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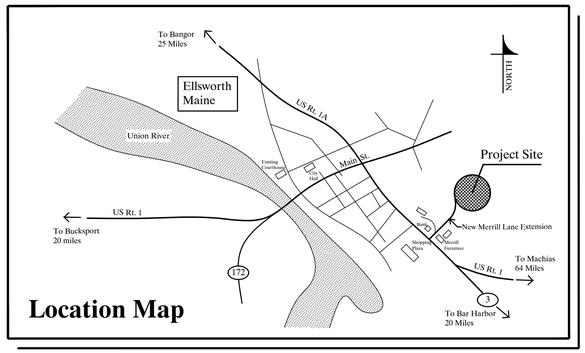
# Hancock Judicial Center

45 Merrill Lane - Ellsworth, Maine





NORTH PEAK ARCHITECTURE

Mark G. Carter • Architect •

Maine Licensed Architect

Lyman, Maine

Armstrong Engineering

Mechanical & Electrical Engineering

Fort Fairfield & Portland, Maine

Sebago Technics, Inc.

Civil Engineering & Landscape Arch.

South Portland, Maine

SRG Engineering, Inc.

Structural Engineering

Gray, Maine


01 MAY 2026

# LEGEND

| EXISTING | | PROPOSED |
|---|---|---|
| | PROPERTY LINE/R.O.W. | |
| | ABUTTER LINE/R.O.W. | |
| | DEED LINE/R.O.W. | |
| | TIE LINE | |
| | SETBACK | |
| | EASEMENT | |
| | BUFFER | |
| | FLOODPLAIN | |
| | FLOODWAY | |
| | CENTERLINE | |
| ⊡ | MONUMENT | ■ |
| ◎ | IRON PIPE/ROD | ● |
| ◎ | DRILL HOLE | ◉ |
| C1/L1 | DEED CALL | |
| C1/L1 | CURVE/LINE NO. | C1/L1 |
| | SOILS | |
| | ZONE LINE | |
| | ZONE LINE ON PL | |
| BENCHMARK DESCRIPTION WITH ELEVATION | BENCHMARK | |
| | SURVEY CONTROL | |
| TP-1 | TEST PIT | |
| MW MW-1 | MONITORING WELL | |
| B-1 | BORING | |
| | BUILDING | |
| | DECK/STEPS/ OVERHANG | |
| | EDGE WETLAND | |
| | WETLANDS | |
| | UPLANDS | |
| | STREAM | |
| | LEDGE | |
| | EDGE PAVEMENT | |
| | PAVEMENT SAWCUT | |
| | EDGE CONCRETE | |
| | PAVEMENT PAINT | |
| | EDGE GRAVEL | |
| | CURB LINE | |
| | EDGE OF WATER | |
| | TREELINE | |
| 120 118 | CONTOURS | 120 |
| ×120.00 | SPOT GRADE | +120.00 |
| | CHAIN LINK FENCE | |
| X | BARB WIRE FENCE | X |
| | STOCKADE FENCE | |
| | GUARD RAIL | |
| | STONE WALL | |
| | RETAINING WALL | |
| | DECIDUOUS TREE | |
| | CONIFEROUS TREE | |
| | MULCH LINE | |
| | BOLLARD | |
| | SIGN | |
| | RAILROAD | |
| G | GAS | G |
| | GAS GATE VALVE | |
| GM | GAS METER | |
| G | GAS MANHOLE | |
| W | WATER | W |
| | WATER GATE VALVE | |
| | WATER SHUT OFF | |
| | HYDRANT | |
| W | WATER MANHOLE | |
| W | WELL | W |
| S | SANITARY SEWER | S |
| FM | FORCE MAIN | FM |
| S | SANITARY MANHOLE | |
| SD | STORM DRAIN | SD |
| UD | UNDER DRAIN | UD |
| D | DRAINAGE MANHOLE | |
| | CATCH BASIN | |
| OHU | OVERHEAD UTILITY | OHU |
| UGU | UNDERGROUND UTILITY | UGU |
| T | TRANSFORMER PAD | T |
| E | ELECTRICAL MANHOLE | E |
| EM | ELECTRIC METER | |
| H | HVAC UNIT | |
| T | TELEPHONE MANHOLE | |
| | LIGHT POLE | |
| | UTILITY POLE | |
| | GUY WIRE | |
| | DRAINAGE DITCH | |
| | EROSION CONTROL BLANKET | |
| | FILTER BARRIER | FB |
| | RIPRAP | |
| | CHECK DAM | |
| | INLET PROTECTION | |
| | BOULDER | |
| | VERTICAL GRANITE CURB | VGC |
| | GRANITE TIP DOWN | TD |
| | FLUSH GRANITE CURB | FGC |

# GENERAL NOTES

1. THE RECORD OWNER OF THE PARCEL IS STATE OF MAINE BY DEED DATED MAY 23, 2025 AND RECORDED AT THE HANCOCK COUNTY REGISTRY OF DEEDS IN BOOK 7385, PAGE 922.
2. THE PROPERTY IS SHOWN AS PART OF LOT 15 ON THE CITY OF ELLSWORTH TAX MAP 21 AND IS LOCATED IN THE URBAN DISTRICT.
3. SPACE AND BULK CRITERIA FOR THE URBAN ZONE (U) ARE AS FOLLOWS:

| | REQUIRED | PROPOSED |
|---|---|---|
| MINIMUM LOT SIZE: | 10,000 SF | 17.90 ACRES |
| MINIMUM FRONT SETBACK: | 0 FEET | 93 FEET |
| MINIMUM SIDE SETBACK: | 5 FEET | 208 FEET |
| MINIMUM REAR SETBACK: | 5 FEET | 828 FEET |
| MAXIMUM BUILDING HEIGHT: | 60 FEET | 49 FEET |

* SEE ORDINANCE FOR MORE SPECIFIC INFORMATION AND CONFIRM WITH A TOWN OFFICIAL.

4. *NATURAL RESOURCE INVENTORY - A WETLAND DELINEATION WAS PERFORMED ON THIS PROJECT SITE IN NOVEMBER OF 2024 BY MOYSE ENVIRONMENTAL. THIS DELINEATION CONFORMS TO THE STANDARDS AND METHODS OUTLINED IN THE 1987 WETLANDS DELINEATION MANUAL AND NORTHEAST REGIONAL SUPPLEMENT AUTHORED AND PUBLISHED BY THE U.S. ARMY CORPS OF ENGINEERS. ALL WETLAND FLAGS WERE LOCATED USING GLOBAL POSITIONING SYSTEMS (GPS) TECHNOLOGY CAPABLE OF SUBMETER ACCURACY.*
5. BOUNDARY AND TOPOGRAPHIC INFORMATION SHOWN HEREON IS BASED UPON PLAN REFERENCE:
   A. BOUNDARY SURVEY FOR CITY OF ELLSWORTH, FOR MERRILL LANE ELLSWORTH, MAINE BY HERRICK & SALSBURY INC. DATED MAY 23, 2025.
   B. ROAD SURVEY OF MERRILL LANE ELLSWORTH, MAINE HANCOCK COUNTY BY HERRICK & SALSBURY INC. DATED JUNE 12, 2025.
6. ALL WORK SHALL CONFORM TO THE APPLICABLE CODES AND ORDINANCES.
7. CONTRACTOR SHALL VISIT THE SITE AND FAMILIARIZE HIM OR HERSELF WITH ALL CONDITIONS AFFECTING THE PROPOSED WORK AND SHALL MAKE PROVISIONS AS TO THE COST THEREOF. CONTRACTOR SHALL BE RESPONSIBLE FOR FAMILIARIZING HIM OR HERSELF WITH ALL CONTRACT DOCUMENTS, FIELD CONDITIONS AND DIMENSIONS AND CONFIRMING THAT THE WORK MAY BE ACCOMPLISHED AS SHOWN PRIOR TO PROCEEDING WITH CONSTRUCTION. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO THE COMMENCEMENT OF WORK.
8. CONTRACTOR SHALL NOTIFY ENGINEER OF ALL PRODUCTS OR ITEMS NOTED AS "EXISTING" WHICH ARE NOT FOUND IN THE FIELD.
9. PROVIDE ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND OWNER'S REQUIREMENTS UNLESS SPECIFICALLY OTHERWISE INDICATED OR WHERE LOCAL CODES OR REGULATIONS TAKE PRECEDENCE.
10. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO FABRICATION AND ERECTION OF ANY MATERIAL. ANY UNUSUAL CONDITIONS SHALL BE REPORTED TO THE ATTENTION OF THE ENGINEER.
11. CONTRACTOR SHALL CLEAN AND REMOVE DEBRIS AND SEDIMENT DEPOSITED ON PUBLIC STREETS, SIDEWALKS, ADJACENT AREAS, OR OTHER PUBLIC WAYS DUE TO CONSTRUCTION.
12. CONTRACTOR SHALL INCORPORATE PROVISIONS AS NECESSARY IN CONSTRUCTION TO PROTECT EXISTING STRUCTURES, PHYSICAL FEATURES, AND MAINTAIN SITE STABILITY DURING CONSTRUCTION. CONTRACTOR SHALL RESTORE ALL AREAS TO ORIGINAL CONDITION AND AS DIRECTED BY DESIGN DRAWINGS.
13. SITE CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS PRIOR TO CONSTRUCTION.
14. THE CONTRACTOR IS HEREBY CAUTIONED THAT ALL SITE FEATURES SHOWN HEREON ARE BASED ON FIELD OBSERVATIONS BY THE SURVEYOR AND BY INFORMATION PROVIDED BY UTILITY COMPANIES. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR SHALL CONTACT DIG SAFE (811) AT LEAST THREE (3) BUT NOT MORE THAN THIRTY (30) DAYS PRIOR TO COMMENCEMENT OF EXCAVATION OR DEMOLITION TO VERIFY HORIZONTAL AND VERTICAL LOCATION OF ALL UTILITIES.
15. CONTRACTOR SHALL BE AWARE THAT DIG SAFE ONLY NOTIFIES ITS "MEMBER" UTILITIES ABOUT THE DIG. WHEN NOTIFIED, DIG SAFE WILL ADVISE CONTRACTOR OF MEMBER UTILITIES IN THE AREA. CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING AND CONTACTING NON-MEMBER UTILITIES DIRECTLY. NON-MEMBER UTILITIES MAY INCLUDE TOWN OR CITY WATER AND SEWER DISTRICTS AND SMALL LOCAL UTILITIES, AS WELL AS USG PUBLIC WORKS SYSTEMS.
16. CONTRACTORS SHALL BE RESPONSIBLE FOR COMPLIANCE WITH THE REQUIREMENTS OF 23 MRSA 3360-A. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE WITH THE APPROPRIATE UTILITIES TO OBTAIN AUTHORIZATION PRIOR TO RELOCATION OF ANY EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THESE PLANS. IF A UTILITY CONFLICT ARISES, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE OWNER, THE MUNICIPALITY AND APPROPRIATE UTILITY COMPANY PRIOR TO PROCEEDING WITH ANY RELOCATION.
17. ALL PAVEMENT MARKINGS AND DIRECTIONAL SIGNAGE SHOWN ON THE PLAN SHALL CONFORM TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) STANDARDS.
18. ALL PAVEMENT JOINTS SHALL BE SAWCUT PRIOR TO PAVING TO PROVIDE A DURABLE AND UNIFORM JOINT.
19. NO HOLES, TRENCHES OR STRUCTURES SHALL BE LEFT OPEN OVERNIGHT IN ANY EXCAVATION ACCESSIBLE TO THE PUBLIC OR IN PUBLIC RIGHTS-OF-WAY.
20. IMMEDIATELY UPON COMPLETION OF CUTS/FILLS, THE CONTRACTOR SHALL STABILIZE DISTURBED AREAS IN ACCORDANCE WITH EROSION CONTROL NOTES AND AS SPECIFIED ON PLANS.
21. THE CONTRACTOR SHALL BE FULLY AND SOLELY RESPONSIBLE FOR THE REMOVAL, REPLACEMENT AND RECTIFICATION OF ALL DAMAGED AND DEFECTIVE MATERIAL AND WORKMANSHIP IN CONNECTION WITH THE CONTRACT WORK. THE CONTRACTOR SHALL REPLACE OR REPAIR AS DIRECTED BY THE OWNER ALL SUCH DAMAGED OR DEFECTIVE MATERIALS WHICH APPEAR WITHIN A PERIOD OF ONE YEAR FROM THE DATE OF SUBSTANTIAL COMPLETION.
22. ALL WORK PERFORMED BY THE GENERAL CONTRACTOR AND/OR TRADE SUBCONTRACTOR SHALL CONFORM TO THE REQUIREMENTS OF LOCAL, STATE OR FEDERAL LAWS, AS WELL AS ANY OTHER GOVERNING REQUIREMENTS, WHETHER OR NOT SPECIFIED ON THE DRAWINGS.
23. WHERE THE TERMS "APPROVED EQUAL", "OTHER APPROVED", "EQUAL TO", "ACCEPTABLE" OR OTHER GENERAL QUALIFYING TERMS ARE USED IN THESE NOTES, IT SHALL BE UNDERSTOOD THAT REFERENCE IS MADE TO THE RULING AND JUDGEMENT OF SEBAGO TECHNICS, INC.
24. THE GENERAL CONTRACTOR SHALL PROVIDE ALL NECESSARY PROTECTION FOR THE WORK UNTIL TURNED OVER TO THE OWNER.
25. THE GENERAL CONTRACTOR SHALL MAINTAIN A CURRENT AND COMPLETE SET OF CONSTRUCTION DRAWINGS ON SITE DURING ALL PHASES OF CONSTRUCTION FOR USE OF ALL TRADES.
26. THE CONTRACTOR SHALL TAKE FULL RESPONSIBILITY FOR ANY CHANGES AND DEVIATION OF APPROVED PLANS NOT AUTHORIZED BY THE ARCHITECT/ENGINEER AND/OR CLIENT/OWNER.
27. DETAILS ARE INTENDED TO SHOW END RESULT OF DESIGN. ANY MODIFICATION TO SUIT FIELD DIMENSION AND CONDITION SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW AND APPROVAL PRIOR TO ANY WORK.
28. BEFORE THE FINAL ACCEPTANCE OF THE PROJECT, THE CONTRACTOR SHALL REMOVE ALL EQUIPMENT AND MATERIALS, REPAIR OR REPLACE PRIVATE OR PUBLIC PROPERTY WHICH MAY HAVE BEEN DAMAGED OR DESTROYED DURING CONSTRUCTION, CLEAN THE AREAS WITHIN AND ADJACENT TO THE PROJECT WHICH HAVE BEEN OBSTRUCTED BY HIS/HER OPERATIONS, AND LEAVE THE PROJECT AREA NEAT AND PRESENTABLE.
29. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING FLOW THROUGH THE EXISTING CLOSED STORM DRAINAGE SYSTEM DURING CONSTRUCTION AND SHALL SUBMIT A WORK PLAN FOR APPROVAL BY THE DESIGN ENGINEER.

# UTILITY DEMOLITION NOTES

1. PROTECT EXISTING BOUNDARY LINE MONUMENTATION. IF DISTURBED, EXISTING MONUMENTATION TO BE RESET BY A PROFESSIONAL LAND SURVEYOR.
2. DEMOLITION OF UTILITIES REQUIRING TREE REMOVAL SHALL BE COORDINATED WITH THE OWNER AND IN ACCORDANCE WITH PROJECT PLANS.
3. UTILITY DEMOLITION SHALL BE COMPLETED IN COORDINATION WITH NEW INFRASTRUCTURE. CONTRACTOR SHALL ENSURE EXISTING SURFACE DRAINAGE IS MAINTAINED DURING CONSTRUCTION.
4. EXISTING SEWER AND STORM DRAINAGE INFRASTRUCTURE TO REMAIN ACTIVE DURING CONSTRUCTION AND UPON COMPLETION OF PROJECT. DEMOLITION/CONSTRUCTION ACTIVITIES SHALL NOT INTERFERE OR IMPEDE EXISTING FLOWS. CONTRACTOR SHALL PROVIDE BYPASS PUMPING AS REQUIRED DURING SEWER AND STORM DEMOLITION AND NEW CONSTRUCTION. DAMAGE TO EXISTING SEWER INFRASTRUCTURE SHALL BE REPAIRED BY CONTRACTOR AT THEIR EXPENSE.
5. DEMOLITION SHOWN IS FOR MAJOR SITE ELEMENTS TO BE DEMOLISHED. OTHER MINOR DEMOLITION MAY BE REQUIRED AS PART OF CONSTRUCTION AND SHALL BE CONSIDERED INCIDENTAL TO THE COST OF CONSTRUCTION. COORDINATE ALL DEMOLITION WORK WITH SITE AND BUILDING DRAWINGS.
6. PRIOR TO ANY DEMOLITION, THE CONTRACTOR SHALL SUBMIT A SEQUENCE OF DEMOLITION PLANS TO THE OWNER. THIS PLAN SHALL DEPICT LOCATIONS OF PROPOSED TERMINATIONS AND ANY TEMPORARY SERVICES THAT WILL BE NEEDED.
7. CONTRACTOR REQUIRED TO CONFIRM/MAINTAIN BENCHMARKS. IF IMPACTED CONTRACTOR IS RESPONSIBLE FOR NOTIFICATION/RELOCATION AND COORDINATION WITH PROJECT TEAM.

# GRADING & EROSION NOTES

1. SIDESLOPES SHALL NOT BE STEEPER THAN 3:1 (H:V) EXCEPT AS OTHERWISE IDENTIFIED ON THIS PLAN. ALL SIDESLOPES STEEPER THAN 3:1 (H: V) SHALL BE LINED WITH EROSION CONTROL BLANKET, OR ADDITIONAL MEASURES AS INDICATED.
2. ALL SEDIMENT AND EROSION CONTROL MEASURES SHALL BE INSTALLED IN ACCORDANCE WITH "MAINE EROSION AND SEDIMENT CONTROL BMPS" MANUAL PUBLISHED BY BUREAU OF LAND AND WATER QUALITY MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION, LATEST EDITION. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO POSSESS A COPY OF THE EROSION CONTROL PLAN AT ALL TIMES.
3. ALL AREAS DISTURBED DURING CONSTRUCTION AND NOT RESTORED WITH IMPERVIOUS SURFACES (BUILDINGS, PAVEMENTS, WALKS, ETC.) SHALL RECEIVE LOAM AND SEED PER DETAIL.
4. SEE UTILITY AND DRAINAGE DRAWINGS FOR PIPE AND STRUCTURE DATA TABLES.

# CONSTRUCTION PLAN

1. PROVIDE EROSION CONTROL MEASURES PRIOR TO SITE DISTURBANCE.
2. WETLANDS, ASSOCIATED SETBACKS AND STREAM SETBACKS TO BE STAKED BY CONTRACTOR PRIOR TO SITE DISTURBANCE.
3. BEFORE TREE CLEARING, REFER TO DESIGN PLANS FOR LIMIT OF TREE CLEARING. TREES SHALL NOT BE REMOVED FROM OUTSIDE THE CLEARING LIMIT LINE.
4. GRADING AND CLEARING LIMITS SHALL NOT ENCROACH ON ADJACENT PROPERTIES UNLESS NOTED OTHERWISE ON THE PLANS.
5. OPEN AREAS SHALL BE LIMITED TO AREAS BEING WORKED IN. THE AREA STRIPPED OF EXISTING VEGETATION AT ANY GIVEN TIME SHALL BE MINIMIZED AND BE PHASED WHERE PRACTICAL SO THAT AREAS ARE REVEGETATED AND PERMANENTLY STABILIZED BEFORE ADDITIONAL AREAS ARE STRIPPED OF EXISTING VEGETATION. STABILIZE CONSTRUCTION AREAS BY USE OF RIPRAP, SEED, MULCH, OR OTHER GROUND COVER WITHIN ONE WEEK FROM THE TIME IT WAS ACTIVELY WORKED. SURFACES SHALL BE STABILIZED PRIOR TO DIRECTING STORMWATER RUNOFF TOWARD STORMWATER BMPS. PLEASE REFER TO DRAINAGE PLANS FOR WATERSHED AREAS.

# PAVEMENT MARKING NOTES

1. ALL PAVEMENT MARKINGS SHALL BE IN CONFORMANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS, U.S.DOT, LATEST EDITION AND MAINE DOT'S STANDARD SPECIFICATIONS, REVISION DECEMBER 2002, WITH LATEST UPDATES.
2. SWEL, SWLL, DYCL, BWL, BWBL AND SYEL SHALL BE 4" WIDE PAINT.
3. SWSL AND PIANO KEY CROSSWALK BARS SHALL BE 24" WIDE PAINT.
4. PAVEMENT WORD AND SYMBOL MARKINGS SHALL BE PAINT.
5. STROKE WIDTH AND LINE WIDTH VARIANCE SHALL BE NO MORE THAN +/- 1/4" FROM DIMENSIONS SHOWN.

## PAVEMENT MARKING LEGEND

| | |
|---|---|
| SWLL | SOLID WHITE LANE LINE |
| SWEL | SOLID WHITE EDGE LINE |
| SWSL | SOLID WHITE STOP LINE |
| BWL | BROKEN WHITE LINE |
| BWBL | BROKEN WHITE BIKE LANE |
| DYCL | DOUBLE YELLOW CENTER LINE |
| SYEL | SOLID YELLOW EDGE LINE |

# UTILITY NOTES

1. UTILITY INFORMATION DEPICTED HEREON IS COMPILED USING PHYSICAL EVIDENCE LOCATED IN THE FIELD. UTILITIES DEPICTED HEREON MAY NOT NECESSARILY REPRESENT ALL EXISTING UTILITIES. CONTRACTORS NEED TO CONTACT DIG-SAFE SYSTEMS, INC. (1-888-DIG-SAFE) AND FIELD VERIFY EXISTING UTILITIES PRIOR TO CONSTRUCTION AND/OR EXCAVATION. PROTECT EXISTING ONSITE SEWER PIPE AND ADJUST MANHOLE RIMS TO GRADE WHERE APPLICABLE.
2. ALL GRAVITY CONDUIT PIPES SHALL BE INSTALLED USING A PIPE LASER AND TARGET SYSTEM THROUGH THE PIPE. ON PIPE RUNS 50 FEET OR LESS, THE CONTRACTOR SHALL REQUEST ENGINEER'S APPROVAL TO USE OR NOT USE A GROUND LASER.
3. MAINTAIN MINIMUM 5'-6" OF COVER ABOVE TOP OF WATER SERVICE PIPE.
4. MAINTAIN MINIMUM 10 FEET HORIZONTAL SEPARATION BETWEEN WATER SERVICES AND OTHER UTILITIES. MAINTAIN MINIMUM 18 INCHES VERTICAL SEPARATION BETWEEN WATER SERVICES AND OTHER UTILITIES.
5. LOWER OR RAISE WATER SERVICES AS REQUIRED TO MAINTAIN MINIMUM 12 INCH VERTICAL SEPARATION FROM OTHER UTILITIES. WATER SERVICES CROSSING SEWERS SHALL BE PROVIDE 12 INCH MINIMUM SEPARATION BETWEEN THE BOTTOM OF WATER LINE AND TOP OF SEWER UNLESS NOTED OTHERWISE ON THE PLANS.
6. PIPE:
   - SEWER PIPE SHALL BE SDR 35 PVC OR APPROVED EQUAL.
   - FORCEMAIN PIPE SHALL BE DR-11 HDPE OR APPROVED EQUAL.
   - STORMDRAIN SHALL BE ADS N-12 DUAL WALL HDPE PIPE WITH SMOOTH-WALLED INTERIOR OR APPROVED EQUAL UNLESS NOTED OTHERWISE ON THE UTILITY PLANS.
   - WATER PIPE AND FITTINGS SHALL CONFORM TO ELLSWORTH WATER DEPARTMENT WATER PIPING SPECIFICATIONS. MAIN WATER SERVICE PIPE SHALL HDPE DR-11 PRESSURE CLASS 200 PSI MEETING THE REQUIREMENTS OF ASTM D3035 AND AWWA C906-15 (LATEST REVISION). PROVIDE THRUST BLOCKS AT ALL WATER SERVICE BENDS.
7. COORDINATE FOUNDATION UNDERDRAIN LOCATIONS WITH ARCHITECTURAL AND STRUCTURAL DRAWINGS.
8. COORDINATE UTILITY INVERTS AT BUILDING WITH ARCHITECTURAL, STRUCTURAL AND PLUMBING DRAWINGS.
9. COORDINATE LOCATION OF SEWER, WATER, GAS, FOUNDATION DRAINS AND ROOF DRAIN INVERTS AT THE BUILDING WITH ARCHITECTURAL DRAWINGS.
10. WATER SERVICE ENTRANCE DESIGNS TO INCLUDE METERS AND BACKFLOW PREVENTERS TO MEET ALL STANDARDS AND REQUIREMENTS OF THE ELLSWORTH WATER DEPARTMENT.
11. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY GRADE CHANGES THAT WILL IMPACT STORM DRAINAGE INFRASTRUCTURE OR OTHER UTILITIES.
12. UTILITIES WITHIN 5 FEET FROM FACE OF BUILDING ARE COORDINATED ON RELEVANT M.E.P. DRAWINGS. CONTRACTOR SHALL COORDINATE INVERTS, CONNECTIONS AND MATERIALS WITH ALL DRAWINGS.
13. PROVIDE AN OIL BOOM IN EVERY CATCH BASIN WITHIN A PAVED AREA.
14. CONTRACTOR SHALL FURNISH AND INSTALL TRENCHING, MATERIALS AND BACKFILL FOR ALL UTILITIES. ELECTRICAL AND TELECOM/DATA PROVIDERS WILL PULL PRIMARY SERVICE TO TRANSFORMER AND PANEL. CONTRACTOR RESPONSIBLE FOR TIMING AND COORDINATION WITH UTILITIES AND DRAWINGS. COORDINATE WITH ELECTRICAL DRAWINGS FOR CONDUIT SCHEDULE, TYPE AND SIZES.
15. COORDINATE ALL WATER RELATED WORK WITH ELLSWORTH WATER DEPARTMENT.
16. PUMP STATION: PRIVATE PUMP STATION
17. UTILITY CONTACTS:
    ELECTRIC:
    VERSANT POWER
    JOSH BUXTON
    207-356-9163
    ACCOUNT #2232267
    WATER:
    ELLSWORTH WATER DEPARTMENT
    REGGIE WINSLOW
    207-667-2155
    SEWER:
    ELLSWORTH WASTE WATER DEPARTMENT
    MIKE HARRIS
    207-667-7315

# ABBREVIATIONS

| | |
|---|---|
| AC | ACRE |
| AFG | ABOVE FINISH GRADE |
| APPROX. | APPROXIMATELY |
| BC | BOTTOM OF CURB |
| BCC | BITUMINOUS CONCRETE CURB |
| BIT | BITUMINOUS |
| BLDG | BUILDING |
| BW | BOTTOM OF WALL |
| CB | CATCH BASIN |
| CONC | CONCRETE |
| CONT | CONTINUOUS |
| DI | DUCTILE IRON |
| DIA | DIAMETER |
| DMH | DRAIN MANHOLE |
| E.W. | EACH WAY |
| EL | ELEVATION |
| ELEV | ELEVATION |
| FFE | FINISH FLOOR ELEVATION |
| FIN. GR. | FINISH GRADE |
| FTG | FOOTING |
| HDPE | HIGH DENSITY POLYETHYLENE |
| HGT | HEIGHT |
| HMA | HOT MIX ASPHALT |
| INV | INVERT |
| LF | LINEAR FEET |
| OC | ON CENTER |
| PVC | POLYVINYL CHLORIDE |
| PWD | PORTLAND WATER DISTRICT |
| R | RADIUS |
| R.O.W. | RIGHT OF WAY |
| S.F. | SQUARE FEET |
| SCH | SCHEDULE |
| SCSC | SLIPFORM CONCRETE SLOPED CURB |
| SCVC | SLIPFORM CONCRETE VERTICAL CURB |
| SD | STORM DRAIN |
| SGC | SLOPED GRANITE CURB |
| SMH | SEWER MANHOLE |
| SPECS | SPECIFICATIONS |
| SS | SANITARY SEWER |
| SSGC | SALVAGED SLOPED GRANITE CURB |
| SVGC | SALVAGED VERTICAL GRANITE CURB |
| TC | TOP OF CURB |
| TW | TOP OF WALL |
| TYP | TYPICAL |
| VGC | VERTICAL GRANITE CURB |
| VIF | VERIFY IN FIELD |

WILLIAM A. GERRISH PE #8830

PLS OR PE

| REV. | BY | DATE | STATUS |
|---|---|---|---|
| 5 | WAG | 5/01/2026 | ISSUED FOR BID |
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| 3 | WAG | 11/13/2025 | SUBMITTED FOR FINAL PLANNING BOARD REVIEW |
| 2 | WAG | 9/11/2025 | SUBMITTED PRELIMINARY PLANNING BOARD REVIEW |
| 1 | WAG | 8/15/2025 | DESIGN DEVELOPMENT SET |

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SEBAGO TECHNICS

SEBAGOTECHNICS.COM
75 JOHN ROBERTS ROAD, SUITE 4A
South Portland, ME 04106
207-200-2100

South Portland, Bridgton, Sanford and Bath

NOTES AND LEGEND

OF:

HANCOCK JUDICIAL CENTER

45 MERRILL LANE
ELLSWORTH, ME

FOR:

NORTH PEAK ARCHITECTURE

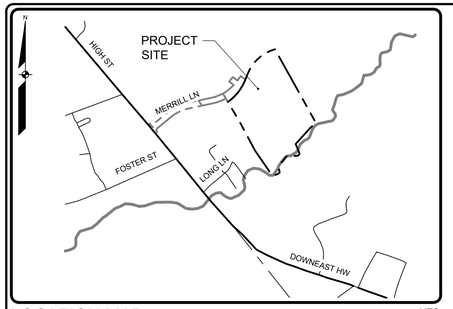
P.O. BOX 338
LYMAN, ME 04002

| | |
|---|---|
| DESIGNED | WAG |
| DRAWN | SCK |
| CHECKED | WAG |
| DATE | 05/01/2026 |
| SCALE | NTS |
| PROJECT | 250369 |

SHEET G-001

F:\Projects\250\250369\DWG\Design\SHEET FILES\250369 NL.dwg - 4/28/2026 1:32 PM - SCOTT KENNEDY

250369 NL.dwg, TAB:NOTES AND LEGEND




LOCATION MAP NTS

# LEGEND

- EXISTING PINS FOUND AS NOTED
- PROPERTY LINE
- ADJACENT BOUNDARY LINE
- R.O.W./DEED LINE
- FEMA FLOOD ZONE A
- PROPOSED BUILDING
- PROPOSED COURTHOUSE PAVEMENT
- PERMANENT WETLAND IMPACT
- WETLAND CONVERSION
- APPROXIMATE FRESHWATER WETLAND
- WETLAND TYPE BOUNDARY
- PSS / PFO — WETLAND TYPE
- APPROXIMATE INLAND WADING BIRD HABITAT
- STREAM
- TP-1 — TEST PIT (S.W. COLE)
- B-1 — TEST BORING (S.W. COLE)
- TP-1 SW — STORMWATER TEST PIT

## ZONING DATA

ZONE: URBAN (U)

| | | |
|---|---|---|
| MINIMUM LOT SIZE | 20,000 SQUARE FEET | 17.9 ACRES |
| MINIMUM ROAD FRONTAGE | 18 FEET | 313 FEET |
| MINIMUM LOT WIDTH | 100 FEET | 760 FEET |
| MINIMUM FRONT SETBACK | 0 FEET | 93 FEET |
| MINIMUM SIDE SETBACK | 5 FEET | 208 FEET |
| MINIMUM REAR SETBACK | 5 FEET | 628 FEET |
| MINIMUM BUILDING HEIGHT | 60 FEET | 49 FEET |

NOTE:
THIS PROJECT IS SUBJECT TO THE ORDER OF CONDITIONS OUTLINED IN THE TRAFFIC MOVEMENT PERMIT THAT WAS SUBMITTED TO THE MAINE DEPARTMENT OF TRANSPORTATION ON SEPTEMBER 10, 2025.

GRAPHIC SCALE
80 0 40 80 160
(IN FEET)
1 INCH = 80 FT.

## APPROVAL-
## CITY OF ELLSWORTH
## PLANNING BOARD

DATE

CHAIRPERSON

### MERRILL LANE LINE AND CURVE TABLES

| LINE | BEARING | DISTANCE |
|---|---|---|
| L1 | N 50°33'11" E | 238.38' |
| L2 | N 78°01'16" E | 283.60' |
| L3 | N 38°11'07" E | 100.65' |

| CURVE | RADIUS | ARC LENGTH | CHORD LENGTH | CHORD BEARING |
|---|---|---|---|---|
| C1 | 510.00' | 244.50' | 242.16' | N 64°17'13" E |
| C2 | 510.00' | 354.58' | 347.49' | N 58°06'12" E |
| C3 | 35.00' | 55.80' | 50.08' | N 04°52'37" E |
| C4 | 35.00' | 54.15' | 48.91' | N 85°07'23" W |

### PROPOSED COURTHOUSE CURVE TABLES

| CURVE | RADIUS | ARC LENGTH | CHORD LENGTH | CHORD BEARING |
|---|---|---|---|---|
| C1 | 543.00' | 312.80' | 308.49' | N 39°02'45" E |
| C2 | 477.00' | 431.09' | 416.57' | N 48°26'01" E |

| REV. | BY | DATE |
|---|---|---|
| 5 | WAG | 5/01/2026 |
| 4 | WAG | 1/05/2026 |
| 3 | WAG | 11/13/2025 |
| 2 | WAG | 9/11/2025 |
| 1 | WAG | 8/15/2025 |

STATUS: DESIGN DEVELOPMENT SET

ISSUED FOR BID
SUBMITTED FOR FINAL REVIEW
SUBMITTED FOR FINAL PLANNING BOARD REVIEW
SUBMITTED PRELIMINARY PLANNING BOARD REVIEW

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WILLIAM A. GERRISH PE #8830

PLS OR PE

STATE OF MAINE · WILLIAM A. GERRISH · 8830 · REGISTERED PROFESSIONAL ENGINEER

SEBAGO TECHNICS
TECHNICS
SEBAGOTECHNICS.COM
75 JOHN ROBERTS ROAD, SUITE 4A
South Portland, ME 04106
207-200-2100
South Portland, Bridgton, Sanford and Bath

OVERALL SITE PLAN
OF:
HANCOCK JUDICIAL CENTER
45 MERRILL LANE
ELLSWORTH, ME
FOR:
NORTH PEAK ARCHITECTURE
P.O. BOX 238
LYMAN, ME 04002

| | |
|---|---|
| DESIGNED | WAG |
| DRAWN | SCK |
| CHECKED | WAG |
| DATE | 05/01/2026 |
| SCALE | 1" = 80' |
| PROJECT | 250369 |

SHEET C-100

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250369-SK dwg, TAB 36 X 24

# LEGEND

- EXISTING PINS FOUND AS NOTED
- PROPERTY LINE
- ADJACENT BOUNDARY LINE
- R.O.W./DEED LINE
- FEMA FLOOD ZONE A
- APPROXIMATE FRESHWATER WETLAND
- WETLAND TYPE BOUNDARY
- PSS / PFO — WETLAND TYPE
- APPROXIMATE INLAND WADING BIRD HABITAT
- STREAM
- TP-1 — TEST PIT (S.W. COLE)
- B-1 — TEST BORING (S.W. COLE)
- TP-1 SW — STORMWATER TEST PIT
- TEMPORARY BENCHMARK

NOTES:
1. REFER TO GEOTECHNICAL REPORTS BY S.W. COLE DATED DECEMBER 20, 2024 AND JULY 30, 2025 INCLUDED IN CONTRACT DOCUMENTS.
2. PRIOR TO CONSTRUCTION TEST PITS TP-8 THROUGH TP-14 SHALL BE OVER EXCAVATED TO UNDISTURBED NATIVE SOILS AND BACKFILL WITH COMPACTED GRANULAR BORROW.

## CONTROL POINT TABLE

| Point # | Raw Description | Elevation | Northing | Easting |
|---|---|---|---|---|
| 1 | STA 1 #6 REBAR FLUSH | 146.10 | 317371.38 | 1008319.54 |
| 2 | STA 2 #6 REBAR FLUSH | 145.65 | 317221.62 | 1008353.85 |
| 3 | STA 3 #6 REBAR FLUSH | 136.47 | 317151.88 | 1008659.27 |
| 4 | TBM - SPIKE IN 36" STUMP | 149.96 | 317291.74 | 1008236.59 |

*NOTE: MARKED WITH RED AND GREEN FLAGGING*

## MERRILL LANE LINE AND CURVE TABLES

| LINE | BEARING | DISTANCE |
|---|---|---|
| L1 | N 50°33'11" E | 238.38' |
| L2 | N 78°01'16" E | 283.60' |
| L3 | N 38°11'07" E | 100.65' |

| CURVE | RADIUS | ARC LENGTH | CHORD LENGTH | CHORD BEARING |
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## PROPOSED COURTHOUSE CURVE TABLES

| CURVE | RADIUS | ARC LENGTH | CHORD LENGTH | CHORD BEARING |
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| C1 | 543.00' | 312.80' | 308.49' | N 39°02'45" E |
| C2 | 477.00' | 431.09' | 416.57' | N 48°26'01" E |

# NOTES

1. BOUNDARY LINES AND OTHER INFORMATION SHOWN ON THIS PLAN ARE BASED ON A BOUNDARY SURVEY PREPARED BY HERRICK & SALSBURY, INC., FOR THE CITY OF ELLSWORTH, MERRIL LANE/LONG LANE, ELLSWORTH, ME. DATED MAY 23, 2025.
2. BOUNDARY LINES AND OTHER INFORMATION SHOWN ON THIS PLAN ARE BASED ON A ROAD SURVEY OF MERRILL LANE PREPARED BY HERRICK & SALSBURY, INC., FOR THE CITY OF ELLSWORTH, MERRILL LANE/LONG LANE, ELLSWORTH, ME. DATED JUNE 12, 2025

GRAPHIC SCALE
80 0 40 80 160
(IN FEET)
1 INCH = 80 FT.

WILLIAM A. GERRISH PE #8830

PLS OR PE

| REV. | BY | DATE: | STATUS |
|---|---|---|---|
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| 1. | WAG | 8/15/2025 | DESIGN DEVELOPMENT SET |

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SEBAGO TECHNICS
SEBAGOTECHNICS.COM
75 JOHN ROBERTS ROAD, SUITE 4A
South Portland, ME 04106
207-200-2100
South Portland, Bridgton, Sanford and Bath

EXISTING CONDITIONS PLAN
OF:
HANCOCK JUDICIAL CENTER
45 MERRILL LANE
ELLSWORTH, ME
FOR:
NORTH PEAK ARCHITECTURE
P.O. BOX 238
LYMAN, ME 04002

| | |
|---|---|
| DESIGNED | WAG |
| DRAWN | SCK |
| CHECKED | WAG |
| DATE | 05/01/2026 |
| SCALE | 1" = 80' |
| PROJECT | 250369 |

SHEET C-101

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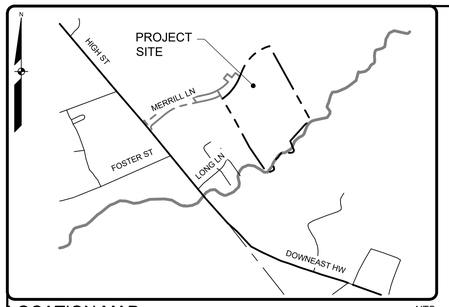
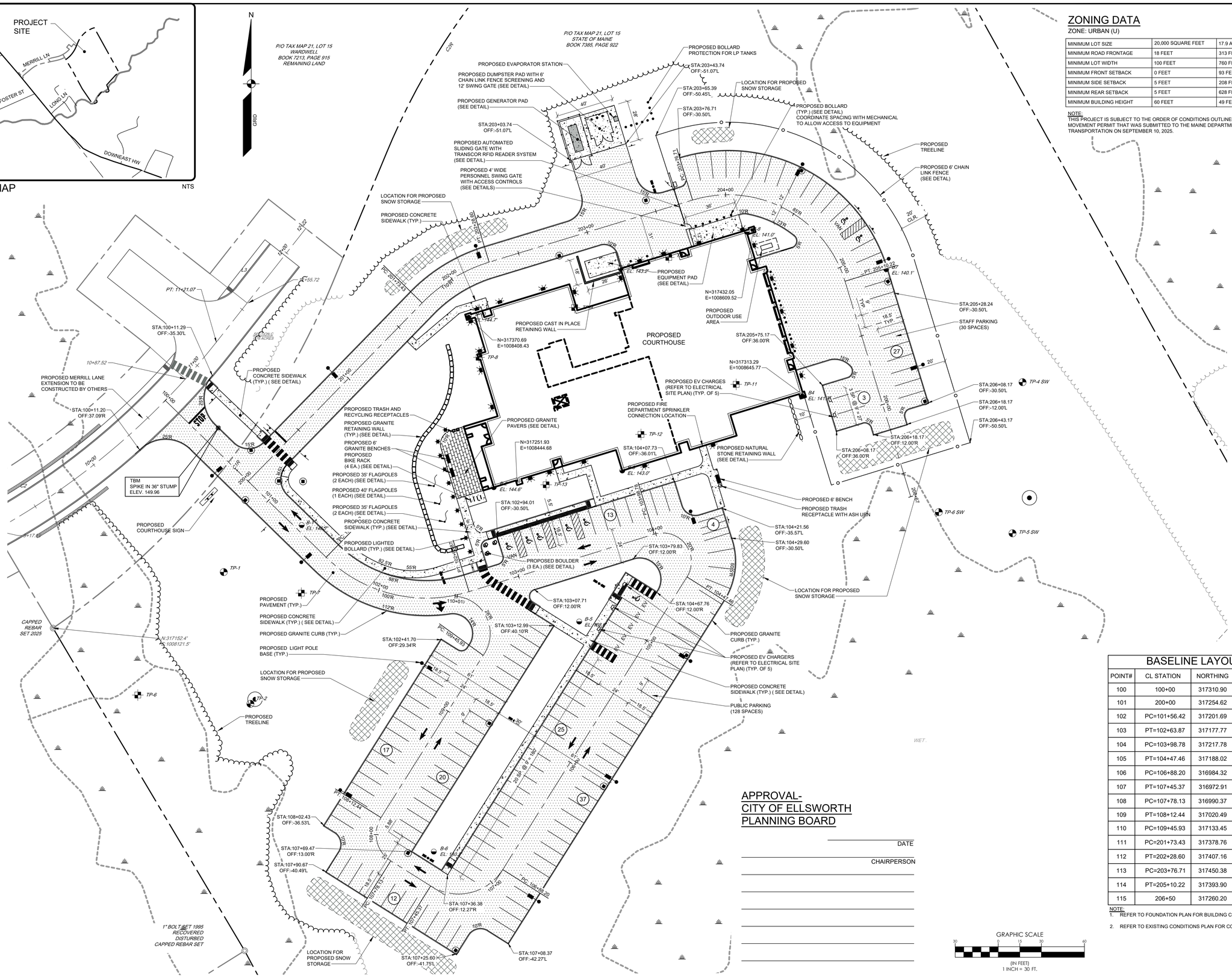
250369-EX dwg, TAB:36 X 24




LOCATION MAP NTS




## ZONING DATA

ZONE: URBAN (U)

| | | |
|---|---|---|
| MINIMUM LOT SIZE | 20,000 SQUARE FEET | 17.9 ACRES |
| MINIMUM ROAD FRONTAGE | 18 FEET | 313 FEET |
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| MINIMUM BUILDING HEIGHT | 60 FEET | 49 FEET |

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## APPROVAL-
## CITY OF ELLSWORTH
## PLANNING BOARD

DATE

CHAIRPERSON

## BASELINE LAYOUT

| POINT# | CL STATION | NORTHING | EASTING |
|---|---|---|---|
| 100 | 100+00 | 317310.90 | 1008199.69 |
| 101 | 200+00 | 317254.62 | 1008257.41 |
| 102 | PC=101+56.42 | 317201.69 | 1008311.69 |
| 103 | PT=102+63.87 | 317177.77 | 1008411.21 |
| 104 | PC=103+98.78 | 317217.78 | 1008540.05 |
| 105 | PT=104+47.46 | 317188.02 | 1008562.91 |
| 106 | PC=106+88.20 | 316984.32 | 1008434.62 |
| 107 | PT=107+45.37 | 316972.91 | 1008384.42 |
| 108 | PC=107+78.13 | 316990.37 | 1008356.70 |
| 109 | PT=108+12.44 | 317020.49 | 1008349.86 |
| 110 | PC=109+45.93 | 317133.45 | 1008420.00 |
| 111 | PC=201+73.43 | 317378.76 | 1008378.51 |
| 112 | PT=202+28.60 | 317407.16 | 1008425.15 |
| 113 | PC=203+76.71 | 317450.38 | 1008566.80 |
| 114 | PT=205+10.22 | 317393.90 | 1008672.91 |
| 115 | 206+50 | 317260.20 | 1008713.71 |

NOTE:
1. REFER TO FOUNDATION PLAN FOR BUILDING CORNERS PROVIDED.
2. REFER TO EXISTING CONDITIONS PLAN FOR CONTROL POINTS.

GRAPHIC SCALE
30 0 15 30 60
(IN FEET)
1 INCH = 30 FT.

| REV. | BY | DATE: | STATUS |
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WILLIAM A. GERRISH PE #8830
PLS OR PE

STATE OF MAINE
WILLIAM A. GERRISH
8830
REGISTERED PROFESSIONAL ENGINEER

SEBAGO TECHNICS
SEBAGOTECHNICS.COM
75 John Roberts Rd., Suite 4A
South Portland, ME 04106
207-200-2100
South Portland, Bridgton, Sanford and Bath

SITE PLAN
OF:
HANCOCK JUDICIAL CENTER
45 MERRILL LANE
ELLSWORTH, ME
FOR:
NORTH PEAK ARCHITECTURE
P.O. BOX 338
LYMAN, ME 04002

| | |
|---|---|
| DESIGNED | WAG |
| DRAWN | SCK |
| CHECKED | WAG |
| DATE | 05/01/2026 |
| SCALE | 1" = 30' |
| PROJECT | 250369 |

SHEET C-102

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250369-S.dwg, TAB:SITE PLAN

P/O TAX MAP 21, LOT 15
WARDWELL
BOOK 7213, PAGE 915
REMAINING LAND

P/O TAX MAP 21, LOT 15
STATE OF MAINE
BOOK 7385, PAGE 922

N

GRID

PROPOSED COURTHOUSE

PROPOSED NO PARKING SIGN (R8-3)

VEHICLE GATE AND PERSONNEL GATE ACCESS SIGNAGE PER OWNER

4" SWEL (TYP.)

PROPOSED VAN ACCESSIBLE SIGN (R7-8A)

PROPOSED HC PARKING SYMBOL (TYP.) (SEE DETAIL)

PROPOSED RESERVERED PARKING SIGN (R7-8)

STAFF PARKING (30 SPACES)

PROPOSED ELECTRIC VEHICLE PARKING ONLY (TYP.) (SEE DETAIL)

PROPOSED 6' WIDE CROSS WALK PAINT AND SIGNAGE BY OTHERS

PROPOSED HC RAMP

PROPOSED STOP SIGN (R1-1) (TYP.x2)

PROPOSED AUTHORIZED VEHICLES ONLY SIGN (TYP.x2)

PROPOSED RESERVED PARKING SIGN - BOLLARD (TYP.) (SEE DETAIL)

PROPOSED 12" WIDE WHITE PAINTED STOP BAR (TYP.) (SEE DETAIL)

PROPOSED 6' WIDE PAINTED CROSS WALK (SEE DETAIL)

PROPOSED ENTRANCE SIGN (SEE ARCHITECTURAL PLANS)

PROPOSED HC PARKING SYMBOL (TYP.) (SEE DETAIL)

PROPOSED MOTORCYCLE PARKING SIGN (SEE DETAIL)

PROPOSED PUBLIC PARKING SIGN (TYP.) (SEE DETAIL)

PROPOSED CROSSWALK SIGN (SEE DETAIL)

PROPOSED 6' WIDE PAINTED CROSS WALK (SEE DETAIL)

PROPOSED RESERVED PARKING SIGN (R7-8)

PROPOSED HC RAMP (TYP.) (SEE DETAIL)

PROPOSED ELECTRIC VEHICLE PARKING ONLY (TYP.) (SEE DETAIL)

4" SSW (TYP.)

PROPOSED PAINTED ARROWS (TYP.) (SEE DETAIL)

PUBLIC PARKING (126 SPACES)

4" SWEL (TYP.)

PROPOSED HC RAMP

CAPPED REBAR SET 2025

1" BOLT SET 1995
RECOVERED
DISTURBED
CAPPED REBAR SET

WET MEADOW
PEM

GRAPHIC SCALE
30 0 15 30 60
(IN FEET)
1 INCH = 30 FT.

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PLS OR PE

STATE OF MAINE
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75 JOHN ROBERTS ROAD, SUITE A
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SITE SIGNAGE AND PAVEMENT MARKINGS
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P.O. BOX 238
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| | |
|---|---|
| DESIGNED | WAG |
| DRAWN | SCK |
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| DATE | 05/01/2026 |
| SCALE | NTS |
| PROJECT | 250369 |

SHEET C-103

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250369-SS.dwg, TAB SIGNAGE & MARKINGS

N

GRID

PROPOSED MERRILL LANE ROAD DESIGN BY OTHER

PROPOSED CULVERT BY OTHERS

PROPOSED RETAINING WALL BY OTHERS

PROPOSED UNDERDRAIN SOIL FILTER - 1

PROPOSED EMERGENCY SPILLWAY (SEE DETAIL)

UDSF-1

WETLAND CONVERSION = 486 SF

PERMANENT WETLAND IMPACT = 268 SF

PROPOSED COURTHOUSE

F.F.E = 143.33

F.F.E = 155.00

PROPOSED FILTER BARRIER OR MULCHED BERM

WETLAND CONVERSION = 527 SF

PERMANENT WETLAND IMPACT = 214 SF

STAFF PARKING

PROPOSED UNDERDRAIN SOIL FILTER

PUBLIC PARKING

INSTALL DOUBLE ROW OF EROSION CONTROL FILTER BARRIER WITHIN 50 FEET OF WETLAND AREA, TYP.

PERMANENT WETLAND IMPACT = 557 SF

PROPOSED UNDERDRAIN SOIL FILTER - 2

UDSF-2

PROPOSED EMERGENCY SPILLWAY (SEE DETAIL)

MATCH LINE

GRAPHIC SCALE

30 0 15 30 60

(IN FEET)
1 INCH = 30 FT.

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WILLIAM A. GERRISH PE #8830

PI.3 OR PE

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8830
REGISTERED
PROFESSIONAL
ENGINEER

SEBAGO TECHNICS

SEBAGOTECHNICS.COM
75 John Roberts Road, Suite 4A
South Portland, ME 04106
207-200-2100

South Portland, Bridgton, Sanford and Bath

# GRADING PLAN

OF:
## HANCOCK JUDICIAL CENTER
45 MERRILL LANE
ELLSWORTH, ME

FOR:
## NORTH PEAK ARCHITECTURE
P.O. BOX 338
LYMAN, ME 04002

| | |
|---|---|
| DESIGNED | WAG |
| DRAWN | SCK |
| CHECKED | WAG |
| DATE | 05/01/2026 |
| SCALE | 1"=30' |
| PROJECT | 250369 |

SHEET C-104

250369-G.dwg - TAB GRADING

N

GRID










GRAPHIC SCALE

10 0 5 10 20

(IN FEET)
1 INCH = 10 FT.

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WILLIAM A. GERRISH PE #8830

P_S OR PE

STATE OF MAINE
WILLIAM A. GERRISH
8830
REGISTERED PROFESSIONAL ENGINEER

| REV. | BY | DATE: | STATUS |
|---|---|---|---|
| 5 | WAG | 5/01/2026 | ISSUED FOR BID |
| 4 | WAG | 1/05/2026 | SUBMITTED FOR FINAL REVIEW |
| 3 | WAG | 11/13/2025 | SUBMITTED FOR FINAL PLANNING BOARD REVIEW |
| 2 | WAG | 9/11/2025 | SUBMITTED PRELIMINARY PLANNING BOARD REVIEW |
| 1 | WAG | 8/15/2025 | DESIGN DEVELOPMENT SET |

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SEBAGO TECHNICS
SEBAGOTECHNICS.COM
75 John Roberts Road, Suite 4
South Portland, ME 04106
207-200-2100

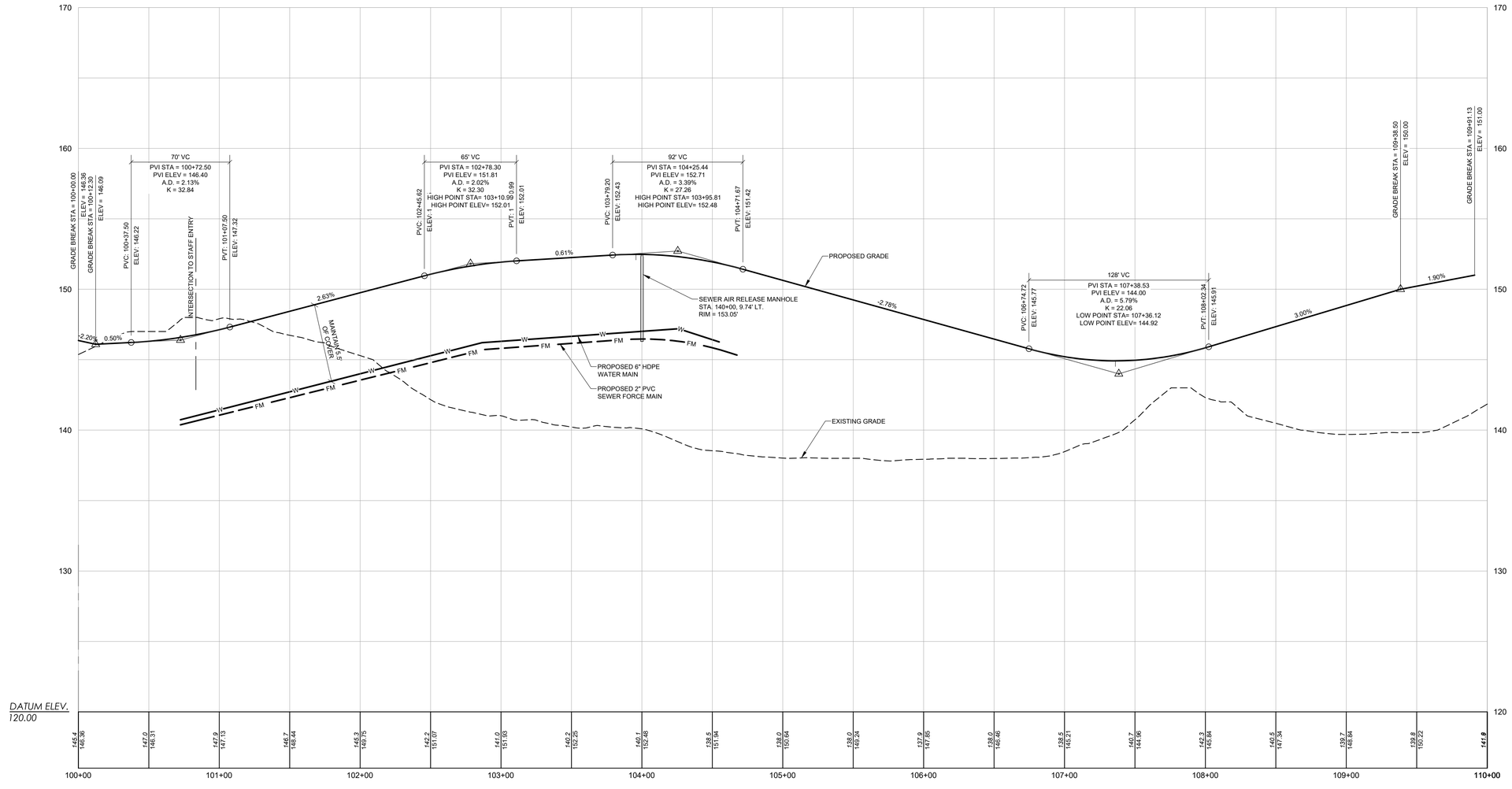
South Portland, Bridgton, Sanford and Bath

SPOT GRADING PLAN
OF:
HANCOCK JUDICIAL CENTER
45 MERRILL LANE
ELLSWORTH, ME
FOR:
NORTH PEAK ARCHITECTURE
P.O. BOX 338
LYMAN, ME 04002

| | |
|---|---|
| DESIGNED | WAG |
| DRAWN | SCK |
| CHECKED | WAG |
| DATE | 05/01/2026 |
| SCALE | 1"=10' |
| PROJECT | 250369 |

SHEET C-105

250369-G.dwg, TAB GRADING 2




COURTHOUSE NORTHERLY BASELEINE

PROFILE:

SCALE: VERTICAL - 1" = 4'
HORIZONTAL - 1" = 40'

GRAPHIC SCALE

40 0 20 40 80

(IN FEET)
1 INCH = 40 FT.

| REV. | BY | DATE: |
|---|---|---|
| 5 | WAG | 5/01/2026 |
| 4 | WAG | 1/05/2026 |
| 3 | WAG | 11/13/2025 |
| 2 | WAG | 9/11/2025 |
| 1 | WAG | 8/15/2025 |

STATUS

ISSUED FOR BID
SUBMITTED FOR FINAL REVIEW
SUBMITTED FOR FINAL PLANNING BOARD REVIEW
SUBMITTED PRELIMINARY PLANNING BOARD REVIEW
DESIGN DEVELOPMENT SET

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WILLIAM A. GERRISH PE #8830

PLS OR PE

STATE OF MAINE
WILLIAM A. GERRISH
8830
REGISTERED
PROFESSIONAL
ENGINEER
SURVEYOR

SEBAGO TECHNICS

SEBAGOTECHNICS.COM
75 John Roberts Rd., Suite 4A
South Portland, ME 04106
207-200-2100

South Portland, Bridgton, Sanford and Bath

PROFILE
OF:
HANCOCK JUDICIAL CENTER
45 MERRILL LANE
ELLSWORTH, ME
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|---|---|
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| DRAWN | SCK |
| CHECKED | WAG |
| DATE | 05/01/2026 |
| SCALE | NTS |
| PROJECT | 250369 |

SHEET C-106

250369-G.dwg, TAB:C-106 PROFILE

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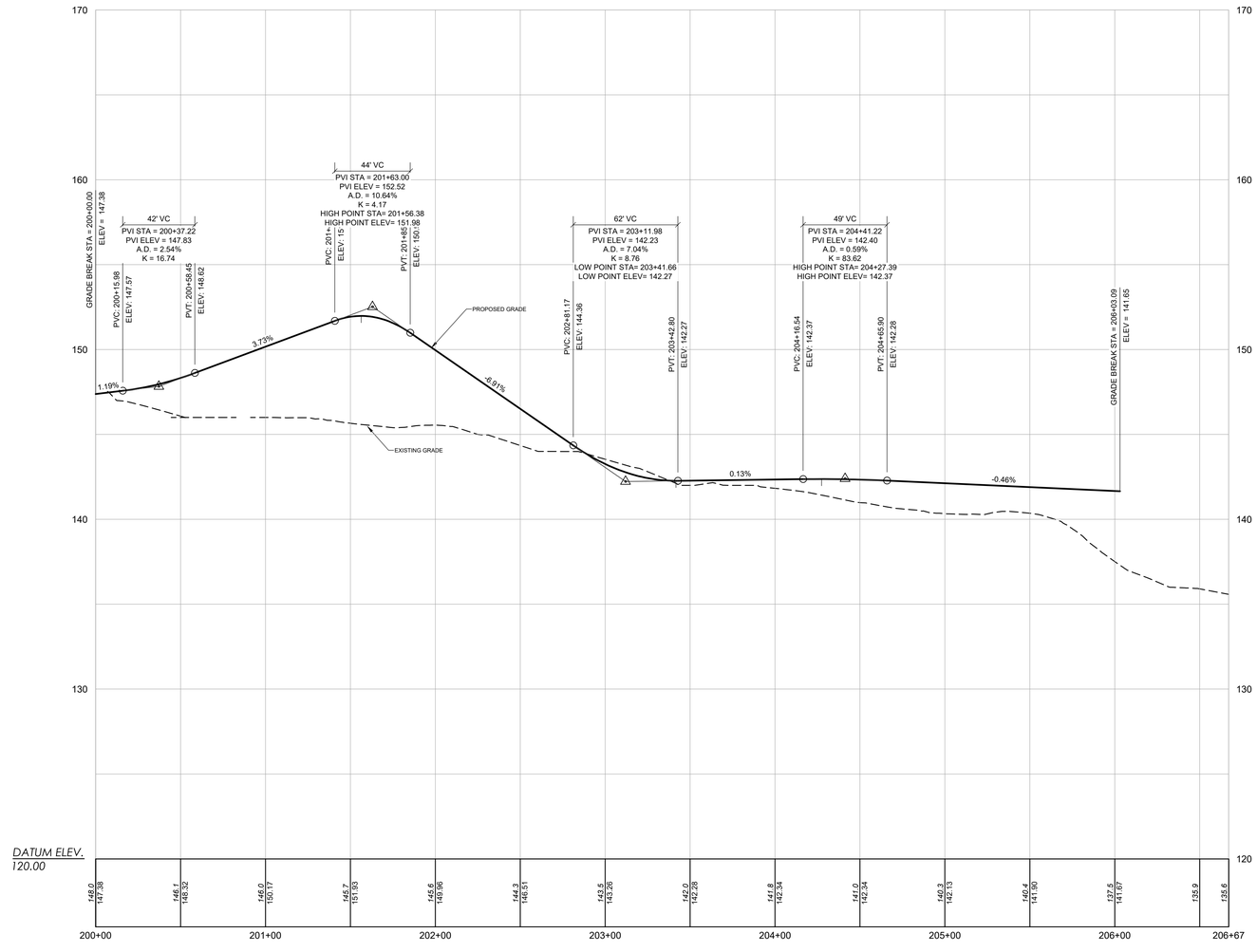


## COURTHOUSE SOUTHERLY BASELEINE

## PROFILE:

SCALE: VERTICAL - 1" = 4'
HORIZONTAL - 1" = 40'

GRAPHIC SCALE
0 20 40 80
(IN FEET)
1 INCH = 30 FT.

WILLIAM A. GERRISH PE #8830
PLS OR PE

STATE OF MAINE
WILLIAM A. GERRISH
8830
REGISTERED PROFESSIONAL ENGINEER
STATE OF MAINE
JOSHUA M. LAVOIE
2015
REGISTERED LAND SURVEYOR

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PROFILE 2
OF:
HANCOCK JUDICIAL CENTER
45 MERRILL LANE
ELLSWORTH, ME
FOR:
NORTH PEAK ARCHITECTURE
P.O. BOX 338
LYMAN, ME 04002

| | |
|---|---|
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| DRAWN | SCK |
| CHECKED | WAG |
| DATE | 05/01/2026 |
| SCALE | NTS |
| PROJECT | 250369 |

SHEET C-107

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250369-G.dwg - TAB PROFILE 2

## STORM DRAIN PIPE DATA

| NAME | SIZE | LENGTH | SLOPE |
|---|---|---|---|
| SD-1 | 15" | 68' | 2.23% |
| SD-2 | 15" | 106' | 0.38% |
| SD-3 | 15" | 94' | 0.32% |
| SD-4 | 18" | 83' | 0.36% |
| SD-5 | 18" | 33' | 0.45% |
| SD-6 | 15" | 25' | 0.69% |
| SD-7 | 15" | 23' | 0.53% |
| SD-8 | 15" | 44' | 0.94% |
| SD-9 | 15" | 103' | 3.04% |
| SD-10 | 15" | 71' | 1.89% |
| SD-11 | 18" | 54' | 0.97% |
| SD-14 | 15" | 104' | 2.99% |
| SD-15 | 15" | 152' | 1.92% |
| SD-16 | 15" | 13' | 3.55% |
| SD-17 | 15" | 71' | 0.70% |

## STORM DRAIN STRUCTURE DATA

| STRUCTURE | RIM | INV. IN | INV. OUT: | DIAM. |
|---|---|---|---|---|
| CB-1 | 144.50 | | 140.86 (SD-1) | 48" |
| CB-2 | 142.60 | 139.35 (SD-1) | 139.35 (SD-2) | 48" |
| CB-3 | 142.20 | 138.95 (SD-2) | 138.95 (SD-3) | 48" |
| CB-4 | 142.20 | 138.65 (SD-3) | 138.65 (SD-4) | 48" |
| CB-5 | 142.10 | 138.35 (SD-4) | 138.35 (SD-5) | 48" |
| CB-7 | 147.20 | | 143.71 (SD-6) | 48" |
| CB-8 | 145.63 | 143.54 (SD-6)<br>143.54 (SD-16) | 143.44 (SD-7) | 48" |
| CB-9 | 145.51 | 143.32 (SD-7) | 143.22 (SD-8) | 48" |
| CB-10 | 148.70 | | 143.69 (SD-9) | 48" |
| CB-11 | 145.50 | 140.57 (SD-9) | 140.47 (SD-10) | 48" |
| CB-12 | 144.60 | 139.12 (SD-10) | 139.02 (SD-11) | 48" |
| CB-13 | 147.60 | 142.14 (SD-14) | 142.04 (SD-15) | 48" |
| CB-14 | 150.40 | | 145.25 (SD-14) | 48" |
| CB-16 | 147.50 | | 144.00 (SD-16) | 48" |

WILLIAM A. GERRISH PE #8830

PLS OR PE

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SEBAGO TECHNICS
SEBAGOTECHNICS.COM
75 John Roberts Road, Suite A
South Portland, ME 04106
207-200-2100

South Portland, Bridgton, Sanford and Bath


# DRAINAGE PLAN

OF:
HANCOCK JUDICIAL CENTER
45 MERRILL LANE
ELLSWORTH, ME

FOR:
NORTH PEAK ARCHITECTURE
P.O. BOX 238
LYMAN, ME 04002

| | |
|---|---|
| DESIGNED | WAG |
| DRAWN | SCK |
| CHECKED | WAG |
| DATE | 05/01/2026 |
| SCALE | 1" = 30' |
| PROJECT | 250369 |

SHEET C-108

250369-XS.dwg, TAB:DRAINAGE PLAN

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N

GRID

PROPOSED EVAPORATOR STATION

PROPOSED UNDERGROUND LP GAS TANKS (SEE DETAIL)

PROPOSED UNDERGROUND LP GAS LINE (SEE DETAIL)

PROPOSED GENERATOR LOCATION (REFER TO ELECTRICAL DRAWINGS)

PROPOSED ANTENNA FOR RFID READER MOUNTED ON 2' DIA. POLE WITH CONCRETE FOUNDATION. MINIMUM ANTENNA HEIGHT SHALL BE 8'-0". INSTALL PER MANUFACTURE'S REQUIREMENTS.

PROPOSED UNDERGROUND GENERATOR POWER (SEE ELECTRICAL SITE PLAN)

PROPOSED PULL BOX (TYP.) (SEE DETAIL)

PROPOSED GATE MOTOR AND CONTROLLER (SEE DETAIL)

PROPOSED AUTOMATED SLIDING GATE (SEE DETAIL)

PROPOSED TRANSFORMER PAD WITH BOLLARD PROTECTION (SEE DETAIL)

PROPOSED LOOP DETECTORS

PROPOSED TELCOM/DATA (SEE ELECTRICAL SITE PLAN)

PROPOSED UNDERGROUND POWER-SITE LIGHTING (SEE ELECTRICAL SITE PLAN)

PROPOSED EQUIPMENT PAD (SEE DETAIL)

PROPOSED SEWER MANHOLE BY OTHERS

PROPOSED UNDERGROUND PRIMARY (REFER TO ELECTRICAL DRAWINGS)

PROPOSED CAMERA CABLES (SEE ELECTRICAL SITE PLAN)

PROPOSED LP GAS ENTRANCE

PROPOSED ELECTRICAL ENTRANCE

PROPOSED TELCOM/DATA ENTRANCE

PROPOSED SITE LIGHT FIXTURE (SINGLE HEAD STYLE) (REFER TO ELECTRICAL PLANS) (TYP.)

PROPOSED WALL PAC LIGHT FIXTURE (SEE ELECTRICAL SITE PLAN) (TYP.)

PROPOSED UNDERGROUND POWER-SITE LIGHTING (SEE ELECTRICAL SITE PLAN)

PROPOSED CAMERA CABLES (SEE ELECTRICAL SITE PLAN)

PROPOSED UNDERGROUND POWER FOR PUMP STATION (SEE ELECTRICAL SITE PLAN)

PROPOSED CONNECTION POINT TO UNDERGROUND PRIMARY POWER

PROPOSED 12"x6" TEE WITH 6" GATE VALVE BY OTHERS

PROPOSED SEWER MANHOLE BY OTHERS. COORDINATE FORCE MAIN TIE-IN WITH ELLSWORTH WASTEWATER DEPARTMENT

PROPOSED SEWER MANHOLE BY OTHERS IN = 137.17 OUT=137.07

PROPOSED 12" DIA HDPE WATER MAIN BY OTHERS

PROPOSED 8" DIA SDR35 SEWER MAIN BY OTHERS

PROPOSED FIRE HYDRANT BY OTHERS (FINAL LOCATION TBD)

PROPOSED CONCRETE DUCTBANK TO BE INSTALLED UNDER ALL PAVED AREAS (TYP.) (SEE DETAIL)

PROPOSED PULL BOX (SEE DETAIL)

PROPOSED POWER FOR COURTHOUSE SIGN (SEE ELECTRICAL SITE PLAN)

PROPOSED COURTHOUSE

PROPOSED KNOX BOX LOCATION

PROPOSED FIRE DEPARTMENT CONNECTION (SEE DETAIL)

PROPOSED SEWER EXIT POINT INV. ELEV. 139.0

PROPOSED 4" GATE VALVE

PROPOSED 6" GATE VALVE

PROPOSED BOLLARD LIGHT FIXTURE (REFER TO ELECTRICAL SITE PLAN) (TYP.)

PROPOSED 2" PVC FORCE MAIN

PROPOSED SEWER PUMP STATION (SEE DETAIL)

PROPOSED ELECTRICAL FOR EV CHARGER (SEE ELECTRICAL SITE PLAN)

PROPOSED ALARM CABLES FOR PUMP STATION (SEE ELECTRICAL SITE PLAN)

PROPOSED POWER FOR FLAGPOLE LIGHTS (SEE ELECTRICAL SITE PLAN)

AIR RELEASE MANHOLE. SEE DETAIL

PROPOSED 6"x6" TEE

PROPOSED 6" GATE VALVE

PROPOSED 2" BLOW OFF VALVE AT END OF 6" WATER MAIN

PROPOSED 6"x4" TEE

PROPOSED 6"x6" TEE

PROPOSED ELECTRICAL PULLBOX (TYP.) (SEE DETAIL)

PROPOSED 8" PVC GRAVITY SEWER MAIN TO PUMP STATION

PROPOSED CONCRETE DUCTBANK TO BE INSTALLED UNDER ALL PAVED AREAS (TYP.) (SEE DETAIL)

PROPOSED EV CHARGER UNDERGROUND POWER (SEE ELECTRICAL SITE PLAN)

PROPOSED FIRE HYDRANT WATEROUS PACER FIRE HYDRANT MODEL WB-67-250 (SEE DETAIL)

PROPOSED EV CHARGER (SEE ELECTRICAL SITE PLAN) (TYP OF 5)

PROPOSED 2" PVC SEWER FORCE MAIN

PROPOSED 6" HDPE WATER MAIN

PROPOSED LARGE SMOOTH RADIUS (MIN 50'R) FOR 6" HDPE

PROPOSED 45° BEND WITH THRUST BLOCK (SEE DETAIL)

PROPOSED 6" HDPE WATER MAIN

PROPOSED SITE LIGHT FIXTURE (SINGLE HEAD STYLE) (REFER TO ELECTRICAL SITE PLAN) (TYP.)

PROPOSED SITE LIGHT FIXTURE (DUAL HEAD STYLE) (REFER TO ELECTRICAL SITE PLAN) (TYP.)

PROPOSED UNDERGROUND POWER-SITE LIGHTING (SEE ELECTRICAL SITE PLAN)

PROPOSED CAMERA CABLES (SEE ELECTRICAL SITE PLAN)

PROPOSED UNDERGROUND ELECTRIC AND COMMUNICATIONS FOR SITE LIGHTING AND SECURITY CAMERAS (REFER TO ELECTRICAL SITE PLAN)

PSS

PFO

WET MEADOW
PEM

GRAPHIC SCALE
30 0 15 30 60
(IN FEET)
1 INCH = 30 FT.

F:\Projects\250\00\250369\DWG\Design\SHEET FILES\250369-U.dwg - 4/28/2026 1:37 PM - SCOTT KENNEDY

250369-U.dwg - TAB:UTILITY

WILLIAM A. GERRISH PE #8830

PLS OR PE

STATE OF MAINE
WILLIAM A. GERRISH
8830
REGISTERED PROFESSIONAL ENGINEER

| REV. | BY | DATE: | STATUS |
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SEBAGO TECHNICS
TECHNICAL CONSULTANTS
SEBAGOTECHNICS.COM
75 John Roberts Road, Suite 4A
South Portland, ME 04106
207-200-2100
South Portland, Bridgton, Sanford and Bath

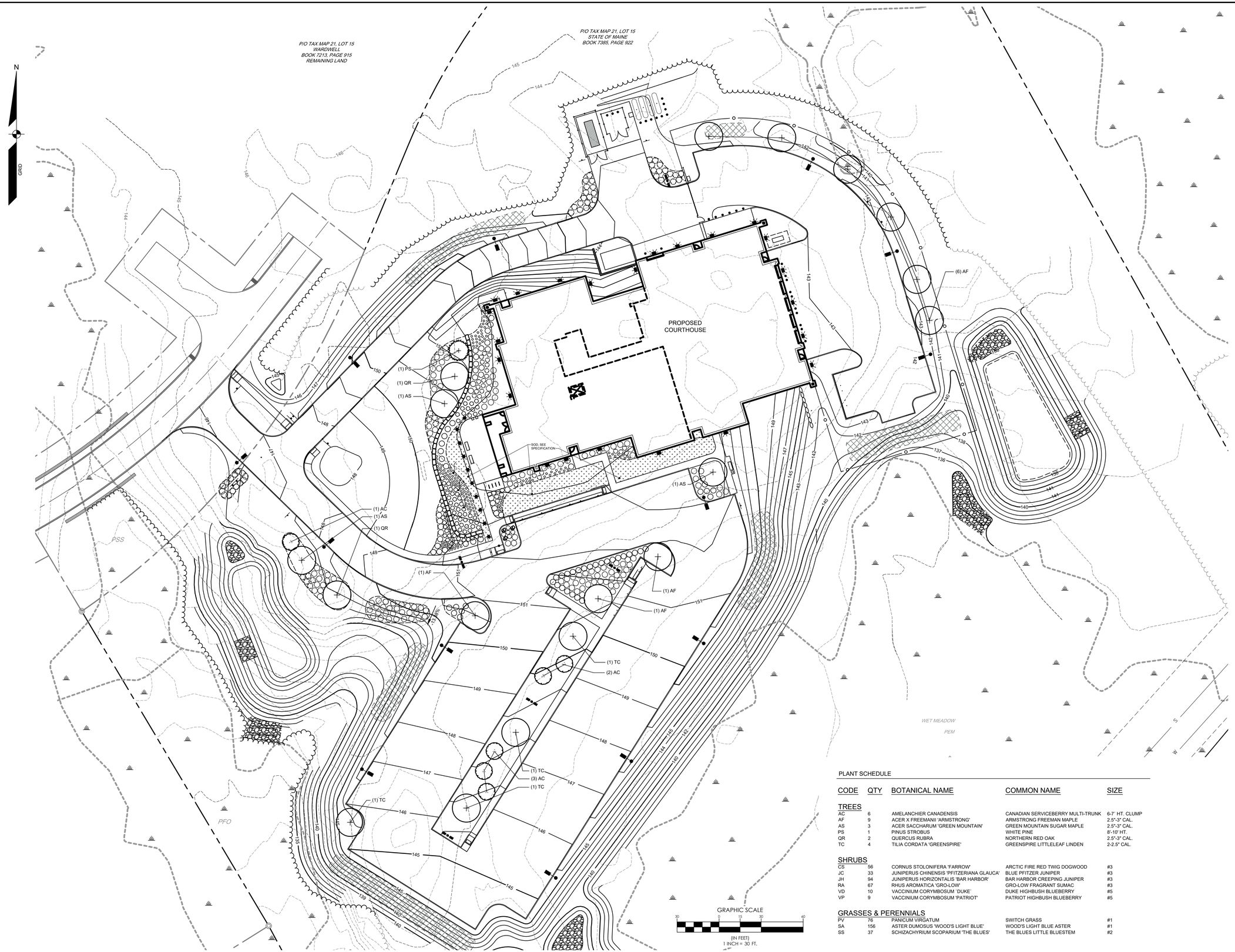
# UTILITY PLAN

OF:
HANCOCK JUDICIAL CENTER
45 MERRILL LANE
ELLSWORTH, ME

FOR:
NORTH PEAK ARCHITECTURE
P.O. BOX 338
LYMAN, ME 04002

| | |
|---|---|
| DESIGNED | WAG |
| DRAWN | SCK |
| CHECKED | WAG |
| DATE | 05/01/2026 |
| SCALE | 1" = 30' |
| PROJECT | 250369 |

SHEET C-109




PLANT SCHEDULE

| CODE | QTY | BOTANICAL NAME | COMMON NAME | SIZE |
|---|---|---|---|---|
| **TREES** | | | | |
| AC | 6 | AMELANCHIER CANADENSIS | CANADIAN SERVICEBERRY MULTI-TRUNK | 6-7' HT. CLUMP |
| AF | 9 | ACER X FREEMANII 'ARMSTRONG' | ARMSTRONG FREEMAN MAPLE | 2.5"-3" CAL. |
| AS | 3 | ACER SACCHARUM 'GREEN MOUNTAIN' | GREEN MOUNTAIN SUGAR MAPLE | 2.5"-3" CAL. |
| PS | 1 | PINUS STROBUS | WHITE PINE | 8'-10' HT. |
| QR | 2 | QUERCUS RUBRA | NORTHERN RED OAK | 2.5"-3" CAL. |
| TC | 4 | TILIA CORDATA 'GREENSPIRE' | GREENSPIRE LITTLELEAF LINDEN | 2-2.5" CAL. |
| **SHRUBS** | | | | |
| CS | 56 | CORNUS STOLONIFERA 'FARROW' | ARCTIC FIRE RED TWIG DOGWOOD | #3 |
| JC | 33 | JUNIPERUS CHINENSIS 'PFITZERIANA GLAUCA' | BLUE PFITZER JUNIPER | #3 |
| JH | 94 | JUNIPERUS HORIZONTALIS 'BAR HARBOR' | BAR HARBOR CREEPING JUNIPER | #3 |
| RA | 67 | RHUS AROMATICA 'GRO-LOW' | GRO-LOW FRAGRANT SUMAC | #3 |
| VD | 10 | VACCINIUM CORYMBOSUM 'DUKE' | DUKE HIGHBUSH BLUEBERRY | #5 |
| VP | 9 | VACCINIUM CORYMBOSUM 'PATRIOT' | PATRIOT HIGHBUSH BLUEBERRY | #5 |
| **GRASSES & PERENNIALS** | | | | |
| PV | 76 | PANICUM VIRGATUM | SWITCH GRASS | #1 |
| SA | 156 | ASTER DUMOSUS 'WOOD'S LIGHT BLUE' | WOOD'S LIGHT BLUE ASTER | #1 |
| SS | 37 | SCHIZACHYRIUM SCOPARIUM 'THE BLUES' | THE BLUES LITTLE BLUESTEM | #2 |

HANNAH VAN DER EB, PLA #5697
LICENSED LANDSCAPE ARCHITECT
HANNAH E. VAN DER EB
No. 5697
STATE OF MAINE
05/01/2026

WILLIAM A. GERRISH PE #8830
STATE OF MAINE
WILLIAM A. GERRISH
8830
REGISTERED PROFESSIONAL ENGINEER
05/01/2026

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LANDSCAPE PLAN
OF:
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45 MERRILL LANE
ELLSWORTH, ME
FOR:
NORTH PEAK ARCHITECTURE
P.O. BOX 238
LYMAN, ME 04002

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| PROJECT | 250369 |

SHEET C-110

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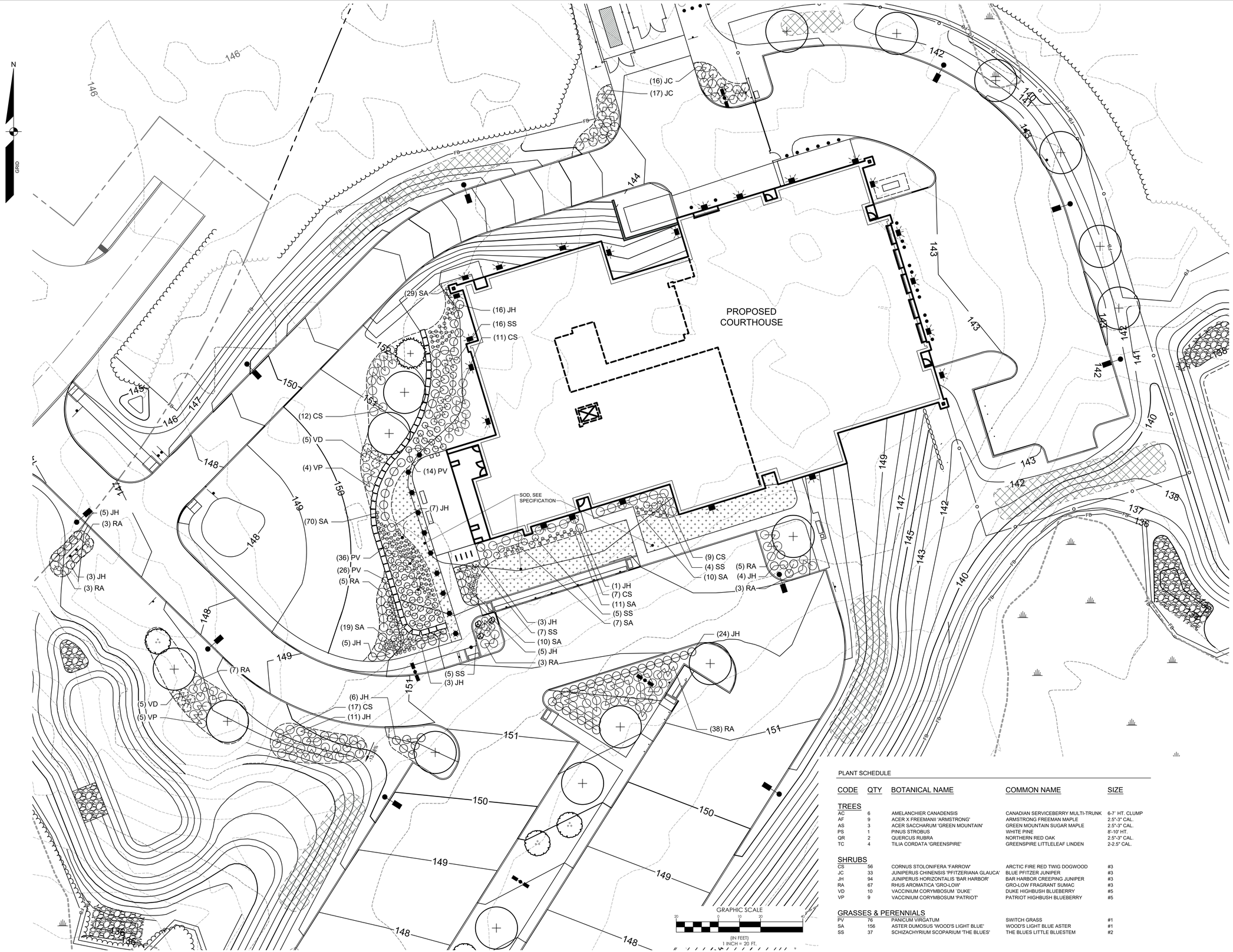
250369-L.dwg - TAB:LS - TREE




PLANT SCHEDULE

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| TC | 4 | TILIA CORDATA 'GREENSPIRE' | GREENSPIRE LITTLELEAF LINDEN | 2-2.5" CAL. |
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| VP | 9 | VACCINIUM CORYMBOSUM 'PATRIOT' | PATRIOT HIGHBUSH BLUEBERRY | #5 |
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| SA | 156 | ASTER DUMOSUS 'WOOD'S LIGHT BLUE' | WOOD'S LIGHT BLUE ASTER | #1 |
| SS | 37 | SCHIZACHYRIUM SCOPARIUM 'THE BLUES' | THE BLUES LITTLE BLUESTEM | #2 |

HANNAH VAN DER EB, PLA #5697

LICENSED LANDSCAPE ARCHITECT — HANNAH E. VAN DER EB — No. 5697 — STATE OF MAINE

WILLIAM A. GERRISH PE #8830

STATE OF MAINE — WILLIAM A. GERRISH — 8830 — REGISTERED PROFESSIONAL ENGINEER

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| 2 | WAG | 9/11/2025 | SUBMITTED PRELIMINARY PLANNING BOARD REVIEW |
| 1 | WAG | 8/15/2025 | DESIGN DEVELOPMENT SET |

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SEBAGOTECHNICS.COM
55 JOHN ROAD, SUITE A
South Portland, ME 04106
207-200-2100

South Portland, Bridgton, Sanford and Bath

# LANDSCAPE PLAN

OF:
## HANCOCK JUDICIAL CENTER
45 MERRILL LANE
ELLSWORTH, ME

FOR:
## NORTH PEAK ARCHITECTURE
P.O. BOX 238
LYMAN, ME 04002

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|---|---|
| DESIGNED | WAG |
| DRAWN | SCK |
| CHECKED | WAG |
| DATE | 05/01/2026 |
| SCALE | 1" = 20' |
| PROJECT | 250369 |

SHEET C-111

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250369-L.dwg - TAB-LANDSCAPE PLAN

# EROSION CONTROL MEASURES

PRE-CONSTRUCTION PHASE

PRIOR TO THE BEGINNING OF ANY CONSTRUCTION, SEDIMENT BARRIERS (SILT FENCE) WILL BE STAKED/INSTALLED ACROSS THE SLOPE(S), ON THE CONTOUR AT OR JUST BELOW THE LIMITS OF CLEARING OR GRUBBING, AND/OR JUST ABOVE ANY ADJACENT PROPERTY LINE OR WATERCOURSE TO PROTECT AGAINST CONSTRUCTION RELATED EROSION. THE PLACEMENT OF SEDIMENT BARRIERS SHALL BE COMPLETED IN ACCORDANCE WITH GUIDELINES ESTABLISHED IN BEST MANAGEMENT PRACTICES AND IN ACCORDANCE WITH THIS EROSION CONTROL PLAN AND DETAILS IN THIS PLAN SET. THIS NETWORK IS TO BE MAINTAINED BY THE CONTRACTOR UNTIL ALL EXPOSED SLOPES HAVE AT LEAST 90% VIGOROUS PERENNIAL VEGETATIVE COVER TO PREVENT EROSION. TEMPORARY EROSION CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER PERMANENT STABILIZATION IS ATTAINED.

PRIOR TO ANY CLEARING OR GRUBBING, A CONSTRUCTION ENTRANCE/EXIT SHALL BE CONSTRUCTED AT THE INTERSECTION OF THE PROPOSED ENTRANCES AND EXISTING ROADWAY TO AVOID TRACKING OF MUD, DUST AND DEBRIS FROM THE SITE.

PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL PREPARE A DETAILED SCHEDULE AND MARKED UP PLAN INDICATING AREAS AND COMPONENTS OF THE WORK AND KEY DATES SHOWING DATE OF DISTURBANCE AND COMPLETION OF THE WORK. THE CONTRACTOR SHALL SCHEDULE A PRE-CONSTRUCTION MEETING WITH THE MUNICIPAL STAFF. THREE COPIES OF THE SCHEDULE AND MARKED UP PLAN SHALL BE PROVIDED TO THE MUNICIPALITY THREE DAYS PRIOR TO THE SCHEDULED PRE-CONSTRUCTION MEETING. SPECIAL ATTENTION SHALL BE GIVEN TO THE 14 DAY LIMIT OF DISTURBANCE IN THE SCHEDULE ADDRESSING TEMPORARY AND PERMANENT VEGETATION MEASURES.

CONSTRUCTION AND POST-CONSTRUCTION PHASE

AREAS UNDERGOING ACTUAL CONSTRUCTION SHALL ONLY EXPOSE THAT AMOUNT OF MINERAL SOIL NECESSARY FOR PROGRESSIVE AND EFFICIENT CONSTRUCTION. AN AREA CONSIDERED OPEN IS ANY AREA NOT STABILIZED WITH PAVEMENT, VEGETATION, MULCHING, EROSION CONTROL MATS, RIPRAP OR GRAVEL BASE ON A ROAD, SUCH AS ACTIVE EXCAVATION AND ACTIVE GRADING. LIMIT THE EXPOSED AREA TO THOSE AREAS IN WHICH WORK IS ACTIVELY OCCURRING OR CAN BE MULCHED IN THE SAME DAY. OPEN AREAS SHALL BE ANCHORED WITH TEMPORARY EROSION CONTROL AS SHOWN ON THE DESIGN PLANS AND AS DESCRIBED WITHIN THIS EROSION CONTROL PLAN WITHIN SEVEN (7) DAYS OF DISTURBANCE. AREAS LOCATED WITHIN 100 FEET OF STREAMS SHALL BE ANCHORED WITH TEMPORARY EROSION CONTROL WITHIN SEVEN (7) DAYS. REFER TO WINTER EROSION CONTROL NOTES FOR THE TREATMENT OF OPEN AREAS AFTER OCTOBER 1ST OF THE CONSTRUCTION YEAR.

THE CONTRACTOR MUST INSTALL ANY ADDED MEASURES WHICH MAY BE NECESSARY TO CONTROL EROSION/SEDIMENTATION FROM THE SITE DEPENDENT UPON THE ACTUAL SITE AND WEATHER CONDITIONS. CONTINUATION OF EARTHWORK OPERATIONS ON ADDITIONAL AREAS SHALL NOT BEGIN UNTIL THE EXPOSED SOIL SURFACE ON THE AREA BEING WORKED HAS BEEN STABILIZED, IN ORDER TO MINIMIZE AREAS WITHOUT EROSION CONTROL PROTECTION.

EROSION CONTROL APPLICATIONS & MEASURES
THE PLACEMENT OF EROSION CONTROL MEASURES SHALL BE COMPLETED IN ACCORDANCE WITH GUIDELINES ESTABLISHED IN BEST MANAGEMENT PRACTICES AND IN ACCORDANCE WITH THE EROSION CONTROL PLAN AND DETAILS IN THE PLAN SET.

1. TEMPORARY MULCHING:

ALL DISTURBED AREAS SHALL BE MULCHED WITH MATERIALS SPECIFIED BELOW PRIOR TO ANY STORM EVENT. ALL DISTURBED AREAS NOT FINAL GRADED WITHIN 14 DAYS SHALL BE MULCHED. DISTURBED AREAS ADJACENT TO NATURAL RESOURCES THAT ARE NOT GRADED WITHIN SEVEN (7) DAYS SHALL BE MULCHED. ALSO, AREAS, WHICH HAVE BEEN TEMPORARILY OR PERMANENTLY SEEDED, SHALL BE MULCHED IMMEDIATELY FOLLOWING SEEDING. EROSION CONTROL BLANKETS ARE RECOMMENDED TO BE USED AT THE BASE OF GRASSED WATERWAYS AND ON SLOPES GREATER THAN 33%. MULCH ANCHORING SHOULD BE USED ON SLOPES GREATER THAN 5% AFTER SEPTEMBER 15TH OF THE CONSTRUCTION YEAR (SEE WINTER EROSION CONTROL NOTES).
TYPES OF MULCH:

HAY OR STRAW: SHALL BE APPLIED AT A RATE OF 75 LBS/1,000 S.F. (1.5 TONS PER ACRE).

EROSION CONTROL MIX: SHALL BE PLACED EVENLY AND MUST PROVIDE 100% SOIL COVERAGE. EROSION CONTROL MIX SHALL BE APPLIED SUCH THAT THE THICKNESS ON SLOPES 3:1 OR LESS IS 2 INCHES PLUS 1/2 INCH PER 20 FEET OF SLOPE UP TO 100 FEET. THE THICKNESS ON SLOPES BETWEEN 3:1 AND 2:1 SHALL BE 4 INCHES PLUS 1/2 INCH PER 20 FEET OF SLOPE UP TO 100 FEET. THIS SHALL NOT BE USED ON SLOPES GREATER THAN 2:1.

EROSION CONTROL BLANKET: SHALL BE INSTALLED SUCH THAT CONTINUOUS CONTACT BETWEEN THE MAT AND THE SOIL IS OBTAINED. INSTALL BLANKETS AND STAPLE IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.

2. SOIL STOCKPILES:

STOCKPILES OF SOIL OR SUBSOIL SHALL BE MULCHED WITH HAY OR STRAW AT A RATE OF 75 LBS/1,000 S.F. (1.5 TONS PER ACRE) OR WITH A FOUR-INCH LAYER OF WOOD WASTE EROSION CONTROL MIX. THIS WILL BE DONE WITHIN 24 HOURS OF STOCKING AND RE-ESTABLISHED PRIOR TO ANY RAINFALL. ANY SOIL STOCKPILE WILL NOT BE PLACED (EVEN COVERED WITH HAY OR STRAW) WITHIN 100 FEET FROM ANY NATURAL RESOURCES. SEDIMENT BARRIERS SHALL BE INSTALLED DOWNGRADIENT OF STOCKPILES, AND STORMWATER SHALL BE PREVENTED FROM RUNNING ONTO THE STOCKPILE.

3. NATURAL RESOURCES PROTECTION:

ANY AREAS WITHIN 100 FEET FROM ANY NATURAL RESOURCES SHALL BE MULCHED USING TEMPORARY MULCHING (AS DESCRIBED IN PART 1 OF THIS SECTION) WITHIN 7 DAYS OF EXPOSURE OR PRIOR TO ANY STORM EVENT. SEDIMENT BARRIERS (AS DESCRIBED IN PART 4 OF THIS SECTION) SHALL BE PLACED BETWEEN ANY NATURAL RESOURCE AND THE DISTURBED AREA. PROJECTS CROSSING THE NATURAL RESOURCE SHALL BE PROTECTED A MINIMUM DISTANCE OF 100 FEET ON EITHER SIDE FROM THE RESOURCE. STABILIZE AREAS WITHIN 75 FEET OF A WETLAND OR WATERBODY WITHIN 48 HOURS OF THE INITIAL DISTURBANCE OF THE SOIL OR PRIOR TO ANY STORM EVENT, WHICHEVER COMES FIRST.

4. SEDIMENT BARRIERS:

PRIOR TO THE BEGINNING OF ANY CONSTRUCTION, SEDIMENT BARRIERS SHALL BE STAKED ACROSS THE SLOPE(S), ON THE CONTOUR AT OR JUST BELOW THE LIMITS OF CLEARING OR GRUBBING, AND/OR JUST ABOVE ANY ADJACENT PROPERTY LINE OR WATERCOURSE TO PROTECT AGAINST CONSTRUCTION RELATED EROSION. SEDIMENT BARRIERS SHALL BE MAINTAINED BY THE CONTRACTOR UNTIL ALL EXPOSED SLOPES HAVE AT LEAST 90% VIGOROUS PERENNIAL VEGETATIVE COVER TO PREVENT EROSION.

SILT FENCE: SHALL BE INSTALLED PER THE DETAIL ON THE PLANS. THE EFFECTIVE HEIGHT OF THE FENCE SHALL NOT EXCEED 36 INCHES. IT IS RECOMMENDED THAT SILT FENCE BE REMOVED BY CUTTING THE FENCE MATERIALS AT GROUND LEVEL SO AS TO AVOID ADDITIONAL SOIL DISTURBANCE.

HAY BALES: SHALL NOT BE INSTALLED ADJACENT TO WETLAND. INSTALL PER THE DETAIL ON THE PLANS. BALES SHALL BE WIRE-BOUND OR STRING-TIED AND THESE BINDINGS MUST REMAIN PARALLEL WITH THE GROUND SURFACE DURING INSTALLATION TO PREVENT DETERIORATION OF THE BINDINGS. BALES SHALL BE INSTALLED WITHIN A MINIMUM 4 INCH DEEP TRENCH LINE WITH ENDS OF ADJACENT BALES TIGHTLY ABUTTING ONE ANOTHER.

EROSION CONTROL MIX: SHALL NOT BE USED ADJACENT TO WETLANDS. INSTALL PER THE DETAIL ON THE PLANS. THE MIX SHALL CONSIST PRIMARILY OF ORGANIC MATERIAL AND CONTAIN A WELL-GRADED MIXTURE OF PARTICLE SIZES AND MAY CONTAIN ROCKS LESS THAN 4 INCHES IN DIAMETER. THE MIX COMPOSITION SHALL MEET THE STANDARDS DESCRIBED WITHIN THE MDEP BEST MANAGEMENT PRACTICES. NO TRENCHING IS REQUIRED FOR INSTALLATION OF THIS BARRIER. EROSION CONTROL MIX BERMS SHALL NOT BE USED AT THE BOTTOM OF STEEP SLOPES (>8%) OR SLOPES WITH FLOWING WATER.

CONTINUOUS CONTAINED BERM: SHALL BE INSTALLED PER THE DETAIL ON THE PLANS. THIS SEDIMENT BARRIER IS EROSION CONTROL MIX PLACED WITHIN A SYNTHETIC TUBULAR NETTING AND PERFORMS AS A STURDY SEDIMENT BARRIER THAT WORKS WELL ON HARD GROUND SUCH AS FROZEN CONDITIONS, TRAVELED AREAS OR PAVEMENT. NO TRENCHING IS REQUIRED FOR INSTALLATION OF THIS BARRIER.

5. TEMPORARY CHECK DAMS:

SHALL BE INSTALLED PER THE DETAIL ON THE PLANS. CHECK DAMS ARE TO BE PLACED WITHIN DITCHES/ SWALES AS SPECIFIED ON THE DESIGN PLANS IMMEDIATELY AFTER FINAL GRADING. CHECK DAMS SHALL BE 2 FEET HIGH. TEMPORARY CHECK DAMS MAY BE REMOVED ONLY AFTER THE ROADWAYS ARE PAVED AND THE VEGETATED SWALE ARE ESTABLISHED WITH AT LEAST 90% OF VIGOROUS PERENNIAL GROWTH. THE AREA BENEATH THE CHECK DAM MUST BE SEEDED AND MULCHED IMMEDIATELY AFTER REMOVAL OF THE CHECK DAM.

STONE CHECK DAMS: STONE DAMS SHOULD BE CONSTRUCTED OF 2 TO 3 INCH STONE AND PLACED SUCH THAT COMPLETE COVERAGE OF THE SWALE IS OBTAINED AND THAT THE CENTER OF THE DAM IS 6 INCHES LOWER THAT THE OUTER EDGES.

HAY BALE CHECK DAMS: BALES SHALL BE WIRE-BOUND OR STRING-TIED. BALES SHALL BE INSTALLED WITHIN A MINIMUM 4 INCH DEEP TRENCH LINE WITH ENDS OF ADJACENT BALES TIGHTLY ABUTTING ONE ANOTHER. HAY BALES SHALL BE PLACED SUCH THAT COMPLETE COVERAGE OF THE SWALE IS OBTAINED AND THAT THE CENTER OF THE DAM IS 6 INCHES LOWER THAT THE OUTER EDGES.

MANUFACTURED CHECK DAMS: MANUFACTURED CHECK DAMS, AS SPECIFIED IN THE DETAIL ON THE PLANS, MAY BE USED IF AUTHORIZED BY THE PROPER LOCAL, STATE OR FEDERAL REGULATING AGENCIES. THESE UNITS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURE'S RECOMMENDATIONS.

6. STORMDRAIN INLET PROTECTION:

INLET PROTECTION SHALL BE PLACED AROUND A STORMDRAIN DROP INLET OR CURB INLET PRIOR TO PERMANENT STABILIZATION OF THE IMMEDIATE AND UPSTREAM DISTURBED AREAS. THEY SHALL BE CONSTRUCTED IN A MANNER THAT WILL FACILITATE CLEAN-OUT AND DISPOSAL OF TRAPPED SEDIMENTS AND MINIMIZE INTERFERENCE WITH CONSTRUCTION ACTIVITIES. ANY RESULTANT PONDING OF WATER FROM THE PROTECTION METHOD MUST NOT CAUSE EXCESSIVE INCONVENIENCE OR DAMAGE TO ADJACENT AREAS OR STRUCTURES.

HAY BALE DROP INLET PROTECTION: WE DO NOT RECOMMEND THE USE OF HAY BALES AS INLET PROTECTION.

CONCRETE BLOCK DROP INLET SEDIMENT FILTER (DROP OR CURB INLET): SHALL BE INSTALLED PER THE DETAIL ON THE PLANS. THE HEIGHT OF THE CONCRETE BLOCK BARRIER CAN VARY BUT MUST BE BETWEEN 12 AND 24 INCHES TALL. A MINIMUM OF 1 INCH CRUSHED STONE SHALL BE USED.

MANUFACTURED SEDIMENT BARRIERS AND FILTER (DROP OR CURB INLET): MANUFACTURED FILTERS, AS SPECIFIED IN THE DETAIL ON THE PLANS, MAY BE USED IF INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.

7. STABILIZED CONSTRUCTION ENTRANCE/EXIT:

PRIOR TO CLEARING AND/OR GRUBBING THE SITE A STABILIZED CONSTRUCTION ENTRANCE/EXIT SHALL BE CONSTRUCTED WHEREVER TRAFFIC WILL EXIT THE CONSTRUCTION SITE ONTO A PAVED ROADWAY IN ORDER TO MINIMIZE THE TRACKING OF SEDIMENT AND DEBRIS FROM THE CONSTRUCTION SITE ONTO PUBLIC ROADWAYS. THE ENTRANCES AND ADJACENT ROADWAY AREAS SHALL BE PERIODICALLY SWEPT TO FURTHER MINIMIZE THE TRACKING OF MUD, DUST OR DEBRIS FROM THE CONSTRUCTION AREA. THE TERM "SWEEP" IS UNDERSTOOD TO MEAN REMOVAL AND RECOVERY OF TRACKED SEDIMENT WITH A STREET SWEEPER, NOT BRUSHING THE MATERIAL INTO SWALES OR STRUCTURES WITH A MECHANICAL BROOM. STABILIZED CONSTRUCTION EXITS SHALL BE CONSTRUCTED IN AREAS SPECIFIED ON THE PLANS AND AS DETAILED ON THE PLANS. THE CONTRACTOR SHALL MAINTAIN THE STABILIZED CONSTRUCTION ENTRANCE UNTIL ALL DISTURBED AREAS ARE STABILIZED.

DUST CONTROL:

DUST CONTROL DURING CONSTRUCTION SHALL BE ACHIEVED BY THE USE OF A WATERING TRUCK TO PERIODICALLY SPRINKLE THE EXPOSED ROADWAY AREAS AS NECESSARY TO REDUCE DUST DURING THE DRY MONTHS. APPLYING OTHER DUST CONTROL PRODUCTS SUCH AS CALCIUM CHLORIDE OR OTHER MANUFACTURED PRODUCTS ARE ALLOWED IF AUTHORIZED BY THE PROPER LOCAL, STATE AND/OR FEDERAL REGULATING AGENCIES. HOWEVER, IT IS THE CONTRACTOR'S ULTIMATE RESPONSIBILITY TO MITIGATE DUST AND SOIL LOSS FROM THE SITE. IF OFFSITE TRACKING OCCURS, PUBLIC ROADS SHOULD BE SWEPT IMMEDIATELY AND NOT LESS THAN ONCE A WEEK AND PRIOR TO SIGNIFICANT STORM EVENTS.

TEMPORARY VEGETATION:

TEMPORARY VEGETATION SHALL BE APPLIED TO DISTURBED AREAS THAT WILL NOT RECEIVE FINAL GRADING FOR PERIODS UP TO 12 MONTHS. THIS PROCEDURE SHOULD BE USED EXTENSIVELY IN AREAS ADJACENT TO NATURAL RESOURCES. SEEDBED PREPARATION AND APPLICATION OF SEED SHALL BE CONDUCTED AS INDICATED IN THE PERMANENT VEGETATION SECTION OF THIS NARRATIVE. SPECIFIC SEEDS (FAST GROWING AND SHORT LIVING) SHALL BE SELECTED FROM THE MAINE EROSION AND SEDIMENT CONTROL BMP MANUALS FOR CONTRACTORS AND ENGINEERS, LATEST REVISION. ALTERNATIVE EROSION CONTROL MEASURES SHOULD BE USED IF SEEDING CAN NOT BE DONE BEFORE SEPTEMBER 15TH OF THE CONSTRUCTION YEAR.

PERMANENT VEGETATION:

REVEGETATION MEASURES SHALL COMMENCE IMMEDIATELY UPON COMPLETION OF FINAL GRADING OF AREAS TO BE LOAMED AND SEEDED. THE APPLICATION OF SEED SHALL BE CONDUCTED BETWEEN APRIL 1ST AND OCTOBER 1ST OF THE CONSTRUCTION YEAR, PLEASE REFER TO THE WINTER EROSION CONTROL NOTES FOR MORE DETAIL. REVEGETATION MEASURES SHALL CONSIST OF THE FOLLOWING:

SEEDBED PREPARATION:

A. FOUR (4) INCHES OF LOAM SHALL BE SPREAD OVER DISTURBED AREAS AND SMOOTHED TO A UNIFORM SURFACE. LOAM SHALL BE FREE OF SUBSOIL, CLAY LUMPS, STONES AND OTHER OBJECTS OVER 2 INCHES OR LARGER IN ANY DIMENSION, AND WITHOUT WEEDS, ROOTS OR OTHER OBJECTIONABLE MATERIAL.

B. SOILS TESTS SHALL BE TAKEN AT THE TIME OF SOIL STRIPPING TO DETERMINE FERTILIZATION REQUIREMENTS. SOILS TESTS SHALL BE TAKEN PROMPTLY AS TO NOT INTERFERE WITH THE 14-DAY LIMIT ON SOIL EXPOSURE. BASED UPON TEST RESULTS, SOIL AMENDMENTS SHALL BE INCORPORATED INTO THE SOIL PRIOR TO FINAL SEEDING. REFER TO SECTION 32 92 10 OF THE CONTRACT SPECIFICATIONS.

C. WORK LIME AND FERTILIZER INTO THE SOIL AS NEARLY AS PRACTICAL TO A DEPTH OF 4 INCHES WITH PROPER EQUIPMENT. ROLL THE AREA TO FIRM THE SEEDBED EXCEPT ON CLAY OR SILTY SOILS OR COARSE SAND.

APPLICATION OF SEED:

A. SEEDING: SHALL BE CONDUCTED BETWEEN APRIL 1ST AND OCTOBER 1ST OF THE CONSTRUCTION YEAR. REFER TO SECTION 32 92 20 OF THE CONTRACT SPECIFICATIONS.

B. HYDROSEEDING: SHALL BE CONDUCTED ON PREPARED AREAS WITH SLOPES LESS THAN 2:1. LIME AND FERTILIZER MAY BE APPLIED SIMULTANEOUSLY WITH THE SEED. RECOMMENDED SEEDING RATES MUST BE INCREASED BY 10% WHEN HYDROSEEDING.

C. MULCHING: SHALL COMMENCE IMMEDIATELY AFTER SEED IS APPLIED. REFER TO THE TEMPORARY MULCHING SECTION OF THIS NARRATIVE FOR DETAILS.

SODDING:
FOLLOWING SEEDBED PREPARATION, SOD CAN BE APPLIED IN LIEU OF SEEDING IN AREAS WHERE IMMEDIATE VEGETATION IS MOST BENEFICIAL SUCH AS DITCHES, AROUND STORMWATER DROP INLETS AND AREAS OF AESTHETIC VALUE. SOD SHOULD BE LAID AT RIGHT ANGLES TO THE DIRECTION OF FLOW, STARTING AT THE LOWEST ELEVATION. SOD SHOULD BE ROLLED OR TAMPED DOWN TO EVEN OUT THE JOINTS ONCE LAID DOWN. WHERE FLOW IS PREVALENT THE SOD MUST BE PROPERLY ANCHORED DOWN. IRRIGATE THE SOD IMMEDIATELY AFTER INSTALLATION. IN MOST CASES, SOD CAN BE ESTABLISHED BETWEEN APRIL 1ST AND NOVEMBER 15TH OF THE CONSTRUCTION YEAR, HOWEVER, REFER TO THE WINTER EROSION CONTROL NOTES FOR ANY ACTIVITIES AFTER OCTOBER 1ST. REFER TO SECTION 32 92 20 OF THE CONTRACT SPECIFICATIONS.

STANDARDS FOR TIMELY STABILIZATION:

STANDARD FOR THE TIMELY STABILIZATION OF DISTURBED SLOPES -- THE CONTRACTOR WILL CONSTRUCT AND STABILIZE STONE-COVERED SLOPES BY NOVEMBER 15. THE CONTRACTOR WILL SEED AND MULCH ALL SLOPES TO BE VEGETATED BY SEPTEMBER 15. THE MDEP WILL CONSIDER ANY AREA HAVING A GRADE GREATER THAN 15% (6.67H:1V) TO BE A SLOPE. IF THE CONTRACTOR FAILS TO STABILIZE ANY SLOPE TO BE VEGETATED BY SEPTEMBER 15, THEN THE CONTRACTOR WILL TAKE ONE OF THE FOLLOWING ACTIONS TO STABILIZE THE SLOPE FOR LATE FALL AND WINTER.

A. STABILIZE THE SOIL WITH TEMPORARY VEGETATION AND EROSION CONTROL MATS -- BY OCTOBER 1 THE CONTRACTOR WILL SEED THE DISTURBED SLOPE WITH WINTER RYE AT A SEEDING RATE OF 3 POUNDS PER 1,000 SQUARE FEET AND APPLY EROSION CONTROL MATS OVER THE MULCHED SLOPE. THE CONTRACTOR WILL MONITOR GROWTH OF THE RYE OVER THE NEXT 30 DAYS. IF THE RYE FAILS TO GROW AT LEAST THREE INCHES OR COVER AT LEAST 75% OF THE DISTURBED SLOPE BY NOVEMBER 1, THEN THE CONTRACTOR WILL COVER THE SLOPE WITH A LAYER OF WOOD WASTE COMPOST AS DESCRIBED IN ITEM 2(C.) OF THIS STANDARD OR WITH STONE RIPRAP AS DESCRIBED IN ITEM 2(D.) OF THIS STANDARD.
B. STABILIZE THE SLOPE WITH SOD -- THE CONTRACTOR WILL STABILIZE THE DISTURBED SLOPE WITH PROPERLY INSTALLED SOD BY OCTOBER 1. PROPER INSTALLATION INCLUDES THE CONTRACTOR PINNING THE SOD ONTO THE SLOPE WITH WIRE PINS, ROLLING THE SOD TO GUARANTEE CONTACT BETWEEN THE SOD AND UNDERLYING SOIL, AND WATERING THE SOD TO PROMOTE ROOT GROWTH INTO THE DISTURBED SOIL. THE CONTRACTOR WILL NOT USE LATE-SEASON SOD INSTALLATION TO STABILIZE SLOPES HAVING A GRADE GREATER THAN 33% (3H:1V).
C. STABILIZE THE SLOPE WITH WOOD WASTE COMPOST -- THE CONTRACTOR WILL PLACE A SIX-INCH LAYER OF WOOD WASTE COMPOST ON THE SLOPE BY NOVEMBER 15. PRIOR TO PLACING THE WOOD WASTE COMPOST, THE CONTRACTOR WILL REMOVE ANY SNOW ACCUMULATION ON THE DISTURBED SLOPE. THE CONTRACTOR WILL NOT USE WOOD WASTE COMPOST TO STABILIZE SLOPES HAVING GRADES GREATER THAN 50% (2H:1V) OR HAVING GROUNDWATER SEEPS ON THE SLOPE FACE.
D. STABILIZE THE SLOPE WITH STONE RIPRAP -- THE CONTRACTOR WILL PLACE A LAYER OF STONE RIPRAP ON THE SLOPE BY NOVEMBER 15. THE CONTRACTOR WILL HIRE A REGISTERED PROFESSIONAL ENGINEER TO DETERMINE THE STONE SIZE NEEDED FOR STABILITY AND TO DESIGN A FILTER LAYER FOR UNDERNEATH THE RIPRAP.

STANDARD FOR THE TIMELY STABILIZATION OF DISTURBED SOILS -- BY SEPTEMBER 15 THE CONTRACTOR WILL SEED AND MULCH ALL DISTURBED SOILS ON AREAS HAVING A SLOPE LESS THAN 15%. IF THE CONTRACTOR FAILS TO STABILIZE THESE SOILS BY THIS DATE, THEN THE CONTRACTOR WILL TAKE ONE OF THE FOLLOWING ACTIONS TO STABILIZE THE SOIL FOR LATE FALL AND WINTER.

A. STABILIZE THE SOIL WITH TEMPORARY VEGETATION -- BY OCTOBER 1 THE CONTRACTOR WILL SEED THE DISTURBED SOIL WITH WINTER RYE AT A SEEDING RATE OF 3 POUNDS PER 1000 SQUARE FEET, LIGHTLY MULCH THE SEEDED SOIL WITH HAY OR STRAW AT 75 POUNDS PER 1000 SQUARE FEET, AND ANCHOR THE MULCH WITH PLASTIC NETTING. THE CONTRACTOR WILL MONITOR GROWTH OF THE RYE OVER THE NEXT 30 DAYS. IF THE RYE FAILS TO GROW AT LEAST THREE INCHES OR COVER AT LEAST 75% OF THE DISTURBED SOIL BEFORE NOVEMBER 15, THEN THE APPLICANT WILL MULCH THE AREA FOR OVER-WINTER PROTECTION AS DESCRIBED IN ITEM III OF THIS STANDARD.
B. STABILIZE THE SOIL WITH SOD -- THE CONTRACTOR WILL STABILIZE THE DISTURBED SOIL WITH PROPERLY INSTALLED SOD BY OCTOBER 1. PROPER INSTALLATION INCLUDES THE CONTRACTOR PINNING THE SOD ONTO THE SOIL WITH WIRE PINS, ROLLING THE SOD TO GUARANTEE CONTACT BETWEEN THE SOD AND UNDERLYING SOIL, AND WATERING THE SOD TO PROMOTE ROOT GROWTH INTO THE DISTURBED SOIL.
C. STABILIZE THE SOIL WITH MULCH -- BY NOVEMBER 15 THE CONTRACTOR WILL MULCH THE DISTURBED SOIL BY SPREADING HAY OR STRAW AT A RATE OF AT LEAST 150 POUNDS PER 1000 SQUARE FEET ON THE AREA SO THAT NO SOIL IS VISIBLE THROUGH THE MULCH. PRIOR TO APPLYING THE MULCH, THE CONTRACTOR WILL REMOVE ANY SNOW ACCUMULATION ON THE DISTURBED AREA. IMMEDIATELY AFTER APPLYING THE MULCH, THE CONTRACTOR WILL ANCHOR THE MULCH WITH PLASTIC NETTING TO PREVENT WIND FROM MOVING THE MULCH OFF THE DISTURBED SOIL.

1. MAINTENANCE MEASURES SHALL BE APPLIED AS NEEDED DURING THE ENTIRE CONSTRUCTION CYCLE. AFTER EACH RAINFALL, SNOW STORM OR PERIOD OF THAWING AND RUNOFF, AND AT LEAST EVERY SEVEN (7) DAYS, THE CONTRACTOR SHALL PERFORM A VISUAL INSPECTION OF ALL INSTALLED EROSION CONTROL MEASURES. THE CONTRACTOR SHALL PERFORM REPAIRS NO LATER THAN THE END OF THE NEXT WORKDAY, TO ALLOW CONTINUED PROPER FUNCTIONING OF THE EROSION CONTROL MEASURE. THE CONTRACTOR SHALL PROVIDE THE NECESSARY REGULATING AGENCIES WITH WRITTEN DOCUMENTATION DESCRIBING DATES OF INSPECTIONS AND NECESSARY FOLLOW-UP WORK TO MAINTAIN EROSION CONTROL MEASURES MEETING THE REQUIREMENTS OF THIS PLAN WITHIN SEVEN (7) DAYS.

2. FOLLOWING THE TEMPORARY AND/OR FINAL SEEDINGS, THE CONTRACTOR SHALL INSPECT THE WORK AREA SEMIMONTHLY UNTIL THE SEEDINGS HAVE BEEN ESTABLISHED. ESTABLISHED MEANS A MINIMUM OF 90% OF AREAS VEGETATED WITH VIGOROUS GROWTH. RESEEDING SHALL BE CARRIED OUT BY THE CONTRACTOR WITH FOLLOW-UP INSPECTIONS IN THE EVENT OF ANY FAILURES UNTIL VEGETATION IS ADEQUATELY ESTABLISHED.

HOUSEKEEPING:

1. SPILL PREVENTION. CONTROLS MUST BE USED TO PREVENT POLLUTANTS FROM CONSTRUCTION AND WASTE MATERIALS STORED ON SITE TO ENTER STORMWATER, WHICH INCLUDES STORAGE PRACTICES TO MINIMIZE EXPOSURE OF THE MATERIALS TO STORMWATER. THE SITE CONTRACTOR OR OPERATOR MUST DEVELOP, AND IMPLEMENT AS NECESSARY, APPROPRIATE SPILL PREVENTION, CONTAINMENT, AND RESPONSE PLANNING MEASURES.

2. GROUNDWATER PROTECTION. DURING CONSTRUCTION, LIQUID PETROLEUM PRODUCTS AND OTHER HAZARDOUS MATERIALS WITH THE POTENTIAL TO CONTAMINATE GROUNDWATER MAY NOT BE STORED OR HANDLED IN AREAS OF THE SITE DRAINING TO AN INFILTRATION AREA. AN "INFILTRATION AREA" IS ANY AREA OF THE SITE THAT BY DESIGN OR AS A RESULT OF SOILS, TOPOGRAPHY AND OTHER RELEVANT FACTORS ACCUMULATES RUNOFF THAT INFILTRATES INTO THE SOIL. DIKES, BERMS, SUMPS, AND OTHER FORMS OF SECONDARY CONTAINMENT THAT PREVENT DISCHARGE TO GROUNDWATER MAY BE USED TO ISOLATE PORTIONS OF THE SITE FOR THE PURPOSES OF STORAGE AND HANDLING OF THESE MATERIALS. ANY PROJECT PROPOSING INFILTRATION OF STORMWATER MUST PROVIDE ADEQUATE PRE-TREATMENT OF STORMWATER PRIOR TO DISCHARGE OF STORMWATER TO THE INFILTRATION AREA, OR PROVIDE FOR TREATMENT WITHIN THE INFILTRATION AREA, IN ORDER TO PREVENT THE ACCUMULATION OF FINES, REDUCTION IN INFILTRATION RATE, AND CONSEQUENT FLOODING AND DESTABILIZATION.

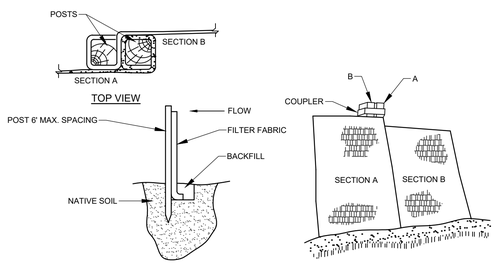
3. FUGITIVE SEDIMENT AND DUST. ACTIONS MUST BE TAKEN TO ENSURE THAT ACTIVITIES DO NOT RESULT IN NOTICEABLE EROSION OF SOILS OR FUGITIVE DUST EMISSIONS DURING OR AFTER CONSTRUCTION. OIL MAY NOT BE USED FOR DUST CONTROL, BUT OTHER WATER ADDITIVES MAY BE CONSIDERED AS NEEDED. A STABILIZED CONSTRUCTION ENTRANCE (SCE) SHOULD BE INCLUDED TO MINIMIZE TRACKING OF MUD AND SEDIMENT. IF OFF-SITE TRACKING OCCURS, PUBLIC ROADS SHOULD BE SWEPT IMMEDIATELY AND NO LESS THAN ONCE A WEEK AND PRIOR TO SIGNIFICANT STORM EVENTS. OPERATIONS DURING DRY MONTHS, THAT EXPERIENCE FUGITIVE DUST PROBLEMS, SHOULD WET DOWN UNPAVED ACCESS ROADS ONCE A WEEK OR MORE FREQUENTLY AS NEEDED WITH A WATER ADDITIVE TO SUPPRESS FUGITIVE SEDIMENT AND DUST.

4. DEBRIS AND OTHER MATERIALS. MINIMIZE THE EXPOSURE OF CONSTRUCTION DEBRIS, BUILDING AND LANDSCAPING MATERIALS, TRASH, FERTILIZERS, PESTICIDES, HERBICIDES, DETERGENTS, SANITARY WASTE AND OTHER MATERIALS TO PRECIPITATION AND STORMWATER RUNOFF. THESE MATERIALS MUST BE PREVENTED FROM BECOMING A POLLUTANT SOURCE.

5. EXCAVATION DE-WATERING. EXCAVATION DE-WATERING IS THE REMOVAL OF WATER FROM TRENCHES, FOUNDATIONS, COFFER DAMS, PONDS, AND OTHER AREAS WITHIN THE CONSTRUCTION AREA THAT RETAIN WATER AFTER EXCAVATION. IN MOST CASES THE COLLECTED WATER IS HEAVILY SILTED AND HINDERS CORRECT AND SAFE CONSTRUCTION PRACTICES. THE COLLECTED WATER REMOVED FROM THE PONDED AREA, EITHER THROUGH GRAVITY OR PUMPING, MUST BE SPREAD THROUGH NATURAL WOODED BUFFERS OR REMOVED TO AREAS THAT ARE SPECIFICALLY DESIGNED TO COLLECT THE MAXIMUM AMOUNT OF SEDIMENT POSSIBLE, LIKE A COFFERDAM SEDIMENTATION BASIN. AVOID ALLOWING THE WATER TO FLOW OVER DISTURBED AREAS OF THE SITE. EQUIVALENT MEASURES MAY BE TAKEN IF APPROVED BY THE DEPARTMENT.

6. AUTHORIZED NON-STORMWATER DISCHARGES. IDENTIFY AND PREVENT CONTAMINATION BY NON-STORMWATER DISCHARGES. WHERE ALLOWED NON-STORMWATER DISCHARGES EXIST, THEY MUST BE IDENTIFIED AND STEPS SHOULD BE TAKEN TO ENSURE THE IMPLEMENTATION OF APPROPRIATE POLLUTION PREVENTION MEASURES FOR THE NON-STORMWATER COMPONENT(S) OF THE DISCHARGE. AUTHORIZED NON-STORMWATER DISCHARGES ARE:
A. DISCHARGES FROM FIREFIGHTING ACTIVITY;
B. FIRE HYDRANT FLUSHINGS;
C. VEHICLE WASHWATER IF DETERGENTS ARE NOT USED AND WASHING IS LIMITED TO THE EXTERIOR OF VEHICLES (ENGINE, UNDERCARRIAGE AND TRANSMISSION WASHING IS PROHIBITED);
D. DUST CONTROL RUNOFF IN ACCORDANCE WITH PERMIT CONDITIONS;
E. ROUTINE EXTERNAL BUILDING WASHDOWN, NOT INCLUDING SURFACE PAINT REMOVAL, THAT DOES NOT INVOLVE DETERGENTS;
F. PAVEMENT WASHWATER (WHERE SPILLS/LEAKS OF TOXIC OR HAZARDOUS MATERIALS HAVE NOT OCCURRED, UNLESS ALL SPILLED MATERIAL HAD BEEN REMOVED) IF DETERGENTS ARE NOT USED;
G. UNCONTAMINATED AIR CONDITIONING OR COMPRESSOR CONDENSATE;
H. UNCONTAMINATED GROUNDWATER OR SPRING WATER;
I. FOUNDATION OR FOOTER DRAIN-WATER WHERE FLOWS ARE NOT CONTAMINATED;
J. UNCONTAMINATED EXCAVATION DEWATERING;
K. POTABLE WATER SOURCES INCLUDING WATERLINE FLUSHINGS; AND
L. LANDSCAPE IRRIGATION.

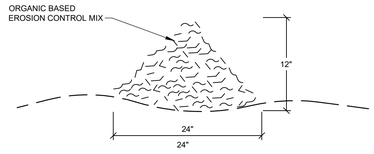
7. UNAUTHORIZED NON-STORMWATER DISCHARGES. THE D




INSTALLATION:

1. EXCAVATE A 6"x 6" TRENCH ALONG THE LINE OF PLACEMENT FOR THE FILTER BARRIER.
2. UNROLL A SECTION AT A TIME AND POSITION THE POSTS AGAINST THE BACK (DOWNSTREAM) WALL OF THE TRENCH.
3. DRIVE POSTS INTO THE GROUND UNTIL APPROXIMATELY 2" OF FABRIC IS LYING ON THE TRENCH BOTTOM.
4. LAY THE TOE-IN FLAP OF FABRIC ONTO THE UNDISTURBED BOTTOM OF THE TRENCH, BACKFILL THE TRENCH AND TAMP THE SOIL. TOE-IN CAN ALSO BE ACCOMPLISHED BY LAYING THE FABRIC FLAP ON UNDISTURBED GROUND AND PILING AND TAMPING FILL AT THE BASE, BUT MUST BE ACCOMPANIED BY AN INTERCEPTION DITCH.
5. JOIN SECTION AS SHOWN ABOVE.
6. BARRIER SHALL BE MIRAFI SILT FENCE OR EQUAL.

## FILTER BARRIER
NOT TO SCALE



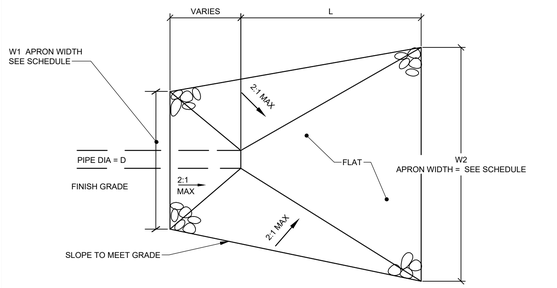

COMPOSITION:

EROSION CONTROL MIX SHALL BE MANUFACTURED ON OR OFF THE PROJECT SITE SUCH THAT ITS COMPOSITION IS IN ACCORDANCE WITH THE MDEP MAINE EROSION AND SEDIMENT CONTROL BMP MANUAL, LAST REVISED 3/2003 OR LATER. IT MUST CONSIST PRIMARILY OF ORGANIC MATERIAL, SEPARATED AT THE POINT OF GENERATION, AND MAY INCLUDE: SHREDDED BARK, STUMP GRINDINGS, COMPOSTED BARK, OR ACCEPTABLE MANUFACTURED PRODUCTS. WOOD AND BARK CHIPS, GROUND CONSTRUCTION DEBRIS OR REPROCESSED WOOD PRODUCTS WILL NOT BE ACCEPTABLE AS THE ORGANIC COMPONENT OF THE MIX.

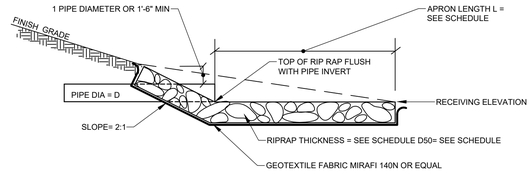
INSTALLATION:

1. THE BARRIER MUST BE PLACED ACROSS THE SLOPE, ALONG THE CONTOUR.
2. EXISTING GROUND SHALL BE PREPARED SUCH THAT THE BARRIER MAY LIE NEARLY FLAT ALONG THE GROUND TO AVOID THE CREATION OF VOIDS AND BRIDGES IN ORDER TO MINIMIZE THE POTENTIAL OF WASH OUTS UNDER THE BARRIER
3. THE BARRIER SHALL BE A MINIMUM OF 1 FOOT HIGH (AS MEASURED ON THE UPHILL SIDE) AND 2 FEET WIDE FOR SLOPES LESS THAN 5% IN GRADE AND SHALL BE WIDER TO ACCOMMODATE THE ADDITIONAL RUNOFF.
4. EROSION CONTROL MIX CAN BE INSTALLED WHERE SILT FENCE IS ILLUSTRATED ON THE DESIGN PLANS IN AREAS EXCEPT IN, BUT NOT LIMITED TO, THE FOLLOWING AREAS: WETLAND AREAS, AT POINTS OF CONCENTRATED FLOW, BELOW CULVERT OUTLET APRONS, AROUND CATCH BASINS AND CLOSED STORM SYSTEMS AND AT THE BOTTOM OF STEEP SLOPES THAT ARE MORE THAN 50 FEET FROM TOP TO BOTTOM.

## EROSION CONTROL MIX BERM
NOT TO SCALE




PLAN VIEW




SECTION VIEW

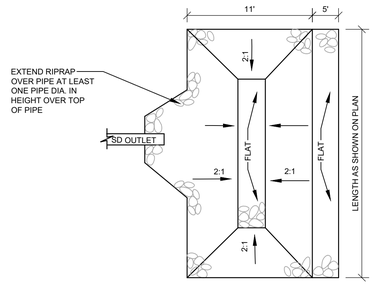
TYPICAL RIPRAP APRON SCHEDULE

| CULVERT DIAMETER - D (IN.) | APRON LENGTH - L (FT.) | WIDTH -W1 (FT) | WIDTH -W2 (FT) | RIPRAP D50 (IN.) | RIPRAP THICKNESS (IN.) |
|---|---|---|---|---|---|
| 12 | 8 | 3 | 9 | 6 | 14 |
| 15 | 10 | 4 | 12 | 6 | 14 |
| 18 | 13 | 5 | 15 | 7 | 16 |
| 24 | 18 | 6 | 20 | 8 | 18 |
| 36 | 29 | 9 | 32 | 11 | 25 |
| 42 | 33 | 11 | 37 | 12 | 27 |
| 48 | 39 | 12 | 43 | 16 | 36 |

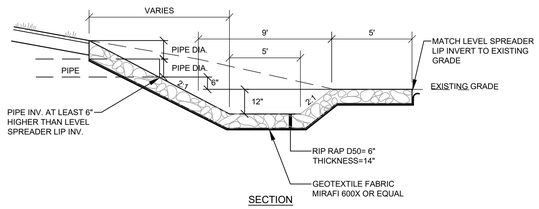
NOTES:

1. RIPRAP TO BE PROCESSED ANGULAR ROCK.
2. RIPRAP GRADIATION SHALL BE A WELL GRADED MIX FROM ABOUT 1.5 TIMES D SIZE TO 25 PERCENT OF THE D SIZE.
3. THE RIPRAP STONES SHALL BE CAREFULLY PLACED FROM THE TOE OF THE SLOPE UPWARD.
4. STONES SHALL BE LOWERED TO THE SLOPE AND NOT BE ALLOWED TO DROP MORE THAN 12" ONTO THE GEOTEXTILE.
5. THE FINISHED SURFACE SHALL BE A RELATIVELY SMOOTH, UNIFORMLY SLOPED SURFACE.

## RIPRAP APRON
NOT TO SCALE

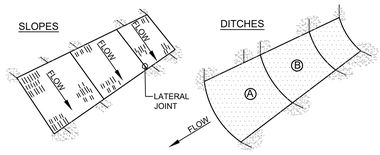



PLAN VIEW




SECTION

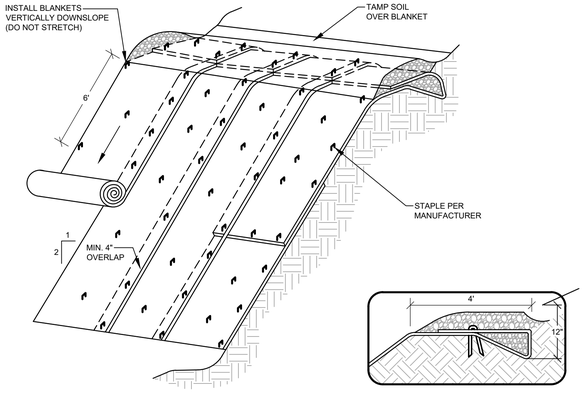
## RIPRAP LEVEL SPREADER OUTLET
NOT TO SCALE




NOTES:

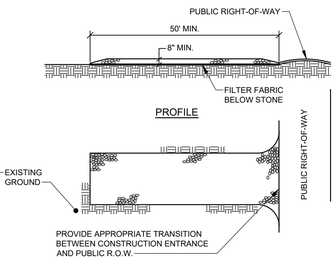
1. BURY THE TOP END OF THE MESH MATERIAL IN A 6" TRENCH AND BACKFILL AND TAMP TRENCHING SECURE END WITH STAPLES AT 6" SPACING, 4" DOWN FROM EXPOSED END.
2. FLOW DIRECTION JOINTS TO HAVE UPPER END OF LOWER STRIP BURIED WITH UPPER LAYERS OVERLAPPED 4" AND STAPLED. OVERLAP B OVER A.
3. LATERAL JOINTS TO HAVE 4" OVERLAP OF STRIPS. STAPLE 18" ON CENTER.
4. STAPLE OUTSIDE LATERAL EDGE 2" ON CENTER.
5. WIRE STAPLES TO BE MIN OF #11 WIRE 6" LONG AND 1-1/2" WIDE.
6. USE NORTH AMERICAN GREEN DS 150 OR APPROVED EQUAL.

## EROSION CONTROL BLANKET
NOT TO SCALE




CONSTRUCTION SPECIFICATIONS

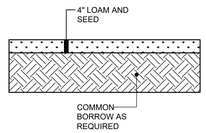
1. THE SOIL SURFACE SHOULD BE FINELY GRADED AND SMOOTH FOR THE BLANKET TO HAVE DIRECT CONTACT WITH THE SOIL AND TO PREVENT UNDERMINING. EROSION CONTROL BLANKETS PERFORM BEST ON LOAMY SOILS AND SHOULD NOT BE USED ON ROCKY SITES OR SHALLOW SOILS.
2. SEED SHOULD BE SOWN BEFORE INSTALLING THE EROSION CONTROL BLANKET.
3. ALWAYS UNROLL THE BLANKET DOWNHILL WITHOUT STRETCHING AND ANCHOR THE UPSLOPE EDGE IN A 12 INCH DEEP TRENCH THAT IS BACKFILLED AND TAMPED.
4. OVERLAP SHINGLE STYLE A MINIMUM OF 12 INCHES AT THE TOP OF EACH ROW AND 4 INCHES AT THE EDGES OF PARALLEL ROWS. ANCHOR ALONG THE OVERLAP WITH A MAXIMUM SPACING OF 3 FEET OR AS REQUIRED BY THE MANUFACTURER.



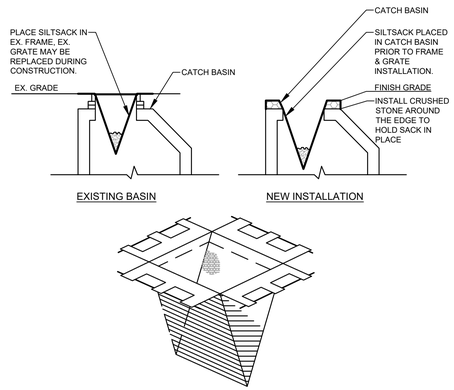

NOTES:

1. STONE SIZE- AASHTO DESIGNATION M43, SIZE NO. 2 (2 1/2" TO 1 1/2"). USE CRUSHED STONE.
2. LENGTH- AS SHOWN ON PLANS, MIN. 50 FEET.
3. THICKNESS- NOT LESS THAN EIGHT (8) INCHES.
4. WIDTH- NOT LESS THAN FULL WIDTH OF ALL POINT OF INGRESS OR EGRESS.
5. MAINTENANCE- THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHT-OF-WAY MUST BE REMOVED IMMEDIATELY.

## STABILIZED CONSTRUCTION ENTRANCE
NOT TO SCALE

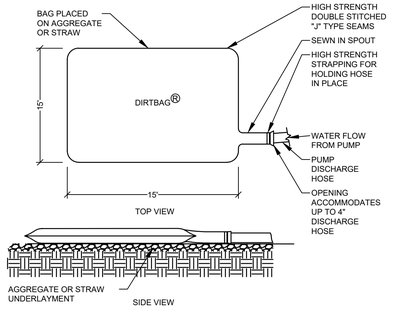



## LOAM & SEED SECTION
NOT TO SCALE




NOTES:
PRIOR TO FINAL GRADING AND PAVING OPERATIONS BEGIN A CATCH BASIN INSERT (SUCH AS A SILT SACK OR A DANDY BAG II) MUST BE INSTALLED IN EACH BASIN PER MANUFACTURES INSTRUCTIONS. HAY BALES SHOULD BE REMOVED ONCE INSERTS ARE INSTALLED.

## CATCH BASIN PROTECTION DETAIL
NOT TO SCALE




INSTALLATION NOTES

1. DEWATERING IF NECESSARY FOR STORMWATER BMP CONSTRUCTION AND REMOVAL OF ACCUMULATED SEDIMENT SHALL BE ACCOMPLISHED WITHOUT DISCHARGING SEDIMENT LADEN WATER TO THE WETLANDS ABUTTING THE SITE.
2. CONTRACTOR MAY UTILIZE A GEOTEXTILE PUMPED SEDIMENT CONTROL DEVICE ("DIRTBAG" OR EQUIVALENT).
3. DIRTBAG SHALL BE INSTALLED TO MAINTAIN A MINIMUM 75' UNDISTURBED BUFFER FROM WETLANDS.
4. INSTALL DIRTBAG ON A 3" BED OF HAY TO MAXIMIZE FLOW OF WATER THROUGH ALL SURFACES OF THE BAG.
5. SURROUND DIRTBAG WITH A DOUBLE ROW OF SILTATION FENCE, OR AN EROSION CONTROL BERM BACKED BY SILTATION FENCE.

## DIRTBAG PUMPED SILT CONTROL SYSTEM
NOT TO SCALE

WILLIAM A. GERRISH PE #8830

PE,S OR PE

| REV. | BY | DATE: |
|---|---|---|
| 5 | WAG | 5/01/2026 |
| 4 | WAG | 1/05/2026 |
| 3 | WAG | 11/13/2025 |
| 2 | WAG | 9/11/2025 |
| 1 | WAG | 8/15/2025 |

STATUS:
ISSUED FOR BID
SUBMITTED FOR FINAL REVIEW
SUBMITTED FOR FINAL PLANNING BOARD REVIEW
SUBMITTED PRELIMINARY PLANNING BOARD REVIEW
DESIGN DEVELOPMENT SET

THIS PLAN SHALL NOT BE MODIFIED WITHOUT WRITTEN PERMISSION FROM SEBAGO TECHNICS, INC. ANY ALTERATIONS, AS APPROVED BY OTHERS, SHALL BE AT THE USER'S SOLE RISK AND WITHOUT LIABILITY TO SEBAGO TECHNICS, INC.

SEBAGO TECHNICS
TECHNICS.COM
SEBAGO TECHNICS, INC.
55 JOHN ROAD, SUITE A4
South Portland, ME 04106
207-200-2100
South Portland, Bridgton, Sanford and Bath

DETAILS 1
OF:
HANCOCK JUDICIAL CENTER
45 MERRILL LANE
ELLSWORTH, ME
FOR:
NORTH PEAK ARCHITECTURE
P.O. BOX 338
LYMAN, ME 04002

| | |
|---|---|
| DESIGNED | WAG |
| DRAWN | SCK |
| CHECKED | WAG |
| DATE | 05/01/2026 |
| SCALE | NTS |
| PROJECT | 250369 |

SHEET C-502

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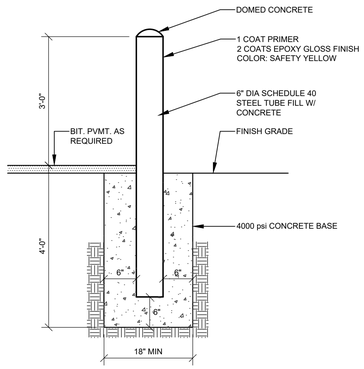
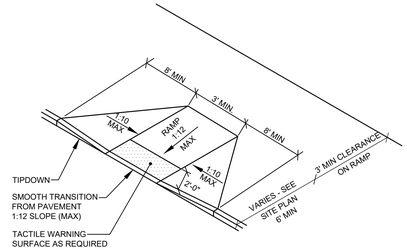
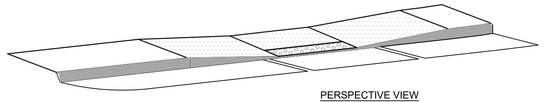
250369 D.dwg TAB:DETAILS 1



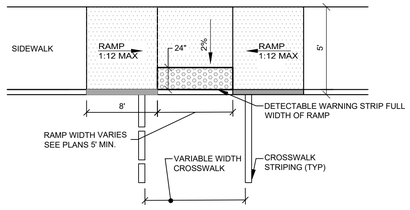

## CONCRETE FILLED METAL BOLLARD
NOT TO SCALE




## STRAIGHT ADA ACCESSIBLE RAMP
NOT TO SCALE

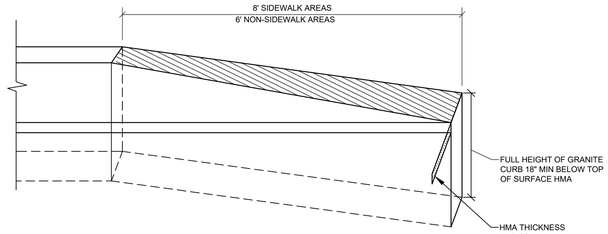


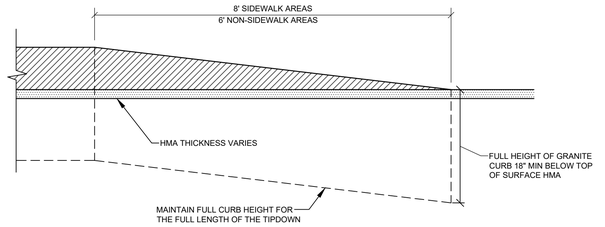
PERSPECTIVE VIEW



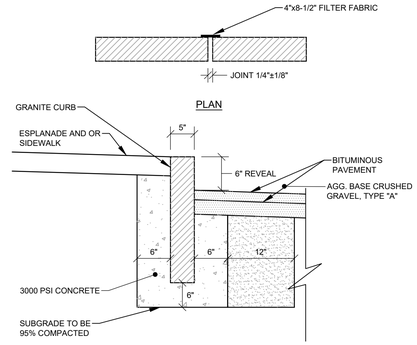

STRAIGHT RAMP

## PEDESTRIAN RAMP
NOT TO SCALE



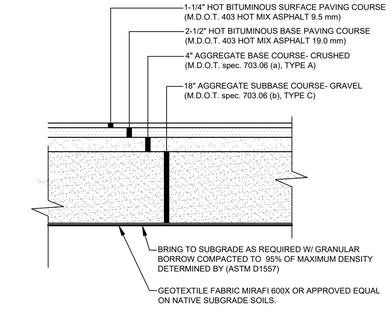




## GRANITE CURB TIPDOWN
NOT TO SCALE

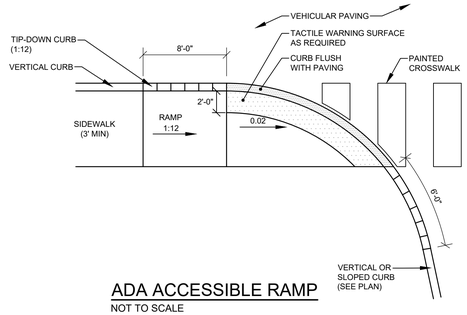



NOTES:
1. INDIVIDUAL PIECES OF CURB SHORTER THAN 4 L.F. ARE NOT ALLOWED, WITH THE EXCEPTION OF RADIAL CURB.
2. THE MINIMUM HEIGHT OF THE CONCRETE BACKING SHALL BE 10-INCHES OR TO THE BOTTOM OF THE HOT MIX
3. ASPHALT PAVEMENT, WHICHEVER IS GREATER, MEASURED FROM THE BOTTOM OF CURB.
4. CURBING SHALL BE SET IN A 6-INCH BED OF POURED IN PLACE 3,000 PSI CONCRETE MIX.
5. WOODEN SHIMS MAY BE USED TO SET CURB.

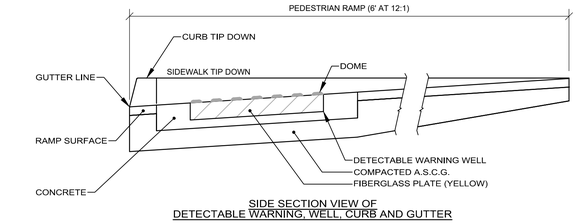
## VERTICAL GRANITE CURB
NOT TO SCALE



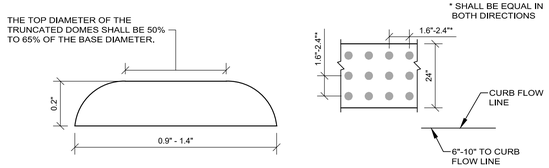

## VEHICULAR PAVEMENT SECTION
NOT TO SCALE




## ADA ACCESSIBLE RAMP
NOT TO SCALE



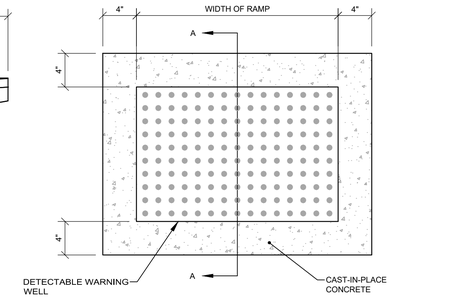

SIDE SECTION VIEW OF
DETECTABLE WARNING, WELL, CURB AND GUTTER



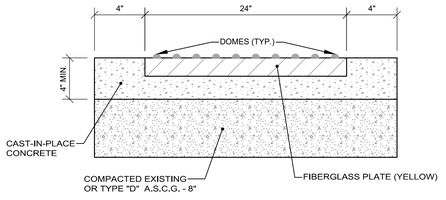

ELEVATION VIEW PLAN VIEW

DOME AND DETECTABLE WARNING DETAILS

NOTE: ALL DETECTABLE WARNING AREAS SHALL START 6" - 10"
FROM THE FLOW LINE OF THE CURB, BE 24" IN DEPTH, AND COVER
THE COMPLETE WIDTH OF THE RAMP AREA ONLY.

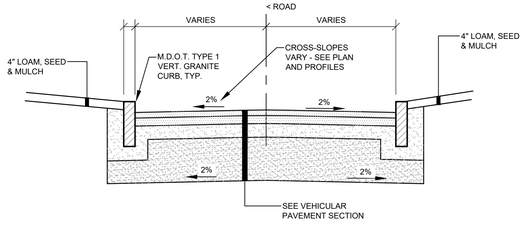



PLAN VIEW OF DETECTABLE WARNING AND WELL

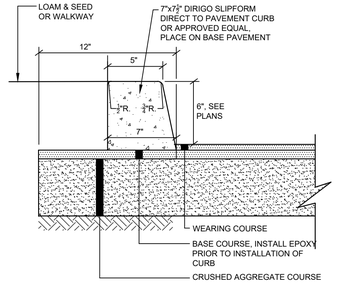



SECTION A-A

## TRUNCATED DOME PAVING
NOT TO SCALE




## ROAD SECTION W/ GRANITE CURB @ ENTRANCE RADII
NOT TO SCALE




NOTES:
1. SEE TYPICAL VEHICULAR PAVEMENT SECTION FOR ROADWAY AND PARKING LOT MATERIAL SPECIFICATIONS AND DEPTHS.
2. 6' OR 8' TIPDOWNS SHALL BE PROVIDED AS SHOWN ON PLANS.

## SLIPFORM CURB SECTION
NOT TO SCALE

F:\Projects\25000\25036\9\DWG\Design\SHEET FILES\250369 D.dwg - 4/28/2026 1:38 PM - SCOTT KENNEDY

WILLIAM A. GERRISH PE #8830

| REV. | BY | DATE: | STATUS |
|---|---|---|---|
| 5 | WAG | 5/01/2026 | ISSUED FOR BID |
| 4 | WAG | 1/05/2026 | SUBMITTED FOR FINAL REVIEW |
| 3 | WAG | 11/13/2025 | SUBMITTED FOR FINAL PLANNING BOARD REVIEW |
| 2 | WAG | 9/11/2025 | SUBMITTED PRELIMINARY PLANNING BOARD REVIEW |
| 1 | WAG | 8/15/2025 | DESIGN DEVELOPMENT SET |

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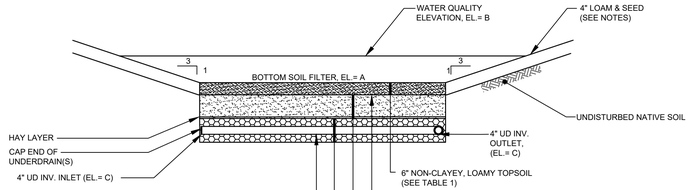
SEBAGO TECHNICS
TECHNICS
SEBAGOTECHNICS.COM
75 John Roberts Road, Suite 4A
South Portland, ME 04106
207-200-2100
South Portland, Bridgton, Sanford and Bath

DETAILS 2
OF:
HANCOCK JUDICIAL CENTER
45 MERRILL LANE
ELLSWORTH, ME
FOR:
NORTH PEAK ARCHITECTURE
P.O. BOX 338
LYMAN, ME 04002

| | |
|---|---|
| DESIGNED | WAG |
| DRAWN | SCK |
| CHECKED | WAG |
| DATE | 05/01/2026 |
| SCALE | NTS |
| PROJECT | 250369 |

SHEET C-503

250369 D.dwg, TAB:DETAILS 2




| BMP | ELEVATIONS (FT) | | | | |
|---|---|---|---|---|---|
| | A | B | C | D | E |
| UDSF-1 | 141.00 | 141.86 | 138.83 | 141.00 | 141.50 |
| UDSF-2 | 137.00 | 138.19 | 134.83 | 138.00 | 138.50 |
| UDSF-3 | 137.50 | 138.79 | 135.33 | 138.00 | 138.50 |

LONGITUDINAL SECTION

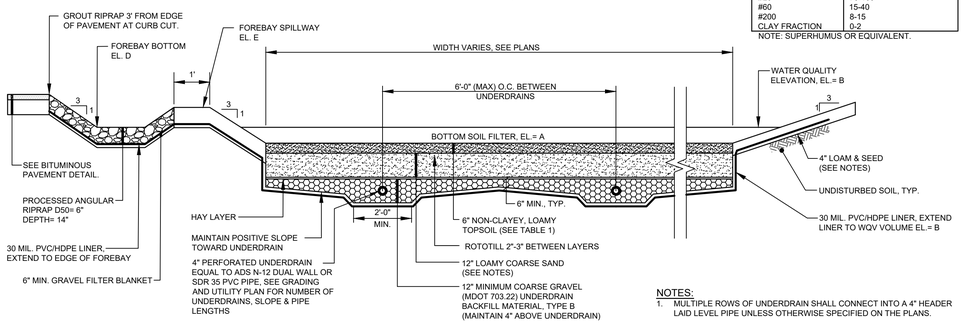
TABLE 1

| NON-CLAYEY, LOAMY TOPSOIL | |
|---|---|
| SIEVE SIZE | % PASSING BY WEIGHT |
| #4 | 75-95 |
| #10 | 60-90 |
| #40 | 35-85 |
| #200 | 20-70 |
| CLAY FRACTION | 0-2 |

TABLE 2

| LOAMY COARSE SAND LAYER | |
|---|---|
| SIEVE SIZE | % PASSING BY WEIGHT |
| #10 | 85-100 |
| #20 | 70-100 |
| #60 | 15-40 |
| #200 | 8-15 |
| CLAY FRACTION | 0-2 |

NOTE: SUPERHUMUS OR EQUIVALENT.




SECTION

NOTES:
1. MULTIPLE ROWS OF UNDERDRAIN SHALL CONNECT INTO A 4" HEADER LAID LEVEL PIPE UNLESS OTHERWISE SPECIFIED ON THE PLANS.
2. WHERE BEDROCK IS ENCOUNTERED, REMOVE ROCK TO A DEPTH AT LEAST 12" BELOW THE BOTTOM OF THE UNDERDRAIN BACKFILL.

UNDERDRAINED SOIL FILTER CONSTRUCTION OVERSIGHT NOTES:

THE APPLICANT WILL RETAIN THE SERVICES OF A PROFESSIONAL ENGINEER TO INSPECT THE CONSTRUCTION AND STABILIZATION OF THE UNDERDRAIN. IF NECESSARY, THE INSPECTING ENGINEER WILL INTERPRET THE UNDERDRAIN'S CONSTRUCTION PLAN FOR THE CONTRACTOR. ONCE ALL STORMWATER MANAGEMENT STRUCTURES ARE CONSTRUCTED AND STABILIZED, THE INSPECTING ENGINEER WILL NOTIFY THE DEPARTMENT IN WRITING WITHIN 30 DAYS TO STATE THAT THE POND HAS BEEN COMPLETED. ACCOMPANYING THE ENGINEER'S NOTIFICATION MUST BE A LOG OF THE ENGINEER'S INSPECTIONS GIVING THE DATE OF EACH INSPECTION, THE TIME OF EACH INSPECTION, AND THE ITEMS INSPECTED ON EACH VISIT, AND INCLUDE ANY TESTING DATA OR SIEVE ANALYSIS DATA OF EVERY MINERAL SOIL AND SOIL MEDIA SPECIFIED IN THE PLANS AND USED ON SITE.

1. CONSTRUCTION SEQUENCE: THE UNDERDRAIN AND VEGETATION MUST NOT BE INSTALLED UNTIL THE AREA THAT DRAINS TO THE UNDERDRAIN HAS BEEN PERMANENTLY STABILIZED WITH PAVEMENT OR OTHER STRUCTURE, 90% VEGETATION COVER, OR OTHER PERMANENT STABILIZATION UNLESS THE RUNOFF FROM THE CONTRIBUTING DRAINAGE AREA IS DIVERTED AROUND THE FILTER UNTIL STABILIZATION IS COMPLETED.
2. COMPACTION OF UNDERDRAIN: UNDERDRAIN BEDDING MATERIAL MUST BE COMPACTED TO BETWEEN 90% AND 92% STANDARD PROCTOR. THE BED SHOULD BE INSTALLED IN AT LEAST 2 LIFTS OF 9 INCHES TO PREVENT POCKETS OF LOOSE MEDIA.
3. CONSTRUCTION OVERSIGHT: INSPECTION BY A PROFESSIONAL ENGINEER WILL OCCUR AT A MINIMUM:
   - A. FOR FIRST UNDERDRAIN CONSTRUCTED, AFTER UNDERDRAIN PIPE IS INSTALLED AT GRADE AND BUT NOT BACKFILLED. AFTER THE UNDERDRAIN PIPE IS COMPLETELY BACKFILLED AND BEFORE PLACEMENT OF LOAMY COARSE SAND LAYER.
   - B. AFTER THE LOAMY COARSE SAND LAYER AND SOD/ LOAM HAS BEEN INSTALLED.
   - C. AFTER ONE YEAR TO INSPECT HEALTH OF THE VEGETATION AND MAKE CORRECTIONS.
   - D. ALL MATERIAL USED FOR THE CONSTRUCTION OF THE UNDERDRAIN MUST BE CONFIRMED AS SUITABLE BY THE DESIGN ENGINEER. TESTING MUST BE DONE BY A CERTIFIED LABORATORY.

TESTING AND SUBMITTALS
1. THE UNDERDRAIN SHALL CONSIST OF THE TOP THREE LAYERS IDENTIFIED AS LOAMY TOPSOIL, 2" TRANSITION AND 12" LOAMY COARSE SAND. THE CONTRACTOR SHALL IDENTIFY THE LOCATION OF THE SOURCE FOR EACH COMPONENT OF THE UNDERDRAIN AND SUBMIT GRADATIONS FOR THE UNDERDRAIN MATERIALS TO THE ENGINEER FOR APPROVAL. SAMPLES MUST BE A COMPOSITE OF THREE DIFFERENT LOCATIONS (GRABS) FROM THE STOCKPILE OR PIT FACE. SAMPLE SIZE REQUIRED WILL BE DETERMINED BY THE TESTING LABORATORY.

UNDERDRAIN SOIL FILTER MATERIAL NOTES:
1. ONSITE LOAM SHALL BE SCREENED FOR STONES LARGER THAN 1 INCH AND BE TESTED TO VERIFY THERE IS LESS THAN 2% CLAY CONTENT AND 5-8% ORGANIC MATTER. IF ONSITE LOAM DOES NOT MEET REQUIREMENTS, THEN LOAM FROM OFFSITE SHALL BE A NON-CLAYEY, LOAMY TOPSOIL SUCH AS A USDA SANDY LOAM TOPSOIL WITH 5-8% HUMIFIED ORGANIC MATTER.
2. THE TOPSOIL SHALL BE GENTLY MIXED WITHIN THE FILTER LAYER TO PROVIDE CONTINUITY FOR DEEP ROOT PENETRATION. THE TEETH OF A BACKHOE, A HAND RAKE, A SHOVEL OR ROTOTILLING 2-3 INCHES MAY BE USED TO CREATE A LOOSENED TRANSITION
3. THE LOAMY COARSE SAND LAYER SHALL BE TESTED IN ACCORDANCE WITH THE TESTING AND SUBMITTALS NOTES ABOVE.
4. A LAYER OF HAY SHALL BE PLACED BETWEEN 12" LOAMY COARSE LAYER AND UNDERDRAIN STONE BEDDING TO PREVENT SUBSIDENCE OR PLUGGING OF THE SAND/GRAVEL/STONE LAYER AND/OR PIPE.
5. UNDERDRAIN STONE BEDDING MATERIAL MUST CONFORM TO THE MDOT SPECIFICATION 703.22 UNDERDRAIN TYPE B FOR UNDERDRAIN BACKFILL MATERIAL. THE BEDDING MATERIAL MUST HAVE NO MORE THAN 5% PASSING THE 200 SIEVE.
6. MATERIAL LAYERS ABOVE THE UNDERDRAIN BACKFILL LAYER SHALL BE A UNIFORM MIX, FREE OF STONES, STUMPS, ROOTS, OR OTHER SIMILAR OBJECTS LARGER THAN TWO INCHES. NO OTHER MATERIALS OR SUBSTANCES THAT MAY BE HARMFUL TO PLANT GROWTH, OR PROVE A HINDRANCE TO THE PLANTING OR MAINTENANCE OPERATIONS CAN BE MIXED WITHIN THE FILTER. DURING CONSTRUCTION, CARE SHOULD BE TAKEN TO AVOID COMPACTION OF BOTH THE GRAVEL AND SOIL FILTER.
7. OVER COMPACTION OF UNDERDRAIN MATERIAL SHALL BE AVOIDED. VEHICLES AND HEAVY EQUIPMENT ARE PROHIBITED FROM DRIVING ON THE UNDERDRAINED SOIL FILTER SURFACE. IF OVER COMPACTION OCCURS, ROTOTILL AGAIN PRIOR TO SEEDING OR SODDING.
8. SNOW STORAGE IS PROHIBITED OVER THE UNDERDRAINED SOIL FILTER.

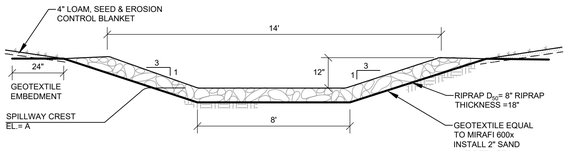
## UNDERDRAINED SOIL FILTER DETAIL
NOT TO SCALE




EMBANKMENT CONSTRUCTION
1. CONSTRUCTION OF COMMON BORROW MATERIAL MEETING M.D.O.T. SPECIFICATION.
2. PLACE BORROW MATERIAL IN 12" LIFTS COMPACTED TO 95% OF MAXIMUM DRY DENSITY.
3. INSTALL RIPRAP AND EROSION CONTROL MESH WHERE SPECIFIED ON PLANS
4. LOAM, SEED, AND STABILIZE IN ACCORDANCE WITH SEDIMENTATION AND EROSION CONTROL PLAN.

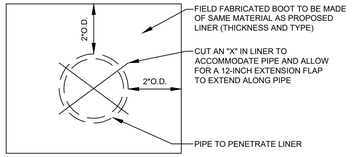
| BMP | ELEVATIONS (FT) | |
|---|---|---|
| | A | B |
| UDSF-1 | 144.00 | 142.60 |
| UDSF-2 | 140.00 | 138.70 |
| UDSF-3 | 141.00 | 139.50 |

## SPILLWAY SECTION
NOT TO SCALE

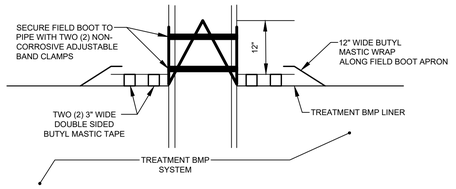



| BMP | ELEVATIONS (FT) |
|---|---|
| | A |
| UDSF-1 | 142.60 |
| UDSF-2 | 138.70 |
| UDSF-3 | 139.50 |

## EMERGENCY SPILLWAY CROSS-SECTION
NOT TO SCALE

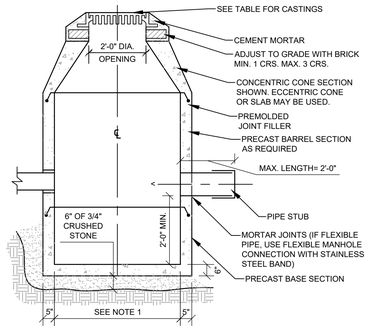



WATERTIGHT PIPE PENETRATION ELEVATION VIEW




WATERTIGHT PIPE PENETRATION PLAN VIEW

## IMPERMEABLE LINER PIPE PENETRATION
NOT TO SCALE

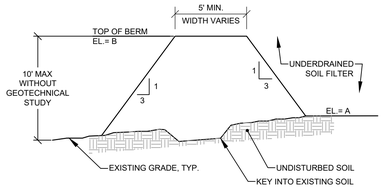



NOTES:
1. 4'-0" I.D. TYPICAL. SOME STRUCTURES MAY REQUIRE LARGER I.D. PROVIDE SHOP DRAWINGS.
2. DRAINAGE STRUCTURES TO BE DESIGNED FOR HS-20 LOADING.
3. PIPE SIZES AND INVERTS AS NOTED ON PLANS.

TABLE 1

| CATCH BASIN | FRAME AND GRATE |
|---|---|
| CB2, CB3, CB4, CB5, CB7, CB8, CB9 | EJ5520M5 OR APPROVED EQUAL |
| CB1, CB10, CB11, CB12, CB13, CB14 | EJ5520M8 OR APPROVED EQUAL |
| CB16 | EAST JORDAN 1205 FRAME & COVER, TYPE 02 "BEEHIVE" OR APPROVED EQUAL. |

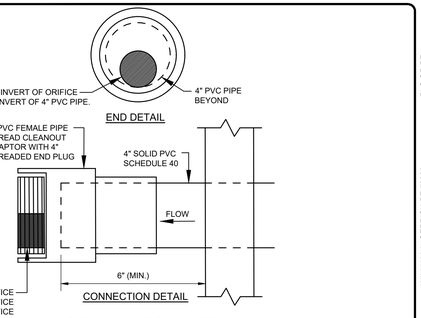
## CATCH BASIN
NOT TO SCALE



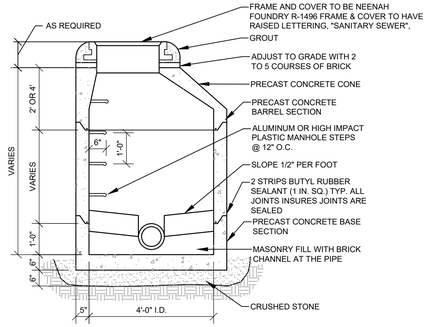

EMBANKMENT CONSTRUCTION:
1. CONSTRUCTION MATERIAL SHALL MEET M.D.O.T. SPECIFICATION 703.18.
2. PLACE BORROW MATERIAL IN 12" LIFTS COMPACTED TO 95% OF MAX. DENSITY.
3. INSTALL RIPRAP AND EROSION CONTROL MESH WHERE SPECIFIED ON PLANS.
4. LOAM, SEED, AND STABILIZE IN ACCORDANCE WITH SEDIMENTATION AND EROSION CONTROL PLAN.

| BMP | ELEVATIONS (FT) | |
|---|---|---|
| | A | B |
| UDSF-1 | 141.00 | 144.00 |
| UDSF-2 | 137.00 | 140.00 |
| UDSF-3 | 137.50 | 141.00 |

## BERM DETAIL
NOT TO SCALE

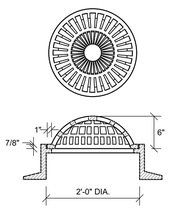



## FLANGE ADAPTOR DETAIL
NOT TO SCALE



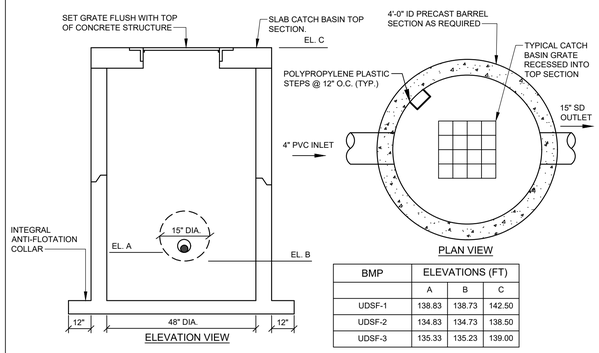

NOTE:
PIPE CONNECTIONS SHALL BE WATERTIGHT FLEXIBLE BOOT CONNECTORS PROVIDES LEAKPROOF CONNECTION

## PRECAST MANHOLE
NOT TO SCALE




NOTES:
EAST JORDAN 1205 FRAME & COVER, TYPE 02 "BEEHIVE" OR APPROVED EQUAL.

## BEEHIVE GRATE
NOT TO SCALE




| BMP | ELEVATIONS (FT) | | |
|---|---|---|---|
| | A | B | C |
| UDSF-1 | 138.83 | 138.73 | 142.50 |
| UDSF-2 | 134.83 | 134.73 | 138.50 |
| UDSF-3 | 135.33 | 135.23 | 139.00 |

## OUTLET CONTROL STRUCTURE
NOT TO SCALE

| REV. | BY | DATE | STATUS |
|---|---|---|---|
| 5 | WAG | 5/01/2026 | ISSUED FOR BID |
| 4 | WAG | 1/05/2026 | SUBMITTED FOR FINAL REVIEW |
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WILLIAM A. GERRISH PE #8830

PE STATE OF MAINE WILLIAM A. GERRISH 8830 REGISTERED PROFESSIONAL ENGINEER

PI, S OR PE

SEBAGO TECHNICS
SEBAGOTECHNICS.COM
75 John Roberts Road, Suite 4A
South Portland, ME 04106
207-200-2100
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DETAILS 3
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| | |
|---|---|
| DESIGNED | WAG |
| DRAWN | SCK |
| CHECKED | WAG |
| DATE | 05/01/2026 |
| SCALE | NTS |
| PROJECT | 250369 |

SHEET C-504

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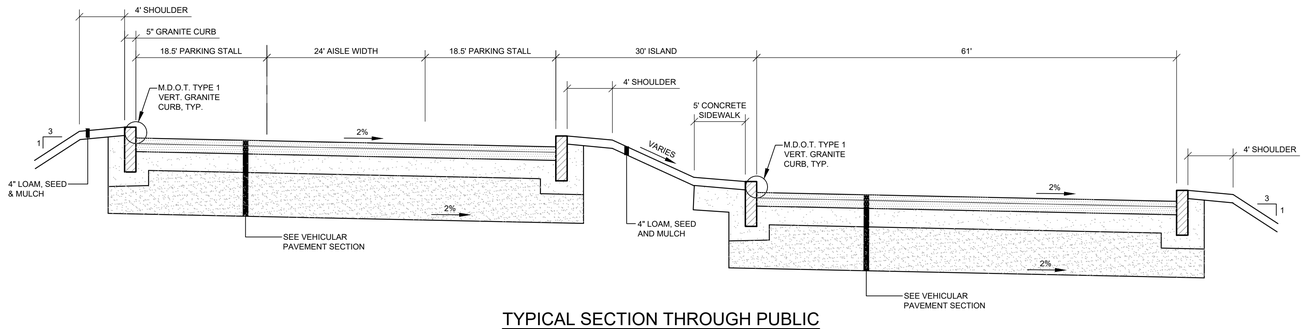
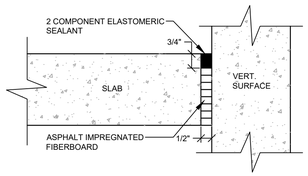
250369 D.dwg, TAB:DETAILS 3



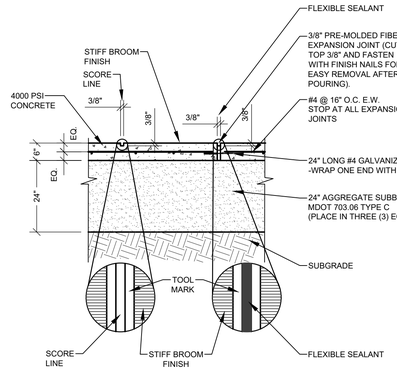

## TYPICAL SECTION THROUGH PUBLIC PARKING LOTS

NOT TO SCALE




## ISOLATION JOINT

NOT TO SCALE




## CONCRETE SIDEWALK DETAIL

NOT TO SCALE

### NOTES:

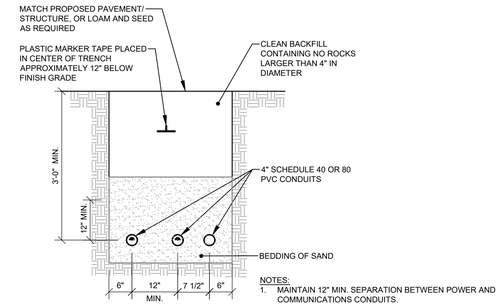
1. INSTALL SAMPLE OF CONCRETE WALK PAVEMENT FOR ARCHITECT'S APPROVAL PRIOR TO FINAL INSTALLATION.
2. SEE PLAN DRAWING FOR SCORING PATTERNS AND EXPANSION JOINT LOCATIONS.
3. PROVIDE 2" RIGID INSULATION (R-10) UNDER H.C. RAMP.

### CONCRETE NOTES:

1. ALL DIMENSIONS ARE IN FEET UNLESS STATED OTHERWISE.
2. ALL SITE CONCRETE WORK AND MATERIAL SHALL CONFORM TO THE REQUIREMENTS OF THE DRAWINGS AND SPECIFICATIONS AND MAINE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS.
3. CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI AT 28 DAYS.
4. SLUMP TEST SHALL BE TAKEN AT THE POINT OF DISCHARGE FROM EACH LOAD OF CONCRETE. SLUMP DISCHARGE SHALL BE A MINIMUM OF 2 INCHES AND 4 INCHES MAXIMUM.
5. ALL CONCRETE SIDEWALKS SHALL HAVE A BROOM FINISH.
6. ALL CONCRETE SIDEWALKS SHALL HAVE VAPOR BARRIER AND EXPANSION JOINTS, CONFORMING TO SPECIFICATIONS.
7. SIDEWALK SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE DRAWINGS AND SPECIFICATIONS.
8. SIDEWALK CROSSING STREETS AND DRIVEWAYS SHALL HAVE A TACTILE SURFACE FOR A MINIMUM OF 2-FT ADJACENET TO EACH CROSSING.
9. CURBING SHALL BE VERTICAL GRANITE, AS INDICATED ON THE DRAWINGS, AND SHALL COMPLY WITH THE REQUIREMENTS OF THE DRAWINGS AND SPECIFICATIONS AND MAINE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS.
10. REFER TO DRAWINGS FOR GENERAL LOCATION, TYPE, AND EXTENT OF CURING.

### REINFORCING STEEL NOTES:

1. ALL REINFORCING STEEL BARS SHALL BE NEW BILLET STEEL, GRADE 60 CONFORMING TO ASTM A36.

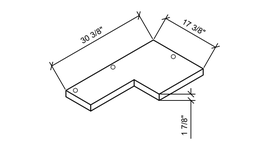


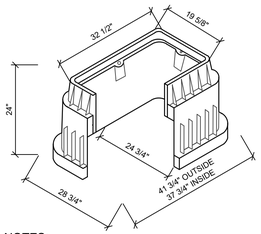

NOTES:

1. MAINTAIN 12" MIN. SEPARATION BETWEEN POWER AND COMMUNICATIONS CONDUITS.
2. WORK SHALL BE IN ACCORDANCE WITH VERSANT POWER CONSTRUCTION STANDARDS.

## PRIMARY UNDERGROUND CABLE INSTALLATION

NOT TO SCALE



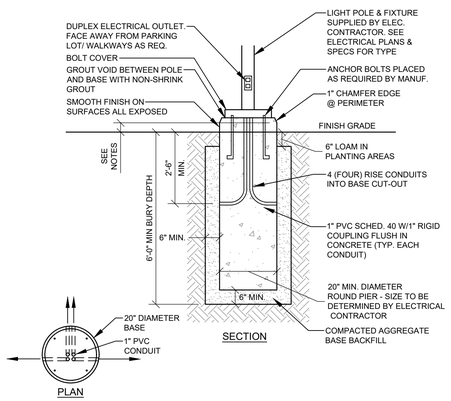




### NOTES:

1. COVER MARKING SHALL BE LETTERED "ELECTRIC", WITH DROP-N-LOCK LID.
2. ENCLOSURE BOX AND COVER SHALL BE OLD CASTLE ENCLOSURE MODEL # 1730-24 OR APPROVED EQUAL.
3. 3/8"- STAINLESS STEEL HEX HEAD BOLT W/WASHER (2)

## ELECTRICAL PULL BOX

NOT TO SCALE

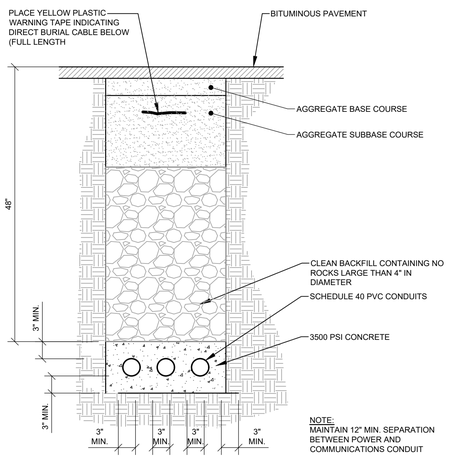



### NOTES:

1. CONCRETE f'c=5000 psi. @ 28 DAYS WITH STEEL REINFORCEMENT
2. CONDUIT AND ANCHOR BOLTS PLACED AS REQUIRED PROVIDED BY ELECTRICAL CONTRACTOR
3. PROVIDE 2 COATS BITUMINOUS DAMPROOFING FOR ALL CONCRETE BELOW GRADE.
4. INSTALL BASE 3'-0" ABOVE FINISH GRADE IN LOCATIONS WHERE POLES ARE IN PARKING LOT PAVEMENT.
5. INSTALL BASE 30" ABOVE FINISH GRADE IN LOCATIONS WHERE POLES ARE IN LANDSCAPED AREAS WITHIN 3' OF PAVED AREAS.
6. INSTALL BASE 18" ABOVE FINISH GRADE IN LOCATION WHERE POLES ARE IN LANDSCAPED AREA 3' OR MORE FROM PAVED AREAS.

## 20" ROUND LIGHT POLE BASE

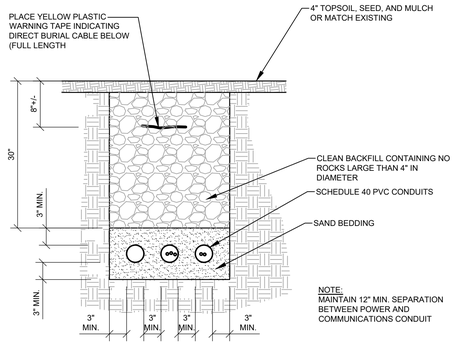
NOT TO SCALE




NOTE:
MAINTAIN 12" MIN. SEPARATION BETWEEN POWER AND COMMUNICATIONS CONDUIT

## SECONDARY CONCRETE ENCASED DUCT BANK SECTION

NOT TO SCALE




NOTE:
MAINTAIN 12" MIN. SEPARATION BETWEEN POWER AND COMMUNICATIONS CONDUIT

## SECONDARY PVC DUCT BANK SECTION

NOT TO SCALE

WILLIAM A. GERRISH PE #8930

PLS OR PE

| REV. | BY | DATE | STATUS |
|---|---|---|---|
| 5. | WAG | 5/01/2026 | ISSUED FOR BID |
| 4. | WAG | 1/05/2026 | SUBMITTED FOR FINAL REVIEW |
| 3. | WAG | 11/13/2025 | SUBMITTED FOR FINAL PLANNING BOARD REVIEW |
| 2. | WAG | 9/11/2025 | SUBMITTED PRELIMINARY PLANNING BOARD REVIEW |
| 1. | WAG | 8/15/2025 | DESIGN DEVELOPMENT SET |

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SEBAGO TECHNICS
TECHNICS
SEBAGOTECHNICS.COM
75 John Roberts Road, Suite 4A
South Portland, ME 04106
207-200-2100

South Portland, Bridgton, Sanford and Bath

DETAILS 4
OF:
HANCOCK JUDICIAL CENTER
45 MERRILL LANE
ELLSWORTH, ME
FOR:
NORTH PEAK ARCHITECTURE
P.O. BOX 338
LYMAN, ME 04002

| | |
|---|---|
| DESIGNED | WAG |
| DRAWN | SCK |
| CHECKED | WAG |
| DATE | 05/01/2026 |
| SCALE | NTS |
| PROJECT | 250369 |

SHEET C-505

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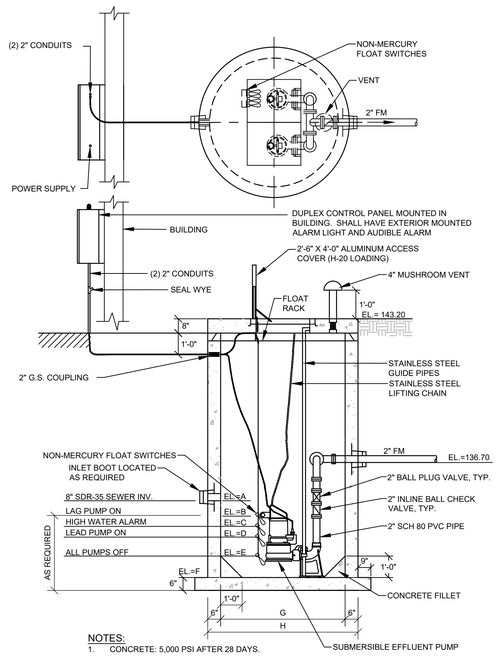
250369 D.dwg, TAB:DETAILS 4

# NOTES

1. LIFT STATION SHALL BE DUPLEX LIFT STATION PANEL AND CONTROLS FOR THE OPERATIONS OF 2.0 HOMA GRINDER PUMP OPERATING AT APPROXIMATELY THE DUTY POINT LISTED IN THE TABLE BELOW. THE PUMPS ARE MODEL GRP16/3 FM, 3 PHASE, 60 HZ, 460 VOLT, 3450 RPM AND 5.4 FLA WITH THE INSTALLED IMPELLER.
2. PUMPS SHALL HAVE BREAK AWAY FITTINGS. BREAK AWAY FITTINGS SHALL BE NON-SPARKING.
3. ALL UNDERGROUND ELECTRIC POWER LINES SHALL BE INSTALLED IN PVC CONDUIT. ABOVE GROUND SERVICES SHALL BE INSTALLED IN SCHEDULE 40 GALVANIZED CONDUIT. SIZES AS REQUIRED BY ELECTRIC COMPANY. ALL ELECTRICAL WIRING SHALL MEET ALL LOCAL AND NEC ELECTRICAL CODE REQUIREMENTS.
4. THE PANEL SHALL BE EQUIPPED WITH AN INNER DOOR THAT HAS ELAPSED TIMED METERS, WARNING LIGHTS FOR TEMPERATURE AND MOISTURE SENSORS, CONTROL SWITCHES FOR THE INDIVIDUAL PUMPS (AUTO, OFF AND RUN) AND A CONTROL SWITCH FOR THE ALARM WITH TEST AND SILENCE.
5. THE MAIN BREAKERS (CONTROL AND PUMPS) AND FUSES FOR BOTH THE ALARM AND CONTROLS SHALL BE ACCESSIBLE WITHOUT OPENING THE INNER DOOR.
6. THE PANEL SHALL HAVE BOTH AMBER VISIBLE ALARM LIGHT AND AN AUDIBLE PIEZO 80DB ALARM. THE ENCLOSURE SHALL BE A STAINLESS STEEL NEMA 4X RATED, UL698A COMPLIANT LISTED ENCLOSURE RATED FOR THE PUMPS WITH A WIRING SCHEMATIC PROVIDED ON THE INNER FACE OF THE PANEL DOOR. THE DOOR SHALL HAVE A WEATHER SEAL AND LOCKABLE LATCHES.
7. THE PANEL SHALL HAVE THE REQUIRED CIRCUITRY, CONTROLLERS, CIRCUIT BREAKERS, DELAYS, MOTOR STARTERS, RELAYS, TERMINAL BLOCK AND GROUNDING REQUIRED TO OPERATE THE PUMPS IN AN ALTERNATING SEQUENCE. PANEL, CONTROLS AND ELECTRICAL COMPONENTS SHALL BE EXPLOSION PROOF AND INTRINSICALLY SAFE.
8. THE PANEL SHALL BE MANUFACTURED BY SJE RHOMBUS, PRIMEX CONTROLS, CSI OR APPROVED EQUIVALENT.
9. THE PUMPS, CONTROLS, FLOATS AND FLOAT RACK SHALL BE SUPPLIED BY ONE DISTRIBUTOR OR MANUFACTURER. FLOAT SWITCHES SHALL BE INSTALLED WITH KWIK FLOAT SWITCH CONNECTION SYSTEM. DISTRIBUTOR OR MANUFACTURER SUPPLYING EQUIPMENT SHALL CONFIRM ALL EQUIPMENT MEETS THE INTENT OF THIS SPECIFICATION, AND THAT ALL EQUIPMENT SUPPLIED IS COMPATIBLE FOR THIS SPECIFIC APPLICATION. ALL EQUIPMENT SUPPLIED REQUIRING FACTORY START-UP TO OBTAIN WARRANTY SHALL BE INCLUDED AND PERFORMED BY FACTORY AUTHORIZED PERSONNEL. ANY DEFICIENCIES SHALL BE ADDRESSED PRIOR TO FINAL ACCEPTANCE.
10. PUMP POWER/CONTROL CABLES AND FLOAT CABLES SHALL BE ROUTED TO THE WET WELL IN SEPARATE CONDUITS WITH THE PROPER EXPANSION JOINTS, SEAL OFFS, AND EXPANSION JOINTS. PUMP AND FLOAT CABLES SHALL BE WIRED FORM WET WELL DIRECTLY TO PANEL WITH NO INTERMEDIATE JUNCTION BOXES. WIRE SIZING AND CONDUITS FEEDING AND LEAVING THE CONTROL PANEL SHALL BE PROPERLY SIZED, SHALL SUPPORT THE LOAD OF TWO PUMPS OPERATING AND MEET ALL APPLICABLE LOCAL, STATE AND NEC ELECTRICAL CODES.
11. PUMPS SHALL BE PROVIDED WITH TEMPERATURE AND MOISTURE SENSORS MATCHED TO THE PUMPS.
12. FLOAT CONTROLS SHALL BE NON-MERCURY MECHANICAL FLOATS.
13. CONCRETE: 5,000 PSI AFTER 28 DAYS. REINFORCING STEEL MIN. YIELD STRESS OF 40,000 PSI.
14. REINFORCING: WALLS & FLOOR 4X4/4X4 W.W.M. SLAB TOP #5 @ 8" O.C.
15. THE ACCESS HATCH SHALL BE H20 LOADING AND MANUFACTURED BY THE BILCO COMPANY OR EQUIVALENT. HATCH SHALL OPEN TOWARDS PUMP STATION PANEL AND HAVE INTEGRAL SECONDARY FALL PROTECTION.
16. ALL LIFT STATION PIPING SHALL BE SCH 80 PVC.
17. COAT EXTERIOR OF STRUCTURES WITH KOPPERS BITUMASTIC 3000 M OR EQUAL.
18. WET WELL SHALL BE INSTALLED ON A MINIMUM 12" BED OF SCREENED GRAVEL.
19. CONTRACTOR TO CONFIRM OPERATING ELEVATIONS WITH ENGINEER BEFORE ORDERING STATION.
20. CONTRACTOR TO SUBMIT SPECIFICATIONS FOR PUMPS, CONTROL PANELS, AND ALARM FOR OWNER AND ENGINEERS APPROVAL.
21. ELECTRIC SERVICES SHALL BE VERIFIED BY CONTRACTOR AND COORDINATED WITH OWNER, ELECTRIC COMPANY AND PUMP STATION MANUFACTURER PRIOR TO INSTALLATION. CONTRACTOR SHALL PROVIDE AND INSTALL ALL ELECTRICAL COMPONENTS REQUIRED FOR PUMP STATION MEETING APPLICABLE STATE, FEDERAL AND LOCAL CODES.
22. PRIOR TO CONSTRUCTION, CONTRACTOR SHALL MEET ON-SITE WITH OWNER AND ENGINEER TO REVIEW LOCATION OF PUMP STATION. DEPENDING ON PHYSICAL SITE FEATURES, THE ENGINEER RESERVES THE RIGHT TO MODIFY LOCATION.
23. UPON INSTALLATION OF PUMP STATION, CONTRACTOR SHALL PROVIDE OWNER WITH THE FOLLOWING:
    a. OPERATION AND MAINTENANCE MANUALS.
    b. ONE-YEAR WARRANTY ON ALL STRUCTURES, PUMP STATION MECHANICS AND ELECTRIC COMPONENTS, ALL PIPING AND CONNECTIONS.
    c. STARTUP REPORT THAT INCLUDES DRAW DOWN TESTS TO DETERMINE THE OPERATING POINTS FOR BOTH PUMPS.

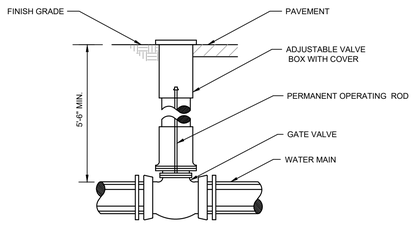
| PUMP PARAMETERS | |
|---|---|
| STATION | I |
| PUMP | HOMA |
| MODEL | GRP16/3 FM |
| IMPELLER | 5-1/32" |
| FLOW (GPM) | 42.6 |
| TDH (FT) | 48.3 |
| VOLTAGE | 460 |
| HP | 1.9 |
| PHASE | 3 |
| HERTZ | 60 |
| RPM | 3450 |




NOTES:
1. CONCRETE: 5,000 PSI AFTER 28 DAYS.
2. REINFORCING: WALLS & FLOOR 4x4/4x4 W.W.M. SLAB TOP #5 @ 8" O.C.
3. PUMP STATION TO BE SUPERIOR CONCRETE ITEM 3701A OR APPROVED EQUAL.

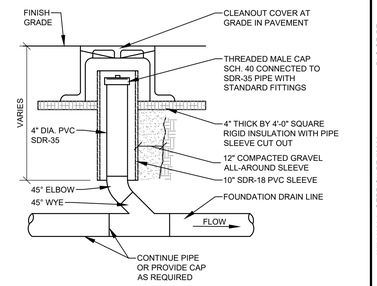
| PUMP STATION SCHEDULE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| PUMP STATION | MEASUREMENT (ft.) | | | | | | | |
| | A | B | C | D | E | F | G | H |
| I | 136.70 | 136.20 | 135.70 | 135.20 | 133.95 | 132.45 | 5.0 | 6.0 |

## PUMP STATION
NOT TO SCALE

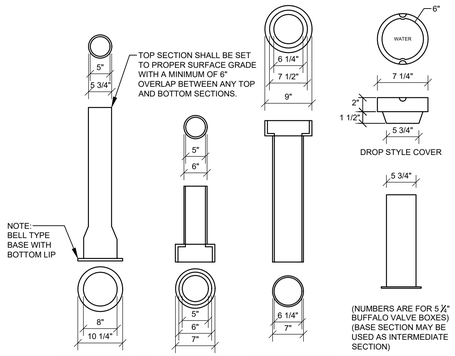



NOTE: UNLESS OTHERWISE INDICATED ALL GATE VALVES SHALL HAVE PERMANENTLY INSTALLED OPERATING RODS TERMINATING AT LEAST 2'-0" AND NOT MORE THAN 3'-0" BELOW THE TOP OF THE VALVE BOX.

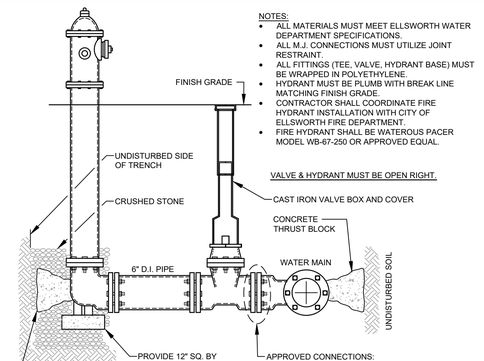
## BURIED GATE VALVE
NOT TO SCALE



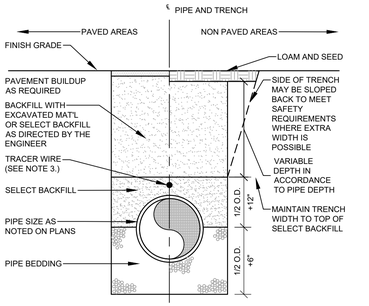

## FOUNDATION DRAIN CLEANOUT IN PAVEMENT AREAS
NOT TO SCALE




## VALVE BOX & COVER
NOT TO SCALE



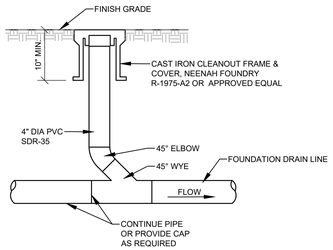

## HYDRANT INSTALLATION
NOT TO SCALE



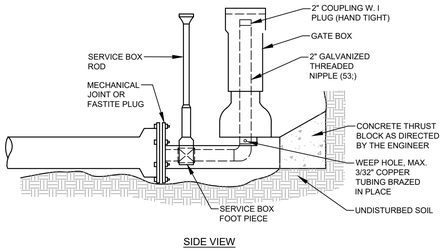

| TRENCH BACKFILL SCHEDULE | | |
|---|---|---|
| PIPE TYPE | PIPE BEDDING MATERIAL | SELECT BACKFILL |
| CORRUGATED METAL<br>DUCTILE IRON<br>REINFORCED CONCRETE | MDOT 703.22<br>TYPE B<br>UD BACKFILL | MDOT 703.22<br>TYPE B<br>UD BACKFILL |
| PVC-SDR 35<br>HDPE | MDOT 703.13<br>3/4" CRUSHED STONE | MDOT 703.22<br>TYPE B<br>UD BACKFILL, OR<br>MDOT 703.13<br>3/4" CRUSHED STONE |
| PERFORATED<br>PVC-SDR<br>35 HDPE | MDOT 703.13<br>3/4" CRUSHED STONE | MDOT 703.22<br>TYPE B<br>UD BACKFILL, OR<br>MDOT 703.13<br>3/4" CRUSHED STONE |

NOTES:
1. ALL BRACING AND SHEETING SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL MEET ALL STATE AND O.S.H.A. SAFETY STANDARDS.
2. REFER TO DRAINAGE AND UTILITY PLANS FOR VARIOUS PIPE SIZES AND MATERIALS.
3. ALL NONMETALLIC WATER AND SEWER PIPE SHALL BE PARALLELED BY METALLIC TRACER WIRE GROUNDED TO METAL AT ALL STRUCTURES. REFER SPECIFICATIONS.

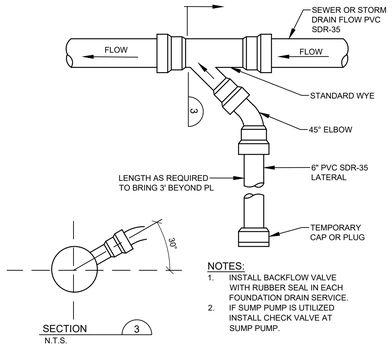
## TRENCH SECTION
NOT TO SCALE




## FOUNDATION DRAIN CLEANOUT IN GRASS/LANDSCAPE AREAS
NOT TO SCALE

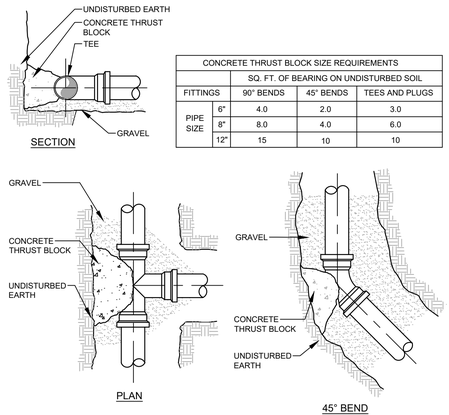



## STANDARD 2" BLOW-OFF
NOT TO SCALE



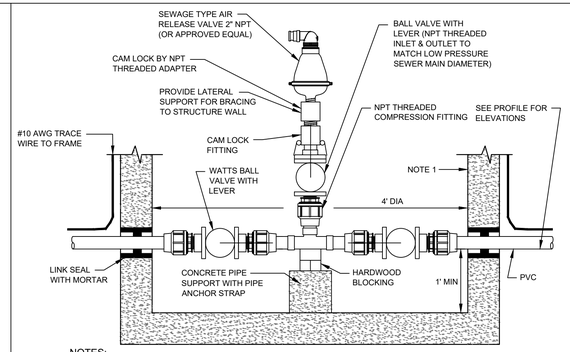

NOTES:
1. INSTALL BACKFLOW VALVE WITH RUBBER SEAL IN EACH FOUNDATION DRAIN SERVICE.
2. IF SUMP PUMP IS UTILIZED INSTALL CHECK VALVE AT SUMP PUMP.

## SEWER / FOUNDATION DRAIN SERVICE CONNECTION
NOT TO SCALE




| CONCRETE THRUST BLOCK SIZE REQUIREMENTS | | | | |
|---|---|---|---|---|
| | | SQ. FT. OF BEARING ON UNDISTURBED SOIL | | |
| FITTINGS | | 90° BENDS | 45° BENDS | TEES AND PLUGS |
| PIPE SIZE | 6" | 4.0 | 2.0 | 3.0 |
| | 8" | 8.0 | 4.0 | 6.0 |
| | 12" | 15 | 10 | 10 |

## TEE & BEND DETAIL
NOT TO SCALE




NOTES:
1. SEE STANDARD MANHOLE DETAIL SHEET C-504.
2. USE STACKED CINDER BLOCKS WITH HARDWOOD WEDGES OR PIPE SUPPORT BRACED AGAINST THE INSIDE WALL OF THE PRECAST STRUCTURE TO PROVIDE THRUST RESTRAINT FOR COMPRESSION STYLE CAPS LOCATED WITHIN INTERSECTION MANHOLES AND AIR RELEASE MANHOLES.

## AIR RELEASE MANHOLE
NOT TO SCALE

| REV. | BY | DATE: | STATUS |
|---|---|---|---|
| 5 | WAG | 5/01/2026 | ISSUED FOR BID |
| 4 | WAG | 1/05/2026 | SUBMITTED FOR FINAL REVIEW |
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| 1 | WAG | 8/15/2025 | DESIGN DEVELOPMENT SET |

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PLS OR PE

SEBAGO TECHNICS
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75 JOHN ROBERTS RD, SUITE A
South Portland, ME 04106
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DETAILS 5
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| | |
|---|---|
| DESIGNED | WAG |
| DRAWN | SCK |
| CHECKED | WAG |
| DATE | 05/01/2026 |
| SCALE | NTS |
| PROJECT | 250369 |

SHEET C-506

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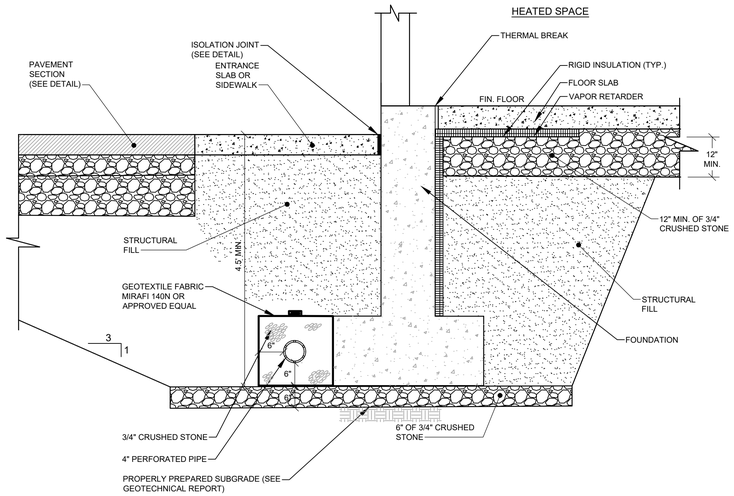
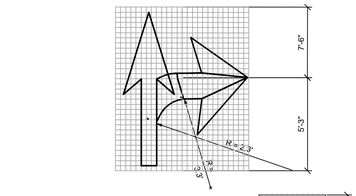
250369 D.dwg, TAB:DETAILS 5



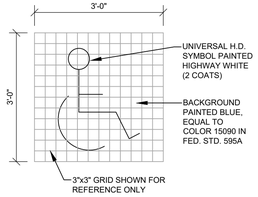

## FOUNDATION DRAIN SECTION
NOT TO SCALE



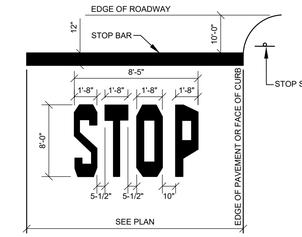

16 SQUARE FEET 13 SQUARE FEET

NOTE:
1. PAVEMENT MARKINGS SHOWN ON SITE PLANS SHALL CONFORM TO MUTCD STANDARDS

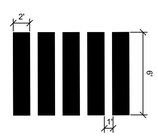
## PAVEMENT ARROW DETAILS
NOT TO SCALE




## RESERVED PARKING ...
NOT TO SCALE

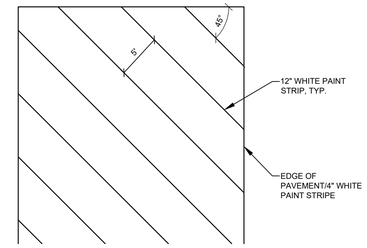



NOTE:
1. WORDS AND ARROWS FOR DRIVEWAYS SHALL BE APPLIED ACCORDING TO REQUIREMENTS AS OUTLINED IN SECTION 3B OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS.
2. THESE WORDS AND BAR ARE TO BE PAINTED REFLECTIVE WHITE.

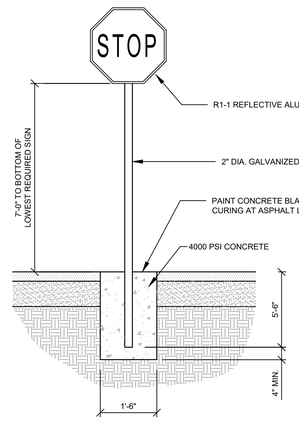



PAVEMENT MARKING NOTES
1. ALL PAVEMENT MARKINGS SHALL BE IN CONFORMANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS, U.S. DOT, FHWA, LATEST EDITION.
2. ALL PAVEMENT MARKING LINES SHALL BE PAINT AND 4" WIDE, EXCEPT FOR:
   SWSL-12"
   SYCL-12"
   CROSSWALK BARS - 24"
3. PAVEMENT WORD AND SYMBOL MARKINGS SHALL BE WHITE PAINT.
4. SOLID WHITE STOP LINE SHALL BE A MINIMUM OF 4' BEHIND THE EDGE OF CROSSWALK.

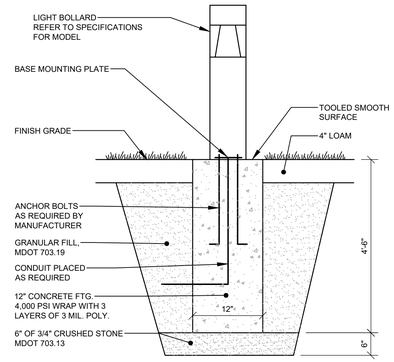
## CROSSWALK DETAIL
NOT TO SCALE



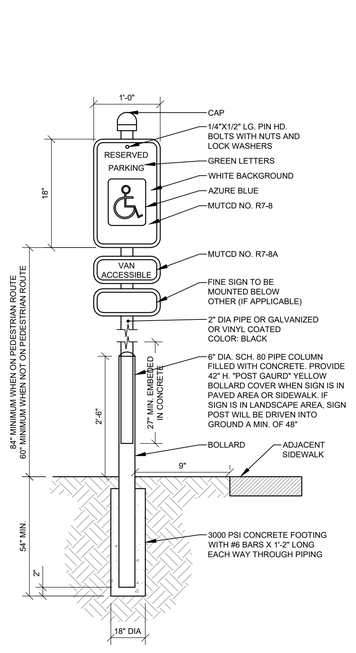

## DIAGONAL PAINT MARKINGS
NOT TO SCALE




## STOP SIGN
NOT TO SCALE




## LIGHT BOLLARD
NOT TO SCALE



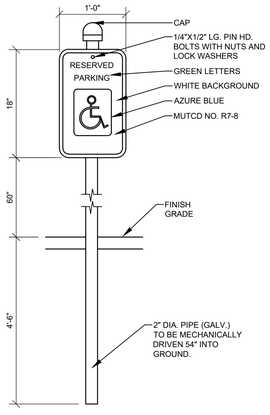

NOTE:
1. PROVIDE ADDITIONAL ACCESSIBLE FINE SINAGE AS REQUIRED BY STATE AND LOCAL REGULATIONS.
2. PROVIDE "ONE VAN" ACCESSIBLE SIGN PER 25 HC SPACES REQUIRED.
3. WHENEVER POSSIBLE SIGN SHALL BE MOUNTED CENTERED ON PARKING SPACE UNLESS SPECIFIED OTHERWISE.
4. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS PRIOR TO ORDERING MATERIALS.

## RESERVED PARKING SIGN - BOLLARD
NOT TO SCALE

R7-8 STANDARD PARKING SIGN

R7-8A STANDARD VAN ACCESS SIGN

A LOCAL MUNICIPALITY MAY HAVE MORE STRINGENT REGULATIONS BUT THEY CANNOT BE LESS STRINGENT THAN ADA STANDARDS OR STATE LAW.



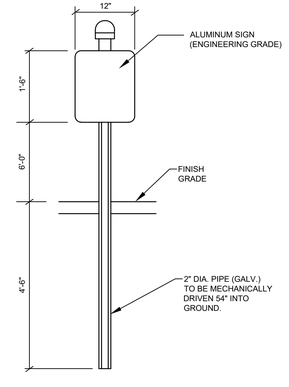

## RESERVED PARKING SIGN-POST
NOT TO SCALE

## TRAFFIC SIGNS

| IDENTIFICATION NUMBER | SIGN HEIGHT | SIGN WIDTH | POST PER SIGN | TEXT | NUMBER OF SIGNS REQ'D. | SIGN AREA SQ. FT. NOM. AREA | SIGN AREA SQ. FT. TOTAL AREA | REMARKS |
|---|---|---|---|---|---|---|---|---|
| R1-1 | 30" | 30" | 1 | STOP | 2 | 6.25 | 12.50 | PER MUTCD |
| R7-8 | 18" | 12" | 1 | RESERVED PARKING | 9 | 1.5 | 13.5 | PER MUTCD |
| R7-8a | 6" | 12" | 1 | VAN ACCESSIBLE | 2 | 0.5 | 1.0 | PER MUTCD |
| R8-3 | 24" | 18" | 1 | NO PARKING | 2 | 3.0 | 6.0 | PER MUTCD |
| W11-2 | 30" | 30" | 1 | | 2 | 6.25 | 12.5 | PER MUTCD |
| | 18" | 12" | 1 | MOTORCYCLE PARKING ONLY | 1 | 1.5 | 1.5 | |
| | 24" | 30" | 1 | AUTHORIZED VEHICLES ONLY | 2 | 5 | 10 | |
| | 18" | 12" | 1 | ELECTRIC VEHICLE PARKING ONLY | 5 | 1.5 | 7.5 | |
| | 18" | 12" | 1 | PUBLIC PARKING | 1 | 1.5 | 1.5 | |

NOTE:
ALL SIGN SHALL CONFORM TO MUTCD STANDARDS.

## SIGN DETAILS
NOT TO SCALE




## SIGN DETAIL
NOT TO SCALE

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WILLIAM A. GERRISH PE #8830

PLS OR PE

STATE OF MAINE WILLIAM A. GERRISH 8830 REGISTERED PROFESSIONAL ENGINEER

SEBAGO TECHNICS
SEBAGOTECHNICS.COM
75 John Roberts Road, Suite 4A
South Portland, ME 04106
207-200-2100
South Portland, Bridgton, Sanford and Bath

DETAILS 6
OF:
HANCOCK JUDICIAL CENTER
45 MERRILL LANE
ELLSWORTH, ME
FOR:
NORTH PEAK ARCHITECTURE
P.O. BOX 338
LYMAN, ME 04002

| | |
|---|---|
| DESIGNED | WAG |
| DRAWN | SCK |
| CHECKED | WAG |
| DATE | 05/01/2026 |
| SCALE | NTS |
| PROJECT | 250369 |

SHEET C-507

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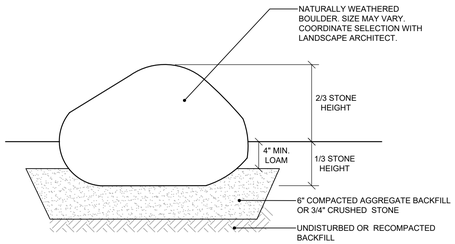
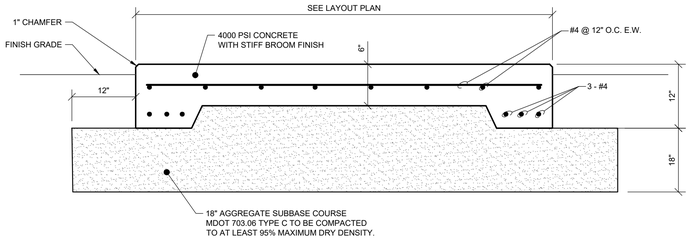



## BOULDER INSTALLATION

NOT TO SCALE




### CONCRETE NOTES:

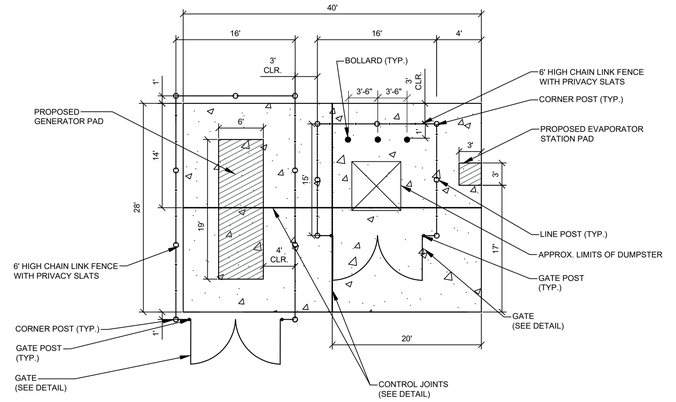
1. ALL DIMENSIONS ARE IN FEET UNLESS STATED OTHERWISE.
2. ALL SITE CONCRETE WORK AND MATERIAL SHALL CONFORM TO THE REQUIREMENTS OF THE DRAWINGS AND SPECIFICATIONS AND MAINE DEPARTMENT OF TRANSPORTATION STANDARDS SPECIFICATIONS.
3. CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI AT 28 DAYS.
4. SLUMP TEST SHALL BE TAKEN AT THE POINT OF DISCHARGE FROM EACH LOAD OF CONCRETE. SLUMP DISCHARGE SHALL BE A MINIMUM OF 2 INCHES AND 4 INCHES MAXIMUM.

### REINFORCING STEEL NOTES:

1. ALL REINFORCING STEEL BARS SHALL BE NEW BILLET STEEL, GRADE 60 CONFORMING TO ASTM A36.

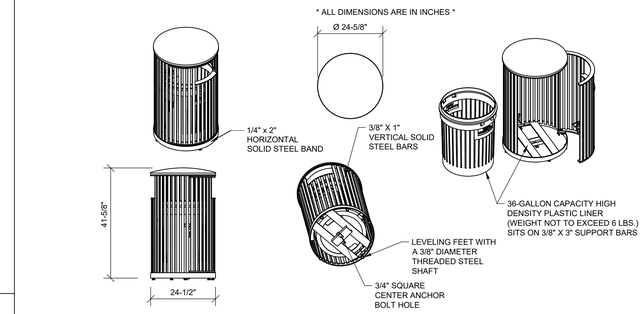
## DUMPSTER/EQUIPMENT PAD DETAIL

NOT TO SCALE




## DUMPSTER PAD PLAN VIEW

NOT TO SCALE




OPTIONS:

- POWDER COATING
- COLOR = BLACK
- SECURITY
- STANDARD INTERIOR LATCH (AS SHOWN).
- LID BOLTED IN PLACE.
- SIDE-ACCESS PLATE WITH RECYCLE
- MOUNT WITH 3 IN-LINE ANCHOR HOLES .

LIDS

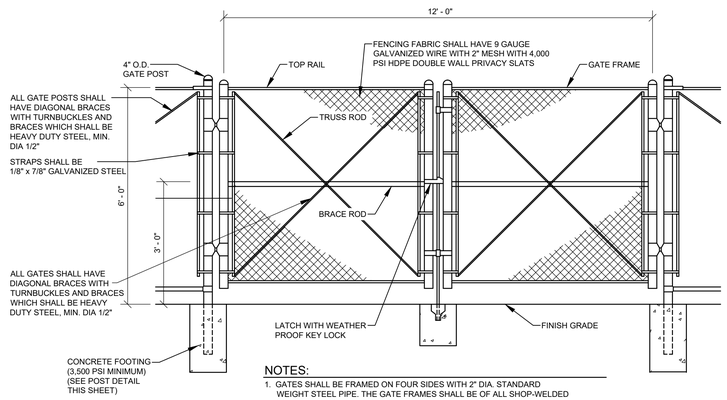
1. STANDARD WITH SOLID CONVEX LID FOR RECYCLING RECEPTACLE.
2. STAINLESS STEEL ASHTRAY. ASHTRAYS WITH ASHTRAY COVER.

### NOTES:

1. DRAWINGS NOT TO SCALE. DO NOT SCALE DRAWINGS.
2. ALL FABRICATED METAL COMPONENTS ARE STEEL SHOTBLASTED, ETCHED, PHOSPHATIZED, PREHEATED, AND ELECTROSTATICALLY POWDER-COATED WITH T.G.I.C. POLYESTER POWDER COATINGS. PRODUCTS ARE FULLY CLEANED AND PRETREATED, PREHEATED AND COATED WHILE HOT TO FILL CREVICES AND BUILD COATING THICKNESS. COATED PARTS ARE THEN FULLY CURED TO COATING MANUFACTURER'S SPECIFICATIONS. THE THICKNESS OF THE RESULTING FINISH AVERAGES 8-10 MILS (200-250 MICRONS).
3. OIL IMPREGNATED BRONZE BUSHINGS AND STAINLESS STEEL PIVOT PINS FOR DOOR MOVEMENT, STANDARD 3/16" SOLID STEEL LATCH ASSEMBLY OR OPTIONAL STAINLESS STEEL KEYED LOCK ASSEMBLY.
4. THIS VICTOR STANLEY, LLC. PRODUCT MUST BE PERMANENTLY AFFIXED TO THE GROUND. CONSULT YOUR LOCAL CODES FOR REGULATIONS.
5. VICTOR STANLEY, LLC., PLASTIC INNER LINERS ARE MOLDED ON TOOLING DESIGNED FOR AND OWNED BY VICTOR STANLEY, LLC. THEY OFFER MAXIMUM CAPACITY AND STRENGTH WITH LIGHTWEIGHT CONSTRUCTION USING CRITICAL MOLDED RIBS, INTEGRAL HANDHOLDS, AND HIGH-STRENGTH MATERIALS. THIS MINIMIZES HANDLING DIFFICULTY AND FACILITATES EASY EMPTYING AND STORAGE WHILE AFFORDING LONG SERVICE LIFE.
6. ANCHOR BOLT NOT PROVIDED BY VICTOR STANLEY, LLC.
7. FOR HIGH SALT ABUSIVE CLIMATES, HOT-DIP GALVANIZING BEFORE POWDER COATING IS AVAILABLE. HOT-DIP GALVANIZING IS PERFORMED FOR VICTOR STANLEY, LLC. BY AN EXPERIENCED QUALIFIED FIRM TO WHICH PRODUCTS ARE SHIPPED FOR GALVANIZING. HOT-DIP GALVANIZING INCLUDES AN AGGRESSIVE PRE-TREATMENT AND IMMERSION IN A TANK OF CHARGED LIQUID ZINC AT OR AROUND 860°F (460°C). THE RESULTING SURFACE IS RESISTANT TO RUST BUT HAS SOME UNEVENNESS RESULTING FROM THE BONDING OF THE ZINC TO THE STEEL SURFACE. AS A RESULT, THE POWDER-COATING SURFACE FINISH OVER THAT GALVANIZED SURFACE MAY EXHIBIT BUMPS, UNEVENNESS, AND MAY NOT BE AS SMOOTH AS THE STANDARD FINISH; THIS UNEVEN AND INCONSISTENT FINISH IS NORMAL FOR GALVANIZING. CONTACT MANUFACTURER FOR DETAILS.
8. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE. CONTACT MANUFACTURER FOR DETAILS.
9. THIS PRODUCT IS SHIPPED FULLY ASSEMBLED.

## RECYCLING RECEPTACLE & THRASH RECEPTACLE DETAIL

NOT TO SCALE

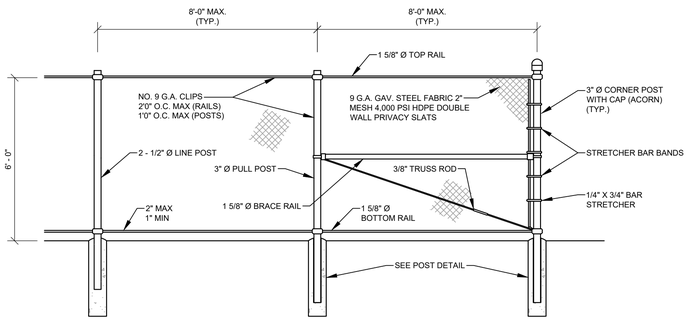



### NOTES:

1. GATES SHALL BE FRAMED ON FOUR SIDES WITH 2" DIA. STANDARD WEIGHT STEEL PIPE. THE GATE FRAMES SHALL BE OF ALL SHOP-WELDED CONSTRUCTION WITH COMPLETE FULL WELDS GROUND SMOOTH.
2. GATE HINGES SHALL BE HEAVY-DUTY MALLEABLE IRON FULL-BAK TYPE, ALLOWING FOR 180° SWING. GATE-LOCKING DEVICE SHALL BE HEAVY DUTY EXTERNAL TYPE WITH LATCH, KEEPER, AND ALL APPURTENANCES.
3. ALL GATES OVER 6-FT. HIGH SHALL HAVE AN INTERMEDIATE RAIL.

## GALVANIZED CHAIN LINK FENCE DUMPSTER SWING GATE

NOT TO SCALE

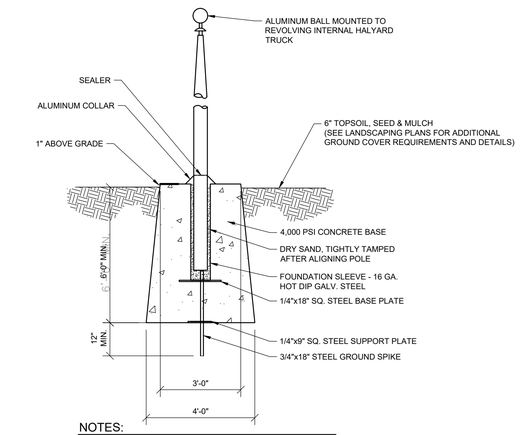



### NOTES:

1. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
2. WHERE FENCE LINE HAS A CHANGE IN DIRECTION OF 15 DEGREES OR MORE, CORNER POSTS WITH BRACING SHALL BE ERECTED.
3. DIAGONAL BRACING AND CENTER BRACE TO BE ERECTED AT ALL GATE POSTS

## DUMPSTER/GENERATOR CHAIN LINK FENCE DETAIL

NOT TO SCALE




### NOTES:

1. CENTER FLAG POLE SHALL BE 40' HIGH. OUTER FLAGPOLES SHALL BE 35' HIGH.
2. FLAGPOLE TO BE DELEGATED DESIGN BY MANUFACTURER AND SHALL BE DESIGNED TO WITHSTAND 120 MPH WINDS (FLAGGED).
3. SUBMIT SHOP DRAWINGS FOR OWNER APPROVAL.

## ALUMINUM FLAGPOLE DETAIL

NOT TO SCALE

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WILLIAM A. GERRISH PE #8930
PLS OR PE
STATE OF MAINE WILLIAM A. GERRISH 8930 REGISTERED PROFESSIONAL ENGINEER
STATE OF MAINE KEVIN M. SMITH 2501 REGISTERED LAND SURVEYOR
SEBAGO TECHNICS
SEBAGOTECHNICS.COM
75 John Roberts Road, Suite 4A
South Portland, ME 04106
207-200-2100
South Portland, Bridgton, Sanford and Bath

DETAILS 7
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| PROJECT | 250369 |

SHEET C-508

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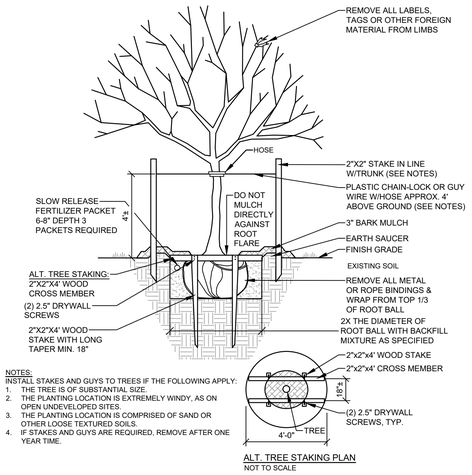
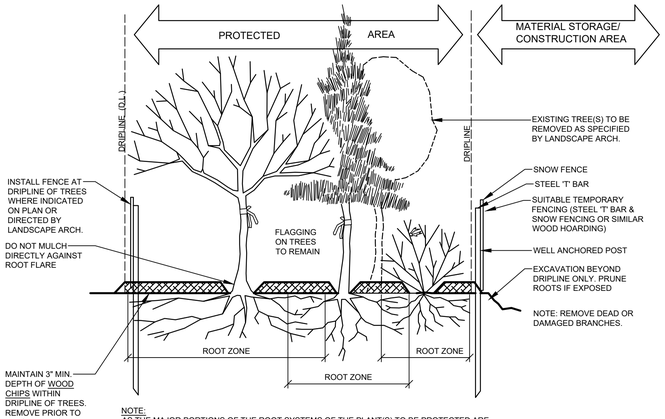



NOTES:
INSTALL STAKES AND GUYS TO TREES IF THE FOLLOWING APPLY:
1. THE TREE IS OF SUBSTANTIAL SIZE.
2. THE PLANTING LOCATION IS EXTREMELY WINDY, AS ON OPEN UNDEVELOPED SITES.
3. THE PLANTING LOCATION IS COMPRISED OF SAND OR OTHER LOOSE TEXTURED SOILS.
4. IF STAKES AND GUYS ARE REQUIRED, REMOVE AFTER ONE YEAR TIME.

ALT. TREE STAKING PLAN
NOT TO SCALE

## DECIDUOUS TREES
NOT TO SCALE

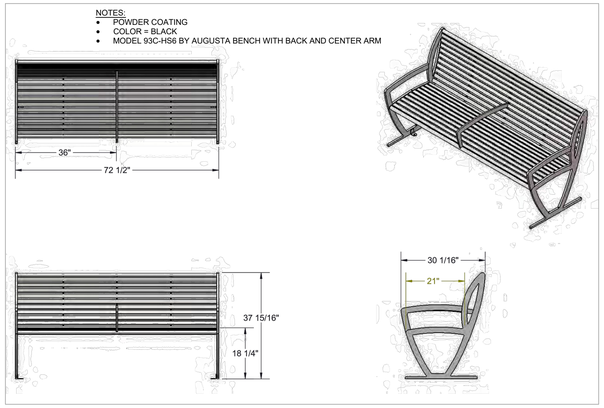



NOTE:
AS THE MAJOR PORTIONS OF THE ROOT SYSTEMS OF THE PLANT(S) TO BE PROTECTED ARE WITHIN THE DRIPLINE ZONE, THIS ENTIRE AREA SHOULD BE FENCED OFF (TO A MINIMUM HEIGHT OF 4') PRIOR TO CONSTRUCTION AND REMOVED THEREAFTER. FOR MAXIMUM PROTECTION, NO VEHICLE TRESPASS, EXCAVATION, FILL, WASTE DISCHARGE OR OR MATERIAL STORAGE SHOULD BE ALLOWED IN THIS ZONE.

## TREE PROTECTION DETAIL
## CROSS-SECTION OF TYPICAL PLANT GROUPING
NOT TO SCALE

## LANDSCAPE NOTES

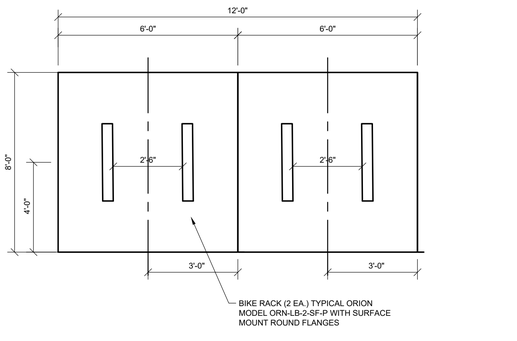
1. PLANT QUANTITIES SHOWN ON PLANS ARE FOR CONVENIENCE TO THE CONTRACTOR ONLY. THE CONTRACTOR IS RESPONSIBLE FOR ALL PLANT MATERIAL INSTALLATION AS SHOWN ON PLANS.
2. SIZE AND GRADING STANDARDS OF PLANT MATERIALS SHALL CONFORM TO THE LATEST EDITION OF "U.S.A. STANDARD FOR NURSERY STOCK," BY THE AMERICAN ASSOCIATION OF NURSERYMEN, INC.
3. ALL PLANT MATERIAL SHALL BE FREE FROM INSECTS AND DISEASE.
4. ALL PLANTING SHALL BE DONE IN ACCORDANCE WITH ACCEPTABLE HORTICULTURAL PRACTICES. THIS IS TO INCLUDE PROPER PLANTING MIX, PLANT BED AND TREE PIT PREPARATION, PRUNING, STAKING OR GUYING, WRAPPING, SPRAYING, FERTILIZATION, PLANTING AND ADEQUATE MAINTENANCE UNTIL ACCEPTANCE BY THE OWNER.
5. PLANT MATERIAL SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR BY THE CONTRACTOR AND A PERIOD OF TWO YEARS THEREAFTER BY THE OWNER FROM DATE OF INSTALLATION. DURING THE ONE YEAR GUARANTEE PERIOD, DEAD PLANT MATERIAL SHALL BE REPLACED AT NO COST TO THE OWNER. AT THE END OF THE ONE YEAR PERIOD, THE CONTRACTOR SHALL OBTAIN FINAL ACCEPTANCE FROM THE OWNER.
6. ALL GRASS, OTHER VEGETATION AND DEBRIS SHALL BE REMOVED FROM ALL PLANTING AREAS PRIOR TO PLANTING.
7. EXISTING TREES TO BE PRESERVED WILL BE PROTECTED DURING CONSTRUCTION AND SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR.
8. THE LANDSCAPE CONTRACTOR IS ADVISED OF THE PRESENCE OF THE UNDERGROUND UTILITIES AND SHALL VERIFY THE EXISTENCE AND LOCATION OF SAME BEFORE COMMENCING AND DIGGING OPERATIONS. THE LANDSCAPE CONTRACTOR SHALL REPLACE OR REPAIR UTILITIES, PAVING, WALKS, CURBING, ETC. DAMAGED IN PERFORMANCE OF THIS JOB AT NO ADDITIONAL COST TO THE OWNER.
9. ALL SHRUB BEDS SHALL BE MULCHED WITH 3" CLEAN SHREDDED DARK BROWN BARK MULCH.
10. THE CONTRACTOR SHALL PROVIDE 4" LOAM FOR ALL AREAS TO BE SODDED OR SEEDED. PLANTING AREAS SHALL RECEIVE 12" ROLLED THICKNESS OF LOAM. THE LANDSCAPE CONTRACTOR SHALL COORDINATE SUBGRADE PREPARATION WITH THE GENERAL CONTRACTOR PRIOR TO PLACING LOAM.
11. ANY DEVIATION FROM THE LANDSCAPE PLAN, INCLUDING PLANT LOCATION, SELECTION, SIZE, QUANTITY OR CONDITION SHALL BE REVIEWED AND APPROVED BY THE OWNER AND LANDSCAPE ARCHITECT (AND MUNICIPAL AUTHORITY, IF APPLICABLE) PRIOR TO INSTALLATION ON SITE.
12. WHERE INDICATED ON PLAN, PLANTING SOIL MIXTURE FOR PERENNIAL AND ANNUAL FLOWER BED AREAS SHALL CONSIST OF FOUR PARTS TOPSOIL, TWO PARTS SPHAGNUM PEAT MOSS, AND ONE PART HORTICULTURAL PERLITE BY VOLUME. PEAT MOSS MAY BE SUBSTITUTED WITH WELL-ROTTED OR DEHYDRATED MANURE OR COMPOST, ROTOTILL BEDS TO A DEPTH OF 8 INCHES.
13. DURING CLEANING OF SITE AND PRIOR TO TREE AND SHRUB INSTALLATION, CONTRACTOR SHALL REMOVE INVASIVE PLANTS. AREAS WHERE INVASIVE PLANTS ARE REMOVED AND NO OTHER PLANTING IS PROPOSED SHALL BE LOAMED AND SEEDED.



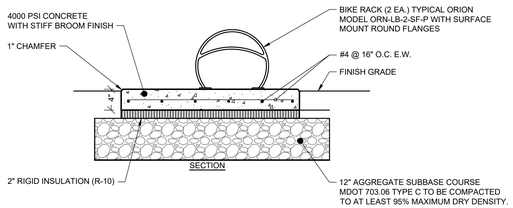

NOTES:
- POWDER COATING
- COLOR = BLACK
- MODEL 93C-HS6 BY AUGUSTA BENCH WITH BACK AND CENTER ARM

## BENCH DETAIL
NOT TO SCALE

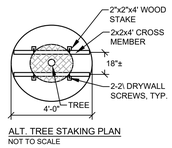
## GRANITE BENCH DETAIL
NOT TO SCALE



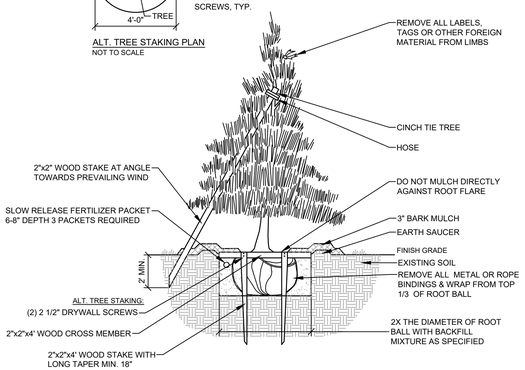

PLAN




## BIKE RACK AND PAD DETAIL
NOT TO SCALE

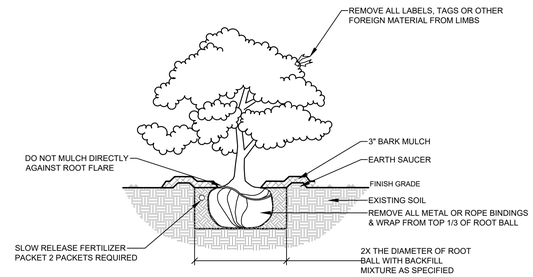



ALT. TREE STAKING PLAN
NOT TO SCALE




NOTES:
INSTALL STAKES AND GUYS TO TREES IF THE FOLLOWING APPLY:
1. THE TREE IS OF SUBSTANTIAL SIZE.
2. THE PLANTING LOCATION IS EXTREMELY WINDY, AS ON OPEN UNDEVELOPED SITES.
3. THE PLANTING LOCATION IS COMPRISED OF SAND OR OTHER LOOSE TEXTURED SOILS.
4. IF STAKES AND GUYS ARE REQUIRED, REMOVE AFTER ONE YEAR TIME.

## EVERGREEN TREES
NOT TO SCALE




## DECIDUOUS & EVERGREEN SHRUB
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HANNAH VAN DER EB, PLA #5697
WILLIAM A. GERRISH PE #8830

LICENSED LANDSCAPE ARCHITECT
HANNAH E. VAN DER EB
No. 5697
STATE OF MAINE

STATE OF MAINE
WILLIAM A. GERRISH
8830
REGISTERED PROFESSIONAL ENGINEER

SEBAGO TECHNICS

SEBAGOTECHNICS.COM
75 John Roberts Road, Suite 4A
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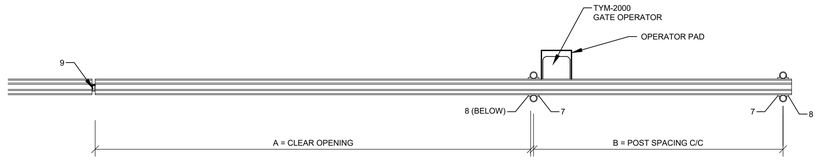
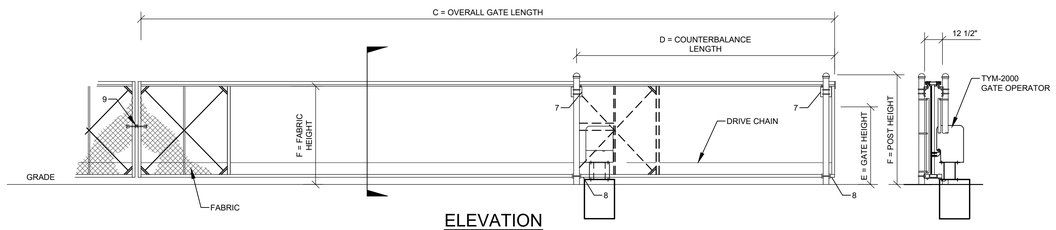



## PLAN VIEW

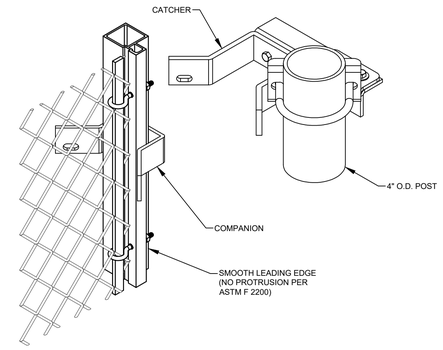
NOT TO SCALE

| CRITICAL DIMENSION CHART | | | |
|---|---|---|---|
| MARK | DESCRIPTION | FORMULA | DIM. |
| A | CLEAR OPENING | A | 24' |
| B | COUNTERBALANCE POST SPACING C/C | (A/2)-11" | 11'-1" |
| C | OVERALL GATE LENGTH | A x 1.5 | 36' |
| D | COUNTERBALANCE LENGTH | A x 0.5 | 12' |
| E | NOMINAL GATE HEIGHT | E | 6' |
| F | POST HEIGHT (W BARB ARMS) | E + 1'-6" | 6' |
| G | FABRIC HEIGHT | E - 1'-0" | 5' |



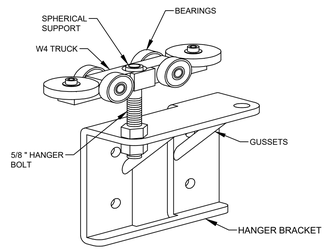

## ELEVATION

NOT TO SCALE



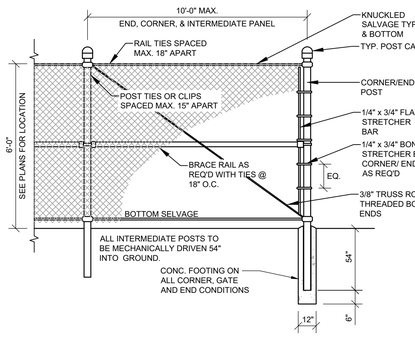

## (9) CATCH ASSEMBLY

NOT TO SCALE




## (7) GATE HANGER ASSEMBLY

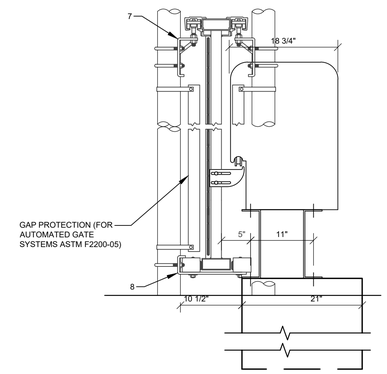
NOT TO SCALE




NOTES:
1. CORNER OR END POST: NOMINAL 3" O.D. GALVANIZED STEEL PIPE, MIN. 5.79 lbs./LF.
2. INTERMEDIATE POST: NOMINAL 2-1/2" O.D. GALVANIZED STEEL PIPE, MIN. 3.65 lbs./LF.
3. BRACES (TOP & BOTTOM): NOMINAL 1-5/8" O.D. GALVANIZED STEEL PIPE, MIN. 2.27 lbs./LF.
4. THE OUTSIDE OF THE FENCE FABRIC SHALL BE 3" INSIDE THE EDGE OF PAVEMENT.
5. BRACE RAIL AND DIAGONAL BRACE ROD SHALL BE INSTALLED AT EACH 10' CORNER SECTION OF ENCLOSURE.
6. CONCRETE SHALL HAVE MINIMUM COMPRESSIVE STRENGTH (f ) c OF 3,500 psi WITH 6%; AIR ENTRAINMENT.
7. SUBMIT SHOP DRAWINGS FOR OWNER'S/ENGINEER'S APPROVAL.

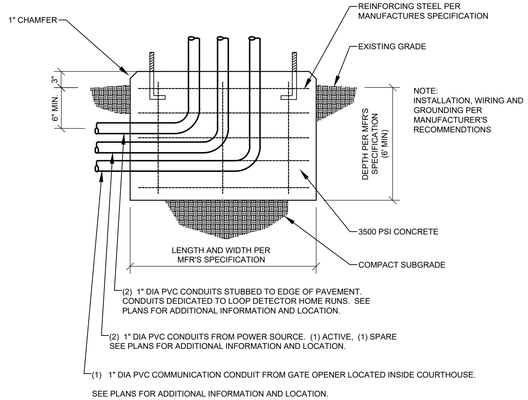
## CHAIN LINK FENCE

NOT TO SCALE




## OPERATOR SIDE ELEVATION

NOT TO SCALE




(2) 1" DIA PVC CONDUITS STUBBED TO EDGE OF PAVEMENT. CONDUITS DEDICATED TO LOOP DETECTOR HOME RUNS. SEE PLANS FOR ADDITIONAL INFORMATION AND LOCATION.

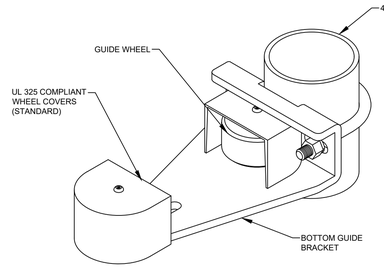
(2) 1" DIA PVC CONDUITS FROM POWER SOURCE. (1) ACTIVE, (1) SPARE SEE PLANS FOR ADDITIONAL INFORMATION AND LOCATION.

(1) 1" DIA PVC COMMUNICATION CONDUIT FROM GATE OPENER LOCATED INSIDE COURTHOUSE.

SEE PLANS FOR ADDITIONAL INFORMATION AND LOCATION.

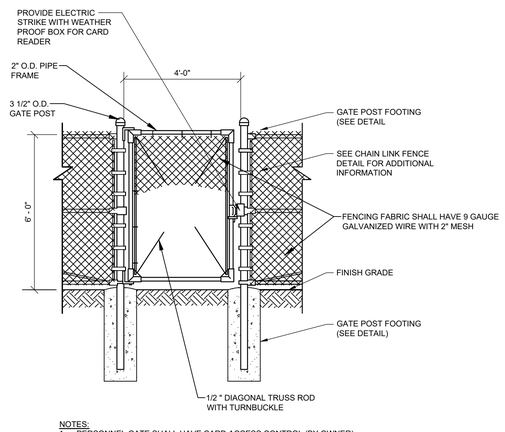
## ACCESS CONTROLLER/CHAIN DRIVEN WITH EMERGENCY ACCESS OVERRIDE FOUNDATION

NOT TO SCALE




## (8) BOTTOM GUIDE

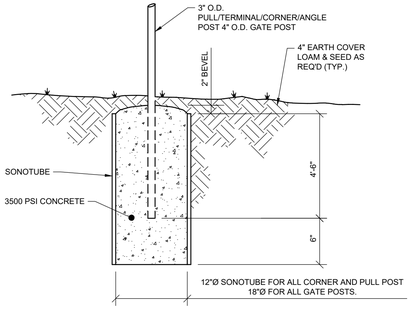
NOT TO SCALE




NOTES:
1. PERSONNEL GATE SHALL HAVE CARD ACCESS CONTROL (BY OWNER).

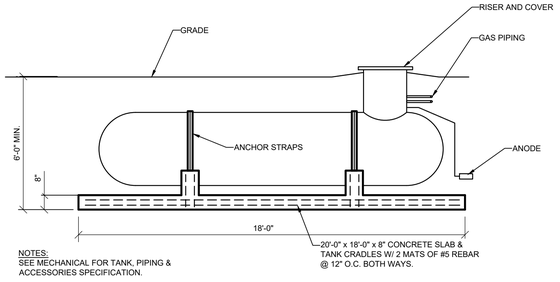
## 6' HIGH PERSONNEL GATE DETAIL

NOT TO SCALE




## CORNER/PULL/GATE POST DETAIL

NOT TO SCALE




NOTES:
SEE MECHANICAL FOR TANK, PIPING & ACCESSORIES SPECIFICATION.

## LP-GAS TANK DETAIL

NOT TO SCALE

| REV. | BY | DATE: | STATUS |
|---|---|---|---|
| 5 | WAG | 5/01/2026 | ISSUED FOR BID |
| 4 | WAG | 1/05/2026 | SUBMITTED FOR FINAL REVIEW |
| 3 | WAG | 11/13/2025 | SUBMITTED FOR FINAL PLANNING BOARD REVIEW |
| 2 | WAG | 9/11/2025 | SUBMITTED PRELIMINARY PLANNING BOARD REVIEW |
| 1 | WAG | 8/15/2025 | DESIGN DEVELOPMENT SET |

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WILLIAM A. GERRISH PE #8830

PI.S OR PE

SEBAGO TECHNICS
SEBAGOTECHNICS.COM
75 John Roberts Road, Suite 4A
South Portland, ME 04106
207-200-2100
South Portland, Bridgton, Sanford and Bath

DETAIL 9
OF:
HANCOCK JUDICIAL CENTER
45 MERRILL LANE
ELLSWORTH, ME
FOR:
NORTH PEAK ARCHITECTURE
P.O. BOX 338
LYMAN, ME 04002

| | |
|---|---|
| DESIGNED | WAG |
| DRAWN | SCK |
| CHECKED | WAG |
| DATE | 05/01/2026 |
| SCALE | NTS |
| PROJECT | 250369 |

SHEET C-510

250369 D.dwg T-AB DETAIL 9

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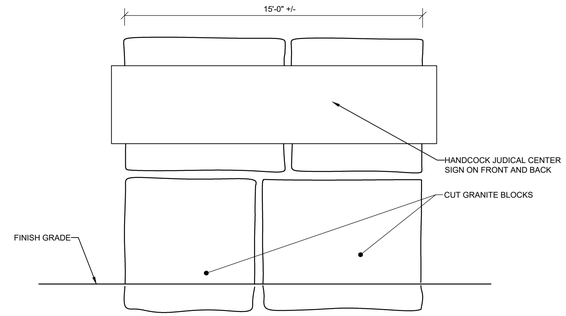
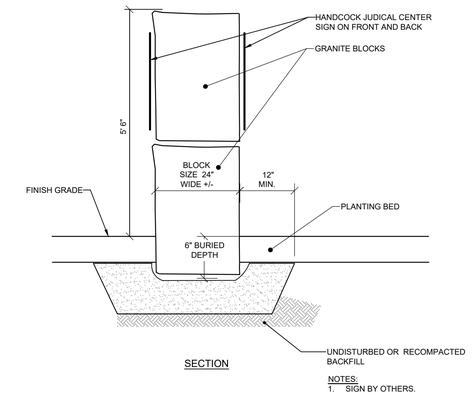



ELEVATION

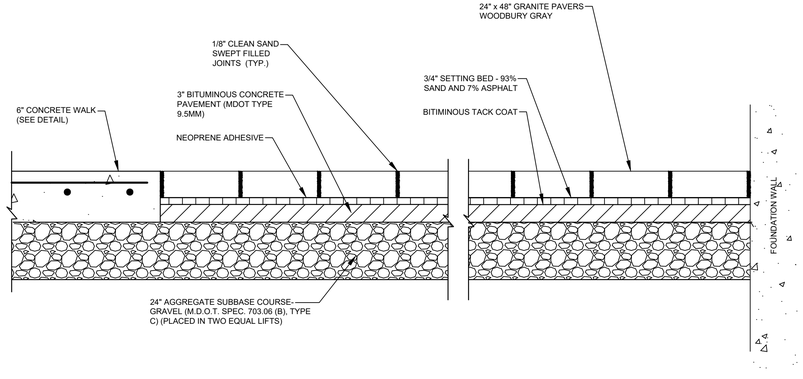



SECTION

NOTES:
1. SIGN BY OTHERS.

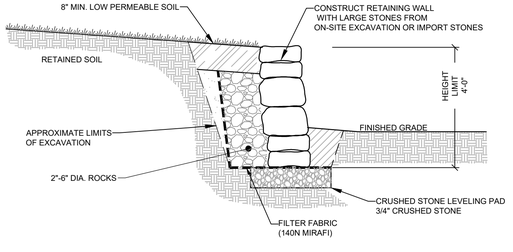
## GRANITE BLOCK SIGN DETAIL

NOT TO SCALE



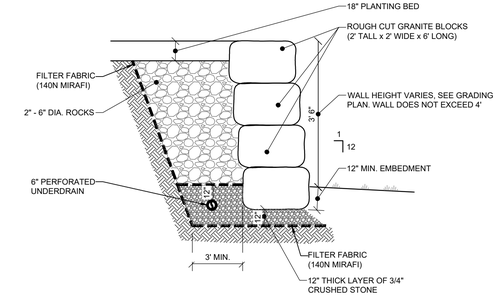

## GRANITE PAVER DETAIL (ON ASPHALT BASE)

NOT TO SCALE




## NATURAL STONE RETAINING WALL DETAIL

NOT TO SCALE




## GRANITE RETAINING WALL DETAIL

NOT TO SCALE

WILLIAM A. GERRISH PE #8830

PLS OR PE

STATE OF MAINE * WILLIAM A. GERRISH 8830 REGISTERED PROFESSIONAL ENGINEER

| REV. | BY | DATE: | STATUS: |
|---|---|---|---|
| 5 | WAG | 5/01/2026 | ISSUED FOR BID |
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| 1 | WAG | 8/15/2025 | DESIGN DEVELOPMENT SET |

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SEBAGO TECHNICS
SEBAGOTECHNICS.COM
75 John Roberts Road, Suite 4A
South Portland, ME 04106
207-200-2100
South Portland, Bridgton, Sanford and Bath

DETAIL 10
OF:
HANCOCK JUDICIAL CENTER
45 MERRILL LANE
ELLSWORTH, ME
FOR:
NORTH PEAK ARCHITECTURE
P.O. BOX 338
LYMAN, ME 04002

| | |
|---|---|
| DESIGNED | WAG |
| DRAWN | SCK |
| CHECKED | WAG |
| DATE | 05/01/2026 |
| SCALE | NTS |
| PROJECT | 250369 |

SHEET C-511

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250369 D.dwg, TAB:DETAIL 10

GRAPHIC SCALE
100 0 50 100 200
(IN FEET)
1 INCH = 100FT.

## EXISTING CONDITIONS LEGEND

- WATERSHED BOUNDARY
- A — B: TIME OF CONCENTRATION
- REACH
- 1.0S: SUBCATCHMENT LABEL
- 1R: REACH
- POA-1: POINT OF ANALYSIS
- 1P: STORMWATER TREATMENT/DETENTION POND
- HSG # / HSG #: SOILS BOUNDARY

## SOIL LEGEND

| | SOIL TYPES | PHASE | SLOPE | HSG | DRAINAGE CLASS |
|---|---|---|---|---|---|
| DaB | PERU | FINE SANDY LOAM | 3 TO 8% | C/D | MODERATELY WELL DRAINED |
| DtB | PERU | COLONEL COMPLEX | 3-8% | D | MODERATELY WELL DRAINED |
| LaB | LAMOIRE | SILTY LOAM | 3-8% | C/D | SOMEWHAT POORLY DRAINED |
| Sa | SCANTIC | SILT LOAM | 0-3% | D | POORLY DRAINED |
| Ud | SKERRY | URBAN LAND COMPLEXLOAM | | A | MODERATELY WELL DRAINED |

| REV. | BY | DATE | STATUS |
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WILLIAM A. GERRISH PE #8830

STATE OF MAINE — WILLIAM A. GERRISH — 8830 — REGISTERED PROFESSIONAL ENGINEER

SEBAGO TECHNICS
SEBAGOTECHNICS.COM
75 JOHN ROBERTS ROAD, SUITE A
South Portland, ME 04106
207-200-2100
South Portland, Bridgton, Sanford and Bath

# EXISTING DRAINAGE PLAN

OF:
HANCOCK JUDICIAL CENTER
45 MERRILL LANE
ELLSWORTH, ME

FOR:
NORTH PEAK ARCHITECTURE
P.O. BOX 238
LYMAN, ME 04002

| | |
|---|---|
| DESIGNED | WAG |
| DRAWN | SCK |
| CHECKED | WAG |
| DATE | 05/01/2026 |
| SCALE | 1" = 100' |
| PROJECT | 250369 |

SHEET 1 OF 2

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250369 SWP-PRE.dwg, TAB:36 X 24

GRAPHIC SCALE

100 0 50 100 200

(IN FEET)
1 INCH = 100FT.

## PROPOSED CONDITIONS LEGEND

- WATERSHED BOUNDARY
- TIME OF CONCENTRATION (A — B)
- REACH
- 10.0S — SUBCATCHMENT LABEL
- 10R — REACH
- POA-1 — POINT OF ANALYSIS
- 10P — STORMWATER TREATMENT/DETENTION POND
- HSG # / HSG # — SOILS BOUNDARY

## SOIL LEGEND

| | SOIL TYPES | PHASE | SLOPE | HSG | DRAINAGE CLASS |
|---|---|---|---|---|---|
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| DtB | PERU | COLONEL COMPLEX | 3-8% | C/D | MODERATELY WELL DRAINED |
| LaB | LAMOIRE | SILTY LOAM | 3-8% | C/D | SOMEWHAT POORLY DRAINED |
| Sa | SCANTIC | SILT LOAM | 0-3% | D | POORLY DRAINED |
| Ud | SKERRY | URBAN LAND COMPLEX,LOAM | | A | MODERATELY WELL DRAINED |

WILLIAM A. GERRISH PE #8830

| REV | BY | DATE | STATUS |
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SEBAGO TECHNICS
SEBAGOTECHNICS.COM
75 John Roberts Road, Suite 4A
South Portland, ME 04106
207-200-2100
South Portland, Bridgton, Sanford and Bath

PROPOSED DRAINAGE PLAN
OF:
HANCOCK JUDICIAL CENTER
45 MERRILL LANE
ELLSWORTH, ME
FOR:
NORTH PEAK ARCHITECTURE
P.O. BOX 338
LYMAN, ME 04002

| | |
|---|---|
| DESIGNED | WAG |
| DRAWN | SCK |
| CHECKED | WAG |
| DATE | 05/01/2026 |
| SCALE | 1" = 100' |
| PROJECT | 250369 |

SHEET 2 OF 2

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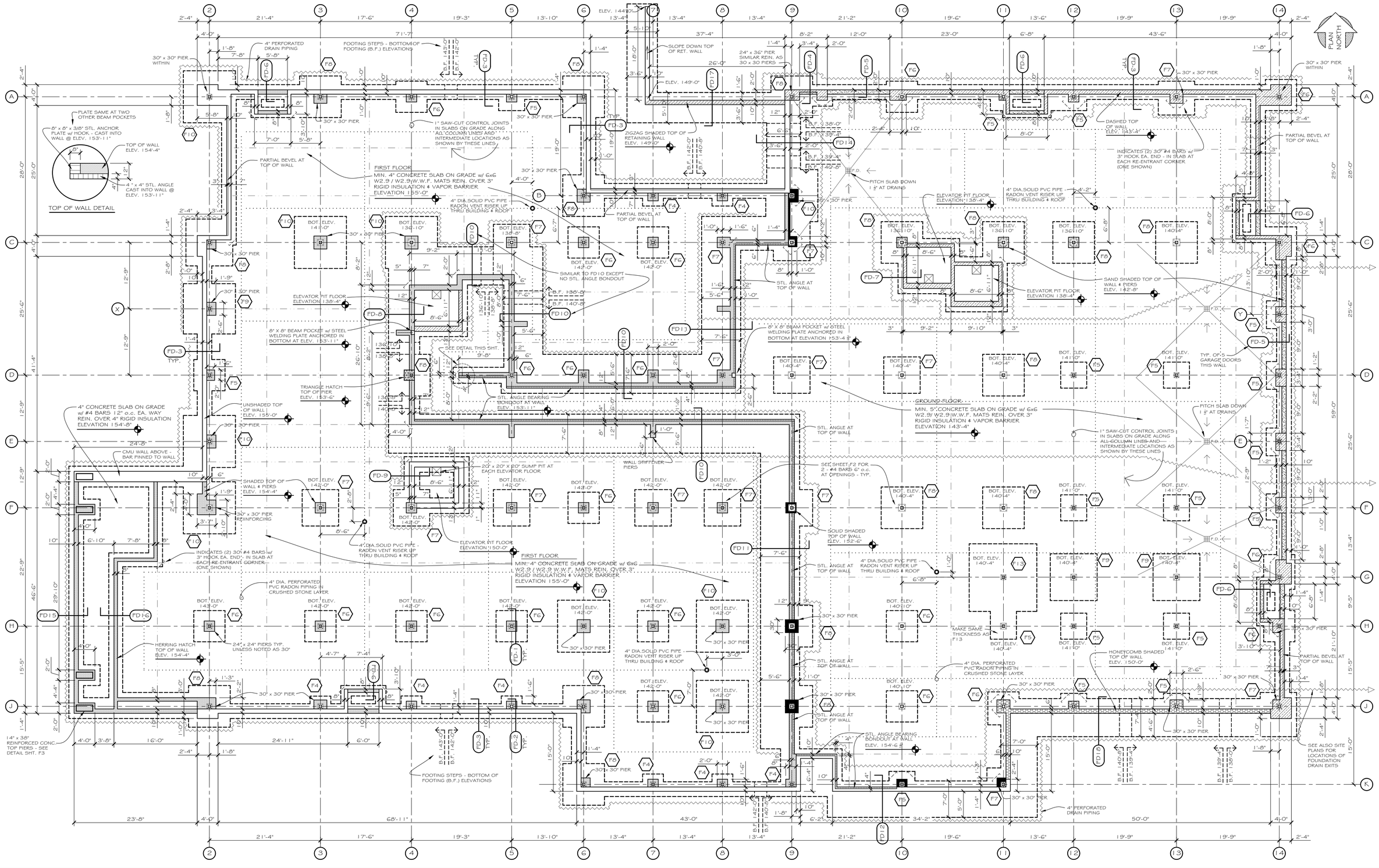
250369 SWP-POST.dwg - TAB:36 X 24


PLAN NORTH
TOP OF WALL DETAIL
PLATE SAME AT TWO OTHER BEAM POCKETS
8" x 8" x 3/8" STL. ANCHOR PLATE w/ HOOK - CAST INTO WALL @ ELEV. 153'-11"
TOP OF WALL ELEV. 154'-4"
4" x 4" x 4" STL. ANGLE CAST INTO WALL @ ELEV. 153'-11"
FIRST FLOOR
MIN. 4" CONCRETE SLAB ON GRADE w/ 6x6 W2.9 / W2.9 W.W.F. MATS REIN. OVER 3" RIGID INSULATION & VAPOR BARRIER
ELEVATION 155'-0"
GROUND FLOOR
MIN. 5" CONCRETE SLAB ON GRADE w/ 6x6 W2.9/ W2.9 W.W.F. MATS REIN. OVER 3" RIGID INSULATION & VAPOR BARRIER
ELEVATION 143'-4"
4" CONCRETE SLAB ON GRADE w/ #4 BARS 12" o.c. EA. WAY REIN. OVER 4" RIGID INSULATION
ELEVATION 154'-8"
1" SAW-CUT CONTROL JOINTS IN SLABS ON GRADE ALONG ALL COLUMN LINES AND * INTERMEDIATE LOCATIONS AS SHOWN BY THESE LINES.
4" PERFORATED DRAIN PIPING
FOOTING STEPS - BOTTOM OF FOOTING (B.F.) ELEVATIONS
SLOPE DOWN TOP OF RET. WALL
ZIGZAG SHADED TOP OF RETAINING WALL ELEV. 149'-0"
24" x 36" PIER SIMILAR REIN. AS 30 x 30 PIERS
DASHED TOP OF WALL ELEV. 143'-4"
INDICATES (2) 30" #4 BARS w/ 3" HOOK EA. END - IN SLAB AT EACH RE-ENTRANT CORNER (ONE SHOWN)
PARTIAL BEVEL AT TOP OF WALL
PITCH SLAB DOWN 1/4" AT DRAINS
4" DIA. SOLID PVC PIPE - RADON VENT RISER UP THRU BUILDING & ROOF
ELEVATOR PIT FLOOR ELEVATION 135'-4"
ELEVATOR PIT FLOOR ELEVATION 138'-4"
SAND SHADED TOP OF WALL & PIERS ELEV. 142'-8"
8" X 8" BEAM POCKET w/ STEEL WELDING PLATE ANCHORED IN BOTTOM AT ELEV. 153'-11"
8" X 8" BEAM POCKET w/ STEEL WELDING PLATE ANCHORED IN BOTTOM AT ELEVATION 153'-4"
STL. ANGLE AT TOP OF WALL
STL. ANGLE BEARING BONDOUT AT WALL ELEV. 153'-11"
SIMILAR TO FD10 EXCEPT NO STL. ANGLE BONDOUT
SEE DETAIL THIS SHT.
TRIANGLE HATCH TOP OF PIER ELEV. 153'-6"
UNSHADED TOP OF WALL ELEV. 155'-0"
SHADED TOP OF WALL & PIERS ELEV. 154'-4"
30" x 30" PIER REINFORCING
20" x 20" x 20" SUMP PIT AT EACH ELEVATOR FLOOR
WALL STIFFENER PIERS
SEE SHEET F2 FOR 2 - #4 BARS 6" o.c. AT OPENINGS - TYP.
SOLID SHADED TOP OF WALL ELEV. 152'-6"
4" DIA. PERFORATED PVC RADON PIPING IN CRUSHED STONE LAYER
HERRING HATCH TOP OF WALL ELEV. 154'-4"
24" x 24" PIERS TYP. UNLESS NOTED AS 30"
HONEYCOMB SHADED TOP OF WALL ELEV. 150'-0"
MAKE SAME THICKNESS AS F13
STL. ANGLE BEARING BONDOUT AT WALL ELEV. 154'-6 2
14" x 38" REINFORCED CONC. TOP PIERS - SEE DETAIL SHT. F3
SEE ALSO SITE PLANS FOR LOCATIONS OF FOUNDATION DRAIN EXITS
TYP. OF 5 GARAGE DOORS THIS WALL
CMU WALL ABOVE - BAR PINNED TO WALL
30" x 30" PIER WITHIN
30" x 30" PIER
24" x 24" PIER
BOT. ELEV. 141'-0"
BOT. ELEV. 136'-10"
BOT. ELEV. 138'-8"
BOT. ELEV. 142'-0"
BOT. ELEV. 140'-4"
BOT. ELEV. 136'-11"
BOT. ELEV. 140'-8"
B.F. 136'-8"
B.F. 140'-8"
B.F. 143'-0"
B.F. 142'-0"
B.F. 139'-4"
B.F. 139'-0"
B.F. 139'-2"
B.F. 139'-3"
B.F. 140'-0"
B.F. 140'-2"
B.F. 142'-0"
B.F. 140'-2"
B.F. 39'-4"
B.F. 40'-8"
F.D.
FD-1 TYP.
FD-2 TYP.
FD-3 TYP.
FD-5
FD-6
FD-7
FD-8
FD-9
FD1 FD2 FD3 FD4 FD5 FD6 FD7 FD8 FD9 FD10 FD11 FD12 FD13 FD14 FD15 FD16
TYP. FD-3
TYP. FD-5
TYP. FD-6
TYP. FD-8
TYP. FD-9
TYP. F5
TYP. F6
TYP. F7
TYP. F8
TYP. F10
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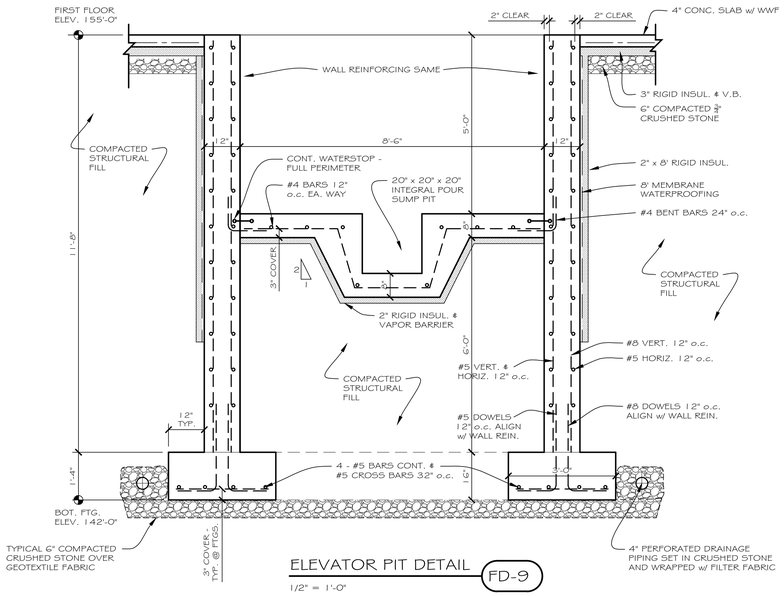
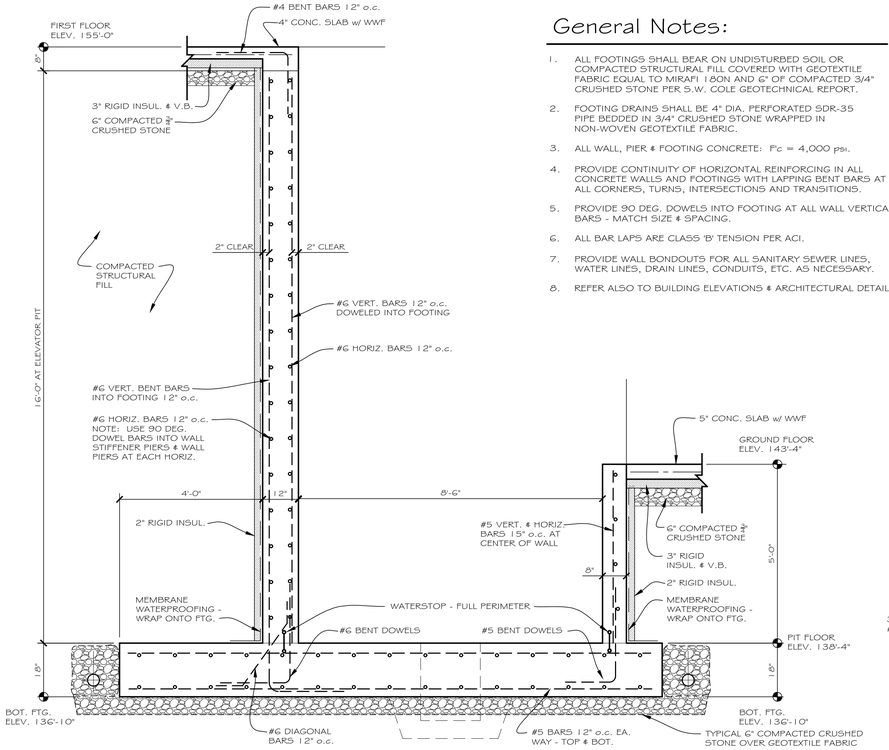
TYP. F32
TYP.




## ELEVATOR PIT DETAIL FD-9

1/2" = 1'-0"

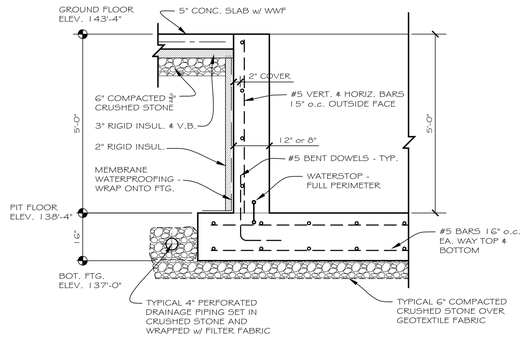



## ELEVATOR PIT DETAIL FD-8

1/2" = 1'-0"

## General Notes:

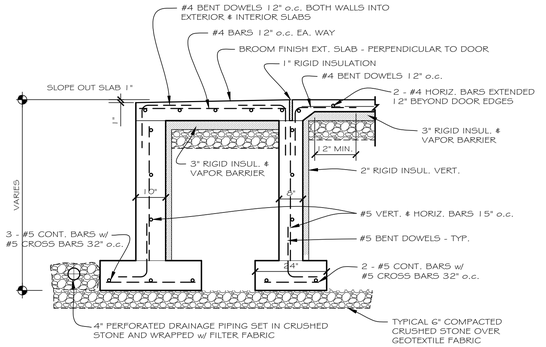
1. ALL FOOTINGS SHALL BEAR ON UNDISTURBED SOIL OR COMPACTED STRUCTURAL FILL COVERED WITH GEOTEXTILE FABRIC EQUAL TO MIRAFI 180N AND 6" OF COMPACTED 3/4" CRUSHED STONE PER S.W. COLE GEOTECHNICAL REPORT.
2. FOOTING DRAINS SHALL BE 4" DIA. PERFORATED SDR-35 PIPE BEDDED IN 3/4" CRUSHED STONE WRAPPED IN NON-WOVEN GEOTEXTILE FABRIC.
3. ALL WALL, PIER & FOOTING CONCRETE: F'c = 4,000 psi.
4. PROVIDE CONTINUITY OF HORIZONTAL REINFORCING IN ALL CONCRETE WALLS AND FOOTINGS WITH LAPPING BENT BARS AT ALL CORNERS, TURNS, INTERSECTIONS AND TRANSITIONS.
5. PROVIDE 90 DEG. DOWELS INTO FOOTING AT ALL WALL VERTICAL BARS - MATCH SIZE & SPACING.
6. ALL BAR LAPS ARE CLASS 'B' TENSION PER ACI.
7. PROVIDE WALL BONDOUTS FOR ALL SANITARY SEWER LINES, WATER LINES, DRAIN LINES, CONDUITS, ETC. AS NECESSARY.
8. REFER ALSO TO BUILDING ELEVATIONS & ARCHITECTURAL DETAILS




## ELEVATOR PIT DETAIL FD-7

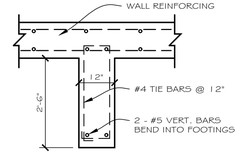
1/2" = 1'-0"

NOTE: FOR INTEGRAL INDIVIDUAL PIER FTNG. REIN. - SEE SCHEDULE



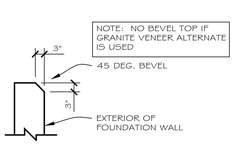

## DETAIL @ EXTERIOR DOOR FD-6

1/2" = 1'-0"



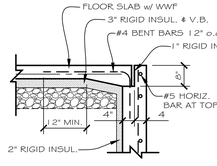

## WALL STIFFENER PIER

SEE PLAN FOR LOCATIONS



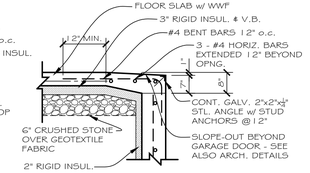

## TOP OF WALL BEVEL

WHERE NOTED ON PLANS AS PARTIAL BEVEL AT TOP OF WALL



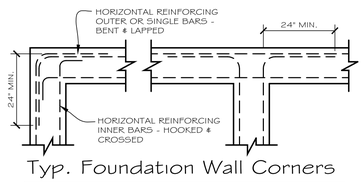

## DETAIL FD-4

1/2" = 1'-0"



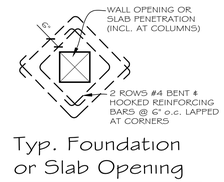

## DETAIL FD-5

1/2" = 1'-0"



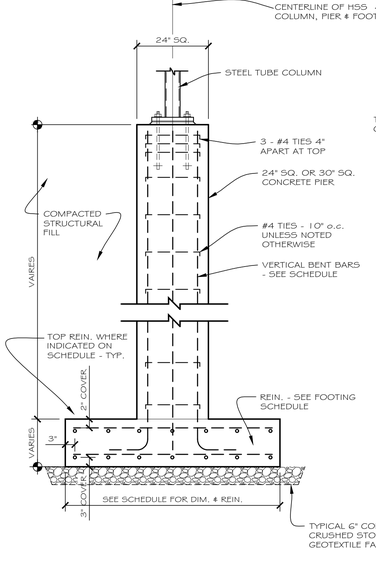

## Typ. Foundation Wall Corners

NTS



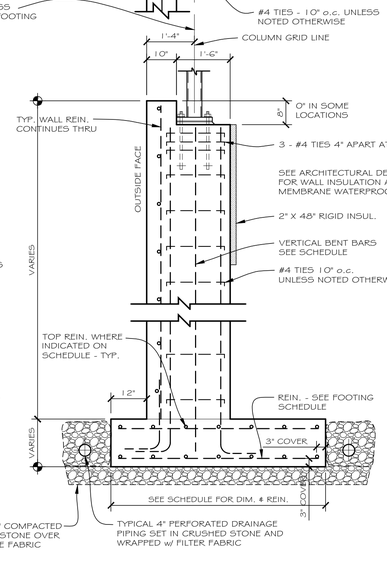

## Typ. Foundation or Slab Opening

NTS




## INDIV. PIER & FOOTING DETAIL FD-1

1/2" = 1'-0"




## TYPICAL WALL PIER DETAIL FD-2

1/2" = 1'-0"

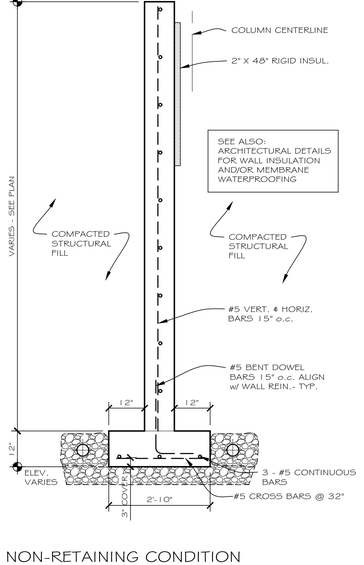
### PIER / PILASTER SCHEDULE

| SYMBOL | SIZE (L x W) | VERTICAL REINF. | TIES |
|---|---|---|---|
| P24 | 24" x 24" | 8 - #8 (3 EA. FACE) | #4@ 10" o.c. |
| P30 | 30" x 30" | 8 - #10 (3 EA. FACE) | #4@ 10" o.c. |

1. AT THE TOP OF PIERS / PILASTERS, PROVIDE (3) TIES @ 4" o.c. & THE BALANCE AS INDICATED ON THE SCHEDULE.
2. EXTEND VERTICAL BARS WITHIN 2" FROM TOP OF PIER / PILASTER, & PROVIDE 90 DEG. HOOK INTO FOOTING.
3. PIER / PILASTER IS (P24) UNLESS NOTED OTHERWISE ON PLANS.

### FOOTING SCHEDULE

| SYMBOL | SIZE (L x TH x W) | REIN. REQUIRED | COMMENTS |
|---|---|---|---|
| F4 | 4'-0" x 1'-4" x 4'-0" | 6 - #5 EA. WAY | BOTTOM REIN. |
| F5 | 5'-0" x 1'-4" x 5'-0" | 7 - #5 EA. WAY | BOTTOM REIN. |
| F6 | 6'-0" x 1'-6" x 6'-0" | 8 - #5 EA. WAY | BOTTOM REIN. |
| F7 | 7'-0" x 2'-0" x 7'-0" | 12 - #5 EA. WAY | BOTTOM REIN. |
| F8 | 8'-0" x 2'-0" x 8'-0" | 10 - #6 EA. WAY | TOP AND BOTTOM REIN. |
| F9 | 9'-0" x 2'-0" x 9'-0" | 11 - #6 EA. WAY | TOP AND BOTTOM REIN. |
| F10 | 10'-0" x 2'-0" x 10'-0" | 12 - #6 EA. WAY | TOP AND BOTTOM REIN. |
| F13 | 13'-0" x 2'-0" x 13'-0" | 13 - #7 EA. WAY | TOP AND BOTTOM REIN. |




## NON-RETAINING CONDITION TYPICAL PERIMETER WALL DETAIL FD-3

1/2" = 1'-0"

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STATE OF MAINE
STEVEN R. GRANT
No. 6825
LICENSED PROFESSIONAL ENGINEER

# Hancock Judicial Center

45 Merrill Lane - Ellsworth, Maine

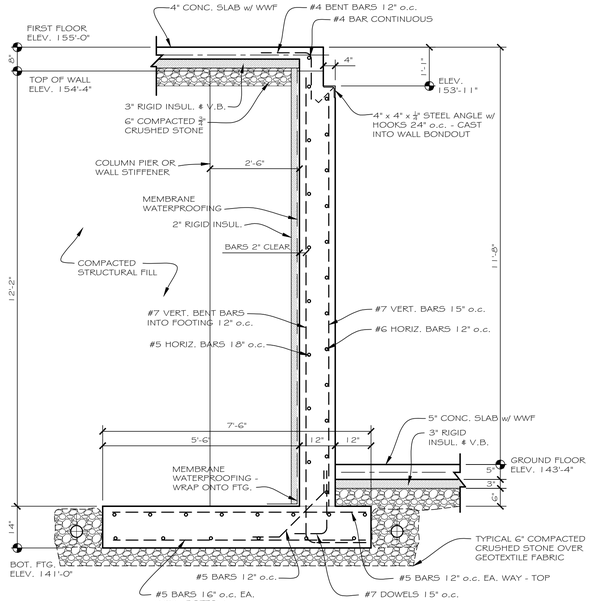
Date: 01 MAY 2026

Scale: 1/2"=1'-0"

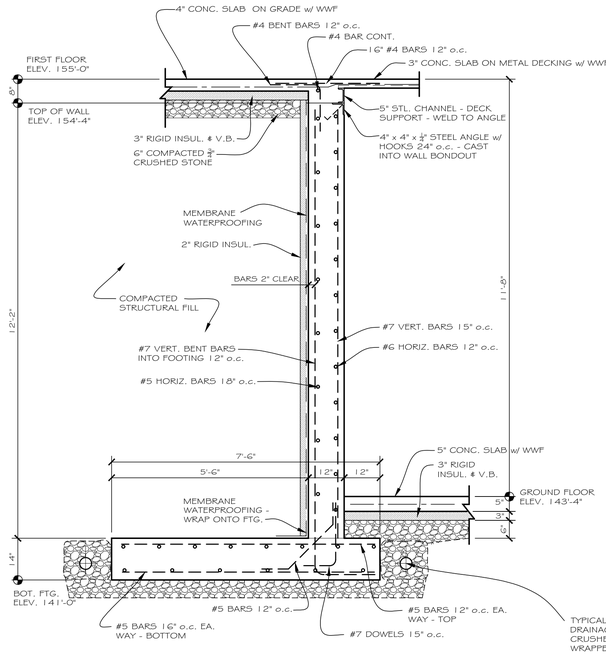
0 12" 24" 36"

Sheet Title: Foundation Details

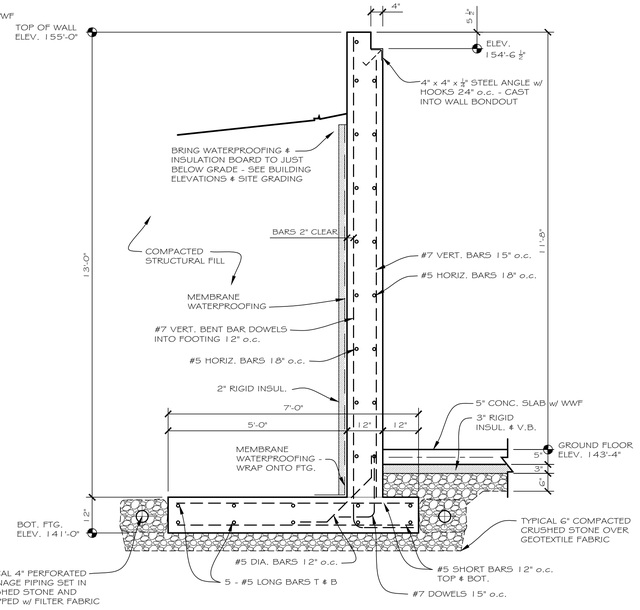
Sheet # F2



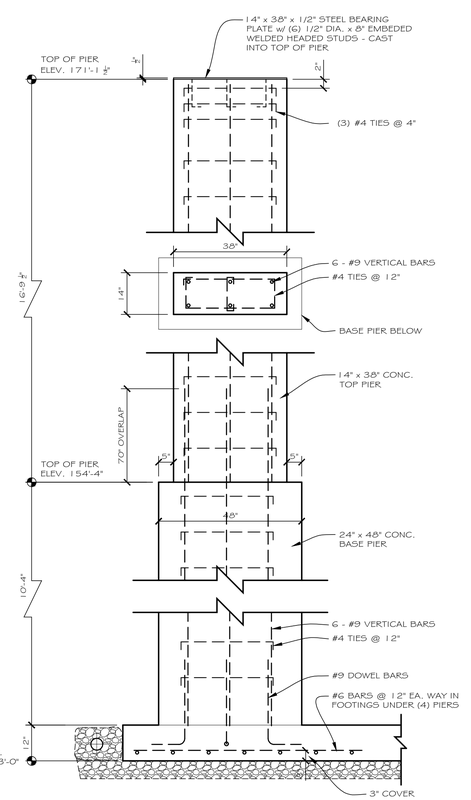

WALL DETAIL FD10
1/2" = 1'-0"



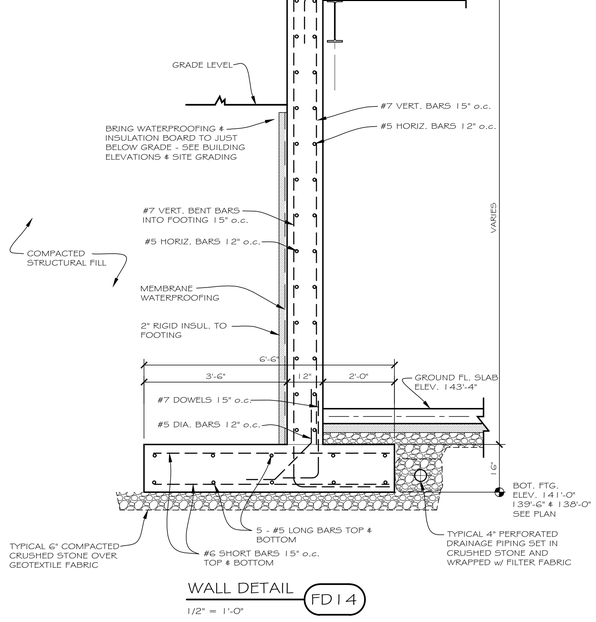

WALL DETAIL FD11
1/2" = 1'-0"




WALL DETAIL FD12
1/2" = 1'-0"

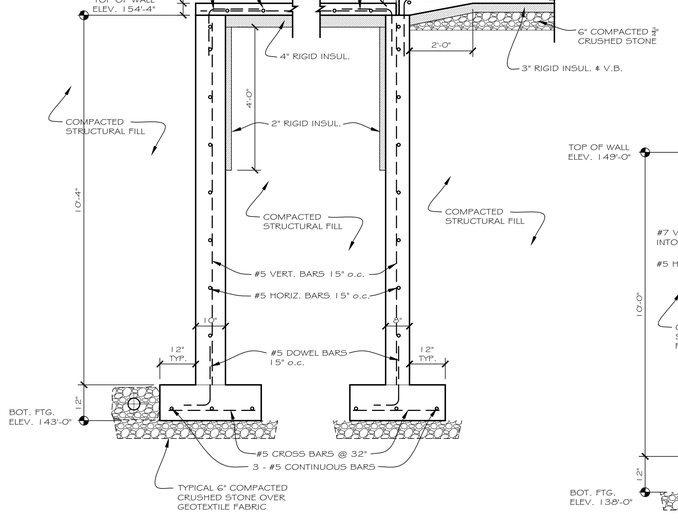



ENTRANCE PIERS DETAIL FD19
1/2" = 1'-0"



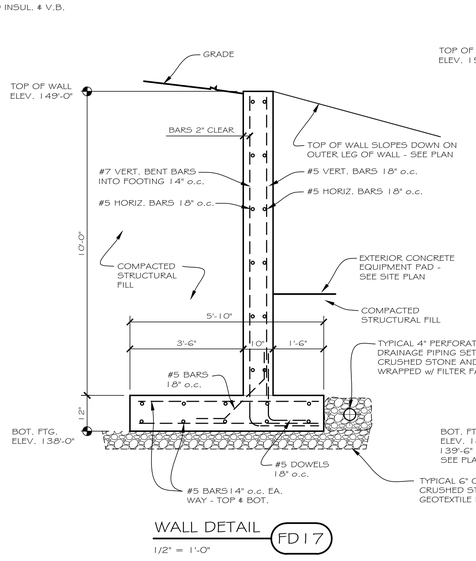

WALL DETAIL FD14
1/2" = 1'-0"

( NO FD13 DETAIL)

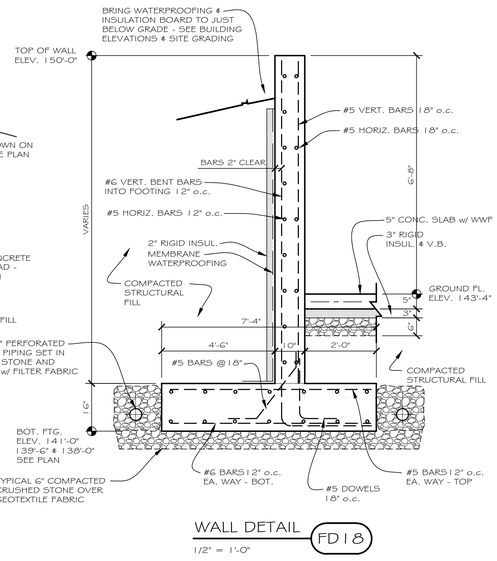



WALL DETAIL FD15
1/2" = 1'-0"

WALL DETAIL FD16
1/2" = 1'-0"




WALL DETAIL FD17
1/2" = 1'-0"




WALL DETAIL FD18
1/2" = 1'-0"

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STATE OF MAINE
STEVEN R. GRANT
No. 6825
LICENSED PROFESSIONAL ENGINEER

# Hancock Judicial Center

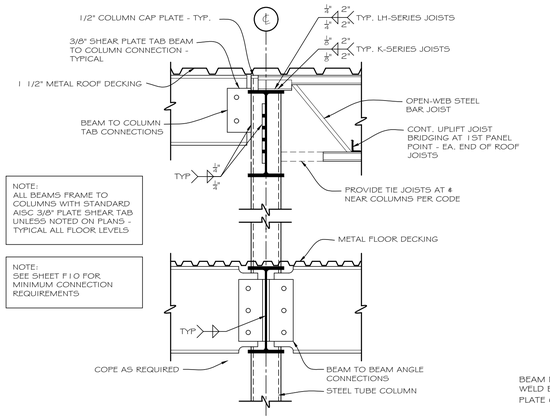
45 Merrill Lane - Ellsworth, Maine

Date: 01 MAY 2026

Scale: 1/2"=1'-0"
0 12" 24" 36"

Sheet Title: Foundation Details

Sheet # F3




TYPICAL FRAMING DETAILS

1" = 1'-0"

# Structural General Notes:

1. DESIGN LOADS:

   FLOOR LIVE LOAD - GENERAL - 80 PSF

   FLOOR LIVE LOAD - LOBBIES, FIRST FL. CORRIDORS & STAIRS - 100 PSF

   FLOOR LIVE LOAD - COURTROOMS - 100 PSF

   FLOOR LIVE LOAD - HIGH DENSITY SHELVING AREA - 160 PSF

   FLOOR LIVE LOAD - MECHANICAL ROOM - 100 PSF

   ROOF SNOW LOAD - GENERAL - 60 PSF
   FLAT ROOF SNOW LOAD - 90 PSF
   DRIFT SNOW AT ENTRANCE ROOF - 175 PSF AT HIGH WALL

   BEAM DEFLECTION CRITERIA: FLOORS TOTAL DEF. L/480
   ROOFS TOTAL DEF. L/360

2. METAL DECKING:

   FLOOR DECKING: 22 GAUGE - 1" GALV. METAL FORM DECK - MIN. 2-SPAN CONDITION

   ROOF DECKING - FLAT ROOFS: 20 GA. - 1 1/2" TYPE 'B' GALV. DECK - MIN. 2-SPAN CONDITION

   ROOF DECKING - PITCHED ROOFS: 18 GA. - 1 1/2" TYPE 'B' GALV. DECK - MIN. 2-SPAN CONDITION

3. STRUCTURAL STEEL BEAM & BRACING CONNECTIONS SHALL BE DESIGNED BY THE STEEL FABRICATOR (BY A MAINE LICENSED STRUCTURAL ENGINEER). BEAM SHEAR CONNECTIONS SHALL BE DESIGNED FOR 1/2 THE ALLOWABLE UNIFORM LOAD PER AISC UNLESS NOTED OTHERWISE ON PLANS. BRACING CONNECTIONS SHALL BE DESIGNED FOR FORCES INDICATED ON SHEET F8. P.E. CALCULATIONS SHALL BE SUBMITTED WITH THE SHOP DRAWINGS.

4. PROVIDE ALL MISC. STEEL NOTED AND DETAILED ON THE ARCHITECTURAL DRAWINGS.

5. STEEL JOISTS SHALL BE DESIGNED BY THE FABRICATOR, DESIGNATIONS AS NOTED ON THE FRAMING PLANS. SUSPEND PIPES, EQUIPMENT OR APPARATUS BY ATTACHMENT AT PANEL POINTS USING ADEQUATE SPREADERS TO DISTRIBUTE LOADS TO SEVERAL JOISTS. ATTACHMENT SHALL BE AT TOP CORD ONLY FOR PARALLEL CORD TRUSSES. ATTACHMENT MAY BE AT BOTTOM CORD OF PITCHED TRUSS JOISTS (SEE TRUSS ELEVATIONS AND DESIGN CRITERIA).

   ALL COURTROOM FLOOR JOISTS (AREAS WITH 4" CONC. FLOOR) SHALL BE CAMBERED FOR THE DESIGN LOAD OF 72 PSF.

   ROOF FRAMING JOISTS: CODE REQUIRED JOIST UPLIFT BRIDGING IS REQUIRED AT THE FIRST PANEL POINT AT EACH END OF EACH JOIST

6. ALL COLUMN BASE PLATES SHALL BEAR EVENLY ON 1/4" THICK STEEL SETTING PLATES. SEE FOUNDATION PLAN FOR ELEVATIONS AND DETAILS.

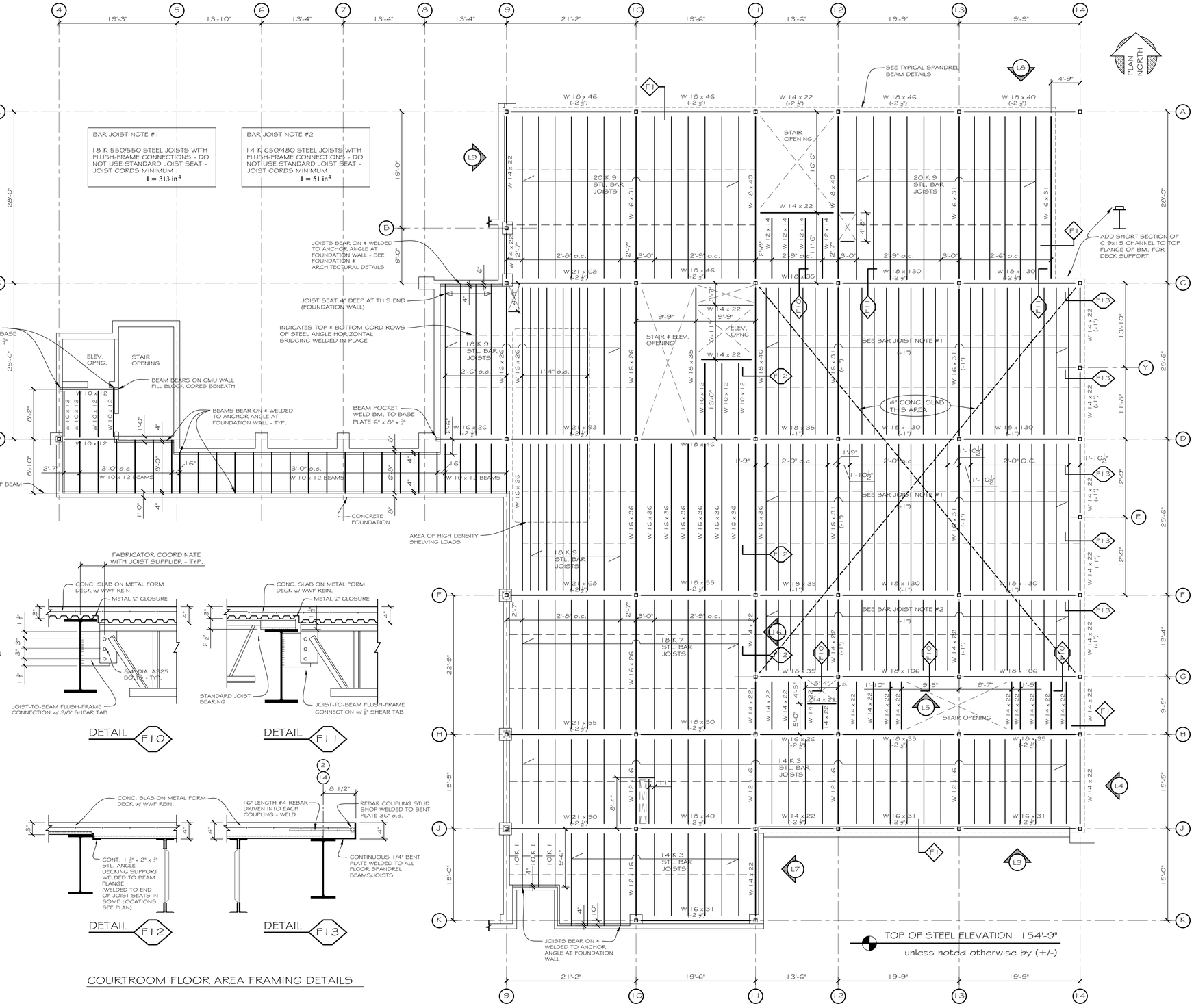
7. GALVANIZED STEEL LINTEL ANGLES FOR MASONRY AS SCHEDULED OR AS OTHERWISE NOTED OR DETAILED ON THE PLANS. SEE DETAILS FOR OVERHEAD DOOR OPENING LINTELS - SHEET A33

   SCHEDULE:

   UP TO 6'-8" MASONRY OPENINGS - 4" x 3 1/2" x 5/16" - BEARING 8" EA. END

   9'-4" MASONRY OPENINGS - 7" x 4" x 3/8" x 10'-8"

   9'-0" & 12'-0" GARAGE DOOR MASONRY OPENINGS
   TWO (2) 8" x 4" x 3/8" x 11'-0" STEEL TUBES BEARING 12" EA. END
   SEE ARCH.DETAIL







COURTROOM FLOOR AREA FRAMING DETAILS

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STATE OF MAINE
STEVEN R. GRANT
No. 6825
LICENSED
PROFESSIONAL ENGINEER

# Hancock Judicial Center

45 Merrill Lane - Ellsworth, Maine

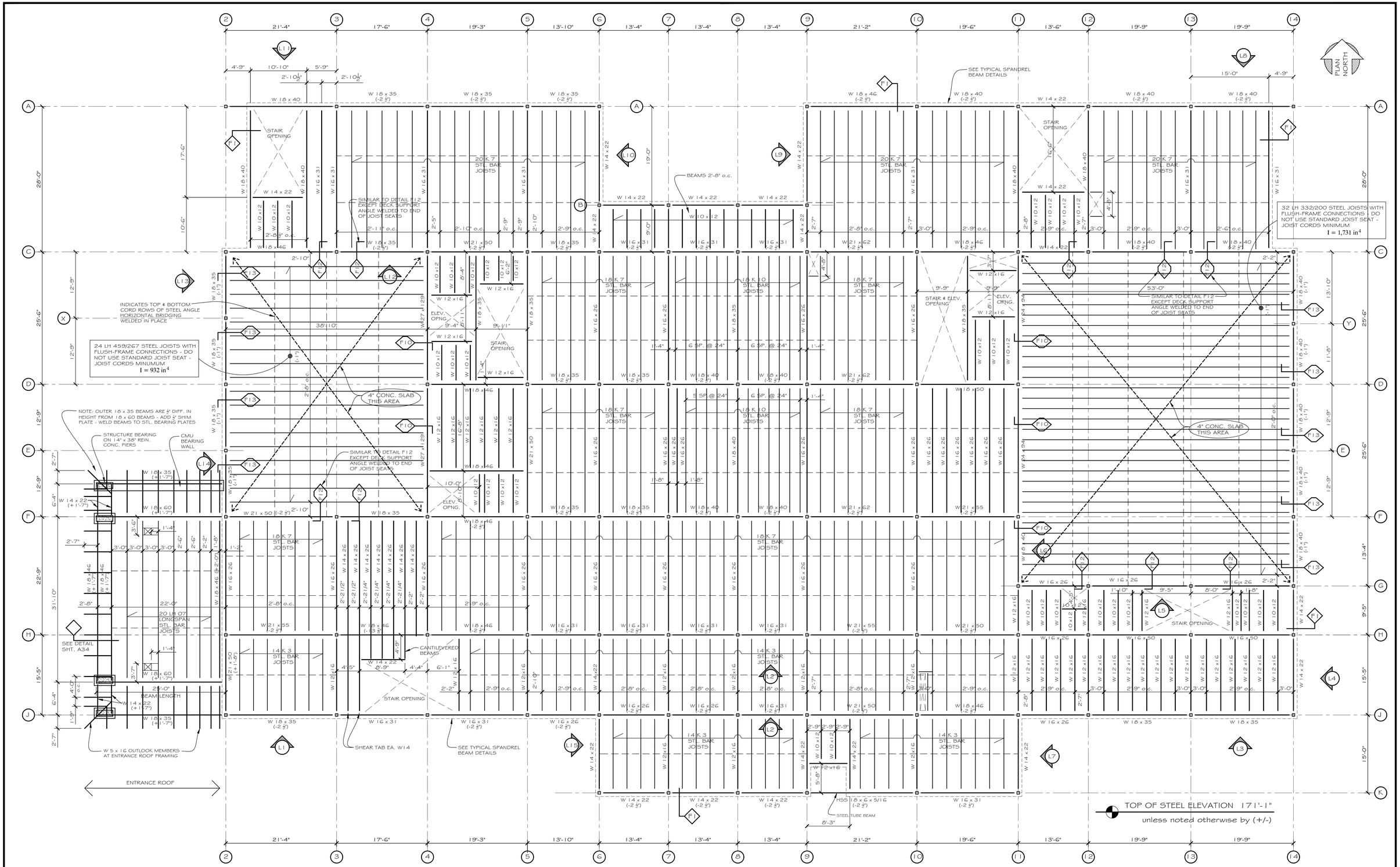
Date: 01 MAY 2026

Scale: 1/8"=1'-0"

0 2' 4' 8'

Sheet Title: First Floor Framing Plan & Details

Sheet # F4

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# Hancock Judicial Center

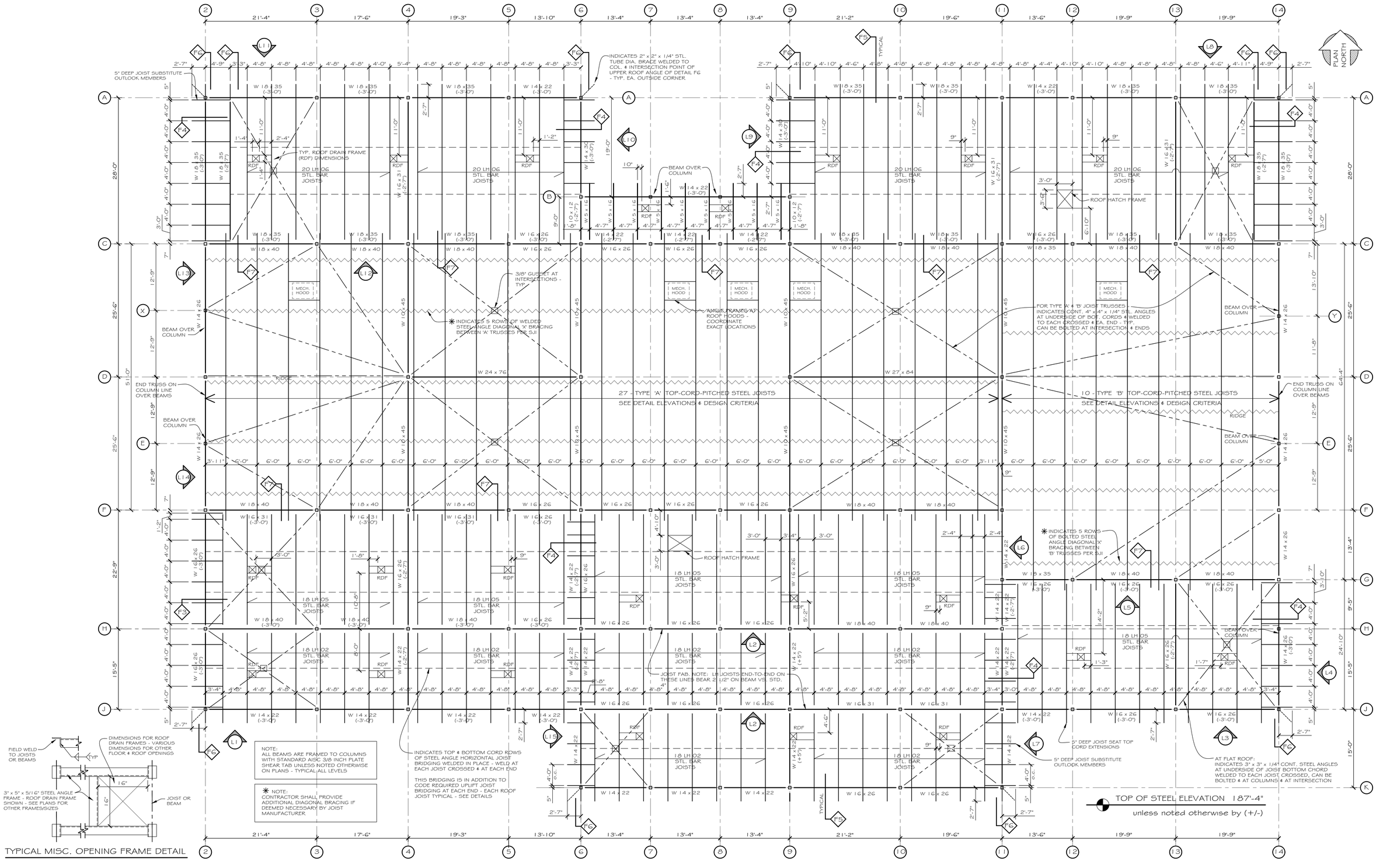
45 Merrill Lane - Ellsworth, Maine

Date: 01 MAY 2026

Scale: 1/8"=1'-0"

Sheet Title: Second Floor & Entrance Roof Framing Plan

Sheet # F5

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STEVEN R. GRANT
No. 8825
LICENSED PROFESSIONAL ENGINEER

# Hancock Judicial Center

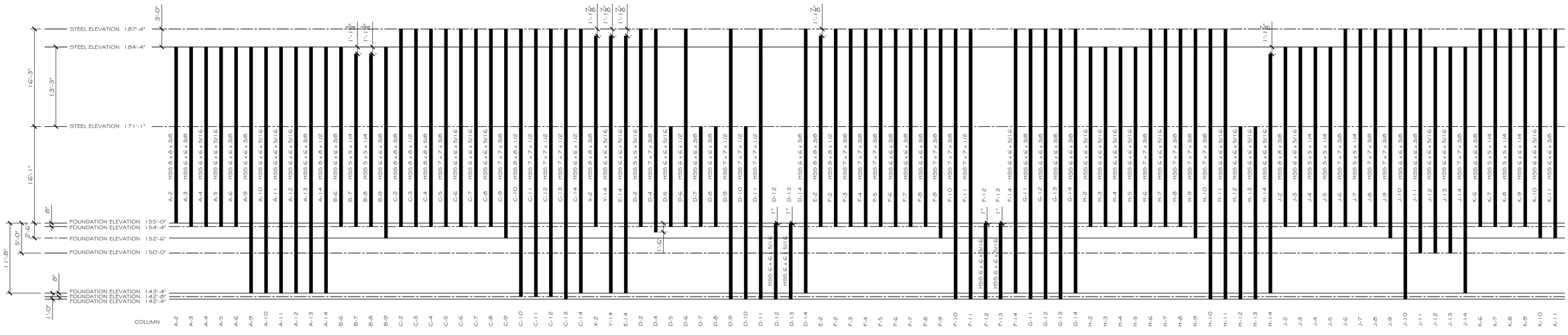
45 Merrill Lane - Ellsworth, Maine

Date: 01 MAY 2026

Scale: 1/8"=1'-0"

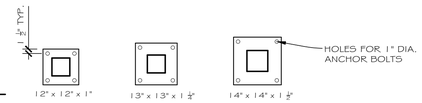
Sheet Title: Roof Framing Plan

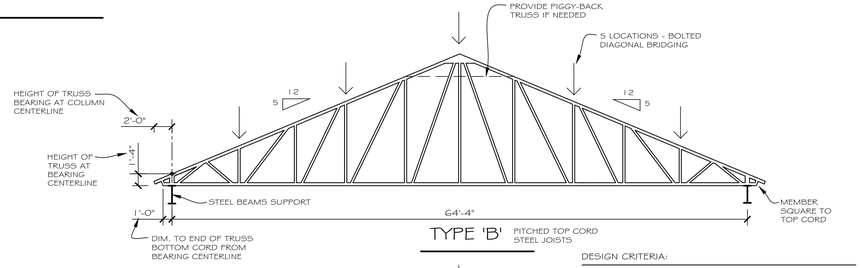
Sheet # F6



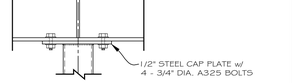

## COLUMN SCHEDULE

## BASE PLATE TYPES



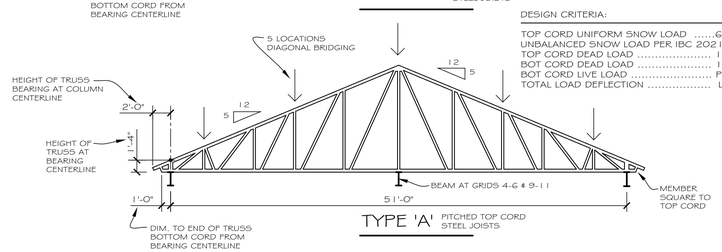

TYPE 'B' PITCHED TOP CORD STEEL JOISTS




WEB STIFFENERS

DESIGN CRITERIA:

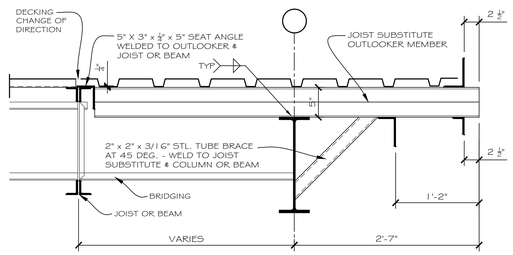
TOP CORD UNIFORM SNOW LOAD ..... 60 LB. / SQ. FT.
UNBALANCED SNOW LOAD PER IBC 2021
TOP CORD DEAD LOAD ..... 15 LB. / SQ. FT.
BOT CORD DEAD LOAD ..... 15 LB. / SQ. FT.
BOT CORD LIVE LOAD ..... PER IBC 2021
TOTAL LOAD DEFLECTION ..... L / 360




TYPE 'A' PITCHED TOP CORD STEEL JOISTS

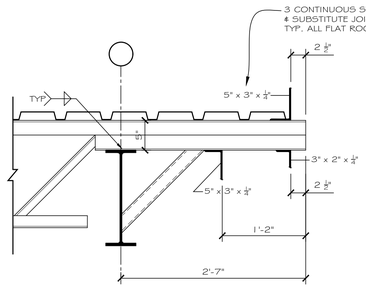
PITCHED TOP CORD JOISTS

1/8" = 1'-0"



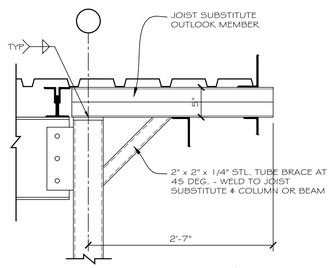

ROOF EDGE DETAIL F4

1" = 1'-0"



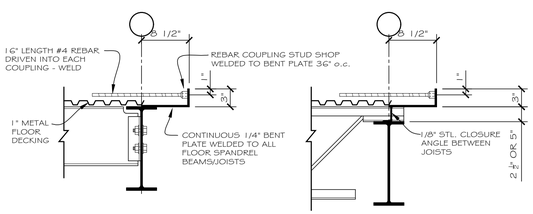

ROOF EDGE DETAIL F5

1" = 1'-0"



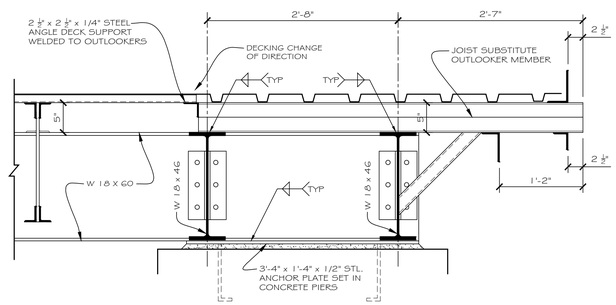

ROOF EDGE DETAIL F6

1" = 1'-0"



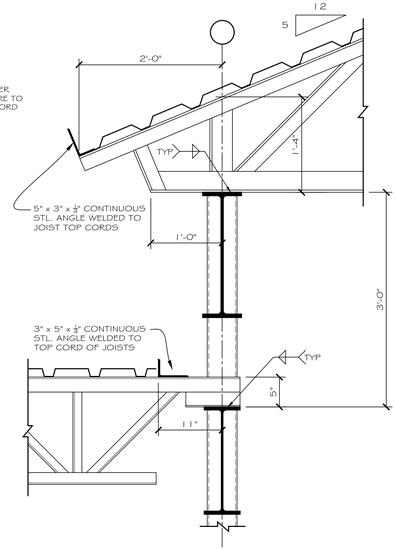

TYPICAL FLOOR SPANDREL BEAM DETAILS F1

1" = 1'-0"




ENTRANCE ROOF EDGE DETAIL F3

1" = 1'-0"




ROOF FRAMING DETAIL F7

1" = 1'-0"

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STATE OF MAINE
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No. 6825
LICENSED PROFESSIONAL ENGINEER

# Hancock Judicial Center

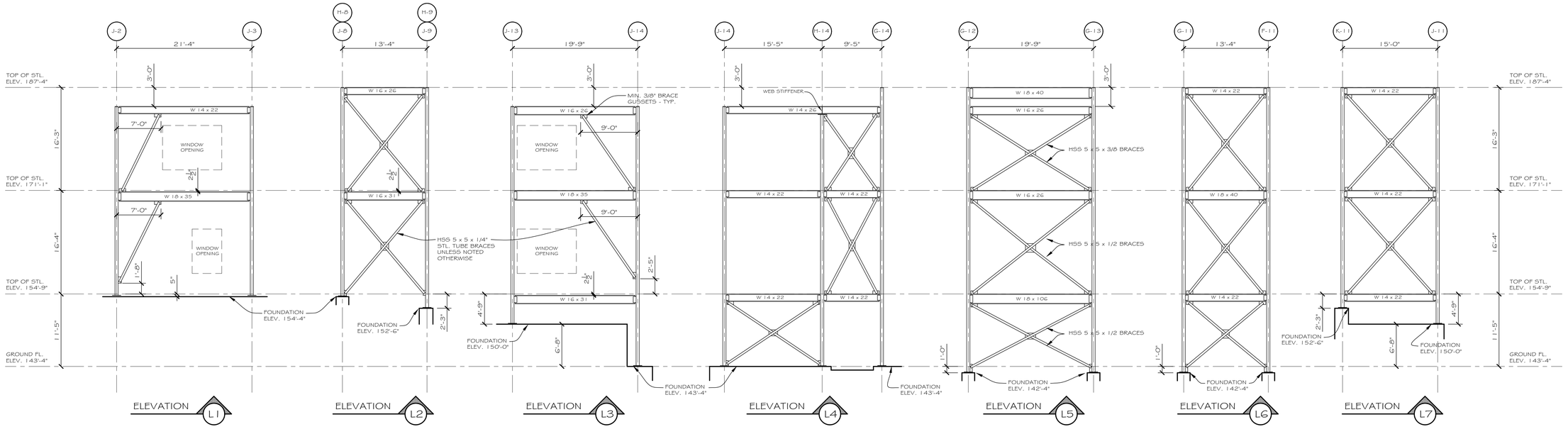
45 Merrill Lane - Ellsworth, Maine

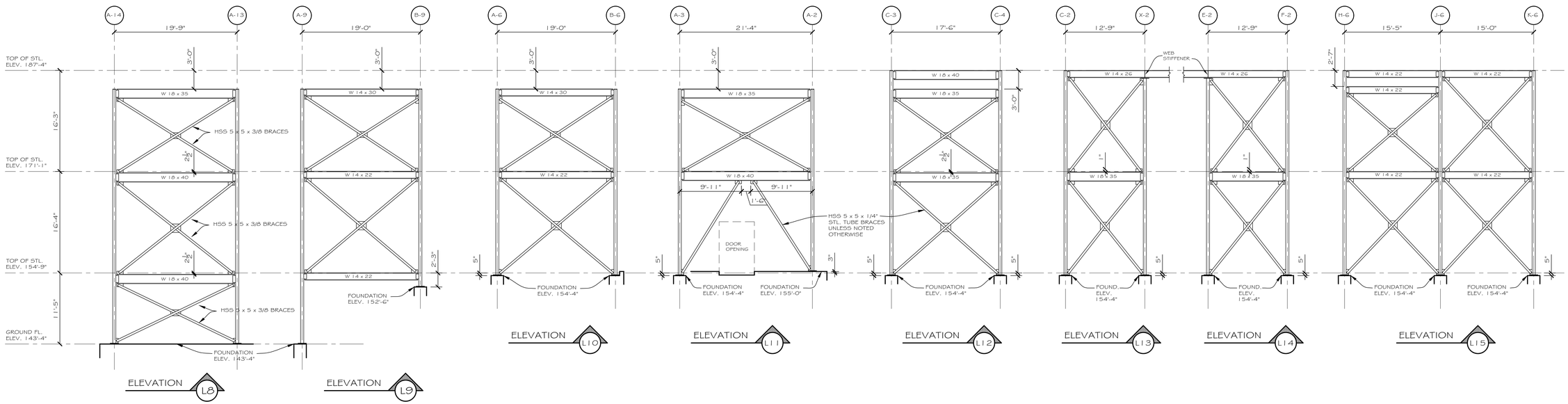
Date: 01 MAY 2026

Scale: As Noted

Sheet Title: Column Schedule & Framing Details

Sheet # F7




## LATERAL BRACING ELEVATIONS

1/8" = 1'-0"  BRACES ARE HSS 5 x 5 x 1/4 UNLESS NOTED OTHERWISE

BRACE DESIGN FORCES

HSS 5 x 5 x 1/4 : P= +/- 40 KIPS
HSS 5 x 5 x 3/8 : P= +/- 45 KIPS
HSS 5 x 5 x 1/2 : P= +/- 50 KIPS

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P.O. Box 925 - Gray, Maine 04039

STATE OF MAINE
STEVEN R. GRANT
No. 6825
LICENSED PROFESSIONAL ENGINEER

# Hancock Judicial Center

45 Merrill Lane - Ellsworth, Maine

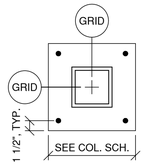
Date: 01 MAY 2026

Scale: 1/8"=1'-0"

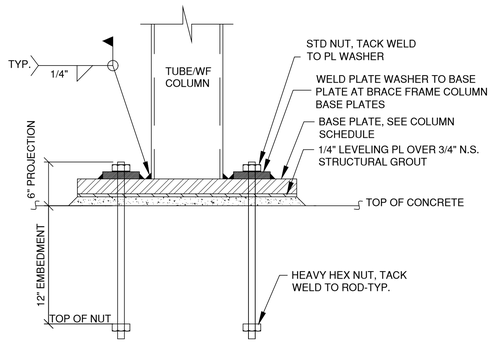
0 2' 4' 8'

Sheet Title: Lateral Bracing Details

Sheet # F8




## SQUARE HSS COLUMN
NTS




## TYPICAL COLUMN BASE DETAIL
N.T.S.

NOTES:

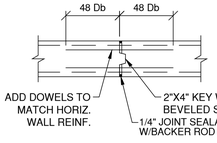
1. PROVIDE 1" DIA. THREADED ANCHOR RODS AT ALL BASE PLATES.

2. PROVIDE 3/8x3x0'-3" PLATE WASHERS WITH 1/16" OVERSIZE HOLE UNDER NUTS, ON TOP OF BASE PLATES, AT ALL BRACED FRAME COLUMNS. PROVIDE STANDARD PLATE WASHER AT NON-BRACED FRAME COLUMNS.

3. PROVIDE 1/4" LEVELING PLATE AND 3/4" NON-SHRINK STRUCTURAL GROUT BELOW ALL BASE PLATES.

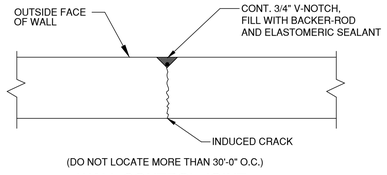
4. ANY OVERSIZED HOLES IN BASE PLATES AT BRACED FRAMES TO BE GROUTED SOLID PRIOR TO INSTALLING NUTS AND WASHERS.

## BASE PLATE DETAILS
NTS




NOTE A: REFER TO TENSION LAP SPLICE LENGTH (OTHER BARS) IN "DEVELOPMENT LENGTH AND SPLICE TABLE".

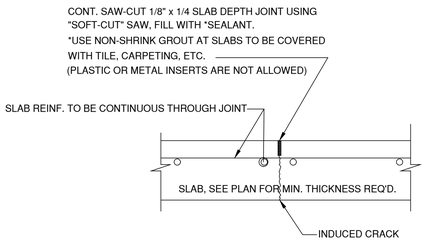
## WALL CONSTRUCTION JOINT



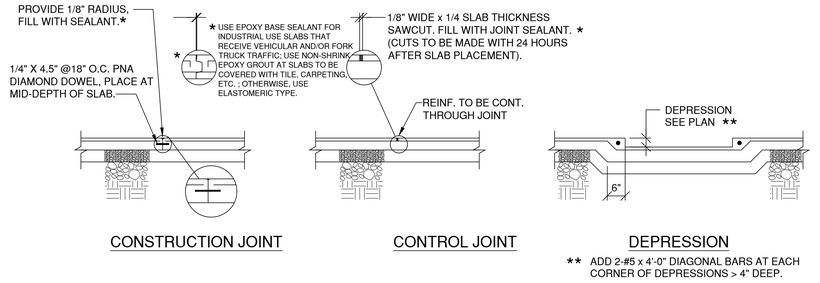

(DO NOT LOCATE MORE THAN 30'-0" O.C.)

## WALL CONTROL JOINT

## TYPICAL WALL JOINT DETAILS
N.T.S.



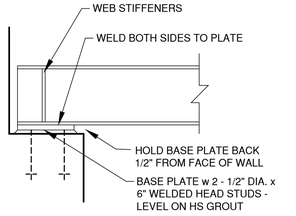

## *SLAB CONTROL JOINT DETAIL
N.T.S.



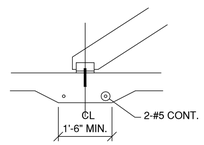

## CONSTRUCTION JOINT
## CONTROL JOINT
## DEPRESSION

** ADD 2-#5 x 4'-0" DIAGONAL BARS AT EACH CORNER OF DEPRESSIONS > 4" DEEP.

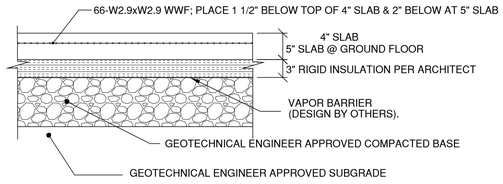
## TYPICAL SLAB-ON-GRADE DETAILS UNLESS NOTED
N.T.S.



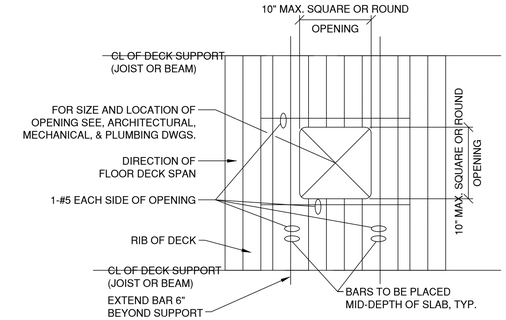

## TYP. BEAM-TO-BASE PLATE AT CONCRETE OR MASONRY WALL
N.T.S.




## STAIR BEARING @ SLAB-ON-GRADE
N.T.S.




## SLAB-ON-GRADE DETAIL
N.T.S



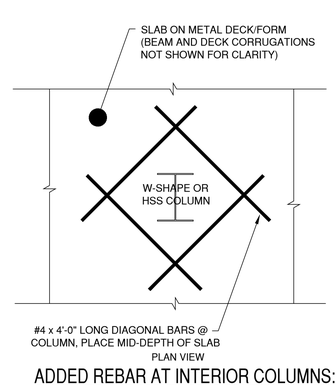

## REINFORCING AT OPENINGS THROUGH CONCRETE SLAB ON STEEL FORM DECK
N.T.S.

NOTES:

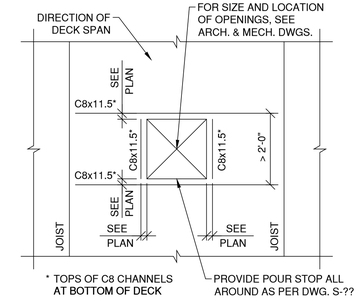
1. HOLES < 6"x6" MAY BE UNREINFORCED.

2. WHERE PIPE SLEEVES (OR CORES) AND DUCT PENETRATIONS ARE CLUSTERED CLOSER THAN 3 DIAMETERS (OR EQUIVALENT) APART, TREAT THE CLUSTER AS A SINGLE OPENING WITH EQUAL SIZE TO THE OUTER APART, TREAT THE CLUSTER AS A SINGLE.

3. OPENING GREATER THAN 10" IN EITHER DIMENSION SHALL BE FRAMED WITH UNDERSLAB C5x6.7 CHANNELS.




## ADDED REBAR AT INTERIOR COLUMNS: SLAB-ON-METAL DECK/FORM
N.T.S.




## ADDITIONAL FRAMING AT LARGE OPENING THROUGH CONCRETE SLAB ON STEEL DECK
N.T.S.

NOTE: UNLESS OTHERWISE NOTED, THIS DETAIL APPLIES AT OPENINGS GREATER THAN 2'-0" IN DIRECTION PERPENDICULAR TO DECK SPAN.

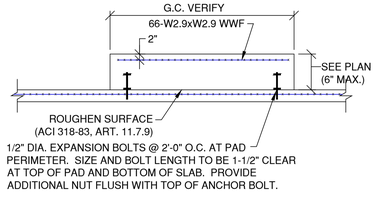
## NOTES:

1. USE SIMILAR DETAIL:
   A. AT BEAM TO BEAM MOMENT CONNECTION.
   B. WHERE PIPE SLEEVES OCCUR NEXT TO COLUMN.
   C. WHERE COLUMN BASE PLATE OCCURS ON TOP FLANGE OF STEEL BEAM.
   D. AT ALL OTHER CONDITIONS WHERE DECK SUPPORT IS INTERRUPTED FOR A DISTANCE GREATER THAN 6".

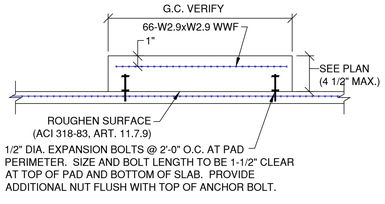
2. DECK SUPPORT ANGLES SHALL BE L2 1/2x2 1/2x1/4 (TYPICAL).

3. WHERE D IS 6" OR LESS, DECK SUPPORT ANGLES ARE NOT REQUIRED.

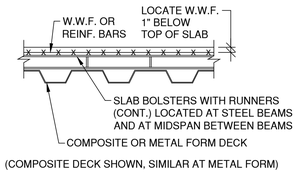
4. WHERE ALL DECK RIBS WOULD BE SUPPORTED BY BEAM SUPPLEMENTARY ANGLES MAY BE DELETED.




## TYPICAL HOUSEKEEPING PAD DETAIL: SLAB ON GRADE
N.T.S.

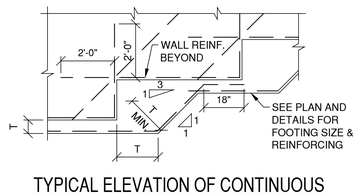



## TYPICAL HOUSEKEEPING PAD DETAIL: SLAB ON METAL FORM
N.T.S.

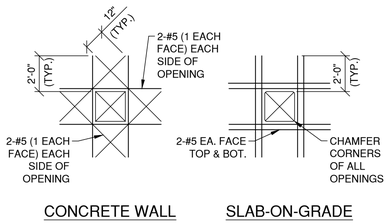



(COMPOSITE DECK SHOWN, SIMILAR AT METAL FORM)

## TYPICAL SLAB ON STEEL DECK
N.T.S.

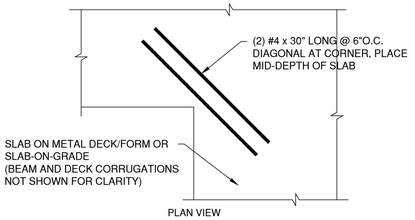



## TYPICAL ELEVATION OF CONTINUOUS STEPPED WALL FOOTING U.N.O. ON PLAN
N.T.S.




CONCRETE WALL  SLAB-ON-GRADE

## TYPICAL ADDED REINFORCING AT OPENING
N.T.S.




## TYPICAL RE-ENTRANT CORNER DETAIL
N.T.S.

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45 Merrill Lane - Ellsworth, Maine

Date: 01 MAY 2026

Scale: 1/8"=1'-0"

0 2' 4' 8'

Sheet Title: Structural Details

Sheet # F9

## MINIMUM CONCRETE MASONRY WALL REINFORCING SCHEDULE

| WALL LOCATION | WALL THICKNESS (NOMINAL) | VERTICAL REINFORCING | JOINT REINFORCING | BOND BEAMS |
|---|---|---|---|---|
| ELEVATOR SHAFTS AND STAIRS | 8" | #5 @ 16" | DUR-O-WALL 9 GAUGE JOINT REINFORCING @ 16" O.C. | PROVIDE WITH (2) #4 CONT. @ TOP OF WALLS, EACH FLOOR LEVEL AND 48"O.C. BETWEEN. ALSO PROVIDE AT 1ST COURSE ABOVE STEEL ANGLE LINTELS. |
| ELEVATOR SHAFTS AND STAIRS | 12" | #5 @ 16" | DUR-O-WALL 9 GAUGE JOINT REINFORCING @ 16" O.C. | PROVIDE WITH (2) #5 CONT. @ TOP OF WALLS, EACH FLOOR LEVEL AND 48"O.C. BETWEEN. ALSO PROVIDE AT 1ST COURSE ABOVE STEEL ANGLE LINTELS. |
| FREE STANDING INTERIOR PARTITIONS | 8" | #4 @ 48" | DUR-O-WALL 9 GAUGE JOINT REINFORCING @ 16" O.C. | PROVIDE WITH (2) #4 CONT. @ TOP OF WALLS, EACH FLOOR LEVEL AND 48"O.C. BETWEEN. ALSO PROVIDE AT 1ST COURSE ABOVE STEEL ANGLE LINTELS. |
| FREE STANDING INTERIOR PARTITIONS | 12" | #5 @ 48" | DUR-O-WALL 9 GAUGE JOINT REINFORCING @ 16" O.C. | PROVIDE WITH (2) #5 CONT. @ TOP OF WALLS, EACH FLOOR LEVEL AND 48"O.C. BETWEEN. ALSO PROVIDE AT 1ST COURSE ABOVE STEEL ANGLE LINTELS. |

NOTES:

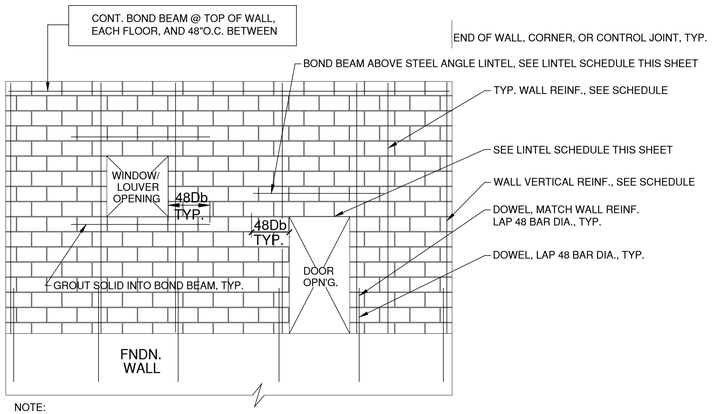
1. ALL REINFORCED CELLS SHALL BE GROUTED FULL HEIGHT.
2. STOP GROUT 2" BELOW BLOCK FOR KEYING WITH NEXT GROUT LIFT.
3. MAXIMUM GROUT LIFT SHALL BE 8'-0". USE "HIGH-LIFT" GROUTING TECHNIQUES FOR GROUT LIFTS GREATER THAN 4'-0".
4. PROVIDE DOWELS FROM FOUNDATION TO MATCH VERTICAL WALL REINFORCEMENT.
5. ALL MASONRY TO BE LAID IN RUNNING BOND.
6. LAP ALL BARS MINIMUM 48 BAR DIA.
7. BARS AROUND OPENINGS TO EXTEND MIN. 48 Db PAST EDGE.
8. SUBMIT MASONRY REINFORCING SHOP DRAWINGS FOR REVIEW.
9. PROVIDE CORNER BARS FOR BOND BEAM REINF W/ 36" LAP.
10. PROVIDE 90 DEGREE HOOKED DOWELS AT ALL 1ST & 2ND FLOOR SLABS-ON-FORM.
11. ALL INTERIOR MASONRY PARTITIONS MUST BE LATERALLY BRACED AT TOP MAX. 48" o.c. - SEE DETAILS

## ELEVATOR AND STAIR MASONRY (CMU) LINTEL SCHEDULE

| SIZE | BEARING |
|---|---|
| L 5 x 3 1/2 x 5/16 | 8" MIN. EA. END |

NOTES:

1. ONE ANGLE IS REQUIRED FOR EVERY 4" OF MASONRY.
2. MULTIPLE ANGLES SHALL BE WELDED BACK TO BACK.
3. PROVIDE STEEL ANGLE DIRECTLY BELOW BOND BEAM.
4. REFER TO ARCH'L PLANS FOR MASONRY LINTEL LOCATIONS.




NOTE:

1. ALL CORES RECEIVING BARS TO BE GROUTED SOLID, FULL HEIGHT.
2. REINFORCING SHOWN IS IN ADDITION TO TYPICAL C.M.U. WALL REINF.
3. SEE MASONRY NOTES ON SHEET FOR ADDITIONAL INFORMATION.
4. PROVIDE 90 DEGREE HOOKED DOWELS AT 1ST & 2ND FLOOR SLABS-ON-FORM.
5. VERIFY WITH ARCHITECT IF ANY CELLS MUST BE GROUTED SOLID AT ELEVATOR SHAFTS.

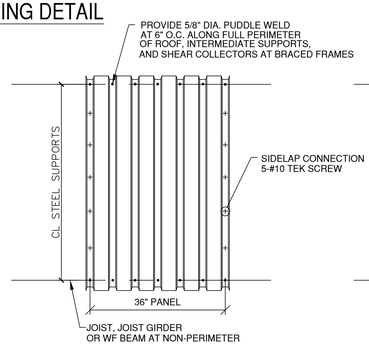
## TYPICAL C.M.U. WALL OPENING REINFORCING DETAIL

## MINIMUM CONNECTION REQUIREMENTS WHEN NO DESIGN REACTIONS GIVEN (BEAM-TO-COLUMN & BEAM-TO-BEAM)

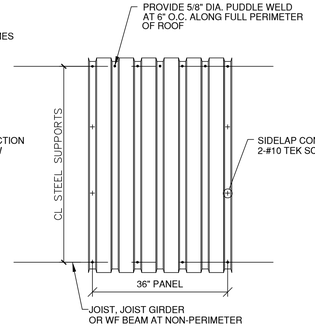
| BEAM DEPTH | MIN. NUMBER OF ROWS OF BOLTS |
|---|---|
| W8, W10 | 2 |
| W12, W14 | 3 |
| W16, W18 | 4 |
| W21 | 5 |
| W24 | 6 |
| W27 | 7 |
| W30 | 8 |

NOTES:

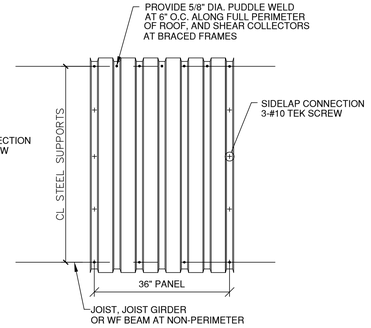
THE STEEL FABRICATOR SHALL DESIGN ALL BEAM SHEAR CONNECTIONS FOR $\frac{1}{2}$ THE ALLOWABLE UNIFORM LOAD PER AISC; BUT IN NO CASE SHALL HAVE LESS THAN THE MINIMUM ROWS OF BOLTS AS NOTED ABOVE. SUBMIT MAINE P.E. CALCULATIONS FOR REVIEW WITH THE STRUCTURAL STEEL SHOP DRAWINGS.



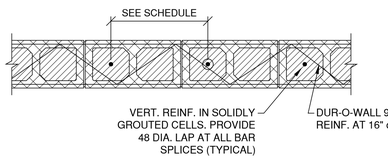

TYP. 36/7 ROOF DECK ATTACHMENT
DETAIL AT FLAT ROOF(S)
N.T.S.



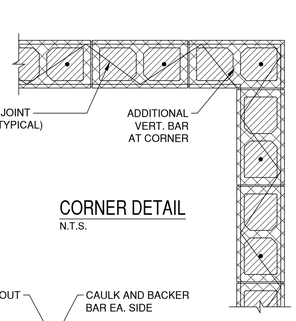

TYP. 36/4 ROOF DECK ATTACHMENT
DETAIL AT ENTRY ROOF
N.T.S.



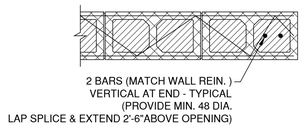

TYP. 36/4 ROOF DECK ATTACHMENT
DETAIL AT SLOPED ROOF
N.T.S.



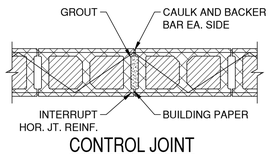

TYPICAL DETAIL
N.T.S.



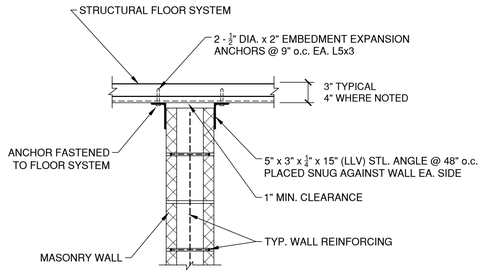

CORNER DETAIL
N.T.S.




FREE END DETAIL
N.T.S.

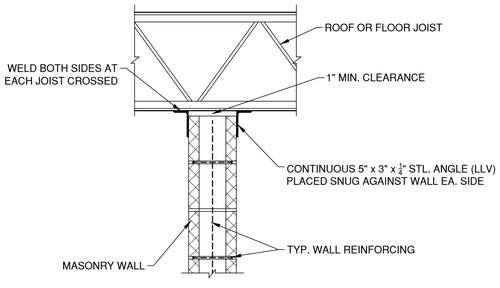



CONTROL JOINT
N.T.S.



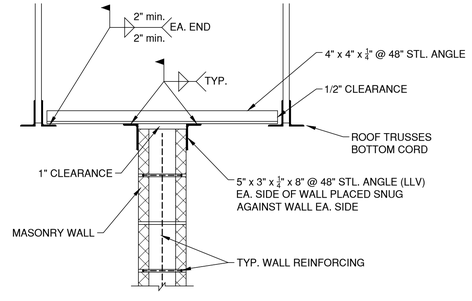

( WALL PARALLEL TO JOISTS )

TYPICAL INTERIOR CMU PARTITION WALL
LATERAL SUPPORT DETAIL




( WALL PERPENDICULAR TO JOISTS )

TYPICAL INTERIOR CMU PARTITION WALL
LATERAL SUPPORT DETAIL




TYPICAL INTERIOR CMU PARTITION WALL
LATERAL SUPPORT DETAIL AT ROOF TRUSSES

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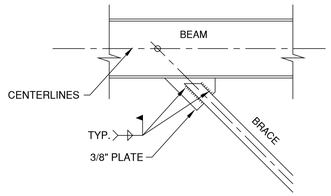
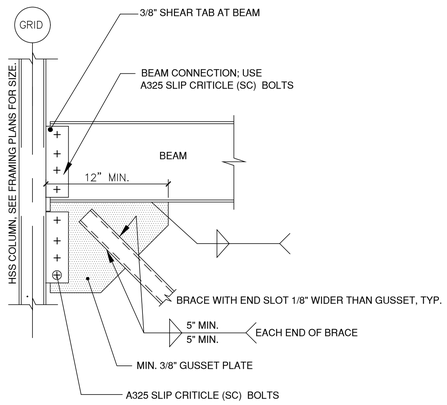
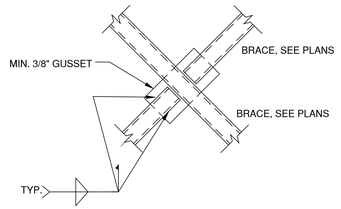



TYPICAL ECCENTRIC BRACE DETAIL

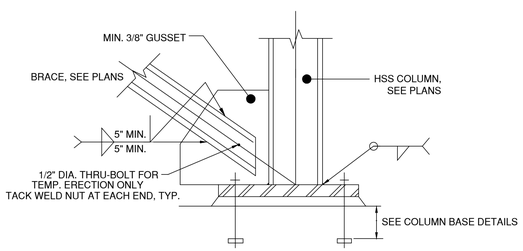



(SIMILAR AT LOW-END OF BRACES)

TYPICAL BEAM AND BRACE CONNECTION
AT BRACED FRAMES, U.N.O.

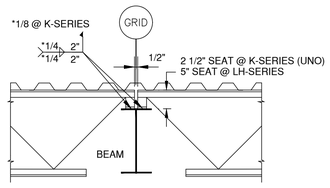



TYPICAL X-BRACE INTERSECTION



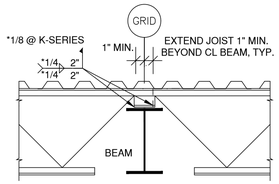

TYPICAL BRACE CONNECTION TO COLUMN BASE

TYPICAL FRAME BRACING DETAILS
N.T.S



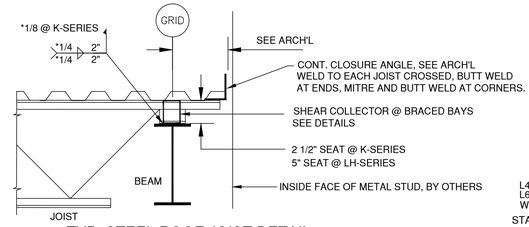

(WHEN JOIST ALIGN)

TYP. STEEL ROOF JOIST DETAIL
@ INTERIOR BEAM
N.T.S.

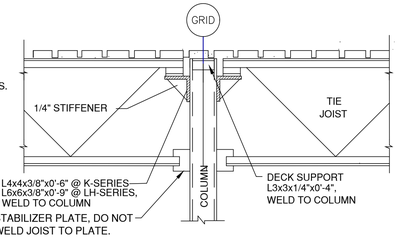



(WHEN JOIST DO NOT ALIGN)

TYP. STEEL ROOF JOIST DETAIL
@ INTERIOR BEAM
N.T.S. NTS

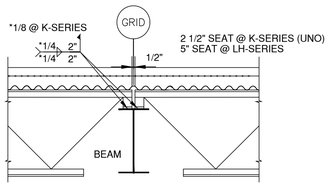



TYP. STEEL ROOF JOIST DETAIL
@ EXTERIOR BEAM
N.T.S.



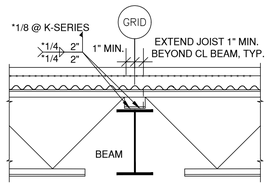

TYP. JOIST AND ROOF DECK SUPPORT AT COLUMN
N.T.S.

ROOF JOIST DETAILS



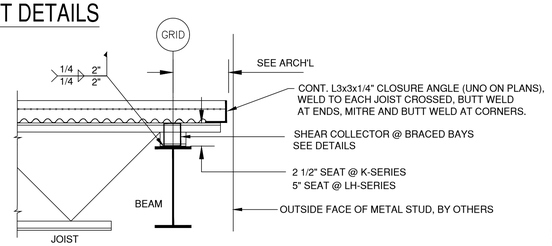

(WHEN JOIST ALIGN)

TYP. STEEL FLOOR JOIST DETAIL
@ INTERIOR BEAM
N.T.S.

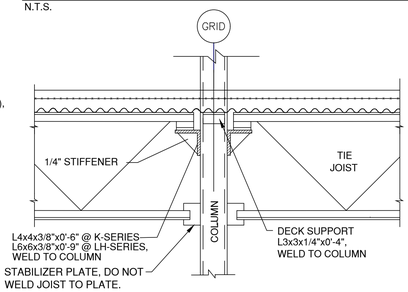



(WHEN JOIST DO NOT ALIGN)

TYP. STEEL FLOOR JOIST DETAIL
@ INTERIOR BEAM
N.T.S.

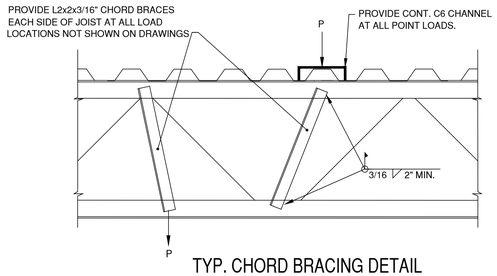



TYP. STEEL FLOOR JOIST DETAIL
@ EXTERIOR BEAM
N.T.S.

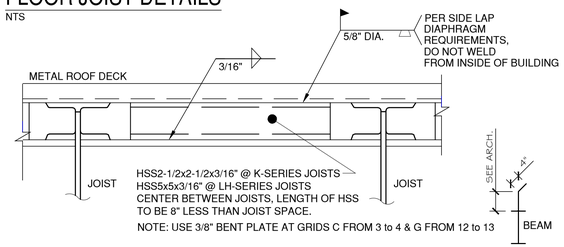



TYP. JOIST AND FLOOR DECK SUPPORT AT COLUMN
N.T.S.

FLOOR JOIST DETAILS
NTS

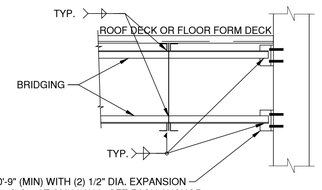



TYP. CHORD BRACING DETAIL
N.T.S.

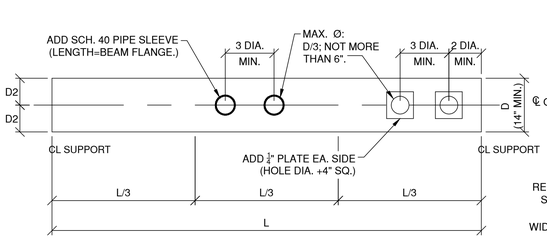



(PROVIDE AT ALL BRACED FRAME BEAMS)

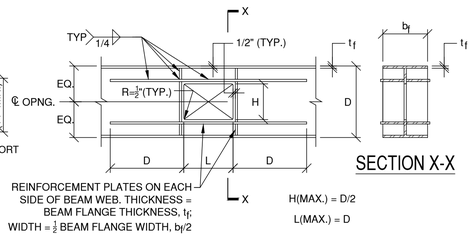
TYP. SHEAR COLLECTOR DETAIL
N.T.S.




TYP. JOIST BRIDGING DETAIL @ CONCRETE/MASONRY WALL
N.T.S.




TYPICAL PIPE HOLE DETAIL THROUGH BEAM
N.T.S.




SECTION X-X

TYPICAL BEAM PENETRATION DETAIL
N.T.S.
(REFER TO MECHANICAL AND PLUMBING DRAWINGS FOR
SIZES AND LOCATIONS OF ALL BEAM PENETRATIONS)

DO NOT LOCATE ANY BEAM PENETRATION AT LOCATION OF CONCENTRACTED LOAD FROM BEAM AND/OR COLUMN ABOVE-SEE NOTE 2 THIS DETAIL.

DO NOT LOCATE ANY BEAM PENTRATION OVER COLUMN AND/OR SUPPORT BELOW-SEE NOTE 2 THIS DETAIL.

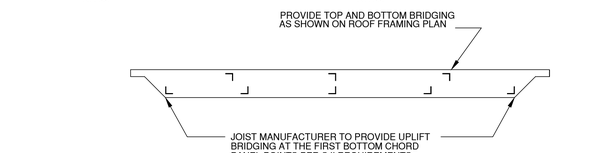
ALL OPENINGS REQUIRED THROUGH BEAMS AND GIRDERS SHALL BE DETERMINED BY THE GENERAL CONTRACTOR, AND ARE TO BE SHOWN ON THE SHOP DRAWINGS AND SUBMITTED TO THE STRUCTURAL ENGINEER FOR REVIEW PRIOR TO FABRICATION SINCE SOME CASE MODIFICATIONS MAY BE REQUIRED.

FIELD CUTTING OPENINGS IS NOT PERMITTED. FIELD DRILLING OR PLASMA CUTTING MAY BE PERMITTED WITH THE SPECIFIC APPROVAL OF THE STRUCTURAL ENGINEER.

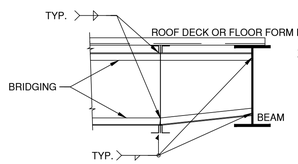
NOTES:

1. CIRCULAR HOLES WITH Ø ≤ D/2 MAY BE MADE AT MID-DEPTH OF BEAMS NOT SUPPORTING OTHER BEAMS AS FOLLOWS:
   a. IN MIDDLE 1/3 OF SPAN:
      NO REINFORCING REQUIRED
   b. IN END 1/3's OF SPAN:
      REINFORCE WITH 1/4" PLATE 4" LARGER THAN HOLE WELD
      PLATE TO BEAM WEB WITH 1/4" FILLET WELD ALL AROUND
   c. MINIMUM SPACING OF OPENINGS = 3 Ø
   d. OPENINGS MUST BE AT LEAST 3 Ø OR 2'-0" (USE LARGEST) AWAY FROM END SUPPORTS
2. REINFORCED RECTANGULAR OPENINGS AS DETAILED ABOVE SHALL NOT BE SPACED CLOSER THAN 2 L APART NOR WITHIN 5'-0" FROM THE END OF A BEAM GIRDER NOR A LOCATION WHERE ANOTHER BEAM FRAMES INTO A BEAM OR GIRDER.

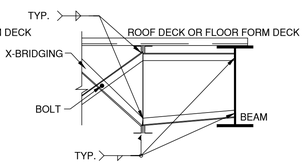
TYPICAL BEAM PENETRATION DETAILS
N.T.S




TYPICAL JOIST BRIDGING DETAILS
N.T.S.




TYP. JOIST BRIDGING DETAIL
N.T.S.




TYP. JOIST X-BRIDGING DETAIL
N.T.S.

JOIST BRIDGING DETAILS
NTS

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SRG
Engineering, Inc.
• Structural Engineers •
P.O. Box 925 - Gray, Maine 04039

STATE OF MAINE
STEVEN R. GRANT
No. 6825
LICENSED PROFESSIONAL ENGINEER

# Hancock Judicial Center

45 Merrill Lane - Ellsworth, Maine

Date: 01 MAY 2026

Scale: 1/8"=1'-0"

Sheet Title: Structural Details

Sheet # F11

## GENERAL:

1. STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH ARCHITECTURAL, MECHANICAL, ELECTRICAL, CIVIL, LANDSCAPE, AND SHOP DRAWINGS AND SPECIFICATIONS.

2. ALL DIMENSIONS AND CONDITIONS MUST BE VERIFIED IN THE FIELD AND ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT BEFORE PROCEEDING WITH THE AFFECTED PORTION OF THE WORK.

3. SHOP DRAWINGS FOR REINFORCING STEEL (INCLUDING ALL ACCESSORIES), POUR SCHEDULE, STRUCTURAL STEEL, STEEL JOISTS, AND STEEL DECKING SHALL BE SUBMITTED TO SRG ENGINEERING (SRG) AND THEN BE STAMPED FOR ACCEPTANCE BEFORE FABRICATION CAN PROCEED. ERECTION SHALL BE EXECUTED FROM "REVIEWED" SHOP DRAWINGS ONLY.

4. A COMPLETE CONCRETE SLAB-ON-GRADE PLACEMENT SCHEDULE SHALL BE SUBMITTED TO THE ARCHITECT AND THEN BE STAMPED FOR ACCEPTANCE BEFORE ANY CONCRETE PLACEMENT CAN BE MADE.

5. UNLESS OTHERWISE NOTED, DETAILS SHOWN ON ANY DRAWINGS ARE TO BE CONSIDERED TYPICAL FOR ALL SIMILAR CONDITIONS.

6. U.N.O. = UNLESS NOTED OTHERWISE.

7. REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONS AND/OR ELEVATIONS NOT SHOWN ON THE STRUCTURAL DRAWINGS.

8. IN CASE OF CONFLICT AMONG CONTRACT DOCUMENTS (i.e. CONTRACT DOCUMENTS, AND SPECIFICATIONS AND/OR PROJECT MANUAL), THE MORE SPECIFIC AND LOCALIZED INFORMATION IN THE FOLLOWING ASCENDING ORDER SHALL GOVERN: SPECIFICATIONS AND/OR PROJECT MANUAL, NOTES, PLANS, SCHEDULES AND DETAILS.

9. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY TEMPORARY SHORING AND BRACING FOR THE BUILDING DURING THE ENTIRE CONSTRUCTION. FRAMING AND WALLS SHALL BE TEMPORARY BRACED BY THE CONTRACTOR UNTIL ALL BRACING, WALLS , FLOOR DECK, AND ROOF DECKS HAVE BEEN ERECTED AND ALL CONNECTIONS BETWEEN THESE ELEMENTS HAVE BEEN MADE. ALL FOUNDATION WALLS SHALL HAVE ADEQUATE TEMPORARY BRACING BEFORE BACKFILL IS PLACED AGAINST THEM. TEMPORARY BRACING SHALL NOT BE REMOVED UNTIL ALL FRAMING, WALLS, AND DECKS ARE FULLY ERECTED. SHORING, BRACING, AND TEMPORARY SUPPORTS IS THE CONTRACTORS RESPONSIBILITY.

10. ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE LATEST EDITIONS WITH CURRENT AMENDMENTS (UNLESS NOTED OTHERWISE) OF THE FOLLOWING BUILDING CODES AND STANDARDS:

    A. 2021 INTERNATIONAL BUILDING CODE

    B. "AISC" - CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES

    C. "ACI 318" - BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE

    D. "ACI 530" - BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES

    E. "AISC" - SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS

11. CONTRACTOR SHALL NOT SCALE DRAWINGS.

12. DEVIATION FROM DESIGN DRAWINGS IS NOT PERMITTED WITHOUT PRIOR REVIEW BY THE ARCHITECT AND SRG.

13. GENERAL CONTRACTOR SHALL COORDINATE LOCATIONS OF SUMPS, OPENING PITS, BOXES, TRENCHES, SLEEVES, DEPRESSIONS, PENETRATIONS, ETC. WITH ELECTRICAL, MECHANICAL, AND PLUMBING CONTRACTORS.

14. WORK COMPLETED BY THE CONTRACTOR WITHOUT DIMENSIONS OR INFORMATION SHALL BE DONE AT THE CONTRACTORS RISK AND IS TO BE REMOVED AND REINSTALLED TO PROJECT REQUIREMENTS AT NO ADDITIONAL COST TO THE OWNER.

15. WORK PERFORMED BY THE CONTRACTOR PRIOR TO REVIEW AND APPROVAL OF SUBMITTALS AND/OR SHOP DRAWINGS IS NOT ALLOWED.

16. CONTRACTOR IS REQUIRED TO CONFORM TO THE LATEST "OSHA" STANDARDS WITH CURRENT AMENDMENTS.

17. NON-CONFORMING WORK: CONTRACTOR SHALL BE RESPONSIBLE FOR CORRECTING DEFICIENCIES IN STRUCTURAL WORK WHICH INSPECTIONS LABORTORY REPORTS HAVE INDICATED TO BE NOT IN COMPLIANCE WITH REQUIREMENTS. ADDITIONAL TESTS SHALL BE PERFORMED, AT THE CONTRACTOR'S EXPENSE, AS MAY BE NECESSARY TO SHOW COMPLIANCE OF CORRECTED WORK. ANY COSTS ASSOCIATED WITH THE ENGINEER'S REVIEW AND DISPOSITION OF FAULTY WORKS SHALL BE BORNE BY THE CONTRACTOR.

## DESIGN LOADS:

DESIGN CODE: 2021 INTERNATIONAL BUILDING CODE - PER THE MAINE UNIFORM BUILDING AND ENERGY CODE (MUBEC).

1. BUILDING ROOF LOADS

   A. SNOW LOAD:
      i. CODE FLAT ROOF SNOW LOAD (Pf) = 50 PSF (Pf=0.7*Ce*Ct*I*Pg)
         Ce=1.0, Ct=1.10, I=1.0, Pg = 60 PSF
      ii. NO SNOW LOAD REDUCTION AT 5:12 SLOPED ROOF, PER SRG.
      iii. UNIFORM DRIFTING SNOW AT ENTRANCE LOW ROOF = 165 PSF
      iv. FLAT ROOF = 90 PSF; WHICH TAKES INTO ACCOUNT SLIDING SNOW FROM 5:12 ROOF
   B. ROOF DEAD: 25 PSF
   C. NON-BALLASTED SOLAR ALLOWANCE: 5 PSF
   C. STRUCTURE: ACTUAL WEIGHTS OF MATERIALS

2. BUILDING 1st and 2nd FLOOR LOADS
   A. DEAD LOAD: 60 PSF; EXCEPT 100 PSF @ MECHANICAL ROOM AND 72 PSF AT COURTROOMS
   B. LIVE LOAD:

| | |
|---|---|
| TYPICAL UNLESS NOTED OTHERWISE | 80 PSF |
| LOBBIES & STAIRS | 100 PSF |
| HI-DENSITY SHELVING | 160 PSF |
| COURTROOMS 2, 3, 4 | 100 PSF |
| FIRST FLOOR CORRIDOR | 100 PSF |
| SECOND FLOOR CORRIDOR | 80 PSF |
| MECHANICAL ROOF | 100 PSF |

3. SLAB-ON-GRADE LOADS
   A. LIVE LOAD:

| | |
|---|---|
| TYPICAL AREAS | 100 PSF (UNO) |
| FILES ROOM | 250 PSF |
| MECHANICAL ROOM | 100 PSF |

## DESIGN LOADS-CONTINUED:

3. WIND LOAD:

   ULTIMATE WIND SPEED, Vu= = 109 MPH
   BASIC WIND SPEED, Vasd = 85 MPH
   Iw= 1.00, OCCUPANCY CATEGORY = II
   EXPOSURE CATEGORY = B
   GUST FACTOR: G=0.85
   COMPONENTS AND CLADDING PRESSURES: PER ASCE 7-16

5. SEISMIC (PER SECTION 1613.0 OF 2021 INTERNATIONAL BUILDING CODE)

   $V = C_S W$ WHERE $C_S = \frac{S_{DS}}{\left(\frac{R}{Ie}\right)} \quad \frac{S_{D1}}{\left(\frac{R}{Ie}\right)T}$

   (a) RISK CATEGORY II; I = 1.00
   (b) SPECTRAL RESPONSE COEFFICIENTS
   $S_s$ = 0.243 $S_{ds}$ = 0.210
   $S_1$ = 0.068 $S_{d1}$ = 0.068

   (c) SITE CLASS C SOILS - PER S.W. COLE ENGINEERING
   (d) LATERAL LOAD RESISTING SYSTEM: ORDINARY CONCENTRIC BRACED FRAMES (OCBF)
   (e) RESPONSE MODIFICATION COEFFICIENT, R=3.00
   (f) DEFLECTION AMPLIFICATION FACTOR, $C_D$=3.25
   (g) SYSTEM OVERSTRENGTH FACTOR, $\Omega_o$=2.0

   (h) DESIGN BASE SHEAR V = (Cs) x (W)
   Cs=0.035 FOR E-W DIRECTION, 0.038 FOR N-S DIRECTION
   W=3874.7 KIPS
   (i) ANALYSIS PROCEDURE: EQUIVALENT LATERAL FORCE PROCEDURE
   (j) SEISMIC DESIGN CATEGORY = B

6. ALLOWABLE SOIL LOADS; PER S.W. COLE ENGINEERING GEOTECHNICAL REPORT DATED JULY 30, 2025:
   (a) NET ALLOWABLE SOIL BEARING PRESSURE = 3000psf (3 ksf)
   (b) ALLOWABLE SUBGRADE MODULUS (SM) = 120pci, except 140 @ BASEMENT

7. SPECIAL LOADING:

   (a) GUARDRAILS/HANDRAILS: (NON-CONCURRENT)
   -NON-CONCURRENT 200 POUND CONCENTRATED LOAD OR 50 PLF HORIZONTAL.
   -50 PSF AT INFILL.

## FOUNDATION:

1. WHERE SHOWN ON THE DRAWINGS, NEW FOUNDATIONS SHALL BE CAST ON AT LEAST 6 INCHES OF COMPACTED 3/4 INCH CRUSHED STONE WITH A GEOTEXTILE SEPARATION FABRIC (SUCH AS MIRAFI 180N) LOCATED BETWEEN THE CRUSHED STONE AND PROPERLY PREPARED SUBGRADE. SEE S.W. COLE ENGINEERING, INC. REPORT DATED JULY 30, 2025. THE DESIGN NET SOIL BEARING VALUE FOR ALL FOOTINGS IS 3,000 PSF (3 KSF).

2. THE ELEVATION OF THE BOTTOM OF EACH FOOTING IS INDICATED ON THE PLANS.

3. NO BACKFILL SHALL BE PLACED AGAINST FOUNDATION WALLS RETAINING EARTH UNLESS WALLS ARE SUFFICIENTLY BRACED TO PREVENT MOVEMENT OR STRUCTURAL DAMAGE AND THE SLAB-ON-GRADE IS IN PLACE.

4. REFER TO THE S.W. COLE ENGINEERING, INC. PROJECT GEOTECHNICAL REPORT ATED JULY 30, 2025 FOR SUB GRADE PREPARATION, FROST PROTECTION, BACKFILL, COMPACTION, AND DRAINAGE REQUIREMENTS.

5. FOR CONSTRUCTION UNDER WINTER CONDITIONS, FOUNDATION AND FLOOR SLABS SHALL BE PROTECTED FROM FREEZING TEMPERATURES UNTIL THE BUILDING FOUNDATION IS COMPLETED, INSULATED, AND BACKFILLED.

6. THE DESIGN AND EXECUTION OF ALL EARTH RETENTION SYSTEMS DURING CONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR.

7. NO CONCRETE SHALL BE PLACED IN WATER, ICE, FROST, OR ON FROZEN SUBGRADE MATERIAL. PRECAUTIONS SHALL BE TAKEN BY THE CONTRACTOR TO PREVENT FROST FROM PENETRATING ANY FOOTING OR SUBGRADE MATERIAL (BEFORE AND AFTER CONCRETE PLACEMENT) UNTIL SUCH SUBGRADE MATERIAL IS FULLY PROTECTED BY THE PERMANENT STRUCTURAL SYSTEM.

8. COLUMN FOOTINGS AND PIERS SHALL BE CENTERED ON GRID INTERSECTIONS, U.N.O.

9. AT RE-ENTRANT CORNERS AND EACH SIDE OF DOOR OPENINGS, PROVIDE 3-#4x3'-0" @ 6"O.C. PLACED AT MID-DEPTH OF SLAB.

10. FOUNDATION WALL REINFORCING SHALL BE FIELD ADJUSTED AS REQUIRED TO NOT INTERFERE WITH BASE PLATE ANCHOR RODS.

11. COORDINATE ALL INTERIOR AND EXTERIOR SLAB PITCH REQUIREMENTS WITH ARCHITECTURAL AND CIVIL DRAWINGS.

## CONCRETE (CAST-IN-PLACE):

1. CONCRETE SHALL BE NORMAL WEIGHT, HAVE TYPE I, II, OR III CEMENT, AND HAVE THE FOLLOWING PROPERTIES; SEE PROJECT SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS:
   (a) WALLS AND FOOTINGS: F'c = 4000 PSI
   (b) EXTERIOR SLABS AND INTERIOR SECURE GARAGE PARKING: F'c = 4500 PSI
   (c) INTERIOR SLABS BELOW STRUCTURE: 3000 PSI
   (d) SLUMP: NOT LESS THAN 1 INCH, NOT MORE THAN 3 INCHES. USE A MID-RANGE WATER REDUCER IF A HIGHER SLUMP IS DESIRED. MAXIMUM SLUMP AFTER ADMIXTURE HAS BEEN ADDED IS 6 INCHES.
   (e) ADJUSTMENT TO CONCRETE MIXES: NOT ALLOWED WITHOUT REVIEW AND APPROVAL BY THE ENGINEER.

2. REINFORCING TO BE NEW DEFORMED BARS CONFORMING TO ASTM A615, GRADE 60, AND SHALL BE FREE FROM LOOSE RUST AND SCALE.

   LAP ALL CONTINUOUS BARS IN ACCORDANCE WITH ACI; 48 BAR DIAMETERS (MINIMUM).

3. ALL WELDED WIRE FABRIC (W.W.F.) SHALL "SHEET TYPE" AND CONFORM TO ASTM A185 (WITH A MINIMUM ULTIMATE TENSILE STRENGTH OF 70 KSI). LAP 2 SQUARES AT ALL JOINTS AND TIE @ 3'-0" ON CENTER.

4. CLEAR CONCRETE COVER FOR REINFORCING BARS AND/OR WELDED WIRE FABRIC SHALL CONFORM TO THE FOLLOWING, UNLESS NOTED:

| | |
|---|---|
| FOOTINGS: | 3" |
| FOUNDATION WALLS: | 2" |
| PIERS AND PILASTERS: | 2" TO TIES |
| SLABS-ON-GRADE: | 2" FROM TOP; 3" FROM BOTTOM |
| SLABS-ON-METAL FORM DECK: | MID-DEPTH |

5. NO BARS SHALL BE CUT OR OMITTED IN THE FIELD BECAUSE OF SLEEVES, DUCT OPENINGS OR RECESSES. BARS MAY BE MOVED ASIDE WITHOUT CHANGE IN LEVEL WITH THE REVIEW OF THE ENGINEER.

6. PIPE PENETRATIONS THROUGH CONCRETE THAT DO NOT CONFORM TO THE TYPICAL DETAILS SHOWN ON THE TYPICAL DETAIL SHEETS ARE NOT ALLOWED WITHOUT THE PERMISSION OF THE ENGINEER. STEEL PIPE SLEEVES SHALL BE PROVIDED AND SPACED A MINIMUM OF THREE PIPE DIAMETERS APART. ALL OTHER SLEEVE LOCATIONS MUST BE SUBMITTED FOR REVIEW. IN NO CASE SHALL SLEEVES OR CONDUIT BE PLACED IN CONCRETE BEAMS. CONCRETE SLABS ON METAL DECK WITHOUT WRITTEN ACCEPTANCE FROM THE STRUCTURAL ENGINEER.

7. ALL CONDUIT SHALL RUN ABOVE BOTTOM REINFORCING, BELOW TOP REINFORCING, AND INSIDE BEAM STIRRUPS AND WALL REINFORCING. LINES OF CONDUIT SHALL BE SPACED NOT CLOSER THAN THREE CONDUIT DIAMETERS ON CENTER. MAXIMUM SIZE OF CONDUIT IN SLAB SHALL BE EQUAL TO $\frac{1}{3}$ OF THE SLAB OR WALL THICKNESS.

8. ALL KEYS (WHERE SHOWN) SHALL BE 2" BY 4" WITH BEVELED SIDES (UNLESS OTHERWISE NOTED).

9. HORIZONTAL CONSTRUCTION JOINTS SHALL BE AS INDICATED ON THE DRAWINGS. VERTICAL CONSTRUCTION JOINTS SHALL BE APPROVED BY THE ARCHITECT. CONSTRUCTION JOINTS SHALL BE FORMED WITH A STANDARD KEY AND ALL REINFORCING EXTENDED A MINIMUM OF 40 DIAMETERS, UNLESS NOTED. CONSTRUCTION JOINTS BELOW GRADE SHALL HAVE CONTINUOUS BENTONITE WATERSTOPS.

10. CONSTRUCTION AND CONTROL JOISTS OTHER THAN THOSE SHOWN ON THE DRAWINGS MAY BE PERMITTED SUBJECT TO THE PRIOR APPROVAL OF SRG. EXPANSION JOINT LOCATIONS ARE MANDATORY AS SHOWN.

11. THE CONTRACTOR SHALL SUBMIT DRAWINGS SHOWING THE COMPLETE LAYOUT OF ALL CONTROL JOINTS, CONSTRUCTION JOINTS, AND ISOLATION JOINTS FOR SLABS-ON-GRADE. CONCRETE PLACEMENT SHALL NOT PROCEED UNTIL THESE DRAWINGS HAVE BEEN REVIEWED AND APPROVED BY SRG.

12. DETAILS NOT SHOWN ON THE DRAWINGS SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE ACI DETAILING MANUAL 315.

13. SUPPORT BARS FOR SLAB-ON-GRADE REINFORCING SHALL BE #5 OR GREATER, AND SHALL BE SPACED NOT MORE THAN 4' -0" O.C. SUPPORT BARS AND ENDS OF MAIN REINFORCING BARS SHALL NOT EXTEND MORE THAN 1'-6" PAST THE OUTERMOST CHAIR OR SUPPORT BAR.

14. PROVIDE CONCRETE PADS FOR MECHANICAL EQUIPMENT ACCORDING TO THE REQUIREMENTS OF THE MANUFACTURER AND IN ACCORDANCE WITH THE TYPICAL DETAILS. COORDINATE LOCATIONS WITH M.E.P. WORK.

15. PROVIDE SEALANT FOR ALL EXPOSED-TO-VIEW CONSTRUCTION JOINTS, CONTROL JOINTS, AND SHEAR KEYS. USE EPOXY BASE SEALANT AT ALL SLAB-ON-GRADE JOINTS..

16. NOT ALL OPENINGS THROUGH CONCRETE SLABS AND WALLS ARE SHOWN ON THE STRUCTURAL DRAWINGS. OPENINGS INDICATED, OR ANY ADDITIONAL OPENINGS OR INSERTS REQUIRED, SHALL BE VERIFIED WITH RESPECTIVE TRADES PRIOR TO PLACEMENT OF CONCRETE.

17. FLOOR SLABS SHALL BE PLACED TO THE REQUIRED ELEVATIONS, INCLUDING TOLERANCES FOR FLATNESS AND LEVELNESS. SLAB THICKNESS INDICATED ARE MINIMUM. QUANTITY OF CONCRETE USED SHALL TAKE INTO ACCOUNT THE DEFLECTIONS OF SUPPORTING STRUCTURAL MEMBERS AND FORMS.

18. SEE ARCHITECTURAL/MECHANICAL/ELECTRICAL/SITE DRAWINGS FOR FINISHES, DEPRESSIONS, REGLETS, NOTCHES, AND OTHER FEATURES.

19. PLASTIC "DOUGHNUT" TYPE SPACERS SHALL BE PROVIDED FOR ALL VERTICAL COLUMN/PIER/PEDASTAL REINF. STEEL, IN ORDER TO MAINTAIN MINIMUM CLEARANCE.

## CONCRETE (CAST-IN-PLACE) (CONT'D):

20. PROVIDE ADDITIONAL REINFORCING AT ALL CONSTRUCTION JOINTS, AS REQUIRED, ACCORDING TO THE APPLICABLE CONSTRUCTION JOINT DETAILS SHOWN ON THESE DRAWINGS.

21. UNLESS NOTED OTHERWISE, PROVIDE #4@12" DOWELS AND (1) - #4 CONT. IN ALL CONCRETE CURBS. FOR SIZE AND LOCATION OF CURBS, REFER TO ARCHITECTURAL DRAWINGS.

22. ALL COLUMN DOWELS AND ANCHOR RODS SHALL BE SET BY TEMPLATE.

23. ALL DOWELS FOR COLUMN AND WALL REINFORCEMENT SHALL MATCH LAPPING BAR SIZE AND SPACING, U.O.N.

24. ALUMINUM CONDUITS AND PIPES SHALL NOT BE EMBEDDED IN STRUCTURAL CONCRETE UNLESS EFFECTIVELY COATED OR COVERED TO PREVENT ALUMINUM-CONCRETE REACTION OR ELECTROLYTIC ACTION BETWEEN ALUMINUM AND STEEL.

25. SAMPLES FOR SLUMP, ENTRAINED AIR CONTENT, AND STRENGTH TEST (1@7 DAYS, 2 @28 DAYS, 1 HOLD) OF EACH CLASS OF CONCRETE PLACED EACH DAY SHALL BE TAKEN NOT LESS THAN ONCE A DAY, NOR LESS THAN ONCE FOR EACH 50 CUBIC YARDS OF CONCRETE.

26. UNLESS NOTED OTHERWISE AND WHERE REQUIRED, ALL PILASTERS AND PIERS SHALL BE REINFORCED WITH 8 - #8 VERTICAL (3 EACH FACE) AND (3) #4 TIES @ 4" O.C. AT TOP WITH #4 TIES @10" O.C. REMAINDER.

27. CONCRETE SHALL BE CAST MONOLITHICALLY, EXCEPT AS INDICATED ON THE DRAWINGS.

28. COMPLY WITH ACI 305 AND ACI306 FOR ALL HOT AND COLD WEATHER CONCRETE PLACEMENTS, RESPECTIVELY.

29. CONCRETE CURING FOR ALL SLABS: USE WET BURLAP METHOD WITH POLYETHYLENE COVER. PROVIDE MINIMUM 7 DAY WET CURE. CONFORM TO ACI 302-1R GUIDE FOR CONCRETE SLAB AND FLOOR CONSTRUCTION.

30. FORM OIL CAN NOT COME INTO CONTACT WITH REINFORCING. CONTRACTOR SHALL CLEAN AND REMOVE ALL FORM ALL FROM REINFORCING PRIOR TO PLACEMENT OF CONCRETE; NO EXCEPTION.

## STRUCTURAL STEEL:

1. ALL STRUCTURAL STEEL MATERIALS, WORKMANSHIP, AND DETAILS SHALL CONFORM TO THE 16th EDITION (360-16) OF THE AISC "SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS - ALLOWABLE STRESS DESIGN AND PLASTIC DESIGN", AND LATEST EDIUTION OF THE AISC "CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES". STRUCTURAL STEEL SHALL CONFORM TO THE FOLLOWING SPECIFICATIONS.

2. STRUCTURAL STEEL W-SHAPES.....ASTM A992 (GRADE 50)
   STRUCTURAL STEEL TUBES.....ASTM A 500, GRADE B (FY=46 KSI)
   STRUCTURAL STEEL PIPES.....ASTM A500, GRADE B (FY=42KSI)
   STRUCTURAL STEEL PLATES.....ASTM A36 (MIN.), U.N.O.
   STEEL ANGLES AND CHANNELS.....ASTM A36 (MIN.), U.N.O.

3. FIELD CONNECTIONS SHALL BE BOLTED USING ASTM A325N HIGH STRENGTH BOLTS (UNO) EXCEPT WHERE SLIP-CRITICLE (SC) CONNECTIONS ARE REQUIRED. SLIP CRITICLE (SC) CONNECTIONS ARE REQUIRED AT ALL MOMENT CONNECTIONS, BRACED FRAMES, HANGER (TENSION) CONNECTIONS, AND AS NOTED OTHERWISE ON PLANS. CONNECTIONS SHALL BE DESIGNED AND DETAILED IN ACCORDANCE WITH AISC STANDARDS, USING THE "ASD" METHOD. (MINIMUM 2 BOLT ROWS)

4. CONNECTION DESIGN FOR THIS PROJECT IS NOT REQUIRED.

5. WELDING TO CONFORM TO AWS D1.1-LATEST EDITION; E70XX SERIES.

6. PROVIDE $\frac{3}{8}$" THICK MINIMUM STIFFENER PLATES AT ALL BEAMS OVER COLUMNS AND COLUMNS OVER BEAMS, UNLESS OTHERWISE NOTED.

7. SHOP PRIME AND PAINTING REQUIREMENTS ARE AS FOLLOWS:

   A. COORDINATE PAINTING SPECIFICATION WITH THE ARCHITECT.

   B. PRIMING AND PAINTING FOR STRUCTURAL STEEL PERMANENTLY EXPOSED TO VIEW SHALL MEET THE REQUIREMENTS OF SECTION 10 OF THE CODE OF STANDARD PRACTICE, "ARCHITECTURALLY EXPOSED STRUCTURAL STEEL".

   C. GENERAL: SHOP PRIMING OF ALL STRUCTURAL STEEL IS **GENERALLY** NOT REQUIRED. SHOP PRIMING AND TOP COAT ARE REQUIRED ONLY FOR STEEL PERMANENTLY EXPOSED TO WEATHER OR VIEW, OR AS OTHERWISE INDICATED ON THE DRAWINGS.

   D. STEEL WHICH IS TO RECEIVE SPRAY-ON FIREPROOFING SHALL NOT BE PRIMED OR PAINTED, UNLESS SPECIFIED BY THE ARCHITECT.

   E. STRUCTURAL STEEL PRIMER PAINT: ALL STEEL SHALL BE FABRICATED AND SHIPPED AS BARE UNPRIMED STEEL, EXCEPT STEEL PERMANENTLY EXPOSED TO WEATHER OR VIEW. STEEL PERMANENTLY EXPOSED TO VIEW, OR AS INDICATED ON THE DRAWINGS SHALL BE PRIMED USING FABRICATOR'S STANDARD RUST INHIBITIVE ALKYD PRIMER, EQUAL TO TNEMEC 10-99. STEEL EXPOSED TO WEATHER SHALL BE PRIMED WITH ZINC RICH PRIMER, TNEMEC 90-97, RED OR GRAY. PRIMER SHALL BE COMPATIBLE WITH TOP COATS SPECIFIED BELOW.

   F. STRUCTURAL STEEL TOP COAT: STEEL PERMANENTLY EXPOSED TO VIEW, OR AS OTHERWISE INDICATED ON THE DRAWING SHALL BE TOP COATED WITH TNEMEC SERIES 2 GLOSS ENAMEL. STEEL EXPOSED TO WEATHER SHALL BE TOP COATED WITH TNEMEC SERIES 73 ENDURA SHIELD. COLOR SHALL BE SELECTED BY ARCHITECT. EXPOSED STEEL INCLUDES, BUT NOT LIMITED TO; GARAGE 119, HEATED STORAGE 109, UNHEATED STORAGE 107, AND THE VEHICLE MAINTENANCE BUILDING.

   G. SURFACE PREPARATION: AFTER INSPECTION AND BEFORE SHIPPING, CLEAN STEEL WORK TO BE PAINTED. REMOVE LOOSE MILL SCALE, SPLATTER, SLAG, OR FLUX DEPOSITS. CLEAN STEEL IN ACCORDANCE WITH STEEL STRUCTURES PAINTING COUNCIL (SSPC) SP-2 OR SP-3 "HAND TOOL CLEANING," FOR ALKYD PRIMER, AND SP-6, "COMMERCIAL BLAST CLEANING" FOR ZINC RICH PRIMER, UNLESS SHOWN OTHERWISE ON DRAWINGS.

   H. PAINTING: IMMEDIATELY AFTER SURFACE PREPARATION, APPLY STRUCTURAL STEEL PRIMER PAINT IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. APPLY PRIMER AT A RATE TO PROVIDE A DRY FILM THICKNESS AS SPECIFIED BY MANUFACTURER. USE PAINTING METHODS WHICH RESULT IN FULL COVERAGE OF JOINTS, CORNERS, EDGES, AND EXPOSED SURFACES. FOLLOWING PROPER CURE TIMES AND TEMPERATURES, APPLY TOP COAT IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS AT A RATE TO PROVIDE DRY FILM THICKNESS AS SPECIFIED BY MANUFACTURER.

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SRG
Engineering, Inc.
• Structural Engineers •
P.O. Box 925 - Gray, Maine 04039

STATE OF MAINE
STEVEN R. GRANT
No. 6825
LICENSED PROFESSIONAL ENGINEER

# Hancock Judicial Center

45 Merrill Lane - Ellsworth, Maine

Date: 01 MAY 2026

Scale: 1/8"=1'-0"

0 2' 4' 8'

Sheet Title: Structural Notes

Sheet # F12

## STRUCTURAL STEEL (CONT'D):

8. PROVIDE ¾ INCH LEVELING PLATE AND ⅜" (±) OF NON-SHRINK STRUCTURAL GROUT (EQUAL TO 5-STAR BRAND) UNDER ALL COLUMN BASE PLATES SUPPORTED ON CONCRETE. LEVELING PLATES SHALL BE SET AND GROUTED SOLID BEFORE ERECTION OF COLUMN.

9. ANCHOR RODS SHALL BE STRAIGHT THREADED ROD (NUT AND WASHER EACH END) AND CONFORM TO ASTM F1554, GRADE 36; UNLESS NOTED OTHERWISE. PROVIDE DOUBLE NUT WITH STANDARD WASHER BETWEEN THEM AT EMBEDDED END, AND ASTM A36 1/4x3x0'-3" STEEL PLATE WASHER AT TOP OF ANCHOR ROD; FIELD WELD TOP WASHER TO COLUMN BASE PLATE ALL SIDES AFTER ERECTION IS COMPLETE. EMBEDMENT OF ANCHOR ROD(S) INTO CONCRETE SHALL BE MINIMUM 12" TO TOP OF EMBEDDED NUT/WASHER FOR 3/4" DIAMETER, AND 18" FOR 1" DIAMETER; UNLESS OTHERWISE NOTED. SET ANCHOR RODS WITH TEMPLATE TO ENSURE PROPER POSITIONING. DO NOT USE "J-BOLTS", EPOXY AND/OR CHEMICAL ANCHORS, OR MECHANICAL ANCHORS AS A SUBSTITUTE UNO ON PLANS, NO EXCEPTION.

10. PROVIDE L4x4x¼ METAL DECK/SLAB SUPPORT ANGLE AS REQUIRED AT COLUMNS WHERE STRUCTURAL MEMBERS DO NOT FRAME IN AT ALL FOUR SIDES.

11. ALL WELDING SHALL BE PERFORMED BY CERTIFIED WELDERS. ALL CERTIFICATIONS MUST BE CURRENT (I.E. WITHIN 12 MONTHS OF PERFORMANCE OF WELDING). SUBMIT WELDER'S CERTIFICATION TO SRG FOR REVIEW AND APPROVAL PRIOR TO PERFORMING WORK.

12. SHORT SLOTTED HORIZONTAL HOLES IN WEB OF BEAM FOR BOLTED CONNECTIONS ARE PERMISSIBLE.

13. PROVIDE A MINIMUM OF ¼" FILLET WELD (ALL AROUND) AT WELDED CONNECTIONS, UNLESS NOTED OTHERWISE. DO NOT WELD TOP AND BOTTOM OF EDGES OF SHEAR TAB PLATES PER AISC.

14. THE CONTRACTOR SHALL PROVIDE AND INSTALL ALL NECESSARY MATERIAL IN ORDER TO PROPERLY CONNECT/ATTACH ELEVATOR SUPPORT BEAM AND RAIL SUPPORTS. THE SIZE AND LOCATION OF ALL BEAMS, AND ASSOCIATED CONNECTIONS, AND ANY REQUIRED INSERTS, SHALL BE DETERMINED AND PROVIDED BY THE ELEVATOR MANUFACTURER.

15. FOUNDATIONS SHALL BE CENTERED ON GRID INTERSECTIONS, U.N.O. PROVIDE 1/4" THICK MINIMUM CAP PLATE WELDED AT TOP OF OF HSS COLUMNS, UNO

16. BRACED FRAMED CONNECTIONS TO BE DESIGNED IN ACCORDANCE WITH THE 2016 EDITION (WITH LATEST SUPPLEMENTS) OF THE AISC "STEEL CONSTRUCTION MANUAL".

17. SHEAR END PLATE (SHEAR TAB) CONNECTIONS TO BE MINIMUM 3/8" THICK PLATE

18. FABRICATOR QUALIFICATIONS: FABRICATOR MUST BE A MEMBER OF THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC), BE CERTIFIED FOR SBD - CONVENTIONAL STEEL BUILDING STRUCTURES, STD - STANDARD FOR STEEL BUILDING STRUCTURES. PROVIDE CERTIFICATION OF AT LEAST ONE OF THE ABOVE.

19. FABRICATOR TO SUBMIT DETAILED CALCULATIONS FOR ALL BEAM AND BRACING CONNECTIONS USING ALLOWABLE STRESS (ASD) DESIGN. BRACE FORCES ARE INDICATED ON THE CONTRACT DRAWINGS. DESIGN ALL BEAM CONNECTIONS FOR ONE-HALF THE MAXIMUM ALLOWABLE UNIFORM LOAD PER AISC, UNLESS OTHERWISE NOTED ON PLANS. ALL CALCULATIONS TO BE PREPARED AND SEALED BY A REGISTERED STATE OF MAINE PROFESSIONAL ENGINEER. SHOP DRAWINGS SUBMITTED WITHOUT SEALED CALCULATIONS WILL NOT BE REVIEWED AND WILL BE RETURNED FOR RESUBMITTAL, NO EXCEPTIONS.

## STEEL DECKING:

1. STEEL DECK WORK SHALL CONFORM TO "SPECIFICATION FOR DESIGN OF LIGHT GAUGE COLD-FORMED STEEL STRUCTURAL MEMBERS (AISI)"; "STEEL DECK INSTITUTE DESIGN MANUAL FOR COMPOSITE DECKS, FORM DECKS, AND ROOF DECKS"; "STRUCTURAL STEEL WELDING CODE-STEEL (AWS D1.1)"; AND "STRUCTURAL WELDING CODE-SHEET STEEL (AWS D1.3)".

2. UNLESS NOTED OTHERWISE, STEEL ROOF DECK UNITS TO BE FORMED FROM STEEL SHEETS CONFORMING TO ASTM A653, GRADE 40 MINIMUM; WITH G-90 COATING. PROVIDE MINIMUM 2 INCH END LAP OVER STRUCTURAL STEEL SUPPORTS, AND MINIMUM 4 INCH END LAP OVER STEEL JOISTS. PROVIDE MINIMUM 1-1/2" END BEARING.

3. STEEL FLOOR DECK UNITS (UNLESS NOTED OTHERWISE) TO BE FORMED FROM STEEL SHEETS CONFORMING TO ASTM A653, GRADE 80; WITH G-60 COATING. PROVIDE MINIMUM 2 INCH END LAP OVER SUPPORTS; AND NEST SIDE LAPS ONE-HALF CORRUGATION.

4. STEEL ROOF DECK AT SLOPED ROOF: UNITS SHALL BE 1 1/2" DEEP x 18 GAGE B-DECK AS MANUFACTURED BY VULCRAFT, USD, OR APPROVED EQUAL. FASTEN ROOF DECK TO EACH SUPPORT WITH 5/8" DIAMETER PUDDLE WELDS (USING WELDING WASHERS AS REQUIRED) IN A 36/4 PATTERN WITH TWO (3) #10 TEK SCREW SIDE LAP FASTENERS EACH SIDE LAP. WELD TO PERIMETER STEEL WITH 5/8" DIAMETER PUDDLE WELDS AT 6" O.C. - SEE DETAILS

5. STEEL ROOF DECK AT FLAT ROOFS: UNITS SHALL BE 1 1/2" DEEP x 20 GAGE B-DECK AS MANUFACTURED BY VULCRAFT, USD, OR APPROVED EQUAL. FASTEN ROOF DECK TO EACH SUPPORT WITH 5/8" DIAMETER PUDDLE WELDS (USING WELDING WASHERS AS REQUIRED) IN A 36/7 PATTERN WITH TWO (5) #10 TEK SCREW SIDE LAP FASTENERS EACH SIDE LAP. WELD TO PERIMETER STEEL WITH 5/8" DIAMETER PUDDLE WELDS AT 6" O.C. - SEE DETAILS

6. STEEL ROOF DECK AT LOW ENTRY ROOF: UNITS SHALL BE 1 1/2" DEEP x 20 GAGE B-DECK AS MANUFACTURED BY VULCRAFT, USD, OR APPROVED EQUAL. FASTEN ROOF DECK TO EACH SUPPORT WITH 5/8" DIAMETER PUDDLE WELDS (USING WELDING WASHERS AS REQUIRED) IN A 36/4 PATTERN WITH TWO (2) #10 TEK SCREW SIDE LAP FASTENERS EACH SIDE LAP. WELD TO PERIMETER STEEL WITH 5/8" DIAMETER PUDDLE WELDS AT 6" O.C. - SEE DETAILS

7. STEEL FLOOR DECK (UNLESS OTHERWISE NOTED) UNITS SHALL BE 1" DEEP x 22 GAGE UF1X METAL FORM DECK AS MANUFACTURED BY USD, VULCRAFT, OR APPROVED EQUAL. FASTEN FLOOR DECK TO EACH SUPPORT WITH 5/8" DIAMETER PUDDLE WELDS (WELDING WASHERS FOR METAL DECK ARE REQUIRED FOR DECK THINNER THAN 22 GA) IN A 36/4 PATTERN WITH ONE (2) #10 TEK SCREW AT EACH SIDELAP. WELD TO PERIMETER STEEL WITH 5/8" DIAMETER PUDDLE WELDS AT 6" O.C.

8. STEEL DECK UNITS SHALL SPAN THREE OR MORE SUPPORTS.

9. PROVIDE END CLOSURES, CAPS, SUMP PANS AND ALL OTHER ACCESSORIES REQUIRED FOR A COMPLETE INSTALLATION.

10. MECHANICAL, ELECTRICAL, PLUMBING OR CEILING CONSTRUCTION SHALL NOT BE HUNG DIRECTLY FROM THE DECK.

## MISC. METALS SECTION (STAIRS AND RAILINGS):

1. ALL STEEL INDICATED ON THESE DRAWINGS NOT SPECIFICALLY SIZED BY LENGTH, WIDTH, THICKNESS, OR WEIGHT SHALL BE PROVIDED UNDER THE WORK OF **SPECIFICATION SECTION 05500 (METAL FABRICATIONS) UNLESS SPECIFICALLY CALLED OUT TO BE BY MISCELLANEOUS METALS.**

2. ALL STAIRS, STAIR LANDINGS, RAILINGS AND OTHER STAIR COMPONENTS SHALL BE DESIGNED AND DETAILED UNDER THE SUPERVISION OF A STRUCTURAL ENGINEER LICENSED IN MAINE.

3. STRUCTURAL CALCULATIONS SHALL BE SIGNED, SEALED, AND SUBMITTED TO THE ARCHITECT FOR REVIEW. SHOP DRAWINGS SHALL CLEARLY INDICATE, BUT NOT BE LIMITED TO, THE FOLLOWING:

   A. LOADS IMPOSED ON THE STRUCTURE FROM THE STAIR
   B. ALL CONNECTIONS FROM THE STAIR TO THE STRUCTURE
   C. ALL SIZES AND SHAPES
   D. ALL DIMENSIONS AND CONFIGURATIONS
   E. CONTRACTOR MAY RETAIN SRG ENGINEERING FOR STRUCTURAL DESIGN IF APPROVED BY THE PROJECT OWNER.

4. ALL CONCRETE INFILL( WHERE INDICATED ON THE ARCHITECTURAL DRAWINGS) AND LANDINGS SHALL BE CAST WITH NORMAL WEIGHT CONCRETE WITH A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI.

## CHEMICAL ANCHORS:

1. THE SYSTEM TO BE UTILIZED FOR ALL EPOXY ANCHORS INTO CONCRETE OR CMU SHALL BE THE HILTI HY-150 MAX INJECTION ADHESIVE SYSTEM (OR APPROVED EQUAL) UNLESS NOTED OTHERWISE.

2. UNLESS OTHERWISE NOTED, ANCHORS TO BE USED SHALL BE THREADED RODS THAT CONFROM TO HAS-E STANDARD ISO 898 CLASS 5.8.

3. SEE STRUCTURAL STEEL NOTES FOR ADDITIONAL INFORMATION.

## SHOP DRAWINGS:

1. SHOP DRAWINGS ARE DRAWINGS, DIAGRAMS, SCHEDULES, MATERIAL LISTS AND OTHER DATA SPECIFICALLY PREPARED FOR THE WORK FOR THE GENERAL CONTRACTOR OR ANY SUBCONTRACTOR, MANUFACTURER, SUPPLIER OR DISTRIBUTOR TO ILLUSTRATE SOME PORTION OF WORK.
   CONTRACT DRAWINGS ARE NOT TO BE REPRODUCED FOR USE AS SHOP DRAWINGS.

2. WHEN APPLICABLE, SHOP DRAWINGS SHALL INCLUDE, BUT NOT BE LIMITED TO: ERECTION PLANS, NOTES AND BRACING DETAILS, ACCESSORIES, CONNECTION DETAILS, JOIST, BEAMS, COLUMN DETAILS, BENDING DETAILS FOR REINFORCING RODS, AND ANY OTHER ITEMS WHICH ARE TYPICAL OF INDUSTRY STANDARD FOR SHOP DRAWING SUBMITTALS AND THE CONTRACT DOCUMENTS.

3. NO PORTION OF THE WORK REQUIRING SUBMISSION OF A SHOP DRAWING SHALL BE STARTED UNTIL THE SUBMITTAL HAS BEEN SATISFACTORILY REVIEWED BY SRG ENGINEERING, INC. (SRG) AND ALL OTHER PARTIES INVOLVED. ALL SUCH PORTIONS OF THE WORK SHALL BE IN ACCORDANCE WITH FINAL REVIEWED SUBMITTALS AND THE CONTRACT DOCUMENTS.

4. FOR ALL SHOP DRAWINGS, SUBMIT THREE COPIES OF THE SHOP DRAWINGS, UNLESS OTHERWISE NOTED IN THE CONTRACT DOCUMENTS. COPIES MUST BE CLEAR AND LEGIBLE. COPIES GREATER THAN THIS NUMBER WILL BE DISCARDED. UPON COMPLETION OF THE REVIEW, SRG WILL RETAIN ONE PRINT AND MARKUP THE TWO REMAINING COPIES (OR WILL SUBMIT MARKED-UP PDF'S) FOR DISTRIBUTION. UNLESS OTHERWISE NOTED IN THE CONTRACT SPECIFICATIONS, THE FOLLOWING SEQUENCE SHALL BE FOLLOWED: MANUFACTURER/CONTRACTOR/ ARCHITECT/ENGINEER/ARCHITECT/CONTRACTOR/MANUFACTURER.

5. THE CONTRACTOR SHALL REVIEW, APPROVE AND SUBMIT ALL SHOP DRAWINGS REQUIRED BY THE CONTRACT DOCUMENTS IN AN ORDER WHICH IS SEQUENTIAL WITH THE PROGRESS OF THE WORK AND CONSISTENT WITH THE LEAD TIMES RELATED TO THE PRODUCTS. THE SHOP DRAWING SUBMITTAL SCHEDULE SHALL INCLUDE ADEQUATE TIME FOR A COMPLETE AND PROFESSIONAL REVIEW BY ALL PARTIES INVOLVED. IT SHALL BE NOTED THAT THE REVIEW TIME WILL VARY DEPENDING ON THE SIZE AND CONTENT OF THE SUBMITTAL. BY APPROVING AND SUBMITTING SHOP DRAWINGS, THE CONTRACTOR REPRESENTS THAT HE OR SHE HAS VERIFIED ALL MATERIALS, FIELD MEASUREMENTS AND FIELD CONSTRUCTION CRITERIA RELATED THERETO, OR WILL DO SO. IN ADDITION, THIS REPRESENTS THAT HE OR SHE HAS CHECKED AND COORDINATED THE INFORMATION CONTAINED WITHIN SUCH SUBMITTALS WITH THE REQUIREMENTS OF THE WORK AND OF THE CONTRACT DRAWINGS, SRG RESERVES THE RIGHT TO RETURN ANY SHOP DRAWINGS WHICH ARE JUDGED TO BE "RUBBER STAMP APPROVED" BY THE CONTRACTOR WITHOUT PROPER REVIEW AND EVALUATION.

6. ALL SHOP DRAWINGS THAT ARE RECEIVED WITHOUT FIRST BEING REVIEWED AND STAMPED BY THE CONTRACTOR WILL BE RETURNED UNREVIEWED.

7. THE CONTRACTOR SHALL NOT BE RELIEVED OF RESPONSIBILITY FOR ANY DEVIATION FROM THE REQUIREMENTS OF THE CONTRACT DOCUMENTS AS A RESULT OF SRG'S REVIEW OF THE SHOP DRAWINGS UNLESS THE CONTRACTOR HAS SPECIFICALLY INFORMED SRG, IN WRITING, OF DEVIATION AT THE TIME OF SUBMISSION AND SRG HAS GIVEN WRITTEN ACCEPTANCE TO THE SPECIFIC DEVIATION. THE CONTRACTOR SHALL NOT BE RELIEVED FROM RESPONSIBILITY FOR ERRORS OR OMISSIONS IN THE SHOP DRAWINGS BY SRG'S REVIEW THEREOF.

8. THE CONTRACTOR SHALL DRAW ATTENTION TO ALL DEVIATIONS FROM THE CONTRACT DRAWINGS AND INCLUDE REASONS FOR SUCH DEVIATIONS WITH THE SUBMITTED SHOP DRAWINGS. IN ADDITION, THE CONTRACTOR SHALL DIRECT SPECIFIC ATTENTION, IN WRITING OR ON RESUBMITTED SHOP DRAWINGS, TO REVISIONS OTHER THAN THOSE REQUESTED BY SRG ON PREVIOUS SUBMITTALS.

9. SHOP DRAWINGS WILL NOT BE REVIEWED AS PARTIAL SUBMITTALS. A COMPLETE SUBMITTAL SHALL BE PROVIDED AND SHALL INCLUDE: ERECTION AND PIECE DRAWINGS INDICATING ALL MEMBERS, BRACE FRAMES, AND CONNECTIONS. INCOMPLETE SUBMITTALS WILL BE RETURNED AND NOT REVIEWED.

10. REVIEW OF SHOP DRAWINGS WILL BE MADE FOR SIZE AND ARRANGEMENT OF THE MEMBERS AND STRENGTH OF THE CONNECTIONS. CONFORMANCE OF THE SHOP DRAWINGS TO THE CONTRACT DRAWINGS REMAINS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR. ENGINEER'S REVIEW IN NO WAY RELIEVES THE GENERAL CONTRACTOR OF THIS RESPONSIBILITY.

11. ENGINEER WILL HAVE 10 BUSINESS DAYS TO REVIEW ONCE RECIEVED. ENGINEER WILL REVIEW SUBMITTALS A MAXIMUM OF (2) REVIEW CYCLES AS PART OF THEIR NORMAL SERVICES. IF SUBMITTALS ARE INCOMPLETE OR OTHERWISE UNACCEPTABLE AND RESUBMITTED, GENERAL CONTRACTOR SHALL COMPENSATE ENGINEER FOR ADDITIONAL REVIEW CYCLES.

12. REFER TO SAMPLE SHOP DRAWING ACTION LEGEND BELOW FOR FURTHER CLARIFICATION:

### ACTION LEGEND

"NO EXCEPTIONS TAKEN"
MATERIAL, SIZES, GENERAL ARRANGEMENT AND DETAILS SHOWN ON THIS DRAWING APPEAR TO BE IN SUBSTANTIAL COMPLIANCE WITH THE INTENT OF THE CONTRACT DRAWINGS.

"NOTE MARKINGS; CONFIRM"
CORRECTIONS NOTED WILL BRING THIS SUBMITTAL INTO SUBSTANTIAL COMPLIANCE WITH THE MATERIALS, SIZES, GENERAL ARRANGEMENTS AND DETAILS NOTED IN THE CONTRACT DOCUMENTS. PROVIDED THAT NO OTHER MODIFICATIONS ARE NECESSARY, RESUBMITTAL IS NOT REQUIRED. REVIEW IS COMPLETE AND ALL CORRECTIONS ARE DEEMED OBVIOUS WITH NO AMBIGUITY.

"NOTE MARKINGS; RESUBMIT"
CORRECTIONS NOTED WILL BRING THIS SUBMITTAL INTO SUBSTANTIAL COMPLIANCE WITH THE MATERIALS, SIZES, GENERAL ARRANGEMENTS AND DETAILS NOTED IN THE CONTRACT DOCUMENTS, PORTIONS OF THE DRAWING MUST BE REVISED AND RESUBMITTED FOR REVIEW PRIOR TO FABRICATION.

"REJECTED; RESUBMIT"
FABRICATION SHALL NOT TAKE PLACE PRIOR TO THIS DRAWING BEING REVISED, RESUBMITTED AND REVIEWED BY SRG AND ALL OTHER PARTIES INVOLVED. DETAILS OR ITEMS NOTED BY THE REVIEWER REQUIRE FURTHER CLARIFICATION.

RESUBMITTED SHOP DRAWINGS THAT WERE PREVIOUSLY ACCEPTED WILL BE NOT REVIEWED UNLESS REVISIONS ARE CLOUDED. ONLY CLOUDED ITEMS WILL BE RE-VIEWED.

CONTRACTOR SHALL SUBMIT A SCHEDULE OF SHOP DRAWING SUBMITTAL DATES AT LEAST 30 DAYS PRIOR TO FIRST SUBMITTAL. FAILURE TO SUBMIT DRAWINGS ON DESIGNATED DATE MAY IMPACT REVIEW SCHEDULE.

## STRUCTURAL TESTS AND SPECIAL INSPECTIONS:

1. THE OWNER IS SUPPOSED TO RETAIN THE STRUCTURAL ENGINEER OF RECORD (SRG ENGINEERING, INC.) TO PROVIDE "SPECIAL INSPECTIONS AND TEST" (SI) AS REQUIRED IN CHAPTER 17 OF THE 2021 VERSION OF THE IBC CODE.

2. SRG ENGINEERING, INC.(SRG) WILL BE THE ACTING "SPECIAL INSPECTOR" AND THE "SPECIAL INSPECTION COORDINATOR" FOR THIS PROJECT. SRG WILL SUB-CONTRACT AS REQUIRED WITH A QUALIFIED TESTING AND INSPECTION FIRM THAT HAS A PROVEN AND SUCCESSFUL RECORD OF PROVIDING THE SERVICES NEEDED FOR CONFORMANCE WITH CHAPTER 17 OF THE 2021 IBC CODE.

3. CONTRACTOR MUST NOTIFY BOTH THE TESTING/INSPECTION FIRM AND SRG ENGINEERING, INC. A MINIMUM OF 2 BUSINESS DAYS PRIOR TO PERFORMING TESTING AND INSPECTION SERVICES. FAILURE TO NOTIFY APPROPRIATELY MAY CAUSE A DELAY IN WORK.

4. ANY WORK PERFORMED BY THE CONTRACTOR THAT HAS NOT HAD "STRUCTURAL TESTS AND SPECIAL INSPECTION" SERVICES PERFORMED PER IBC REQUIREMENTS WILL NEED TO BE REMOVED AND REPLACED AT THE CONTRACTOR'S EXPENSE, NO EXCEPTIONS.

5. "STRUCTURAL INSPECTIONS AND TESTS" NEED TO BE CONDUCTED FOR THE FOLLOWING, BUT NOT LIMITED TO:
   - SUB GRADE
   - DRAINAGE
   - STRUCTURAL FILL
   - VAPOR BARRIER
   - REINFORCING/ANCHOR RODS/EMBED ITEMS
   - CONCRETE
   - STRUCTURAL STEEL
   - STRUCTURAL STEEL BOLTED AND WELDED CONNECTIONS
   - METAL DECKING AND RELATED FASTENING
   - MASONRY
   - MASONRY STRUCTURAL GROUT
   - MASONRY MORTAR
   - METAL PAN SYSTEMS
   - METAL STAIR SYSTEMS
   - METAL GUARD RAIL AND HAND RAIL SYSTEMS
   - FLOOR AND ROOF DIAPHRAGMS
   - EMBEDDED ITEMS
   - STRUCTURAL STEEL FABRICATOR QUALITY ASSURANCE PLAN IF THEY ARE NOT AN AISC CERTIFIED SHOP.

6. FAILURE OF QUALITY ASSURANCE TESTING AND INSPECTIONS TO DETECT DEFECTIVE WORK OR MATERIAL SHALL NOT IN ANY WAY PREVENT LATER REJECTION WHEN SUCH DEFECT IS NOTED, NOR SHALL IT OBLIGATE THE OWNER'S REPRESENTATIVE FOR FINAL ACCEPTANCE.

7. THE TESTING AGENCY AND ITS REPRESENTATIVES ARE NOT AUTHORIZED TO REVOKE, ALTER, RELAX, ENLARGE OR RELEASE ANY PORTION OF THE WORK, PERFORM ANY DUTIES OF THE CONTRACTOR OR BE A PARTY TO SCHEDULING WORK.

8. RECORDS OF INSPECTIONS SHALL BE KEPT AVAILABLE TO THE BUILDING OFFICIAL DURING PROGRESS OF THE WORK AND FOR TWO YEARS AFTER COMPLETION OF THE PROJECT. RECORDS SHALL BE PRESERVED BY THE INDEPENDENT TESTING AGENCY.

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SRG
Engineering, Inc.
• Structural Engineers •
P.O. Box 925 - Gray, Maine 04039

STATE OF MAINE
STEVEN R. GRANT
No. 6825
LICENSED
PROFESSIONAL ENGINEER

# Hancock Judicial Center

45 Merrill Lane - Ellsworth, Maine

Date: 01 MAY 2026

Scale: 1/8"=1'-0"
0 2' 4' 8'

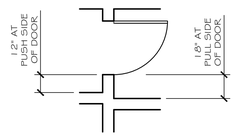
Sheet Title: Structural Notes

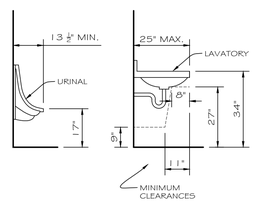
Sheet # F13

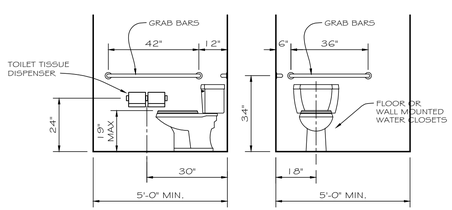
## DRAWING ABBREVIATIONS

| | | | | | |
|---|---|---|---|---|---|
| @ | AT | GA. | GUAGE | R | RISER |
| AC | AIR CONDITION | GALV. | GALVANIZED | RD. | ROUND |
| ADJ. | ADJUSTABLE | G.B. | GRAB BAR | RECT. | RECTANGULAR |
| AFF | ABOVE FINISH FLOOR | GEN. | GENERAL | REF. | REFER |
| | | HDF | HIGH DENSITY FLAKE BOARD | REIN. | REINFORCE |
| ALUM | ALUMINUM | | | RM. | ROOM |
| A.P. | ACCESS PANEL | HM | HOLLOW METAL | S. | SINK |
| BR. | BRICK | HORIZ. | HORIZONTAL | SHT. | SHEET |
| C.J. | CONTROL JOINT | HR. | HOUR | SQ. | SQUARE |
| CL. | CLOSET | HSS | HOLLOW STRUCTURAL STEEL | STL. | STEEL |
| CMU | CONCRETE MASONRY UNIT | | | T. | TOILET |
| | | H.B. | HOSE BIBB | T & B | TOP & BOTTOM |
| COL. | COLUMN | HT. | HEIGHT | T & G | TONGUE & GROOVE |
| CO. | COURSE | I.D. | INSIDE DIAMETER | T.O.S. | TOP OF STEEL |
| COS. | COURSES | INCL. | INCLUDED | T.O.W. | TOP OF WALL |
| CONC. | CONCRETE | INST. | INSTITUTIONAL | TR. | TREAD |
| CONT. | CONTINUOUS | INSUL. | INSULATION | TS | TRANSITION STRIP |
| CUH | CABINET UNIT HEATER | INT. | INTERIOR | TYP. | TYPICAL |
| | | ISO | ISOCYANURATE | UR. | URINAL |
| DBL. | DOUBLE | LAV. | LAVATORY | V.B. | VAPOR BARRIER |
| DEG. | DEGREE | LF | LINEAL FEET | VERT. | VERTICAL |
| DIA. | DIAMETER | LVL | LAMINATED VENEER LUMBER | V.P. | VENT PIPE |
| DIM. | DIMENSION | | | V.W. | VIEW WINDOW |
| DN | DOWN | MAX. | MAXIMUM | W/ | WITH |
| EA. | EACH | MIN. | MINIMUM / MINUTE | W/O | WITHOUT |
| ELEC. | ELECTRIC | M.B. | MOP BASIN | W.C. | WATER CLOSET |
| ELEV. | ELEVATION | MECH. | MECHANICAL | WD. | WOOD |
| EQ. | EQUAL | MH | MAGNETIC HOLDER | WWF | WELDED WIRE FABRIC |
| EQUIP. | EQUIPMENT | MTL. | METAL | | |
| ETC. | ETCETERA | M.O. | MASONRY OPENING | WWM | WELDED WIRE MESH |
| E.W. | EACH WAY | N.A. | NEUTRAL AXIS | | |
| EXT. | EXTERIOR | NIC | NOT IN CONTRACT | | |
| F.E. | FIRE EXTINQUISHER | O.C. | ON CENTER | | |
| | | O.D. | OUTSIDE DIAMETER | | |
| FIN. | FINISH | OPG. | OPENING | | |
| FL. | FLOOR | PERF. | PERFORATED | | |
| FND. | FOUNDATION | P.LAM. | PLASTIC LAMINATE | | |
| FR. | FIRE RATED | PSF | POUNDS PER SQUARE FOOT | | |
| FTG. | FOOTING | P.T. | PRESSURE TREATED | | |

## MINIMUM ADA DOOR CLEARANCES




## TYPICAL ACCESSIBLE PLUMBING FIXTURE DETAILS

## GENERAL DETAIL MATERIALS SYMBOLS

NOT ALL-INCLUSIVE

- LAMINATED STRAND LUMBER AND LAMINATED VENEER LUMBER (LVL)
- FRAMING & BLOCKING LUMBER PRESSURE TREATED AS NOTED
- METAL STUD
- BATT INSULATION
- CLOSED CELL RIGID FOAM INSULATION BOARD
- FR GYPSUM WALL BOARD (DRYWALL) OR FR DENS GLASS EXT. SHEATHING BOARD
- SOLID PVC PANELS AND TRIM BOARD
- ADVANTECH SHEATHING
- SUSPENDED ACOUSTICAL TILE CEILING
- CLOSED CELL UL SPRAY FOAM INSULATION
- COMPACTED BACKFILL & UNDERSLAB SUB-BASE
- CRUSHED STONE RADON PIPING LAYER
- CAST IN PLACE CONCRETE
- BRICK VENEER
- GRANITE BANDS & SILLS SHAPES

## WALL & PARTITION KEY

- 8" METAL STUDS @ 16" ACOUSTICAL BATT INSULATION 5/8" DRYWALL BOTH SIDES
- 6" METAL STUDS @ 16" ACOUSTICAL BATT INSULATION 5/8" DRYWALL BOTH SIDES
- 3 5/8" METAL STUDS @ 16" ACOUSTICAL BATT INSULATION 5/8" DRYWALL BOTH SIDES
- 10" — DOUBLE ACOUSTICAL PARTITIONS: 3 5/8" METAL STUDS @ 16" ACOUSTICAL BATT INSUL. BOTH WALLS 5/8" DRYWALL ON ROOM SIDES
- 12" CONCRETE BLOCK
- 6" CONCRETE BLOCK
- 8" CONCRETE BLOCK
- DOUBLE - 8" CONCRETE BLOCK
- 8" CONCRETE BLOCK 3 5/8" METAL STUDS @ 16" 5/8" DRYWALL - ONE SIDE
- CONCRETE FOUNDATION WALLS
- CONCRETE FOUNDATION WALL 3 5/8" METAL STUDS @ 16" 5/8" DRYWALL - ONE SIDE
- EXTERIOR WALL FRAMING w/ BRICK VENEER - SEE WALL SECTIONS & ELEVATIONS
- EXTERIOR WALL FRAMING w/ METAL PANEL SIDING - SEE WALL SECTIONS & ELEVATIONS

## NOTES

1. SEE WALL SECTIONS & DETAILS FOR EXTERIOR WALL CONSTRUCTION
2. SEE ALSO: DRAWING DETAILS & FINISH SCHEDULE FOR ADDITIONAL WALL TREATMENTS ( WALL COVERINGS, WOOD TRIM, WOOD PANELS, ETC.)
3. ALL PARTITIONS SHALL EXTEND TO THE FLOOR OR ROOF DECKING. PARTITION DRYWALL THAT IS ABOVE FINISHED CEILINGS REQUIRES FIRE-TAPING ONLY. FIRE SEAL ALL FIRE RATED ROOMS & PENETRATIONS OF THOSE ROOMS.
4. 1-HOUR FIRE RATED ROOMS INCLUDE: ALL STAIRWELLS, ALL ELEVATOR SHAFTS, SALLY PORT, SECURE GARAGE PARKING & SECOND FLOOR MECHANICAL ROOM.
5. ALL FLOOR PENETRATIONS SHALL BE 1-HOUR FIRE SEALED.
6. REFER ALSO TO LARGER SCALE PLAN AREAS FOR ADDITIONAL DIMENSIONS AND DETAILS.
7. BALLISTIC BARRIER BOARD IN SELECT PARTITIONS, OR PORTIONS OF PARTITIONS - SEE SPECIFIC DETAILS.

## GENERAL NOTES

1. PROVIDE SOLID WOOD BLOCKING IN PARTITIONS FOR ALL HANDRAILS, GRAB BARS, TOILET ACCESSORIES, FIRE EXTINGUISHER CABINETS, WOOD TRIM & FINISH DETAILS, ETC.
2. UNLESS NOTED OR DETAILED OTHERWISE, ALL CONCRETE BLOCK (CMU) WALLS AND PARTITIONS SHALL BE REINFORCED AS FOLLOWS:

   HORIZONTAL, TRUSS-TYPE, BED JOINT REINFORCING WIRE 16" o.c. (EVERY OTHER COURSE)

   VERTICAL CORES SHALL BE FILLED w/ CONCRETE & #5 VERTICAL BAR AT 6' o.c. - ALSO AT WALL ENDS AND CORNERS

   RE-BAR REINFORCED BOND BEAM COURSING AND HEADERS FOR ALL OPENINGS - SEE SECTIONS & DETAILS.
3. PROVIDE A TOTAL OF TWENTY-FOUR (24) 4' x 8' SHEETS OF 3/4" AC PLYWOOD BACKER-BOARD ON THE WALLS OF THE I.T. ROOM AND MECHANICAL ROOMS. COORDINATE EXACT LOCATIONS - PAINT GREY.
4. PROVIDE WALL ACCESS PANELS - TO BE LOCATED IN COORDINATION WITH THE MECHANICAL TO ACCESS DUCT FIRE DAMPERS AT THE FLOOR LEVELS - NOTED ON PLANS
5. CLOSE OFF AND SEAL ALL UTILITY CHASES AT EACH FLOOR LEVEL USING FIRE RATED DRYWALL & UL FIRE RATED SEALANTS.
6. FOR THE RECESSED WALL AREAS AROUND MONITORS - VERIFY EXACT LOCATIONS AND SIZES.
7. FOR WALLS AT ALL MONITOR LOCATIONS - PROVIDE 32" X 32" AREA OF SOLID WOOD BLOCKING FOR TV BRACKET MOUNTING.

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Mark G. Carter • Architect •
P.O. Box 338 - Lyman, Maine 04002 Maine Licensed Architect

LICENSED ARCHITECT
MARK G. CARTER
No. 1913
STATE OF MAINE

# Hancock Judicial Center

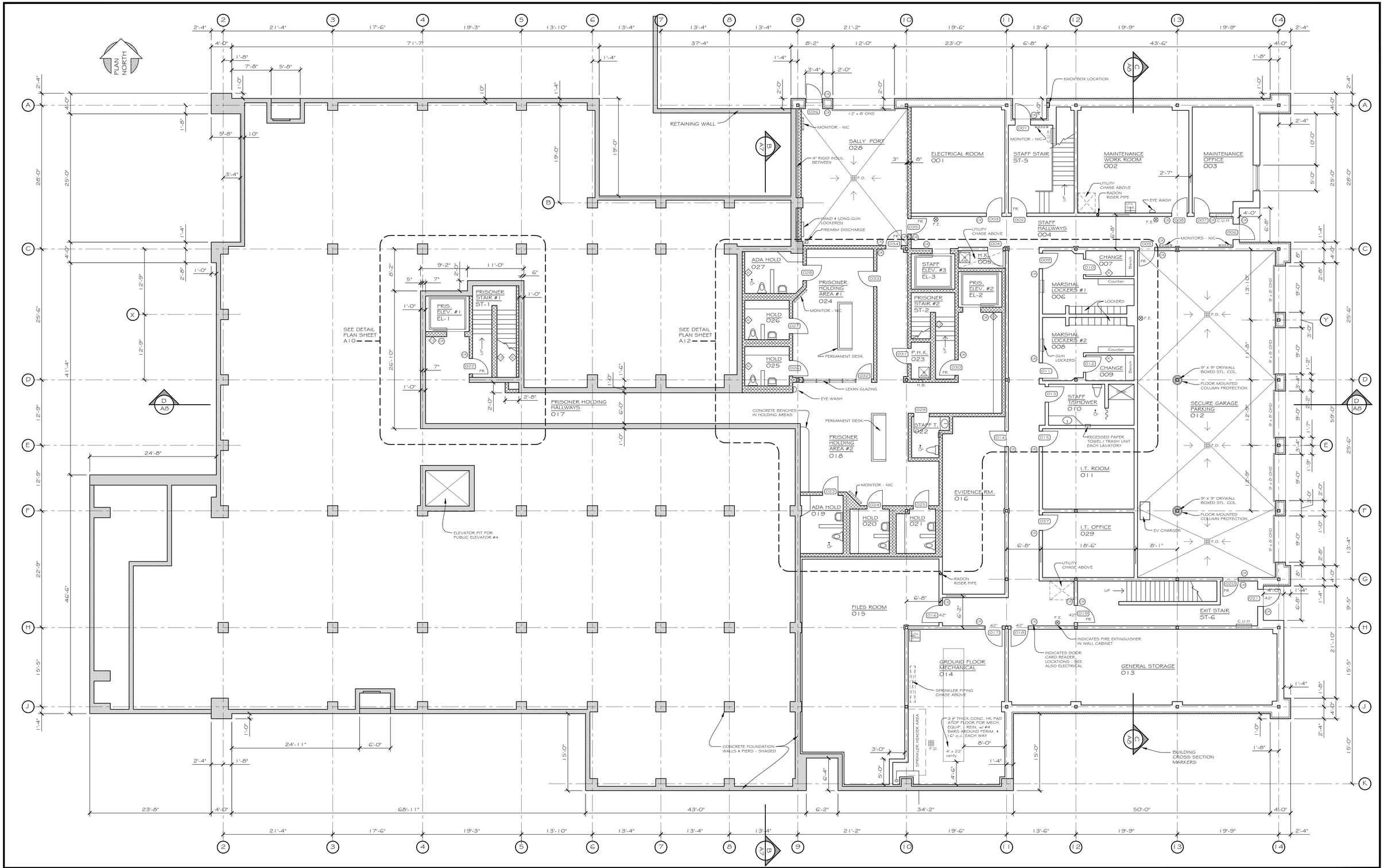
45 Merrill Lane - Ellsworth, Maine

Date: 01 MAY 2026

Scale:

Sheet Title: Legends & Schedules

Sheet # A1

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Mark G. Carter • Architect •
P.O. Box 338 - Lyman, Maine 04002 Maine Licensed Architect

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# Hancock Judicial Center

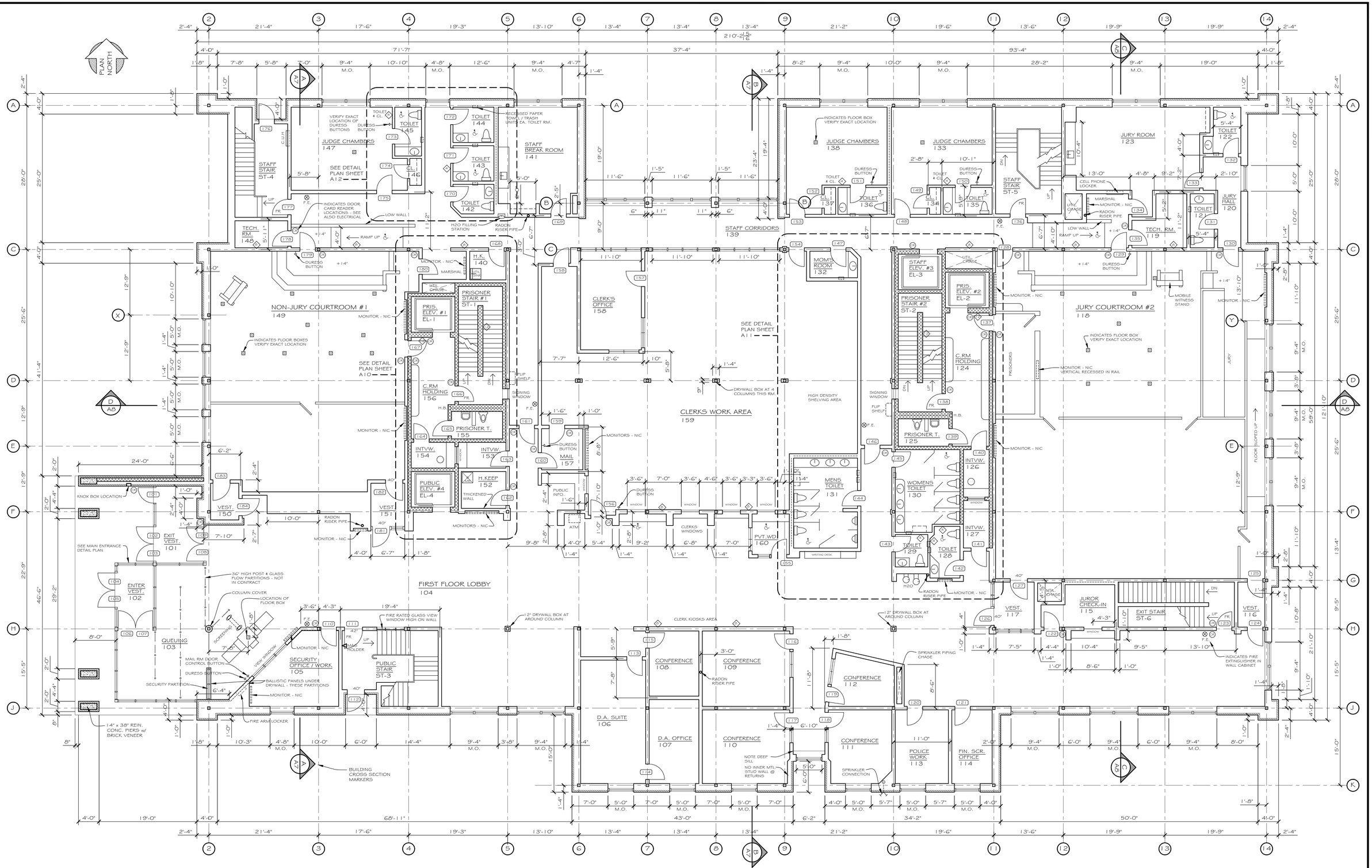
45 Merrill Lane - Ellsworth, Maine

Date: 01 MAY 2026

Scale: 1/8"=1'-0"

Sheet Title: Ground Floor Plan

Sheet # A2

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No. 1913
STATE OF MAINE

# Hancock Judicial Center

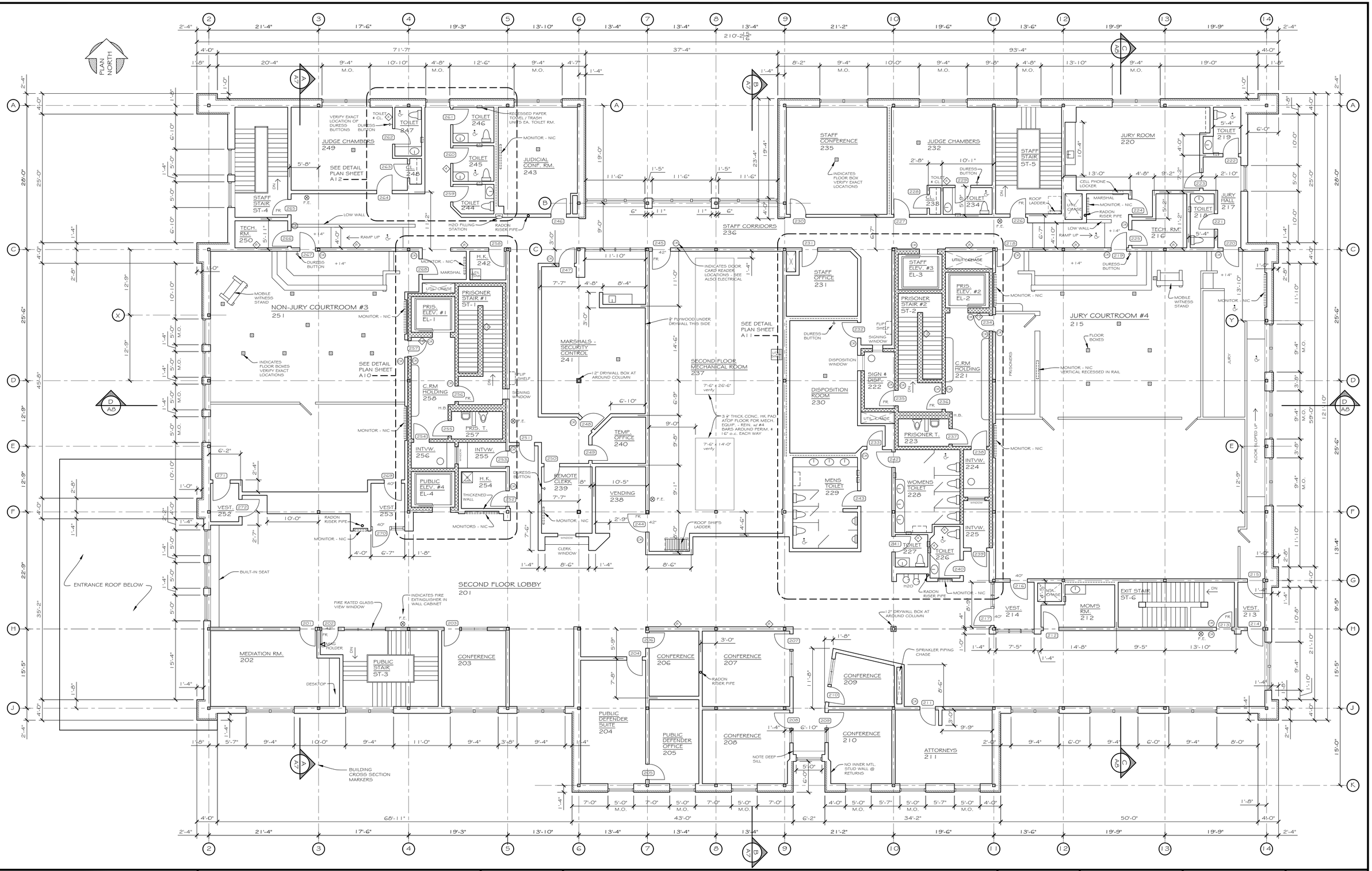
45 Merrill Lane - Ellsworth, Maine

Date: 01 MAY 2026

Scale: 1/8"=1'-0"

Sheet Title: First Floor Plan

Sheet # A3

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No. 1913
STATE OF MAINE

# Hancock Judicial Center

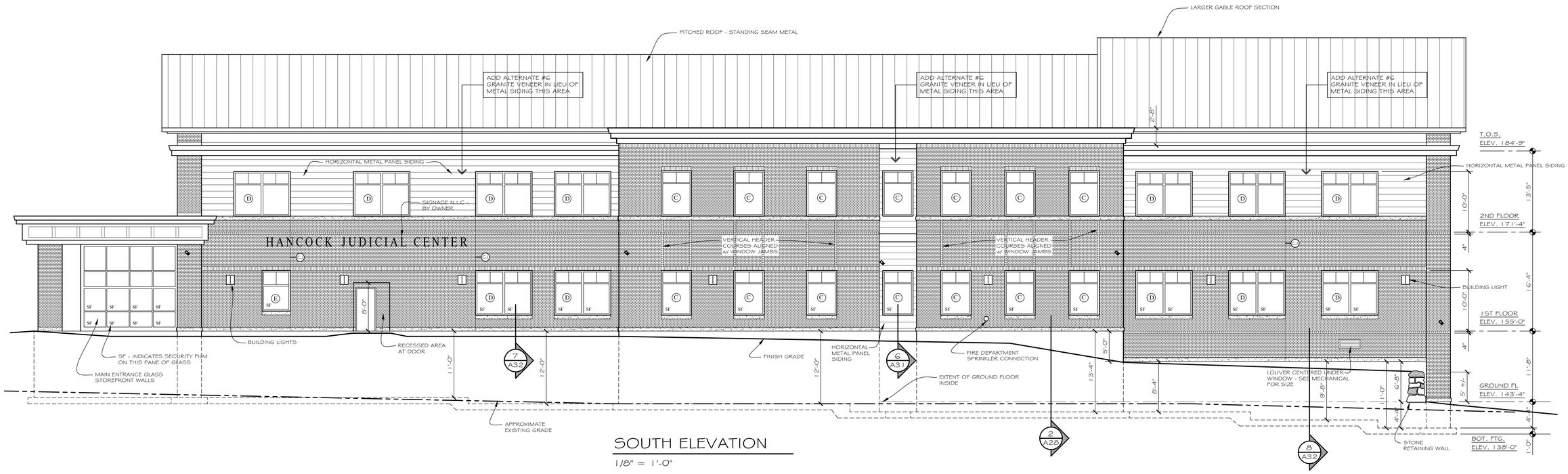
45 Merrill Lane - Ellsworth, Maine

Date: 01 MAY 2026

Scale: 1/8"=1'-0"

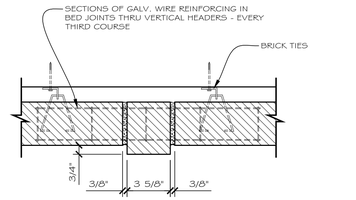
Sheet Title: Second Floor Plan

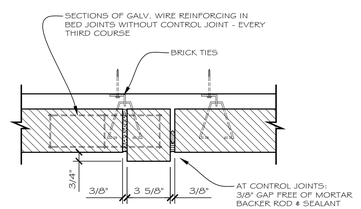
Sheet # A4




## SOUTH ELEVATION

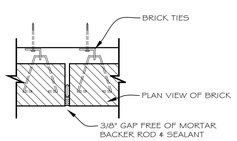
1/8" = 1'-0"



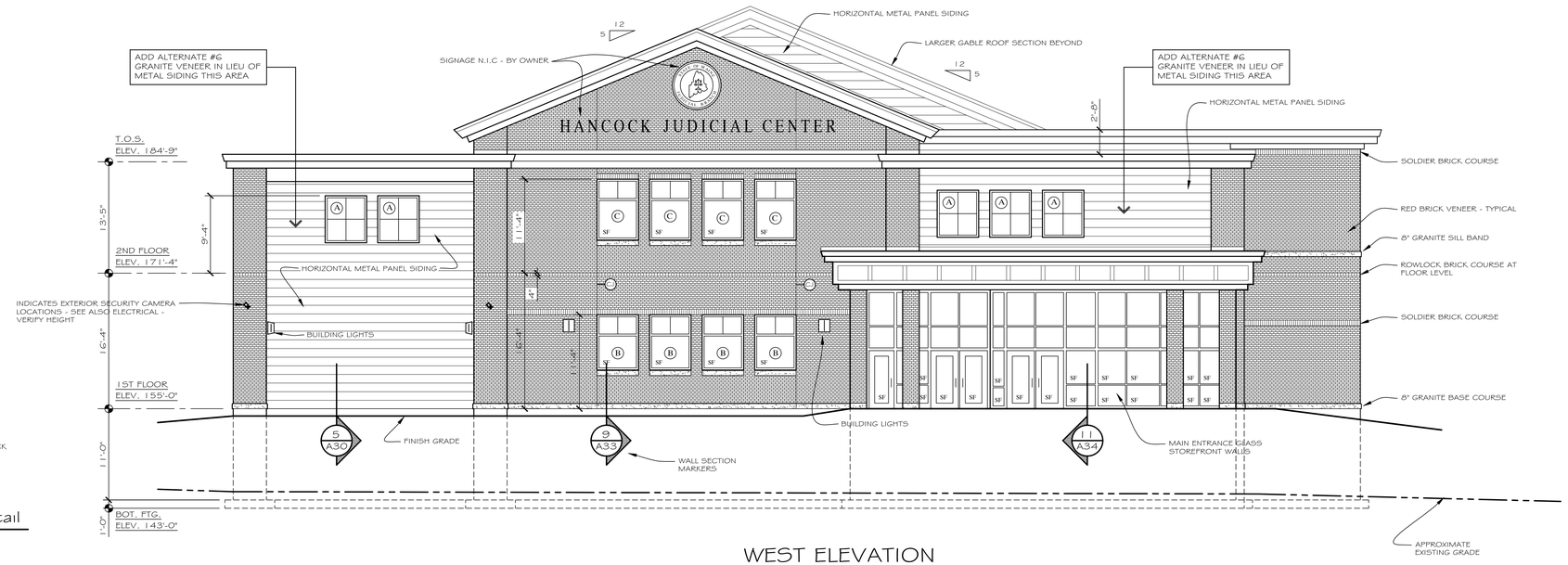

### Vertical Header Brick Details

PLAN VIEW OF BRICK




### Brick Control Joint Detail

INDICATED AS (CJ) ON ELEVATIONS




## WEST ELEVATION

1/8" = 1'-0"

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# Hancock Judicial Center

45 Merrill Lane - Ellsworth, Maine

Date: 01 MAY 2026

Scale: 1/8"=1'-0"

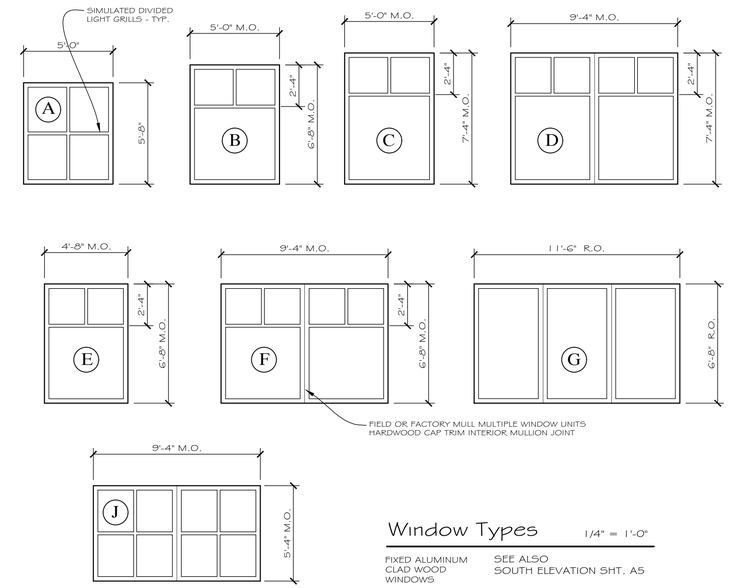
0 2' 4' 8'

Sheet Title: South & West Elevations

Sheet # A5

## NORTH ELEVATION

1/8" = 1'-0"

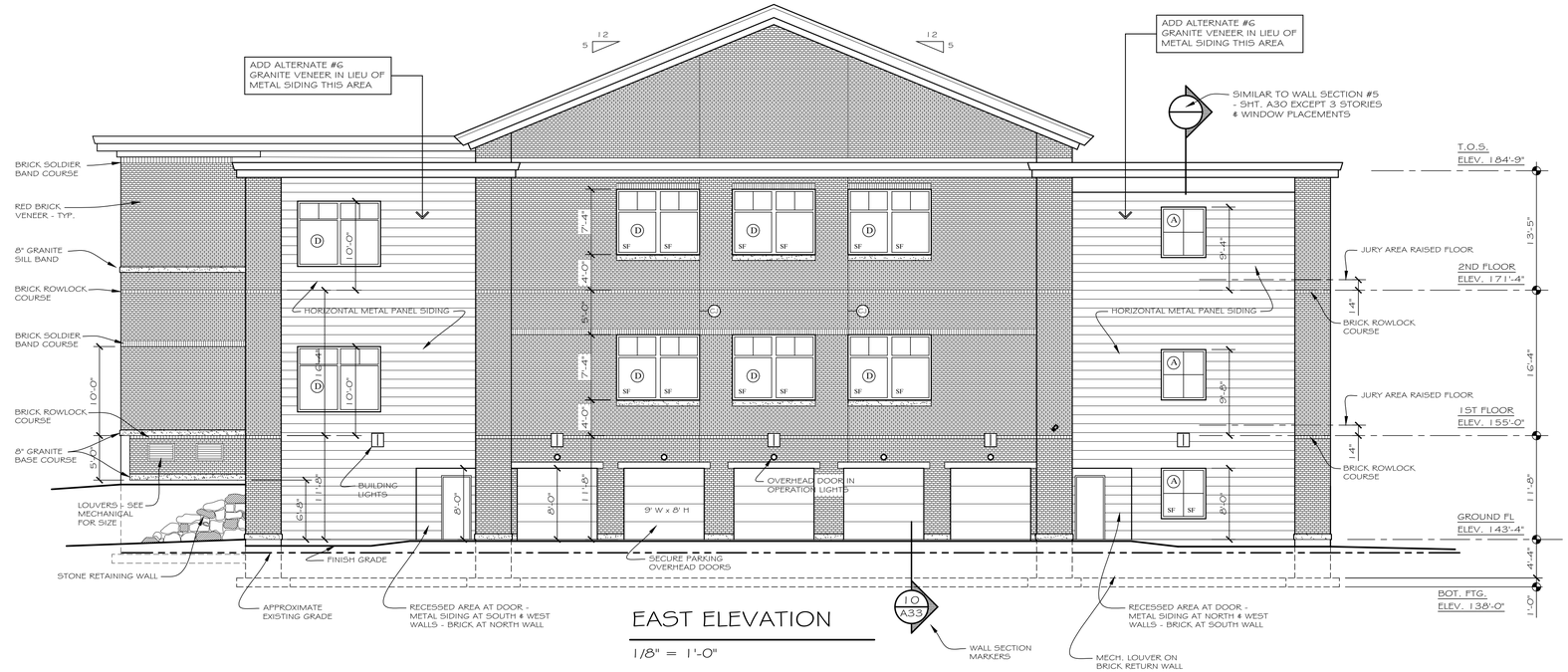



## Window Types

1/4" = 1'-0"

FIXED ALUMINUM CLAD WOOD WINDOWS

SEE ALSO SOUTH ELEVATION SHT. A5




## EAST ELEVATION

1/8" = 1'-0"

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# Hancock Judicial Center

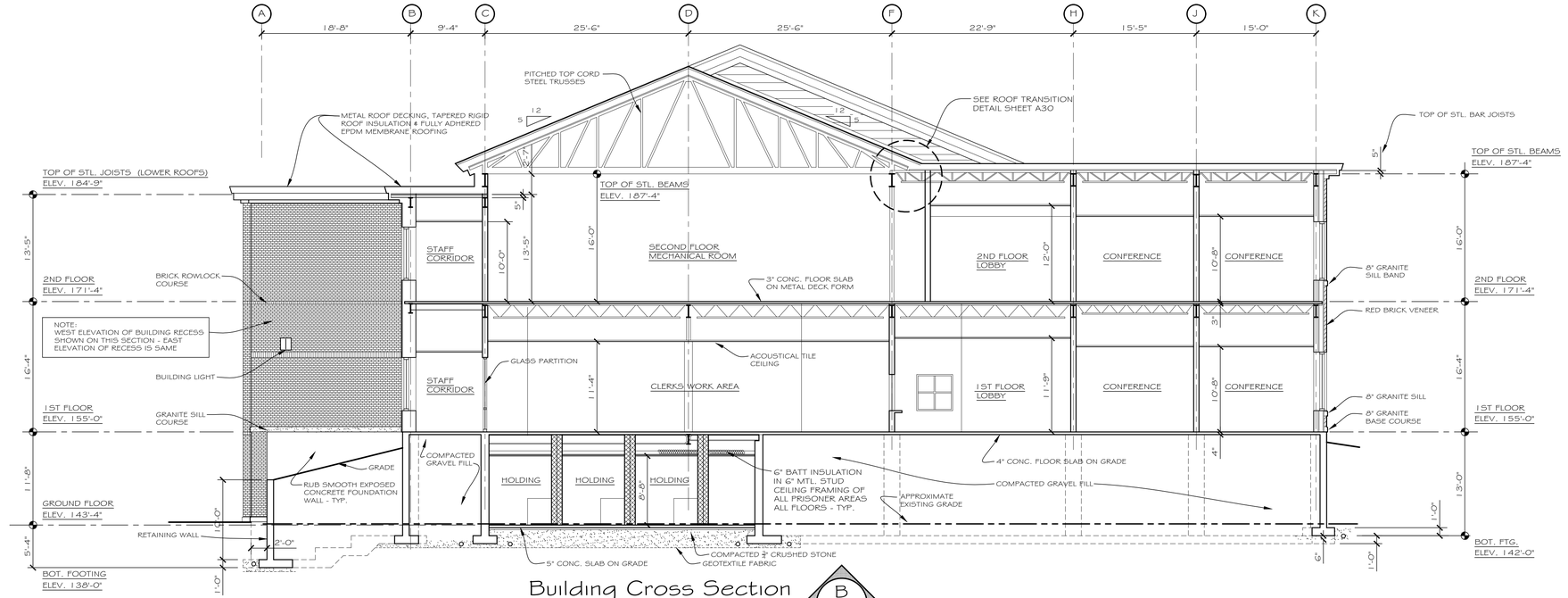
45 Merrill Lane - Ellsworth, Maine

Date: 01 MAY 2026

Scale: 1/8"=1'-0"

Sheet Title: North & East Elevations

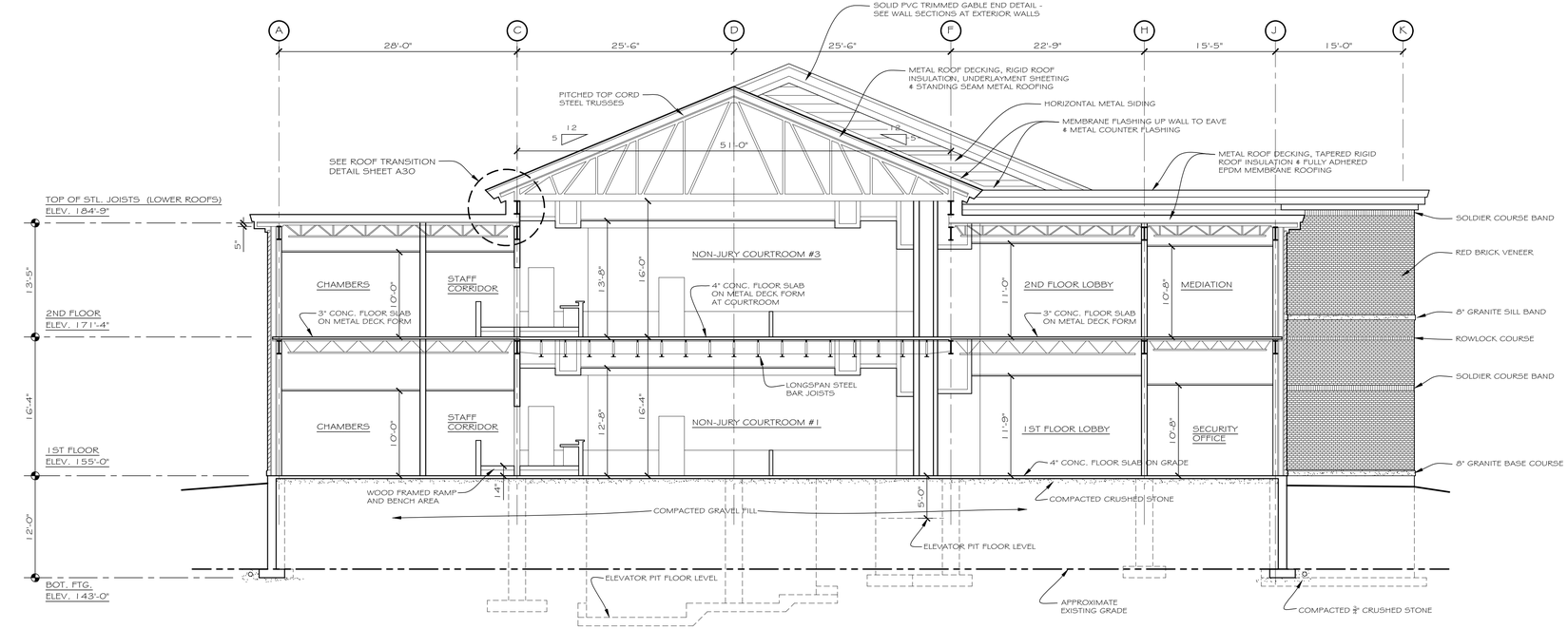
Sheet # A6




## Building Cross Section

1/8" = 1'-0"

B — A2 A3 A4




## Building Cross Section

1/8" = 1'-0"

A — A2 A3 A4

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# Hancock Judicial Center

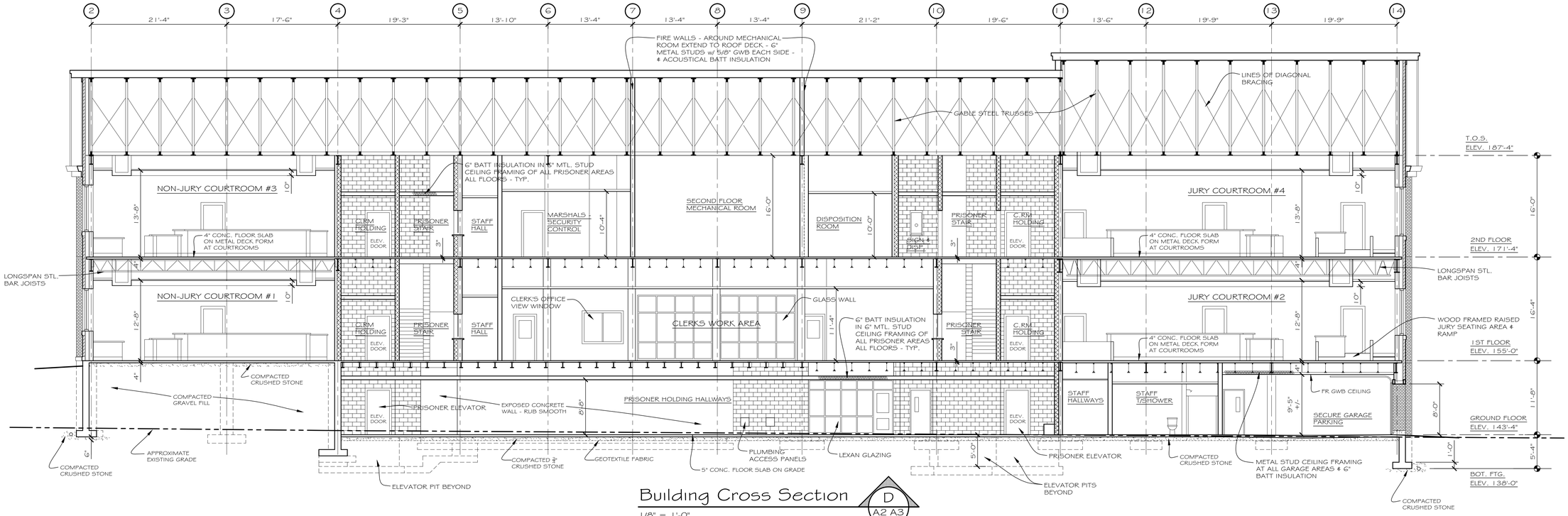
45 Merrill Lane - Ellsworth, Maine

Date: 01 MAY 2026

Scale: 1/8"=1'-0" (0, 2', 4', 8')

Sheet Title: Building Sections

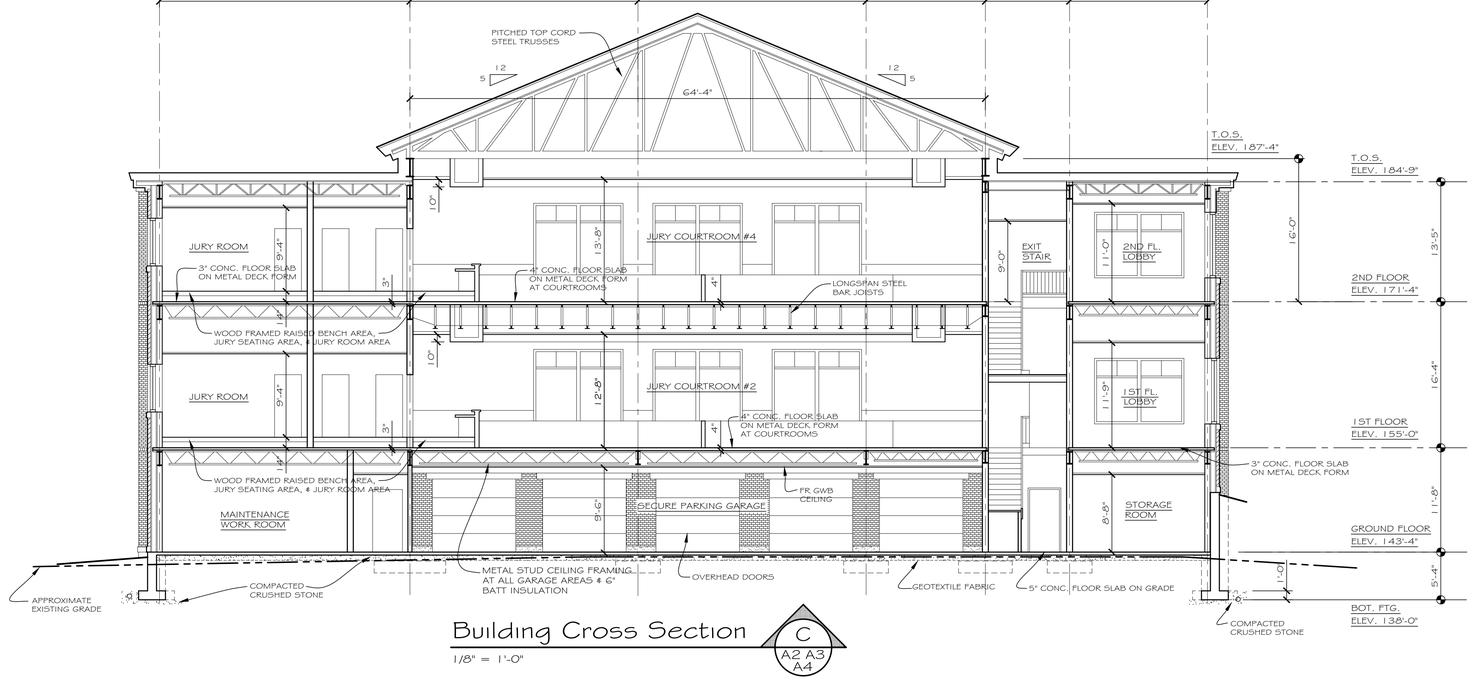
Sheet # A7




## Building Cross Section

1/8" = 1'-0"

D — A2 A3 A4




## Building Cross Section

1/8" = 1'-0"

C — A2 A3 A4

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# Hancock Judicial Center

45 Merrill Lane - Ellsworth, Maine

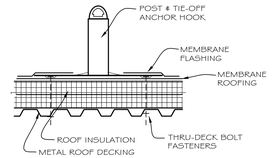
Date: 01 MAY 2026

Scale: 1/8"=1'-0"

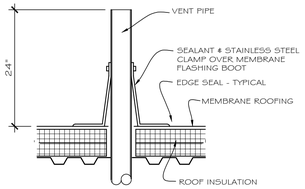
0 2' 4' 8'

Sheet Title: Building Sections

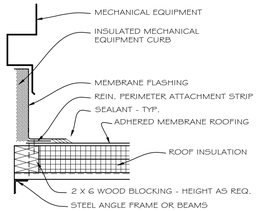
Sheet # A8



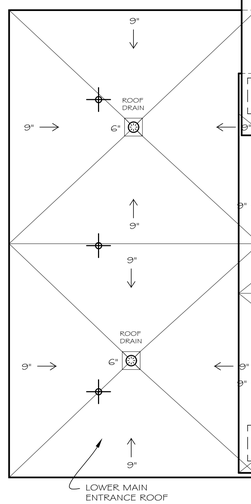

SAFETY ANCHOR DETAIL R4

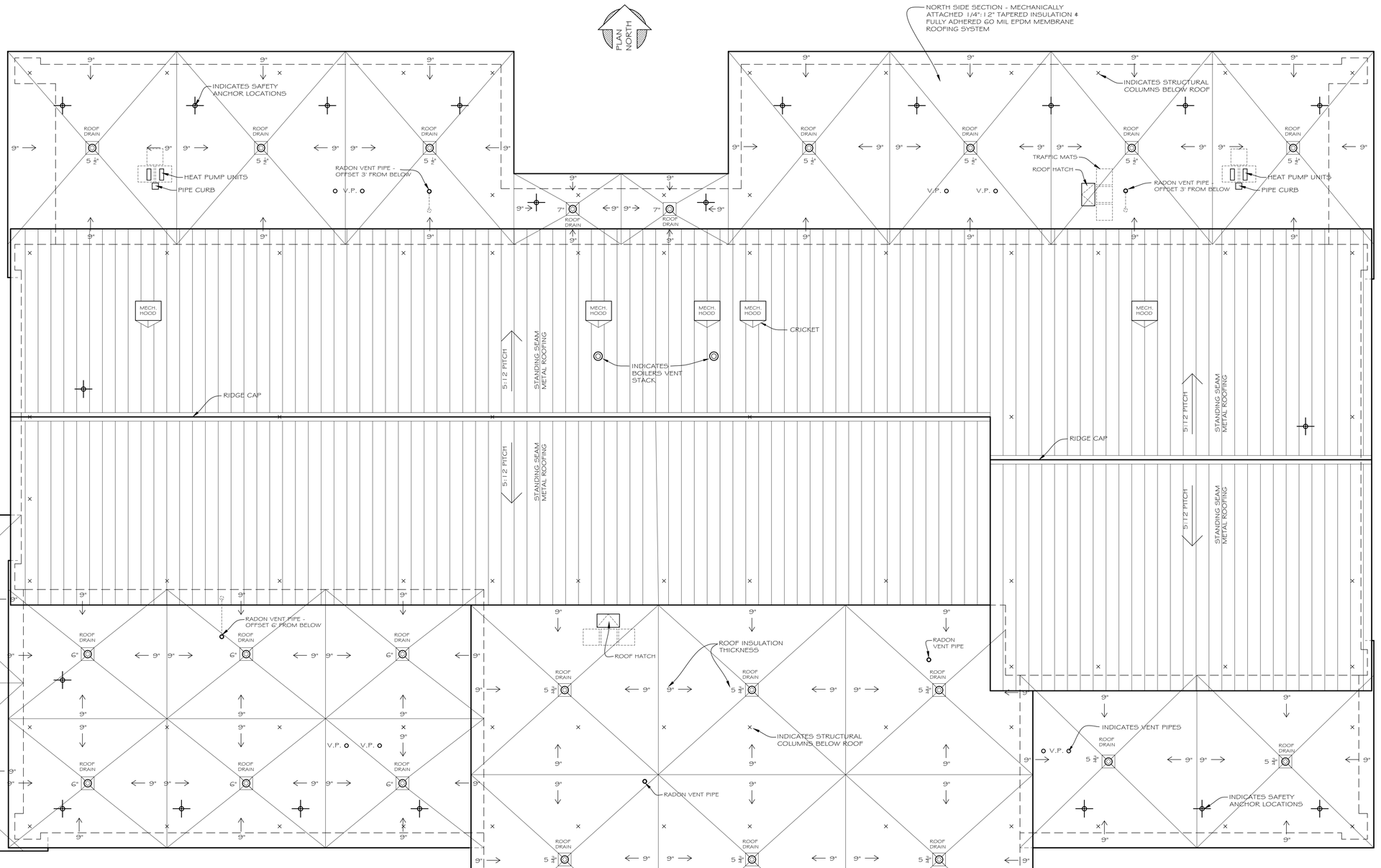


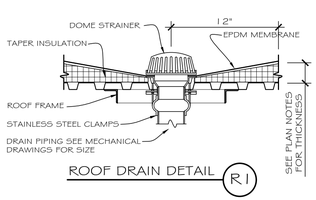

VENT PIPE DETAIL R3
1" = 1'-0"




ROOF CURB DETAIL R2




ROOF DRAIN DETAIL R1

## Roof General Notes:

1. MECHANICALLY ATTACH ( 1/4":12" ) TAPERED ROOF INSULATION SYSTEM TO METAL DECKING - STAGGER ALL BOARD JOINTS. FULLY ADHERE 60 MIL EPDM ROOFING MEMBRANE AND FLASHING SYSTEM. INSULATION THICKNESS NOTED ON PLAN. AVERAGE R-50.
2. PROVIDE TWELVE ( 12) 30" x 30" RUBBER TRAFFIC MATS FOR ROOF HATCH AREA(S).
3. SEE ALSO - ARCHITECTURAL WALL SECTIONS & DETAILS

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# Hancock Judicial Center

45 Merrill Lane - Ellsworth, Maine

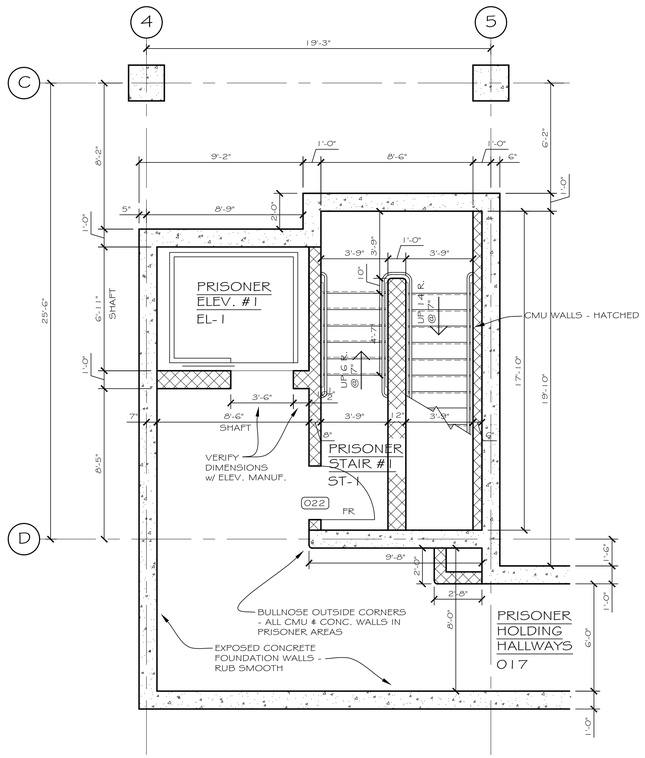
Date: 01 MAY 2026

Scale: 1/8"=1'-0"

0 2' 4' 8'

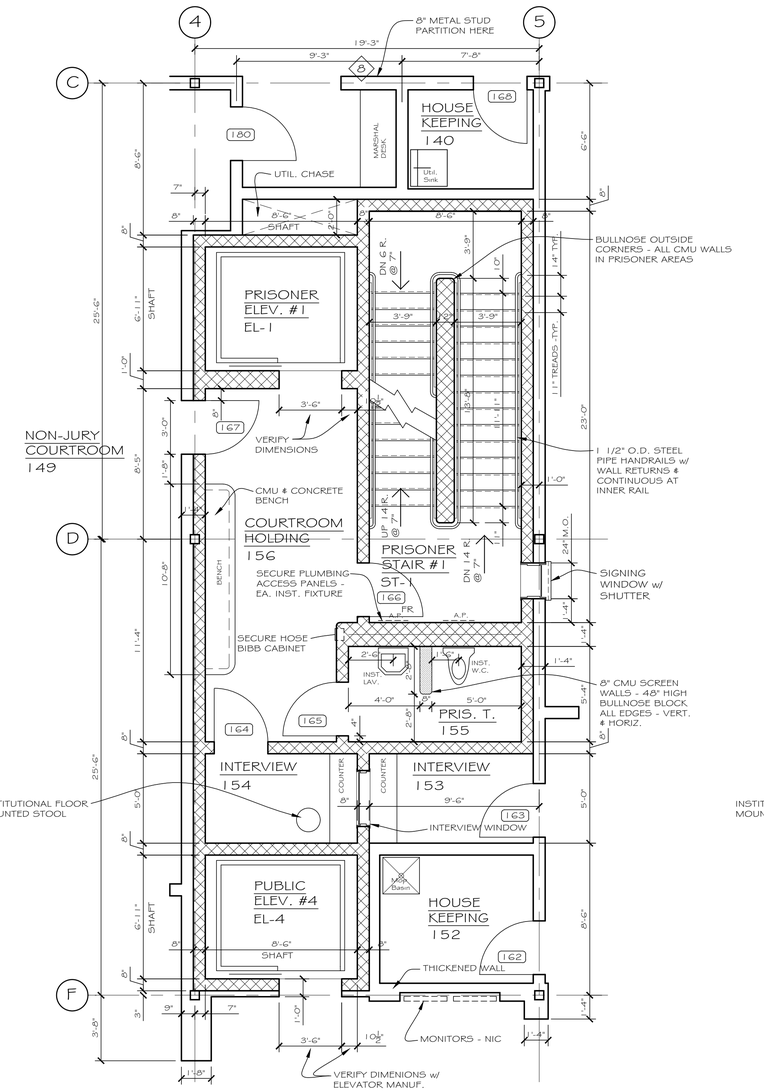
Sheet Title: Roof Plan & Details

Sheet # A9



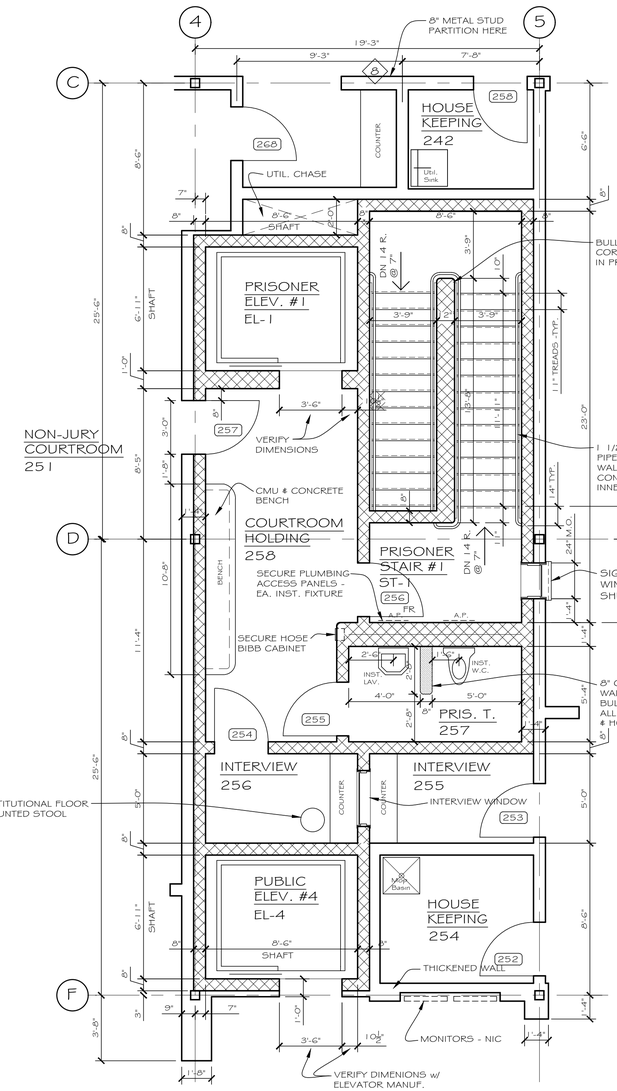

## GROUND FLOOR PRISONER STAIR / ELEVATOR

1/4" = 1'-0"



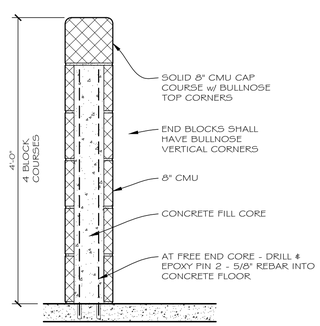

## FIRST FLOOR PRISONER STAIR / ELEVATOR / HOLDING

1/4" = 1'-0"



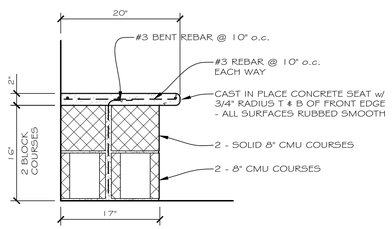

## SECOND FLOOR PRISONER STAIR / ELEVATOR / HOLDING

1/4" = 1'-0"




## PRISONER TOILET TYP. SCREEN-WALL DETAIL

1" = 1'-0"




## HOLDING AREAS & CELLS - TYP. BENCH DETAIL

1" = 1'-0"

## GENERAL NOTES

1. ALL CONCRETE BLOCK (CMU) WALLS AND PARTITIONS SHALL BE REINFORCED PER THE STRUCTURAL NOTES, SPECIFICATIONS, AND DETAILS

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Mark G. Carter • Architect •
P.O. Box 338 - Lyman, Maine 04002 Maine Licensed Architect

LICENSED ARCHITECT
MARK G. CARTER
No. 1913
STATE OF MAINE

# Hancock Judicial Center

45 Merrill Lane - Ellsworth, Maine

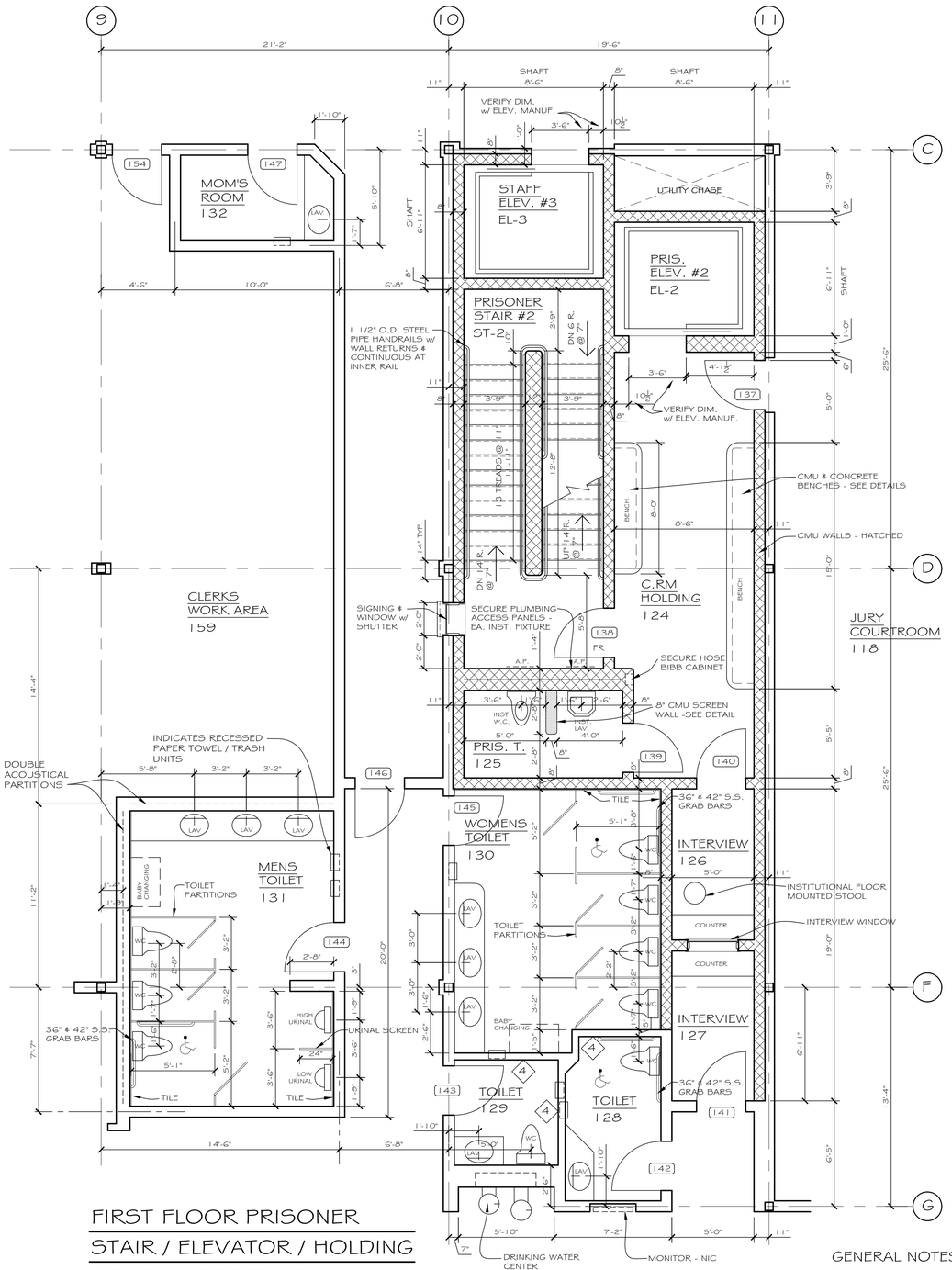
Date: 01 MAY 2026

Scale: 1/4"=1'-0"

0 1' 2' 4'

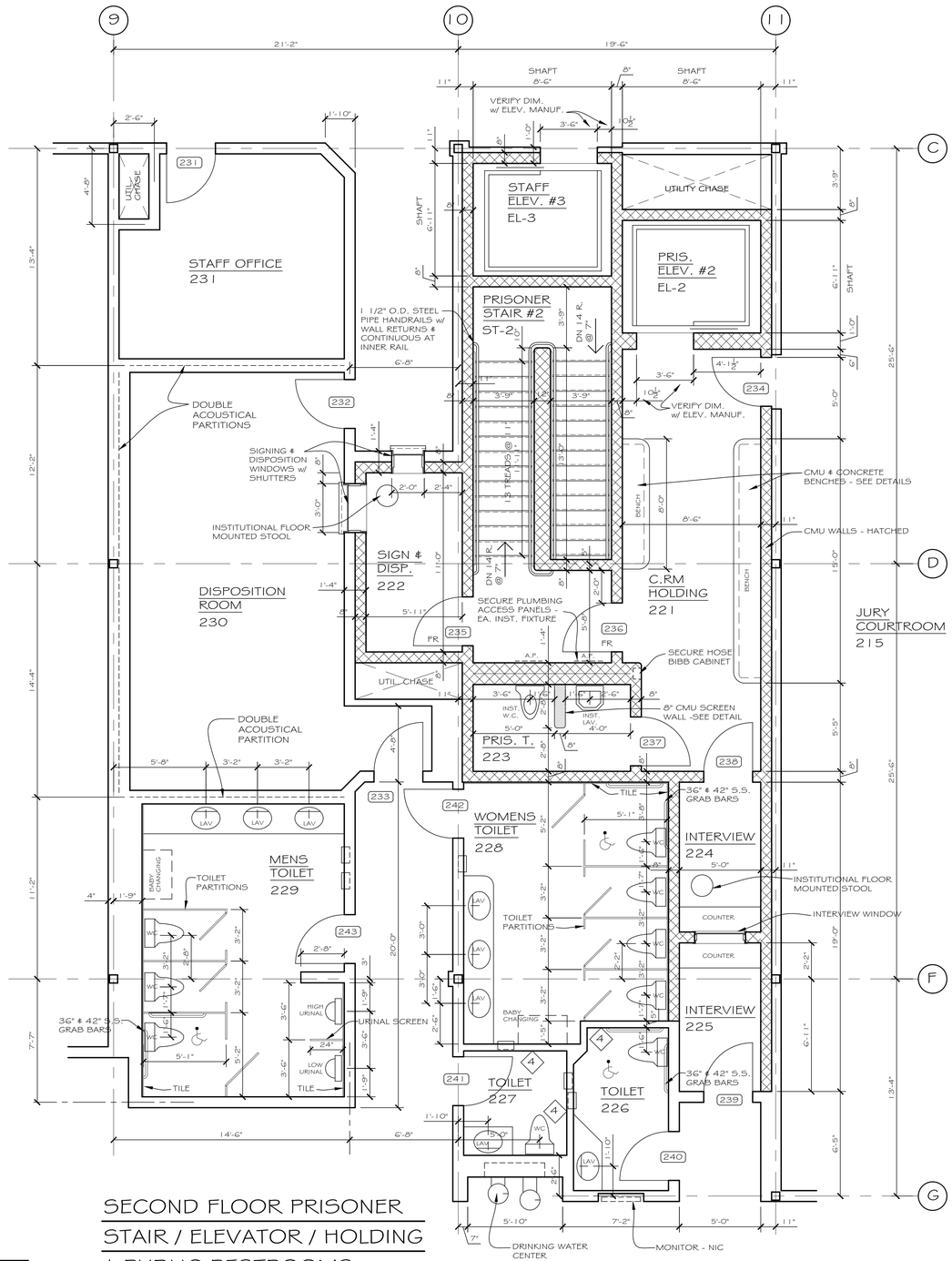
Sheet Title: Non-Jury CR Holding Areas Detail Plans

Sheet # A10




FIRST FLOOR PRISONER STAIR / ELEVATOR / HOLDING & PUBLIC RESTROOMS

1/4" = 1'-0"




SECOND FLOOR PRISONER STAIR / ELEVATOR / HOLDING & PUBLIC RESTROOMS

1/4" = 1'-0"

## GENERAL NOTES

1. ALL CONCRETE BLOCK (CMU) WALLS AND PARTITIONS SHALL BE REINFORCED PER THE STRUCTURAL NOTES, SPECIFICATIONS, AND DETAILS

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# Hancock Judicial Center

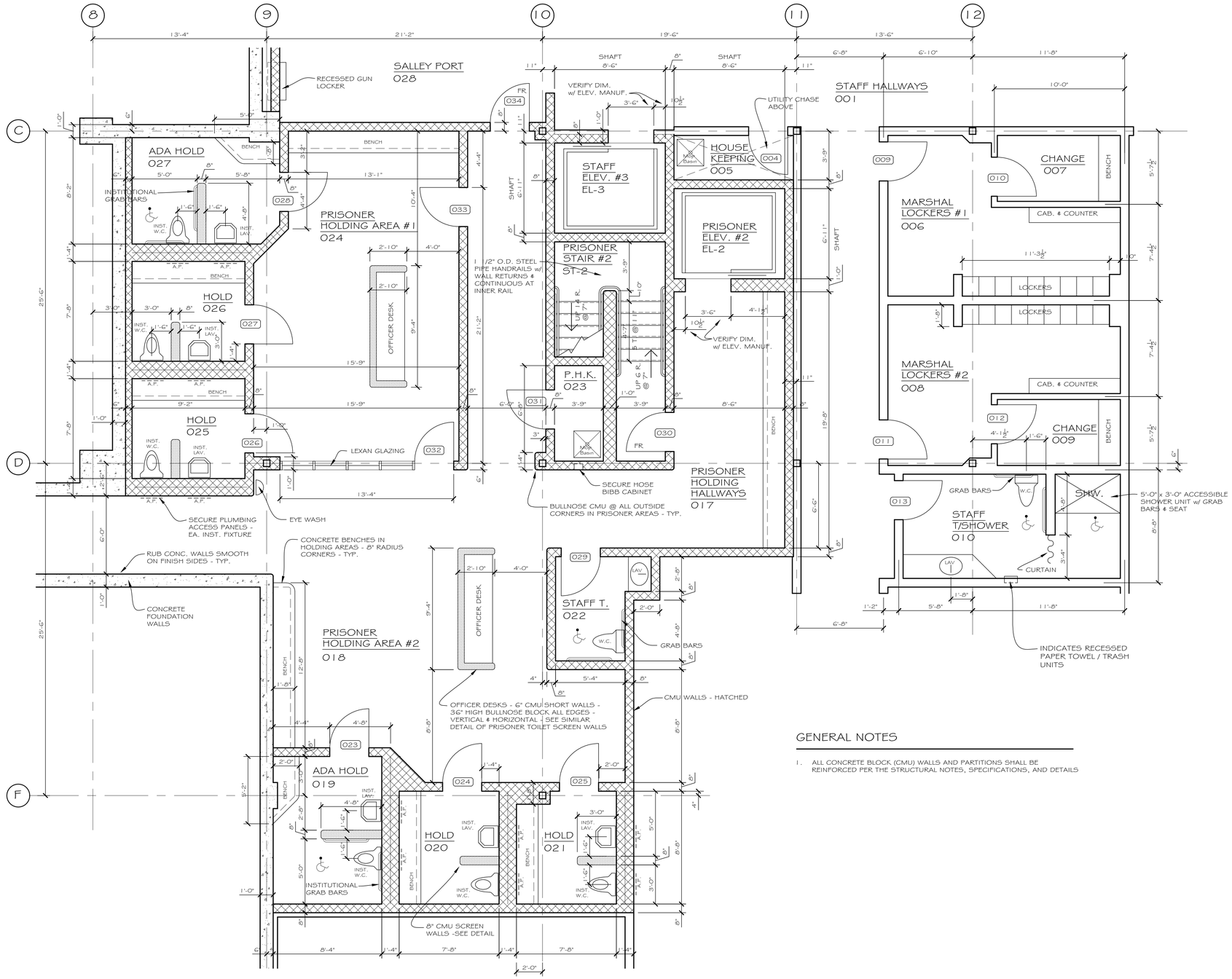
45 Merrill Lane - Ellsworth, Maine

Date: 01 MAY 2026

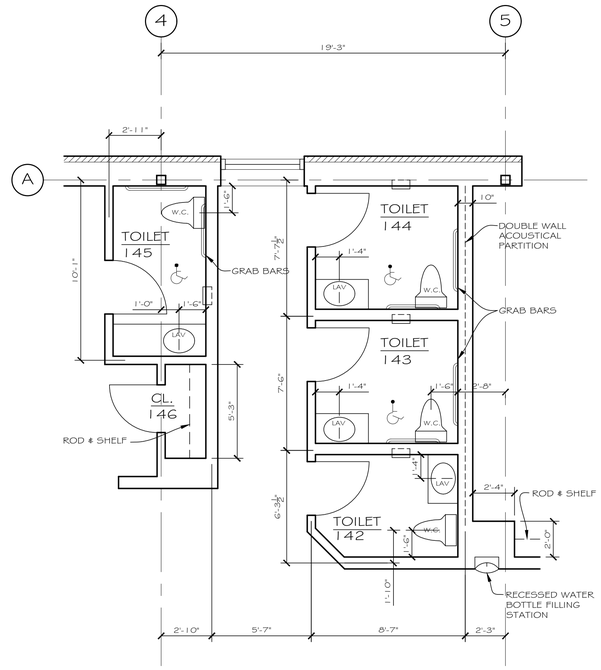
Scale: 1/4"=1'-0" (0, 1', 2', 4')

Sheet Title: Jury CR Holding Areas Detail Plans

Sheet # A11




GROUND FLOOR
HOLDING AREA PLAN
1/4" = 1'-0"




1ST & 2ND FLOOR
STAFF TOILET ROOMS
& TYP. CHAMBERS TOILET
1/4" = 1'-0"

## GENERAL NOTES

1. ALL CONCRETE BLOCK (CMU) WALLS AND PARTITIONS SHALL BE REINFORCED PER THE STRUCTURAL NOTES, SPECIFICATIONS, AND DETAILS

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MARK G. CARTER
No. 1913
STATE OF MAINE

# Hancock Judicial Center

45 Merrill Lane - Ellsworth, Maine

Date: 01 MAY 2026

Scale: 1/4"=1'-0"

Sheet Title: Ground Floor Holding Area & Staff Toilets

Sheet # A12

# Ceiling Plans Legend

## Light Fixtures

A — 2' x 2' RECESSED TROFFER LIGHT FIXTURE

B — 4' SURFACE MOUNTED WRAP-LENSE FIXTURE

C — 4' SURFACE MOUNTED GARAGE BAY FIXTURE

D — 1' x 4' RECESSED CONFINEMENT GRADE FIXTURE

F — SURFACE MOUNTED LIGHT FIXTURES

G — SMALL PENDANT LIGHT FIXTURES

H — LARGE PENDANT LIGHT FIXTURES

J — CABLE-HUNG LINEAR DIRECT / INDIRECT LIGHT FIXTURES

R1 — RECESSED DOWNLIGHT

R2 — WALL-WASHER RECESSED DOWNLIGHT

S — SCONCE - WALL MOUNTED LIGHT FIXTURE

V — VANITY - WALL MOUNTED LIGHT FIXTURE

X1 — EXTERIOR RECESSED CEILING LIGHT FIXTURE

X2 — EXTERIOR WALL MOUNTED LIGHT FIXTURE

## Life Safety Devices

MP — FIRE ALARM MANUAL PULL STATION

V — VISUAL ALARM - WALL MOUNTED

AV — AUDIO/VISUAL ALARM - WALL MOUNTED

V — VISUAL ALARM - CEILING MOUNTED

AV — AUDIO/VISUAL ALARM - CEILING MOUNTED

H — HEAT DETECTOR

S — SMOKE DETECTOR

EXIT SIGN

NOTE: ALL EXIT SIGNS IN PRISONER AREAS SHALL BE FLUSH WALL RECESSED

## Ceilings

24" x 24" TEGULAR EDGE - SUSPENDED ACOUSTICAL TILE CEILINGS

5/8" DRYWALL CEILINGS AND SOFFITS (SEE NOTES FOR PRISONER AREAS)

HARDWOOD CEILING TRIM DETAILS

7" CENTERS, LINEAR ALUMINUM SOFFIT PANELS & TRIM w/ WOOD GRAIN FINISH

AP — DRYWALL CEILING ACCESS PANELS

## Mechanical

CEILING CASSETTES, DIFFUSERS, AND GRILLS

RADIANT CEILING PANEL

# Ceiling Plans (all floors) - General Notes:

1. ENTIRE BUILDING: NFPA WET AUTOMATIC SPRINKLER SYSTEM

   ALL HEADS IN FINISH CEILINGS SHALL HAVE FLEXIBLE FINAL CONNECTIONS. HEADS SHALL BE CONCEALED, AND CENTERING IN THE 24" x 24" CEILING TILES.

   THERE SHALL BE NO EXPOSED PIPING IN AREAS RECEIVING FINISH CEILINGS.

   ALL PRISONER AREAS:
   SALLY PORT, PRISONER HOLDING AREAS, PRISONER ACCESS HALLS, PRISONER TOILET ROOMS, PRISONER INTERVIEW ROOMS, PRISONER STAIRS & PRISONER HOLDING CELLS SHALL HAVE INSTITUTIONAL TYPE SPRINKLER HEADS.

   I.T. ROOM & FILE ROOM ON GROUND FLOOR:
   IN ADDITION TO THE WET AUTOMATIC SPRINKLER SYSTEM, THESE TWO ROOMS SHALL EACH HAVE A CLEAN-AGENT TYPE FIRE SUPPRESSION SYSTEM THAT WILL INITIATE FIRST.

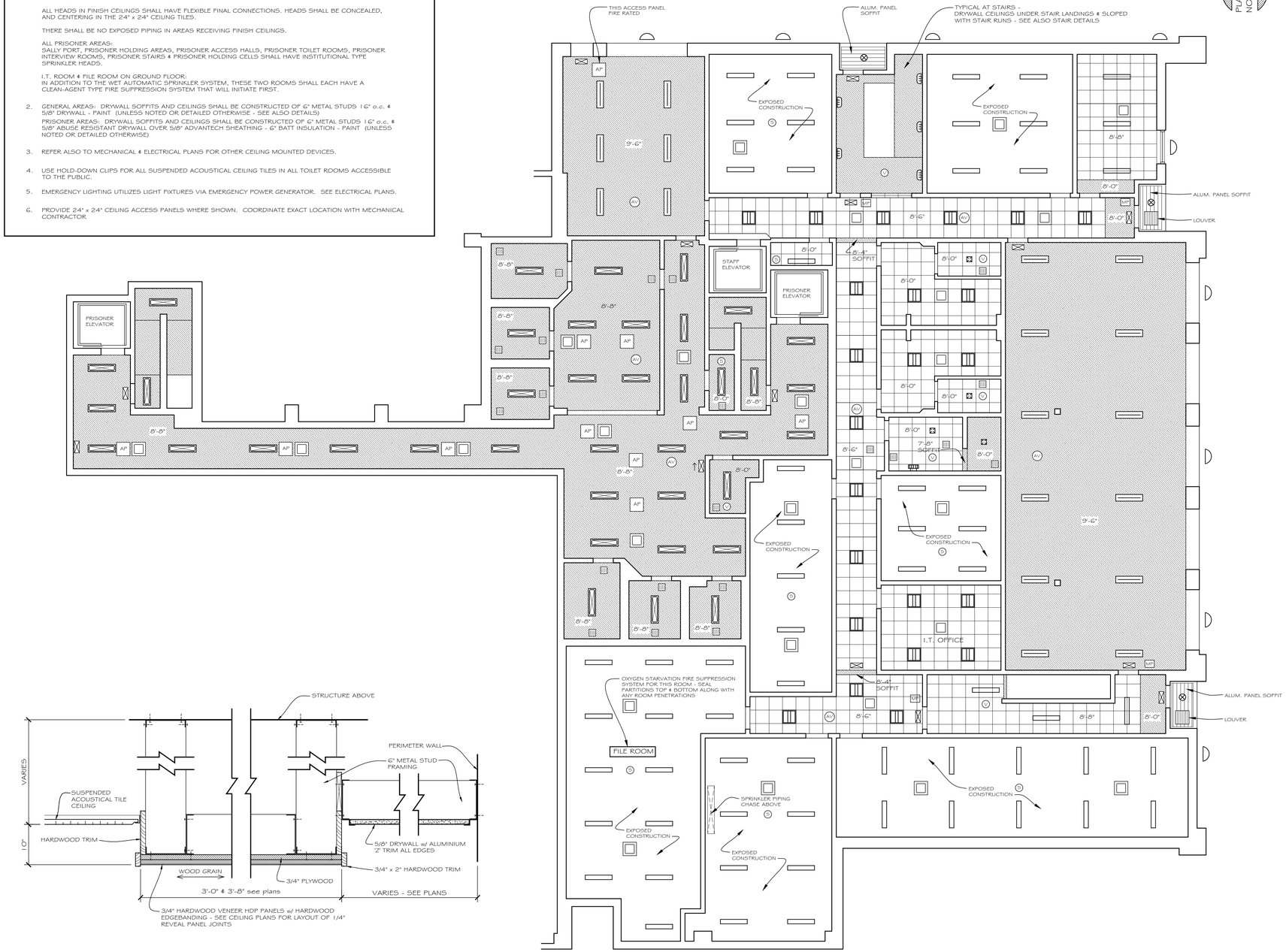
2. GENERAL AREAS: DRYWALL SOFFITS AND CEILINGS SHALL BE CONSTRUCTED OF 6" METAL STUDS 16" o.c. & 5/8" DRYWALL - PAINT (UNLESS NOTED OR DETAILED OTHERWISE - SEE ALSO DETAILS)
   PRISONER AREAS: DRYWALL SOFFITS AND CEILINGS SHALL BE CONSTRUCTED OF 6" METAL STUDS 16" o.c. & 5/8" ABUSE RESISTANT DRYWALL OVER 5/8" ADVANTECH SHEATHING - 6" BATT INSULATION - PAINT (UNLESS NOTED OR DETAILED OTHERWISE)

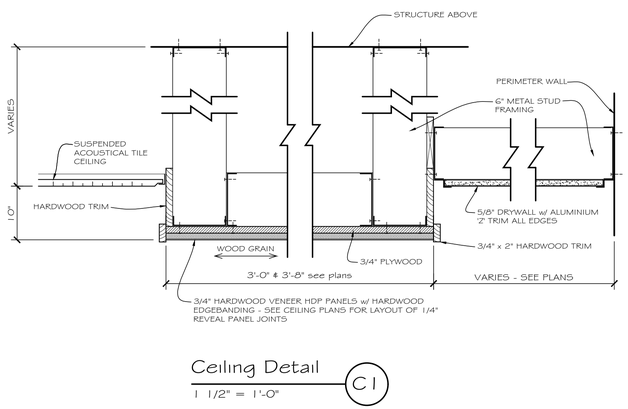
3. REFER ALSO TO MECHANICAL & ELECTRICAL PLANS FOR OTHER CEILING MOUNTED DEVICES.

4. USE HOLD-DOWN CLIPS FOR ALL SUSPENDED ACOUSTICAL CEILING TILES IN ALL TOILET ROOMS ACCESSIBLE TO THE PUBLIC.

5. EMERGENCY LIGHTING UTILIZES LIGHT FIXTURES VIA EMERGENCY POWER GENERATOR. SEE ELECTRICAL PLANS.

6. PROVIDE 24" x 24" CEILING ACCESS PANELS WHERE SHOWN. COORDINATE EXACT LOCATION WITH MECHANICAL CONTRACTOR.




Ceiling Detail C1

1 1/2" = 1'-0"

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# Hancock Judicial Center

45 Merrill Lane - Ellsworth, Maine

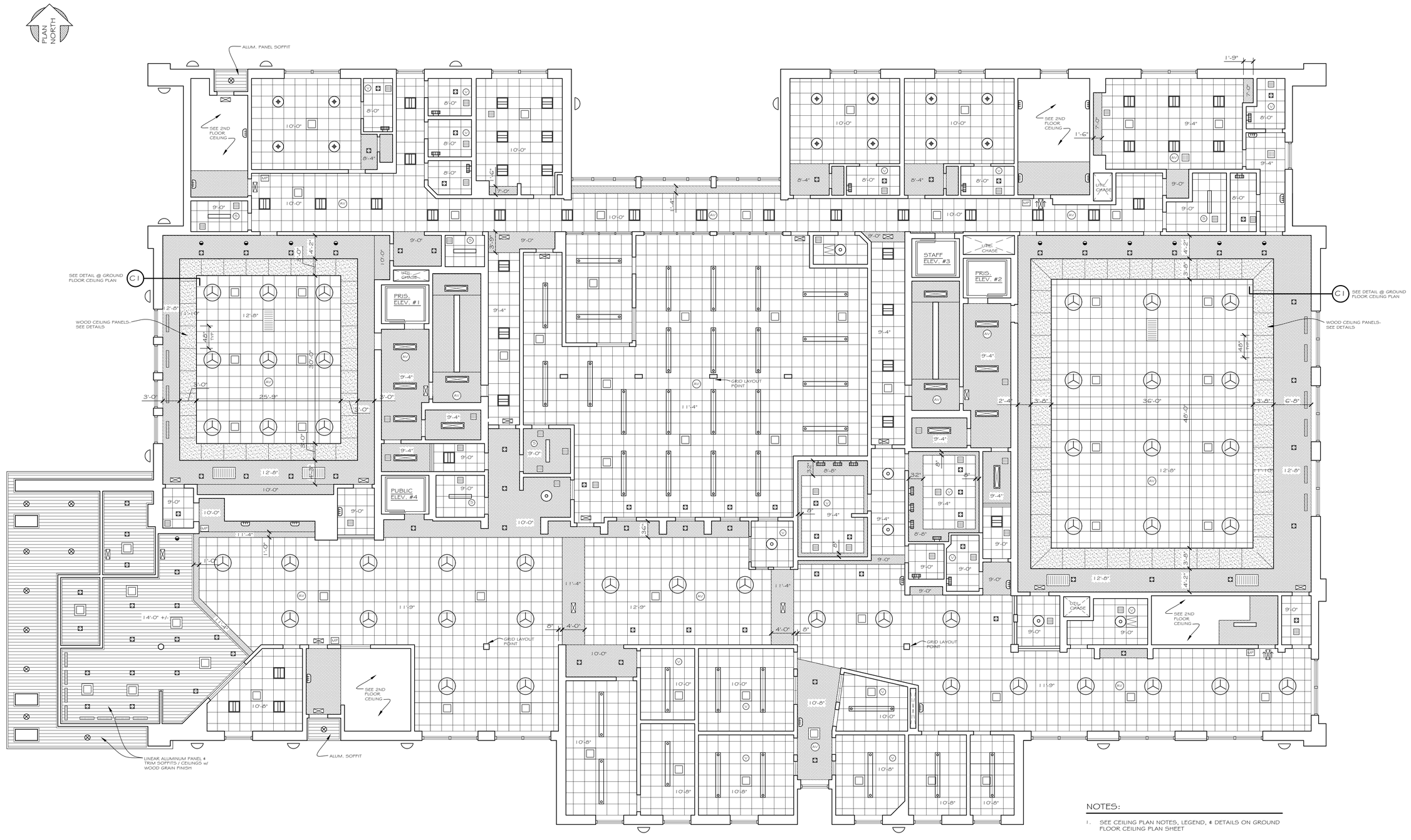
Date: 01 MAY 2026

Scale: 1/8"=1'-0"

0 2' 4' 8'

Sheet Title: Ground Floor Ceiling Plan, Legend, Details

Sheet # A13




NOTES:

1. SEE CEILING PLAN NOTES, LEGEND, & DETAILS ON GROUND FLOOR CEILING PLAN SHEET

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# Hancock Judicial Center

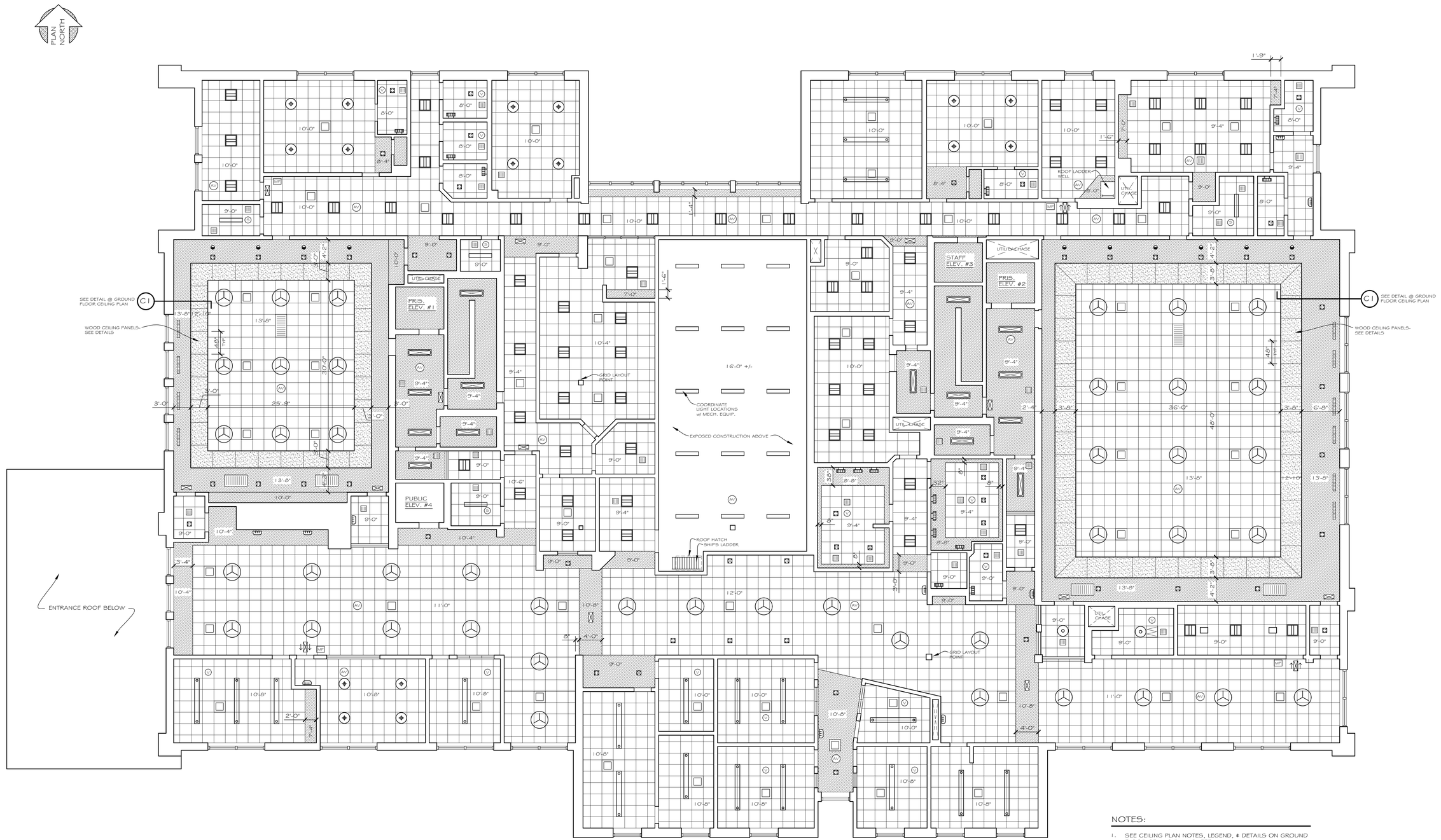
45 Merrill Lane - Ellsworth, Maine

Date: 01 MAY 2026

Scale: 1/8"=1'-0"

Sheet Title: First Floor Ceiling Plan

Sheet # A14




NOTES:

1. SEE CEILING PLAN NOTES, LEGEND, & DETAILS ON GROUND FLOOR CEILING PLAN SHEET

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# Hancock Judicial Center

45 Merrill Lane - Ellsworth, Maine

Date: 01 MAY 2026

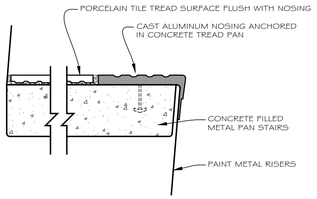
Scale: 1/8"=1'-0"

Sheet Title: Second Floor Ceiling Plan

Sheet # A15

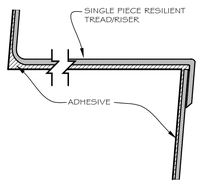
## Flooring Symbols Legend

- LARGE FORMAT 24" x 48" PORCELAIN TILE
- CARPET TILE
- RESILIENT TREAD / RISERS AT STAIRS & LANDINGS
- 12" x 24" PORCELAIN TILE
- RESILIENT PLANK FLOORING (LVP)
- NON-SKID EPOXY FLOOR FINISH OVER CONCRETE



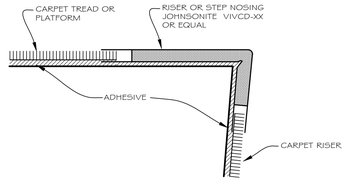

### Metal Nosing & Porcelain Tile Tread

PUBLIC STAIR ST-4 NTS




### Resilient Tread/Risers

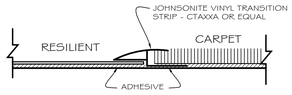
NTS




### Nosings @ Carpet Steps & Risers

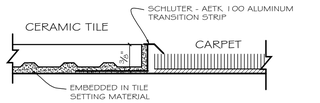
PLAN INDICATION NTS

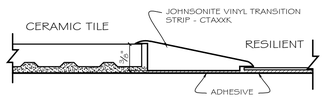




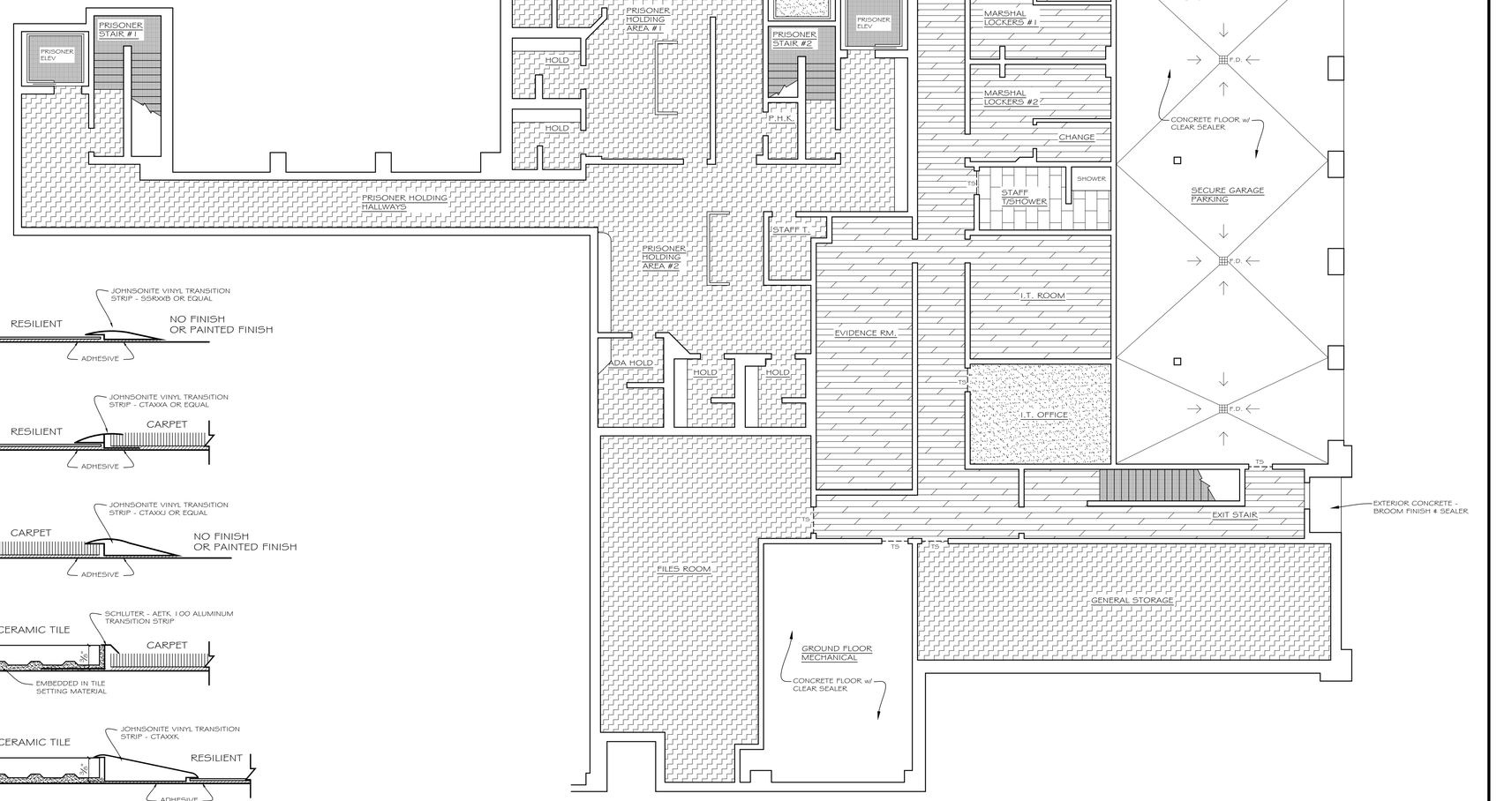





### FLOORING TRANSITION DETAILS

TS = TRANSITION STRIP

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STATE OF MAINE

# Hancock Judicial Center

45 Merrill Lane - Ellsworth, Maine

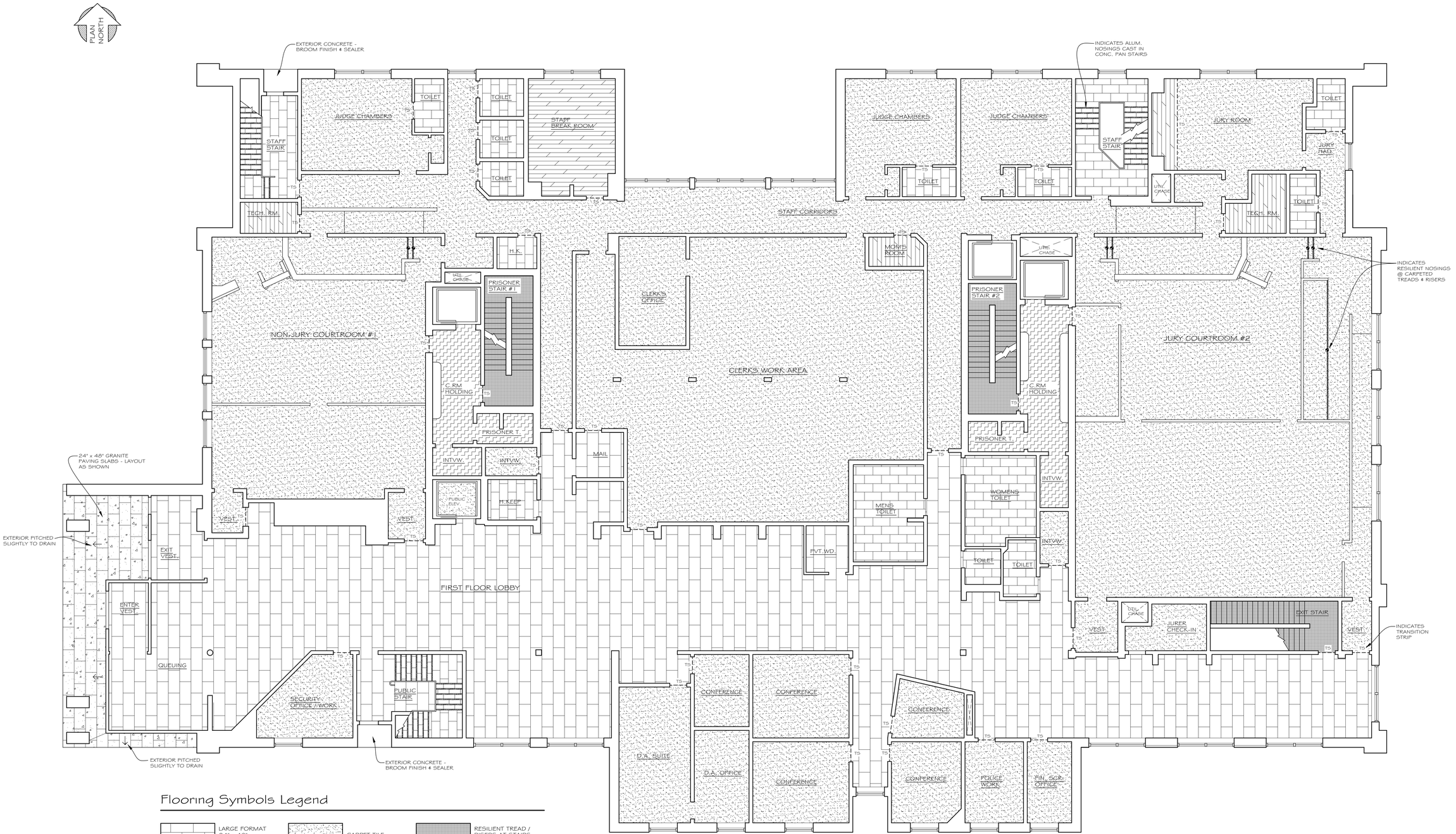
Date: 01 MAY 2026

Scale: 1/8"=1'-0"

0 2' 4' 8'

Sheet Title: Ground Floor Flooring Plan, Legend, Details

Sheet # A16




## Flooring Symbols Legend

- LARGE FORMAT 24" x 48" PORCELAIN TILE
- CARPET TILE
- RESILIENT TREAD / RISERS AT STAIRS & LANDINGS
- 12" x 24" PORCELAIN TILE
- RESILIENT PLANK FLOORING (LVP)
- NON-SKID EPOXY FLOOR FINISH OVER CONCRETE

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# Hancock Judicial Center

45 Merrill Lane - Ellsworth, Maine

Date: 01 MAY 2026

Scale: 1/8"=1'-0"

0 2' 4' 8'

Sheet Title: First Floor Flooring Plan

Sheet # A17

## Flooring Symbols Legend

- LARGE FORMAT 24" x 48" PORCELAIN TILE
- CARPET TILE
- RESILIENT TREAD / RISERS AT STAIRS AND LANDINGS
- 12" x 24" PORCELAIN TILE
- RESILIENT PLANK FLOORING (LVP)
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Date: 01 MAY 2026

Scale: 1/8"=1'-0"

0 2' 4' 8'

Sheet Title: Second Floor Flooring Plan

Sheet # A18

# GROUND FLOOR & FIRST FLOOR - MATERIAL & FINISH SCHEDULE

## GROUND FLOOR

| ROOM NUMBER | ROOM NAME | FLOORS: CARPET - TILES | FLOORS: LARGE FORMAT PORCELAIN TILE | FLOORS: PORCELAIN TILE | FLOORS: RESILIENT PLANK FLOORING (LVP) | FLOORS: RESILIENT STAIR TREADS/RISERS & LANDINGS | FLOORS: CONCRETE w/ EPOXY FINISH FLOORING FINISH | FLOORS: CONCRETE w/ CLEAR SEALER FINISH | BASE: WOOD BASE - STAIN & FINISH | BASE: VINYL BASE | BASE: BULLNOSE PORCELAIN TILE | BASE: NO BASE | WALLS: DRYWALL WALLS & PARTITIONS - PAINT | WALLS: PORCELAIN WALL TILE - SEE PLANS FOR LOCATIONS | WALLS: WOOD PANEL WALL SECTIONS - STAIN & FINISH | WALLS: WALLS ABOVE WAINSCOT - DRYWALL w/ WALL COVERING | WALLS: MASONRY BLOCK (CMU) WALLS - EPOXY PAINT | WALLS: CONCRETE FOUND. WALL - RUB SMOOTH & EPOXY PAINT | DOORS & TRIM: WOOD DOORS - FACTORY FINISHED | DOORS & TRIM: WOOD DOOR FRAMES & TRIM - STAIN & FINISH | DOORS & TRIM: METAL DOORS - PAINT | DOORS & TRIM: METAL DOOR FRAMES - PAINT | DOORS & TRIM: METAL VIEW WINDOW FRAMES - PAINT | DOORS & TRIM: WOOD WINDOW TRIM, SASH, & MUNTINS -STAIN & FINISH | DOORS & TRIM: ALUMINUM ENTRANCE DOORS - PREFINISHED | CEILINGS: 2x2' SUSPENDED ACOUSTICAL TILE - PREFINISHED | CEILINGS: DRYWALL CEILING - PAINT | CEILINGS: DRYWALL SOFFITS - PAINT | CEILINGS: WOOD PANEL & TRIM DETAILS - STAIN & FINISH | CEILINGS: WOOD BOARDS - STAIN & FINISH | CEILINGS: EXPOSED CONSTRUCTION - PAINT | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 001 | ELECTRICAL ROOM | | | | | | | ● | | ● | | | ● | | | | ● | | | | | | | | | | | | | | | | |
| 002 | MAINT. / WORK ROOM | | | | | | ● | | | ● | | | ● | | | | | | | ● | ● | | | | | | ● | | | | | | | |
| 003 | MAINTENANCE OFFICE | | | | ● | | | | | ● | | | ● | | | | | | | ● | ● | | | | | | ● | | | | | | | |
| 004 | STAFF HALLWAYS | ● | | | ● | | | | | ● | | | ● | | | | | | | ● | ● | | | | | | ● | | | | | | | 11 |
| 005 | HOUSEKEEPING | | | ● | | | | | | | | ● | ● | | | | | | | ● | ● | | | | | | | | | | | | | |
| 006 | MARSHAL LOCKERS #1 | | | | ● | | | | | ● | | | ● | | | | | | | ● | ● | | | | | | | | | | | | | |
| 007 | CHANGING ROOM | | | | ● | | | | | ● | | | ● | | | | | | | ● | ● | | | | | | | | | | | | | |
| 008 | MARSHAL LOCKERS #2 | | | | ● | | | | | ● | | | ● | | | | | | | ● | ● | | | | | | | | | | | | | |
| 009 | CHANGING ROOM | | | | ● | | | | | ● | | | ● | | | | | | | ● | ● | | | | | | | | | | | | | |
| 010 | STAFF TOILET / SHOWER | | | ● | | | | | | | ● | | ● | | | | | | | ● | ● | | | | | | | | | | | | | |
| 011 | I.T. ROOM | | | | ● | | | | | ● | | | ● | | | | | | | ● | ● | | | | | | | | | | | | | 14 |
| 012 | SECURE GARAGE PARK. | | | | | | | ● | | ● | | | ● | | | | | | | ● | ● | | | | | | | | | | | | | 1 - 14 |
| 013 | GENERAL STORAGE | | | | | | ● | | | ● | | | ● | | | | | | | ● | ● | | | | | | | | | | | | | |
| 014 | GROUND FL. MECH. RM. | | | | | | | ● | | ● | | | ● | | | | | | | ● | ● | | | | | | | | | | | | | |
| 015 | FILES ROOM | | | | | | ● | | | ● | | | ● | | | | | | | ● | ● | | | | | | | | | | | | | |
| 016 | EVIDENCE ROOM | | | | ● | | | | | ● | | | ● | | | | | | | ● | ● | | | | | | | | | | | | | |
| 017 | PRISONER HALLWAYS | | | | | | ● | | | | | ● | ● | | | | | ● | ● | ● | ● | | | | | | | ● | | | | | | 2 |
| 018 | PRISONER AREA #2 | | | | | | ● | | | | | ● | ● | | | | | ● | ● | ● | ● | | | | | | | ● | | | | | | 2 |
| 019 | ADA HOLDING ROOM | | | | | | ● | | | | | ● | ● | | | | | ● | ● | ● | ● | | | | | | | ● | | | | | | 2 |
| 020 | HOLDING ROOM | | | | | | ● | | | | | ● | ● | | | | | ● | ● | ● | ● | | | | | | | ● | | | | | | 2 |
| 021 | HOLDING ROOM | | | | | | ● | | | | | ● | ● | | | | | ● | ● | ● | ● | | | | | | | ● | | | | | | 2 |
| 022 | STAFF TOILET | | | | | | ● | | | | | ● | ● | | | | | ● | ● | ● | ● | | | | | | | ● | | | | | | |
| 023 | PRISONER HOUSEKEEP | | | | | | ● | | | | | ● | ● | | | | | ● | ● | ● | ● | | | | | | | ● | | | | | | |
| 024 | PRISONER AREA #1 | | | | | | ● | | | | | ● | ● | | | | | ● | ● | ● | ● | | | | | | | ● | | | | | | 2 |
| 025 | HOLDING ROOM | | | | | | ● | | | | | ● | ● | | | | | ● | ● | ● | ● | | | | | | | ● | | | | | | 2 |
| 026 | HOLDING ROOM | | | | | | ● | | | | | ● | ● | | | | | ● | ● | ● | ● | | | | | | | ● | | | | | | 2 |
| 027 | ADA HOLDING ROOM | | | | | | ● | | | | | ● | ● | | | | | ● | ● | ● | ● | | | | | | | ● | | | | | | 2 |
| 028 | SALLY PORT | | | | | | | ● | | | | ● | ● | | | | | ● | ● | ● | ● | | | | | | | ● | | | | | | 1 |
| 029 | I.T. OFFICE | ● | | | | | | | ● | | | | ● | | | | | | | ● | ● | | | | | | | | | | | | | |

## FIRST FLOOR

| ROOM NUMBER | ROOM NAME | FLOORS: CARPET - TILES | FLOORS: LARGE FORMAT PORCELAIN TILE | FLOORS: PORCELAIN TILE | FLOORS: RESILIENT PLANK FLOORING (LVP) | FLOORS: RESILIENT STAIR TREADS/RISERS & LANDINGS | FLOORS: CONCRETE w/ EPOXY FINISH FLOORING FINISH | FLOORS: CONCRETE w/ CLEAR SEALER FINISH | BASE: WOOD BASE - STAIN & FINISH | BASE: VINYL BASE | BASE: BULLNOSE PORCELAIN TILE | BASE: NO BASE | WALLS: DRYWALL WALLS & PARTITIONS - PAINT | WALLS: PORCELAIN WALL TILE - SEE PLANS FOR LOCATIONS | WALLS: WOOD PANEL WALL SECTIONS - STAIN & FINISH | WALLS: WALLS ABOVE WAINSCOT - DRYWALL w/ WALL COVERING | WALLS: MASONRY BLOCK (CMU) WALLS - EPOXY PAINT | WALLS: CONCRETE FOUND. WALL - RUB SMOOTH & EPOXY PAINT | DOORS & TRIM: WOOD DOORS - FACTORY FINISHED | DOORS & TRIM: WOOD DOOR FRAMES & TRIM - STAIN & FINISH | DOORS & TRIM: METAL DOORS - PAINT | DOORS & TRIM: METAL DOOR FRAMES - PAINT | DOORS & TRIM: METAL VIEW WINDOW FRAMES - PAINT | DOORS & TRIM: WOOD WINDOW TRIM, SASH, & MUNTINS -STAIN & FINISH | DOORS & TRIM: ALUMINUM ENTRANCE DOORS - PREFINISHED | CEILINGS: 2x2' SUSPENDED ACOUSTICAL TILE - PREFINISHED | CEILINGS: DRYWALL CEILING - PAINT | CEILINGS: DRYWALL SOFFITS - PAINT | CEILINGS: WOOD PANEL & TRIM DETAILS - STAIN & FINISH | CEILINGS: WOOD BOARDS - STAIN & FINISH | CEILINGS: EXPOSED CONSTRUCTION - PAINT | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 101 | EXIT VESTIBULE | | ● | | | | | | | | | ● | | | | | | | | ● | ● | | | | | | ● | | | | | | | |
| 102 | ENTRANCE VESTIBULE | | ● | | | | | | | | | ● | | | | | | | | ● | ● | | | | | | ● | | | | | | | |
| 103 | QUEUING AREA | | ● | | | | | | | | | ● | | | | | | | | ● | ● | | | | | | ● | | | | | | | |
| 104 | FIRST FLOOR LOBBY | | ● | | | | | | | | | | ● | | | | | | | ● | ● | | | | | | | ● | | | | | | 6 - 14 |
| 105 | SECURITY OFFICE / WORK | ● | | | | | | | | | | ● | ● | | | | | | | ● | ● | | | | | | | ● | | | | | | |
| 106 | D.A. SUITE | ● | | | | | | | | | | ● | ● | | | | | | | ● | ● | | | | | | | ● | | | | | | |
| 107 | D.A. OFFICE | ● | | | | | | | | | | ● | ● | | | | | | | ● | ● | | | | | | | ● | | | | | | 8 |
| 108 | CONFERENCE | ● | | | | | | | | | | ● | ● | | | | | | | ● | ● | | | | | | | ● | | | | | | |
| 109 | CONFERENCE | ● | | | | | | | | | | ● | ● | | | | | | | ● | ● | | | | | | | ● | | | | | | 8 |
| 110 | CONFERENCE | ● | | | | | | | | | | ● | ● | | | | | | | ● | ● | | | | | | | ● | | | | | | 8 |
| 111 | CONFERENCE | ● | | | | | | | | | | ● | ● | | | | | | | ● | ● | | | | | | | ● | | | | | | 8 |
| 112 | CONFERENCE | ● | | | | | | | | | | ● | ● | | | | | | | ● | ● | | | | | | | ● | | | | | | 8 |
| 113 | POLICE WORK ROOM | ● | | | | | | | | | | ● | ● | | | | | | | ● | ● | | | | | | | ● | | | | | | |
| 114 | FIN. SCREENER OFFICE | ● | | | | | | | | | | ● | ● | | | | | | | ● | ● | | | | | | | ● | | | | | | |
| 115 | JUROR CHECK-IN | ● | | | | | | | | | | ● | ● | | | | | | | ● | ● | | | | | | | ● | | | | | | |
| 116 | VESTIBULE | ● | | | | | | | | | | ● | ● | | | | | | | ● | ● | | | | | | | ● | | | | | | |
| 117 | VESTIBULE | ● | | | | | | | | | | ● | ● | | | | | | | ● | ● | | | | | | | ● | | | | | | 8 |
| 118 | JURY COURTROOM #2 | ● | | | | | | | | | | ● | ● | | | | ● | ● | | ● | ● | | | | | | | ● | | | | | | 7 |
| 119 | TECH. ROOM | | | | ● | | | | | | | ● | ● | | | | | | | ● | ● | | | | | | | ● | | | | | | |
| 120 | JURY HALL | ● | | | | | | | | | | ● | ● | | | | | | | ● | ● | | | | | | | ● | | | | | | |
| 121 | TOILET | | | ● | | | | | | | | ● | ● | | | | | | | ● | ● | | | | | | | ● | | | | | | |
| 122 | TOILET | | | ● | | | | | | | | ● | ● | | | | | | | ● | ● | | | | | | | ● | | | | | | |
| 123 | JURY ROOM | ● | | | ● | | | | | | | ● | ● | | | | | | | ● | ● | | | | | | | ● | | | | | | 11 |
| 124 | COURTROOM HOLDING | | | | | | ● | | | | | | ● | | | | | ● | | | | | | | | | | | | | | | | 2 |
| 125 | PRISONER TOILET | | | | | | ● | | | | | | ● | | | | | ● | | | | | | | | | | | | | | | | |
| 126 | INTERVIEW | | | | | | ● | | | | | | ● | | | | | ● | | | | | | | | | | | | | | | | 9 |
| 127 | INTERVIEW | ● | | | | | | | | | | ● | | | | | | | | ● | ● | | | | | | | ● | | | | | | 9 |
| 128 | TOILET | | | ● | | | | | | | | ● | | | | | | | | ● | ● | | | | | | | ● | | | | | | |
| 129 | TOILET | | | ● | | | | | | | | ● | | | | | | | | ● | ● | | | | | | | ● | | | | | | |
| 130 | WOMEN'S TOILET | | | ● | | | | | | | | ● | | | | | | | | ● | ● | | | | | | | ● | | | | | | 13 |
| 131 | MEN'S TOILET | | | ● | | | | | | | | ● | | | | | | | | ● | ● | | | | | | | ● | | | | | | 13 |
| 132 | MOM'S ROOM | | | | ● | | | | | | | | ● | | | | | | | ● | ● | | | | | | | ● | | | | | | |
| 133 | JUDGE CHAMBERS | ● | | | | | | | | | | | ● | | | | | | | ● | ● | | | | | | | ● | | | | | | |
| 134 | CLOSET | ● | | | | | | | | | | | ● | | | | | | | ● | ● | | | | | | | ● | | | | | | |
| 135 | TOILET | | | ● | | | | | | | | ● | | | | | | | | ● | ● | | | | | | | ● | | | | | | |
| 136 | TOILET | | | ● | | | | | | | | ● | | | | | | | | ● | ● | | | | | | | ● | | | | | | |
| 137 | CLOSET | ● | | | | | | | | | | | ● | | | | | | | ● | ● | | | | | | | ● | | | | | | |
| 138 | JUDGE CHAMBERS | ● | | | | | | | | | | | ● | | | | | | | ● | ● | | | | | | | ● | | | | | | |
| 139 | STAFF CORRIDORS | ● | | | | | | | | | | | ● | | | | | | | ● | ● | | | | | | | ● | | | | | | 5 - 9 |
| 140 | HOUSEKEEPING | | | ● | | | | | | | | | ● | | | | | | | ● | ● | | | | | | | ● | | | | | | |
| 141 | STAFF BREAK ROOM | | | | ● | | | | | | | | ● | | | | | | | ● | ● | | | | | | | ● | | | | | | |
| 142 | TOILET | | | ● | | | | | | | | | ● | | | | | | | ● | ● | | | | | | | ● | | | | | | |
| 143 | TOILET | | | ● | | | | | | | | | ● | | | | | | | ● | ● | | | | | | | ● | | | | | | |
| 144 | TOILET | | | ● | | | | | | | | | ● | | | | | | | ● | ● | | | | | | | ● | | | | | | |
| 145 | TOILET | | | ● | | | | | | | | | ● | | | | | | | ● | ● | | | | | | | ● | | | | | | |
| 146 | CLOSET | ● | | | | | | | | | | | ● | | | | | | | ● | ● | | | | | | | ● | | | | | | |
| 147 | JUDGE CHAMBERS | ● | | | | | | | | | | | ● | | | | | | | ● | ● | | | | | | | ● | | | | | | |
| 148 | TECH. ROOM | | | | ● | | | | | | | | ● | | | | | | | ● | ● | | | | | | | ● | | | | | | |
| 149 | NON-JURY COURTRM. #1 | ● | | | | | | | | | | | ● | | | | | | | | ● | ● | | | | | | ● | | | | | | 7 |
| 150 | VESTIBULE | ● | | | | | | | | | | | ● | | | | | | | ● | ● | | | | | | | ● | | | | | | |
| 151 | VESTIBULE | ● | | | | | | | | | | | ● | | | | | | | ● | ● | | | | | | | ● | | | | | | 8 |
| 152 | HOUSEKEEPING | | | ● | | | | | | | | | ● | | | | | | | ● | ● | | | | | | | ● | | | | | | |
| 153 | INTERVIEW | ● | | | | | | | | | | | ● | | | | | | | ● | ● | | | | | | | ● | | | | | | 9 |
| 154 | INTERVIEW | | | | | | ● | | | | | | ● | | | | | ● | | | | | | | | | | | | | | | | 9 |
| 155 | PRISONER TOILET | | | | | | ● | | | | | | ● | | | | | ● | | | | | | | | | | | | | | | | |
| 156 | COURTROOM HOLDING | | | | | | ● | | | | | | ● | | | | | ● | | | | | | | | | | | | | | | | 2 |
| 157 | MAIL ROOM | | ● | | | | | | | | | | ● | | | | | | | ● | ● | | | | | | | ● | | | | | | |
| 158 | CLERK'S OFFICE | ● | | | | | | | | | | | ● | | | | | | | ● | ● | | | | | | | ● | | | | | | 8 |
| 159 | CLERKS WORK AREA | ● | | | | | | | | | | | ● | | | | | | | ● | ● | | | | | | | ● | | | | | | 6 - 8 - 14 |
| 160 | PRIVATE CLERK WINDOW | | ● | | | | | | | | | | ● | | | | | | | ● | ● | | | | | | | ● | | | | | | |

### FINISH SCHEDULE NOTES:

1. PAINT EXTERIOR STEEL LINTEL AT OVERHEAD DOOR OPENING
2. EPOXY FINISH CONCRETE BLOCK & CONCRETE TOP BENCHES
3. PAINT ALL EXPOSED STEEL STAIR COMPONENTS & RAILS
4. STAIN & FINISH WOOD STAIR HANDRAILS AND/OR RAIL CAPS
5. STAIN & FINISH WOOD HANDRAILS & LOW WALL CAP AT RAMPS
6. SEE DETAILS FOR CLERKS' WINDOWS
7. SEE COURTROOM ELEVATIONS & DETAILS
8. WOOD FRAME SIDELIGHT OR FULL GLASS WALL - STAIN & FINISH
9. METAL FRAMED SIGNING AND/OR INTERVIEW WINDOW - PAINT
10. METAL VIEW FRAME AT STAIR WALL - PAINT
11. SEE FLOORING PLAN FOR LOCATIONS OF FLOORING TYPES
12. DRYWALL CEILING AT TOP OF ELEVATOR SHAFT
13. SEE SHT. A20 & LARGE SCALE DETAIL PLANS FOR TILED WALL LOCATIONS. AT DRYWALL PARTITIONS, REPLACE GWB w/ TILE BACKERBOARD
14. INDIVIDUAL COLUMN - BOXED w/ DRYWALL & BASE TRIMMED
15. SEE EPOXY FLOOR SPECIFICATIONS FOR ANY INTEGRAL EPOXY BASE

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NORTH PEAK ARCHITECTURE
Mark G. Carter • Architect •
P.O. Box 338 - Lyman, Maine 04002 Maine Licensed Architect

LICENSED ARCHITECT
MARK G. CARTER
No. 1913
STATE OF MAINE

# Hancock Judicial Center

45 Merrill Lane - Ellsworth, Maine

Date: 01 MAY 2026

Scale: 1/4"=1'-0"

Sheet Title: Finish Schedule First Floor & Ground Floor

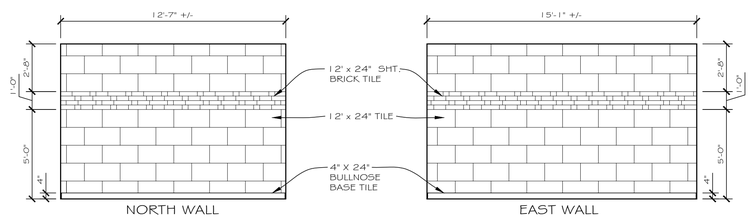
Sheet # A19

# STAIRS & ELEVATORS - MATERIAL & FINISH SCHEDULE

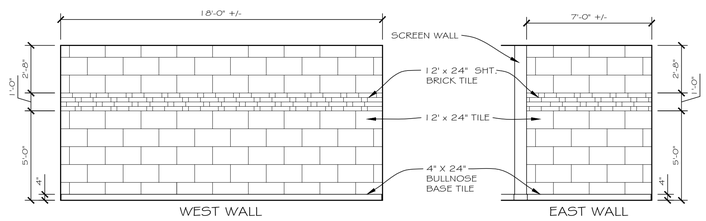
| | ROOM NUMBER | ROOM NAME | FLOORS (SEE ALSO FLOORING PLANS): CARPET - TILES | LARGE FORMAT PORCELAIN TILE | PORCELAIN TILE | RESILIENT PLANK FLOORING (LVP) | RESILIENT STAIR TREADS/RISERS & LANDINGS | CONCRETE w/ EPOXY FINISH FLOORING FINISH | CONCRETE w/ CLEAR SEALER FINISH | BASE: WOOD BASE - STAIN & FINISH | VINYL BASE | BULLNOSE PORCELAIN TILE | NO BASE | WALLS: DRYWALL WALLS & PARTITIONS - PAINT | PORCELAIN WALL TILE - SEE PLANS FOR LOCATIONS | WOOD PANEL WALL SECTIONS - STAIN & FINISH | WALLS ABOVE WAINSCOT - DRYWALL w/ WALL COVERING | MASONRY BLOCK (CMU) WALLS - EPOXY PAINT | CONCRETE FOUND. WALL - RUB SMOOTH & EPOXY PAINT | DOORS & TRIM: WOOD DOORS - FACTORY FINISHED | WOOD DOOR FRAMES & TRIM - STAIN & FINISH | METAL DOORS - PAINT | METAL DOOR FRAMES - PAINT | METAL VIEW WINDOW FRAMES - PAINT | WOOD WINDOW TRIM, SASH, & MUNTINS -STAIN & FINISH | ALUMINUM ENTRANCE DOORS - PREFINISHED | CEILINGS (SEE ALSO CEILING PLANS): 2x2 SUSPENDED ACOUSTICAL TILE - PREFINISHED | DRYWALL CEILING - PAINT | DRYWALL SOFFITS - PAINT | WOOD PANEL & TRIM DETAILS - STAIN & FINISH | WOOD BOARDS - STAIN & FINISH | EXPOSED CONSTRUCTION - PAINT | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STAIRS & ELEVATORS | ST-1 | PRISONER STAIR | | | | | ● | ● | | | | | ● | | | | | ● | | | | ● | ● | ● | | | | ● | | | | | | | 3 - 9 - 11 |
| | ST-2 | PRISONER STAIR | | | | | ● | ● | | | | | ● | | | | | ● | | | | ● | ● | ● | | | | ● | | | | | | | 3 - 9 - 11 |
| | ST-3 | PUBLIC STAIR | | ● | ● | | | | | ● | | | | ● | | | | | | ● | | ● | | | | | ● | ● | | | | | | | 3 - 4 - 10 |
| | ST-4 | STAFF STAIR | | | ● | | | | | ● | | | | ● | | | | | | ● | | ● | | | | | ● | ● | | | | | | | 3 - 4 - 11 |
| | ST-5 | STAFF STAIR | | | ● | | | | | ● | | | | ● | | | | | | ● | | ● | | | | | ● | ● | | | | | | | 3 - 4 - 10 - 11 |
| | ST-6 | EXIT STAIR | | | | ● | ● | | | | ● | | | ● | | | | | | ● | | ● | | | | | ● | ● | | | | | | | 3 - 11 |
| | EL-1 | PRISONER ELEVATOR | | | | | ● | | | | | | | | | | | | | | | | | | | | | ● | | | | | | | 12 |
| | EL-2 | PRISONER ELEVATOR | | | | | ● | | | | | | | | | | | | | | | | | | | | | ● | | | | | | | 12 |
| | EL-3 | STAFF ELEVATOR | ● | | | | | | | | | | | | | | | | | | | | | | | | | ● | | | | | | | 12 |
| | EL-4 | PUBLIC ELEVATOR | ● | | | | | | | | | | | | | | | | | | | | | | | | | ● | | | | | | | 12 |

FINISH SCHEDULE NOTES:

1. PAINT EXTERIOR STEEL LINTEL AT OVERHEAD DOOR OPENING
2. EPOXY FINISH CONCRETE BLOCK & CONCRETE TOP BENCHES
3. PAINT ALL EXPOSED STEEL STAIR COMPONENTS & RAILS
4. STAIN & FINISH WOOD STAIR HANDRAILS AND/OR RAIL CAPS
5. STAIN & FINISH WOOD HANDRAILS & LOW WALL CAP AT RAMPS
6. SEE DETAILS FOR CLERKS' WINDOWS
7. SEE COURTROOM ELEVATIONS & DETAILS
8. WOOD FRAME SIDELIGHT OR FULL GLASS WALL - STAIN & FINISH
9. METAL FRAMED SIGNING AND/OR INTERVIEW WINDOW - PAINT
10. METAL VIEW FRAME AT STAIR WALL - PAINT
11. SEE FLOORING PLAN FOR LOCATIONS OF FLOORING TYPES
12. DRYWALL CEILING AT TOP OF ELEVATOR SHAFT
13. SEE BELOW & LARGE SCALE DETAIL PLANS FOR TILED WALL LOCATIONS. AT DRYWALL PARTITIONS, REPLACE GWB w/ TILE BACKERBOARD
14. INDIVIDUAL COLUMN - BOXED w/ DRYWALL & BASE TRIMMED
15. SEE EPOXY FLOOR SPECIFICATIONS FOR ANY INTEGRAL EPOXY BASE




WOMEN'S TOILET ROOMS 130 & 228
TILED WALL ELEVATIONS




MEN'S TOILET ROOMS 131 & 229
TILED WALL ELEVATIONS

# SECOND FLOOR - MATERIAL & FINISH SCHEDULE

SECOND FLOOR

| ROOM NUMBER | ROOM NAME | FLOORS (SEE ALSO FLOORING PLANS): CARPET - TILES | LARGE FORMAT PORCELAIN TILE | PORCELAIN TILE | RESILIENT PLANK FLOORING (LVP) | RESILIENT STAIR TREADS/RISERS & LANDINGS | CONCRETE w/ EPOXY FINISH FLOORING FINISH | CONCRETE w/ CLEAR SEALER FINISH | BASE: WOOD BASE - STAIN & FINISH | VINYL BASE | BULLNOSE PORCELAIN TILE | NO BASE | WALLS: DRYWALL WALLS & PARTITIONS - PAINT | PORCELAIN WALL TILE - SEE PLANS FOR LOCATIONS | WOOD PANEL WALL SECTIONS - STAIN & FINISH | WALLS ABOVE WAINSCOT - DRYWALL w/ WALL COVERING | MASONRY BLOCK (CMU) WALLS - EPOXY PAINT | CONCRETE FOUND. WALL - RUB SMOOTH & EPOXY PAINT | DOORS & TRIM: WOOD DOORS - FACTORY FINISHED | WOOD DOOR FRAMES & TRIM - STAIN & FINISH | METAL DOORS - PAINT | METAL DOOR FRAMES - PAINT | METAL VIEW WINDOW FRAMES - PAINT | WOOD WINDOW TRIM, SASH, & MUNTINS -STAIN & FINISH | ALUMINUM ENTRANCE DOORS - PREFINISHED | CEILINGS (SEE ALSO CEILING PLANS): 2x2 SUSPENDED ACOUSTICAL TILE - PREFINISHED | DRYWALL CEILING - PAINT | DRYWALL SOFFITS - PAINT | WOOD PANEL & TRIM DETAILS - STAIN & FINISH | WOOD BOARDS - STAIN & FINISH | EXPOSED CONSTRUCTION - PAINT | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 201 | SECOND FLOOR LOBBY | | ● | | | | | | ● | | | | ● | | | | | | ● | ● | | | | | ● | ● | | ● | | | | | | 6 - 14 |
| 202 | MEDIATION ROOM | ● | | | | | | | ● | | | | ● | | | | | | ● | ● | | | | | ● | ● | | | | | | | | |
| 203 | CONFERENCE | ● | | | | | | | ● | | | | ● | | | | | | ● | ● | | | | | ● | ● | | | | | | | | |
| 204 | PUBLIC DEF. SUITE | ● | | | | | | | ● | | | | ● | | | | | | ● | ● | | | | | ● | ● | | | | | | | | |
| 205 | PUBLIC DEF. OFFICE | ● | | | | | | | ● | | | | ● | | | | | | ● | ● | | | | | ● | ● | | | | | | | | 8 |
| 206 | CONFERENCE | ● | | | | | | | ● | | | | ● | | | | | | ● | ● | | | | | ● | ● | | | | | | | | |
| 207 | CONFERENCE | ● | | | | | | | ● | | | | ● | | | | | | ● | ● | | | | | ● | ● | | | | | | | | 8 |
| 208 | CONFERENCE | ● | | | | | | | ● | | | | ● | | | | | | ● | ● | | | | | ● | ● | | | | | | | | 8 |
| 209 | CONFERENCE | ● | | | | | | | ● | | | | ● | | | | | | ● | ● | | | | | ● | ● | | | | | | | | 8 |
| 210 | CONFERENCE | ● | | | | | | | ● | | | | ● | | | | | | ● | ● | | | | | ● | ● | | | | | | | | 8 |
| 211 | ATTORNEYS ROOM | ● | | | | | | | ● | | | | ● | | | | | | ● | ● | | | | | ● | ● | | | | | | | | |
| 212 | MOM'S ROOM | | | | ● | | | | ● | | | | ● | | | | | | ● | ● | | | | | ● | ● | | | | | | | | |
| 213 | VESTIBULE | ● | | | | | | | ● | | | | ● | | | | | | ● | ● | | | | | ● | ● | | | | | | | | |
| 214 | VESTIBULE | ● | | | | | | | ● | | | | ● | | | | | | ● | ● | | | | | ● | ● | | | | | | | | 8 |
| 215 | JURY COURTROOM #4 | ● | | | | | | | ● | | | | | | | ● | ● | | ● | ● | | | | | ● | ● | | | | | | ● | | 7 |
| 216 | TECH. ROOM | | | | ● | | | | ● | | | | ● | | | | | | ● | ● | | | | | ● | ● | | | | | | | | |
| 217 | JURY HALL | ● | | | | | | | ● | | | | ● | | | | | | ● | ● | | | | | ● | ● | | | | | | | | |
| 218 | TOILET | | | ● | | | | | ● | | | | | | | | | | ● | ● | | | | | ● | ● | | | | | | | | |
| 219 | TOILET | | | ● | | | | | ● | | | | | | | | | | ● | ● | | | | | ● | ● | | | | | | | | |
| 220 | JURY ROOM | ● | | | ● | | | | ● | | | | ● | | | | | | ● | ● | | | | | ● | ● | | | | | | ● | | 11 |
| 221 | COURTROOM HOLDING | | | | | ● | | | | | ● | | | | | | | ● | | | ● | ● | | | | | | ● | | | | | | 2 |
| 222 | SIGNING & DISPOSITION | | | | | ● | | | | | ● | | | | | | | ● | | | ● | ● | | | | | | ● | | | | | | 9 |
| 223 | PRISONER TOILET | | | | | ● | | | | | ● | | | | | | | ● | | | ● | ● | | | | | | ● | | | | | | |
| 224 | INTERVIEW | | | | | ● | | | | | ● | | | | | | | ● | | | ● | ● | ● | | | | | ● | | | | | | 9 |
| 225 | INTERVIEW | ● | | | | | | | | | | ● | | | | ● | | | | | | ● | | | | | ● | | | | | | | 9 |
| 226 | TOILET | | | ● | | | | | | | | ● | | | | ● | | | | | | ● | | | | | ● | | | | | | | |
| 227 | TOILET | | | ● | | | | | | | | ● | | | | ● | | | | | | ● | | | | | ● | | | | | | | |
| 228 | WOMEN'S TOILET | | | ● | | | | | | | | ● | | | | ● | ● | | | | | ● | | | | | ● | | | | | | ● | 13 |
| 229 | MEN'S TOILET | | | ● | | | | | | | | ● | | | | ● | ● | | | | | ● | | | | | ● | | | | | | ● | 13 |
| 230 | DISPOSITION ROOM | ● | | | | | | | | | | ● | | | | ● | | | | | | ● | | | | | ● | | | | | | | 9 |
| 231 | STAFF OFFICE | ● | | | | | | | | | | ● | | | | ● | | | | | | ● | | | | | ● | | | | | | | |
| 232 | JUDGE CHAMBERS | ● | | | | | | | | | | ● | | | | ● | | | | | | ● | | | | | ● | | | | | | ● | |
| 233 | CLOSET | ● | | | | | | | | | | ● | | | | ● | | | | | | ● | | | | | ● | | | | | | ● | |
| 234 | TOILET | | | ● | | | | | | | | ● | | | | ● | | | | | | ● | | | | | ● | | | | | | | |
| 235 | STAFF CONFERENCE RM. | ● | | | | | | | | | | ● | | | | ● | | | | | | ● | | | | | ● | | | | | | | |
| 236 | STAFF CORRIDORS | ● | | | | | | | | | | ● | | | | ● | | | | | | ● | | | | | ● | | | | | | ● | 5 - 9 |
| 237 | SECOND FL. MECH. RM. | | | | | | ● | | | | | | ● | | | | | | ● | | | | | | ● | | | | | | | | ● | 14 |
| 238 | VENDING | | ● | | | | | | | | | ● | | | | ● | | | | | | ● | | | | | ● | | | | | | | |
| 239 | REMOTE CLERK | ● | | | | | | | | | | ● | | | | ● | | | | | | ● | | | | | ● | | | | | | | 6 - 14 |
| 240 | TEMP. OFFICE | ● | | | | | | | | | | ● | | | | ● | | | | | | ● | | | | | ● | | | | | | | |
| 241 | MARSHAL SECURITY CTR. | | | | ● | | | | | | | ● | | | | ● | | | | | | ● | | | | | ● | | | | | | | 8 - 14 |
| 242 | HOUSEKEEPING | | | ● | | | | | | | | ● | | | | ● | | | | | | ● | | | | | ● | | | | | | | |
| 243 | JUDICIAL CONF. ROOM | ● | | | | | | | | | | ● | | | | ● | | | | | | ● | | | | | ● | | | | | | ● | |
| 244 | TOILET | | | ● | | | | | | | | ● | | | | ● | | | | | | ● | | | | | ● | | | | | | | |
| 245 | TOILET | | | ● | | | | | | | | ● | | | | ● | | | | | | ● | | | | | ● | | | | | | | |
| 246 | TOILET | | | ● | | | | | | | | ● | | | | ● | | | | | | ● | | | | | ● | | | | | | | |
| 247 | TOILET | | | ● | | | | | | | | ● | | | | ● | | | | | | ● | | | | | ● | | | | | | | |
| 248 | CLOSET | ● | | | | | | | | | | ● | | | | ● | | | | | | ● | | | | | ● | | | | | | ● | |
| 249 | JUDGE CHAMBERS | ● | | | | | | | | | | ● | | | | ● | | | | | | ● | | | | | ● | | | | | | ● | |
| 250 | TECH. ROOM | | | | ● | | | | | | | ● | | | | ● | | | | | | ● | | | | | ● | | | | | | | |
| 251 | NON-JURY COURTRM. #3 | ● | | | | | | | | | | ● | | | | | | ● | ● | | | ● | | | | | ● | | | | | | ● | 7 |
| 252 | VESTIBULE | ● | | | | | | | | | | ● | | | | ● | | | | | | ● | | | | | ● | | | | | | | |
| 253 | VESTIBULE | ● | | | | | | | | | | ● | | | | ● | | | | | | ● | | | | | ● | | | | | | | 8 |
| 254 | HOUSEKEEPING | | | ● | | | | | | | | ● | | | | ● | | | | | | ● | | | | | ● | | | | | | | |
| 255 | INTERVIEW | ● | | | | | | | | | | ● | | | | ● | | | | | | ● | | | | | ● | | | | | | | 9 |
| 256 | INTERVIEW | | | | | | ● | | | | | | ● | | | | | | ● | | | | | | ● | | | | | | ● | | | 9 |
| 257 | PRISONER TOILET | | | | | | ● | | | | | | ● | | | | | | ● | | | | | | ● | | | | | | ● | | | |
| 258 | COURTROOM HOLDING | | | | | | ● | | | | | | ● | | | | | | ● | | | | | | ● | | | | | | ● | | | 2 |

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NORTH PEAK ARCHITECTURE
Mark G. Carter • Architect •
P.O. Box 338 - Lyman, Maine 04002 Maine Licensed Architect

LICENSED ARCHITECT
MARK G. CARTER
No. 1913
STATE OF MAINE

# Hancock Judicial Center

45 Merrill Lane - Ellsworth, Maine

Date: 01 MAY 2026

Scale: 1/4"=1'-0" (0 1' 2' 4')

Sheet Title: Finish Schedule Second Floor & Stairs & Elev.

Sheet # A20

## DOOR TYPES

SEE SCHEDULE FOR FIRE RATED DOORS

## DOOR SCHEDULE NOTES

1. COURTROOM GATES - SEE CASEWORK DETAILS & SPEICIFICATIONS
2. CLERK'S WORK AREA & REMOTE CLERK SERVICE WINDOWS - SEE CASEWORK DETAILS
3. CLERK'S OFFICE VIEW WINDOWS - SEE CASEWORK DETAILS
4. SCREENING AREA GLASS PARTITION - SEE CASEWORK DETAILS
5. PEEP HOLES INDICATE TWO EACH DOOR - ONE AT STANDING HEIGHT AND ONE AT ADA SEATED HEIGHT.
6. ADA LEVER HANDLES, EXIT DEVICES, & PUSH PULLS FOR DOOR HARDWARE

# DOOR SCHEDULE

### GROUND FLOOR

| DOOR # | DOOR SIZE (1 3/4" THICKNESS) | FIRE RATING LABEL | DOOR TYPE | FRAME TYPE | FRAME DETAIL | WALL THICKNESS | ELEC. STRIKE | MAG.HOLDER | PEEP HOLES | AUTO OPENER | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 001 | 3'-0" x 7'-0" | | B | HM-01 | 2 | | ● | | | | |
| 002 | 3'-0" x 7'-0" | 60 MIN. | E | HM-02 | 7 | 7 1/4" | | | | | |
| 003 | 3'-0" x 7'-0" | | D | HM-02 | 7 | 7 1/4" | ● | | | | |
| 004 | 3'-0" x 7'-0" | | D | HM-02 | 7 | 7 1/4" | | | | | |
| 005 | 3'-0" x 7'-0" | 60 MIN. | E | HM-02 | 7 | 7 1/4" | ● | | | | |
| 006 | 3'-0" x 7'-0" | | B | HM-01 | 3 | | ● | | | | |
| 007 | 3'-0" x 7'-0" | | E | HM-02 | 7 | 7 1/4" | ● | | | | |
| 008 | 3'-0" x 7'-0" | | D | HM-02 | 7 | 7 1/4" | ● | | | | |
| 009 | 3'-0" x 7'-0" | | D | HM-02 | 7 | 7 1/4" | ● | | | | |
| 010 | 3'-0" x 7'-0" | | D | HM-02 | 6 | 4 7/8" | | | | | |
| 011 | 3'-0" x 7'-0" | | D | HM-02 | 7 | 7 1/4" | ● | | | | |
| 012 | 3'-0" x 7'-0" | | D | HM-02 | 6 | 4 7/8" | | | | | |
| 013 | 3'-0" x 7'-0" | | D | HM-02 | 7 | 7 1/4" | | | | | |
| 014 | 3'-0" x 7'-0" | | D | HM-02 | 7 | 7 1/4" | ● | | | | |
| 015 | 3'-0" x 7'-0" | | D | HM-02 | 7 | 7 1/4" | ● | | | | |
| 016 | 3'-6" x 7'-0" | | D | HM-02 | 7 | 7 1/4" | ● | | | | |
| 017 | 3'-6" x 7'-0" | | D | HM-02 | 7 | 7 1/4" | ● | | | | |
| 018 | 3'-6" x 7'-0" | | D | HM-02 | 7 | 7 1/4" | ● | | | | |
| 019 | 3'-6" x 7'-0" | 60 MIN. | E | HM-02 | 7 | 7 1/4" | ● | | | | |
| 020 | 3'-0" x 7'-0" | 60 MIN. | D | HM-02 | 7 | 7 1/4" | ● | | | | |
| 021 | 3'-6" x 7'-0" | | B | HM-01 | 3 | | ● | | | | |
| 022 | 3'-0" x 7'-0" | 60 MIN. | FF | HM-04 | 4 | 7 5/8" | ● | | | | |
| 023 | 3'-0" x 7'-0" | | FF | HM-04 | 4 | 7 5/8" | | | | | |
| 024 | 3'-0" x 7'-0" | | FF | HM-04 | 4 | 7 5/8" | | | | | |
| 025 | 3'-0" x 7'-0" | | FF | HM-04 | 4 | 7 5/8" | | | | | |
| 026 | 3'-0" x 7'-0" | | FF | HM-04 | 4 | 7 5/8" | | | | | |
| 027 | 3'-0" x 7'-0" | | FF | HM-04 | 4 | 7 5/8" | | | | | |
| 028 | 3'-0" x 7'-0" | | FF | HM-04 | 4 | 7 5/8" | | | | | |
| 029 | 3'-0" x 7'-0" | | F | HM-04 | 4 | 7 5/8" | | | | | |
| 030 | 3'-0" x 7'-0" | 60 MIN. | FF | HM-04 | 4 | 7 5/8" | ● | | | | |
| 031 | 3'-0" x 7'-0" | | F | HM-04 | 4 | 7 5/8" | | | | | |
| 032 | 3'-0" x 7'-0" | | FF | HM-05 | 4 | 7 5/8" | | | | | |
| 033 | 3'-0" x 7'-0" | | FF | HM-04 | 4 | 7 5/8" | | | | | |
| 034 | 3'-0" x 7'-0" | 60 MIN. | FF | HM-04 | 4 | 7 5/8" | ● | | | | |
| 035 | 3'-0" x 7'-0" | 60 MIN. | F | HM-04 | 4 | 7 5/8" | ● | | ● | | |
| 036 | 3'-0" x 7'-0" | | B | HM-01 | 2 | | ● | | ● | | |
| 037 | 3'-0" x 7'-0" | | D | HM-02 | 7 | 7 1/4" | ● | | | | |

### FIRST FLOOR

| DOOR # | DOOR SIZE (1 3/4" THICKNESS) | FIRE RATING LABEL | DOOR TYPE | FRAME TYPE | FRAME DETAIL | WALL THICKNESS | ELEC. STRIKE | MAG.HOLDER | PEEP HOLES | AUTO OPENER | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 101 | 3'-0" x 7'-0" | | A | ALUM. | 1 | | ● | | | | |
| 102 | 3'-4" x 7'-0" | | A | ALUM. | 1 | | | | | ● | |
| 103 | 3'-4" x 7'-0" | | A | ALUM. | 1 | | | | | ● | |
| 104 | 3'-4" x 7'-0" | | A | ALUM. | 1 | | | | | ● | |
| 105 | 3'-4" x 7'-0" | | A | ALUM. | 1 | | | | | | |
| 106 | 3'-4" x 7'-0" | | A | ALUM. | 1 | | | | | | |
| 107 | 3'-4" x 7'-0" | | A | ALUM. | 1 | | | | | ● | |
| 108 | 3'-4" x 7'-0" | | A | ALUM. | 1 | | ● | | | ● | |
| 109 | 3'-4" x 7'-0" | | A | ALUM. | 1 | | ● | | | | |
| 110 | 3'-0" x 7'-0" | | K | WD-01 | 11 | 7 5/8" | ● | | | | |
| 111 | 3'-6" x 7'-0" | 60 MIN. | J | HM-03 | 8 | 7 1/4" | | ● | | | |
| 112 | 3'-0" x 7'-0" | | B | HM-01 | 2 | | | | | | |
| 113 | 3'-0" x 7'-0" | | G | WD-01 | 10 | 7 1/4" | | | | | |
| 114 | 3'-0" x 7'-0" | | G | WD-01 | 10 | 7 1/4" | | | | | |
| 115 | 3'-0" x 7'-0" | | J | WD-01 | 10 | 7 1/4" | | | | | |
| 116 | 3'-0" x 7'-0" | | J | WD-05 | 10 | 7 1/4" | | | | | |
| 117 | 3'-0" x 7'-0" | | J | WD-04 | 10 | 7 1/4" | | | | | |
| 118 | 3'-0" x 7'-0" | | J | WD-04 | 10 | 7 1/4" | | | | | |

# DOOR SCHEDULE

| DOOR # | DOOR SIZE (1 3/4" THICKNESS) | FIRE RATING LABEL | DOOR TYPE | FRAME TYPE | FRAME DETAIL | WALL THICKNESS | ELEC. STRIKE | MAG.HOLDER | PEEP HOLES | AUTO OPENER | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 119 | 3'-0" x 7'-0" | | J | WD-05 | 10 | 7 1/4" | | | | | |
| 120 | 3'-0" x 7'-0" | | G | WD-01 | 10 | 7 1/4" | | | | | |
| 121 | 3'-0" x 7'-0" | | G | WD-01 | 10 | 7 1/4" | | | | | |
| 122 | 3'-0" x 7'-0" | | G | WD-01 | 10 | 7 1/4" | | | | | |
| 123 | 3'-0" x 7'-0" | 60 MIN. | G | HM-02 | 8 | 7 1/4" | ● | | | | |
| 124 | 3'-0" x 7'-0" | | G | WD-01 | 10 | 7 1/4" | | | | | |
| 125 | 3'-0" x 7'-0" | | G | WD-01 | 12 | | | | | | |
| 126 | 3'-4" x 7'-0" | | J | WD-03 | 15 | 7 1/4" | | | | | |
| 127 | 3'-4" x 7'-0" | | K | WD-01 | 12 | | | | | | |
| 128 | 3'-0" x 7'-0" | | K | WD-01 | 12-8 | | ● | | | | |
| 129 | 3'-0" x 7'-0" | | G | WD-01 | 12-8 | | ● | | ● | | |
| 130 | 3'-0" x 7'-0" | | G | WD-01 | 12-8 | | ● | | | | |
| 131 | 3'-0" x 7'-0" | | G | WD-01 | 10 | 7 1/4" | | | | | |
| 132 | 3'-0" x 7'-0" | | G | WD-01 | 10 | 7 1/4" | | | | | |
| 133 | 3'-0" x 7'-0" | | G | WD-01 | 10 | 7 1/4" | | | | | |
| 134 | 3'-0" x 7'-0" | | G | WD-01 | 10 | 7 1/4" | | | | | |
| 135 | 3'-0" x 7'-0" | | G | WD-01 | 10 | 7 1/4" | ● | | | | |
| 136 | 3'-0" x 7'-0" | 60 MIN. | J | HM-02 | 8 | 7 1/4" | | | | | |
| 137 | 3'-0" x 7'-0" | | FF | HM-04 | 5 | 7 5/8" | ● | | | | 1-WAY GLASS |
| 138 | 3'-0" x 7'-0" | 60 MIN. | FF | HM-04 | 4 | 7 5/8" | ● | | | | |
| 139 | 3'-0" x 7'-0" | | FF | HM-04 | 4 | 7 5/8" | | | | | |
| 140 | 3'-0" x 7'-0" | | FF | HM-04 | 4 | 7 5/8" | | | | | |
| 141 | 3'-0" x 7'-0" | | G | WD-01 | 10 | 7 1/4" | | | | | |
| 142 | 3'-0" x 7'-0" | | G | WD-01 | 10 | 7 1/4" | | | | | |
| 143 | 3'-0" x 7'-0" | | G | WD-01 | 10 | 7 1/4" | | | | | |
| 144 | 3'-0" x 7'-0" | | G | WD-01 | 10 | 7 1/4" | | | | | |
| 145 | 3'-0" x 7'-0" | | G | WD-01 | 10 | 7 1/4" | | | | | |
| 146 | 3'-0" x 7'-0" | | J | WD-01 | 10 | 7 1/4" | ● | | | | 1-WAY GLASS |
| 147 | 3'-0" x 7'-0" | | G | WD-01 | 10 | 7 1/4" | | | | | |
| 148 | 3'-0" x 7'-0" | | G | WD-01 | 10 | 7 1/4" | | | ● | | |
| 149 | 3'-0" x 7'-0" | | G | WD-01 | 9 | 4 7/8" | | | | | |
| 150 | 3'-0" x 7'-0" | | G | WD-01 | 9 | 4 7/8" | | | | | |
| 151 | 3'-0" x 7'-0" | | G | WD-01 | 9 | 4 7/8" | | | | | |
| 152 | 3'-0" x 7'-0" | | G | WD-01 | 9 | 4 7/8" | | | | | |
| 153 | 3'-0" x 7'-0" | | G | WD-01 | 10 | 7 1/4" | | | ● | | |
| 154 | 3'-0" x 7'-0" | | H | WD-01 | 10 | 7 1/4" | ● | | | | |
| 155 | 3'-0" x 7'-0" | | G | WD-06 | 10 | 7 1/4" | | | | | |
| 156 | 3'-0" x 7'-0" | | J | WD-01 | 10 | 7 1/4" | ● | | | | 1-WAY GLASS |
| 157 | 3'-0" x 7'-0" | | H | WD-01 | 10 | 7 1/4" | | | | | |
| 158 | 3'-0" x 7'-0" | | H | WD-01 | 10 | 7 1/4" | ● | | | | |
| 159 | 3'-0" x 7'-0" | | J | WD-01 | 10 | 7 1/4" | ● | | | | |
| 160 | 3'-0" x 7'-0" | | J | WD-01 | 10 | 7 1/4" | ● | | | | |
| 161 | 3'-0" x 7'-0" | | J | WD-01 | 10 | 7 1/4" | ● | | | | 1-WAY GLASS |
| 162 | 3'-0" x 7'-0" | | G | WD-01 | 10 | 7 1/4" | ● | | | | |
| 163 | 3'-0" x 7'-0" | | G | WD-01 | 10 | 7 1/4" | | | | | |
| 164 | 3'-0" x 7'-0" | | FF | HM-04 | 4 | 7 5/8" | | | | | |
| 165 | 3'-0" x 7'-0" | | FF | HM-04 | 4 | 7 5/8" | | | | | |
| 166 | 3'-0" x 7'-0" | 60 MIN. | FF | HM-04 | 4 | 7 5/8" | ● | | | | |
| 167 | 3'-0" x 7'-0" | | FF | HM-04 | 5 | 7 5/8" | ● | | | | 1-WAY GLASS |
| 168 | 3'-0" x 7'-0" | | G | WD-01 | 10-8 | 9 1/4" | | | | | |
| 169 | 3'-0" x 7'-0" | | H | WD-01 | 10 | 7 1/4" | | | | | |
| 170 | 3'-0" x 7'-0" | | G | WD-01 | 9 | 4 7/8" | | | | | |
| 171 | 3'-0" x 7'-0" | | G | WD-01 | 9 | 4 7/8" | | | | | |
| 172 | 3'-0" x 7'-0" | | G | WD-01 | 9 | 4 7/8" | | | | | |
| 173 | 3'-0" x 7'-0" | | G | WD-01 | 9 | 4 7/8" | | | | | |
| 174 | 3'-0" x 7'-0" | | G | WD-01 | 9 | 4 7/8" | | | | | |
| 175 | 3'-0" x 7'-0" | | G | WD-01 | 10 | 7 1/4" | | | ● | | |
| 176 | 3'-0" x 7'-0" | | B | HM-01 | 2 | | | | | | |
| 177 | 3'-0" x 7'-0" | 60 MIN. | J | HM-02 | 8 | 7 1/4" | | | | | |
| 178 | 3'-0" x 7'-0" | | G | WD-01 | 10 | 7 1/4" | ● | | | | |
| 179 | 3'-0" x 7'-0" | | G | WD-01 | 12-8 | | ● | | ● | | |
| 180 | 3'-0" x 7'-0" | | K | WD-01 | 12 | | ● | | | | |
| 181 | 3'-4" x 7'-0" | | J | WD-02 | 15 | 7 1/4" | | | | | |
| 182 | 3'-4" x 7'-0" | | K | WD-01 | 12 | | | | | | |
| 183 | 3'-0" x 7'-0" | | G | WD-01 | 12 | | | | | | |
| 184 | 3'-0" x 7'-0" | | G | WD-01 | 10 | | | | | | |

# DOOR SCHEDULE

### SECOND FLOOR

| DOOR # | DOOR SIZE (1 3/4" THICKNESS) | LABEL | DOOR TYPE | FRAME TYPE | FRAME DETAIL | WALL THICKNESS | ELEC. STRIKE | MAG.HOLDER | PEEP HOLES | AUTO OPENER | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 201 | 3'-0" x 7'-0" | | J | WD-01 | 10 | 7 1/4" | | | | | |
| 202 | 3'-6" x 7'-0" | 60 MIN. | J | HM-03 | 8 | 7 1/4" | | ● | | | |
| 203 | 3'-0" x 7'-0" | | J | WD-05 | 10 | 7 1/4" | | | | | |
| 204 | 3'-0" x 7'-0" | | G | WD-01 | 10 | 7 1/4" | | | | | |
| 205 | 3'-0" x 7'-0" | | G | WD-01 | 10 | 7 1/4" | | | | | |
| 206 | 3'-0" x 7'-0" | | J | WD-01 | 10 | 7 1/4" | | | | | |
| 207 | 3'-0" x 7'-0" | | J | WD-05 | 10 | 7 1/4" | | | | | |
| 208 | 3'-0" x 7'-0" | | J | WD-04 | 10 | 7 1/4" | | | | | |
| 209 | 3'-0" x 7'-0" | | J | WD-04 | 10 | 7 1/4" | | | | | |
| 210 | 3'-0" x 7'-0" | | J | WD-05 | 10 | 7 1/4" | | | | | |
| 211 | 3'-0" x 7'-0" | | G | WD-01 | 10 | 7 1/4" | ● | | | | |
| 212 | 3'-0" x 7'-0" | | G | WD-01 | 10 | 7 1/4" | | | | | |
| 213 | 3'-0" x 7'-0" | 60 MIN. | G | HM-02 | 8 | 7 1/4" | ● | | | | |
| 214 | 3'-0" x 7'-0" | | G | WD-01 | 10 | 7 1/4" | | | | | |
| 215 | 3'-0" x 7'-0" | | G | WD-01 | 12 | | | | | | |
| 216 | 3'-4" x 7'-0" | | K | WD-01 | 12 | | | | | | |
| 217 | 3'-4" x 7'-0" | | J | WD-03 | 15 | 7 1/4" | | | | | |
| 218 | 3'-0" x 7'-0" | | K | WD-01 | 12-8 | | ● | | | | |
| 219 | 3'-0" x 7'-0" | | G | WD-01 | 12-8 | | ● | | ● | | |
| 220 | 3'-0" x 7'-0" | | G | WD-01 | 12-8 | | ● | | | | |
| 221 | 3'-0" x 7'-0" | | G | WD-01 | 10 | 7 1/4" | | | | | |
| 222 | 3'-0" x 7'-0" | | G | WD-01 | 10 | 7 1/4" | | | | | |
| 223 | 3'-0" x 7'-0" | | G | WD-01 | 10 | 7 1/4" | | | | | |
| 224 | 3'-0" x 7'-0" | | G | WD-01 | 10 | 7 1/4" | | | | | |
| 225 | 3'-0" x 7'-0" | | G | WD-01 | 10 | 7 1/4" | ● | | | | |
| 226 | 3'-0" x 7'-0" | 60 MIN. | J | HM-02 | 8 | 7 1/4" | | | | | |
| 227 | 3'-0" x 7'-0" | | G | WD-01 | 10 | 7 1/4" | | | ● | | |
| 228 | 3'-0" x 7'-0" | | G | WD-01 | 9 | 4 7/8" | | | | | |
| 229 | 3'-0" x 7'-0" | | G | WD-01 | 9 | 4 7/8" | | | | | |
| 230 | 3'-0" x 7'-0" | | H | WD-01 | 10 | 7 1/4" | | | | | |
| 231 | 3'-0" x 7'-0" | | G | WD-01 | 10 | 7 1/4" | | | | | |
| 232 | 3'-0" x 7'-0" | | J | WD-01 | 10 | 7 1/4" | ● | | | | |
| 233 | 3'-0" x 7'-0" | | G | WD-01 | 10 | 7 1/4" | ● | | | | |
| 234 | 3'-0" x 7'-0" | | FF | HM-04 | 5 | 7 5/8" | ● | | | | 1-WAY GLASS |
| 235 | 3'-0" x 7'-0" | 60 MIN. | FF | HM-04 | 4 | 7 5/8" | ● | | | | |
| 236 | 3'-0" x 7'-0" | 60 MIN. | FF | HM-04 | 4 | 7 5/8" | ● | | | | |
| 237 | 3'-0" x 7'-0" | | FF | HM-04 | 4 | 7 5/8" | | | | | |
| 238 | 3'-0" x 7'-0" | | FF | HM-04 | 4 | 7 5/8" | | | | | |
| 239 | 3'-0" x 7'-0" | | G | WD-01 | 10 | 7 1/4" | | | | | |
| 240 | 3'-0" x 7'-0" | | G | WD-01 | 10 | 7 1/4" | | | | | |
| 241 | 3'-0" x 7'-0" | | G | WD-01 | 10 | 7 1/4" | | | | | |
| 242 | 3'-0" x 7'-0" | | G | WD-01 | 10 | 7 1/4" | | | | | |
| 243 | 3'-0" x 7'-0" | | G | WD-01 | 10 | 7 1/4" | | | | | |
| 244 | 3'-6" x 7'-0" | 60 MIN. | G | HM-03 | 8 | 7 1/4" | ● | | | | |
| 245 | 3'-6" x 7'-0" | 60 MIN. | G | HM-03 | 8 | 7 1/4" | ● | | | | |
| 246 | 3'-0" x 7'-0" | | J | WD-01 | 10 | 7 1/4" | | | | | |
| 247 | 3'-0" x 7'-0" | | G | WD-01 | 10 | 7 1/4" | ● | | | | |
| 248 | 3'-0" x 7'-0" | | G | WD-01 | 10 | 7 1/4" | ● | | | | |
| 249 | 3'-0" x 7'-0" | | G | WD-01 | 10 | 7 1/4" | | | | | |
| 250 | 3'-0" x 7'-0" | | J | WD-01 | 10 | 7 1/4" | ● | | | | |
| 251 | 3'-0" x 7'-0" | | J | WD-01 | 10 | 7 1/4" | ● | | | | 1-WAY GLASS |
| 252 | 3'-0" x 7'-0" | | G | WD-01 | 10 | 7 1/4" | ● | | | | |
| 253 | 3'-0" x 7'-0" | | G | WD-01 | 10 | 7 1/4" | | | | | |
| 254 | 3'-0" x 7'-0" | | FF | HM-04 | 4 | 7 5/8" | | | | | |
| 255 | 3'-0" x 7'-0" | | FF | HM-04 | 4 | 7 5/8" | | | | | |
| 256 | 3'-0" x 7'-0" | 60 MIN. | FF | HM-04 | 4 | 7 5/8" | ● | | | | |
| 257 | 3'-0" x 7'-0" | | FF | HM-04 | 5 | 7 5/8" | ● | | | | 1-WAY GLASS |
| 258 | 3'-0" x 7'-0" | | G | WD-01 | 10-8 | 9 1/4" | | | | | |
| 259 | 3'-0" x 7'-0" | | G | WD-01 | 9 | 4 7/8" | | | | | |
| 260 | 3'-0" x 7'-0" | | G | WD-01 | 9 | 4 7/8" | | | | | |
| 261 | 3'-0" x 7'-0" | | G | WD-01 | 9 | 4 7/8" | | | | | |
| 262 | 3'-0" x 7'-0" | | G | WD-01 | 9 | 4 7/8" | | | | | |
| 263 | 3'-0" x 7'-0" | | G | WD-01 | 9 | 4 7/8" | | | | | |
| 264 | 3'-0" x 7'-0" | | G | WD-01 | 10 | 7 1/4" | | | ● | | |
| 265 | 3'-0" x 7'-0" | 60 MIN. | J | HM-02 | 8 | 7 1/4" | | | | | |
| 266 | 3'-0" x 7'-0" | | G | WD-01 | 10 | 7 1/4" | ● | | | | |
| 267 | 3'-0" x 7'-0" | | G | WD-01 | 12-8 | | ● | | ● | | |
| 268 | 3'-0" x 7'-0" | | K | WD-01 | 12 | | ● | | | | |
| 269 | 3'-4" x 7'-0" | | K | WD-01 | 12 | | | | | | |
| 270 | 3'-4" x 7'-0" | | J | WD-02 | 15 | 7 1/4" | | | | | |
| 271 | 3'-0" x 7'-0" | | G | WD-01 | 12 | | | | | | |
| 272 | 3'-0" x 7'-0" | | G | WD-01 | 10 | 7 1/4" | | | | | |

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NORTH PEAK ARCHITECTURE
Mark G. Carter • Architect •
P.O. Box 338 - Lyman, Maine 04002 Maine Licensed Architect

LICENSED ARCHITECT
MARK G. CARTER
No. 1913
STATE OF MAINE

# Hancock Judicial Center

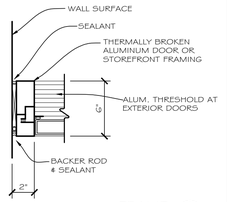
45 Merrill Lane - Ellsworth, Maine

Date: 01 MAY 2026

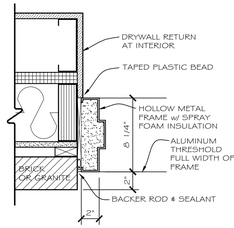
Scale: 1/4"=1'-0" (0, 1', 2', 4')

Sheet Title: Door Schedule

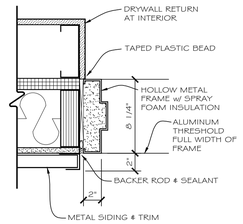
Sheet # A21




FRAME DETAIL 1



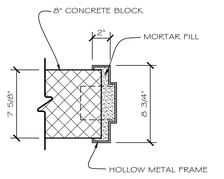

FRAME DETAIL 2



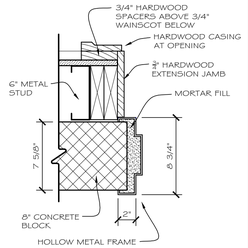

FRAME DETAIL 3

# FRAME DETAILS

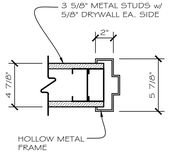
1 1/2" = 1'-0"




FRAME DETAIL 4

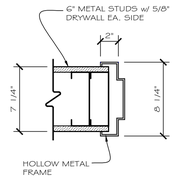



FRAME DETAIL 5



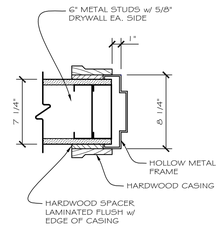

NOTE:
DOUBLE STUDS AT ALL JAMBS - TYPICAL

FRAME DETAIL 6



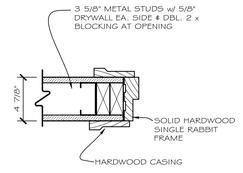

NOTE:
DOUBLE STUDS AT ALL JAMBS - TYPICAL

FRAME DETAIL 7




NOTE:
DOUBLE STUDS AT ALL JAMBS - TYPICAL

FRAME DETAIL 8

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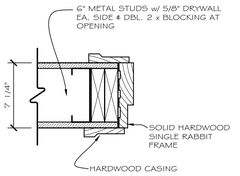
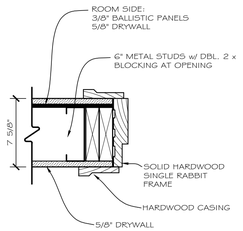


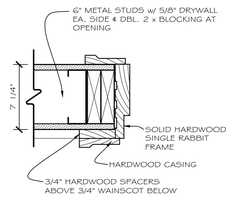

FRAME DETAIL 10

SAME EXCEPT 8" METAL STUD WALL

FRAME DETAIL 10-8



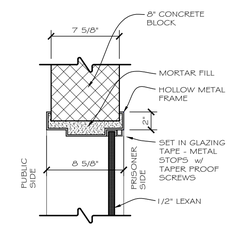

FRAME DETAIL 11



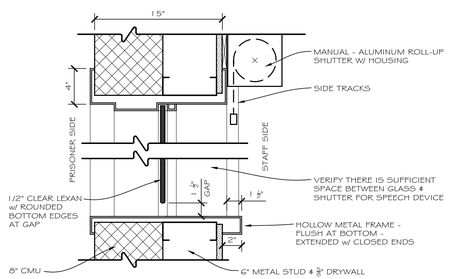

FRAME DETAIL 12

SAME EXCEPT 8" METAL STUD WALL

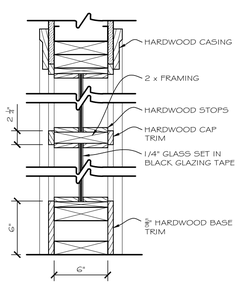
FRAME DETAIL 12-8



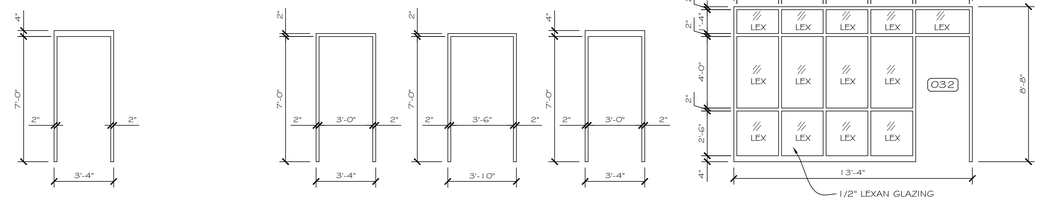

PRISONER INTERVIEW WINDOW DETAIL 13




SIGNING WINDOWS & DISPOSITION WINDOW FRAME DETAIL 14




WOOD SIDELIGHT & VIEW WINDOW DETAIL 15



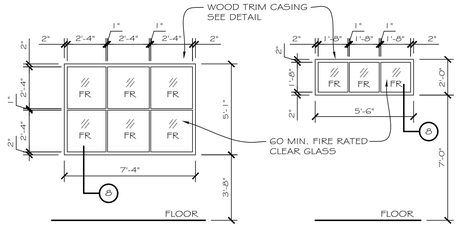

HM-01
EXTERIOR - GALVANIZED HOLLOW METAL

HM-02
INTERIOR HOLLOW METAL

HM-03
INTERIOR HOLLOW METAL

HM-04
INTERIOR HOLLOW METAL

HM-05
INTERIOR HOLLOW METAL
GROUND FLOOR PRISONER HOLDING AREA

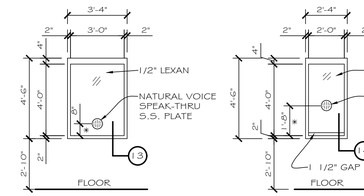



PUBLIC STAIR ST-3 VIEW WINDOW SECOND FLOOR

HM-06
INTERIOR HOLLOW METAL

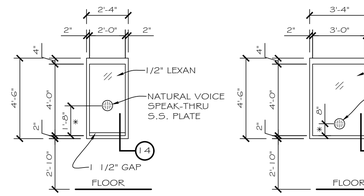
PUBLIC STAIR ST-3 VIEW WINDOW FIRST FLOOR

HM-07
INTERIOR HOLLOW METAL




PRISONER INTERVIEW WINDOWS QUANTITY OF 4

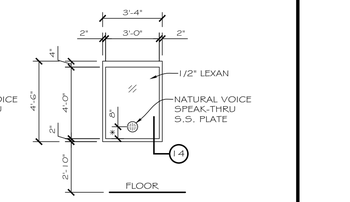
HM-08
INTERIOR HOLLOW METAL




SIGNING WINDOWS QUANTITY OF 4

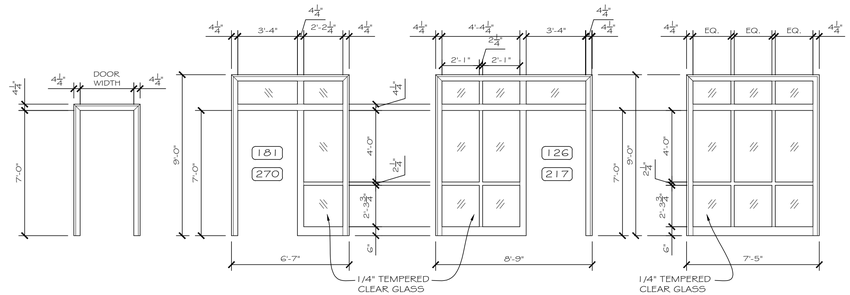
HM-09
INTERIOR HOLLOW METAL

* VERIFY HEIGHT




DISPOSITION WINDOW QUANTITY OF 1

HM-10
INTERIOR HOLLOW METAL




WD-01
INTERIOR WOOD

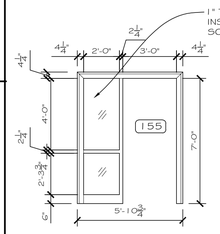
WD-02
INTERIOR WOOD

WD-03
INTERIOR WOOD

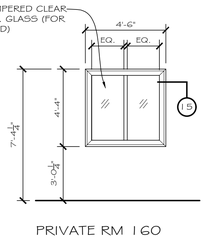
VESTIBULES 117 & 214 VIEW WINDOWS
INTERIOR WOOD

WD-04
INTERIOR WOOD

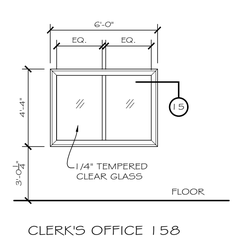
WD-05
INTERIOR WOOD



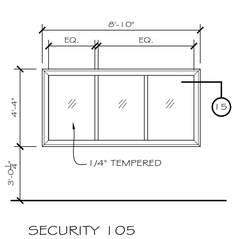

WD-06
INTERIOR WOOD



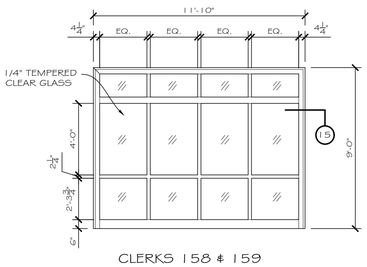

PRIVATE RM 160 SIDE VIEW WINDOW
QUANTITY OF 1
INTERIOR WOOD




CLERK'S OFFICE 158 VIEW WINDOW
QUANTITY OF 2
INTERIOR WOOD




SECURITY 105 VIEW WINDOW
QUANTITY OF 1
INTERIOR WOOD




CLERKS 158 & 159 SECURITY 241 VIEW WINDOWS
QUANTITY OF 4
INTERIOR WOOD

SOLID HARDWOOD FRAME & TRIM TYPICAL FOR ALL "WD" UNITS

SEE ALSO - TYPICAL WINDOW & DOOR CASING/TRIM DETAILS

SEE ALSO - CASEWORK DETAILS FOR ADDITIONAL GLAZED WOOD UNITS

# DOOR FRAME TYPES & INTERIOR VIEW WINDOWS

1/4" = 1'-0"

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NORTH PEAK ARCHITECTURE
Mark G. Carter • Architect •
P.O. Box 338 - Lyman, Maine 04002 Maine Licensed Architect

LICENSED ARCHITECT
MARK G. CARTER
No. 1913
STATE OF MAINE

# Hancock Judicial Center

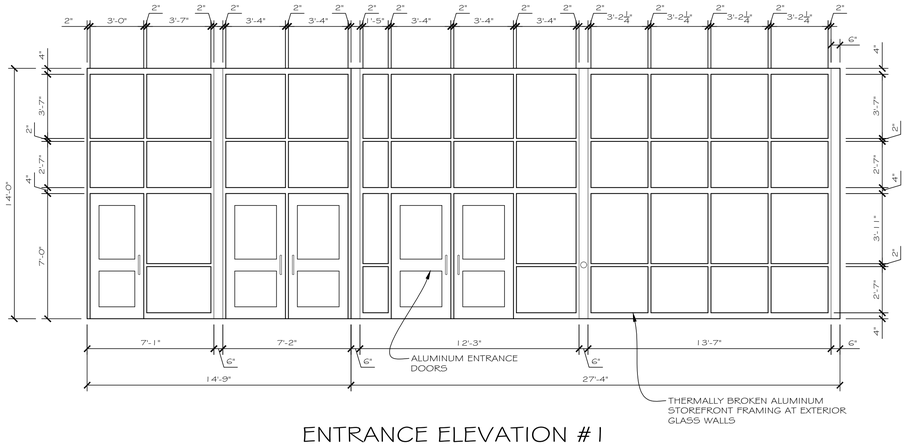
45 Merrill Lane - Ellsworth, Maine

Date: 01 MAY 2026

Scale: 1/4"=1'-0"

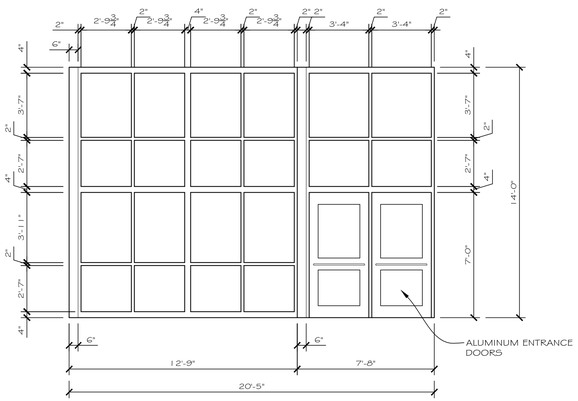
Sheet Title: Door Frame Details

Sheet # A22




## ENTRANCE ELEVATION #1

1/4" = 1'-0"



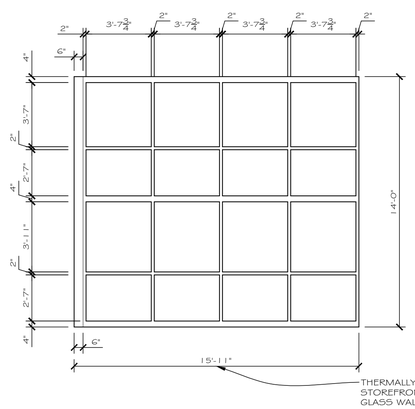

## ENTRANCE ELEVATION #2

1/4" = 1'-0"

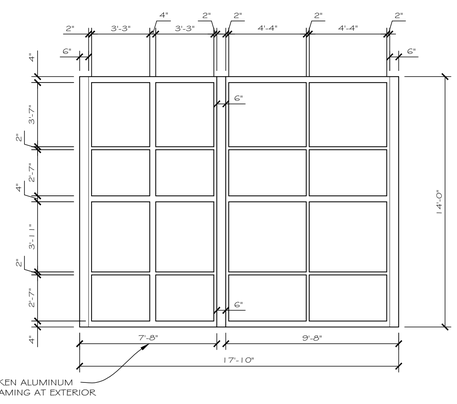
ENTRANCE GLAZING:

EXTERIOR - TRIPLE PANE TEMPERED GLASS WITH BALLISTIC FILM

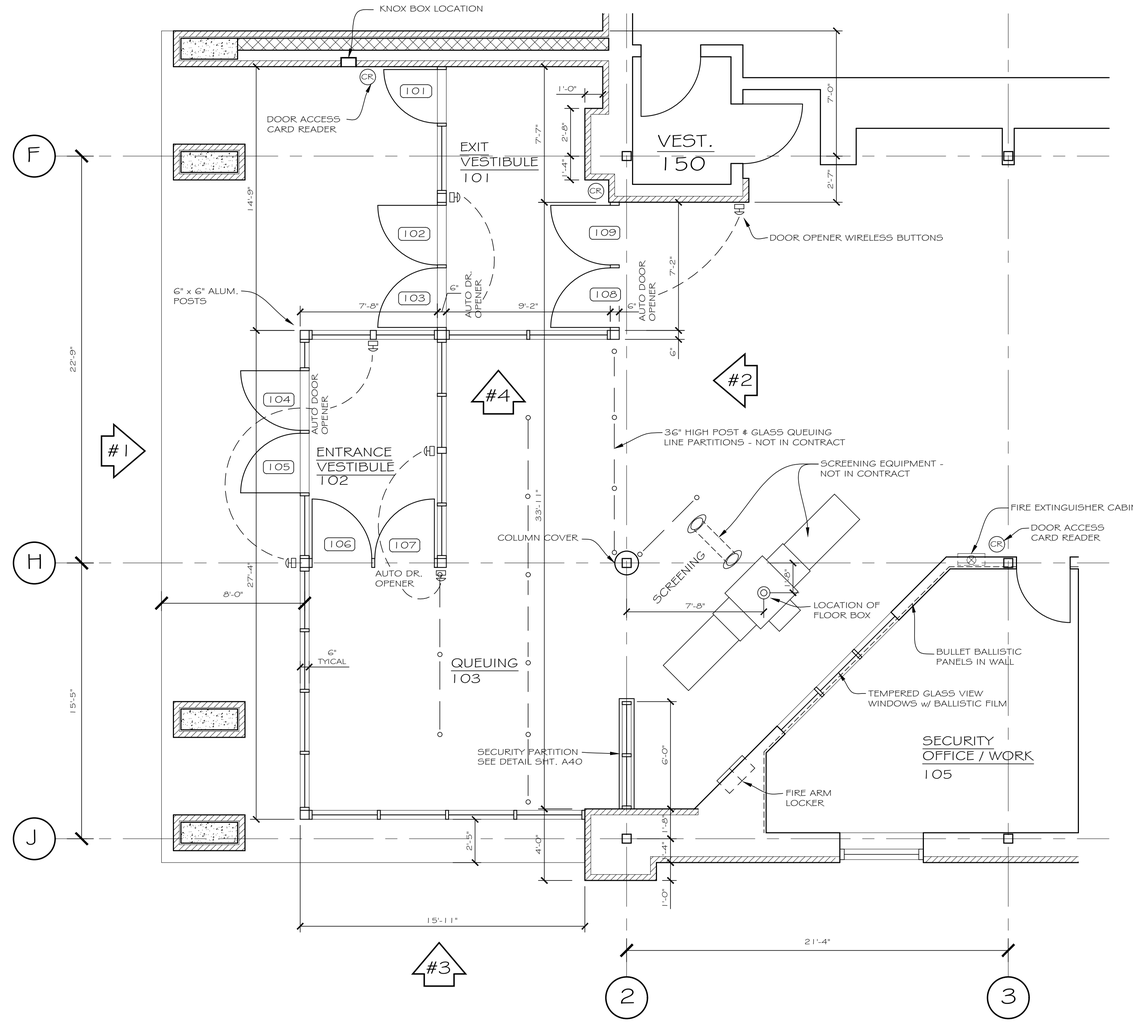
INTERIOR - SINGLE PANE 1/4" TEMPERED GLASS




## ENTRANCE ELEVATION #3




## ENTRANCE ELEVATION #4




## MAIN ENTRANCE & SCREENING AREA PLAN

1/4" = 1'-0"

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Mark G. Carter • Architect •
P.O. Box 338 - Lyman, Maine 04002 Maine Licensed Architect

LICENSED ARCHITECT
MARK G. CARTER
No. 1913
STATE OF MAINE

# Hancock Judicial Center

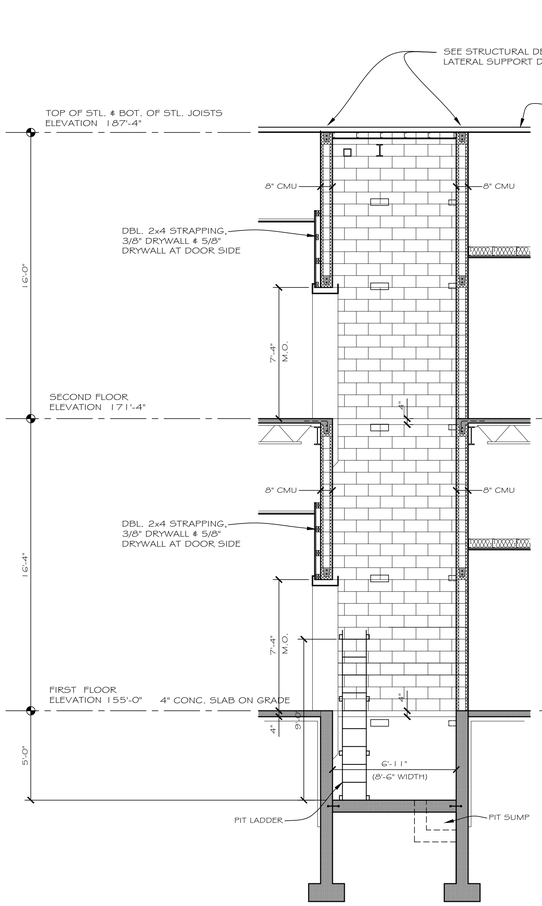
45 Merrill Lane - Ellsworth, Maine

Date: 01 MAY 2026

Scale: 1/4"=1'-0"

Sheet Title: Main Entrance Door & Frame Details

Sheet # A23



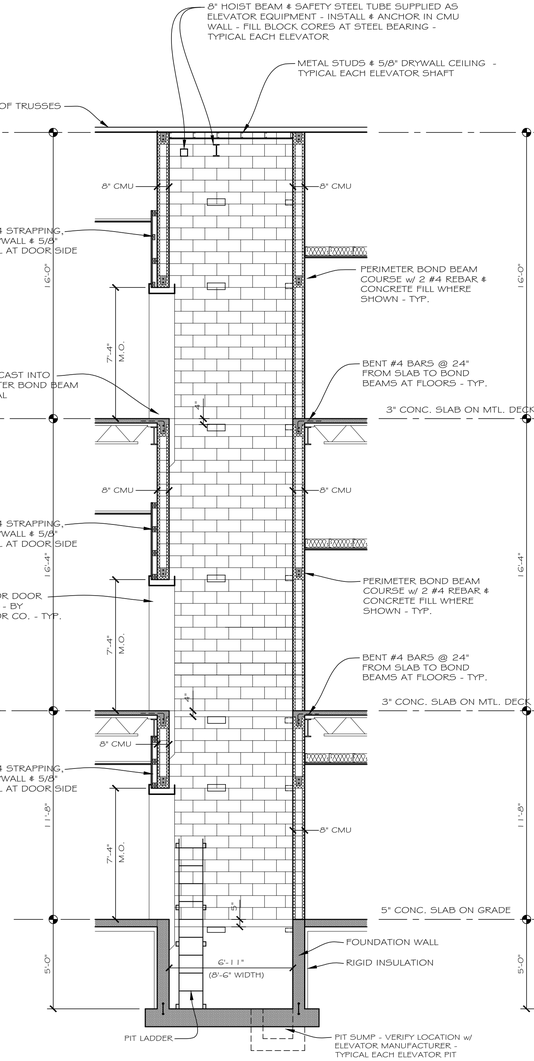

## PUBLIC ELEVATOR #4

## EL-4 SECTION

1/4" = 1'-0" 1 HOUR FIRE RATED ENCLOSURE

NOTE:

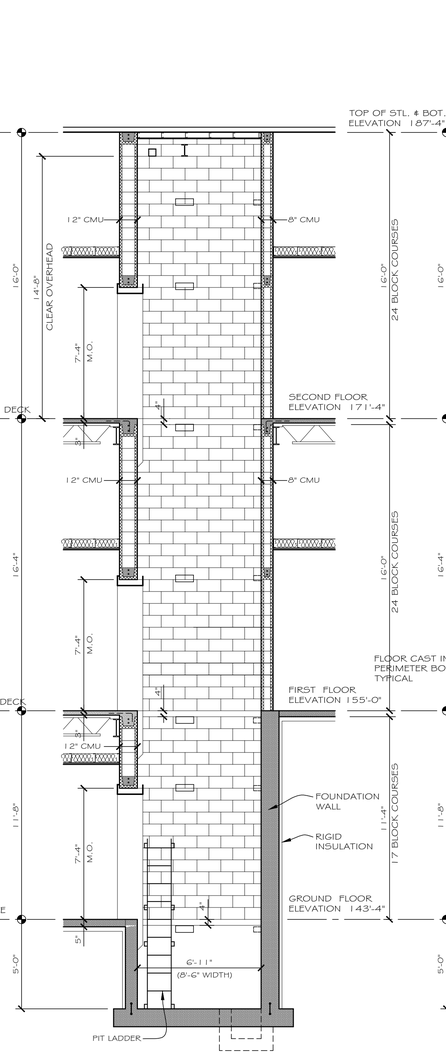
STEEL LADDER AT EACH SHAFT w/ 3" x 1/4" STEEL BAR RAILS & 3/4" REBAR WELDED RUNGS - BOLT ATTACH TO WALL w/ 8 STEEL CLIP ANGLES WELDED TO RAILS - PAINT SAFETY YELLOW - TYPICAL EACH ELEVATOR SHAFT




## STAFF ELEVATOR #3

## EL-3 SECTION

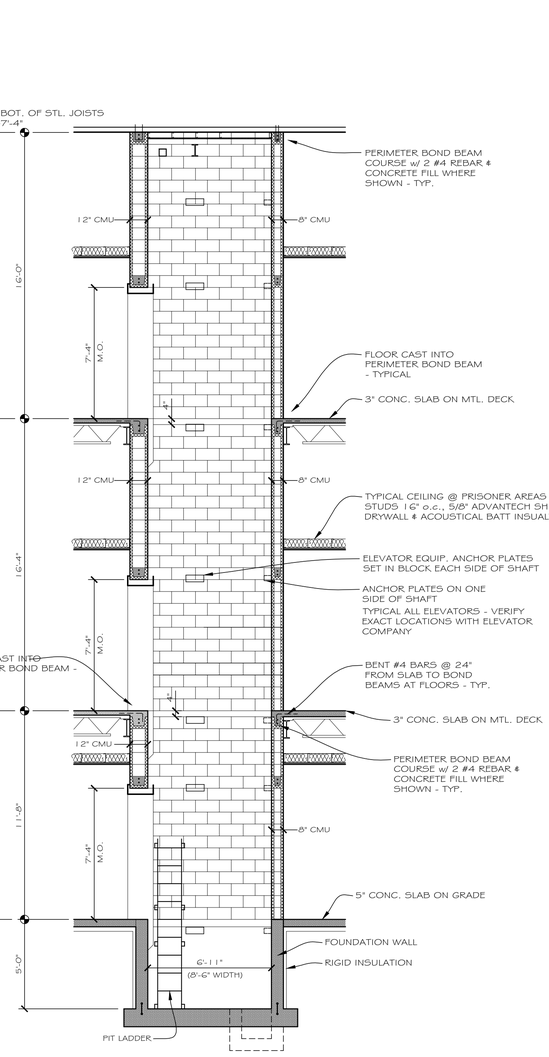
1/4" = 1'-0" 1 HOUR FIRE RATED ENCLOSURE




## PRISONER ELEVATOR #1

## EL-1 SECTION

1/4" = 1'-0" 1 HOUR FIRE RATED ENCLOSURE




## PRISONER ELEVATOR #2

## EL-2 SECTION

1/4" = 1'-0" 1 HOUR FIRE RATED ENCLOSURE

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Mark G. Carter • Architect •
P.O. Box 338 - Lyman, Maine 04002 Maine Licensed Architect

LICENSED ARCHITECT
MARK G. CARTER
No. 1913
STATE OF MAINE

# Hancock Judicial Center

45 Merrill Lane - Ellsworth, Maine

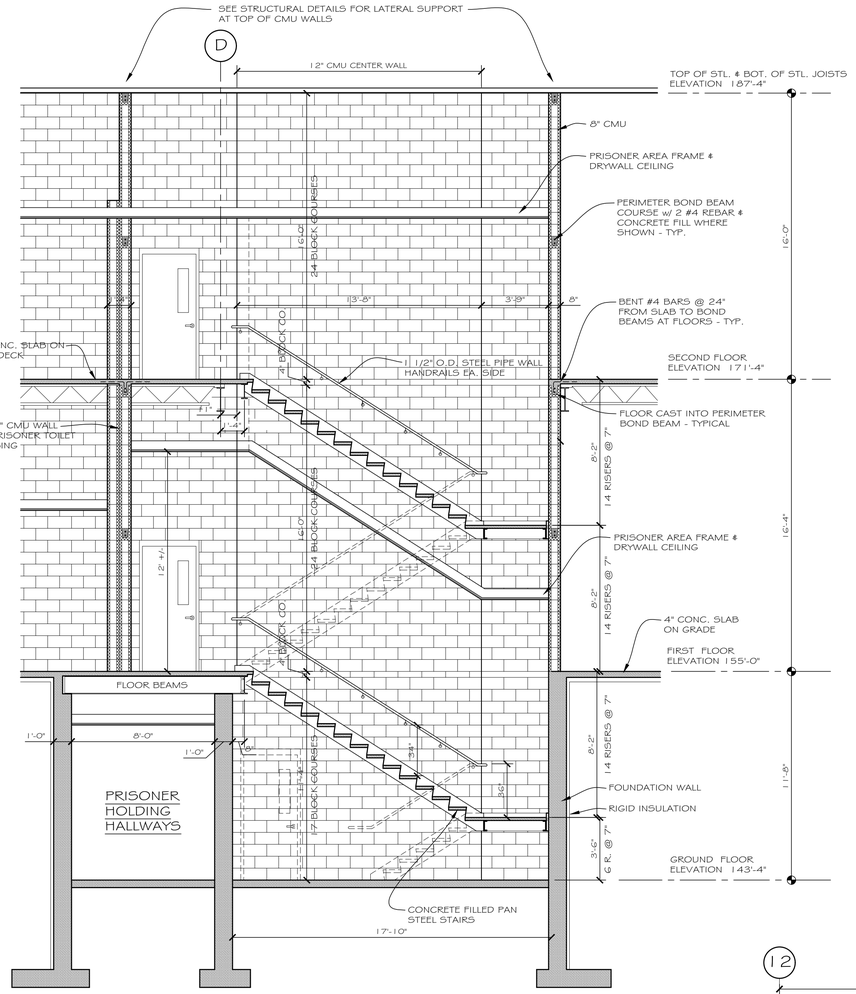
Date: 01 MAY 2026

Scale: 1/4"=1'-0"

0 1' 2' 4'

Sheet Title: Elevator Details

Sheet # A24

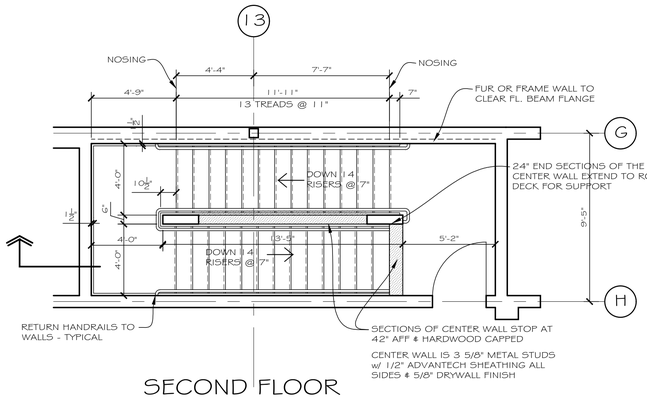



## PRISONER STAIR #1 SECTION

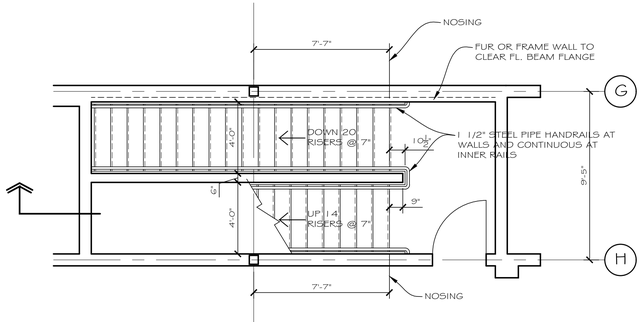
1/4" = 1'-0" 1 HOUR FIRE RATED ENCLOSURE

PRISONER STAIR #2 IS SIMILAR EXCEPT MIRROR IMAGE

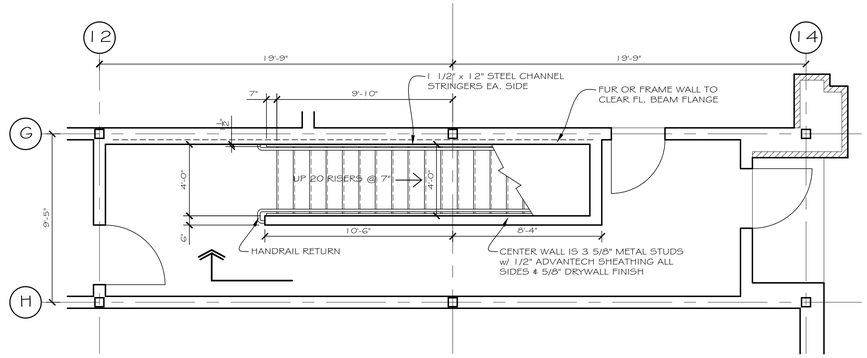
SEE ALSO STAIR PLAN DETAILS ON HOLDING AREA DETAIL PLAN SHEETS




## SECOND FLOOR



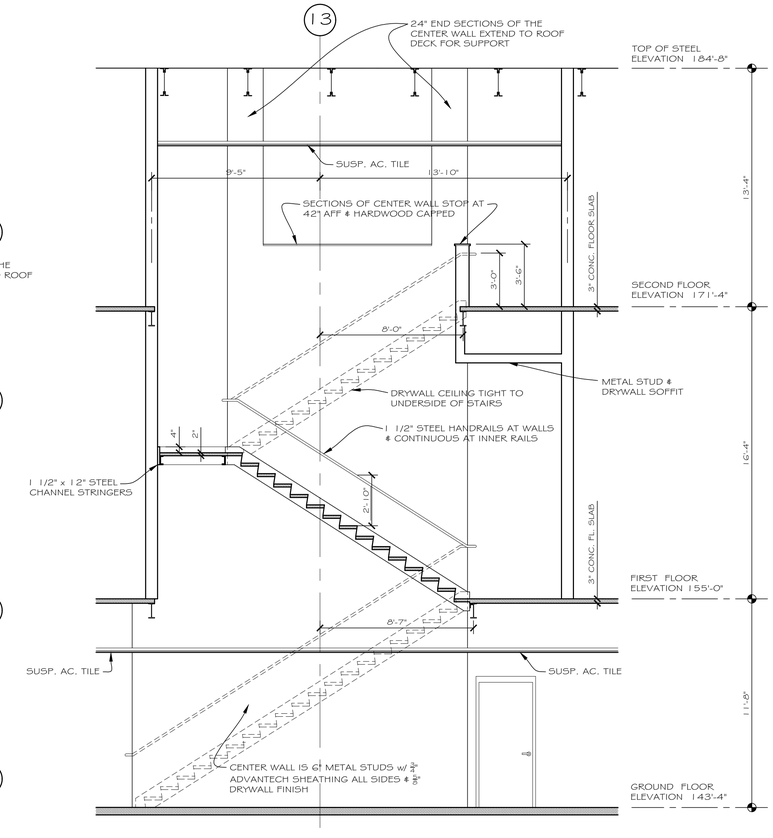

## FIRST FLOOR




## GROUND FLOOR

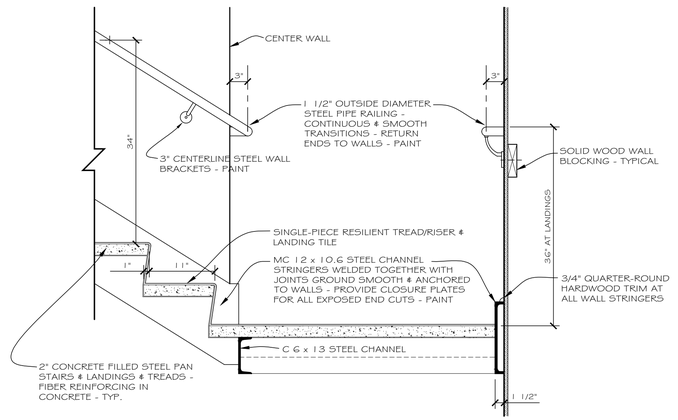
## EXIT STAIR ST-6 PLANS

1/4" = 1'-0" 1 HOUR FIRE RATED ENCLOSURE




## EXIT STAIR ST-6 SECTION

1/4" = 1'-0" 1 HOUR FIRE RATED ENCLOSURE




## EXIT STAIR ST-6 DETAIL

1" = 1'-0"

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Mark G. Carter • Architect •
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No. 1913
STATE OF MAINE

# Hancock Judicial Center

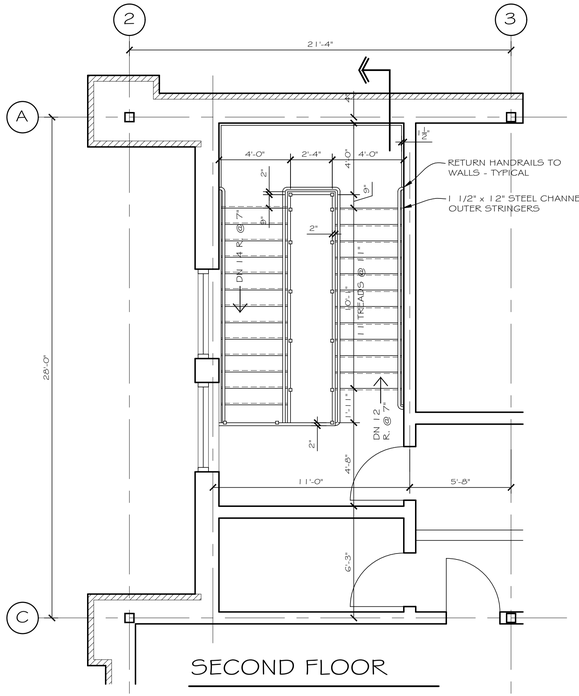
45 Merrill Lane - Ellsworth, Maine

Date: 01 MAY 2026

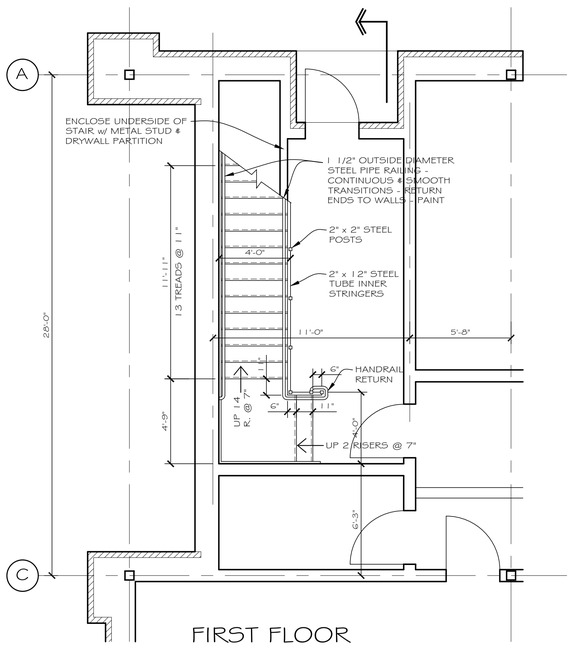
Scale: 1/4"=1'-0"

Sheet Title: Stair Sections & Details

Sheet # A25



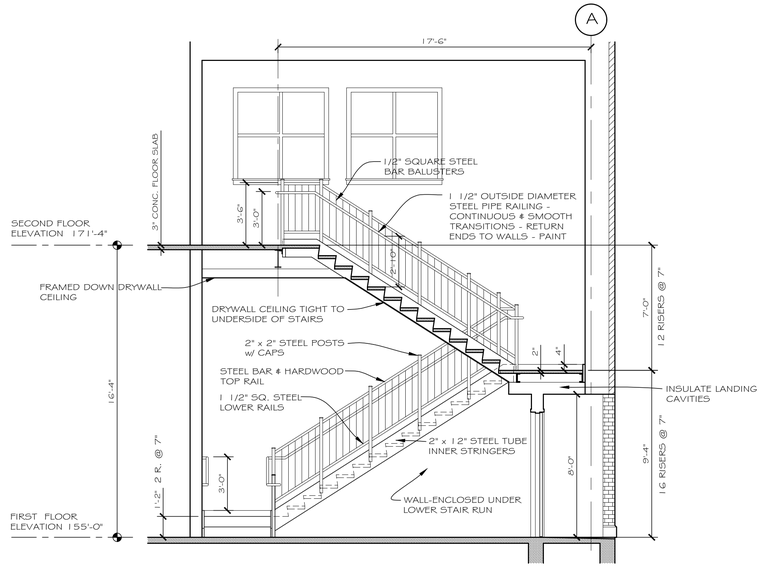

SECOND FLOOR




FIRST FLOOR

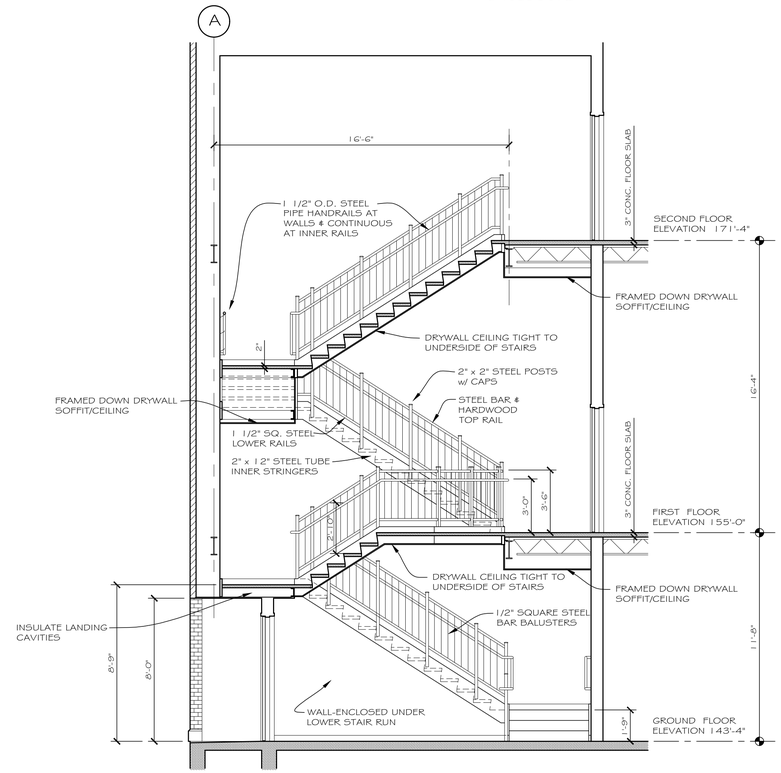
STAFF STAIR ST-4 PLANS

1/4" = 1'-0" 1 HOUR FIRE RATED ENCLOSURE



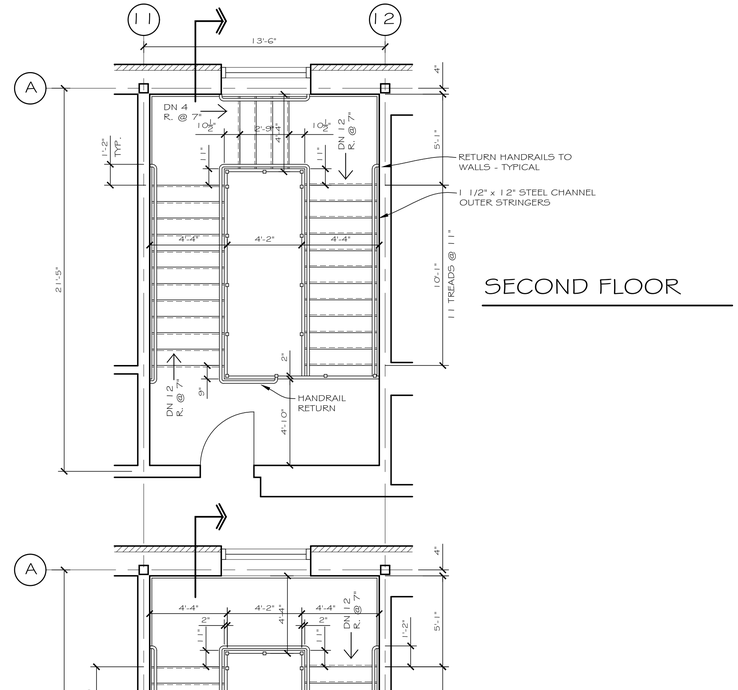

STAFF STAIR ST-4 SECTION

1/4" = 1'-0" 1 HOUR FIRE RATED ENCLOSURE

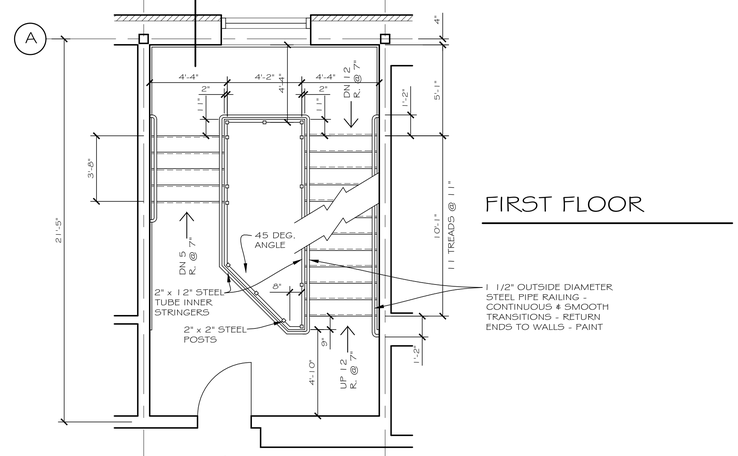



STAFF STAIR ST-5 SECTION

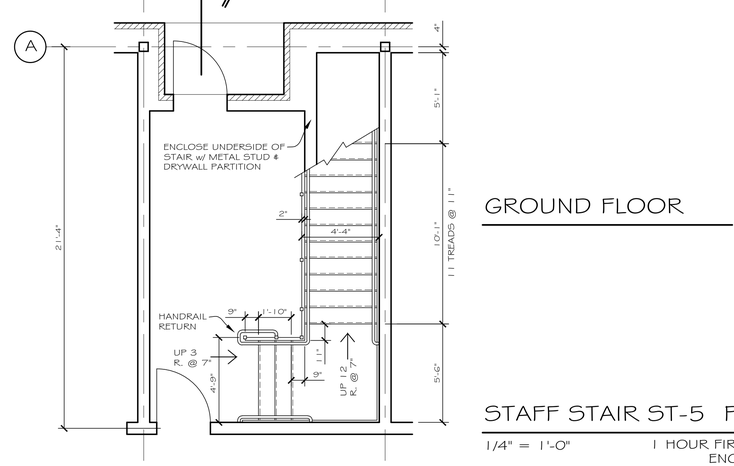
1/4" = 1'-0" 1 HOUR FIRE RATED ENCLOSURE




SECOND FLOOR




FIRST FLOOR




GROUND FLOOR

STAFF STAIR ST-5 PLANS

1/4" = 1'-0" 1 HOUR FIRE RATED ENCLOSURE

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Mark G. Carter • Architect •
P.O. Box 338 - Lyman, Maine 04002 Maine Licensed Architect

LICENSED ARCHITECT
MARK G. CARTER
No. 1913
STATE OF MAINE

# Hancock Judicial Center

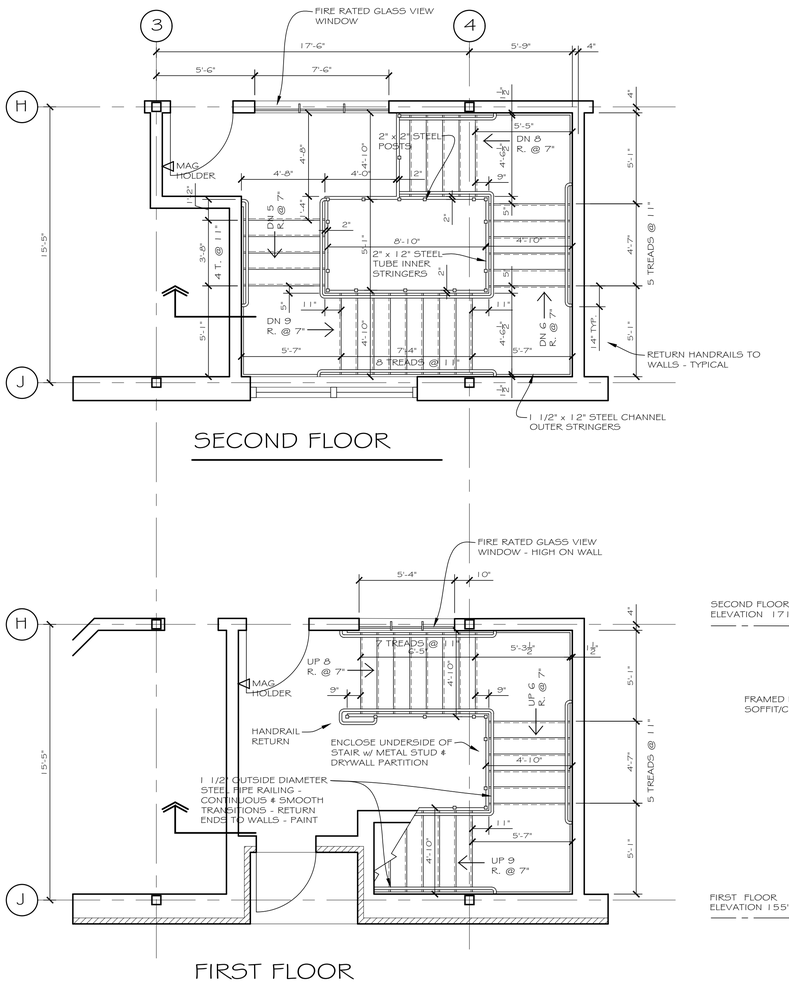
45 Merrill Lane - Ellsworth, Maine

Date: 01 MAY 2026

Scale: 1/4"=1'-0"

Sheet Title: Stair Sections & Details

Sheet # A26



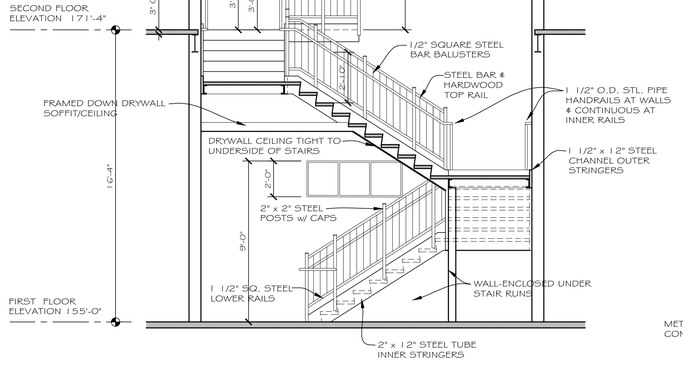

SECOND FLOOR




FIRST FLOOR

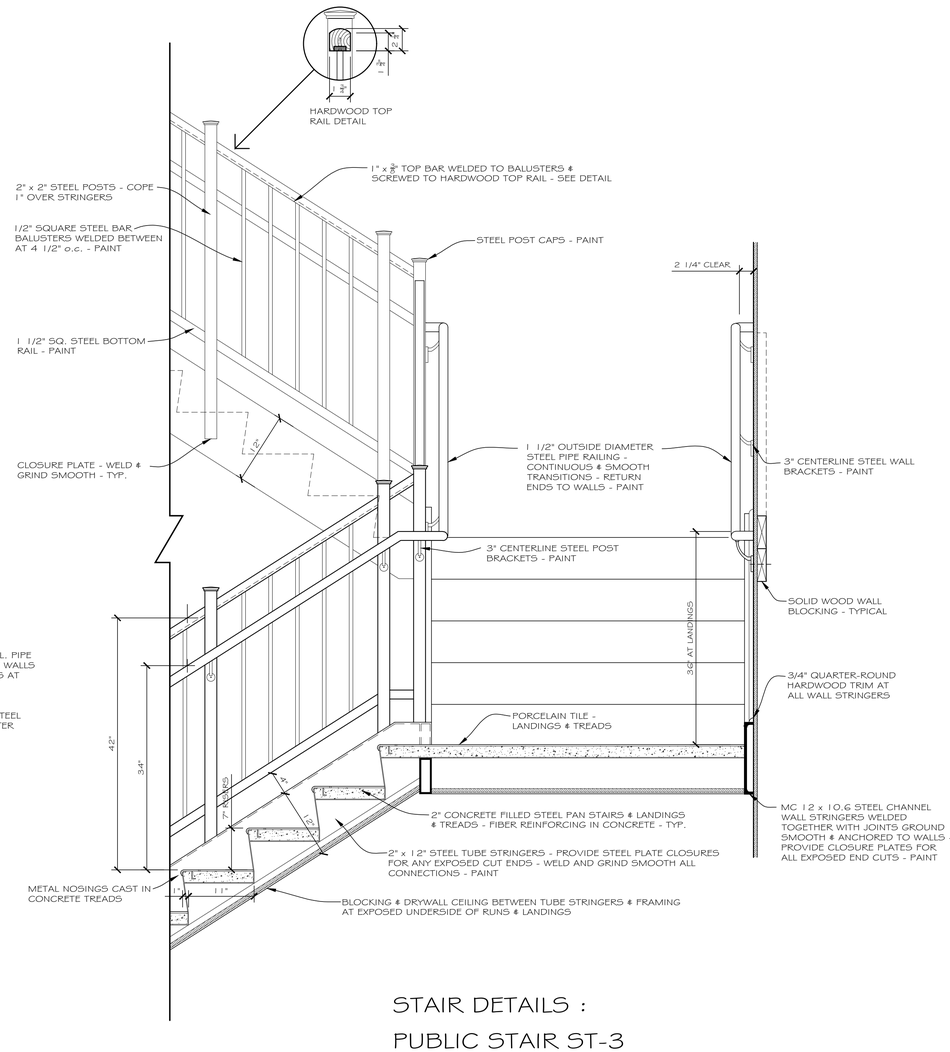
## PUBLIC STAIR ST-3 PLANS

1/4" = 1'-0" — 1 HOUR FIRE RATED ENCLOSURE




## PUBLIC STAIR ST-3 SECTION

1/4" = 1'-0" — 1 HOUR FIRE RATED ENCLOSURE




## STAIR DETAILS :

PUBLIC STAIR ST-3
STAFF STAIR ST-4
STAFF STAIR ST-5

1" = 1'-0"

SEE STAIR PLANS & SECTIONS FOR DIMENSIONS, POST LAYOUTS, ETC.

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# Hancock Judicial Center

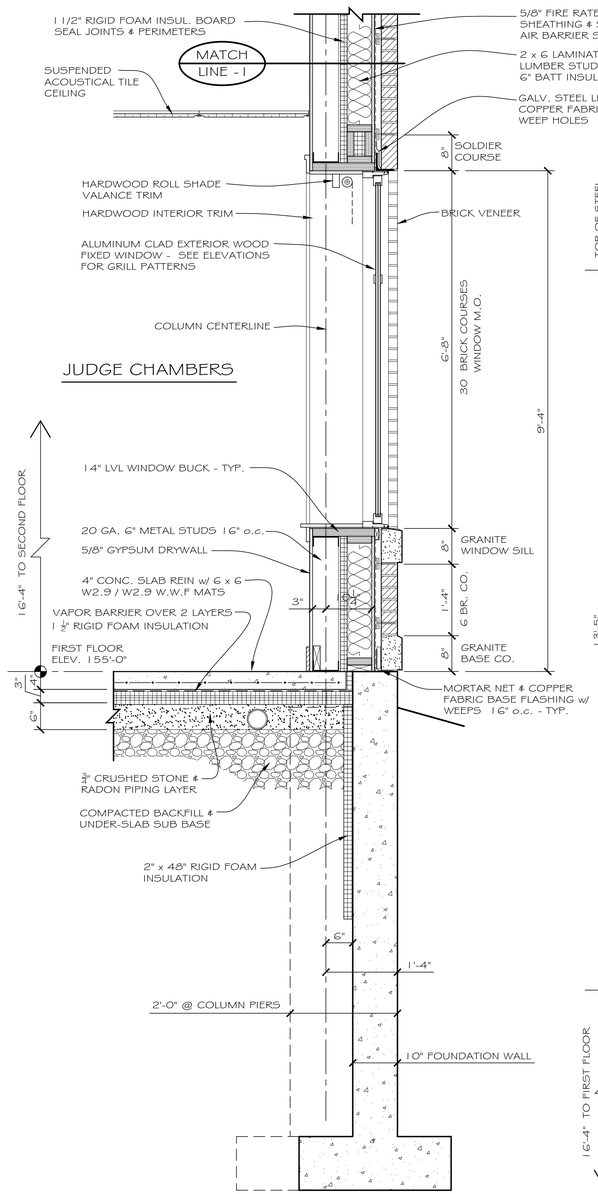
45 Merrill Lane - Ellsworth, Maine

Date: 01 MAY 2026

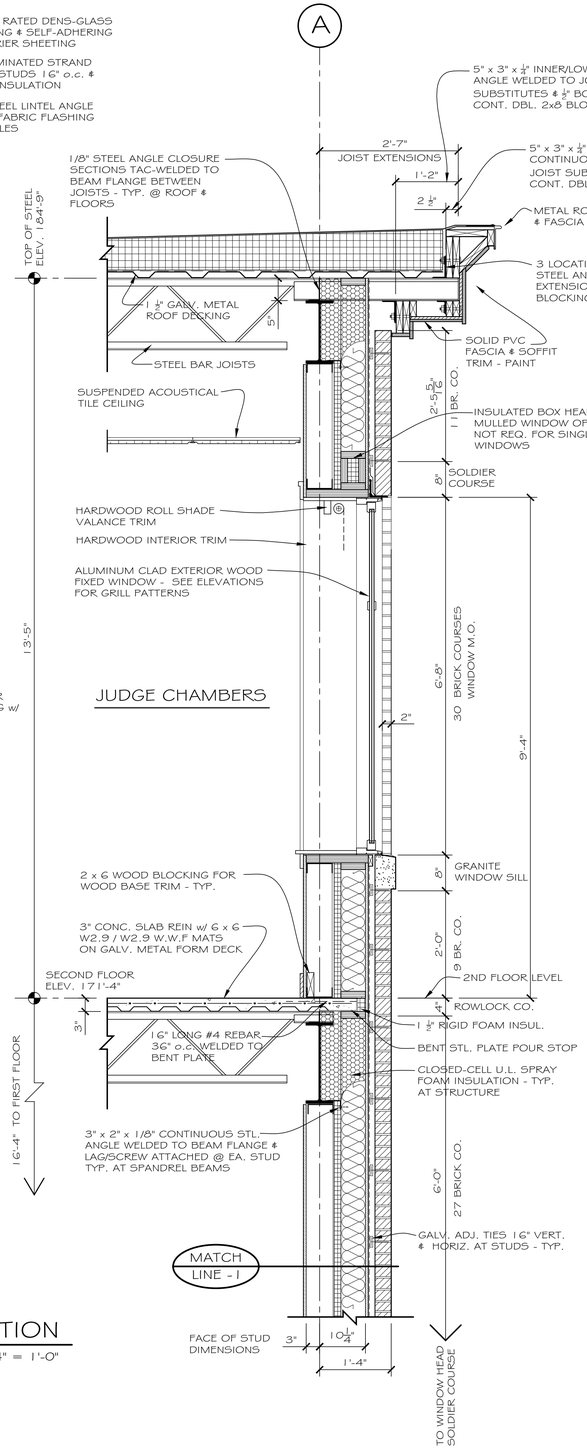
Scale: 1/4"=1'-0"

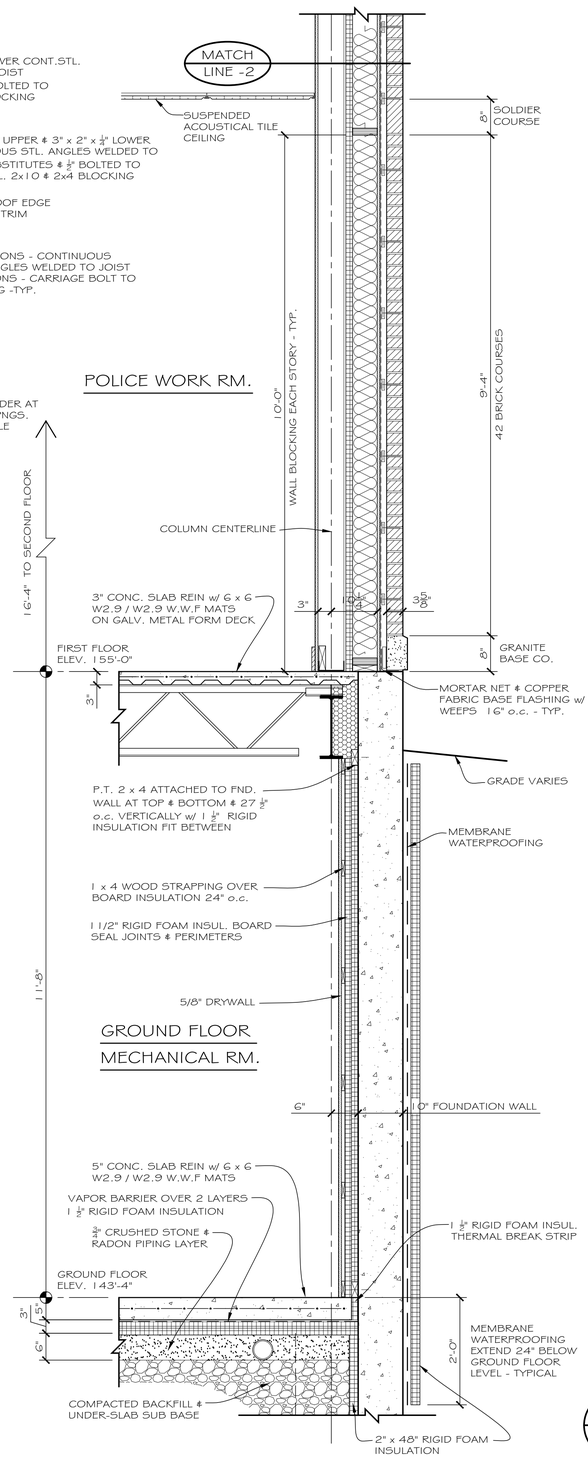
Sheet Title: Stair Sections & Details

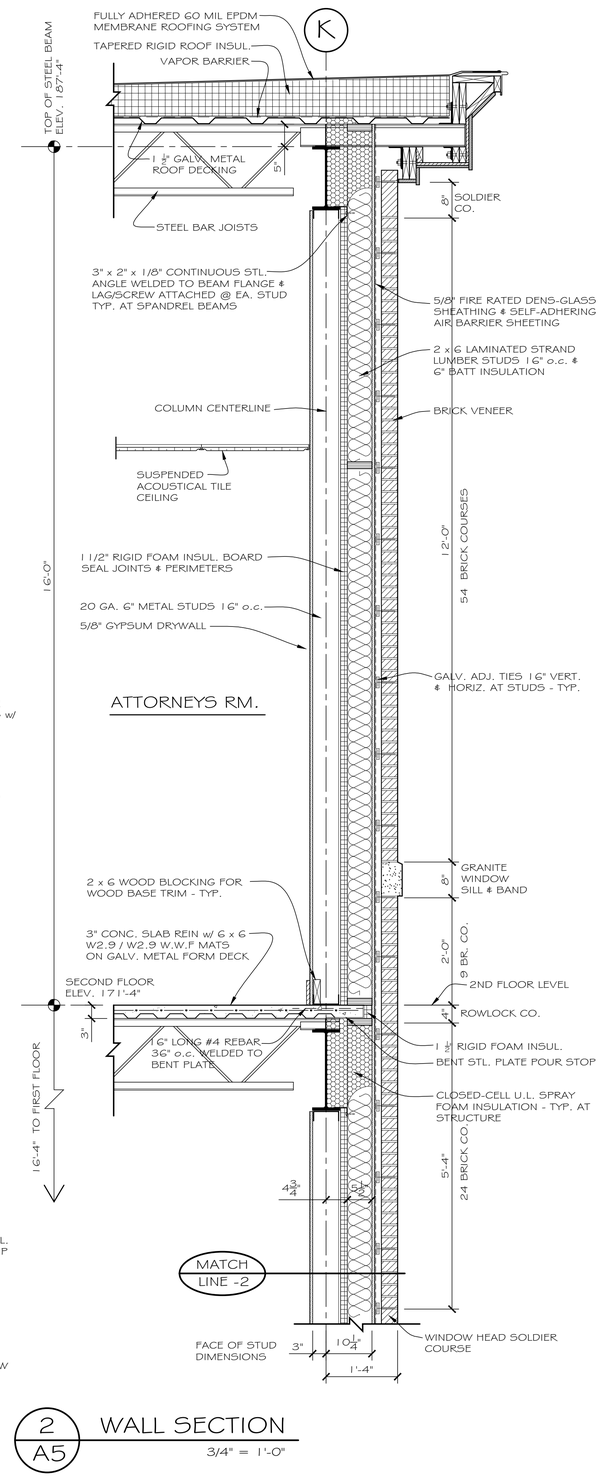
Sheet # A27




1 / A6 WALL SECTION
3/4" = 1'-0"




2 / A5 WALL SECTION
3/4" = 1'-0"

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# Hancock Judicial Center

45 Merrill Lane - Ellsworth, Maine

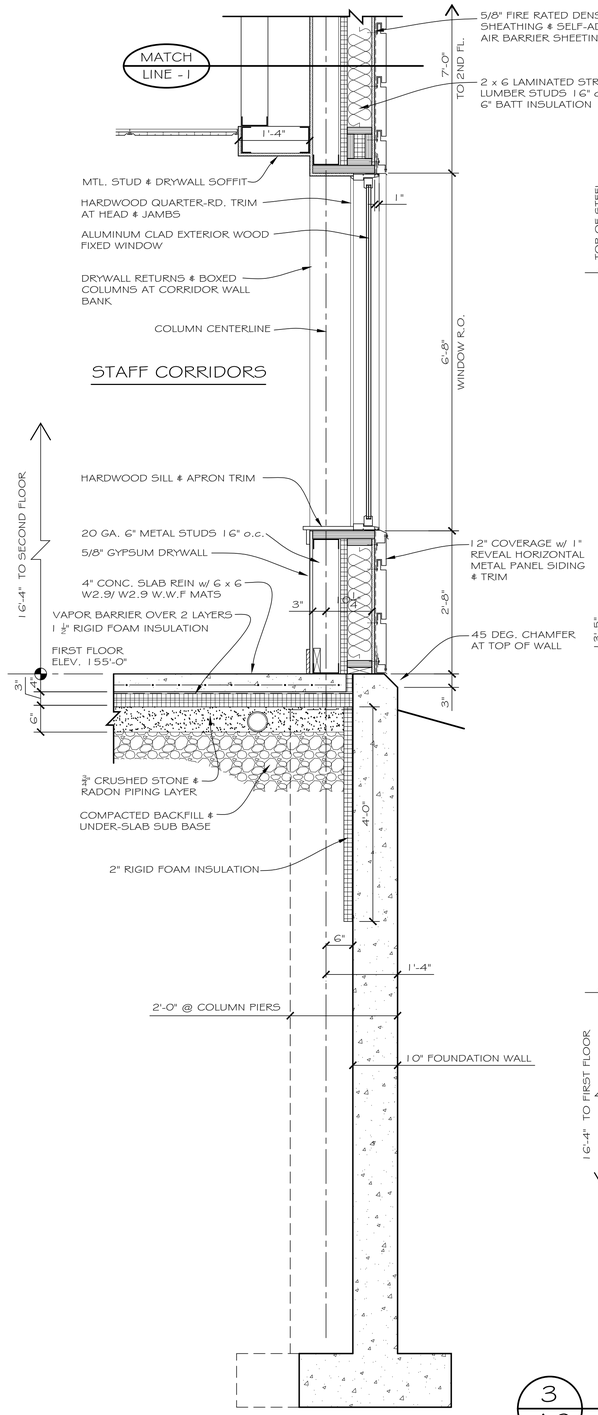
Date: 01 MAY 2026

Scale: 3/4"=1'-0"

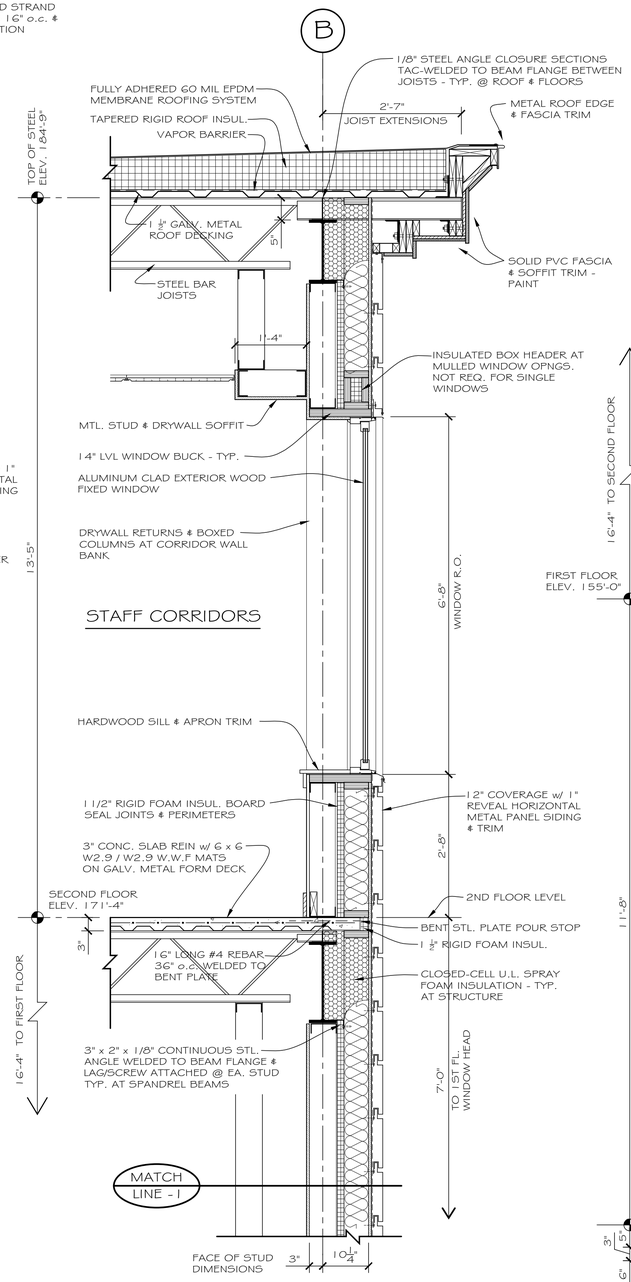
0 4" 8" 16"

Sheet Title: Wall Sections & Details

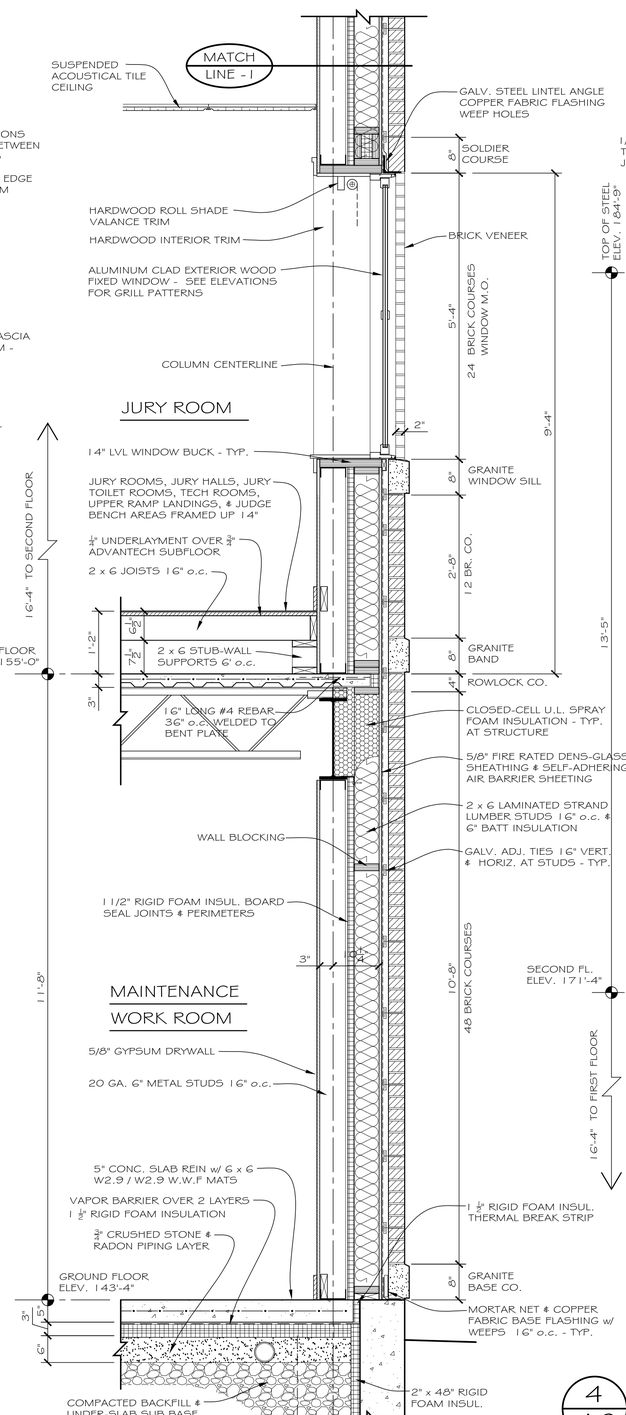
Sheet # A28

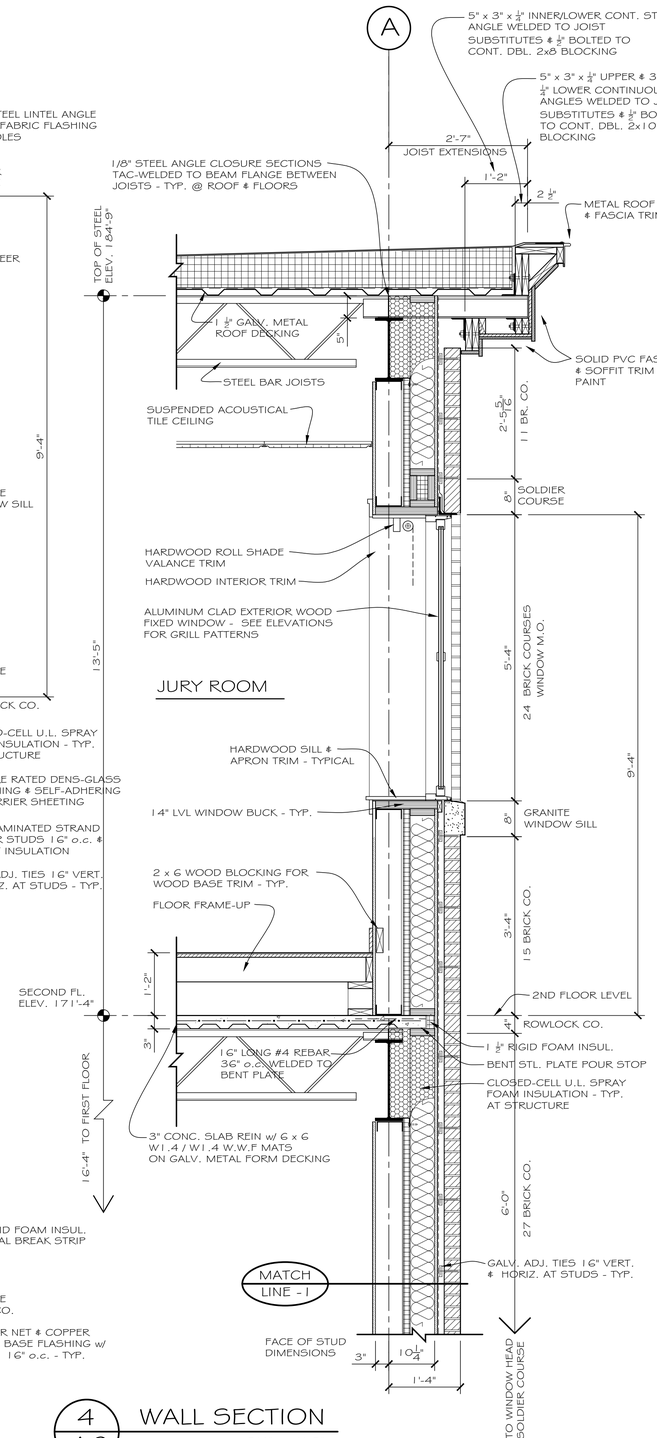



3 A6 WALL SECTION
3/4" = 1'-0"




4 A6 WALL SECTION
3/4" = 1'-0"




4 A6 WALL SECTION
3/4" = 1'-0"

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# Hancock Judicial Center

45 Merrill Lane - Ellsworth, Maine

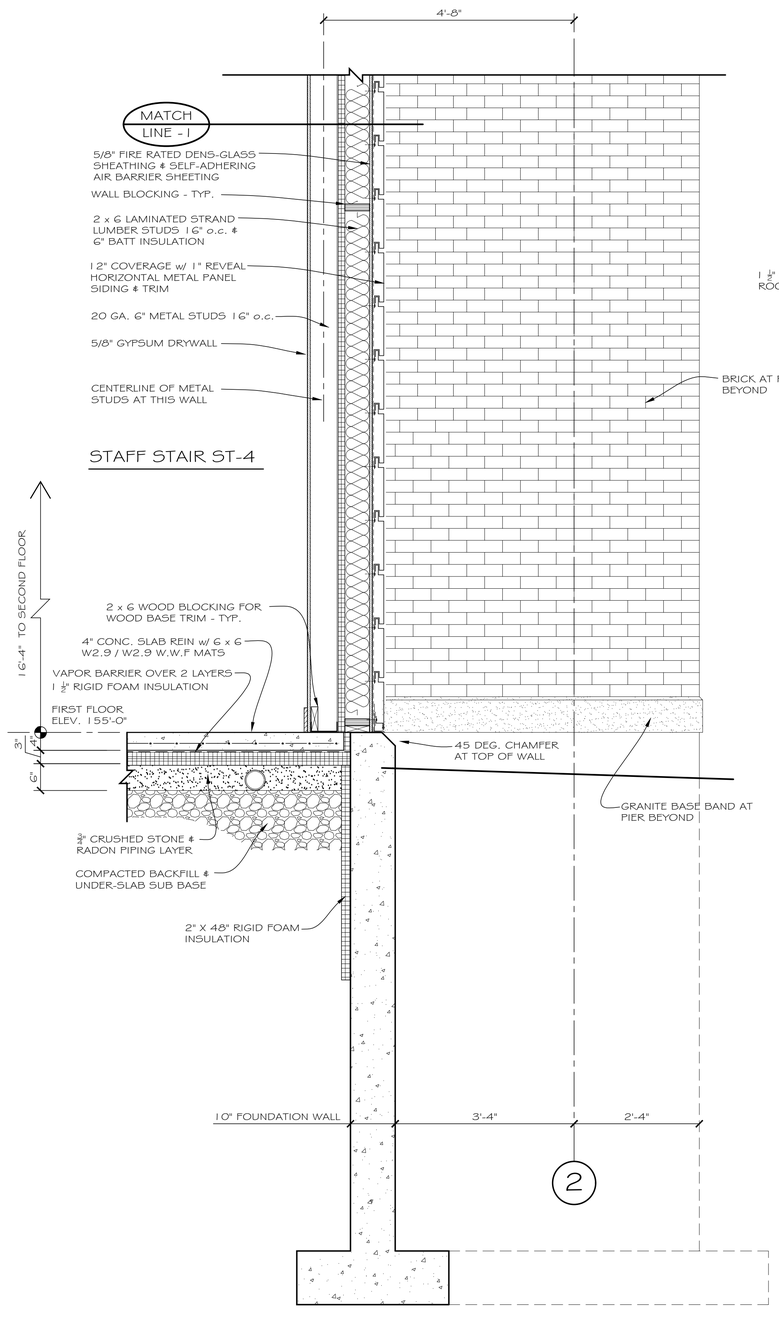
Date: 01 MAY 2026

Scale: 3/4"=1'-0"

0 4" 8" 16"

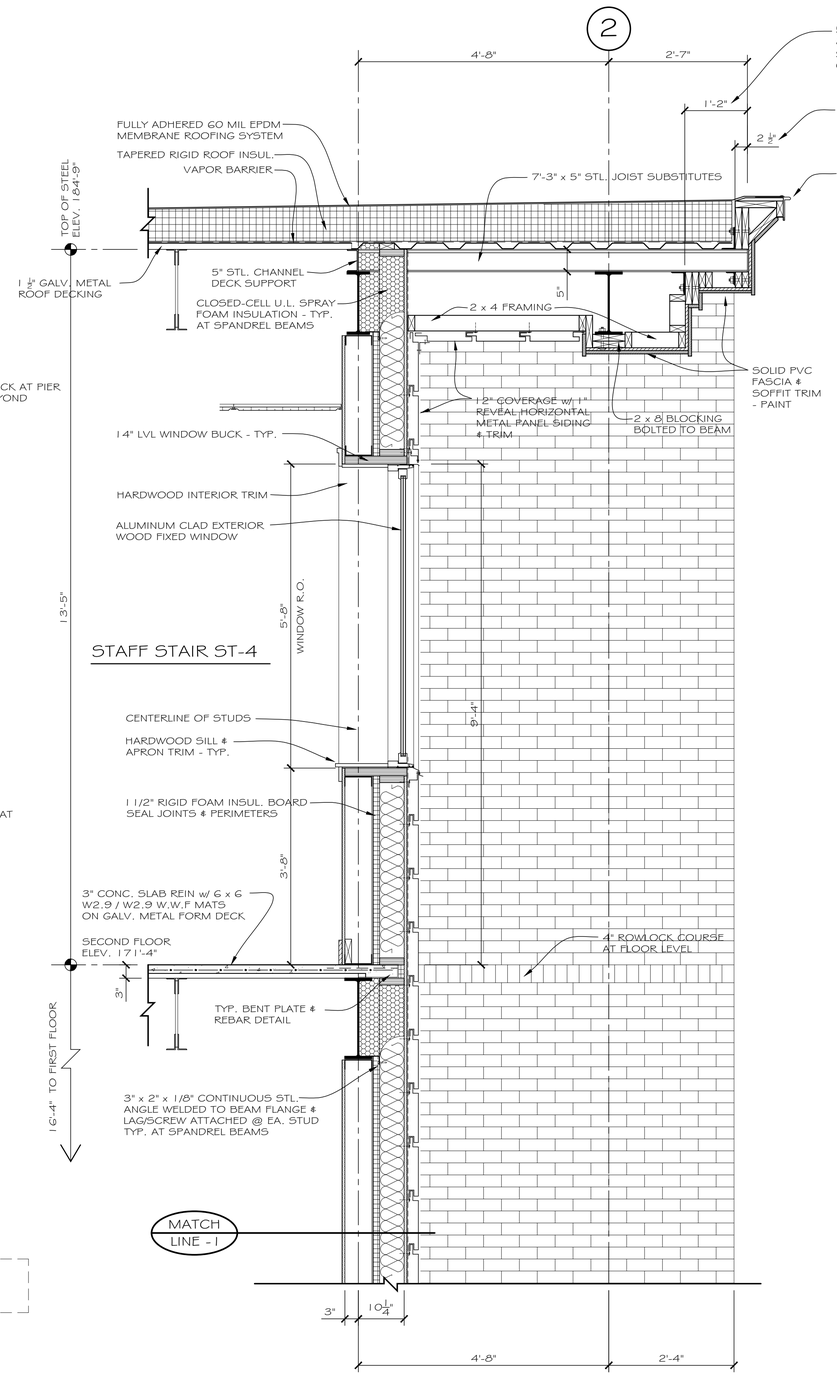
Sheet Title: Wall Sections & Details

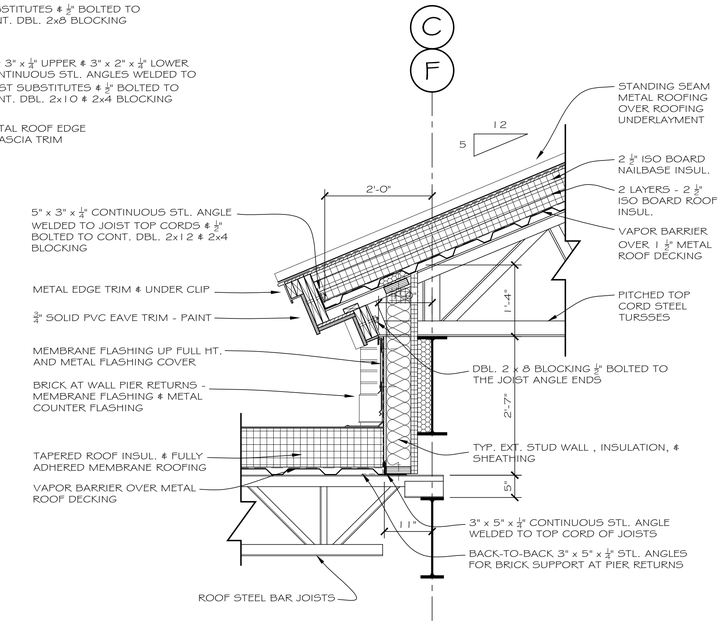
Sheet # A29




5 / A5 WALL SECTION

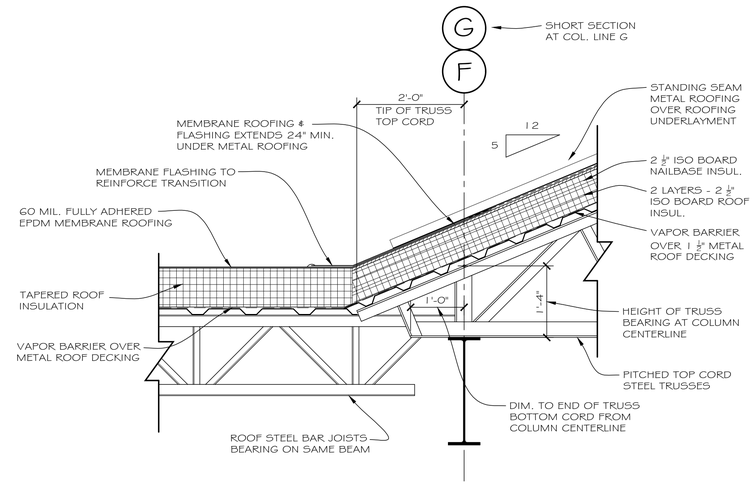
3/4" = 1'-0"




ROOF TRANSITION DETAIL

3/4" = 1'-0"




ROOF TRANSITION DETAIL

3/4" = 1'-0"

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# Hancock Judicial Center

45 Merrill Lane - Ellsworth, Maine

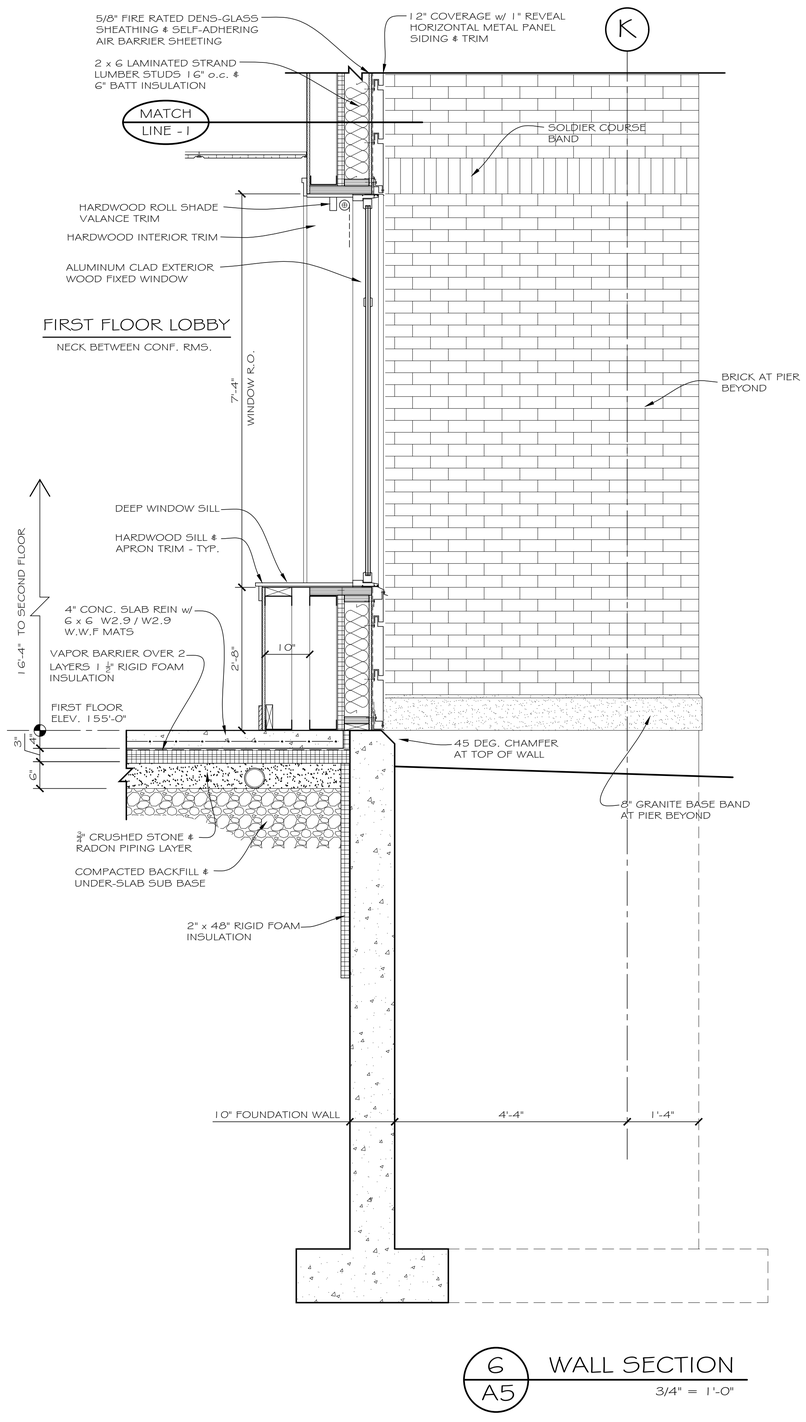
Date: 01 MAY 2026

Scale: 3/4"=1'-0"

0 4" 8" 16"

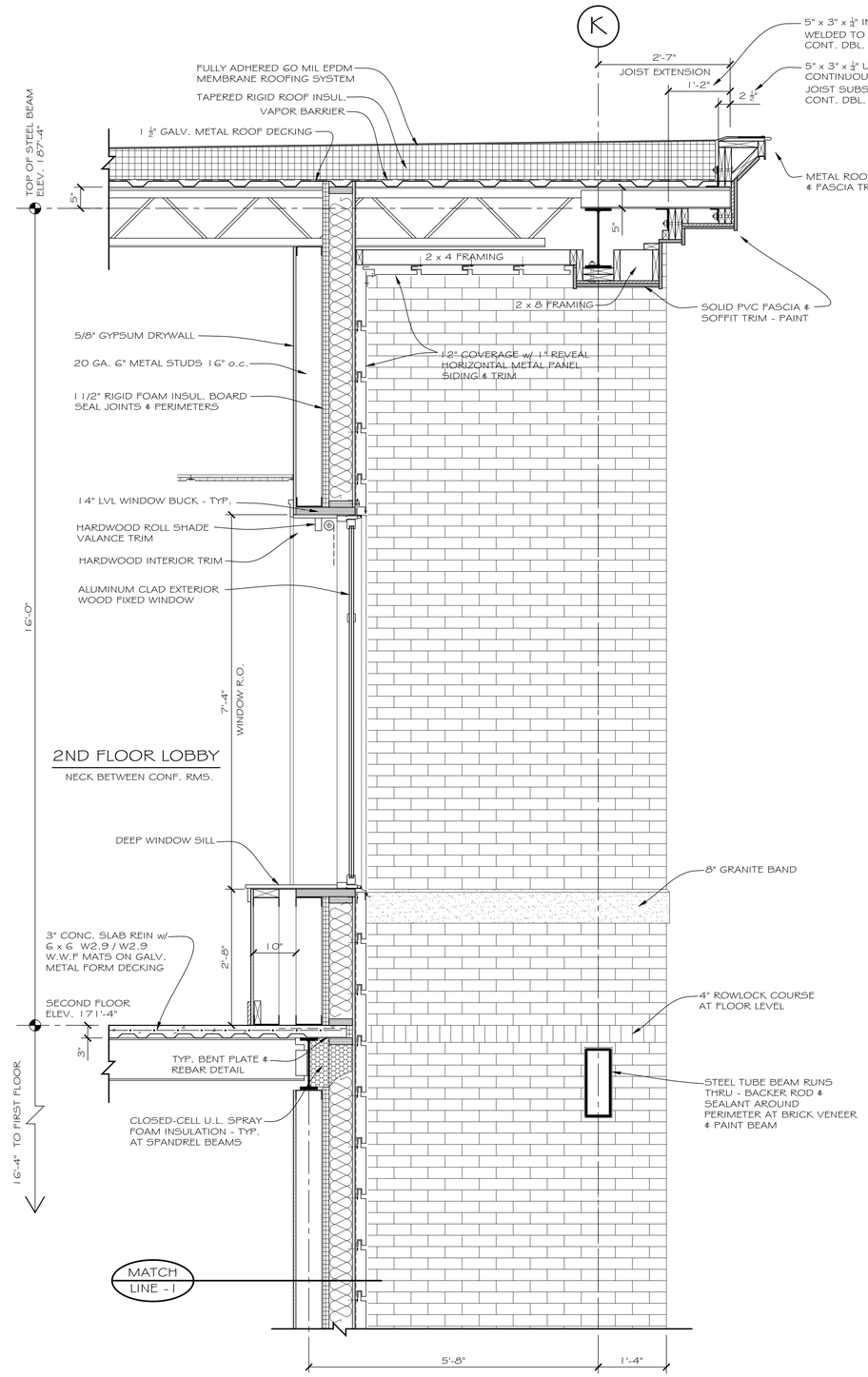
Sheet Title: Wall Sections & Details

Sheet # A30




6 / A5 WALL SECTION

3/4" = 1'-0"

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# Hancock Judicial Center

45 Merrill Lane - Ellsworth, Maine

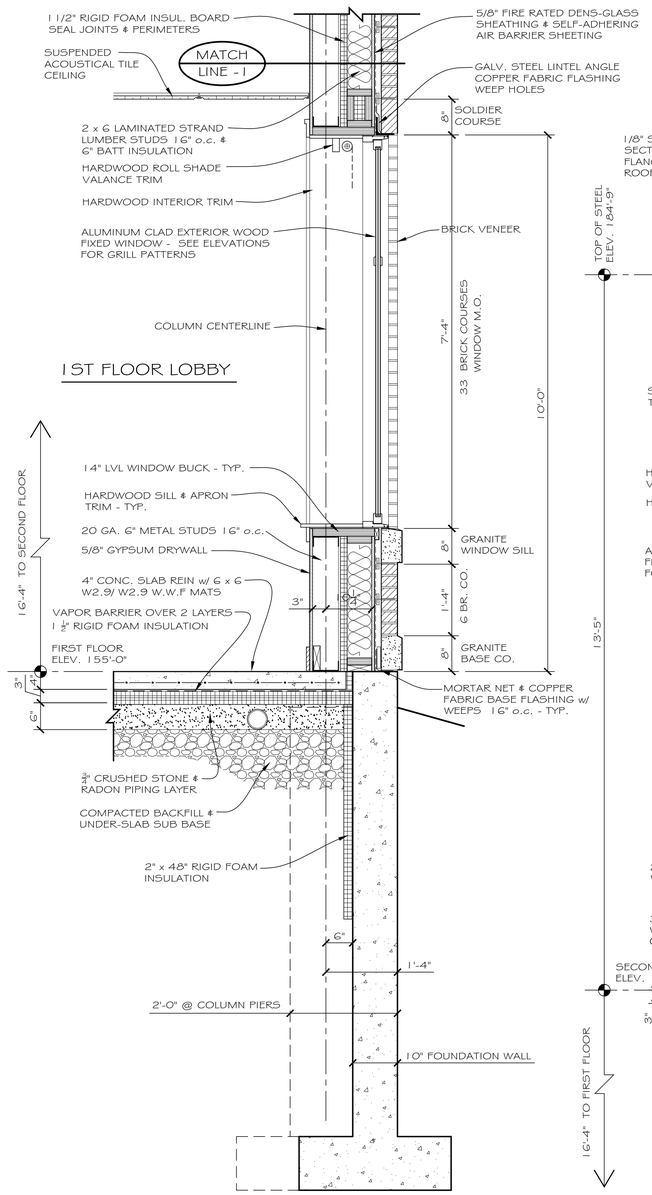
Date: 01 MAY 2026

Scale: 3/4"=1'-0"

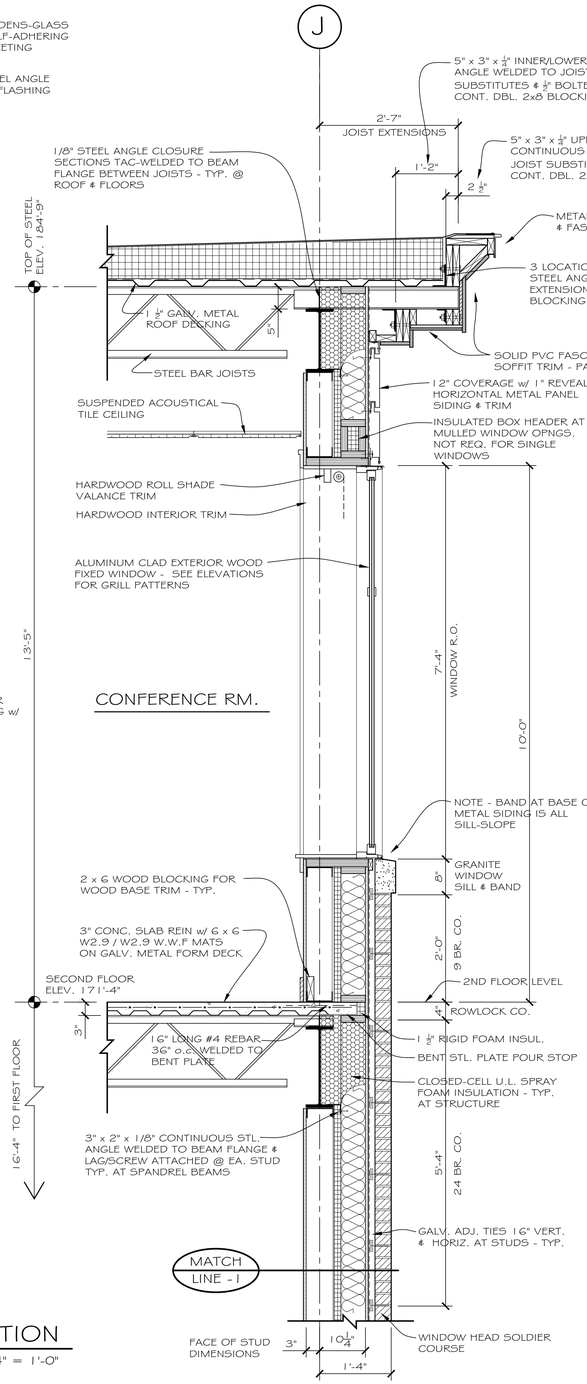
0 4" 8" 16"

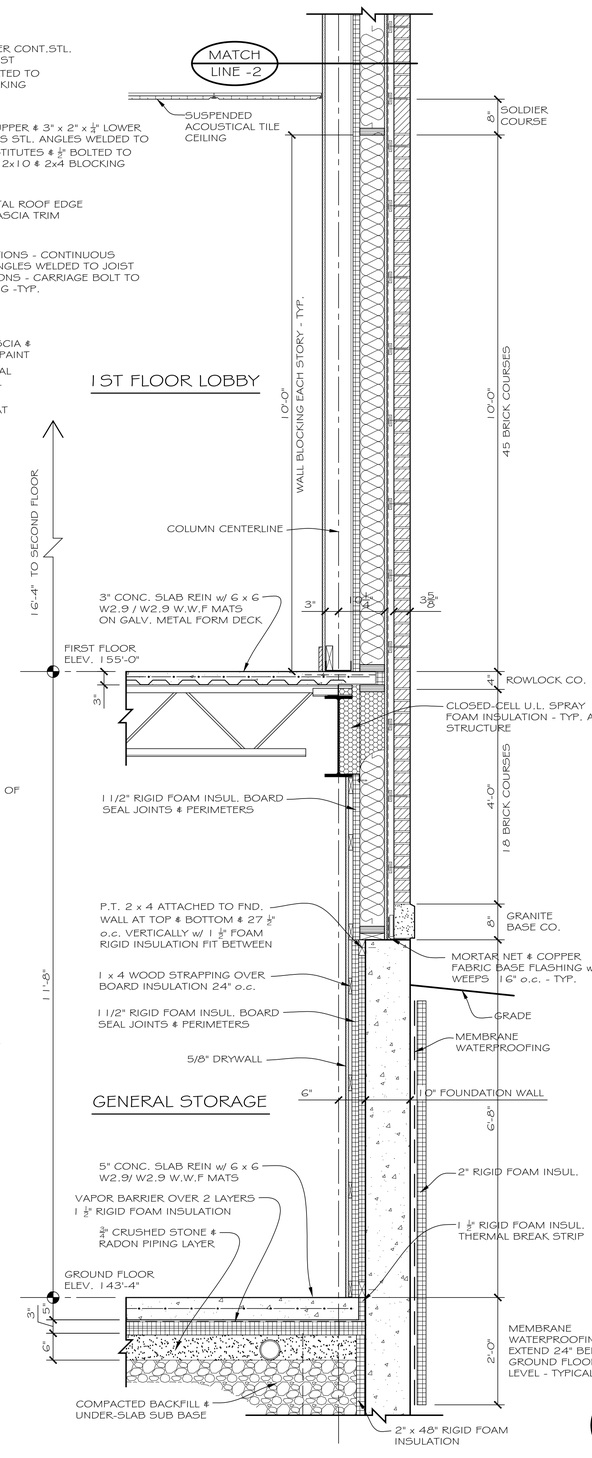
Sheet Title: Wall Sections & Details

Sheet # A31

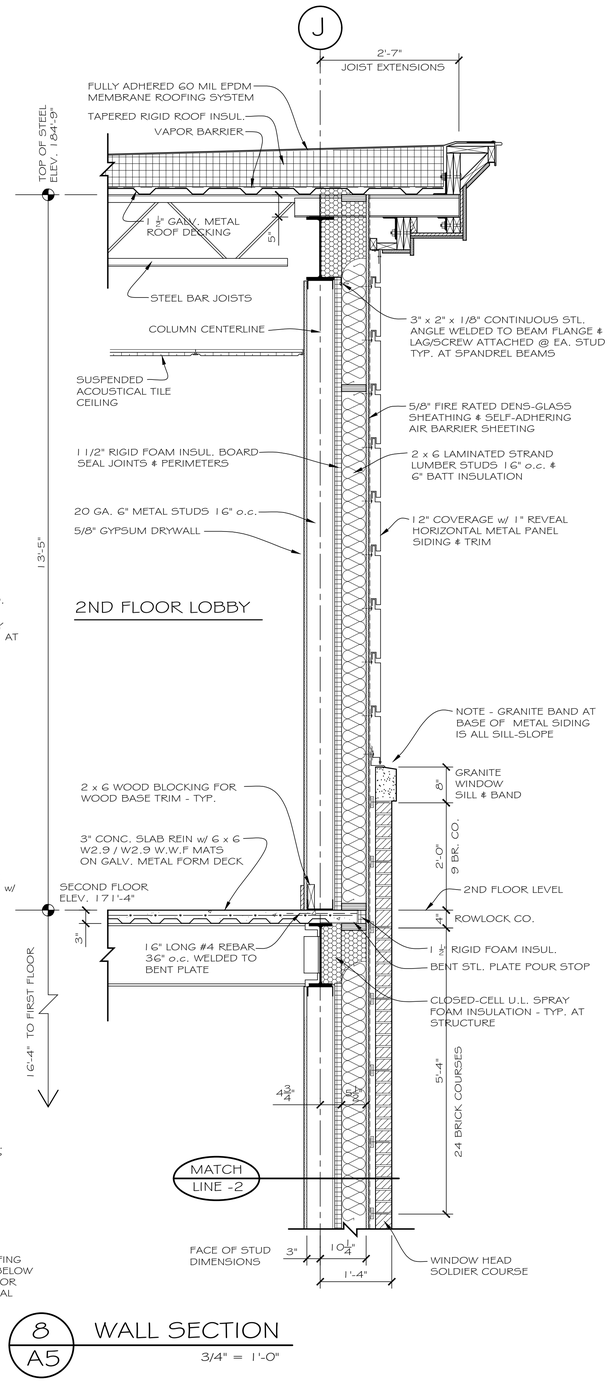



7 / A5 WALL SECTION
3/4" = 1'-0"




8 / A5 WALL SECTION
3/4" = 1'-0"




8 / A5 WALL SECTION
3/4" = 1'-0"

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Mark G. Carter • Architect •
P.O. Box 338 - Lyman, Maine 04002 Maine Licensed Architect

LICENSED ARCHITECT
MARK G. CARTER
No. 1913
STATE OF MAINE

# Hancock Judicial Center

45 Merrill Lane - Ellsworth, Maine

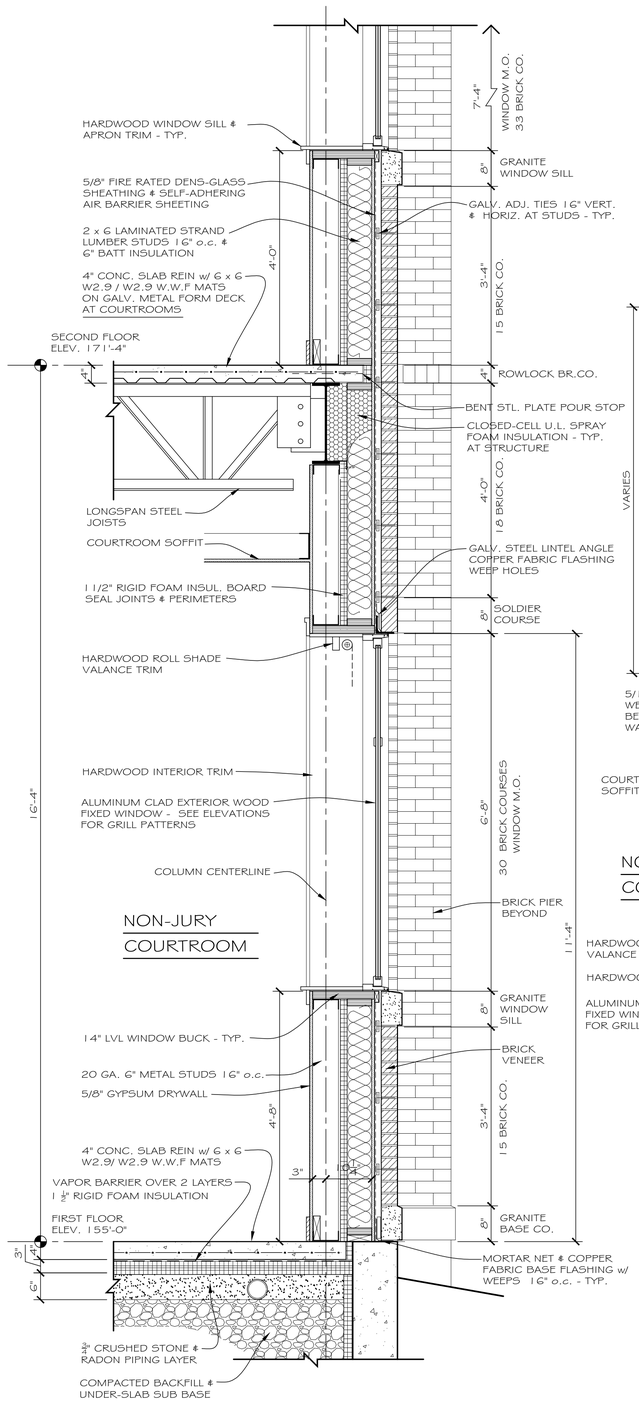
Date: 01 MAY 2026

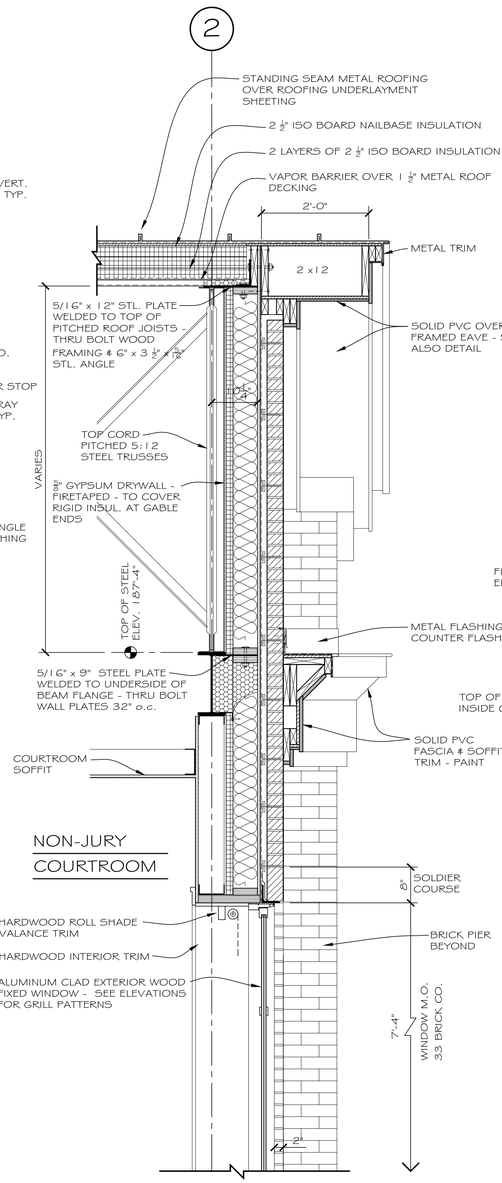
Scale: 3/4"=1'-0"

0 4" 8" 16"

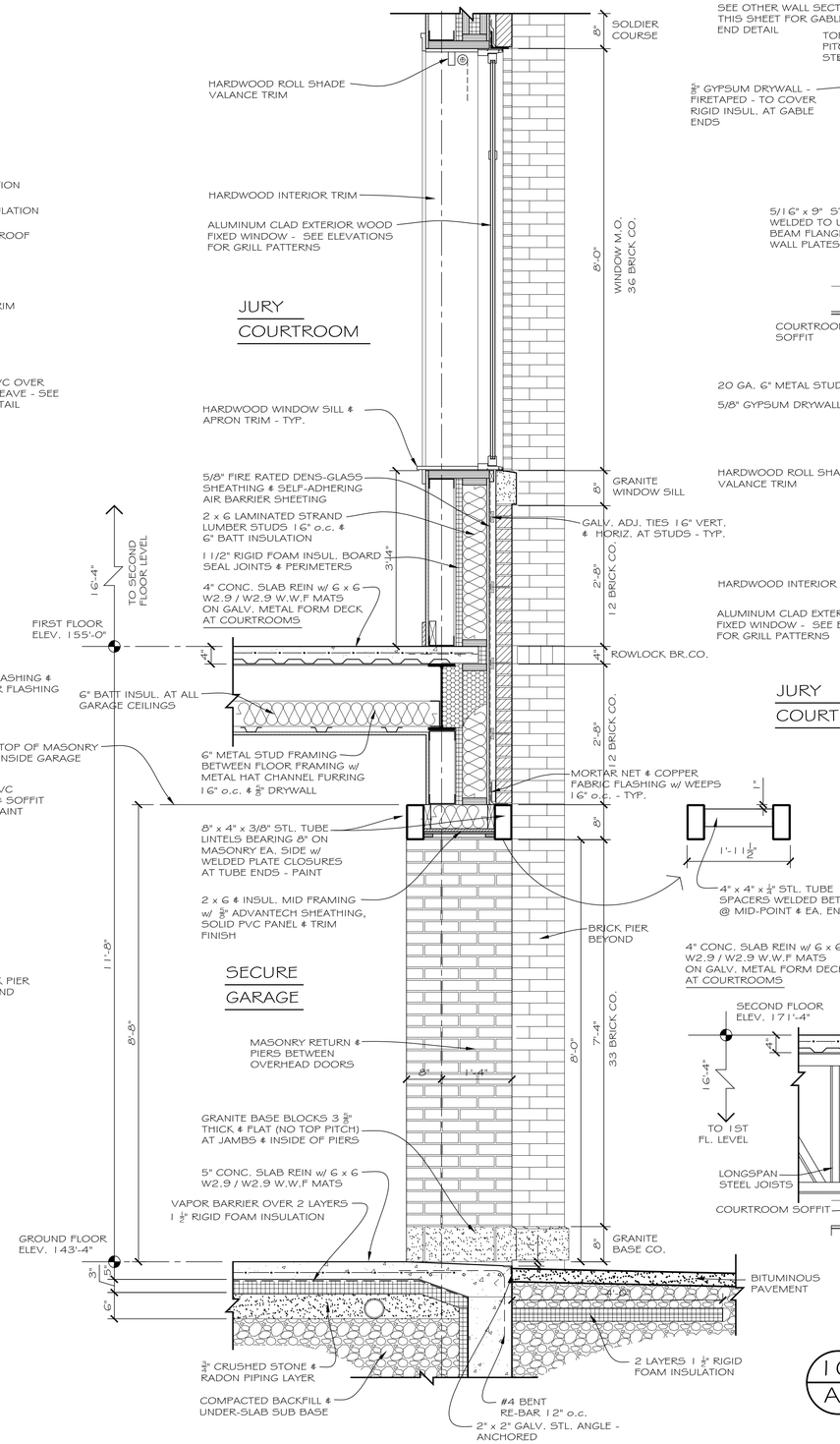
Sheet Title: Wall Sections & Details

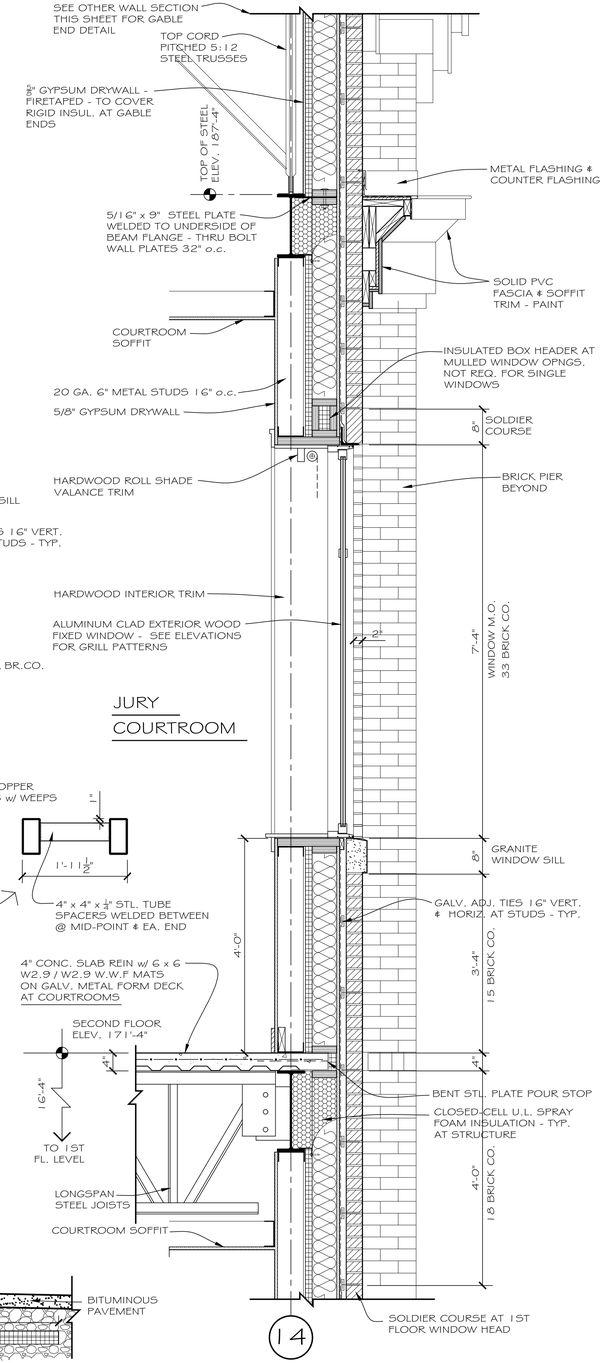
Sheet # A32




9 / A5 WALL SECTION
3/4" = 1'-0"




10 / A6 WALL SECTION
3/4" = 1'-0"

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45 Merrill Lane - Ellsworth, Maine

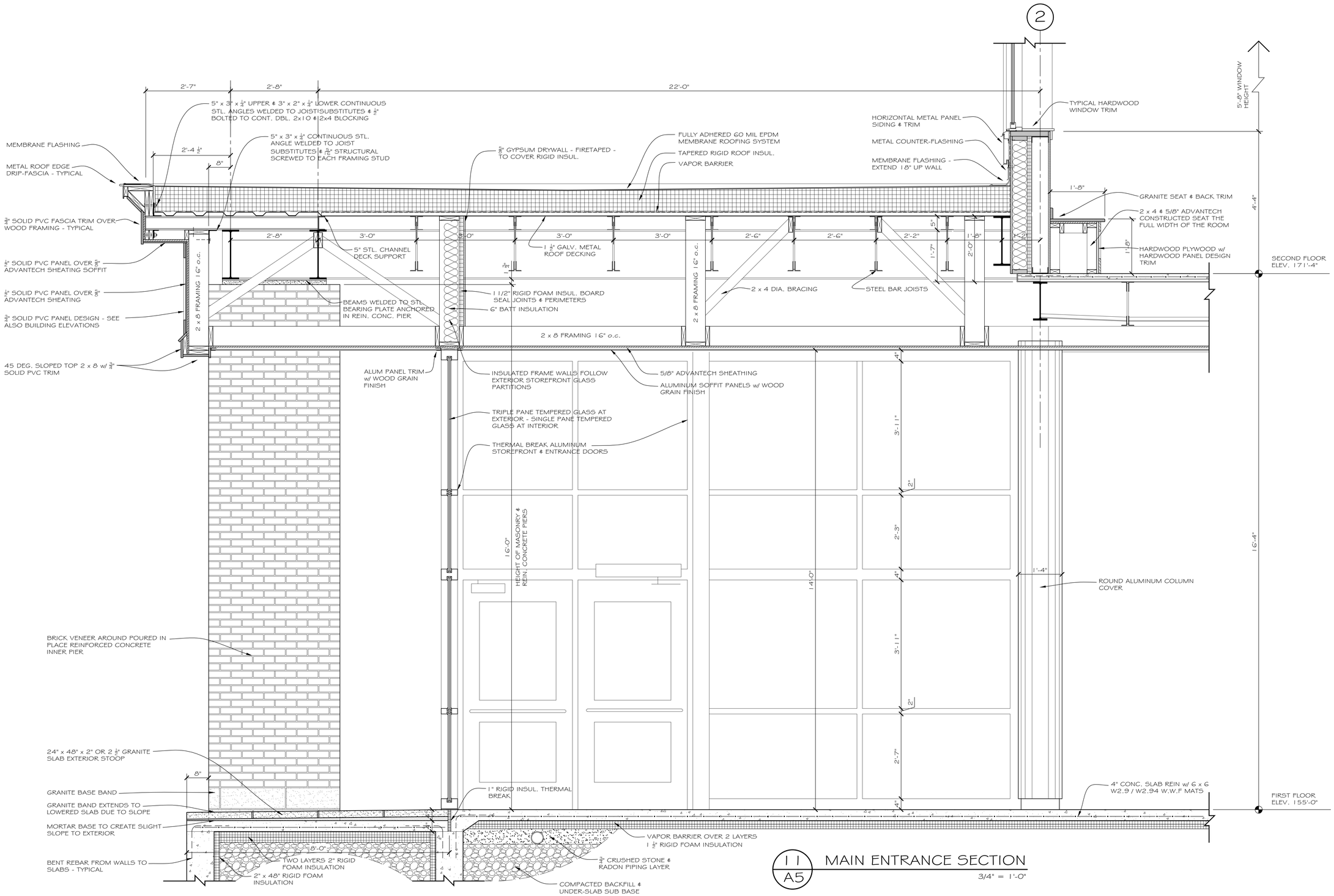
Date: 01 MAY 2026

Scale: 3/4"=1'-0"

0 4" 8" 16"

Sheet Title: Wall Sections & Details

Sheet # A33




11 / A5 MAIN ENTRANCE SECTION

3/4" = 1'-0"

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# Hancock Judicial Center

45 Merrill Lane - Ellsworth, Maine

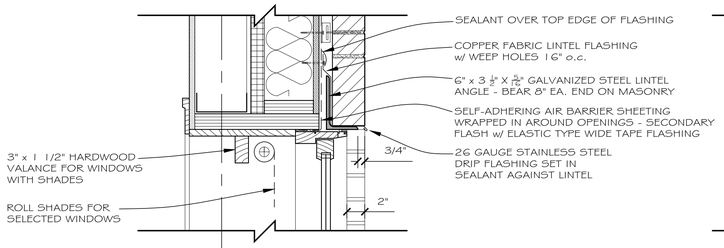
Date: 01 MAY 2026

Scale: 3/4"=1'-0"

0 4" 8" 16"

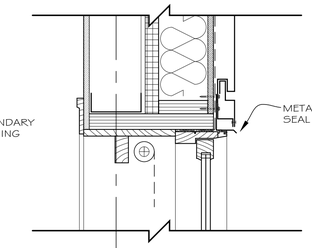
Sheet Title: Entrance Sections & Details

Sheet # A34




## Typ. Window Head Detail

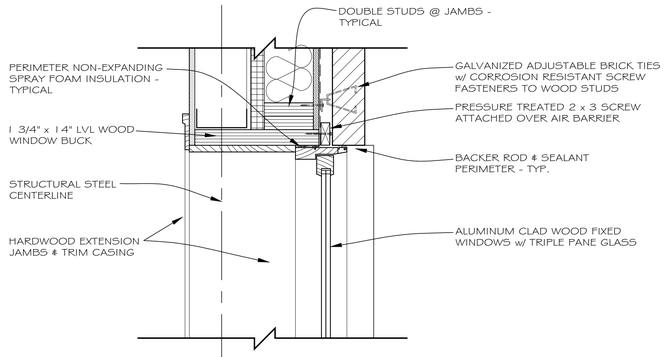
MASONRY OPENING 1 1/2" = 1'-0"




## Typ. Window Head Detail

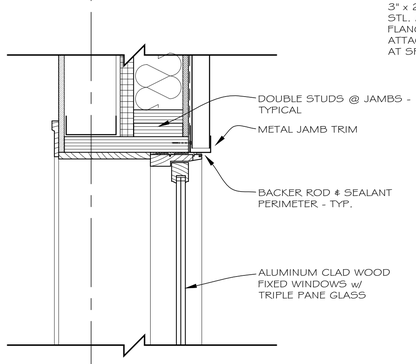
METAL SIDING OPENING 1 1/2" = 1'-0"

SEE ALSO NOTATIONS AT MASONRY OPENING DETAIL




## Typ. Window Jamb Detail

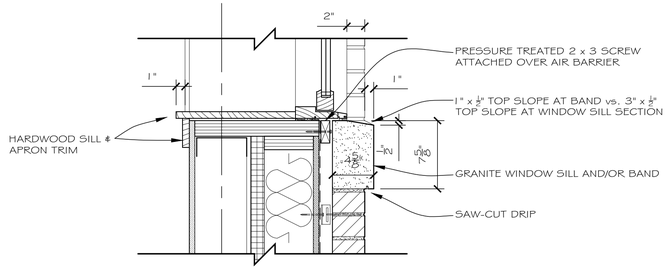
MASONRY OPENING 1 1/2" = 1'-0"




## Typ. Window Jamb Detail

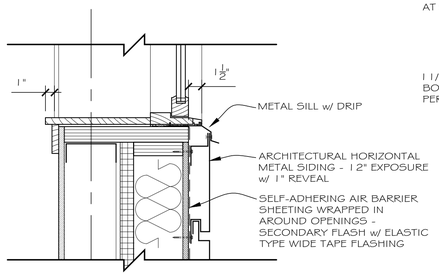
METAL SIDING OPENING 1 1/2" = 1'-0"

SEE ALSO NOTATIONS AT MASONRY OPENING DETAIL




## Typ. Window Sill Detail

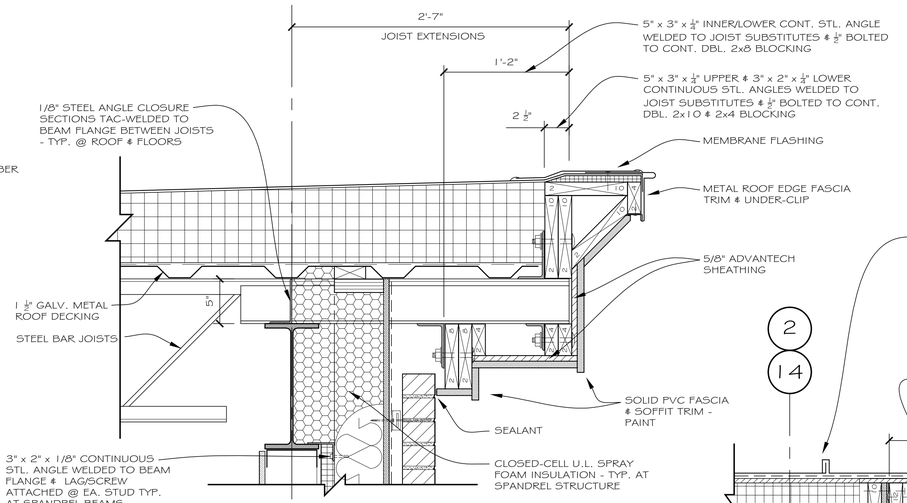
MASONRY OPENING 1 1/2" = 1'-0"




## Typ. Window Sill Detail

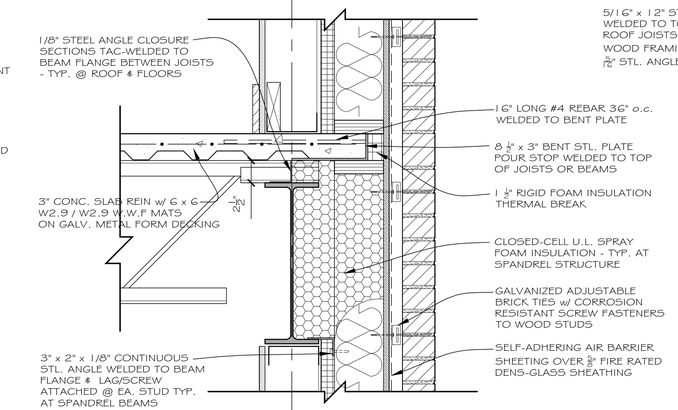
METAL SIDING OPENING 1 1/2" = 1'-0"

SEE ALSO NOTATIONS AT MASONRY OPENING DETAIL



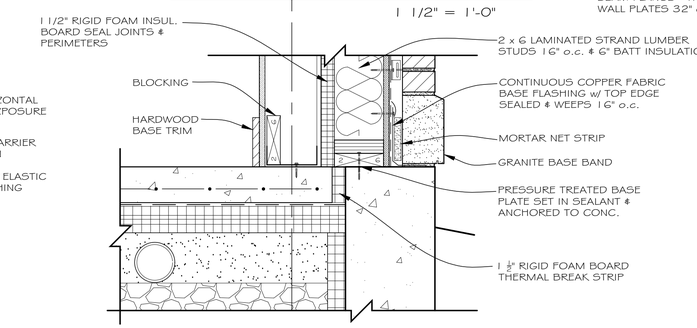

## Typ. Roof Edge Detail

1 1/2" = 1'-0"



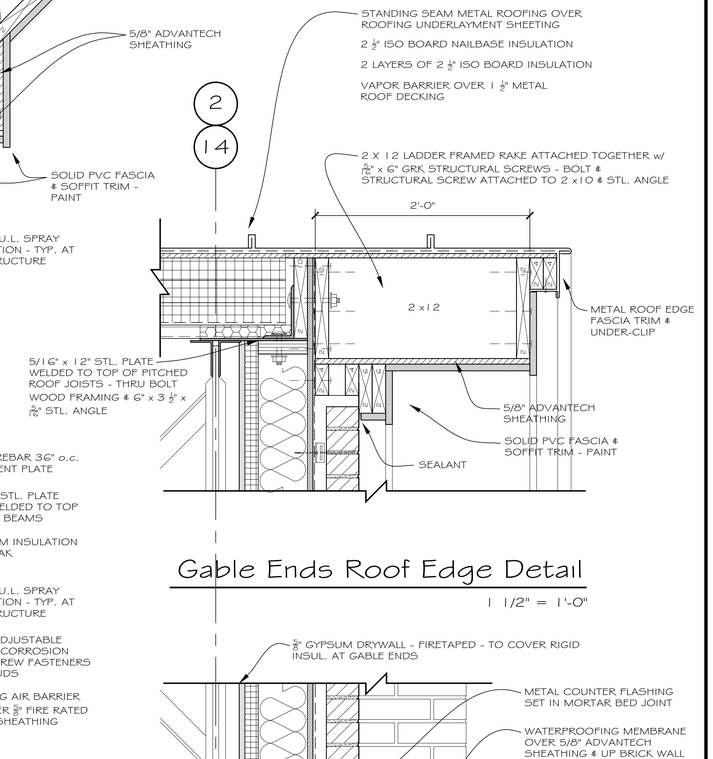

## Typ. Floor Edge Detail

1 1/2" = 1'-0"



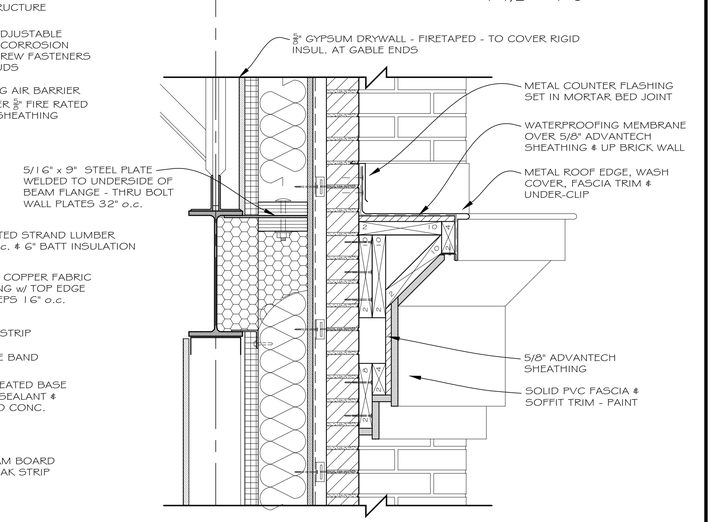

## Typ. Wall Base Detail

1 1/2" = 1'-0"




## Gable Ends Roof Edge Detail

1 1/2" = 1'-0"




## Gable Ends Fascia Band Detail

1 1/2" = 1'-0"

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LICENSED ARCHITECT
MARK G. CARTER
No. 1913
STATE OF MAINE

# Hancock Judicial Center

45 Merrill Lane - Ellsworth, Maine

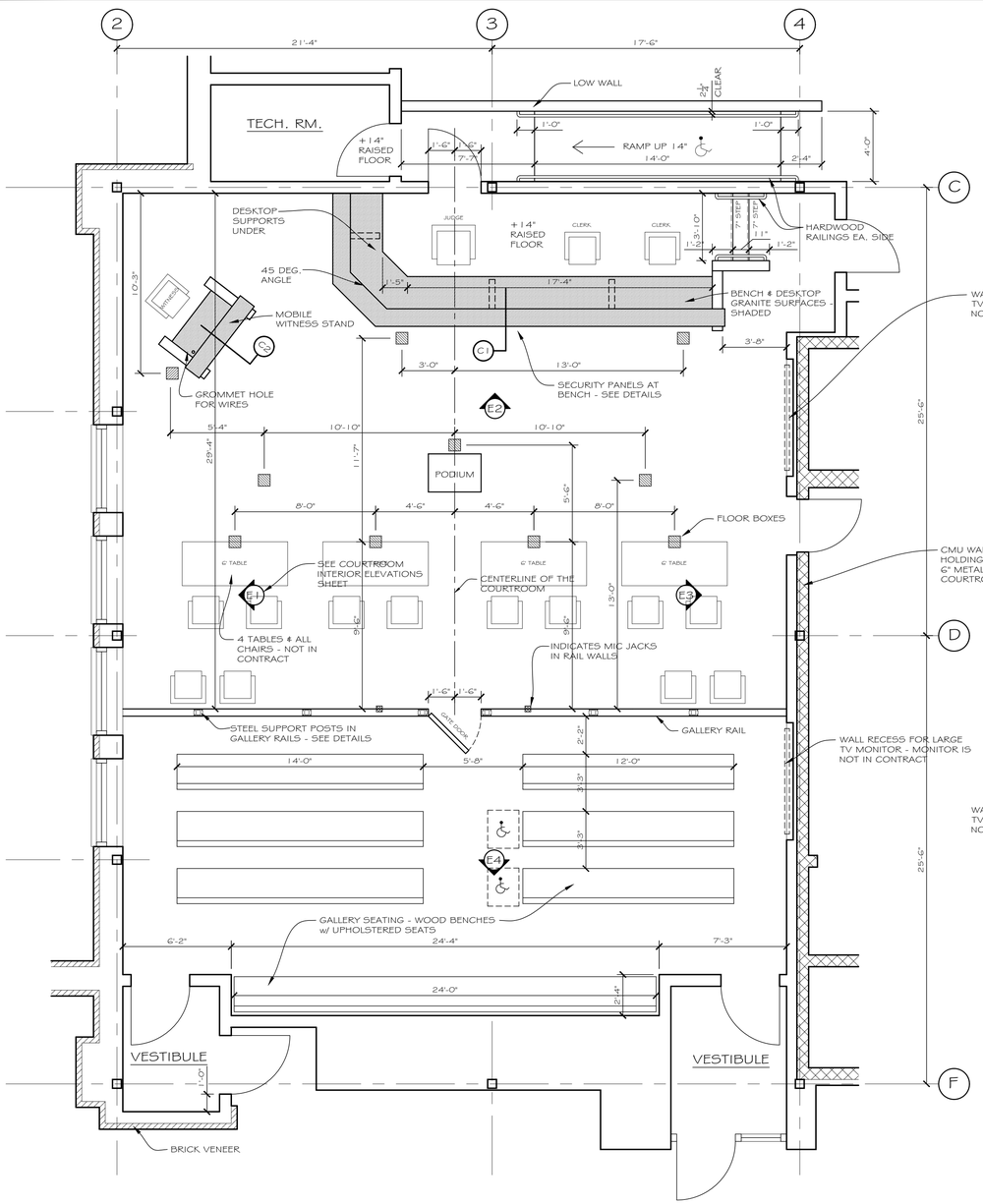
Date: 01 MAY 2026

Scale: 1 1/2"=1'-0"

0 8" 16" 32"

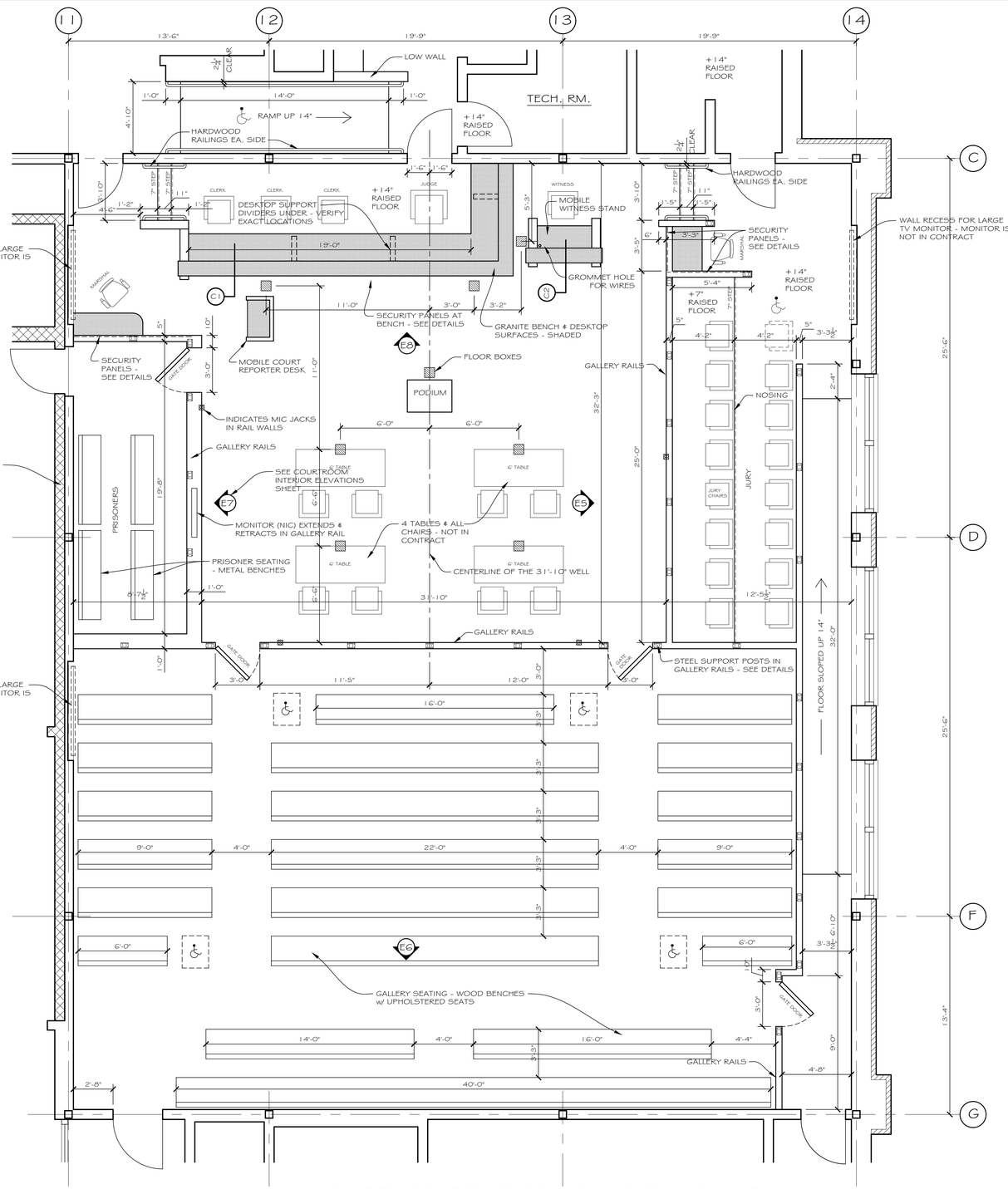
Sheet Title: Typical Details

Sheet # A35




## NON-JURY COURTROOMS #1 & #3 - DETAIL PLANS

1/4" = 1'-0"




## JURY COURTROOMS #2 & #4 - DETAIL PLANS

1/4" = 1'-0"

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# Hancock Judicial Center

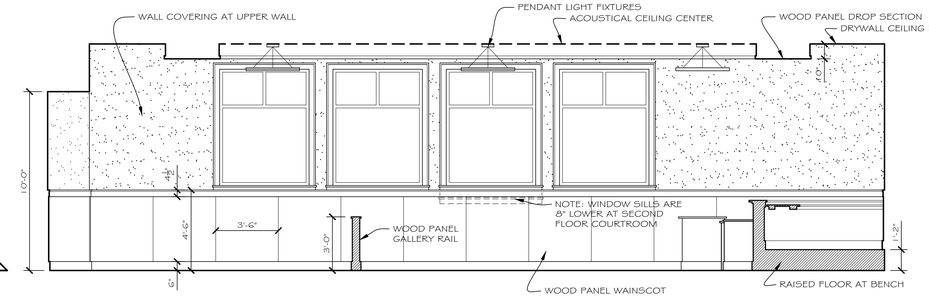
45 Merrill Lane - Ellsworth, Maine

Date: 01 MAY 2026

Scale: 1/4"=1'-0"

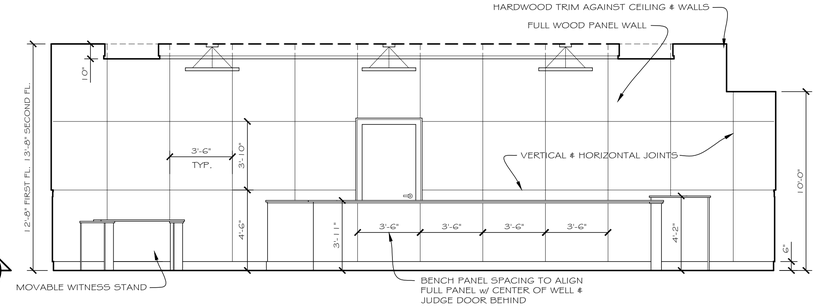
Sheet Title: Courtroom Detail Plans

Sheet # A36



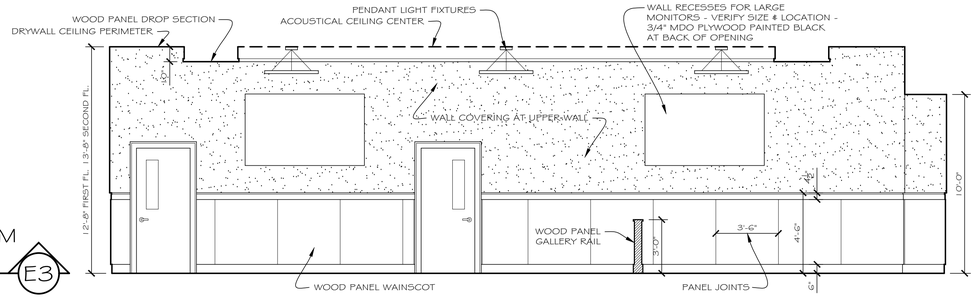

NON-JURY COURTROOM ELEVATION E1

1/4" = 1'-0"



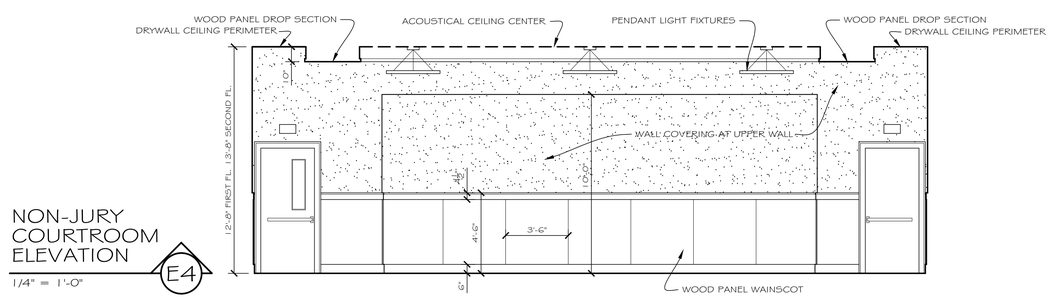

NON-JURY COURTROOM ELEVATION E2

1/4" = 1'-0"



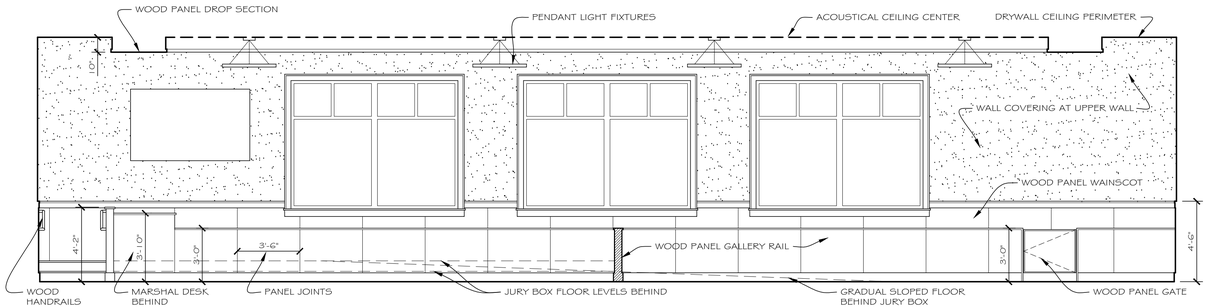

NON-JURY COURTROOM ELEVATION E3

1/4" = 1'-0"



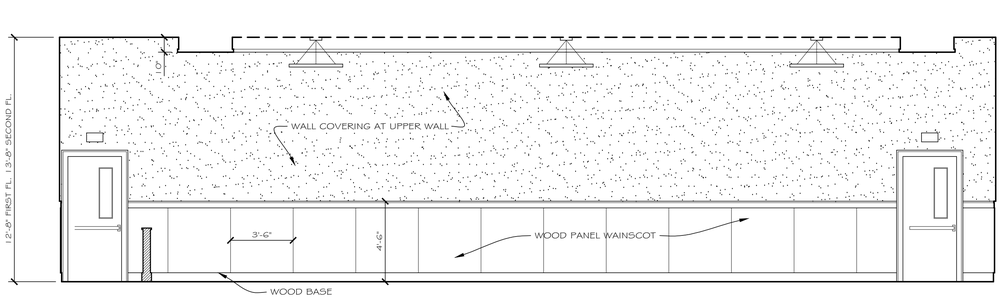

NON-JURY COURTROOM ELEVATION E4

1/4" = 1'-0"



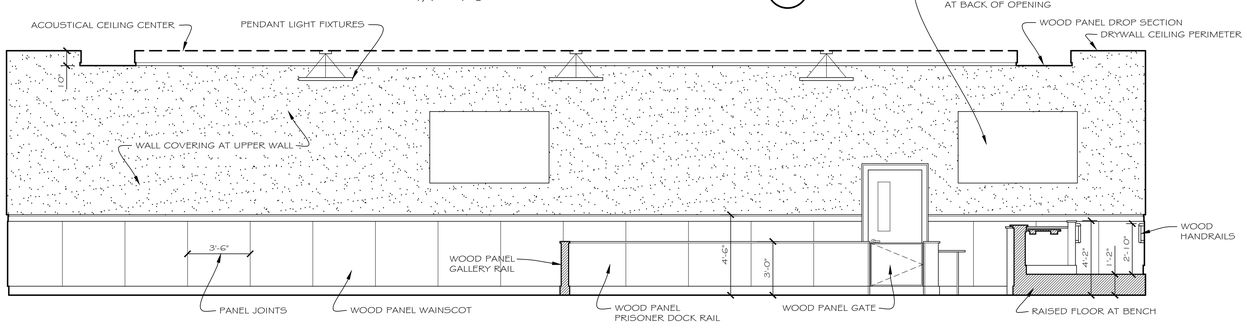

JURY COURTROOM ELEVATION E5

1/4" = 1'-0"



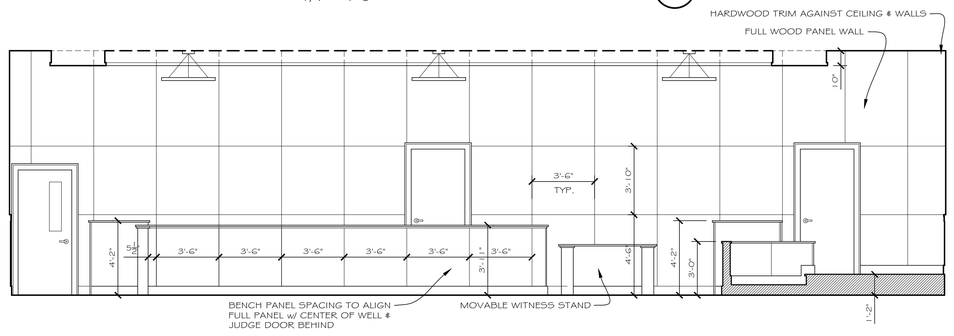

JURY COURTROOM ELEVATION E6

1/4" = 1'-0"




JURY COURTROOM ELEVATION E7

1/4" = 1'-0"




JURY COURTROOM ELEVATION E8

1/4" = 1'-0"

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MARK G. CARTER
No. 1913
STATE OF MAINE

# Hancock Judicial Center

45 Merrill Lane - Ellsworth, Maine

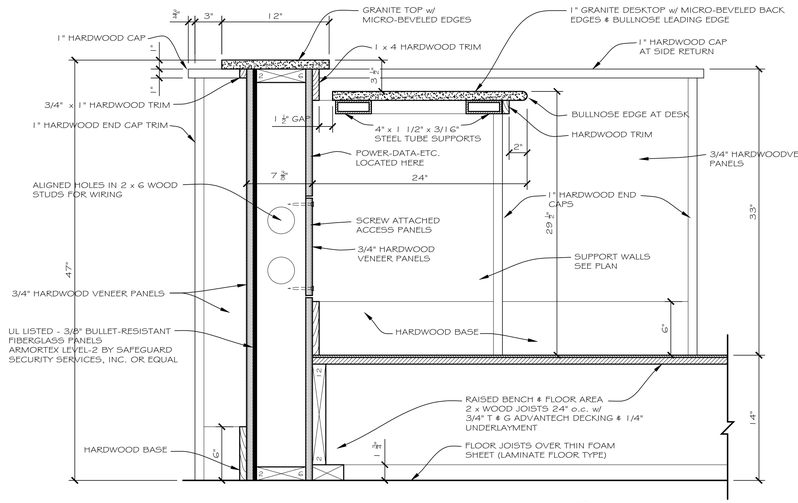
Date: 01 MAY 2026

Scale: 1/4"=1'-0"

0 1' 2' 4'

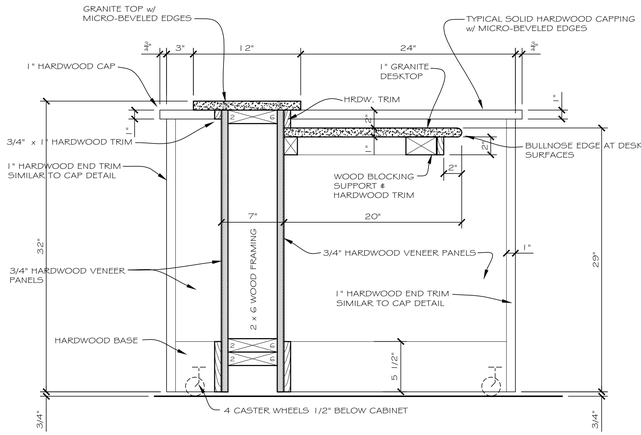
Sheet Title: Courtroom Interior Elevations

Sheet # A37



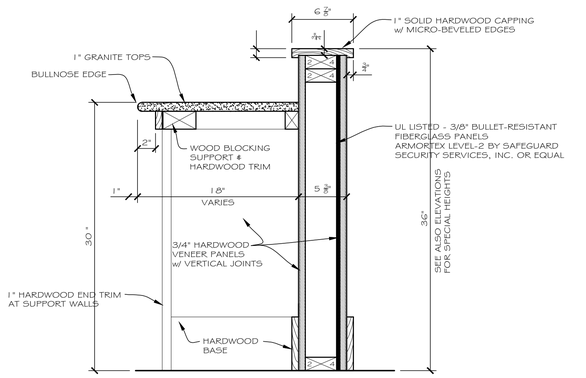

## Judge's Bench Detail — C1

1 1/2" = 1'-0"




## Movable Witness Stand Detail — C2

1 1/2" = 1'-0"



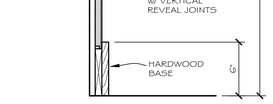

## Marshal's Desk Detail — C3

1 1/2" = 1'-0"

## MARKER BOARD DETAIL

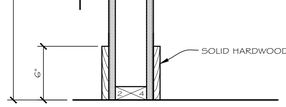
SEVEN (7) REQUIRED

OWNER TO VERIFY ALL LOCATIONS



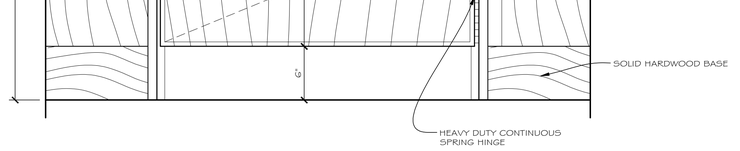

## Courtroom Wainscot Detail — C4

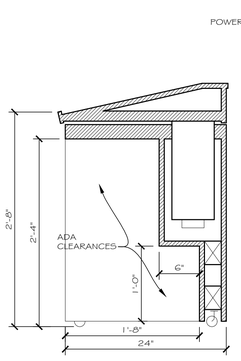
1 1/2" = 1'-0"



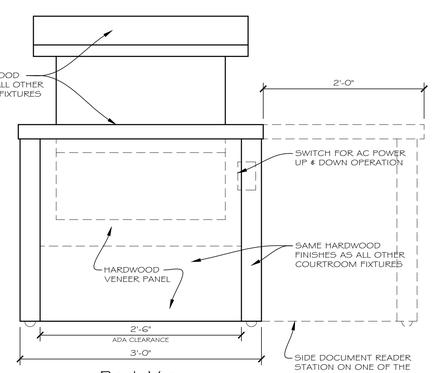

## Courtroom Typical Gallery Rail Details — C5

1 1/2" = 1'-0"



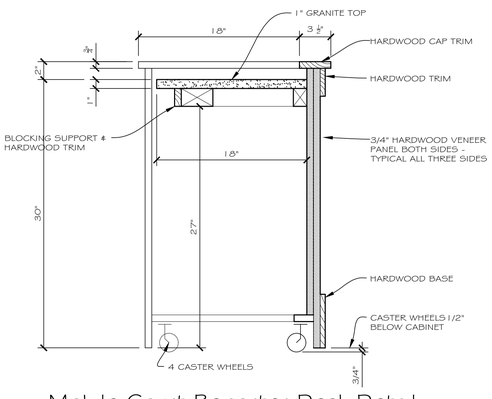

## Sections - low & high positions




## Back View

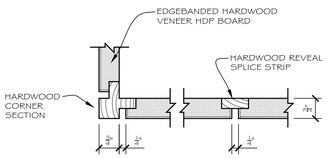
## PODIUM DETAILS

FOUR (4) UNITS REQUIRED




## Mobile Court Reporter Desk Detail

1 1/2" = 1'-0" — TWO (2) UNITS REQUIRED




## Typical Hardwood Panel Joint & Trim Details - Reveal Joints

3" = 1'-0"

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STATE OF MAINE

# Hancock Judicial Center

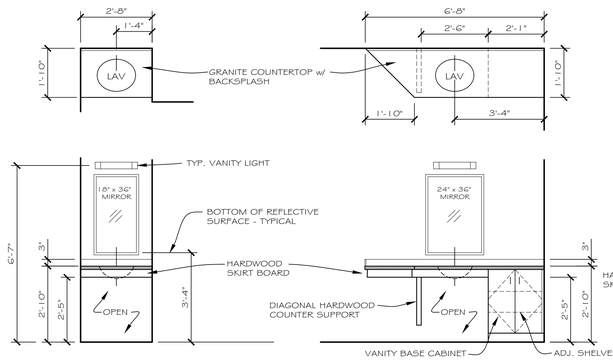
45 Merrill Lane - Ellsworth, Maine

Date: 01 MAY 2026

Scale: As Noted

Sheet Title: Courtroom Casework Details

Sheet # A38



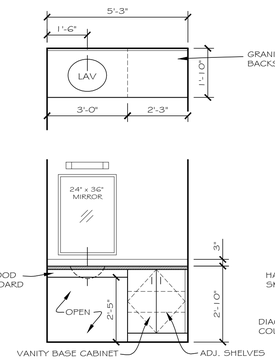

Staff Toilet 022

3/8" = 1'-0"



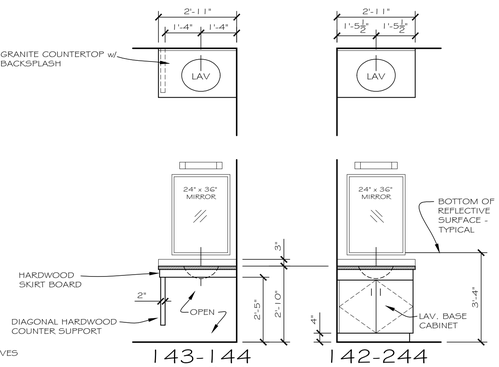

Staff Toilet/Shower 010

3/8" = 1'-0"



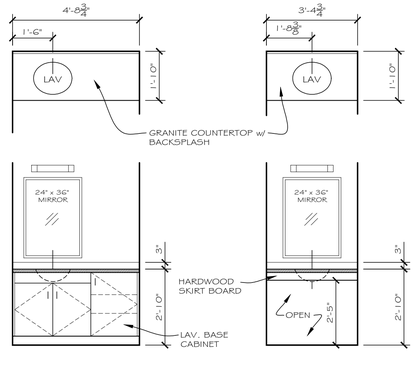

Judge Toilet Rooms
135-136-145-234-247

3/8" = 1'-0"




143-144
245-246
142-244
Staff Toilet Rooms

3/8" = 1'-0"



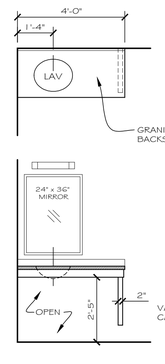

Jury Toilet
121-218

3/8" = 1'-0"



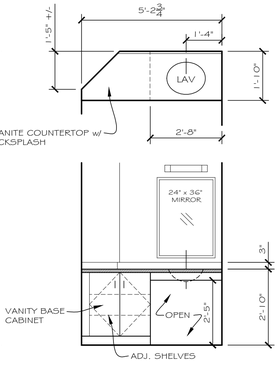

Jury Toilet
122-219

3/8" = 1'-0"



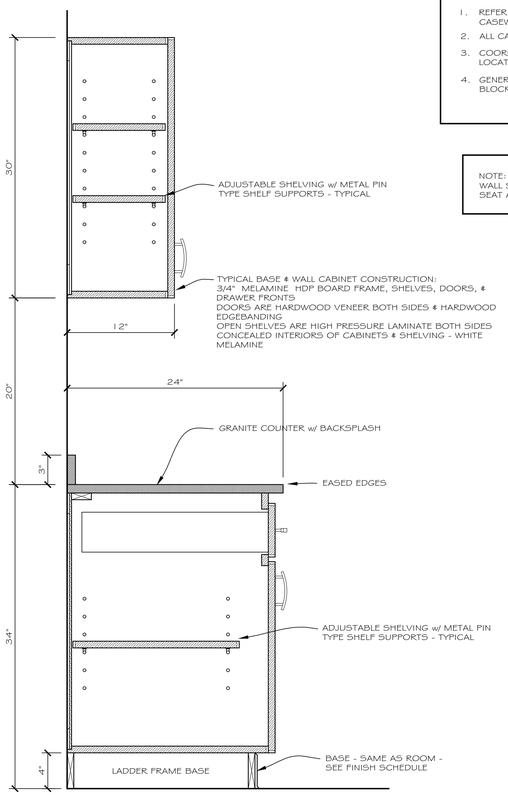

Mom's Room
212

3/8" = 1'-0"




Mom's Room
132

3/8" = 1'-0"



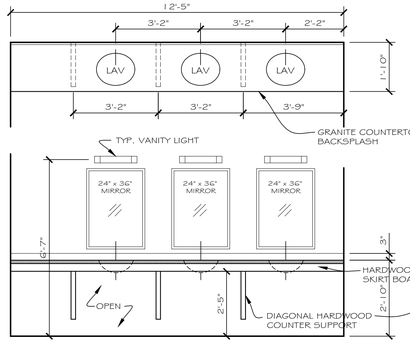

Typ. Base & Wall Cabinet Details

1 1/2" = 1'-0"

## CASEWORK GENERAL NOTES:

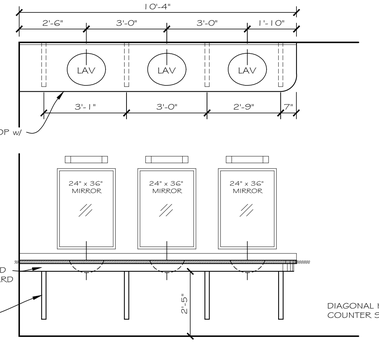
1. REFER ALSO TO OTHER ARCHITECTURAL DRAWINGS FOR CASEWORK & TRIM DETAILS
2. ALL CASEWORK DIMENSIONS SHALL BE FIELD VERIFIED
3. COORDINATE WITH THE ELECTRICAL CONTRACTOR FOR LOCATIONS OF ALL SWITCHES & RECEPTACLES
4. GENERAL CONTRACTOR SHALL PROVIDE & INSTALL WOOD BLOCKING IN WALLS FOR ALL ITEMS OF CASEWORK & TRIM

NOTE: SEE SECOND FLOOR PLAN AND MAIN ENTRANCE WALL SECTION #11 - SHEETS A4 & A34 - FOR BUILT-IN SEAT AT END OF LOBBY 201



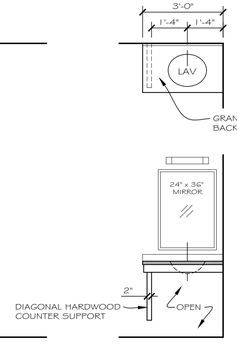

Public Men's Toilet 131-229

3/8" = 1'-0"



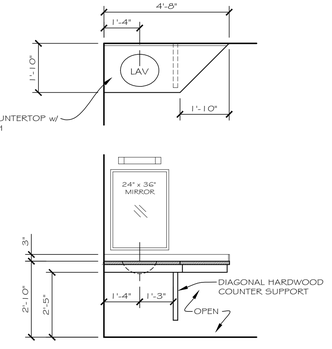

Public Women's Toilet 130-228

3/8" = 1'-0"



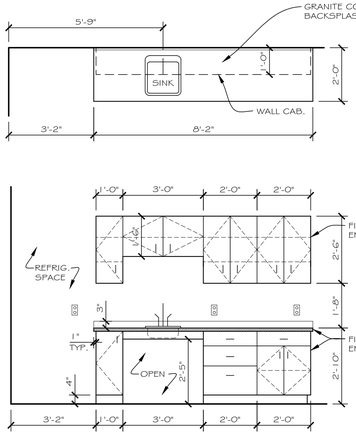

P. Toilet 129-227

3/8" = 1'-0"



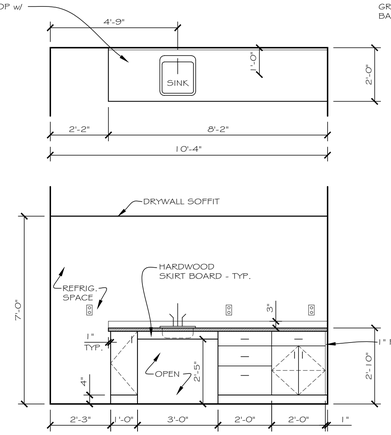

P. Toilet 128-226

3/8" = 1'-0"



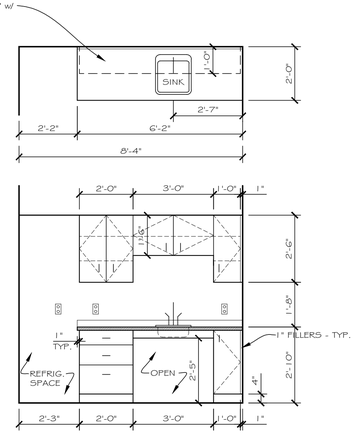

Staff Break Room 141

3/8" = 1'-0"



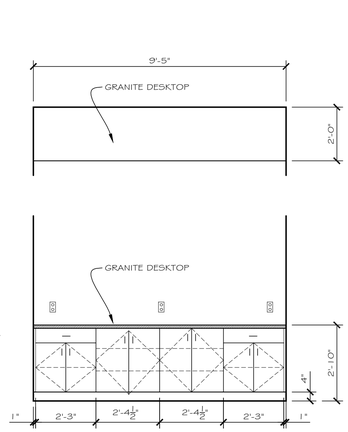

Jury Rooms 123 & 220

3/8" = 1'-0"




Marshals 241

3/8" = 1'-0"




Mediation Room 202

3/8" = 1'-0"

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Mark G. Carter • Architect •
P.O. Box 338 - Lyman, Maine 04002 Maine Licensed Architect

LICENSED ARCHITECT
MARK G. CARTER
No. 1913
STATE OF MAINE

# Hancock Judicial Center

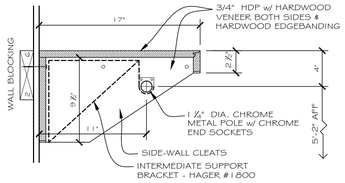
45 Merrill Lane - Ellsworth, Maine

Date: 01 MAY 2026

Scale: As Noted

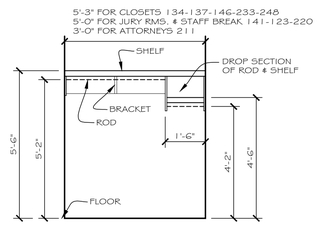
Sheet Title: Casework Details

Sheet # A39



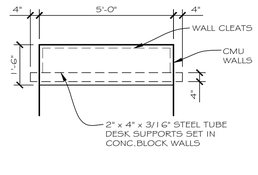

## Rod & Shelf Detail

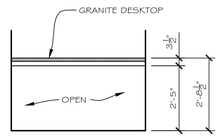
1 1/2" = 1'-0"




## Rod & Shelf Elevation

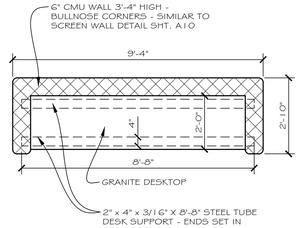
3/8" = 1'-0"



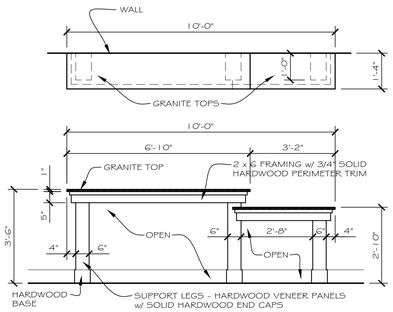

## Interview Rm. Counters

3/8" = 1'-0" QUANTITY OF EIGHT (8)



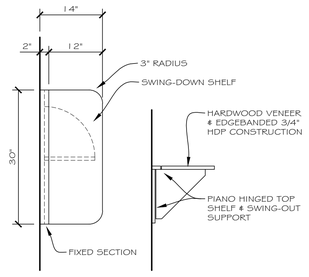

## Holding Areas 018 & 024 Staff Desks

3/8" = 1'-0"



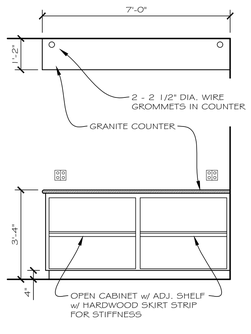

## Writing Counter - Lobby 104

3/8" = 1'-0"



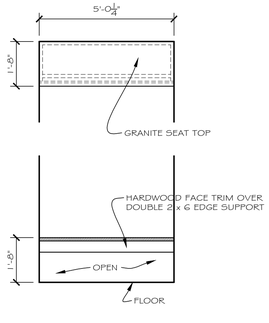

## Flip-Shelfs at Signing Windows

3/4" = 1'-0" QUANTITY OF FOUR (4)



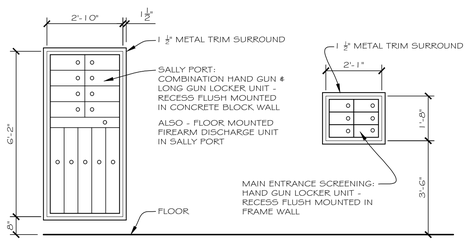

## Marshals' 006 & 008

3/8" = 1'-0"



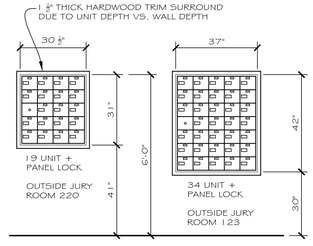

## Changing 007 & 009

3/8" = 1'-0"



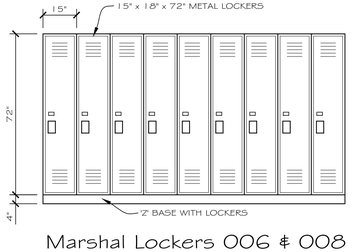

## Fire Arm Lockers

3/8" = 1'-0"



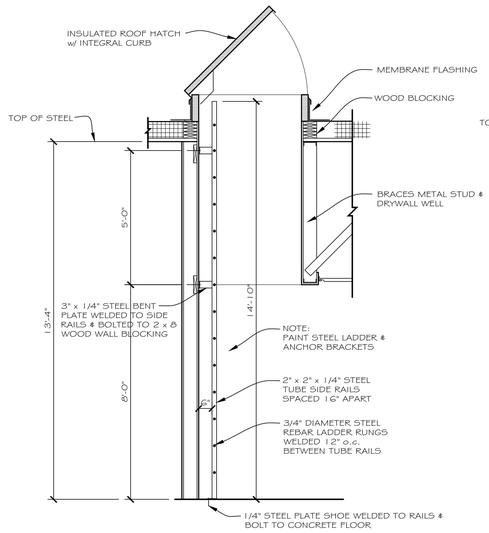

## Cell Phone Lockers

3/8" = 1'-0"



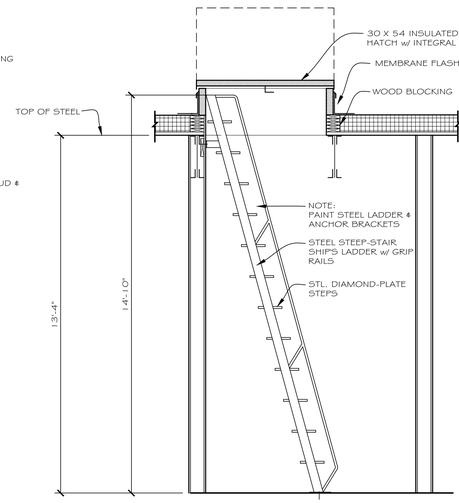

## Marshal Lockers 006 & 008

3/8" = 1'-0" 2 BANKS THUS



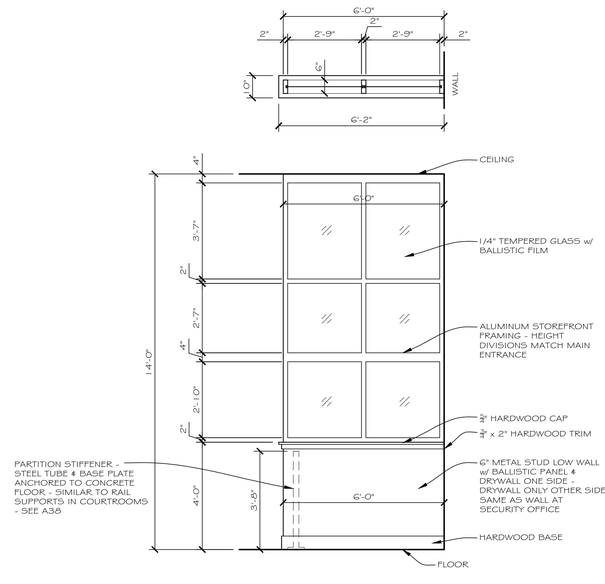

## Staff Stair ST-5 Roof Ladder Detail

3/8" = 1'-0"




## Mechanical Room 237 Roof Ladder Detail

3/8" = 1'-0"




## Security Partition at Main Entrance Screening

3/8" = 1'-0"

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Mark G. Carter • Architect •
P.O. Box 338 - Lyman, Maine 04002 Maine Licensed Architect

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No. 1913
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# Hancock Judicial Center

45 Merrill Lane - Ellsworth, Maine

Date: 01 MAY 2026

Scale: As Noted

Sheet Title: Casework & Misc. Details

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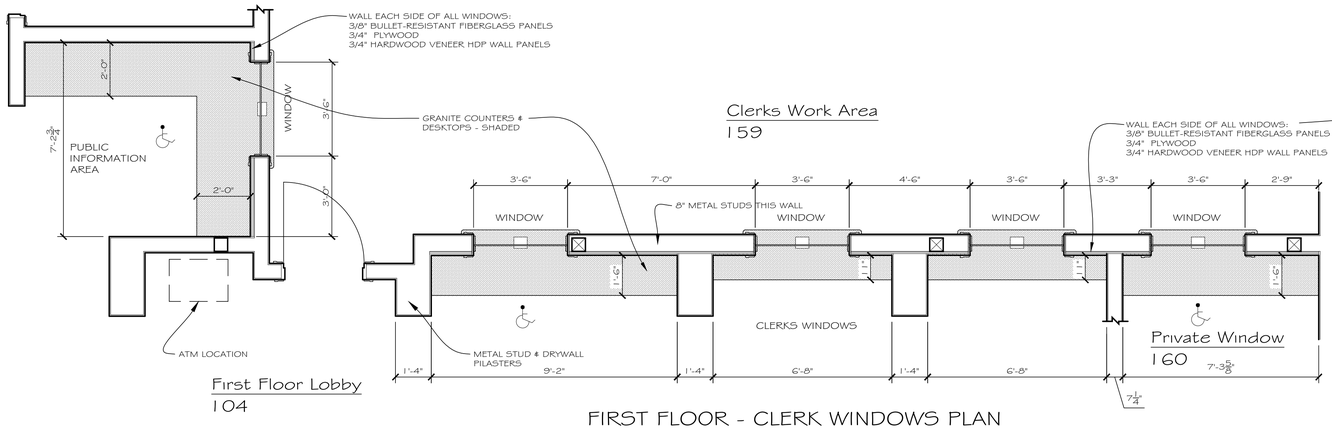
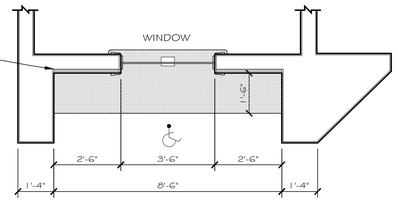



## FIRST FLOOR - CLERK WINDOWS PLAN

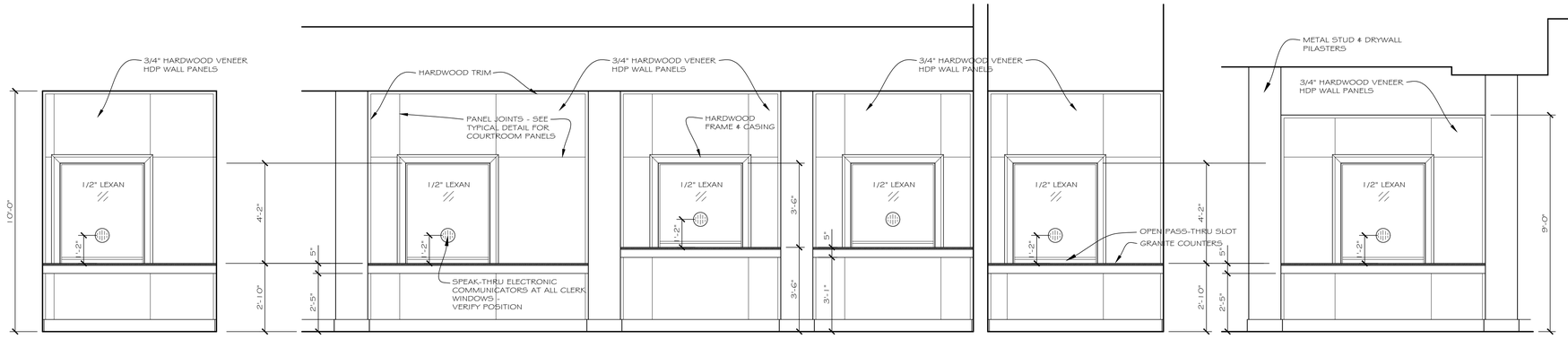
3/8" = 1'-0"




## SECOND FLOOR CLERK WINDOW PLAN

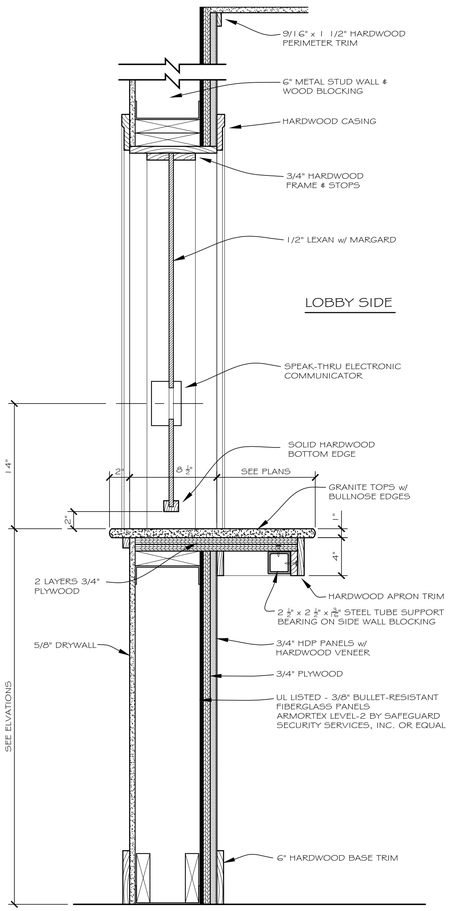
3/8" = 1'-0"

FIRST FLOOR JUROR CHECK-IN WINDOW SIMILAR



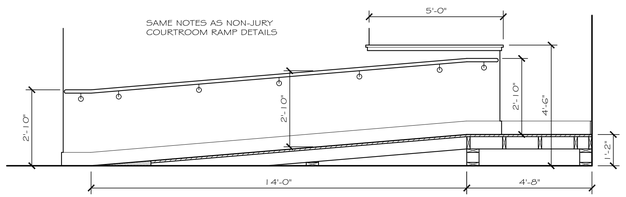

## CLERK WINDOW ELEVATIONS

3/8" = 1'-0" VIEWS FROM LOBBY SIDE

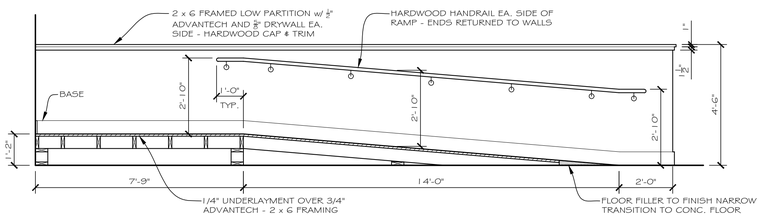



## CLERK WINDOWS DETAIL

1 1/2" = 1'-0"

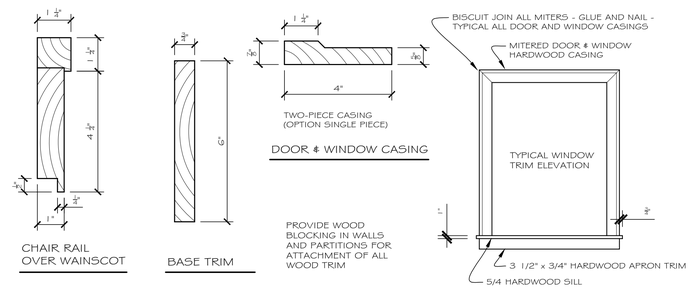



## Judge Ramps at Jury Courtrooms




## Judge Ramps at Non-Jury Courtrooms

3/8" = 1'-0"




## TYPICAL WOOD TRIM & CASING PROFILES

ALL CASINGS AND TRIM - SOLID HARDWOOD

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Sheet Title: Casework & Misc. Details

Sheet # A41

## PLUMBING FIXTURE LEGEND & SYMBOLS

| FIXTURE | FIXTURE NOTE | SYMBOLS | NOTES |
|---|---|---|---|
| LAVATORY-1 | LAV-1 | | |
| DIRECT HOT WATER STATION | DHWS | | |
| FLOOR DRAIN | FD | | |
| WATER CLOSET | WC | | |
| URINAL | UR | | |
| LAVATORY-2 | LAV-2 | | |
| SINK | SK-1 | | |
| JANITORS MOP | SK-2 | | |
| JANITORS SINK | SK-3 | | |
| SUMP PUMP | SP | SP-x | |
| FLOOR DRAIN INTERCEPTOR | FDI | | |
| ROOF DRAIN | RD | | |
| HOSE BIB | H.B. | | |
| ADA SHOWER | SHR-1 | | |
| H20 FILLING STATION | H20-1 | | |
| H20 FILLING STATION | H20-2 | | |
| EMERGENCY SHOWER | E-SHOWER | | |
| EMERGENCY EYE WASH | E-EYE WASH | | |
| CONDENSATE DRAIN BOX | CDB | | |

## PLUMBING INDEX OF DRAWINGS


P0.0 PLUMBING LEGENDS / SCH. / NOTES
P1.1 GROUND FLOOR PLUMBING FIXTURES
P1.2 FIRST FLOOR PLUMBING FIXTURES
P1.3 SECOND FLOOR PLUMBING FIXTURES
P2.1 PLUMBING SCHEDULES & DETAILS
P3.1 GROUND FL. SANITARY & STORM DRAIN
P3.2 FIRST FL. SANITARY & STORM DRAIN
P3.3 SECOND FL. SANITARY & STORM DRAIN
P3.4 ROOF LEVEL SANITARY PLUMBING
P4.1 GROUND FL. CONDENSATE DRAIN PIPING
P4.2 FIRST FL. CONDENSATE DRAIN PIPING
P4.3 SECOND FL. CONDENSATE DRAIN PIPING
P5.1 GROUND FL. DOMESTIC WATER PLAN
P5.2 FIRST FL. DOMESTIC WATER PLAN
P5.3 SECOND FL. DOMESTIC WATER PLAN


## PLUMBING FIXTURE CONNECTION SCHEDULE

| FIXTURE DESCRIPTION | FIXTURE NOTE | DCW | DHW | SW | VENT | NOTE |
|---|---|---|---|---|---|---|
| SINK-1 | SK-1 | ½" | ½" | 1½" | 1 ½" | |
| JANITORS MOP | SK-2 | ½" | ½" | 2" | 1 ½" | ACCESSORIES FLOOR MOUNTED |
| JANITORS SINK | SK-3 | ½" | ½" | 2" | 1 ½" | |
| LAVATORY-1 | LAV-1 | ½" | ½" | 1½" | 1 ½" | COUNTERTOP & BASIN BY GENERAL CONTRACTOR |
| LAVATORY-2 | LAV-2 | ½" | ½" | 1½" | 1 ½" | PENAL WALL HUNG CARRIER AUTO FAUCET 80F / ACCESS DOOR |
| WATER CLOSET-1 | WC-1 | | | 3" | 2" | AUTO FLUSH |
| WATER CLOSET- 2 | WC-2 | 1 ¼" | | 3" | 2" | PENAL FLOOR MOUNT AUTO FLUSH / ACCESS DOOR |
| URINAL | UR-1 | 1 | | 2" | 1 ½" | WALL HUNG CARRIER AUTO FLUSH |
| AIR HANDLER UNIT-1,2,3,4 | AHU-1 | | | 1" | 1 ½" | INDIRECT WASTE |
| FCU 1-7 | FCU- X | | | 1" | OPEN VENT | INDIRECT WASTE CONDENSATE |
| DOAS GRD LEVEL | DOAS-G | | | 1" | 1 ½" | INDIRECT WASTE |
| DOAS IST & 2ND LEVEL | DOAS-2 | | | (2) 1" | 1 ½" | CONDENSATE BOTTOM CONNECTIONS |
| HUMIDIFIER-1 | HUM-1 | ½" | | 1½" | INDIRECT | DRAIN DCW TEMPERING 2" STEAM DISCHARGE |
| HUMIDIFIER-2 | HUM-2 | | | 1½" | INDIRECT | DRAIN DCW TEMPERING 2" STEAM DISCHARGE |
| FLOOR DRAIN - INTERCEPTOR | FDI | | | 3" | 1 ½" | DRAIN DCW TEMPERING 2" STEAM DISCHARGE |
| SUMP PUMP 1,2,3,4 | SP-1,2,3,4 | | | 1½" | INDIRECT | PROVIDE WATER/OIL MONITOR/CONTROL PANEL-BMS |
| DHW MIX STATION | | 3/4" | | | | MIXED DHW TEMP. SENSOR-BMS |
| GLYCOL MIX STATION 1& 2 | GLYCOL MIX STATION | ½" | | | | LOW ALARM-BMS |
| FLOOR DRAIN | 2" & 3" FD | ⅜" | | 2"/3" | 1 ½" | PRIMER ABOVE CEILING PROVIDE CEILING ACCESS IF NOT T-BAR |
| AIR CONDITIONER-1,2,3&4 | AC-1,2,3&4 | | | ¾" | | CONDENSATE PUMP |
| AIR CONDITIONER-1T | AC-1T | ½" | | ¾" | | CONDENSATE PUMP |
| EYE WASH STATION / SHOWER | EWS-1 | ½" | ½" | 2" | 1 ½" | 80F MIX VALVE FAIL TO DCW ACCESS DOOR |
| CONDENSATE DRAIN BOX | CDB | | | 2" | 1 ½" | LOCKING COVER |
| HOSE BIBB | HB | ¾" | | | | LOCKING COVER |
| BACK FLOW PREVENTER | BFP | 3" | | | | |
| DHW HEATER(S) | DHWS 1 & 2 & 3 | ½" | ½" | | | |
| DHW CIRCULATOR PUMP(S) | DHWP | | | | | |
| BOILER 1&2 | BLK-1 & 2 | ¾" | | | | PROVIDE ¾" BFV |
| | | | | | | |

### PLUMBING GENERAL NOTES

QUALITY ASSURANCE

01.) ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE INTERNATIONAL PLUMBING CODE 2021.

02.) INSTALL ALL WORK TO COMPLY WITH ALL LAWS, REGULATIONS, CODES AND STANDARDS (FEDERAL, STATE, AND LOCAL), AS ADOPTED BY THE AGENCIES HAVING JURISDICTION, INCLUDING REASONABLY ANTICIPATED REVISIONS BASED ON INDUSTRY STANDARDS AND REGULATIONS. WHERE ANY OF THESE DIFFER, THE MOST STRINGENT SHALL APPLY.

03.) PROVIDE ALL MATERIALS AND EQUIPMENT AND PERFORM ALL LABOR REQUIRED TO INSTALL COMPLETE AND OPERABLE SYSTEMS AS INDICATED ON THE DRAWINGS AND SPECIFICATIONS. INCLUDE ALL NECESSARY AND APPLICABLE APPURTENANCES, WHETHER INDICATED OR NOT.

04.) ALL PLUMBING COMPONENTS WILL MEET THE U.S. ENVIRONMENTAL PROTECTION AGENCY (USEPA) AMENDMENTS TO SAFE WATER DRINKING ACT TO MEET "LEAD-FREE" REQUIREMENTS.

05.) LAYOUT AND INSTALLATION OF PIPING, EQUIPMENT AND APPURTENANCES INDICATED ON PLAN IS SCHEMATIC IN NATURE. EXACT LOCATION, ROUTING AND INSTALLATION TO BE COORDINATED WITH BUILDING STRUCTURES AND ALL OTHER TRADES.

06.) THESE DRAWINGS ARE SCHEMATIC IN NATURE AND ARE NOT INTENDED TO SHOW ALL POSSIBLE CONDITIONS. IT IS INTENDED THAT A COMPLETE PLUMBING SYSTEM BE PROVIDED WITH ALL NECESSARY EQUIPMENT, APPURTENANCES AND CONTROLS. THE CONTRACTOR SHALL CAREFULLY REVIEW ALL THE CONTRACT DOCUMENTS AND COORDINATE BETWEEN ALL TRADES PRIOR TO SUBMITTING SHOP DRAWINGS. THE CONTRACTOR SHALL VERIFY ALL SIZES, MATERIALS, TEMPERATURE AND PRESSURE RATINGS BEFORE ORDERING OR INSTALLING ANY MATERIALS OR EQUIPMENT.

COORDINATION

01.) UNLESS INDICATED OTHERWISE BY THE ARCHITECTURAL DOCUMENTATION (WHICH SHALL TAKE PRECEDENCE), PLUMBING FIXTURES AND EQUIPMENT MOUNTING HEIGHTS SHALL BE AS INDICATED ON ARCHITECTURAL PLUMBING FIXTURE LAYOUT SCHEDULE.

02.) PLUMBING PIPING IS NOT PERMITTED TO RUN ABOVE ANY ELECTRICAL SWITCH GEAR, MOTOR CONTROL CENTERS OR PANELS UNDER ANY CIRCUMSTANCES. LOCATION OF ELECTRICAL ITEMS TYPES TO BE DETERMINED AND CONFIRMED FROM INDICATION BY THE PROJECT ELECTRICAL DOCUMENTATION, AND ACTUAL INSTALLATION CONFIRMED WITH THE ELECTRICAL CONTRACTOR PRIOR TO START OF WORK.

03.)COORDINATE WITH LOCATION OF ALL UTILITY CONNECTION POINTS, FLOOR DRAINS AND HUB DRAINS FOR EQUIPMENT WITH OTHER TRADES.

04.) ENSURE THAT WORK WILL NOT INTERFERE OR INTERRUPT SERVICES TO AREAS OUTSIDE OF THE DESIGNATED CONTRACT AREAS. AS ANY OTHER INTERRUPTIONS OF EXISTING SERVICES BECOMES NECESSARY, SCHEDULE SUCH INTERRUPTIONS WITH THE OWNER PRIOR TO THEIR COMMENCEMENT. GIVE THE OWNER NO LESS THAN ONE WEEK NOTICE AS TO WHEN EXPECTED INTERRUPTIONS. WORK SHALL BE PERFORMED AT SUCH TIMES AS DIRECTED BY THE OWNER.

05.) COORDINATE EXACT REQUIREMENTS AND LOCATION OF WORK WITH THE WORK OF OTHER TRADES PRIOR TO FABRICATION. PROVIDE ADDITIONAL OFF SETS AND SECTIONS OF PIPING AS MAY BE REQUIRED TO MEET THE APPLICABLE JOB CONDITION REQUIREMENTS. VERIFY JOB-SITE ELEVATIONS, DIMENSIONS, AND CONDITIONS, PRIOR TO FABRICATION OR INSTALLATION OF THE WORK. COORDINATE EXACT ROUTING OF PIPING WITH OTHER TRADES SO THAT NO CONFLICTS OCCUR WITH DUCTWORK, PIPING, LIGHTS, STRUCTURE, ETC..

06.) ALL PIPING PENETRATIONS THRU COUNTERTOPS BY PLUMBING CONTRACTOR. PROVIDE CHROME PLATED ESCUTCHEON.

07.) PLUMBING PIPING SHALL EXTEND 5'-0" BEYOND BUILDING. COORDINATE WITH SITE UTILITY PLAN FOR THE CONNECTION AND CONTINUATION OF PIPING.

TRADE PRACTICES

01.) THE SIZES OF SANITARY WASTE, VENT, AND WATER BRANCH PIPING TO SINGLE FIXTURES SHALL BE AS SCHEDULED IN THE PLUMBING FIXTURE CONNECTION SCHEDULE. ALL HORIZONTAL SANITARY DRAINAGE, SANITARY VENT, CONDENSATE DRAINAGE AND STORM DRAINAGE PIPING SHALL BE INSTALLED AT $\frac{1}{8}$" PER FOOT SLOPE FOR PIPES 3" OR LARGER AND AT $\frac{1}{4}$" PER FOOT FOR 2-1/2" AND SMALLER PIPES.

02.) CONTRACTOR TO PROVIDE MISCELLANEOUS STEEL AS REQUIRED TO SUPPORT EQUIPMENT AND ASSOCIATED COMPONENTS SUCH AS CONTROL PANELS, TANKS, VALVES, PIPING, VARIABLE SPEED DRIVES, ETC.. MISCELLANEOUSLY STEEL TO CONSIST OF GALVANIZED STRUT, ANGLE IRON, CHANNELS OR OTHER STANDARD GALVANIZED STEEL ELEMENTS. ALL WELDED CONNECTIONS TO BE GROUND AND COLD GALVANIZED IN THE FIELD.

03.) PROVIDE BACKFLOW PREVENTER OR VACUUM BREAKER IN DOMESTIC WATER LINES, WHERE BACKFLOW OR BACK PRESSURE MAY OCCUR, AS REQUIRED BY THE STATE OR LOCAL JURISDICTION. EQUIPMENT SUCH AS COFFEE MAKERS, CARBONATED VENDING MACHINES, WATER COOLED ICE MAKERS, HOSE BIBBS AND WALL HYDRANTS ARE TO INCLUDE BACKFLOW PREVENTION DEVICES IN THE WATER LINES THAT SERVE THEM.

04.) PROVIDE SHUT-OFF BALL VALVE IN WATER LINES SERVING TRAP PRIMER DISTRIBUTION UNITS, BALANCING VALVES AND WATER HAMMER ARRESTORS.

05.) PROVIDE WATER HAMMER ARRESTORS ON HOT AND COLD WATER LINES AT ENDS OF MAINS. AT ENDS OF BRANCH LINES, AT END OF LINES SERVING GROUPS OF PLUMBING FIXTURES AND FOR ALL QUICK CLOSING VALVES. SIZE AND INSTALL ARRESTORS TO ELIMINATE WATER HAMMER. INSTALL WHERE ACCESSIBLE FOR SERVICE AND PROVIDE ISOLATION VALVE AND ACCESS DOOR IF REQUIRED.

06.) PROVIDE LINE SIZED SHUT-OFF VALVE IN ALL HOT AND COLD WATER BRANCHES SERVING PLUMBING FIXTURES OR EQUIPMENT.

07.) THE CONTRACTOR SHALL INSTALL A TEST TEE IN THE NEW SANITARY WASTE AND VENT PIPING IN ORDER TO TEST THE SYSTEM.

08.) ALL SANITARY VENT LINES BELOW GRADE ARE TO TAKE OFF FROM SANITARY WASTE BRANCHES MINIMUM 6" OFF TOP OR AT 45 DEGREE.

09.) PROVIDE INSULATION FOR ALL STORM, DCW, DHW, DHWR, AND CHILLED WATER PER SPECIFICATIONS.

10.) UNLESS INDICATED OTHERWISE, ALL FIXTURES AND EQUIPMENT PROVIDED WITH PLUMBING SUPPLY PIPING TO BE FURNISHED WITH APPROVED/LISTED STOPS IN ACCESSIBLE LOCATIONS.

11.) ALL ITEMS THAT REQUIRE MAINTENANCE OR ADJUSTMENT SHALL BE INSTALLED IN ACCESSIBLE LOCATIONS. PROVIDE APPROPRIATELY SIZED ACCESS PANEL/ DOOR AS REQUIRED.

FIRE BUILDING SAFETY

01.) THE CONTRACTOR IS RESPONSIBLE FOR FIRE STOPPING AT ALL PLUMBING RELATED PENETRATIONS OF FIRE, SMOKE AND OTHER RATED STRUCTURES, INCLUDING FLOORS, WALLS, PARTITIONS, ETC.. REFER TO ARCHITECTURAL DOCUMENTATION FOR LOCATIONS OF ALL RATED STRUCTURES, AND SPECIFIC INFORMATION AND REQUIREMENTS PERTAINING TO SAME.

02.) ALL FLOOR PENETRATIONS TO BE SEALED WATER TIGHT AND COMPLETELY PACKED WITH SEALANT OR FIRE STOP MATERIAL WHERE APPLICABLE BY TRADE CONTRACTORS.

## PLUMBING LEGENDS & NOTES


Armstrong Engineering
Mechanical / Electrical Design Consultants
94 Presque Isle Street, Fort Fairfield, Maine 04742
Phone: (207) 473-7117 Fax: (207)-476-5621



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- ☐ FOR PROJECT CONSTRUCTION
- ☐ RECORD DRAWINGS

STATE OF MAINE — JEFFREY M. ARMSTRONG No. 5372 — LICENSED PROFESSIONAL ENGINEER

HANCOCK JUDICIAL CENTER
45 MERRILL LANE
ELLSWORTH, MAINE
Construction Project

| REV | DATE | DESCRIPTION |
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SCALE: 1/8" = 1'
0' 12'

P0.0

SHEET TITLE: PLUMBING LEGENDS & NOTES

DATE: MAY 01, 2026

PROJECT#2501.15

For: PROJECT BIDDING

# GROUND FLOOR PLUMBING FIXTURES

SCALE: 1/8" = 1'

0' 20' 40'


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Mechanical / Electrical Design Consultants
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ELLSWORTH, MAINE

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SCALE: 1/8" = 1'

0' 12'

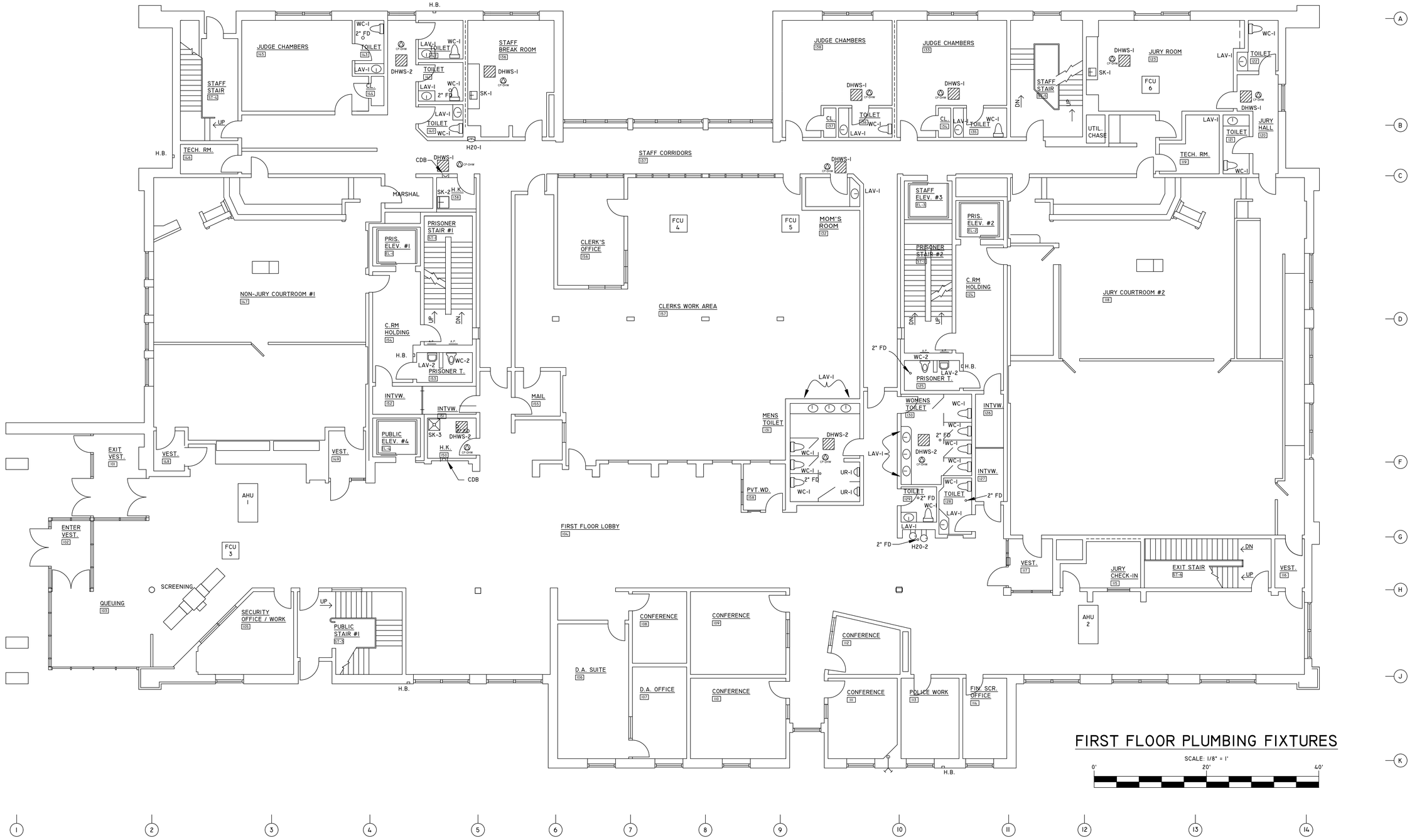
P1.1

SHEET TITLE: GROUND FLOOR PLUMBING FIXTURES

DATE: MAY 01, 2026

PROJECT#2501.15

For: PROJECT BIDDING




## FIRST FLOOR PLUMBING FIXTURES

SCALE: 1/8" = 1'

0' 20' 40'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STATE OF MAINE · JEFFREY M. ARMSTRONG · No. 5372 · LICENSED PROFESSIONAL ENGINEER

# HANCOCK JUDICIAL CENTER

45 MERRILL LANE
ELLSWORTH, MAINE

Construction Project

| REV | DATE | DESCRIPTION |
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SCALE: 1/8" = 1'

0' 12'

PI.2

SHEET TITLE: FIRST FLOOR PLUMBING FIXTURES

DATE: MAY 01, 2026

PROJECT#2501:15

For: PROJECT BIDDING

# SECOND FLOOR PLUMBING FIXTURES

SCALE: 1/8" = 1'

0' 20' 40'


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Mechanical / Electrical Design Consultants
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JEFFREY M. ARMSTRONG
No. 5372
LICENSED
PROFESSIONAL ENGINEER

HANCOCK JUDICIAL CENTER
45 MERRILL LANE
ELLSWORTH, MAINE

Construction Project

| REV | DATE | DESCRIPTION |
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SCALE: 1/8" = 1'
0' 12'

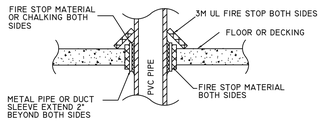
PI.3

SHEET TITLE: SECOND FLOOR PLUMBING FIXTURES

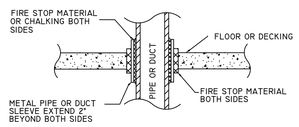
DATE: MAY 01, 2026

PROJECT#25015

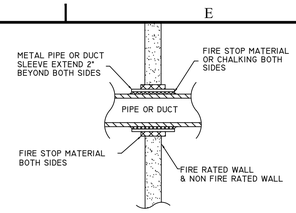
For: PROJECT BIDDING



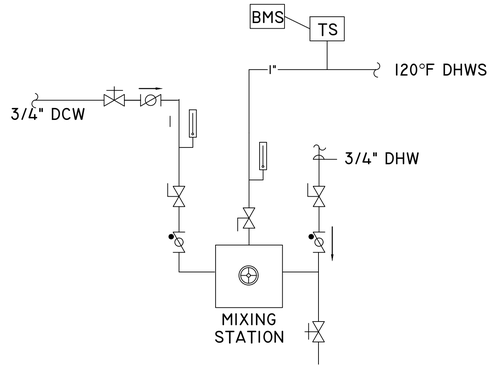

PVC VERTICAL PIPE
FLOOR OR DECK PENETRATION DETAIL
NOT TO SCALE



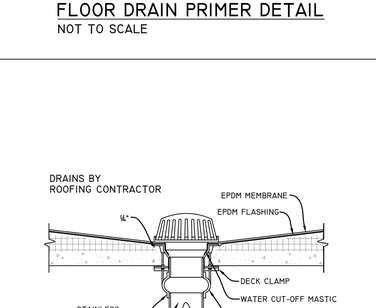

FLOOR OR DECK PENETRATION DETAIL
NOT TO SCALE




WALL PENETRATION DETAIL
NOT TO SCALE

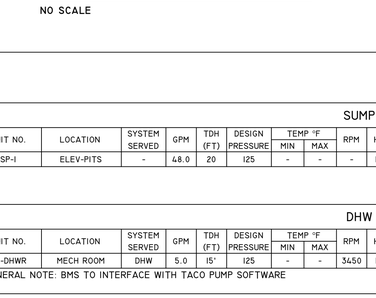



DHW MIX STATION PIPING SCHEMATIC
NOT TO SCALE



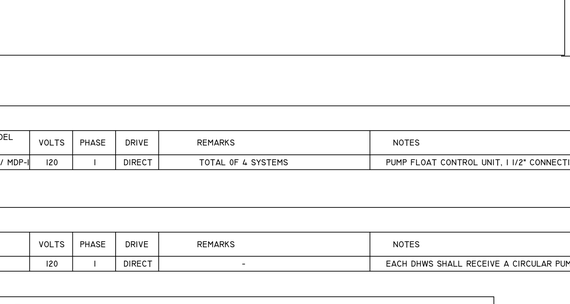

TYPICAL SK-1DETAIL
NOT TO SCALE

TYPICAL INTEGRAL COUNTER & SK-1SUPPLIED BY OTHERS




TYPICAL LAV-1 DETAIL
NOT TO SCALE

TYPICAL INTEGRAL COUNTER & LAV-1 SUPPLIED BY OTHERS




DOMESTIC HOT WATER PIPING SCHEMATIC
NOT TO SCALE




FLOOR DRAIN PRIMER DETAIL
NOT TO SCALE




STEAM HUMIDIFIER PIPING DETAIL
NO SCALE




MECHANICAL ROOM DCW ENTRANCE
BFP & PRV STATION DETAIL
N.T.S.




TYPICAL EXTERIOR CLEANOUT DETAIL
N.T.S.




ROOF DRAIN DETAIL
SCALE: 1"= 1'

SUMP PUMP SCHEDULE

| UNIT NO. | LOCATION | SYSTEM SERVED | GPM | TDH (FT) | DESIGN PRESSURE | TEMP °F MIN | TEMP °F MAX | RPM | H.P. | TYPE | MAKE / MODEL | VOLTS | PHASE | DRIVE | REMARKS | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SP-1 | ELEV-PITS | - | 48.0 | 20 | 125 | - | - | - | 1/3 | - | LITTLE GIANT / MDP-1 | 120 | 1 | DIRECT | TOTAL OF 6 SYSTEMS | PUMP FLOAT CONTROL UNIT, 1 1/2" CONNECTION |

DHW PUMP SCHEDULE

| UNIT NO. | LOCATION | SYSTEM SERVED | GPM | TDH (FT) | DESIGN PRESSURE | TEMP °F MIN | TEMP °F MAX | RPM | H.P. | TYPE | MODEL TACO | VOLTS | PHASE | DRIVE | REMARKS | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CP-DHWR | MECH ROOM | DHW | 5.0 | 15' | 125 | - | - | 3450 | 1/8 | INLINE | 009-BC-1 | 120 | 1 | DIRECT | - | EACH DHWS SHALL RECEIVE A CIRCULAR PUMP |

GENERAL NOTE: BMS TO INTERFACE WITH TACO PUMP SOFTWARE

ELECTRIC DHW HEATER SCHEDULE

| TAG NO. | SERVICE | MAKE / MODEL AO SMITH / | STORAGE CAPACITY | FLANGE SIZE | UNIT SIZE | HEIGHT | WEIGHT | RECOVERY RATE 90°F RISE | WATTS | VOLTAGE | FLOW RATE | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DHWS-1 | DHW SYSTEM POINT OF USE | EPU-2.5 | 2.5 GAL. | 1" NPT | 12"W X 10"D | 15" | 17 LBS | 7.1 GPM | 1440 | 120/ 1PH | NA | DIGITAL CONTROL |
| DHWS-2 | DHW SYSTEM POINT OF USE | EPU-6 | 6.0 GAL. | 1" NPT | 14"W X 10"D | 20" | 24 LBS | 7.1 GPM | 1440 | 120/ 1PH | NA | DIGITAL CONTROL |
| DHWS-3 | EYE/ SHOWER | EJCS-20 | 19 GAL. | 1" NPT | 18" DIA. | 24" | 68 LBS | 11.0 GPM | 2500 | 208/ 1PH | NA | DIGITAL CONTROL |

EXPANSION TANK SCHEDULE

| TAG NO. | SERVICE | MAKE & MODEL | TANK VOLUME | TANK DIA. | TANK HEIGHT | ACCEPTANCE VOLUME | REMARKS |
|---|---|---|---|---|---|---|---|
| ET-1 | DHW STATION | AMTROL / ST-5 | 2.0 | 8" | 13 | .9 GAL | - |

PLUMBING SCHEDULES & DETAILS

SCALE: 1/8" = 1'
0' 20' 40'

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HANCOCK JUDICIAL CENTER
45 MERRILL LANE
ELLSWORTH, MAINE

Construction Project

| REV | DATE | DESCRIPTION |
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SCALE: NTS

P2.1

SHEET TITLE: PLUMBING SCHEDULES & DETAILS

DATE: MAY 01, 2026

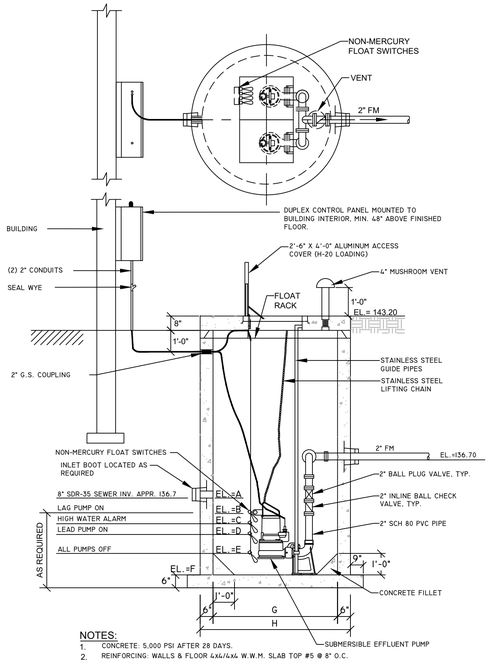
PROJECT#25011:15

For: PROJECT BIDDING

# NOTES

1. LIFT STATION SHALL BE DUPLEX LIFT STATION PANEL AND CONTROLS FOR THE OPERATIONS OF 2.0 HOMA GRINDER PUMP OPERATING AT APPROXIMATELY THE DUTY POINT LISTED IN THE TABLE BELOW. THE PUMPS ARE MODEL GRPI6/3 FM, 3 PHASE, 60 HZ, 460 VOLT, 3450 RPM AND 5.4 FLA WITH THE INSTALLED IMPELLER.
2. PUMPS SHALL HAVE BREAK AWAY FITTINGS. BREAK AWAY FITTINGS SHALL BE NON-SPARKING.
3. ALL UNDERGROUND ELECTRIC POWER LINES SHALL BE INSTALLED IN PVC CONDUIT. ABOVE GROUND SERVICES SHALL BE INSTALLED IN SCHEDULE 40 GALVANIZED CONDUIT. SIZES AS REQUIRED BY ELECTRIC COMPANY. ALL ELECTRICAL WIRING SHALL MEET ALL LOCAL AND NEC ELECTRICAL CODE REQUIREMENTS.
4. THE PANEL SHALL BE EQUIPPED WITH AN INNER DOOR THAT HAS ELAPSED TIMED METERS, WARNING LIGHTS FOR TEMPERATURE AND MOISTURE SENSORS, CONTROL SWITCHES FOR THE INDIVIDUAL PUMPS (AUTO, OFF AND RUN) AND A CONTROL SWITCH FOR THE ALARM WITH TEST AND SILENCE.
5. THE MAIN BREAKERS (CONTROL AND PUMPS) AND FUSES FOR BOTH THE ALARM AND CONTROLS SHALL BE ACCESSIBLE WITHOUT OPENING THE INNER DOOR.
6. THE PANEL SHALL HAVE BOTH AMBER VISIBLE ALARM LIGHT AND AN AUDIBLE PIEZO 80DB ALARM. THE ENCLOSURE SHALL BE A STAINLESS STEEL NEMA 4X RATED, UL698A COMPLIANT LISTED ENCLOSURE RATED FOR THE PUMPS WITH A WIRING SCHEMATIC PROVIDED ON THE INNER FACE OF THE PANEL DOOR. THE DOOR SHALL HAVE A WEATHER SEAL AND LOCKABLE LATCHES.
7. THE PANEL SHALL HAVE THE REQUIRED CIRCUITRY, CONTROLLERS, CIRCUIT BREAKERS, DELAYS, MOTOR STARTERS, RELAYS, TERMINAL BLOCK AND GROUNDING REQUIRED TO OPERATE THE PUMPS IN AN ALTERNATING SEQUENCE. PANEL, CONTROLS AND ELECTRICAL COMPONENTS SHALL BE EXPLOSION PROOF AND INTRINSICALLY SAFE.
8. THE PANEL SHALL BE MANUFACTURED BY SJE RHOMBUS, PRIMEX CONTROLS, CSI OR APPROVED EQUIVALENT.
9. THE PUMPS, CONTROLS, FLOATS AND FLOAT RACK SHALL BE SUPPLIED BY ONE DISTRIBUTOR OR MANUFACTURER. FLOAT SWITCHES SHALL BE INSTALLED WITH KWIK FLOAT SWITCH CONNECTION SYSTEM. DISTRIBUTOR OR MANUFACTURER SUPPLYING EQUIPMENT SHALL CONFIRM ALL EQUIPMENT MEETS THE INTENT OF THIS SPECIFICATION, AND THAT ALL EQUIPMENT SUPPLIED IS COMPATIBLE FOR THIS SPECIFIC APPLICATION. ALL EQUIPMENT SUPPLIED REQUIRING FACTORY START-UP TO OBTAIN WARRANTY SHALL BE INCLUDED AND PERFORMED BY FACTORY AUTHORIZED PERSONNEL. ANY DEFICIENCIES SHALL BE ADDRESSED PRIOR TO FINAL ACCEPTANCE.
10. PUMP POWER/CONTROL CABLES AND FLOAT CABLES SHALL BE ROUTED TO THE WET WELL IN SEPARATE CONDUITS WITH THE PROPER EXPANSION JOINTS, SEAL OFFS, AND EXPANSION JOINTS. PUMP AND FLOAT CABLES SHALL BE WIRED FORM WET WELL DIRECTLY TO PANEL WITH NO INTERMEDIATE JUNCTION BOXES. WIRE SIZING AND CONDUITS FEEDING AND LEAVING THE CONTROL PANEL SHALL BE PROPERLY SIZED, SHALL SUPPORT THE LOAD OF TWO PUMPS OPERATING AND MEET ALL APPLICABLE LOCAL, STATE AND NEC ELECTRICAL CODES.
11. PUMPS SHALL BE PROVIDED WITH TEMPERATURE AND MOISTURE SENSORS MATCHED TO THE PUMPS.
12. FLOAT CONTROLS SHALL BE NON-MERCURY MECHANICAL FLOATS.
13. CONCRETE: 5,000 PSI AFTER 28 DAYS. REINFORCING STEEL MIN. YIELD STRESS OF 40,000 PSI.
14. REINFORCING: WALLS & FLOOR 4X4/4X4 W.W.M. SLAB TOP #5 @ 8" O.C.
15. THE ACCESS HATCH SHALL BE H20 LOADING AND MANUFACTURED BY THE BILCO COMPANY OR EQUIVALENT. HATCH SHALL OPEN TOWARDS PUMP STATION PANEL AND HAVE INTEGRAL SECONDARY FALL PROTECTION.
16. ALL LIFT STATION PIPING SHALL BE SCH 80 PVC.
17. COAT EXTERIOR OF STRUCTURES WITH KOPPERS BITUMASTIC 3000 M OR EQUAL.
18. WET WELL SHALL BE INSTALLED ON A MINIMUM 12" BED OF SCREENED GRAVEL.
19. CONTRACTOR TO CONFIRM OPERATING ELEVATIONS WITH ENGINEER BEFORE ORDERING STATION.
20. CONTRACTOR TO SUBMIT SPECIFICATIONS FOR PUMPS, CONTROL PANELS, AND ALARM FOR OWNER AND ENGINEERS APPROVAL.
21. ELECTRIC SERVICES SHALL BE VERIFIED BY CONTRACTOR AND COORDINATED WITH OWNER, ELECTRIC COMPANY AND PUMP STATION MANUFACTURER PRIOR TO INSTALLATION. CONTRACTOR SHALL PROVIDE AND INSTALL ALL ELECTRICAL COMPONENTS REQUIRED FOR PUMP STATION MEETING APPLICABLE STATE, FEDERAL AND LOCAL CODES.
22. PRIOR TO CONSTRUCTION, CONTRACTOR SHALL MEET ON-SITE WITH OWNER AND ENGINEER TO REVIEW LOCATION OF PUMP STATION. DEPENDING ON PHYSICAL SITE FEATURES, THE ENGINEER RESERVES THE RIGHT TO MODIFY LOCATION.
23. UPON INSTALLATION OF PUMP STATION, CONTRACTOR SHALL PROVIDE OWNER WITH THE FOLLOWING:
    a. OPERATION AND MAINTENANCE MANUALS.
    b. ONE-YEAR WARRANTY ON ALL STRUCTURES, PUMP STATION MECHANICS AND ELECTRIC COMPONENTS, ALL PIPING AND CONNECTIONS.
    c. STARTUP REPORT THAT INCLUDES DRAW DOWN TESTS TO DETERMINE THE OPERATING POINTS FOR BOTH PUMPS.

| PUMP PARAMETERS | |
|---|---|
| STATION | 1 |
| PUMP | HOMA |
| MODEL | GRPI6/3 FM |
| IMPELLER | 5-1/32" |
| FLOW (GPM) | 42.6 |
| TDH (FT) | 48.3 |
| VOLTAGE | 460 |
| HP | 1.9 |
| PHASE | 3 |
| HERTZ | 60 |
| RPM | 3450 |




NOTES:
1. CONCRETE: 5,000 PSI AFTER 28 DAYS.
2. REINFORCING: WALLS & FLOOR 4X4/4X4 W.W.M. SLAB TOP #5 @ 8" O.C.
3. PUMP STATION TO BE SUPERIOR CONCRETE ITEM 370IA OR APPROVED EQUAL.

| PUMP STATION SCHEDULE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| PUMP STATION | MEASUREMENT (FT.) | | | | | | | |
| | A | B | C | D | E | F | G | H |
| 1 | 136.70 | 136.20 | 135.70 | 135.20 | 133.95 | 132.45 | 5.0 | 6.0 |

## PUMP STATION
NOT TO SCALE

## GENERAL NOTE:
PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR PIPING INSTALLATION ONLY. PUMPS, CONTROLS, MANWAY SHALL BE PROVIDED BY OTHERS.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- ☐ RECORD DRAWINGS

STATE OF MAINE — JEFFREY M. ARMSTRONG No. 5372 — LICENSED PROFESSIONAL ENGINEER

HANCOCK JUDICIAL CENTER
45 MERRILL LANE
ELLSWORTH, MAINE

Construction Project

| REV | DATE | DESCRIPTION |
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SCALE: NTS

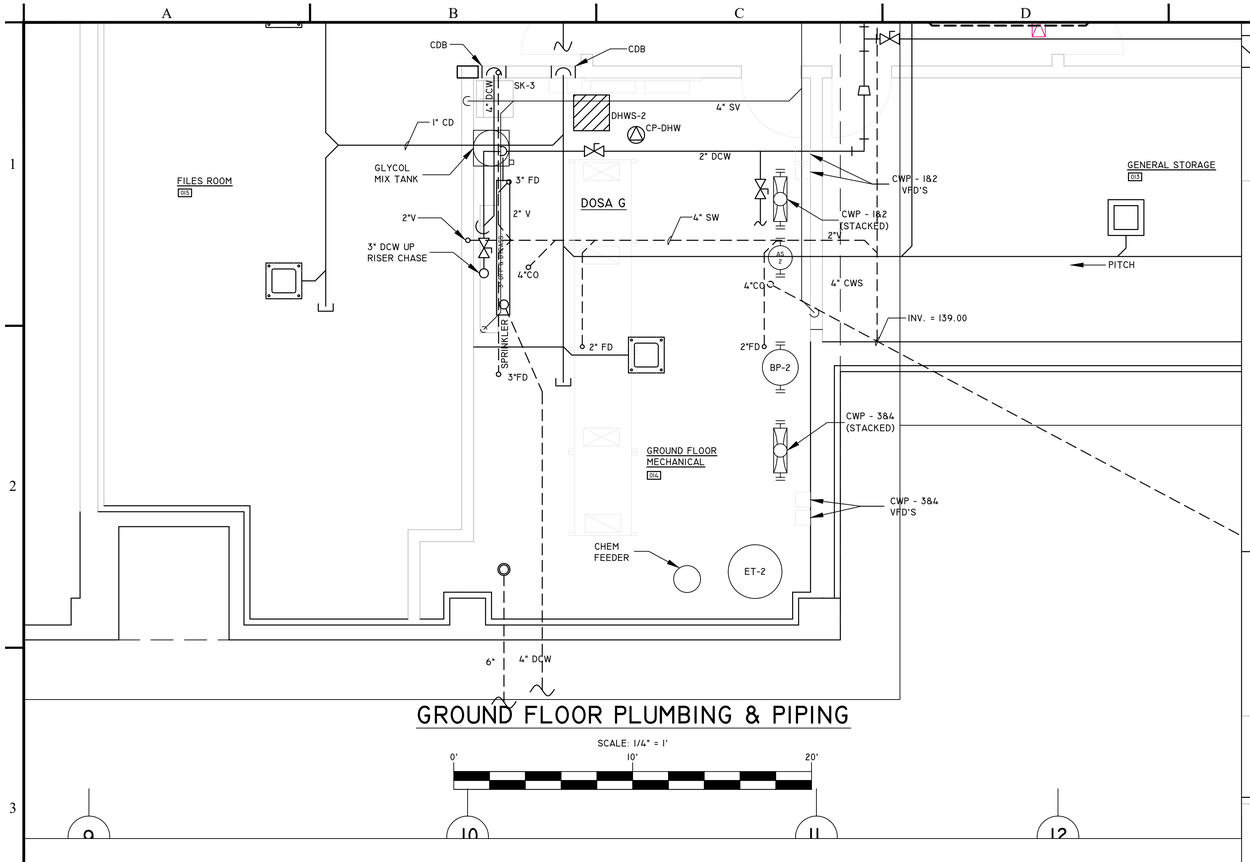
P2.2

SHEET TITLE: PLUMBING DETAILS

DATE: MAY 01, 2026

PROJECT#2501:15

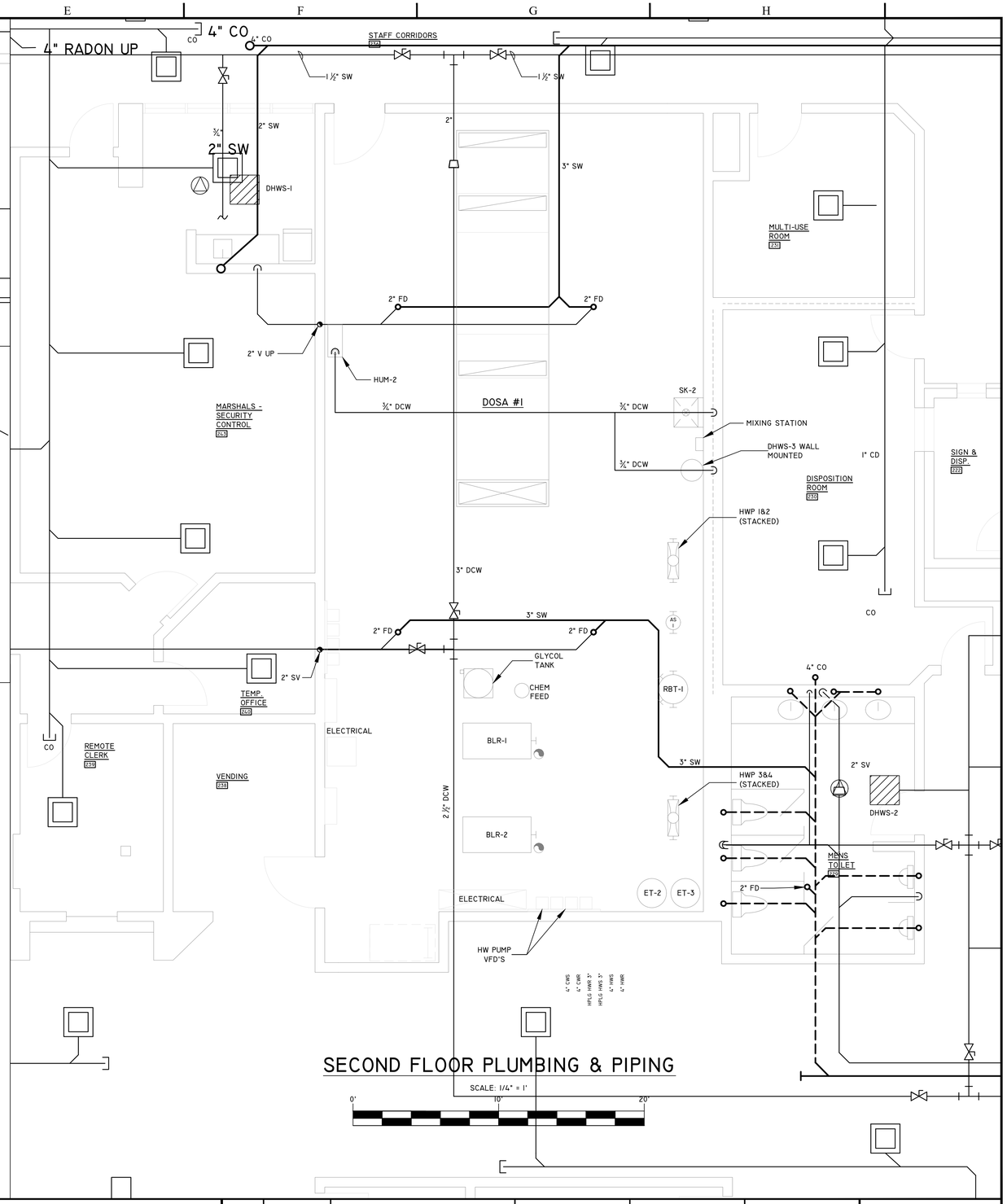
For: PROJECT BIDDING




## GROUND FLOOR PLUMBING & PIPING

SCALE: 1/4" = 1'

0' 10' 20'




## SECOND FLOOR PLUMBING & PIPING

SCALE: 1/4" = 1'

0' 10' 20'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HANCOCK JUDICIAL CENTER
45 MERRILL LANE
ELLSWORTH, MAINE

Construction Project

| REV | DATE | DESCRIPTION |
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SCALE: NTS

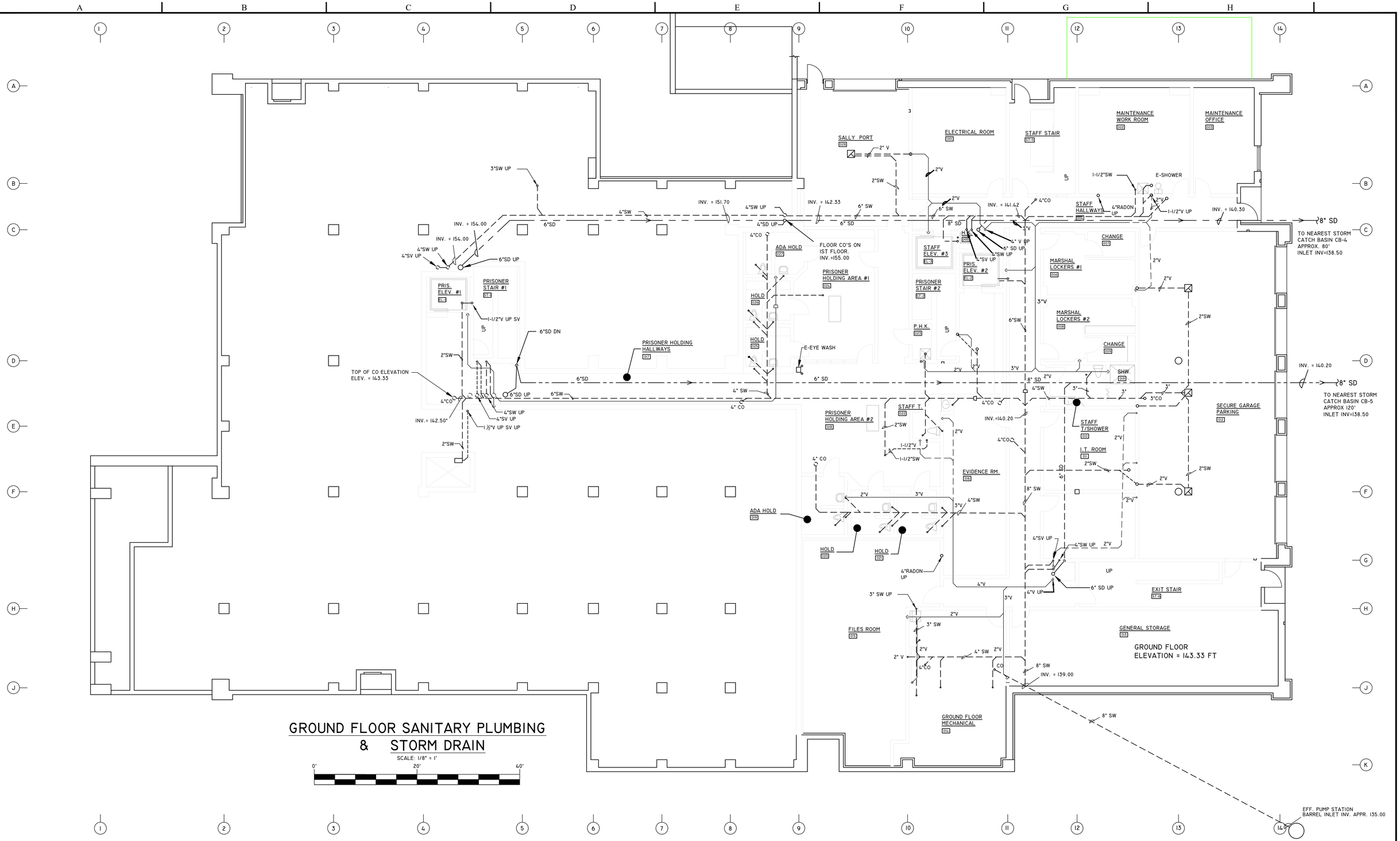
P2.3

SHEET TITLE: MECHANICAL PARTIAL PLUMBING PLANS

DATE: MAY 01, 2026

PROJECT#2501.15

For: PROJECT BIDDING




# GROUND FLOOR SANITARY PLUMBING & STORM DRAIN

SCALE: 1/8" = 1'

0' 20' 40'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45 MERRILL LANE
ELLSWORTH, MAINE

Construction Project

| REV | DATE | DESCRIPTION |
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SCALE: 1/8" = 1'
0' 12'

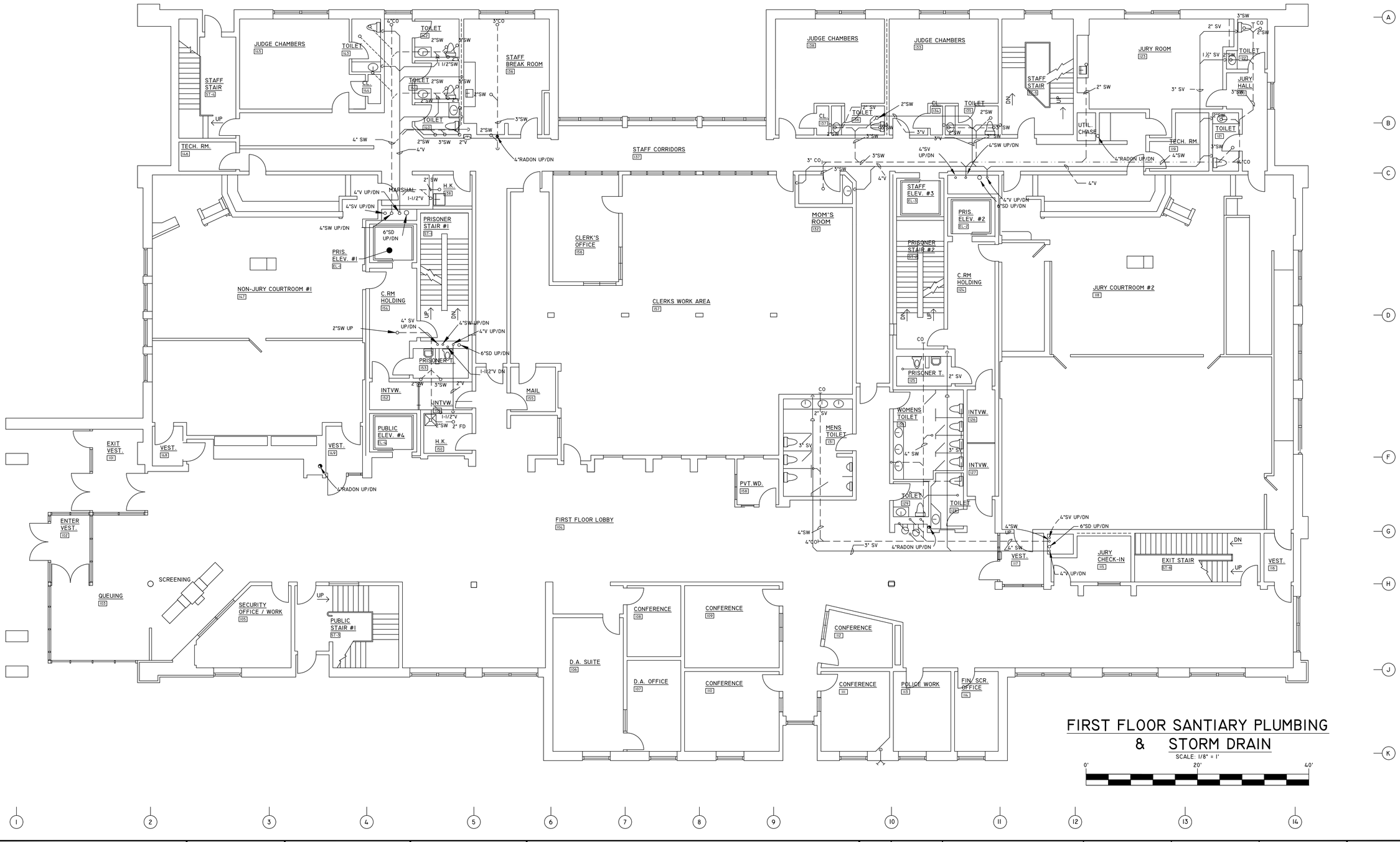
P3.1

SHEET TITLE: GROUND FLOOR SANITARY WASTE /VENT PLUMBING & STORM DRAIN

DATE: MAY 01, 2026

PROJECT#2501:15

For: PROJECT BIDDING




# FIRST FLOOR SANTIARY PLUMBING & STORM DRAIN

SCALE: 1/8" = 1'

0' 20' 40'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No. 5372
LICENSED
PROFESSIONAL ENGINEER

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45 MERRILL LANE
ELLSWORTH, MAINE

Construction Project

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SCALE: 1/8" = 1'
0' 12'

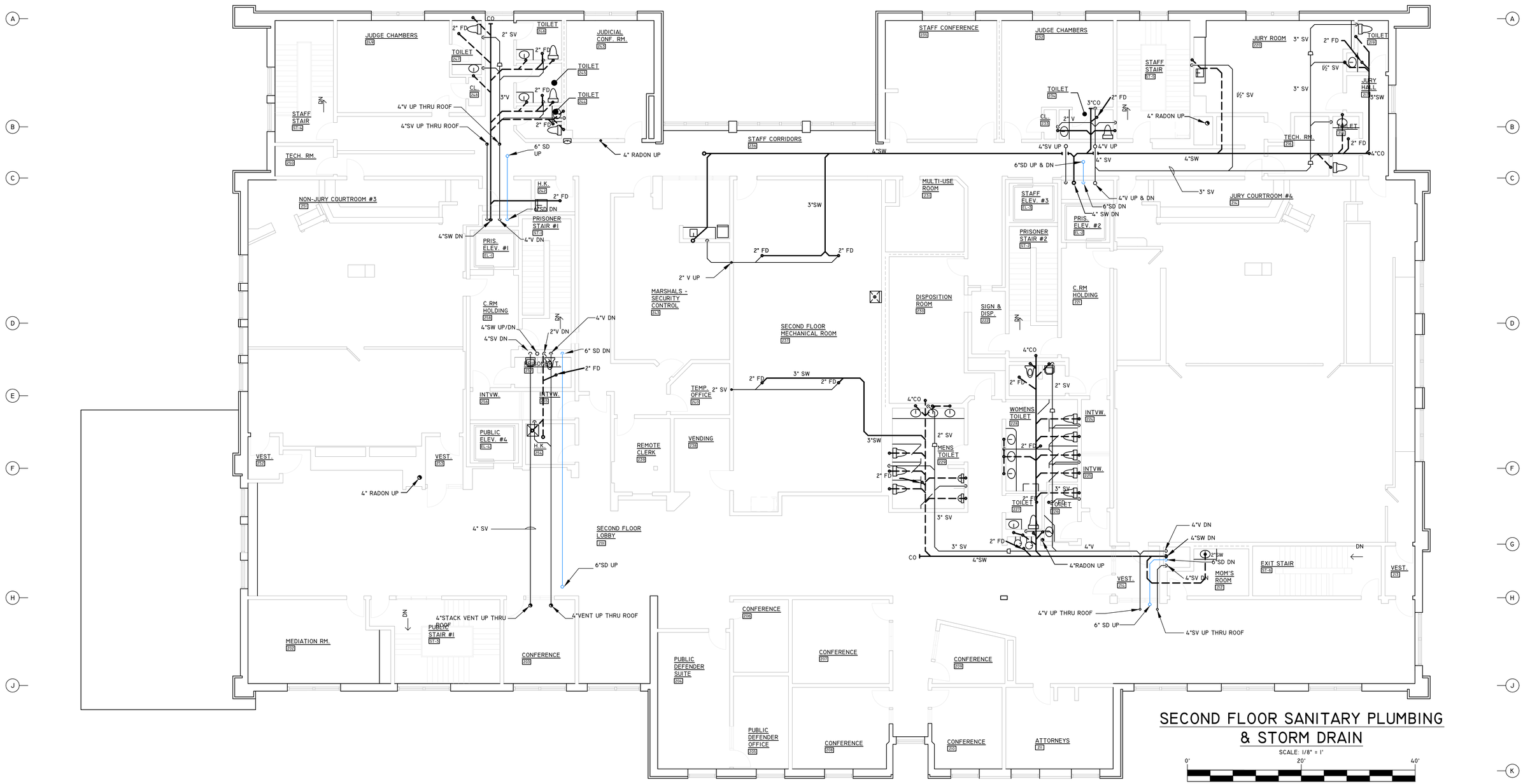
P3.2

SHEET TITLE:
FIRST FLOOR SANITARY PLUMBING & STORM DRAIN

DATE: MAY 01, 2026

PROJECT#2501:15

For: PROJECT BIDDING




# SECOND FLOOR SANITARY PLUMBING & STORM DRAIN

SCALE: 1/8" = 1'

0' 20' 40'

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| REV | DATE | DESCRIPTION |
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SCALE: 1/8" = 1'
0' 12'

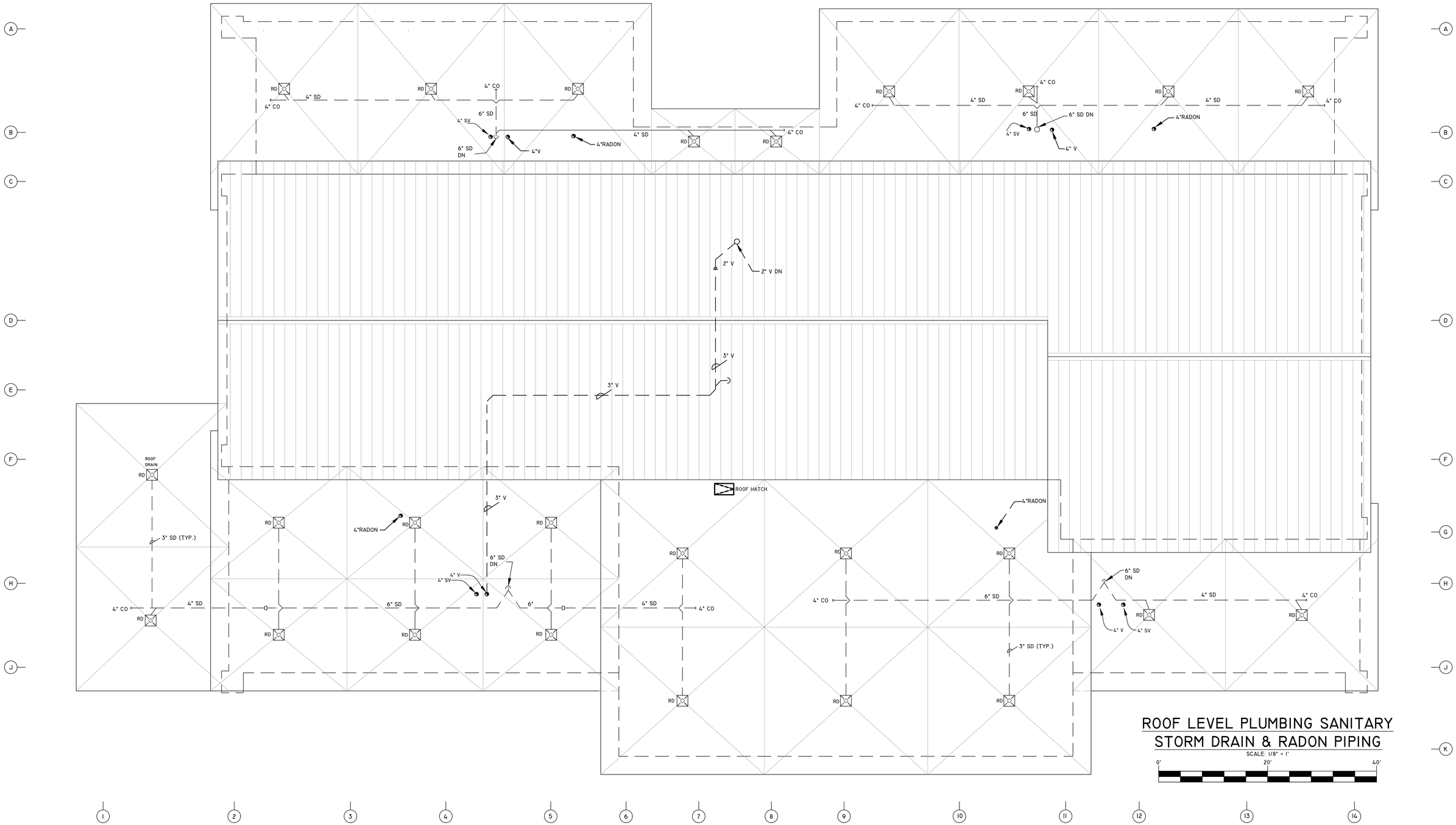
P3.3

SHEET TITLE: SECOND FLOOR SANITARY PLUMBING & STORM DRAIN

DATE: MAY 01, 2026

PROJECT#2501.15

For: PROJECT BIDDING




# ROOF LEVEL PLUMBING SANITARY STORM DRAIN & RADON PIPING

SCALE: 1/8" = 1'

0' 20' 40'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HANCOCK JUDICIAL CENTER
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Construction Project

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SCALE: 1/8" = 1'
0' 12'

P3.4

SHEET TITLE: ROOF LEVEL SANITARY / STORM DRAIN / RADON PIPING

DATE: MAY 01, 2026

PROJECT#2501:15

For: PROJECT BIDDING

# GROUND FLOOR PLUMBING CONDENSATE DRAIN PIPING

SCALE: 1/8" = 1'

0' 20' 40'

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HANCOCK JUDICIAL CENTER
45 MERRILL LANE
ELLSWORTH, MAINE

Construction Project

| REV | DATE | DESCRIPTION |
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SCALE: 1/8" = 1'
0' 12'

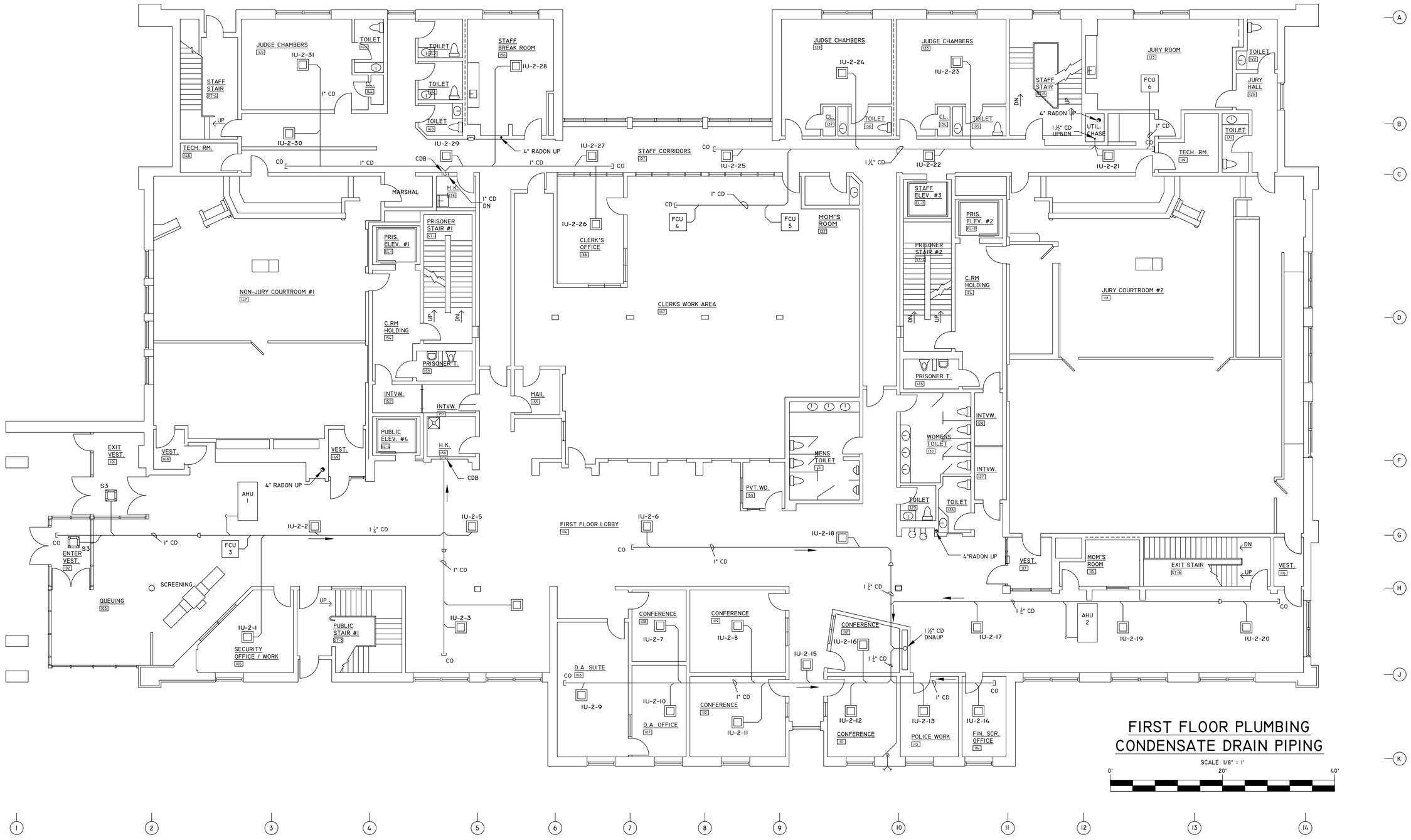
P-4.1

SHEET TITLE: GROUND FLOOR CONDENSATE DRAIN PIPING

DATE: MAY 01, 2026

PROJECT#25011.15

For: PROJECT BIDDING




# FIRST FLOOR PLUMBING CONDENSATE DRAIN PIPING

SCALE: 1/8" = 1'

0' 20' 40'

| | |
|---|---|
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Construction Project

| REV | DATE | DESCRIPTION |
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SCALE: 1/8" = 1'
0' 12'

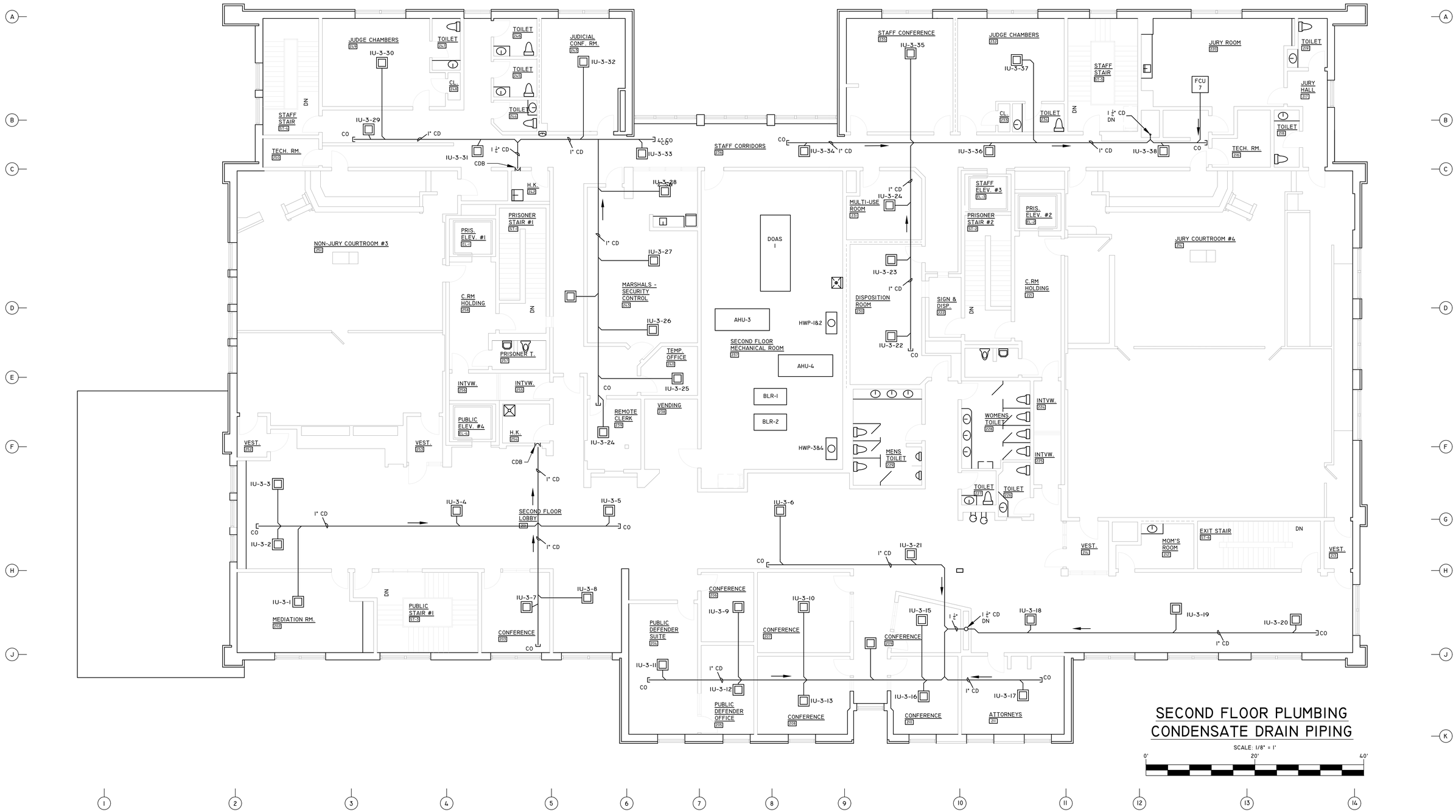
P-4.2

SHEET TITLE: FIRST FLOOR CONDENSATE PIPING

DATE: MAY 01, 2026

PROJECT#2501:15

For: PROJECT BIDDING




# SECOND FLOOR PLUMBING CONDENSATE DRAIN PIPING

SCALE: 1/8" = 1'

0' 20' 40'

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SCALE: 1/8" = 1'
0' 12'

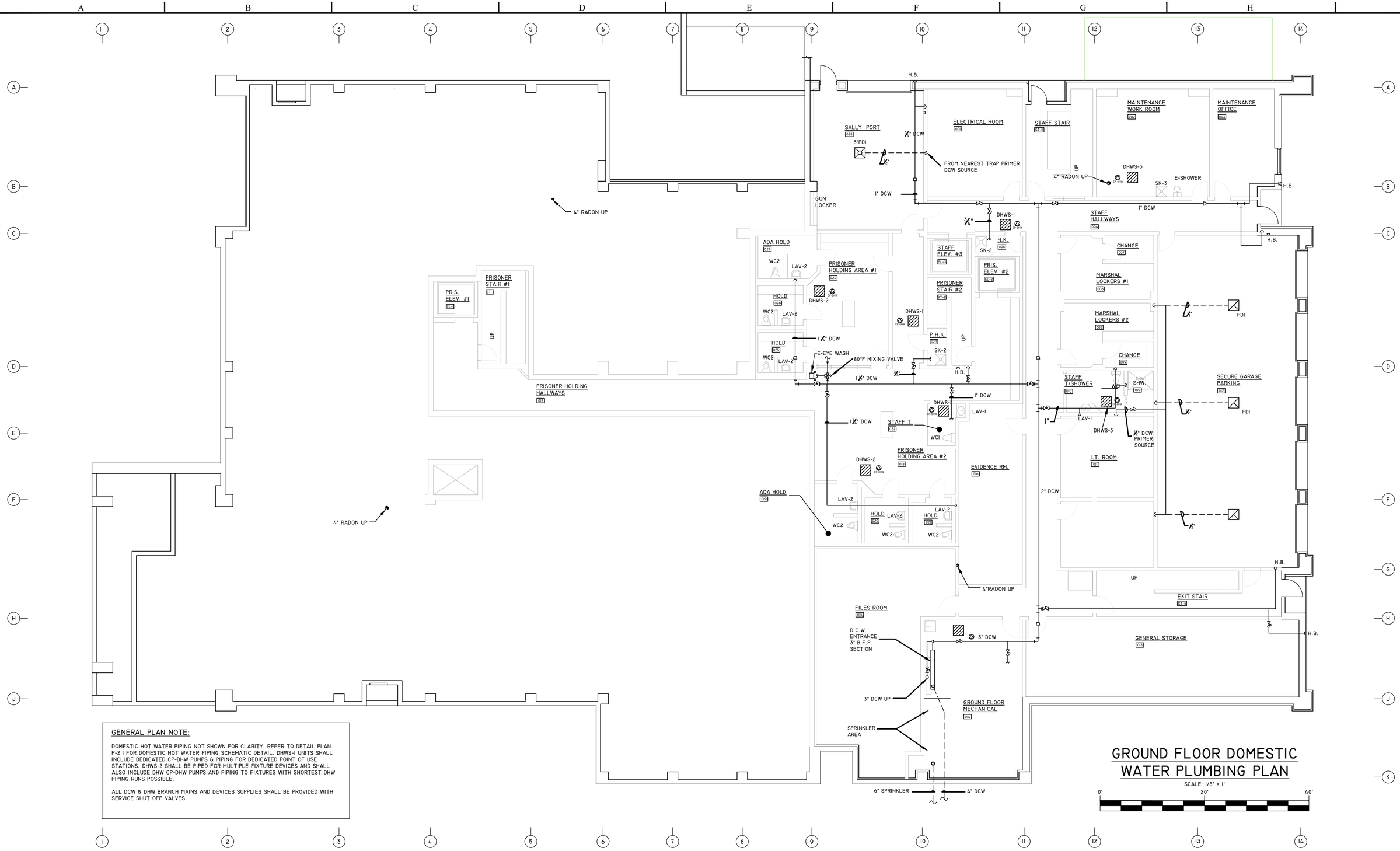
P-4.3

SHEET TITLE: SECOND FLOOR CONDENSATE DRAIN PIPING

DATE: MAY 01, 2026

PROJECT#2501.15

For: PROJECT BIDDING




## GENERAL PLAN NOTE:

DOMESTIC HOT WATER PIPING NOT SHOWN FOR CLARITY. REFER TO DETAIL PLAN P-2.1 FOR DOMESTIC HOT WATER PIPING SCHEMATIC DETAIL. DHWS-1 UNITS SHALL INCLUDE DEDICATED CP-DHW PUMPS & PIPING FOR DEDICATED POINT OF USE STATIONS. DHWS-2 SHALL BE PIPED FOR MULTIPLE FIXTURE DEVICES AND SHALL ALSO INCLUDE DHW CP-DHW PUMPS AND PIPING TO FIXTURES WITH SHORTEST DHW PIPING RUNS POSSIBLE.

ALL DCW & DHW BRANCH MAINS AND DEVICES SUPPLIES SHALL BE PROVIDED WITH SERVICE SHUT OFF VALVES.

# GROUND FLOOR DOMESTIC WATER PLUMBING PLAN

SCALE: 1/8" = 1'

0' 20' 40'

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HANCOCK JUDICIAL CENTER
45 MERRILL LANE
ELLSWORTH, MAINE

Construction Project

| REV | DATE | DESCRIPTION |
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SCALE: 1/8" = 1'
0' 12'

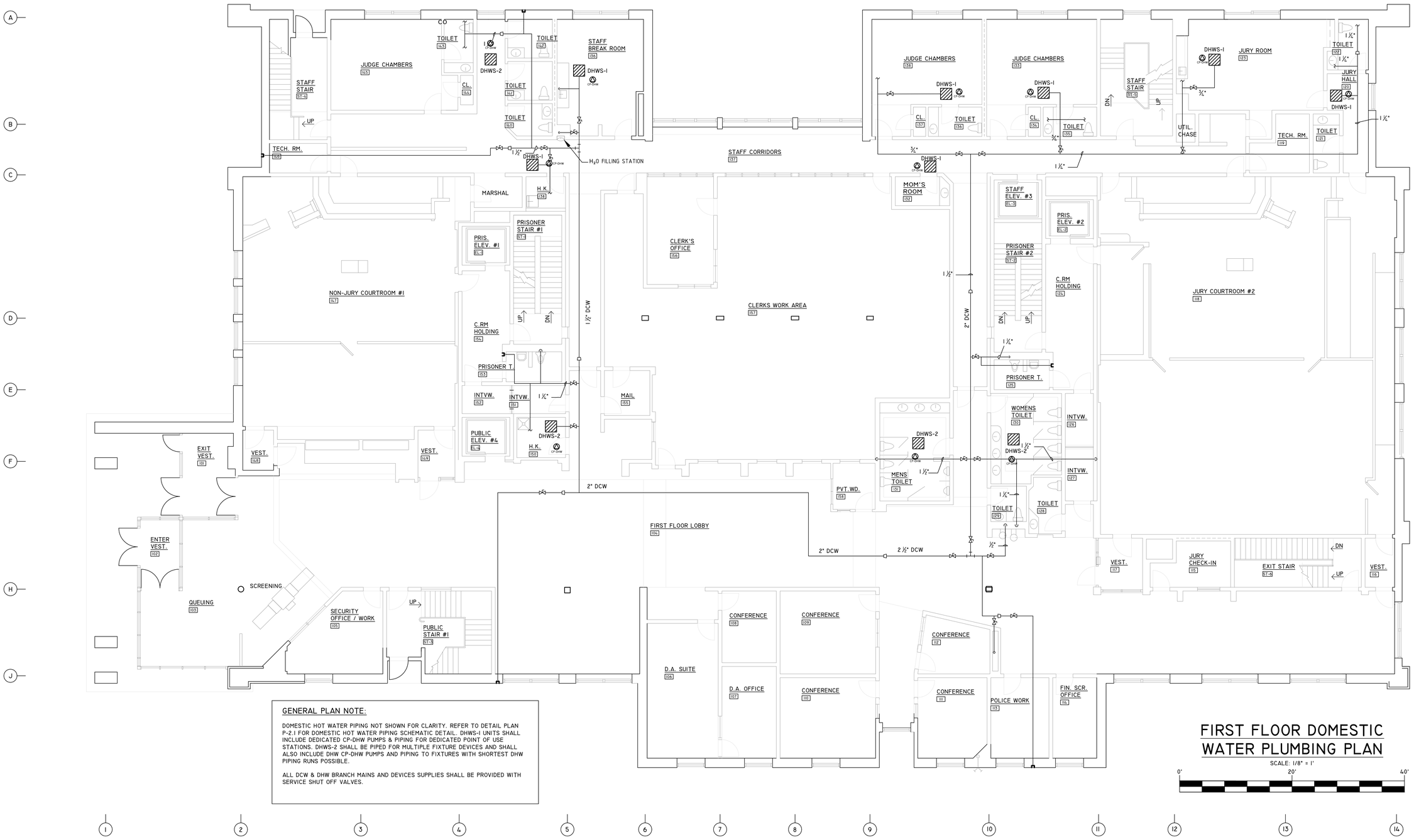
P5.1

SHEET TITLE: GROUND FLOOR DOMESTIC WATER PLUMBING

DATE: MAY 01, 2026

PROJECT#2501.15

For: PROJECT BIDDING




## GENERAL PLAN NOTE:

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ALL DCW & DHW BRANCH MAINS AND DEVICES SUPPLIES SHALL BE PROVIDED WITH SERVICE SHUT OFF VALVES.

# FIRST FLOOR DOMESTIC WATER PLUMBING PLAN

SCALE: 1/8" = 1'

0' 20' 40'

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HANCOCK JUDICIAL CENTER
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ELLSWORTH, MAINE

Construction Project

| REV | DATE | DESCRIPTION |
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SCALE: 1/8" = 1'
0' 12'

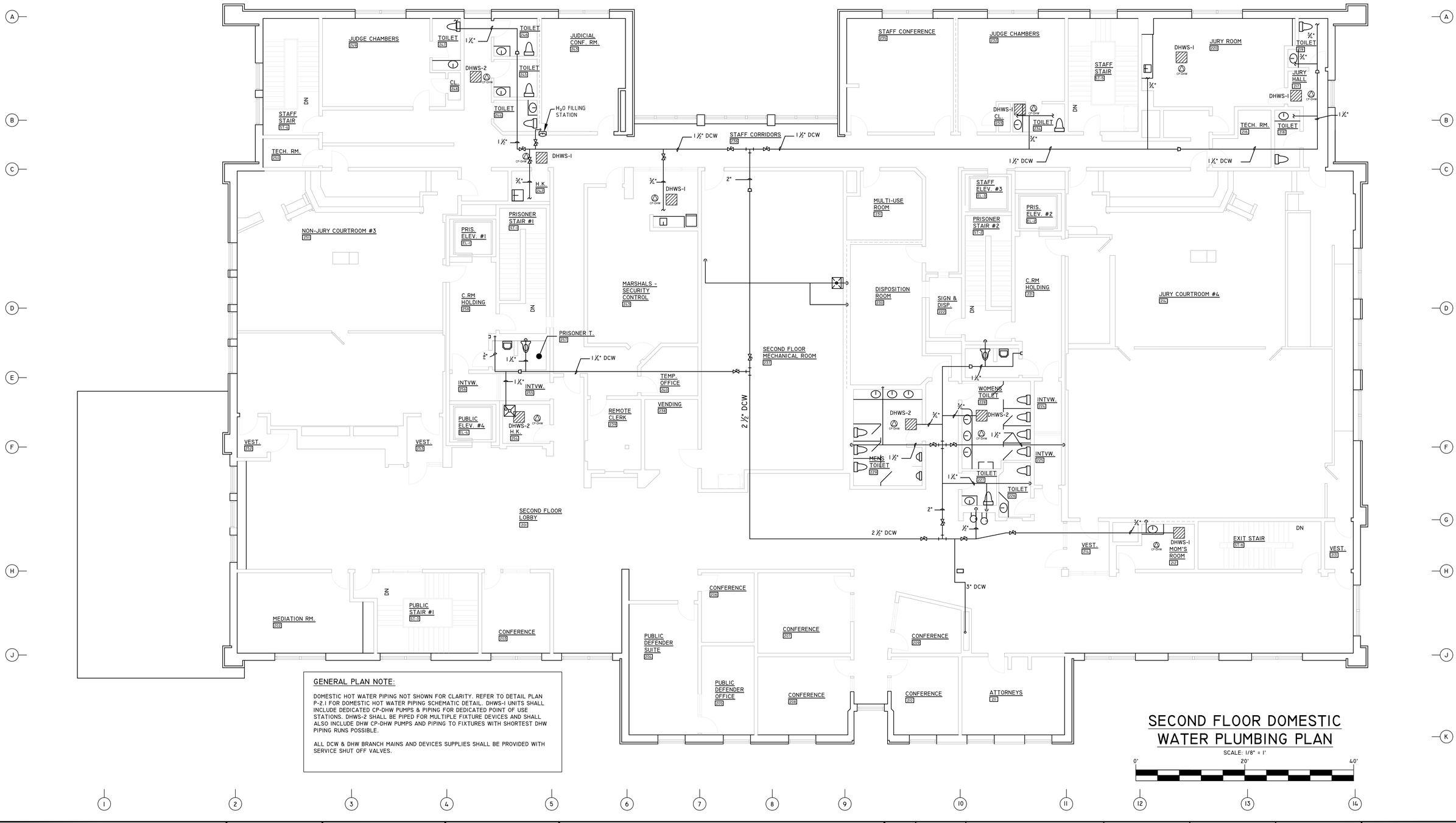
P5.2

SHEET TITLE: FIRST FLOOR DOMESTIC WATER PLUMBING

DATE: MAY 01, 2026

PROJECT#25011.15

For: PROJECT BIDDING




## SECOND FLOOR DOMESTIC WATER PLUMBING PLAN

SCALE: 1/8" = 1'

0' 20' 40'

**GENERAL PLAN NOTE:**

DOMESTIC HOT WATER PIPING NOT SHOWN FOR CLARITY. REFER TO DETAIL PLAN P-2.1 FOR DOMESTIC HOT WATER PIPING SCHEMATIC DETAIL. DHWS-1 UNITS SHALL INCLUDE DEDICATED CP-DHW PUMPS & PIPING FOR DEDICATED POINT OF USE STATIONS. DHWS-2 SHALL BE PIPED FOR MULTIPLE FIXTURE DEVICES AND SHALL ALSO INCLUDE DHW CP-DHW PUMPS AND PIPING TO FIXTURES WITH SHORTEST DHW PIPING RUNS POSSIBLE.

ALL DCW & DHW BRANCH MAINS AND DEVICES SUPPLIES SHALL BE PROVIDED WITH SERVICE SHUT OFF VALVES.

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| REV | DATE | DESCRIPTION |
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SCALE: 1/8" = 1'
0' 12'

P5.3

SHEET TITLE: SECOND FLOOR DOMESTIC WATER PLUMBING

DATE: MAY 01, 2026

PROJECT#25011:15

For: PROJECT BIDDING

## SYMBOLS & ABBREVIATIONS

UP / DN — SUPPLY DUCT (UP & DOWN)

UP / DN — RETURN OR EXHAUST DUCT (UP & DOWN)

CEILING DIFFUSERS

SUPPLY TOP REGISTER OR GRILL (WALL TYPE)

RETURN OR EXHAUST CEILING REGISTER OR GRILL

EXHAUST BOTTOM REGISTER OR GRILL (WALL TYPE)

EXHAUST OR RETURN TOP OF REGISTER GRILL (WALL TYPE)

VANE TURN ELBOW & AIR SPLIT TYPE DUCT TAKE OFF

CONNECT NEW DUCT TO EXISTING DUCT

R — INCLINED RISE. IN DIRECTION OF AIR FLOW

D — INCLINED DROP IN DIRECTION OF AIR FLOW

FC — FLEXIBLE CONNECTION

10x8 — NEW DUCT - WIDTH X DEPTH

EXISTING DUCT TO REMAIN

EXISTING DUCT TO BE REMOVED

LOUVER

ACOUSTICAL DUCT LINING

VD — MANUAL VOLUME DAMPER

FD — FIRE DAMPER

SD — SMOKE DAMPER

VANED ELBOW (PROVIDE ALL SQUARE RECTANGULAR ELBOWS WITH VANES EVEN IF SYMBOL IS MISSING)

VAINED ELBOW (SHORT RADIUS)

STANDARD RADIUS ELBOW

| ABBREVIATION | SYMBOL | NOMENCLATURE |
|---|---|---|
| | T | THERMOSTAT (DIGITAL TYPE) |
| | T | THERMOSTAT W/ GUARD (DIGITAL TYPE) |
| | TS OR TS | THERMOSTAT SENSOR |
| | | Y-STRAINER W/DRAIN VALVE & CAP |
| | | GATE VALVE |
| | | PRESSURE GAUGE W/SHUT COCK |
| | T | TEMPERATURE GAUGE |
| | | BALL VALVE |
| BV | | BALANCING VALVE |
| CV | | 3-WAY CONTROL VALVE |
| CV | | 2-WAY CONTROL VALVE |
| | | DRAIN VALVE |
| | | AIR SCOOP W/ AIR VENT |
| BFP | | BACK FLOW PREVENTER |
| | | PRESSURE REGULATOR |
| | | AUTO AIR VENT W/ SHUT COCK |
| | | CHECK VALVE |
| | | WAFER BUTTERFLY VALVE |
| | | SUCTION DIFFUSER |
| | | PIPE FLANGE CONNECTION |
| MPV | | MULTI-PURPOSE VALVE |
| | | FLOAT & THERMOSTATIC STEAM TRAP |
| FS | FS | FLOW SWITCH |
| | P | PRESSURE SWITCH |
| BMS | BMS | BIULDING MANAGEMENT SYSTEM |
| | | TIE-IN LOCATION |

| ABBREVIATION | NOMENCLATURE |
|---|---|
| FD | FIRE DAMPER |
| MOD | MOTOR OPERATED DAMPER |
| EF | EXHAUST FAN |
| EA | EXHAUST AIR |
| EG | EXHAUST GRILL |
| ACU | AIR CONDENSING UNIT |
| AHU | AIR HANDLING UNIT |
| HRU | HEAT RECOVERY UNIT |
| RTU | ROOF TOP UNIT |
| CUH | CABINET UNIT HEATER |
| (E) | EXISTING |
| (N) | NEW |
| VAV | VARIABLE AIR VOLUME BOX |
| SG | SUPPLY GRILL |
| SA | SUPPLY AIR |
| RA | RETURN AIR |
| RG | RETURN GRILL |
| RF | RETURN FAN |
| FD | FLOOR DRAIN |
| SW | SANITARY WASTE |
| V | VENT |
| LAV | LAVATORY |
| UR | URINAL |
| WC | WATER CLOSET |
| EWC | ELECTRIC WATER COOLER |
| UCWH | UNDER COUNTER WATER HEATER |
| SK | SINK |
| HB | HOSE BIB |
| CO | CLEAN OUT |
| DHW | DOMESTIC HOT WATER |
| DCW | DOMESTIC COLD WATER |
| HUM | HUMIDIFIER |
| WDB | WATER DRAIN BASIN |
| DCW | DOMESTIC COLD WATER |

| ABBREVIATION | NOMENCLATURE |
|---|---|
| DHWR | DOMESTIC HOT WATER RETURN |
| HWS | HOT WATER SUPPLY |
| HWR | HOT WATER RETURN |
| NO | NORMALLY OPEN |
| NC | NORMALLY CLOSED |
| RT | RETENTION TANK |
| CWG | CHILLED WATER GENERATOR |
| CP | CIRCULATOR PUMP |
| ET | EXPANSION TANK |
| BLR | BOILER |
| A.F.F. | ABOVE FINISHED FLOOR |
| USWJ | UNDER STEEL WEB JOIST |
| FOR | FUEL OIL RETURN |
| FOS | FUEL OIL SUPPLY |
| TYP | TYPICAL |
| GPM | GALLONS PER MINUTE |
| CFM | CUBIC FEET PER MINUTE |
| CWS | CHILLED WATER SUPPLY |
| CWR | CHILLED WATER RETURN |
| VD | VOLUME DAMPER |
| UH | UNIT HEATER |
| COND | CONDENSATE |
| INV | INVERT |
| AD | ACCESS DOOR |
| CW-CP | CHILLED WATER CIRCULATING PUMP |
| EEP | EMERGENCY POWER PANEL |
| MDP | MAIN DISTRIBUTION PANEL |
| VFD | VARIABLE FREQUENCY DRIVE |
| ATC | AUTOMATIC TEMPERATURE CONTROL |
| A.L. | ACOUSTICAL DUCT LINER |
| O.W.S.J. | OPEN WEB STEEL JOIST |
| AC | AIR CONDITIONING EVAPORATOR |
| CU | AIR CONDENSING UNIT |

# MECHANICAL INDEX OF DRAWINGS


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M1.2 FIRST FL. MECHANICAL HVAC EQUIP.
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## MECHANICAL GENERAL NOTES

A.QUALITY ASSURANCE

01.) ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST APPLICABLE BUILDING CODES AND INDUSTRY STANDARDS.

02.) INSTALL ALL WORK TO COMPLY WITH ALL LAWS, REGULATIONS, CODES AND STANDARDS (FEDERAL, STATE, AND LOCAL), AS ADOPTED BY THE AGENCIES HAVING JURISDICTION, INCLUDING REASONABLY ANTICIPATED REVISIONS BASED ON EMERGING TRENDS IN BUILDING REGULATIONS. WHERE ANY OF THESE DIFFER, THE MOST STRINGENT SHALL APPLY.

03.) PROVIDE ALL MATERIALS AND EQUIPMENT AND PERFORM ALL LABOR REQUIRED TO INSTALL COMPLETE AND OPERABLE SYSTEMS AS INDICATED ON THE DRAWINGS AND SPECIFICATIONS. INCLUDE ALL NECESSARY AND APPLICABLE APPURTENANCES, WHETHER INDICATED OR NOT.

04.) ALL MECHANICAL COMPONENTS WILL MEET INDUSTRY SAFETY STANDARDS,REQUIREMENTS AND BE UL LISTED WHERE APPLICABLE.

05.) LAYOUT AND INSTALLATION OF HVAC PIPING, EQUIPMENT AND APPURTENANCES INDICATED ON PLAN IS SCHEMATIC IN NATURE. EXACT LOCATION, ROUTING AND INSTALLATION TO BE COORDINATED WITH BUILDING STRUCTURES AND ALL OTHER TRADES.

06.) THESE DRAWINGS ARE SCHEMATIC IN NATURE AND ARE NOT INTENDED TO SHOW ALL POSSIBLE CONDITIONS. CONTRACTOR SHALL VERITY EQUIPMENT LOCATIONS). IT IS INTENDED THAT A COMPLETE PLUMBING SYSTEM BE PROVIDED WITH ALL NECESSARY EQUIPMENT, APPURTENANCES AND CONTROLS. THE CONTRACTOR SHALL CAREFULLY REVIEW ALL THE CONTRACT DOCUMENTS AND COORDINATE BETWEEN ALL TRADES PRIOR TO SUBMITTING SHOP DRAWINGS. THE CONTRACTOR SHALL VERIFY ALL SIZES, MATERIALS, TEMPERATURE AND PRESSURE RATINGS BEFORE ORDERING OR INSTALLING ANY MATERIALS OR EQUIPMENT. ALL PROPOSED PROVIDED EQUIPMENT SHALL SHALL SUBMIT SPECIFICATION CUT SHEETS FOR APPROVAL/COMMENTS PRIOR TO ORDER RELEASE.

B.COORDINATION

01.) UNLESS INDICATED OTHERWISE BY THE ARCHITECTURAL DOCUMENTATION (WHICH SHALL TAKE PRECEDENCE), MECHANICAL DEVICES AND EQUIPMENT MOUNTING HEIGHTS SHALL BE AS INDICATED AS SCHEDULED OR COORDINATED WITH OWNER OR ENGINEER.

02.) HVAC PIPING IS NOT PERMITTED TO RUN ABOVE ANY ELECTRICAL SWITCH GEAR, MOTOR CONTROL CENTERS OR PANELS (INCLUDING ACCESS/CLEARANCE SPACE. LOCATION OF ITEMS TO BE DETERMINED AND CONFIRMED FROM INDICATION BY THE PROJECT ELECTRICAL DOCUMENTATION, AND ACTUAL INSTALLATION CONFIRMED WITH THE ELECTRICAL CONTRACTOR PRIOR TO START OF WORK.

03.)COORDINATE WITH LOCATION OF ALL UTILITY CONNECTION POINTS,FOR EQUIPMENT WITH OTHER TRADES.

04.) ENSURE THAT WORK WILL NOT INTERFERE OR INTERRUPT SERVICES TO AREAS OUTSIDE OF THE DESIGNATED CONTRACT AREAS. AS ANY OTHER INTERRUPTIONS OF EXISTING SERVICES BECOMES NECESSARY, SCHEDULE SUCH INTERRUPTIONS WITH THE OWNER PRIOR TO THEIR COMMENCEMENT. GIVE THE OWNER NO LESS THAN ONE WEEK NOTICE AS TO WHEN SUCH INTERRUPTIONS. WORK SHALL BE PERFORMED AT SUCH TIMES AS DIRECTED BY THE OWNER.

05.) COORDINATE EXACT REQUIREMENTS AND LOCATION OF WORK WITH THE WORK OF OTHER TRADES PRIOR TO FABRICATION. PROVIDE ADDITIONAL OFF SETS AND SECTIONS OF PIPING AS MAY BE REQUIRED TO MEET THE APPLICABLE JOB CONDITION REQUIREMENTS. VERIFY JOB-SITE ELEVATIONS, DIMENSIONS, AND CONDITIONS, PRIOR TO FABRICATION OR INSTALLATION OF THE WORK. COORDINATE EXACT ROUTING OF PIPING WITH OTHER TRADES SO THAT NO CONFLICTS OCCUR WITH DUCTWORK, PIPING, LIGHTS, STRUCTURE, ETC..

06.) ALL PIPING & DUCTWORK PENETRATIONS THRU WALL AND FLOORS SHALL BE SEALED WITH AN APPROVED SEALANT AND/OR STOP. FIRE RATED WALL AND FLOORS USE OF SEALANTS THAT ARE UL 3M APPROVED.

07.) WHERE APPLICABLE, COORDINATE WITH SITE UTILITY PLAN FOR THE CONNECTION AND CONTINUATION OF HVAC PIPING.

TRADE PRACTICES

01.) CONTRACTOR TO PROVIDE MISCELLANEOUS STEEL AS REQUIRED TO SUPPORT EQUIPMENT AND ASSOCIATED COMPONENTS SUCH AS CONTROL PANELS, TANKS, VALVES, PIPING, VARIABLE SPEED DRIVES, ETC.. MISCELLANEOUSLY STEEL TO CONSIST OF GALVANIZED STRUT, ANGLE IRON, CHANNELS OR OTHER STANDARD GALVANIZED STEEL ELEMENTS. ALL WELDED CONNECTIONS TO BE GROUND AND COLD GALVANIZED IN THE FIELD.

02.) PROVIDE BACK FLOW PREVENTER OR VACUUM BREAKER IN DOMESTIC WATER LINES, WHERE BACK FLOW OR BACK PRESSURE MAY OCCUR, AS REQUIRED BY THE STATE OR LOCAL JURISDICTION. EQUIPMENT SUCH AS COFFEE MAKERS, CARBONATED VENDING MACHINES, WATER COOLED ICE MAKERS, HOSE BIBS AND WALL HYDRANTS ARE TO INCLUDE BACK FLOW PREVENTION DEVICES IN THE WATER LINES THAT SERVE THEM.

03.) PROVIDE SHUT-OFF BALL VALVES IN HW & CW TERMINATION DISTRIBUTION UNITS, BALANCING VALVES AND WATER HAMMER ARRESTORS. INSTALL WHERE ACCESSIBLE FOR SERVICE AND PROVIDE ISOLATION VALVE AND ACCESS DOOR IF REQUIRED.

04.) PROVIDE LINE SIZED SHUT-OFF VALVE IN ALL HW & CW WATER MAINS & BRANCHES MAINS SERVING HYDRONIC EQUIPMENT.

05.) THE CONTRACTOR SHALL INSTALL A TEST TEE IN THE HW & CW PIPING IN ORDER TO TEST THE SYSTEM.

06.) PROVIDE INSULATION FOR ALL CWS, CWR, HWS, HWR, AND DUCTWORK PER SPECIFICATIONS.

07.) UNLESS INDICATED OTHERWISE, ALL HVAC PIPING AND EQUIPMENT PROVIDED WITH HVAC SUPPLY & RETURN PIPING TO BE FURNISHED WITH APPROVED/LISTED STOPS IN ACCESSIBLE LOCATIONS.

08.) ALL ITEMS THAT REQUIRE MAINTENANCE OR ADJUSTMENT SHALL BE INSTALLED IN ACCESSIBLE LOCATIONS. PROVIDE APPROPRIATELY SIZED ACCESS PANEL/ DOOR AS REQUIRED.

09.) PROVIDE APPROPRIATELY DUCT CONTROL DURING ALL CONSTRUCTION PHASES. ALL OPEN ENDED DUCTWORK SHALL BE ADEQUATELY SEALED OFF TO ELIMINATE ANY ACCUMULATION OF ANY CONSTRUCTION DUST. ALL DUCTWORK SHALL BE CLEAN PRIOR TO COMMISSIONING OF ANY AIR HANDLING EQUIPMENT.

FIRE BUILDING SAFETY

01.) THE CONTRACTOR IS RESPONSIBLE FOR FIRE STOPPING AT ALL FLOOR & WALL RELATED PENETRATIONS OF FIRE, SMOKE AND OTHER RATED STRUCTURES, INCLUDING FLOORS, WALLS, PARTITIONS, ETC.. REFER TO ARCHITECTURAL DOCUMENTATION FOR LOCATIONS OF ALL RATED STRUCTURES, AND SPECIFIC INFORMATION AND REQUIREMENTS PERTAINING TO SAME.

02.) ALL FLOOR PENETRATIONS TO BE SEALED WATER TIGHT AND COMPLETELY PACKED WITH SEALANT OR FIRE STOP MATERIAL WHERE APPLICABLE BY TRADE CONTRACTORS.


Armstrong Engineering
Mechanical / Electrical Design Consultants
94 Presque Isle Street, Fort Fairfield, Maine 04742
Phone: (207) 473-7117 Fax: (207) 476-5621



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- ☐ RECORD DRAWINGS

STATE OF MAINE * JEFFREY M. ARMSTRONG No. 5372 * LICENSED PROFESSIONAL ENGINEER

HANCOCK JUDICIAL CENTER
45 MERRILL LANE
ELLSWORTH, MAINE
Construction Project

| REV | DATE | DESCRIPTION |
|---|---|---|
| | | |
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| | | |
| | | |

SCALE: 1/8" = 1'
0' 12"

M0.0

SHEET TITLE: MECHANICAL LEGENDS / SYMBOLS & NOTES

DATE: MAY 01, 2026

PROJECT#2501.15

For: PROJECT BIDDING

# GROUND FLOOR MECHANICAL HVAC EQUIPMENT

SCALE: 1/8" = 1'

0' 20' 40'

Armstrong Engineering
Mechanical / Electrical Design Consultants
94 Presque Isle Street, Fort Fairfield, Maine 04742
Phone: (207) 473-7117 Fax: (207) 476-5621

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|---|---|---|
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SCALE: 1/8" = 1'
0' 12'

M1.1

SHEET TITLE: HVAC EQUIPMENT GROUND FLOOR

DATE: MAY 01, 2026

PROJECT#2501.15

For: PROJECT BIDDING

# FIRST FLOOR MECHANICAL HVAC EQUIPMENT

SCALE: 1/8" = 1'

0' 20' 40'


Armstrong Engineering
Mechanical / Electrical Design Consultants
94 Presque Isle Street, Fort Fairfield, Maine 04742
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45 MERRILL LANE
ELLSWORTH, MAINE

Construction Project

| REV | DATE | DESCRIPTION |
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| | | |

SCALE: 1/8" = 1'
0' 12'

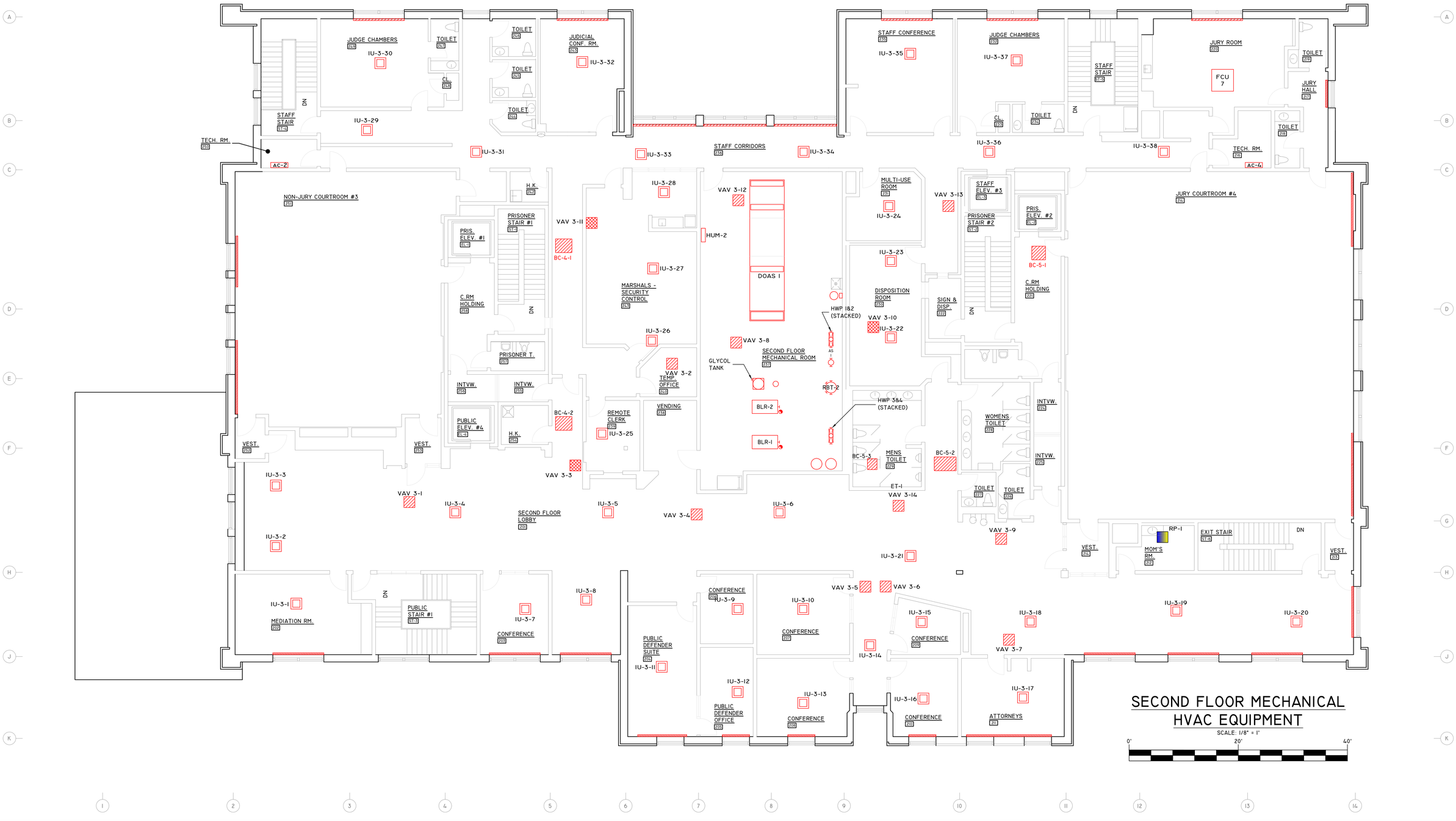
M1.2

SHEET TITLE: HVAC EQUIPMENT FIRST FLOOR

DATE: MAY 01, 2026

PROJECT#25011.15

For: PROJECT BIDDING




# SECOND FLOOR MECHANICAL HVAC EQUIPMENT

SCALE: 1/8" = 1'

0' 20' 40'

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HANCOCK JUDICIAL CENTER
45 MERRILL LANE
ELLSWORTH, MAINE

Construction Project

| REV | DATE | DESCRIPTION |
|---|---|---|
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SCALE: 1/8" = 1'
0' 12'

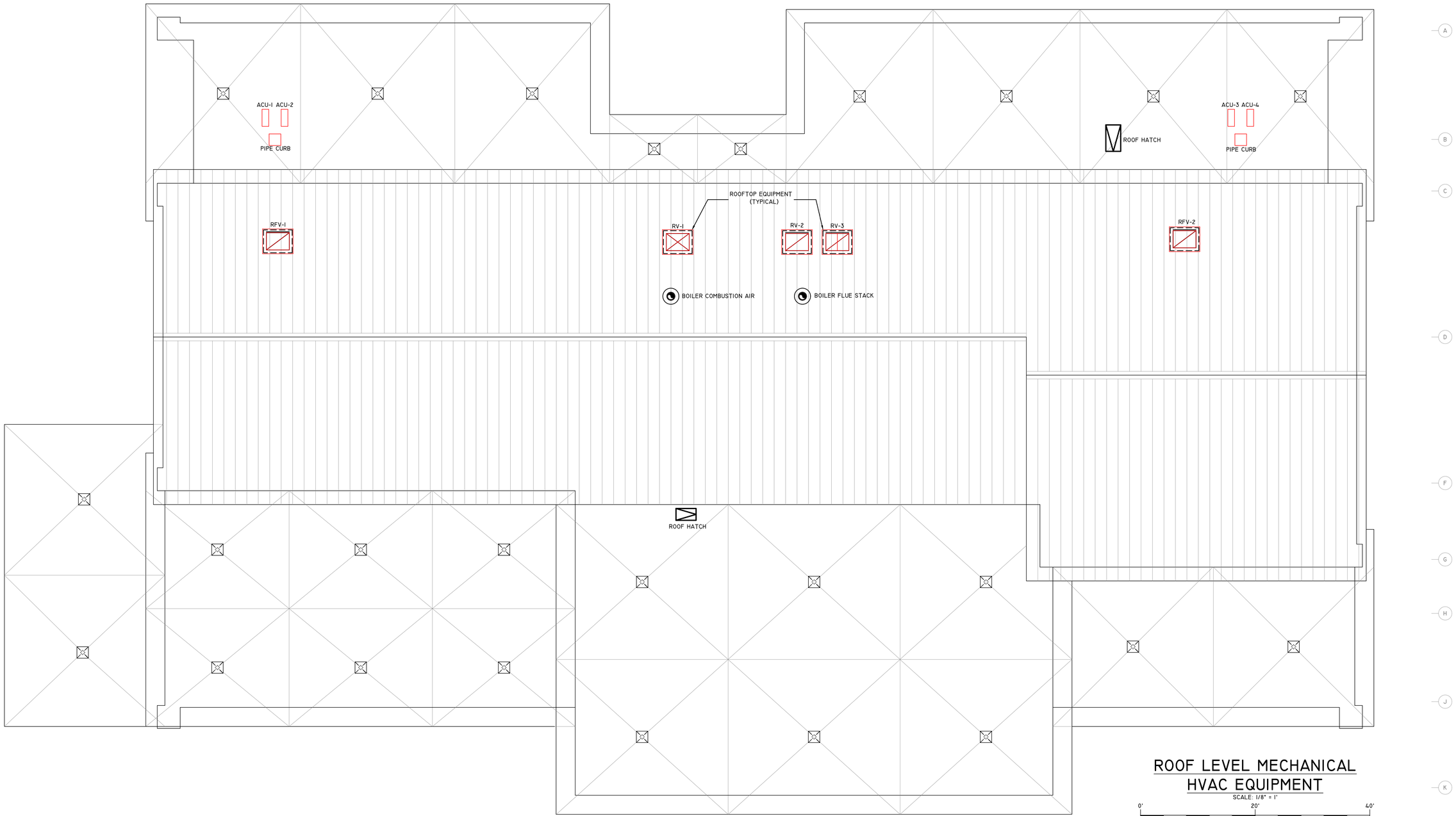
M1.3

SHEET TITLE: HVAC EQUIPMENT SECOND FLOOR

DATE: MAY 01, 2026

PROJECT#25015

For: PROJECT BIDDING




## ROOF LEVEL MECHANICAL HVAC EQUIPMENT

SCALE: 1/8" = 1'

0' 20' 40'

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Mechanical / Electrical Design Consultants
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45 MERRILL LANE
ELLSWORTH, MAINE

Construction Project

| REV | DATE | DESCRIPTION |
|---|---|---|
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| | | |

SCALE: 1/8" = 1'
0' 12'

M1.4

SHEET TITLE:
HVAC EQUIPMENT ROOF LEVEL

DATE: MAY 01, 2026

PROJECT#2501.15

For: PROJECT BIDDING

## HUMIDIFIER SCHEDULE

| UNIT | AREA SERVICED | MANUFACTURE/MODEL | STEAM MBH | ELECTRICAL | | | REMARKS | NOTES: |
|---|---|---|---|---|---|---|---|---|
| | | | | VOLTS | PH | FLA | | |
| HUM-1 | DOAS-G | DRI-STEAM/VM-16 | 50 LBS/HR | 480V | 3PH | 19.2 | INSERTION TUBE- APPROX. LENGTH 40" | 1 |
| HUM-2 | DOAS-1 | DRI-STEAM/VM-34 | 104 LBS/HR | 480V | 3PH | 40.9 | INSERTION TUBE- APPROX. LENGTH 70" | 1 |
| | | | | | | | | |
| | | | | | | | | |

NOTE: 1) FIELD VERIFY TUBE LENGTHS

## BOILER SCHEDULE

| TAG NO. | MANUFACTURER/MODEL | LOCATION | GROSS INPUT MBH | NET I-B-R/MBH | MAX GAS PRESSURE | DESIGN PRESSURE | COMBUSTION EFFICIENCY (%) | POWER | AMPS | FLUE SIZE | FUEL TYPE | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BLR-1 | VIESMANN/C12-2000 | BOILER RM | 2000 | 1940 | 14" W.C. | 20 | 96.5 | 120/1/60 | 20 | 8" DIA. | LP GAS | PACKAGE ASSEMBLED |
| BLR-2 | VIESMANN/C12-2000 | BOILER RM | 2000 | 1940 | 14" W.C. | 20 | 96.5 | 120/1/60 | 20 | 8" DIA. | LP GAS | PACKAGE ASSEMBLED |

## AIR SEPARATOR SCHEDULE

| TAG NO. | AREA SERVICIED | MANUFACTURER/MODEL | GPM MAX | SIZE INCHES | DIA INCHES | HEIGHT INCHES | WEIGHT (LBS) | REMARKS |
|---|---|---|---|---|---|---|---|---|
| AS-1&2 | GLYCOL HW & CW | TACO /AC04F-125 | 416 | 4.0 | 16" | 32" | 145 | 706 AUTO VENT |

## EXPANSION TANK SCHEDULE

| TAG NO. | AREA SERVICED | MANUFACTURE/MODEL | TANK | | | ACCEPTANCE VOLUME | REMARKS |
|---|---|---|---|---|---|---|---|
| | | | VOLUME | DIA. | HEIGHT | | |
| ET-1 | CW COOLING | TACO/CBX-300 | 79 | 20 | 58 | 37.0 GAL | - |
| ET-2&3 | HW HEATING | TACO/CBX-800 | 212 | 30 | 88 | 61.0 GAL | - |

## CABINET UNIT HEATER SCHEDULE

| TAG NO. | MANUFACTURER | MODEL | AREA SERVED | CAPACITY SCFM | CAPACITY MBH | HOT WATER DATA | | | MOTOR DATA | | | | | | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | GPM | EWT °F | LWT °F | HP | VOLTS | PH | HZ. | F.L.A. | RPM | |
| CUH-1 | STERLING | 02 | STAFF STAIR ENT. | 225 | 27.5 | 3.5 | 180 | 160 | .10 | 120 | 1 | 60 | - | - | FLOOR, IFLOW, SEMI RECESSED RWI-1130, 1,2,3,4,5,6 |
| CUH-2 | STERLING | 02 | STAFF HALL ENT. | 225 | 27.5 | 3.5 | 180 | 160 | .10 | 120 | 1 | 60 | - | - | FLOOR, IFLOW, SEMI RECESSED RWI-1130, 1,2,3,4,5,6 |
| CUH-3 | STERLING | 02 | PUBLIC EXIT STAIR | 225 | 27.5 | 3.5 | 180 | 160 | .10 | 120 | 1 | 60 | - | - | FLOOR, IFLOW, SEMI RECESSED RWI-1130, 1,2,3,4,5,6 |
| CUH-4 | STERLING | 02 | STAFF STAIR ENT. | 225 | 27.5 | 3.5 | 180 | 160 | .10 | 120 | 1 | 60 | - | - | FLOOR, IFLOW, SEMI RECESSED RWI-1130, 1,2,3,4,5,6 |
| CUH-5 | STERLING | 02 | PUBLIC STAIR #1 | 225 | 27.5 | 3.5 | 180 | 160 | .10 | 120 | 1 | 60 | - | - | FLOOR, IFLOW, SEMI RECESSED RWI-1130, 1,2,3,4,5,6 |

NOTES: 1) ALUMINUM GRILLE 2) 120V POWER TRANSFORMER 3) HIGH CAPACITY COIL 4) ECM MOTOR WITH 3 SWITCH CONTROL 5) WALL SEAL 6) PLUG IN MOTOR

## UNIT HEATER SCHEDULE

| TAG NO. | MANUFACTURER | MODEL | AREA SERVED | CAPACITY SCFM | CAPACITY MBH | HOT WATER DATA | | | MOTOR DATA | | | | | | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | GPM | EWT °F | LWT °F | HP | VOLTS | PH | HZ. | F.L.A. | RPM | |
| UH-1 | STERLING | 900 | SALLY PORT | 900 | 40 | 4.0 | 180 | 160 | .10 | 120 | 1 | 60 | - | - | - |
| UH-2 | STERLING | 900 | SECURE GARAGE | 900 | 40 | 4.0 | 180 | 160 | .10 | 120 | 1 | 60 | - | - | - |
| UH-3 | STERLING | 900 | SECURE GARAGE | 900 | 40 | 4.0 | 180 | 160 | .10 | 120 | 1 | 60 | - | - | - |

## EXHAUST FAN SCHEDULE

| UNIT | AREA SERVICED | DESCRIPTION | MANUFACTUER | MODEL | CFM | ESP | SONES | MOTOR | VOLTS/Ø | RPM | NOTES | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EF-1 | SALLY PORT/ELECTRICAL RM | INLINE MOUNT | L.COOK | ISQN-D-135 | 2133 | .50 | 11.75 | .75 | 208/3PH | 1725 | DIRECT | 1,2,7 |
| EF-2 | SECURE GARAGE | INLINE MOUNT | L.COOK | ISQN-D-135 | 2133 | .50 | 11.75 | .75 | 208/3PH | 1725 | DIRECT | 1,2,7 |
| EF-3 | MAIL ROOM | INLINE MOUNT | L.COOK | ISQN-D-100 | 716 | .50 | 11.75 | .16 | 120/1PH | 1677 | DIRECT | 1,2,7 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |

NOTES:
① VIBRATION ISOLATORS
② MOTOR SPEED CONTROL
③ BACK DRAFT DAMPER
④ AUTO BELT TENSIONER
⑤ HINGE BASE FRAME
⑥ VFD DRIVE
⑦ DISCONNECT SWITCH
⑧ WALL COLLAR & OSHA GAURD
⑨ PITCH ROOF CURB

## LOUVER SCHEDULE

| TAG | MANUFACTURER | SIZE W x H | TYPE | REMARKS | NOTES |
|---|---|---|---|---|---|
| LV-1 | PRICE OR EQUAL | 48 x 36 | FIXED BLADE | 37° ANGLE, 1/2" MESH BIRD SCREEN, ANODIZED FINISH | DOAS-G EXHAUST AIR - EXTERIOR WALL W/ TRIM |
| LV-2 | PRICE OR EQUAL | 48 x 36 | FIXED BLADE | 37° ANGLE, 1/2" MESH BIRD SCREEN, ANODIZED FINISH | DOAS-G OUTSIDE AIR - EXTERIOR WALL W/ TRIM |
| LV-3 | PRICE OR EQUAL | 36 x 24 | FIXED BLADE | 37° ANGLE, 1/2" MESH BIRD SCREEN, ANODIZED FINISH | SALLY PORT OUTSIDE AIR - EXTERIOR WALL W/TRIM |
| LV-4 | PRICE OR EQUAL | 24 x 32 | FIXED BLADE | 37° ANGLE, 1/2" MESH BIRD SCREEN, ANODIZED FINISH | SALLY PORT EXHAUST AIR FAN - " " |
| LV-5 | PRICE OR EQUAL | 36 x 24 | FIXED BLADE | 37° ANGLE, 1/2" MESH BIRD SCREEN, ANODIZED FINISH | ELECTRICAL RM. OUTSIDE AIR - " " |
| LV-6 | PRICE OR EQUAL | 36 x 24 | FIXED BLADE | 37° ANGLE, 1/2" MESH BIRD SCREEN, ANODIZED FINISH | SECURE GARAGE OUTSIDE AIR - CEILING EXTERIOR |
| LV-7 | PRICE OR EQUAL | 24 x 32 | FIXED BLADE | 37° ANGLE, 1/2" MESH BIRD SCREEN, ANODIZED FINISH | SECURE GARAGE EXHAUST AIR FAN - CEILING EXTERIOR |
| LV-8 | PRICE OR EQUAL | 24 x 32 | FIXED BLADE | 37° ANGLE, 1/2" MESH BIRD SCREEN, ANODIZED FINISH | GRD.MECHANICAL RM.-RELIEF AIR EXT. WALL W/ TRIM |

## HPLG SCHEDULE

| UNIT | MAKE & MODEL | TYPE | QTY OF MODULES | FLUID TYPE | REFRIGERANT TYPE | COMPRESSOR TYPE | HEATING DATA | | | | | COOLING DATA | | | | | COP @ 30°F | WEIGHT (LBS) | ELECTRICAL | | | | | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | CAPACITY SIMULTAN (MBH) | HEATING MIN AT 10°F (MBH) | LWT | EWT | GPM | WPD | COOLING AT 85°F (MBH) | LWT | EWT | GPM | WPD | | | VOLTS | PH | CY | MCA | MOCP | |
| HPLG-1 & 2 | WATERFURNACE TWR5025VWBADH | AIR TO WATER | 2 | 35%P.G. | R454B | SCROLL | 975 | 486 | 140°F | 120°F | 50/100 | 1.4' | 693 | 45°F | 55°F | 144 | 12.4' | 5.53 | 2,527 | 480 | 3 | 60 | (2)72.4 | (2) 100 | 1 |

1. INSTALL PER MANUFACTURER'S INSTRUCTIONS. PROVIDE MANUFACTURE START UP. ELECTRICAL CONTRACTOR TO FURNISH AND WIRE APPROVED DISCONNECTS FOR BOTH UNITS.

## DEDICATED OUTDOOR AIR SYSTEM SCHEDULE

| NO | MAKE & MODEL | SUPPLY AIR (CFM) | EXHAUST AIR (CFM) | HEATING | | | | | | COOLING | | | | | | TOTAL ENERGY MATRIX CORE | | | | | | RETURN/EXHAUST FAN | | | | SUPPLY FAN | | | | ELECTRICAL | | | | | WEIGHT (LBS) | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | MBH | EWT (°F) | ΔT (°F) | GPM | WPD (FT) | EAT (°F) | LAT (°F) | TOTAL CAPACITY (MBH) | SENSIBLE CAPACITY (MBH) | EWT (°F) | ΔT (°F) | GPM | WPD (FT) | EAT (°F) | LAT (°F) | SUMMER | | | WINTER | | | AIRFLOW (CFM) | TYPE | HP | ESP (IN. WG) | RPM | AIRFLOW (CFM) | TYPE | HP | ESP (IN. WG) | RPM | VOLTS | PH | CY | MCA | MOCP | | |
| | | | | | | | | | | | | | | | | | | OAT | RAT | LAT | OAT | RAT | LAT | | | | | | | | | | | | | | | |
| DOAS-G | DAIKIN CAH005GDQM | 2500 | 2500 | 246.3 | 140 | 20.0 | 25.2 | 6.3 | 2.7 | 92.2 | 121.0 | 81.7 | 45 | 10 | 25.0 | 1.6 | 81.7/68.0 | 52.3/52.1 | 81.7/68.0 | 75/63 | 79.9/66.5 | 2.6/1.7 | 70/53 | 21 / 21 | 2,500 | VFD | 5.0 | 2.75" | 2537 | 2,500 | VFD | 5.0 | 2.75" | 2538 | 480 | 3 | 60 | 5.7 (2) | 25 | 4589 | 1 |
| DOAS-1 | DAIKIN CAH015GDQM | 6000 | 6000 | 561.3 | 140 | 20.0 | 61.7 | 6.3 | 2.7 | 88.2 | 291.7 | 192.7 | 45 | 10 | 61.0 | 1.6 | 81.7/68.0 | 52.3/52.1 | 81.7/68.0 | 75/63 | 79.4/63.5 | 2.6/1.7 | 70/53 | 21 / 21 | 6,000 | VFD | 7.0 | 2.75" | 2537 | 6,000 | VFD | 7.0 | 2.75" | 2538 | 480 | 3 | 60 | 7.7 (2) | 25 | 8149 | 1 |

NOTE:BUILT UP UNITS SHALL HAVE SECTION TOP UNIT DUCT CONNECTIONS. DOAS-1 DISCHARGE SECTION SHALL HAVE AN ADDITIONAL BOTTOM SA CONNECTION, SIZED THE SAME AS TOP DISCHARGE OUTLET. UNIT SUPPLY & EXHAUST FAN MOTOR VFD'S BY OTHERS. MOTORS PREMIUM EFFICIENCY TYPE.AIRFLOW MEASURING FOR OUTSIDE AIR EXHAUST AND SUPPLY. DOUBLE WALL INSULATED CONSTRUCTION. ECONOMIZER MODE WITH MATRIX CORE BYPASS. SEPARATE POWER TERMINALS CONNECTIONS FOR EACH MOTOR. SS CONDENSATE DRAIN PAN, 2" MERV 8 PRE-FILTERS ON SUPPLY AND EXHAUST (1 EXTRA SET), 2" MERV 13 SUPPLY AIR FILTER (2 SETS), INTERNAL FAN ISOLATION, AND FACTORY STARTUP. A.T.C CONTROL CONTRACTOR TO PROVIDE UNIT PER DESIGN SEQUENCE OF OPERATION.

## AIR HANDLING UNIT SCHEDULE

| TAG NO. | AREA SERVED | MANUFACTURE/MODEL | SUPPLY FAN | | | | RETURN FAN | | | | ELECTRIC | HOT WATER HEATING COIL 35% GLYCOL | | | | | | D.X. COOLING COIL | | | | | | C.W. COOLING COIL | | | MIN. O.A. | MAX. O.A. | WEIGHT (LBS) | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | CFM | TSP | RPM | HP | CFM | TSP | RPM | HP | | EWT | EAT | LAT | MBH | GPM | WPD | | EDB | EWB | SENS. | TOTAL | APD | GPM | EAT | CAPACITY TOTAL MBH | CAPACITY SENSIBLE | | | | |
| AHU-1 | NON JURY RM 1ST | DAIKIN / CAH006GDQC | 2500 | 3.50 | 3780 | 5.0 | | | | | 460V 3PH | 140F | 60 | 90 | 82.4 | 8.7 | 2.15 | | | | | | | 21.2 | 80F/67WB | 100.69 | 70.7.3 | 150/1500 | 1800 | | SA HORIZONTAL SIDE DISCHARGE/REAR HORIZONTAL RA SECTION, CEILING HUNG |
| AHU-2 | JURY RM 1ST FLOOR | DAIKIN / CAH005GDAM | 4000 | 3.33 | 4190 | 5.0 | | | | | 460V 3PH | 140F | 60 | 90 | 132.0 | 15.0 | 2.3 | | - | - | - | - | | 34.0 | 80F/67WB | 164.0 | 115.1 | 300/2000 | 2250 | | SA VERTICAL TOP DISCHARGE / REAR VERTICAL TOP RA SECTION, CEILING HUNG |
| AHU-3 | NON JURY RM 2ND | DAIKIN / CAH006GDQC | 2500 | 3.50 | 3780 | 5.0 | | | | | 460V 3PH | 140F | 60 | 90 | 82.4 | 8.7 | 2.15 | | | | | | | 21.2 | 80F/67WB | 100.69 | 70.7.3 | 150/1500 | 1800 | | SA HORIZONTAL SIDE DISCHARGE/REAR HORIZONTAL RA SECTION, CEILING HUNG |
| AHU-4 | JURY RM 2ND FLOOR | DAIKIN / OAHI15GDCM | 4000 | 3.33 | 4190 | 5.0 | | | | | 460V 3PH | 140F | 60 | 90 | 132.0 | 15.0 | 2.3 | | - | - | - | - | | 34.0 | 80F/67WB | 164.0 | 115.1 | 300/2000 | 2250 | | SA VERTICAL TOP DISCHARGE / REAR VERTICAL TOP RA SECTION, CEILING HUNG |

NOTE:S UNIT SUPPLY FAN MOTOR VFD'S BY OTHERS. MOTORS PREMIUM EFFICIENCY TYPE. AIRFLOW MEASURING FOR OUTSIDE AIR, RETURN, AND SUPPLY. DOUBLE WALL INSULATED CONSTRUCTION. SEPARATE POWER TERMINALS CONNECTIONS FOR EACH MOTOR. SS CONDENSATE DRAIN PAN, 2" MERV 13 PRE-FILTERS ON SUPPLY AND RETURN (2 EXTRA SET), INTERNAL FAN ISOLATION, AND FACTORY STARTUP. A.T.C CONTROL CONTRACTOR TO PROVIDE UNIT CONTROL PER DESIGN SEQUENCE OF OPERATION. ALL UNITS DUCTWORK CONNECTIONS; PROVIDE 6" FLEXIBLE CONNECTORS, ACCESS DOORS BOTH SIDES OF ALL SECTIONS. AHU-1 & 2 SHALL BE PROVIDED WITH CONDENSATE PUMP KITS.

## PUMP SCHEDULE

| UNIT NO. | LOCATION | SYSTEM SERVED | GPM | TDH (FT) | DESIGN PRESSURE | TEMP °F | | RPM | H.P. | TYPE | MODEL TACO | VOLTS | PHASE | DRIVE | REMARKS | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | MIN | MAX | | | | | | | | | |
| HWP-1 | MECH RM.237 | HW | 150 | 60 | 125 PSI | 120 | 200 | 1760 | 5.0 | INLINE | KS 3009D | 480 | 3PH | VFD | BMS CONTROLLED | CONSTANT DISCHARGE PRESSURE 0-10V DC CONTROL, 40% GLYCOL |
| HWP-2 | MECH RM.237 | HW | 150 | 60 | 125 PSI | 120 | 200 | 1760 | 5.0 | INLINE | KS 3009D | 480 | 3PH | VFD | BMS CONTROLLED | CONSTANT DISCHARGE PRESSURE 0-10V DC CONTROL, 40% GLYCOL |
| HWP-3 | MECH RM.237 | HW | 150 | 60 | 125 PSI | 120 | 200 | 1760 | 5.0 | INLINE | KS 3009D | 480 | 3PH | VFD | BMS CONTROLLED | CONSTANT DISCHARGE PRESSURE 0-10V DC CONTROL, 40% GLYCOL |
| HWP-4 | MECH RM.237 | HW | 150 | 60 | 125 PSI | 120 | 200 | 1760 | 5.0 | INLINE | KS 3009D | 480 | 3PH | VFD | BMS CONTROLLED | CONSTANT DISCHARGE PRESSURE 0-10V DC CONTROL, 40% GLYCOL |
| CWP-1 | MECH RM.014 | CW | 250 | 60 | 125 PSI | 40 | 120 | 1760 | 5.0 | INLINE | KS 3009D | 480 | 3PH | VFD | BMS CONTROLLED | CONSTANT DISCHARGE PRESSURE 0-10V DC CONTROL, 40% GLYCOL |
| CWP-2 | MECH RM.014 | CW | 250 | 60 | 125 PSI | 40 | 120 | 1760 | 5.0 | INLINE | KS 3009D | 480 | 3PH | VFD | BMS CONTROLLED | CONSTANT DISCHARGE PRESSURE 0-10V DC CONTROL, 40% GLYCOL |
| CWP-3 | MECH RM.014 | CW | 150 | 60 | 125 PSI | 40 | 120 | 1760 | 5.0 | INLINE | KS 3007D | 480 | 3PH | VFD | BMS CONTROLLED | CONSTANT DISCHARGE PRESSURE 0-10V DC CONTROL, 40% GLYCOL |
| CWP-4 | MECH RM.014 | CW | 150 | 60 | 125 PSI | 40 | 120 | 1760 | 5.0 | INLINE | KS 3007D | 480 | 3PH | VFD | BMS CONTROLLED | CONSTANT DISCHARGE PRESSURE 0-10V DC CONTROL, 40% GLYCOL |
| CP-J1 | BOILER 1 | HW | 150 | 60 | 125 PSI | 120 | 200 | 1760 | 5.0 | INLINE | VR25M | 208 | 1PH | VFD | BMS CONTROLLED | CONSTANT DISCHARGE PRESSURE 0-10V DC CONTROL, 40% GLYCOL |
| CP-J2 | BOILER 2 | HW | 150 | 60 | 125 PSI | 120 | 200 | 1760 | 5.0 | INLINE | VR25M | 208 | 1PH | VFD | BMS CONTROLLED | CONSTANT DISCHARGE PRESSURE 0-10V DC CONTROL, 40% GLYCOL |
| CP-1 & 2 | RADIANT FLR. | HW | 20 | 16 | 125 PSI | 120 | 140 | 1760 | 5.0 | INLINE | 0013 | 120 | 1PH | VFD | BMS CONTROLLED | CONSTANT SPEED, ON/OFF CONTROL, 40% GLYCOL |

GENERAL NOTE: BMS TO PROVIDE WET PRESSURE SENSORS FOR CONSTANT DISCHARGE PRESSURE

## ROOF VENTILATOR SCHEDULE

| TAG NO. | SERVES | MANUFACTURER /MODEL | THROAT SIZE | HOOD SIZE WxH | CFM | FREE AREA SQFT | TIERS | APD IN WC | NOTES |
|---|---|---|---|---|---|---|---|---|---|
| RV-1 | DOAS-1 OA | L.COOK/TRE | 60W X 36H | 72 X 48 | 8276 | 15.0 | 6 | .05 | 1,2,3 |
| RV-2 | DOAS-1 EA | L.COOK/TRE | 60W X 36H | 72 X 48 | 8276 | 15.0 | 6 | .05 | 1,2,5 |
| RV-3 | MAIL RM & MECH VENT. | L.COOK/TRE | 60W X 36H | 72 X 48 | 8276 | 15.0 | 6 | .05 | 1,2,6 |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

NOTES. 1. BASED UPON L.COOK 2.PROVIDE 18" HIGH CURB TO MATCH ROOF PITCH 3.INTAKE AIR 4.RELIEF AIR, 5) EXHAUST AIR 6) PROVIDE FULL SOLID DIVIDER, FIELD INSTALLED
GENERAL NOTES: RV'S AND RFV'S SHALL MATCH IN STYLE AND ARCHITECTURAL DARK BRONZE FINISH.

## ROOF FAN VENTILATORS SCHEDULE

| UNIT | AREA SERVICED | DESCRIPTION | MANUFACTURE/MODEL | MODEL | CFM | ESP | SONES | MOTOR | VOLTS/Ø | RPM | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|---|
| RFV-1 | AHU-1 & 3 RELIEF AIR | ROOF MOUNT | PENN | LF40BC | 4467 | .5 | | .5 | 120/1PH | 270 | 2,3,5,6,7,8 9 |
| RFV-2 | AHU-2 & 4 RELIEF AIR | ROOF MOUNT | PENN | LF40BC | 4467 | .5 | | .5 | 120/1PH | 270 | 2,3,5,6,7,8 9 |
| | | | | | | | | | | | |

NOTES:①VIBRATION ISOLATORS ②HIGH EFFICIENCY MOTOR ③ ECM MOTOR, 0 TO 10VDC ④ AUTO BELT TENSIONER ⑤ HINGE BASE FRAME ⑥ VFD DRIVE ⑦ DISCONNECT SWITCH ⑧18" PITCHED ROOF CURB ⑨ WALL COLLAR & OSHA GUARD
GENERAL NOTES: RV'S AND RFV'S SHALL MATCH IN STYLE AND ARCHITECTURAL DARK BRONZE FINISH.

## FIN RADIATION SCHEDULE

| TAG NO. | MANUFACTURER/MODEL | AREA SERVED | ELEMENT | | | | CAPACITY BTU/LF | HOT WATER DATA | | | ENCLOSURE | | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | TUBE SIZE | ROWS | FINS PER FT | SIZE | | GPM | EWT °F | LWT °F | MOUNTING HEIGHT | PANEL HEIGHT | |
| FR-1 | STERLING/CLASSIC JVK-AK11 | AS SHOWN | 2.75x3.75 | 1 | 40 | 10 | 810 | PER PLAN | 180 | 160 | 15" | 10.25 | COLOR BY OWNER |
| FR-2 | STERLING/CLASSIC VB-AR-PM | AS SHOWN | 2.75x3.75 | 1.25" | 40 | | 1020 | PER PLAN | 180 | 160 | | | PEDESTAL |
| FR-3 | STERLING/CLASSIC JVK-AK24 | AS SHOWN | 2.75x3.75 | 2 TIER | 40 | C434 | 1730 | PER PLAN | 180 | 160 | 24" | 20" | COLOR BY OWNER |

GENERAL NOTE: CONTRACTOR SHALL FIELD VERIFY ALL LENGTHS AS INDICATED. PROVIDE PERIMETER EDGE FACTORY TRIM FOR RECESS APPLICATION. PROVIDE FACTORY ACCESS PANELS TO MATCH PANEL. HYDRONIC FLEX PIPING SHALL BE USED FROM PANEL SECTION TO SECTION WHERE APPLICALE.

## RADIANT PANEL SCHEDULE

| TAG NO. | MANUFACTURER | MODEL | AREA SERVED | ELEMENT | | | | CAPACITY BTU/LF | HOT WATER DATA | | | ENCLOSURE | | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TUBE SIZE | ROWS | FINS PER FT | SIZE | | GPM | EWT °F | LWT °F | MOUNTING HEIGHT | PANEL HEIGHT | |
| RP-1 | STERLING | - | AS SHOWN | 3/4" | - | - | 2x2' | 3.36 | .4 | 180 | 160 | CEILING | - | T-BAR |
| RP-2 | STERLING | - | AS SHOWN | 3/4" | - | - | 2'x4' | 7.62 | .7 | 180 | 160 | CEILING | - | T-BAR |
| | | | | | | | | | | | | | | |

GENERAL NOTE: CONTRACTOR SHALL FIELD VERIFY ALL LENGTHS

## LP GAS REGULATOR

| UNIT NO. | MANUFACTURER | SIZE & MODEL | LOCATION | OUTLET PRESSURE SET POINT | OPERATING INLET PRESSURE | | | VENT | MAX INLET PSIG |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | 14" W.C. | 1 PSIG | 2 PSIG | | |
| R-1 | PIETRO-GOVERNOR | 1" - 31053 | BOILER RM | 11" WC | - | - | 1270 CFH | NA | 7.25 |

## CHEMICAL BY-PASS FEEDER

| TAG NO. | LOCATION | MODEL | CAPACITY | HEIGHT | DIA INCHES | MAX PRESSURE | WEIGHT (LBS) | REMARKS |
|---|---|---|---|---|---|---|---|---|
| CBF-1 | BOILER ROOM | DBF-5HP | 5 GALLONS | 29.75" | 10" | 300PSI | 38 | |

## DIFFUSER & REGISTER SCHEDULE

| TYPE | MANUFACTURER | SIZE WxH | INLET WxH | MOUNTING | REMARKS | NOTES |
|---|---|---|---|---|---|---|
| S1 | PRICE OR EQUAL | 24x24 | 8 | T-BAR | - | - |
| S2 | PRICE OR EQUAL | 24x24 | 10 | T-BAR | - | - |
| S3 | PRICE OR EQUAL | 24x24 | 12 | T-BAR | - | - |
| S4 | PRICE OR EQUAL | 15x15 | 15x15 | SURFACE | MEDIUM SECURITY | OBD |
| SD1 | PRICE OR EQUAL | 2x24 | 6 | T-BAR | - | - |
| SD2 | PRICE OR EQUAL | 4x24 | 6 | SURFACE | | - |
| SG1 | PRICE OR EQUAL | 12x8 | 12x8 | SURFACE | - | - |
| SG2 | PRICE OR EQUAL | 12x8 | 12x8 | SURFACE | MEDIUM SECURITY | OBD |
| SG3 | PRICE OR EQUAL | 32x16 | 32x16 | SURFACE | - | OBD |
| R1 | PRICE OR EQUAL | 12x12 | 12x12 | SURFACE | - | OBD |
| R2 | PRICE OR EQUAL | 24x12 | 24x12 | T-BAR | - | OBD |
| R3 | PRICE OR EQUAL | 24x24 | 24x24 | T-BAR | - | OBD |
| R4 | PRICE OR EQUAL | 24x48 | 24x24 | | - | OBD |
| R5 | PRICE OR EQUAL | 12x12 | 12x12 | SURFACE | MEDIUM SECURITY | OBD |
| RG1 | PRICE OR EQUAL | 12x8 | 12x8 | SURFACE | - | OBD |
| RG2 | PRICE OR EQUAL | 12x8 | 12x8 | SURFACE | MEDIUM SECURITY | OBD |
| RG3 | PRICE OR EQUAL | 36x18 | 36x18 | SURFACE | - | OBD |
| RG4 | PRICE OR EQUAL | 48x28 | 48x28 | SURFACE | ARCHITECTURAL BARS | OBD |
| E1 | PRICE OR EQUAL | 10x10 | 9X9 | SURFACE | - | OBD |
| E2 | PRICE OR EQUAL | 10x10 | 9X9 | SURFACE | MEDIUM SECURITY | OBD |
| E3 | PRICE OR EQUAL | 18x12 | 18x12 | SURFACE | - | - |
| EG1 | PRICE OR EQUAL | 12x8 | 12x8 | SURFACE | - | - |
| EG2 | PRICE OR EQUAL | 12x8 | 12x8 | SURFACE | | |
| EG3 | PRICE OR EQUAL | 36x18 | 36x18 | SURFACE | - | - |
| TG1 | PRICE OR EQUAL | 12x12 | 12x12 | SURFACE | - | - |

Armstrong Engineering
Mechanical / Electrical Design Consultants
94 Presque Isle Street, Fort Fairfield, Maine 04742
Phone: (207) 473-7117 Fax: (207) 476-5621

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☐ FOR PRELIMINARY REVIEW
■ FOR PROJECT BIDDING
☐ FOR PROJECT CONSTRUCTION
☐ RECORD DRAWINGS

STATE OF MAINE — JEFFREY M. ARMSTRONG No. 5372 — LICENSED PROFESSIONAL ENGINEER

HANCOCK JUDICIAL CENTER
45 MERRILL LANE
ELLSWORTH, MAINE
Construction Project

| REV | DATE | DESCRIPTION |
|---|---|---|
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| | | |

SCALE: NTS

M2.1

SHEET TITLE: MECHANICAL SCHEDULES

DATE: MAY 01, 2026

PROJECT#2501.15

For: PROJECT BIDDING

## VRF HEAT RECOVERY HEAT PUMP EVAPORATOR UNITS SCHEDULE - GROUND FLOOR

| TAG NO. | AREA SERVICED | MANUFACTURER / MODEL | OA CFM | TOTAL CFM | | INDOOR EVAPORATOR UNIT | | | | | | | | WEIGHT (LBS) | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | COOLING BTU | HEATING BTU | SMBH | ELEC. CHARACTERISTICS POWER | MCA | MFA | MOP | | | |
| IU-1-1 | PRISONER HOLDING HALLWAYS | DIAKIN / FXZA09AAVJU | 20 | 317 | | 8,872 | 10,228 | - | 208/240/1PH | 0.3 | - | 15A | | 35.0 | 1,2,3,5,6,7,8 |
| IU-1-2 | PRISONER HOLDING HALLWAYS | DIAKIN / FXZA09AAVJU | 20 | 317 | | 8,872 | 10,228 | - | 208/240/1PH | 0.3 | - | 15A | | 35.0 | 1,2,3,5,6,7,8 |
| IU-1-3 | PRISONER HOLDING HALLWAYS | DIAKIN / FXZA09AAVJU | 20 | 317 | | 8,872 | 10,228 | - | 208/240/1PH | 0.3 | - | 15A | | 35.0 | 1,2,3,5,6,7,8 |
| IU-1-4 | EVIDENCE RM. | DIAKIN / FXZA09AAVJU | 20 | 317 | | 8,872 | 10,228 | - | 208/240/1PH | 0.3 | - | 15A | | 35.0 | 1,2,3,5,6,7,8 |
| IU-1-5 | EVIDENCE RM. | DIAKIN / FXZA09AAVJU | 20 | 317 | | 8,872 | 10,228 | - | 208/240/1PH | 0.3 | - | 15A | | 35.0 | 1,2,3,5,6,7,8 |
| IU-1-6 | STAFF HALLWAYS | DIAKIN / FXZA09AAVJU | 20 | 317 | | 8,872 | 10,228 | - | 208/240/1PH | 0.3 | - | 15A | | 35.0 | 1,2,3,5,6,7,8 |
| ~~IU-1-7~~ | ~~NOT USED~~ | ~~DIAKIN / FXZA09AAVJU~~ | ~~20~~ | ~~317~~ | | ~~8,872~~ | ~~10,228~~ | - | 208/240/1PH | 0.3 | - | 15A | | 35.0 | 1,2,3,5,6,7,8 |
| IU-1-8 | FILES ROOM | DIAKIN / FXZA09AAVJU | 20 | 317 | | 8,872 | 10,228 | - | 208/240/1PH | 0.3 | - | 15A | | 35.0 | 1,2,3,5,6,7,8 |
| IU-1-9 | FILES ROOM | DIAKIN / FXZA09AAVJU | 20 | 317 | | 8,872 | 10,228 | - | 208/240/1PH | 0.3 | - | 15A | | 35.0 | 1,2,3,5,6,7,8 |
| IU-1-10 | GENERAL STORAGE | DIAKIN / FXZA09AAVJU | 20 | 317 | | 8,872 | 10,228 | - | 208/240/1PH | 0.3 | - | 15A | | 35.0 | 1,2,3,5,6,7,8 |
| IU-1-11 | GENERAL STORAGE | DIAKIN / FXZA09AAVJU | 20 | 317 | | 8,872 | 10,228 | - | 208/240/1PH | 0.3 | - | 15A | | 35.0 | 1,2,3,5,6,7,8 |
| IU-1-12 | HALLWAY | DIAKIN / FXZA09AAVJU | 20 | 317 | | 8,872 | 10,228 | - | 208/240/1PH | 0.3 | - | 15A | | 35.0 | 1,2,3,5,6,7,8 |
| IU-1-13 | I.T. ROOM | DIAKIN / FXZA09AAVJU | 20 | 317 | | 8,872 | 10,228 | - | 208/240/1PH | 0.3 | - | 15A | | 35.0 | 1,2,3,5,6,7,8 |
| IU-1-14 | I.T. ROOM | DIAKIN / FXZA09AAVJU | 20 | 317 | | 8,872 | 10,228 | - | 208/240/1PH | 0.3 | - | 15A | | 35.0 | 1,2,3,5,6,7,8 |
| IU-1-15 | MARSHALL LOCKERS #1 | DIAKIN / FXZA09AAVJU | 20 | 317 | | 8,872 | 10,228 | - | 208/240/1PH | 0.3 | - | 15A | | 35.0 | 1,2,3,5,6,7,8 |
| IU-1-16 | MARSHALL LOCKERS #2 | DIAKIN / FXZA09AAVJU | 20 | 317 | | 8,872 | 10,228 | - | 208/240/1PH | 0.3 | - | 15A | | 35.0 | 1,2,3,5,6,7,8 |
| IU-1-17 | ELEVATOR/STAIR #2 | DIAKIN / FXZAI2AAVJU | 100 | 358 | | 11,260 | 12,957 | - | 208/240/1PH | 0.4 | - | 15A | | 36.0 | 1,2,3,5,6,7,8 |
| IU-1-18 | ELECTRICAL ROOM | DIAKIN / FXZA09AAVJU | 20 | 317 | | 8,872 | 10,228 | - | 208/240/1PH | 0.3 | - | 15A | | 35.0 | 1,2,3,5,6,7,8 |
| IU-1-19 | STAFF HALLWAYS | DIAKIN / FXZA09AAVJU | 20 | 317 | | 8,872 | 10,228 | - | 208/240/1PH | 0.3 | - | 15A | | 35.0 | 1,2,3,5,6,7,8 |
| IU-1-20 | MAINTENANCE WORK ROOM | DIAKIN / FXZA09AAVJU | 20 | 317 | | 8,872 | 10,228 | - | 208/240/1PH | 0.3 | - | 15A | | 35.0 | 1,2,3,5,6,7,8 |
| IU-1-21 | STAFF HALLWAYS | DIAKIN / FXZA09AAVJU | 20 | 317 | | 8,872 | 10,228 | - | 208/240/1PH | 0.3 | - | 15A | | 35.0 | 1,2,3,5,6,7,8 |
| IU-1-22 | MAINTENANCE | DIAKIN / FXZA09AAVJU | 20 | 317 | | 8,872 | 10,228 | - | 208/240/1PH | 0.3 | - | 15A | | 35.0 | 1,2,3,5,6,7,8 |

NOTES: 1) WALL TEMPERATURE SENSOR, 2) BACNET INTERFACE B.M.S., 3) CONDENSATE PUMP, 4) WALL MOUNT BRACKETS, 5) FACTORY START UP, 6) 2 PIPE REFNET PIPING KIT, 7) WIRING ADAPTER, 8) FRESH AIR INTAKE FLANGE, 9) TRIM PANEL DECORATION KIT EQUIPMENT BASED UPON DAIKIN MANUFACTURE

## VRF HEAT RECOVERY HEAT PUMP EVAPORATOR UNITS SCHEDULE - SECOND FLOOR

| TAG NO. | AREA SERVICED | MANUFACTURER / MODEL | OA CFM | TOTAL CFM | | INDOOR EVAPORATOR UNIT | | | | | | | | WEIGHT (LBS) | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | COOLING | HEATING | SMBH | ELEC. CHARACTERISTICS POWER | MCA | MFA | MOP | | | |
| IU-3-1 | MEDITATION ROOM | DIAKIN / FXZA09AAVJU | 20 | 317 | | 8,872 | 10,228 | - | 208/240/1PH | 0.3 | - | 15A | | 35.0 | 1,2,3,5,6,7,8 |
| IU-3-2 | SECOND FLOOR LOBBY | DIAKIN / FXZA09AAVJU | 20 | 317 | | 8,872 | 10,228 | - | 208/240/1PH | 0.3 | - | 15A | | 35.0 | 1,2,3,5,6,7,8 |
| IU-3-3 | SECOND FLOOR LOBBY | DIAKIN / FXZA09AAVJU | 20 | 317 | | 8,872 | 10,228 | - | 208/240/1PH | 0.3 | - | 15A | | 35.0 | 1,2,3,5,6,7,8 |
| IU-3-4 | SECOND FLOOR LOBBY | DIAKIN / FXZAI2AAVJU | 100 | 358 | | 11,260 | 12,957 | - | 208/240/1PH | 0.4 | - | 15A | | 36.0 | 1,2,3,5,6,7,8 |
| IU-3-5 | SECOND FLOOR LOBBY | DIAKIN / FXZAI2AAVJU | 100 | 358 | | 11,260 | 12,957 | - | 208/240/1PH | 0.4 | - | 15A | | 36.0 | 1,2,3,5,6,7,8 |
| IU-3-6 | SECOND FLOOR LOBBY | DIAKIN / FXZAI2AAVJU | 100 | 358 | | 11,260 | 12,957 | - | 208/240/1PH | 0.4 | - | 15A | | 36.0 | 1,2,3,5,6,7,8 |
| IU-3-7 | CONFERENCE ROOM | DIAKIN / FXZA09AAVJU | 20 | 317 | | 8,872 | 10,228 | - | 208/240/1PH | 0.3 | - | 15A | | 35.0 | 1,2,3,5,6,7,8 |
| IU-3-8 | SECOND FLOOR LOBBY | DIAKIN / FXZA09AAVJU | 20 | 317 | | 8,872 | 10,228 | - | 208/240/1PH | 0.3 | - | 15A | | 35.0 | 1,2,3,5,6,7,8 |
| IU-3-9 | CONFERENCE ROOM | DIAKIN / FXZA09AAVJU | 20 | 317 | | 8,872 | 10,228 | - | 208/240/1PH | 0.3 | - | 15A | | 35.0 | 1,2,3,5,6,7,8 |
| IU-3-10 | CONFERENCE ROOM | DIAKIN / FXZAI2AAVJU | 100 | 358 | | 11,260 | 12,957 | - | 208/240/1PH | 0.4 | - | 15A | | 36.0 | 1,2,3,5,6,7,8 |
| IU-3-11 | PUBLIC DEFENDER SUITE | DIAKIN / FXZAI2AAVJU | 100 | 358 | | 11,260 | 12,957 | - | 208/240/1PH | 0.4 | - | 15A | | 36.0 | 1,2,3,5,6,7,8 |
| IU-3-12 | PUBLIC DEFENDER OFFICE | DIAKIN / FXZA09AAVJU | 20 | 317 | | 8,872 | 10,228 | - | 208/240/1PH | 0.3 | - | 15A | | 35.0 | 1,2,3,5,6,7,8 |
| IU-3-13 | CONFERENCE ROOM | DIAKIN / FXZAI2AAVJU | 100 | 358 | | 11,260 | 12,957 | - | 208/240/1PH | 0.4 | - | 15A | | 36.0 | 1,2,3,5,6,7,8 |
| IU-3-14 | CONFERENCE ROOM | DIAKIN / FXZA09AAVJU | 20 | 317 | | 8,872 | 10,228 | - | 208/240/1PH | 0.3 | - | 15A | | 35.0 | 1,2,3,5,6,7,8 |
| IU-3-15 | CONFERENCE ROOM | DIAKIN / FXZA09AAVJU | 20 | 317 | | 8,872 | 10,228 | - | 208/240/1PH | 0.3 | - | 15A | | 35.0 | 1,2,3,5,6,7,8 |
| IU-3-16 | CONFERENCE ROOM | DIAKIN / FXZA09AAVJU | 20 | 317 | | 8,872 | 10,228 | - | 208/240/1PH | 0.3 | - | 15A | | 35.0 | 1,2,3,5,6,7,8 |
| IU-3-17 | ATTORNEYS | DIAKIN / FXZAI2AAVJU | 100 | 358 | | 11,260 | 12,957 | - | 208/240/1PH | 0.4 | - | 15A | | 36.0 | 1,2,3,5,6,7,8 |
| IU-3-18 | SECOND FLOOR LOBBY | DIAKIN / FXZAI2AAVJU | 100 | 358 | | 11,260 | 12,957 | - | 208/240/1PH | 0.4 | - | 15A | | 36.0 | 1,2,3,5,6,7,8 |
| IU-3-19 | SECOND FLOOR LOBBY | DIAKIN / FXZAI2AAVJU | 100 | 358 | | 11,260 | 12,957 | - | 208/240/1PH | 0.4 | - | 15A | | 36.0 | 1,2,3,5,6,7,8 |
| IU-3-20 | SECOND FLOOR LOBBY | DIAKIN / FXZAI2AAVJU | 100 | 358 | | 11,260 | 12,957 | - | 208/240/1PH | 0.4 | - | 15A | | 36.0 | 1,2,3,5,6,7,8 |
| IU-3-21 | SECOND FLOOR LOBBY | DIAKIN / FXZAI2AAVJU | 100 | 358 | | 11,260 | 12,957 | - | 208/240/1PH | 0.4 | - | 15A | | 36.0 | 1,2,3,5,6,7,8 |
| IU-3-22 | DISPOSITION ROOM | DIAKIN / FXZA09AAVJU | 20 | 317 | | 8,872 | 10,228 | - | 208/240/1PH | 0.3 | | 15A | | 35.0 | 1,2,3,5,6,7,8 |
| IU-3-23 | DISPOSITION ROOM | DIAKIN / FXZA09AAVJU | 20 | 317 | | 8,872 | 10,228 | - | 208/240/1PH | 0.3 | - | 15A | | 35.0 | 1,2,3,5,6,7,8 |
| IU-3-24 | MULTI-USE ROOM | DIAKIN / FXZA09AAVJU | 20 | 317 | | 8,872 | 10,228 | - | 208/240/1PH | 0.3 | - | 15A | | 35.0 | 1,2,3,5,6,7,8 |
| IU-3-25 | REMOTE CLERK | DIAKIN / FXZA09AAVJU | 20 | 317 | | 8,872 | 10,228 | - | 208/240/1PH | 0.3 | - | 15A | | 35.0 | 1,2,3,5,6,7,8 |
| IU-3-26 | MARSHALS SECURITY CONTROL | DIAKIN / FXZA09AAVJU | 20 | 317 | | 8,872 | 10,228 | - | 208/240/1PH | 0.3 | - | 15A | | 35.0 | 1,2,3,5,6,7,8 |
| IU-3-27 | MARSHALS SECURITY CONTROL | DIAKIN / FXZA09AAVJU | 20 | 317 | | 8,872 | 10,228 | - | 208/240/1PH | 0.3 | - | 15A | | 35.0 | 1,2,3,5,6,7,8 |
| IU-3-28 | MARSHALS SECURITY CONTROL | DIAKIN / FXZA09AAVJU | 20 | 317 | | 8,872 | 10,228 | - | 208/240/1PH | 0.3 | - | 15A | | 35.0 | 1,2,3,5,6,7,8 |
| IU-3-29 | STAFF CORRIDORS | DIAKIN / FXZA09AAVJU | 20 | 317 | | 8,872 | 10,228 | - | 208/240/1PH | 0.3 | - | 15A | | 35.0 | 1,2,3,5,6,7,8 |
| IU-3-30 | JUDGE CHAMBERS | DIAKIN / FXZAI2AAVJU | 100 | 358 | | 11,260 | 12,957 | - | 208/240/1PH | 0.4 | - | 15A | | 36.0 | 1,2,3,5,6,7,8 |
| IU-3-31 | STAFF CORRIDORS | DIAKIN / FXZAI2AAVJU | 100 | 358 | | 11,260 | 12,957 | - | 208/240/1PH | 0.4 | - | 15A | | 36.0 | 1,2,3,5,6,7,8 |
| IU-3-32 | JUDICIAL CONF. RM. | DIAKIN / FXZA09AAVJU | 20 | 317 | | 8,872 | 10,228 | - | 208/240/1PH | 0.3 | - | 15A | | 35.0 | 1,2,3,5,6,7,8 |
| IU-3-33 | STAFF CORRIDORS | DIAKIN / FXZAI2AAVJU | 100 | 358 | | 11,260 | 12,957 | - | 208/240/1PH | 0.4 | - | 15A | | 36.0 | 1,2,3,5,6,7,8 |
| IU-3-34 | STAFF CORRIDORS | DIAKIN / FXZAI2AAVJU | 100 | 358 | | 11,260 | 12,957 | - | 208/240/1PH | 0.4 | - | 15A | | 36.0 | 1,2,3,5,6,7,8 |
| IU-3-35 | JUDGE CHAMBERS | DIAKIN / FXZAI2AAVJU | 100 | 358 | | 11,260 | 12,957 | - | 208/240/1PH | 0.4 | - | 15A | | 36.0 | 1,2,3,5,6,7,8 |
| IU-3-36 | STAFF CORRIDORS | DIAKIN / FXZA09AAVJU | 20 | 317 | | 8,872 | 10,228 | - | 208/240/1PH | 0.3 | - | 15A | | 35.0 | 1,2,3,5,6,7,8 |
| IU-3-37 | JUDGE CHAMBERS | DIAKIN / FXZAI2AAVJU | 100 | 358 | | 11,260 | 12,957 | - | 208/240/1PH | 0.4 | - | 15A | | 36.0 | 1,2,3,5,6,7,8 |
| IU-3-38 | STAFF CORRIDORS | DIAKIN / FXZA09AAVJU | 20 | 317 | | 8,872 | 10,228 | - | 208/240/1PH | 0.3 | - | 15A | | 35.0 | 1,2,3,5,6,7,8 |

NOTES: 1) WALL TEMPERATURE SENSOR, 2) BACNET INTERFACE B.M.S., 3) CONDENSATE PUMP, 4) WALL MOUNT BRACKETS, 5) FACTORY START UP, 6) 2 PIPE REFNET PIPING KIT, 7) WIRING ADAPTER, 8) FRESH AIR INTAKE FLANGE, 9) TRIM PANEL DECORATION KIT EQUIPMENT BASED UPON DAIKIN MANUFACTURE

## AIR CONDENSING UNIT SCHEDULE

| TAG NO. | AREA SERVED | MAKE/MODEL DAIKIN | CAPACITY TONS | EFFICIENCY SEER | EFFICIENCY EER2 | CAPACITY COOLING BTU/HR | CAPACITY HEATING BTU/HR | REFRIGERANT | ELECTRICAL VOLTS | ELECTRICAL PHASE | ELECTRICAL FLA | UNIT WEIGHT | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ACU-1,2,3 & 4 | TECH ROOMS 146/1191/250/216 | RKFI2BVJU9 | 1.0 | 21.0 | 12.5 | 12,000 | 0 | R32 | 208V | 1PH | 14.2 | 71 LBS | |
| AC-1, 2, 3 & 4 | TECH ROOMS 146/1191/250/216 | FTKFI2BVJU9 | 1.0 | - | - | 12,000 | 0 | R32 | 208V | 1PH | .5 | 19 LBS | |
| | | | | | | | | | | | | | |

## FAN COIL AIR HANDLING UNIT SCHEDULE

| TAG NO. | AREA SERVED | MANUFACTURE/MODEL | SUPPLY FAN CFM | SUPPLY FAN TSP | SUPPLY FAN RPM | SUPPLY FAN HP | RETURN FAN CFM | RETURN FAN TSP | RETURN FAN RPM | RETURN FAN HP | ELECTRIC | HOT WATER HEATING COIL 35% GLYCOL EWT | EAT | LAT | MBH | GPM | WPD | APD | C.W. COOLING COIL GPM | EAT | CAPACITY TOTAL MBH | CAPACITY SENSIBLE | MIN. O.A. | WEIGHT (LBS) | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FCU-1 & 2 | PRISONER AREA GRD FLR | DAIKIN / BCHD0101 | 800 | 3.0 | 1872 | 1.0 | | | | | 208V 1PH | 140F | 70 | 110 | 35.6 | 3.8 | 7.5 | 8.3 | 5.5 | 80F/67WB | 25.915 | 20.1 | 120 | 368 | SA & RA HORIZONTAL CONNECTIONS, CEILING HUNG, ECM MOTORS. 0 TO 10VDC |
| FCU-3 | MAIN ENTRANCE 1ST FLR | DAIKIN / BCHD0161 | 1200 | 2.87 | 1868 | 1.5 | | | | | 208V 1PH | 140F | 60 | 90 | 41.2 | 4.4 | 2.1 | 5.3 | 7.1 | 80F/67WB | 33.4 | 27.7 | 180 | 498 | SA & RA HORIZONTAL CONNECTIONS, CEILING HUNG, ECM MOTORS. 0 TO 10VDC |
| FCU-4 & 5 | CLERK AREA 1ST FLR | DAIKIN / BCHD0121 | 1000 | 2.78 | 1781 | 1.0 | | | | | 208V 1PH | 140F | 60 | 90 | 27.1 | 3.0 | 2.0 | 8.9 | 5.8 | 80F/67WB | 27.3 | 23.0 | 150 | 367 | SA & RA HORIZONTAL CONNECTIONS, CEILING HUNG, ECM MOTORS. 0 TO 10VDC |
| FCU-6 & 7 | JURY RM 1ST / 2ND FLR | DAIKIN / BCHD0101 | 800 | 3.0 | 1872 | 1.0 | | | | | 208V 1PH | 140F | 60 | 90 | 35.6 | 3.8 | 7.5 | 8.3 | 5.5 | 80F/67WB | 25.915 | 20.1 | 120 | 368 | SA & RA HORIZONTAL CONNECTIONS, CEILING HUNG, ECM MOTORS. 0 TO 10VDC |

NOTES: 1) PROVIDE MERV 13 FINAL FILTERS WITH SPARES, ECM MOTORS 0 TO 10VDC CONTROL. ALL UNITS WITH CABINET CORNER MOUNTS. UNIT DEPTH NO GREATER THAN 18". ALL UNITS PROVIDED WITH CONDENSATE PUMP KITS, FLEXIBLE DUCTWORK CONNECTORS, ACCESS DOOR PANELS, BOTH SIDES, SEPARATE POWER/CONTROL PANEL TERMINALS.

## VRF HEAT RECOVERY HEAT PUMP EVAPORATOR UNITS SCHEDULE - FIRST FLOOR

| TAG NO. | AREA SERVICED | MANUFACTURER / MODEL | OA CFM | TOTAL CFM | | INDOOR EVAPORATOR UNIT | | | | | | | | WEIGHT (LBS) | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | COOLING | HEATING | SMBH | ELEC. CHARACTERISTICS POWER | MCA | MFA | MOP | | | |
| IU-2-1 | SECURITY OFFICE/WORK | DIAKIN / FXZA09AAVJU | 20 | 317 | | 8,872 | 10,228 | - | 208/240/1PH | 0.3 | - | 15A | | 35.0 | 1,2,3,5,6,7,8 |
| IU-2-2 | FIRST FLOOR LOBBY | DIAKIN / FXZAI2AAVJU | 100 | 358 | | 11,260 | 12,957 | - | 208/240/1PH | 0.4 | - | 15A | | 36.0 | 1,2,3,5,6,7,8 |
| IU-2-3 | FIRST FLOOR LOBBY | DIAKIN / FXZAI2AAVJU | 100 | 358 | | 11,260 | 12,957 | - | 208/240/1PH | 0.4 | - | 15A | | 36.0 | 1,2,3,5,6,7,8 |
| IU-2-4 | MAIN EXIT 1ST FLOOR | DIAKIN / FXZAI2AAVJU | 100 | 358 | | 11,260 | 12,957 | - | 208/240/1PH | 0.4 | - | 15A | | 36.0 | 1,2,3,5,6,7,8 |
| IU-2-5 | FIRST FLOOR LOBBY | DIAKIN / FXZAI2AAVJU | 100 | 358 | | 11,260 | 12,957 | - | 208/240/1PH | 0.4 | - | 15A | | 36.0 | 1,2,3,5,6,7,8 |
| IU-2-6 | FIRST FLOOR LOBBY | DIAKIN / FXZAI2AAVJU | 100 | 358 | | 11,260 | 12,957 | - | 208/240/1PH | 0.4 | - | 15A | | 36.0 | 1,2,3,5,6,7,8 |
| IU-2-7 | CONFERENCE ROOM | DIAKIN / FXZA09AAVJU | 20 | 317 | | 8,872 | 10,228 | - | 208/240/1PH | 0.3 | - | 15A | | 35.0 | 1,2,3,5,6,7,8 |
| IU-2-8 | CONFERENCE ROOM | DIAKIN / FXZAI2AAVJU | 100 | 358 | | 11,260 | 12,957 | - | 208/240/1PH | 0.4 | - | 15A | | 36.0 | 1,2,3,5,6,7,8 |
| IU-2-9 | D.A. SUITE | DIAKIN / FXZAI2AAVJU | 100 | 358 | | 11,260 | 12,957 | - | 208/240/1PH | 0.4 | - | 15A | | 36.0 | 1,2,3,5,6,7,8 |
| IU-2-10 | D.A. OFFICE | DIAKIN / FXZA09AAVJU | 20 | 317 | | 8,872 | 10,228 | - | 208/240/1PH | 0.3 | - | 15A | | 35.0 | 1,2,3,5,6,7,8 |
| IU-2-11 | CONFERENCE ROOM | DIAKIN / FXZAI2AAVJU | 100 | 358 | | 11,260 | 12,957 | - | 208/240/1PH | 0.4 | - | 15A | | 36.0 | 1,2,3,5,6,7,8 |
| IU-2-12 | CONFERENCE ROOM | DIAKIN / FXZA09AAVJU | 20 | 317 | | 8,872 | 10,228 | - | 208/240/1PH | 0.3 | - | 15A | | 35.0 | 1,2,3,5,6,7,8 |
| IU-2-13 | POLICE WORK | DIAKIN / FXZA09AAVJU | 20 | 317 | | 8,872 | 10,228 | - | 208/240/1PH | 0.3 | - | 15A | | 35.0 | 1,2,3,5,6,7,8 |
| IU-2-14 | FIN. SCR. OFFICE | DIAKIN / FXZA09AAVJU | 20 | 317 | | 8,872 | 10,228 | - | 208/240/1PH | 0.3 | - | 15A | | 35.0 | 1,2,3,5,6,7,8 |
| IU-2-15 | HALLWAY | DIAKIN / FXZAI2AAVJU | 100 | 358 | | 11,260 | 12,957 | - | 208/240/1PH | 0.4 | - | 15A | | 36.0 | 1,2,3,5,6,7,8 |
| IU-2-16 | CONFERENCE ROOM | DIAKIN / FXZAI2AAVJU | 100 | 358 | | 11,260 | 12,957 | - | 208/240/1PH | 0.4 | - | 15A | | 36.0 | 1,2,3,5,6,7,8 |
| IU-2-17 | FIRST FLOOR LOBBY | DIAKIN / FXZAI2AAVJU | 100 | 358 | | 11,260 | 12,957 | - | 208/240/1PH | 0.4 | - | 15A | | 36.0 | 1,2,3,5,6,7,8 |
| IU-2-18 | FIRST FLOOR LOBBY | DIAKIN / FXZAI2AAVJU | 100 | 358 | | 11,260 | 12,957 | - | 208/240/1PH | 0.4 | - | 15A | | 36.0 | 1,2,3,5,6,7,8 |
| IU-2-19 | FIRST FLOOR LOBBY | DIAKIN / FXZAI2AAVJU | 100 | 358 | | 11,260 | 12,957 | - | 208/240/1PH | 0.4 | - | 15A | | 36.0 | 1,2,3,5,6,7,8 |
| IU-2-20 | FIRST FLOOR LOBBY | DIAKIN / FXZA09AAVJU | 20 | 317 | | 8,872 | 10,228 | - | 208/240/1PH | 0.3 | - | 15A | | 35.0 | 1,2,3,5,6,7,8 |
| IU-2-21 | STAFF CORRIDORS | DIAKIN / FXZA09AAVJU | 20 | 317 | | 8,872 | 10,228 | - | 208/240/1PH | 0.3 | - | 15A | | 35.0 | 1,2,3,5,6,7,8 |
| IU-2-22 | STAFF CORRIDORS | DIAKIN / FXZA09AAVJU | 20 | 317 | | 8,872 | 10,228 | - | 208/240/1PH | 0.3 | - | 15A | | 35.0 | 1,2,3,5,6,7,8 |
| IU-2-23 | JUDGE CHAMBERS | DIAKIN / FXZA09AAVJU | 20 | 317 | | 8,872 | 10,228 | - | 208/240/1PH | 0.3 | - | 15A | | 35.0 | 1,2,3,5,6,7,8 |
| IU-2-24 | STAFF CONF. | DIAKIN / FXZAI2AAVJU | 20 | 317 | | 8,872 | 10,228 | - | 208/240/1PH | 0.3 | - | 15A | | 35.0 | 1,2,3,5,6,7,8 |
| IU-2-25 | STAFF CORRIDORS | DIAKIN / FXZA09AAVJU | 20 | 317 | | 8,872 | 10,228 | - | 208/240/1PH | 0.3 | - | 15A | | 35.0 | 1,2,3,5,6,7,8 |
| IU-2-26 | CLERK'S OFFICE | DIAKIN / FXZA09AAVJU | 20 | 317 | | 8,872 | 10,228 | - | 208/240/1PH | 0.3 | - | 15A | | 35.0 | 1,2,3,5,6,7,8 |
| IU-2-27 | STAFF CORRIDORS | DIAKIN / FXZA09AAVJU | 20 | 317 | | 8,872 | 10,228 | - | 208/240/1PH | 0.3 | - | 15A | | 35.0 | 1,2,3,5,6,7,8 |
| IU-2-28 | STAFF BREAK ROOM | DIAKIN / FXZAI2AAVJU | 100 | 358 | | 11,260 | 12,957 | - | 208/240/1PH | 0.4 | - | 15A | | 36.0 | 1,2,3,5,6,7,8 |
| IU-2-29 | STAFF CORRIDORS | DIAKIN / FXZA09AAVJU | 20 | 317 | | 8,872 | 10,228 | - | 208/240/1PH | 0.3 | - | 15A | | 35.0 | 1,2,3,5,6,7,8 |
| IU-2-30 | STAFF CORRIDORS | DIAKIN / FXZA09AAVJU | 20 | 317 | | 8,872 | 10,228 | - | 208/240/1PH | 0.3 | - | 15A | | 35.0 | 1,2,3,5,6,7,8 |
| IU-2-31 | JUDGE CHAMBERS | DIAKIN / FXZAI2AAVJU | 100 | 358 | | 11,260 | 12,957 | - | 208/240/1PH | 0.4 | - | 15A | | 36.0 | 1,2,3,5,6,7,8 |
| IU-ENT | MAIN ENTRANCE 1ST FLOOR | DIAKIN / FXZAI2AAVJU | | | | 11,260 | 12,957 | - | 208/240/1PH | 0.4 | - | 15A | | 36.0 | 1,2,3,5,6,7,8 |

NOTES: 1) WALL TEMPERATURE SENSOR, 2) BACNET INTERFACE B.M.S., 3) CONDENSATE PUMP, 4) WALL MOUNT BRACKETS, 5) FACTORY START UP, 6) 2 PIPE REFNET PIPING KIT, 7) WIRING ADAPTER, 8) FRESH AIR INTAKE FLANGE, 9) TRIM PANEL DECORATION KIT EQUIPMENT BASED UPON DAIKIN MANUFACTURE

## VARIABLE AIR VOLUME BOX (VAV) SCHEDULE

| TAG NO. | AREA SERVED | TYPE / SIZE | MIN/MAX | CAPACITY MBH | HOT WATER DATA GPM | HOT WATER DATA EWT °F | HOT WATER DATA LWT °F | NECK SIZE | DUCT OUTLET |
|---|---|---|---|---|---|---|---|---|---|
| VAVI-1 | STAFF HALLWAY | A / 600 | 270/400 | | | | | 6" | 9"x10" |
| VAVI-2 | PRISONER AREA 1 & HALLWAY | A / 600 | 480/600 | | | | | 6" | 9"x10" |
| VAVI-3 | MARSHALL LOCKER ROOMS | A / 600 | 180/300 | 17.6 | 1.0 | 140 | 120 | 6" | 9"x10" |
| VAVI-4 | IT ROOM | A / 600 | 100/300 | | | | | 6" | 9"x10" |
| VAVI-5 | EVIDENCE ROOM/HALLWAY | A / 600 | 160/300 | | | | | 6" | 9"x10" |
| VAVI-6 | FILE ROOM | A / 600 | 60/300 | | | | | 6" | 9"x10" |
| VAVI-7 | GENERAL STORAGE | A / 600 | 280/300 | | | | | 6" | 9"x10" |
| VAVI-8 | PRISONER AREA 2 / HALLWAY | A / 600 | 350/600 | | | | | 6" | 9"x10" |
| VAVI-9 | GRD FLOOR MECHANICAL ROOM | A / 600 | 100/600 | 17.6 | 1.0 | 140 | 120 | 6" | 9"x10" |
| VAV2-1 | AHU-1 NON JURY 1 | C /1500 | 200/1200 | | | | | 10" | 14"x10" |
| VAV2-2 | FCU3/ENTRY/EXIST CASSETTS | A / 600 | 140/600 | | | | | 6" | 9"x10" |
| VAV2-3 | SECURITY & STAIR #1 | A / 600 | 150/600 | | | | | 6" | 9"x10" |
| VAV2-4 | H.K./CLERK HALL/INTV. | A / 600 | 240/600 | 17.6 | 1.0 | 140 | 120 | 6" | 9"x10" |
| VAV2-5 | DA SUITE/CONF. ROOMS | A / 600 | 120/300 | | | | | 6" | 9"x10" |
| VAV2-6 | CONFERENCE ROOMS | A / 600 | 240/300 | | | | | 6" | 9"x10" |
| VAV2-7 | 1ST LEVEL LOBBY | A / 600 | 150/300 | | | | | 6" | 9"x10" |
| VAV2-8 | WOMENS TOILET, INTVW. | A / 600 | 240/600 | 17.6 | 1.0 | 140 | 120 | 6" | 9"x10" |
| VAV2-9 | 1ST LEVEL LOBBY AC CASSETTES | A / 600 | 150/300 | | | | | 6" | 9"x10" |
| VAV2-10 | AHU-2 JURY 2 | C /2000 | 200/1200 | | | | | 10" | 14"x10" |
| VAV2-11 | STAFF HALLWAY | A / 600 | 310/600 | | | | | 6" | 9"x10" |
| VAV2-12 | CLERKS FCU 4 & 5 | C /1500 | 200/1000 | | | | | 10" | 14"x10" |
| VAV2-13 | STAFF HALLWAY | A / 600 | 310/600 | | | | | 6" | 9"x10" |
| VAV2-14 | JURY ROOM 1ST LEVEL FCU 6 | A / 600 | 120/300 | | | | | 6" | 9"x10" |
| VAV3-1 | SECOND FLOOR LOBBY | A / 600 | 230/300 | | | | | 6" | 9"x10" |
| VAV3-2 | MARSHALS SECURITY CONTROL | A / 600 | 130/300 | | | | | 6" | 9"x10" |
| VAV3-3 | PRISONERS/INTERV WEST | A / 600 | 460/600 | 17.6 | 1.0 | 140 | 120 | 6" | 9"x10" |
| VAV3-4 | LOBBY 2ND FLOOR | A / 600 | 180/300 | | | | | 6" | 9"x10" |
| VAV3-5 | CONF RMS/ DEFENDER | A / 600 | 120/300 | | | | | 6" | 9"x10" |
| VAV3-6 | CONFERENCE ROOMS. | A / 600 | 180/300 | | | | | 6" | 9"x10" |
| VAV3-7 | CONFERENCE/ATTORNEYS | A / 600 | 150/300 | | | | | 6" | 9"x10" |
| VAV3-8 | 2ND FLOOR MECHANICAL RM. | B / 800 | 210/800 | | | | | 7" | 12"x10" |
| VAV3-9 | PRISONERS/INTERV EAST | A / 600 | 310/600 | 17.6 | 1.0 | 140 | 120 | 6" | 9"x10" |
| VAV3-10 | MULTI-USE ROOM/SIGN & DISP | A / 600 | 140/300 | 17.6 | 1.0 | 140 | 120 | 6" | 9"x10" |
| VAV3-11 | JUDGES CHAMBERS WEST | A / 600 | 330/600 | | | | | 6" | 9"x10" |
| VAV3-12 | JUDGES CHAMBERS EAST | A / 600 | 150/300 | | | | | 7" | 12"x10" |
| VAV3-13 | FCU 7 | A / 600 | 200/600 | | | | | 6" | 9"x10" |
| VAV-AHU3 | AHU-3 NON JURY ROOM 3 | C /1500 | 200/1500 | | | | | 10" | 14"x10" |
| VAV-AHU4 | AHU-4 JURY ROOM 4 | D /2000 | 300/2000 | | | | | 12" | 16"x12" |

DAIKIN MANUFATURE EQUIPMENT SCHEDULES: REFER TO MECHANICAL SPECIFICATION SECTION 230000 - APPENDIX "A" FOR OUTDOOR CONDENSER UNITS, REFRIGERATION MANIFOLDS, FAN EVAPORATOR CASSETTE UNITS, PIPING, AND WIRING INFORMATION AND SYSTEM LAYOUTS.

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- ☐ RECORD DRAWINGS

STATE OF MAINE — JEFFREY M. ARMSTRONG No. 5372 — LICENSED PROFESSIONAL ENGINEER

HANCOCK JUDICIAL CENTER
45 MERRILL LANE
ELLSWORTH, MAINE

Construction Project

| REV | DATE | DESCRIPTION |
|---|---|---|
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SCALE: NTS

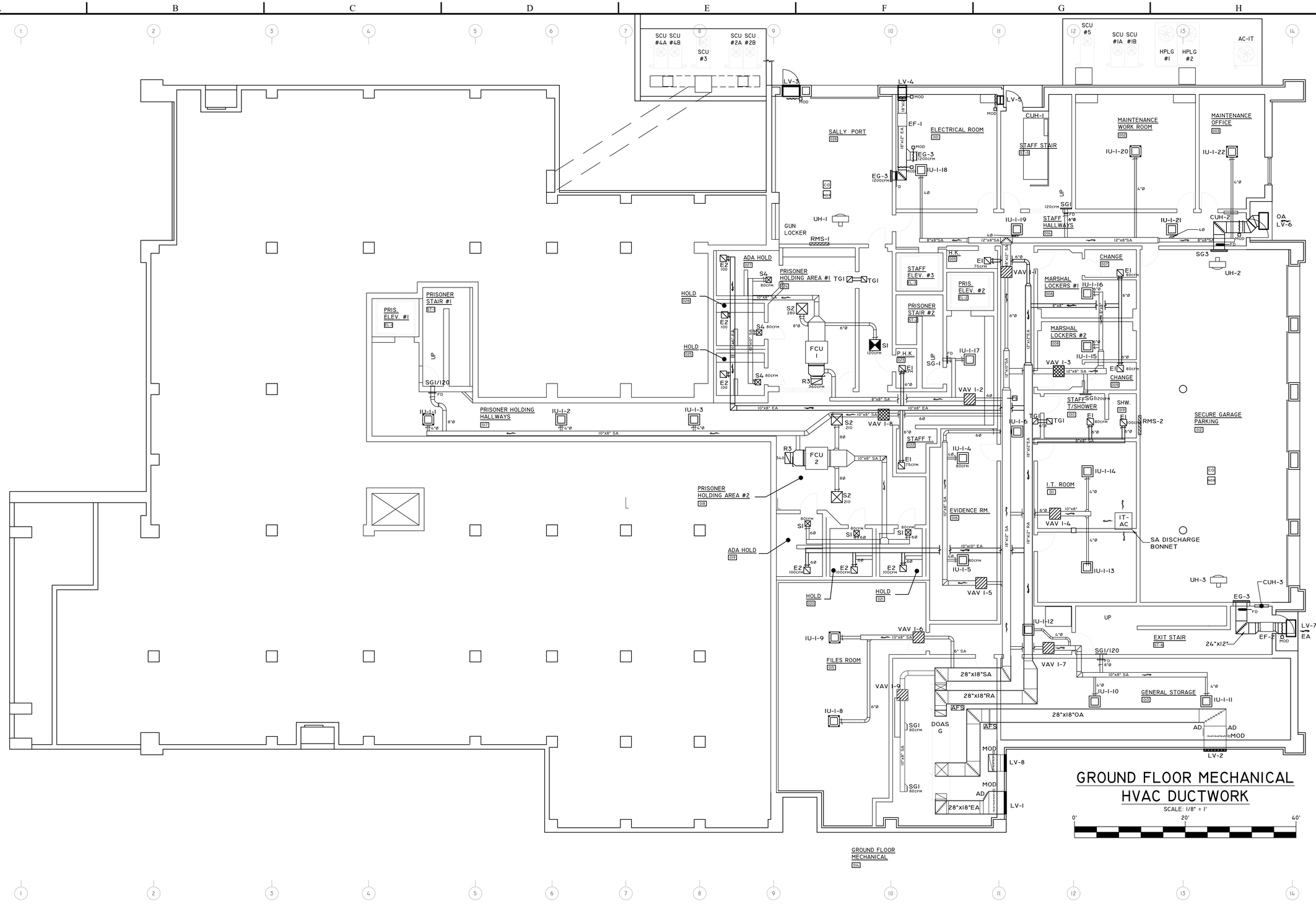
M2.2

SHEET TITLE: MECHANICAL SCHEDULES

DATE: MAY 01, 2026

PROJECT#2501:15

For: PROJECT BIDDING




# GROUND FLOOR MECHANICAL HVAC DUCTWORK

SCALE: 1/8" = 1'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STATE OF MAINE · JEFFREY M. ARMSTRONG · No. 5372 · LICENSED PROFESSIONAL ENGINEER

HANCOCK JUDICIAL CENTER
45 MERRILL LANE
ELLSWORTH, MAINE

Construction Project

| REV | DATE | DESCRIPTION |
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SCALE: 1/8" = 1'
0' 12'

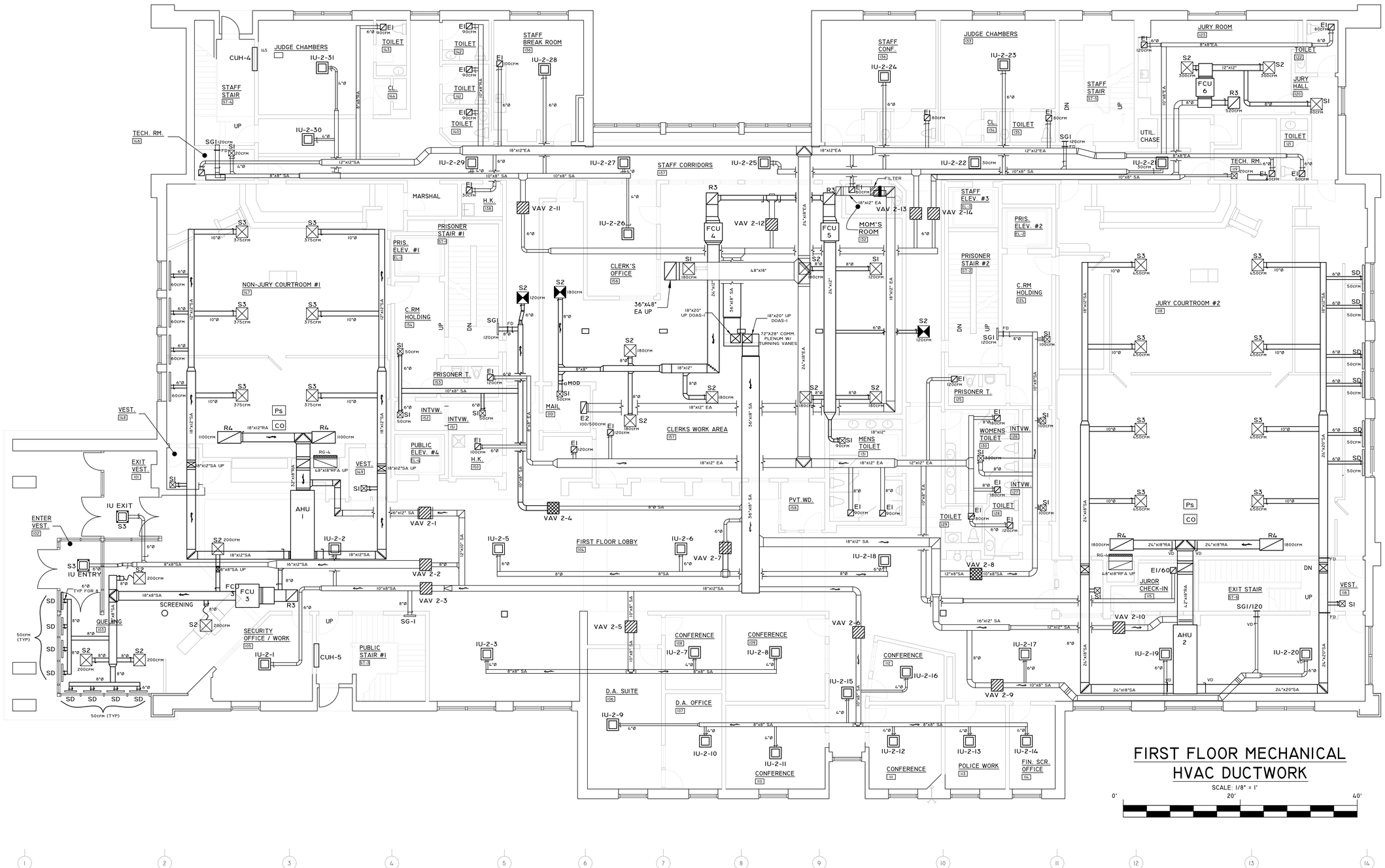
M3.1

SHEET TITLE: HVAC DUCTWORK GROUND FLOOR

DATE: MAY 01, 2026

PROJECT#2501.15

For: PROJECT BIDDING

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HANCOCK JUDICIAL CENTER
45 MERRILL LANE
ELLSWORTH, MAINE

Construction Project

| REV | DATE | DESCRIPTION |
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SCALE: 1/8" = 1'
0' 12'

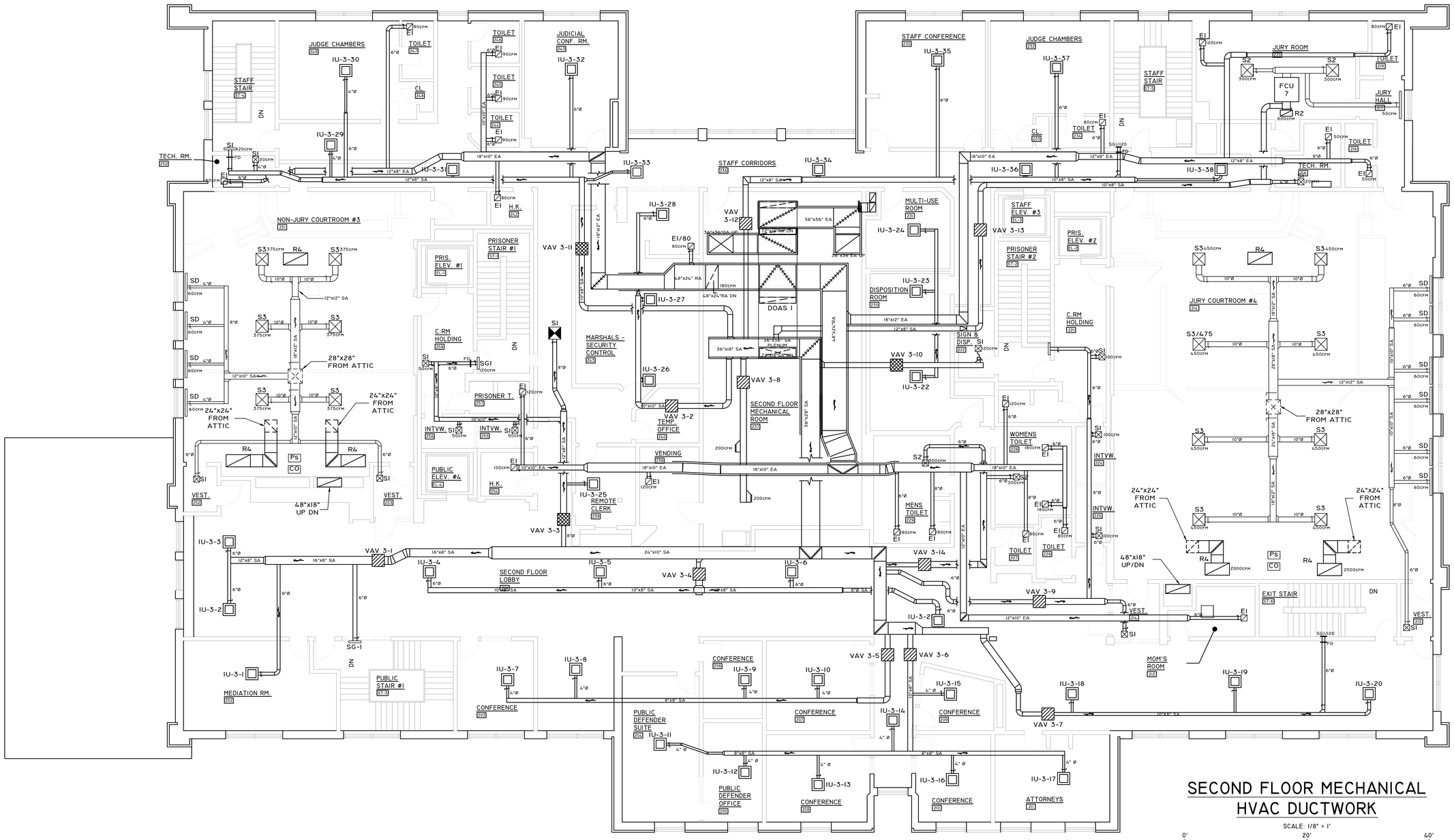
M3.2

SHEET TITLE: HVAC DUCTWORK FIRST FLOOR

DATE: MAY 01, 2026

PROJECT#2501:15

For: PROJECT BIDDING




## SECOND FLOOR MECHANICAL HVAC DUCTWORK

SCALE: 1/8" = 1'

0' 20' 40'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HANCOCK JUDICIAL CENTER
45 MERRILL LANE
ELLSWORTH, MAINE

Construction Project

| REV | DATE | DESCRIPTION |
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SCALE: 1/8" = 1'

0' 12'

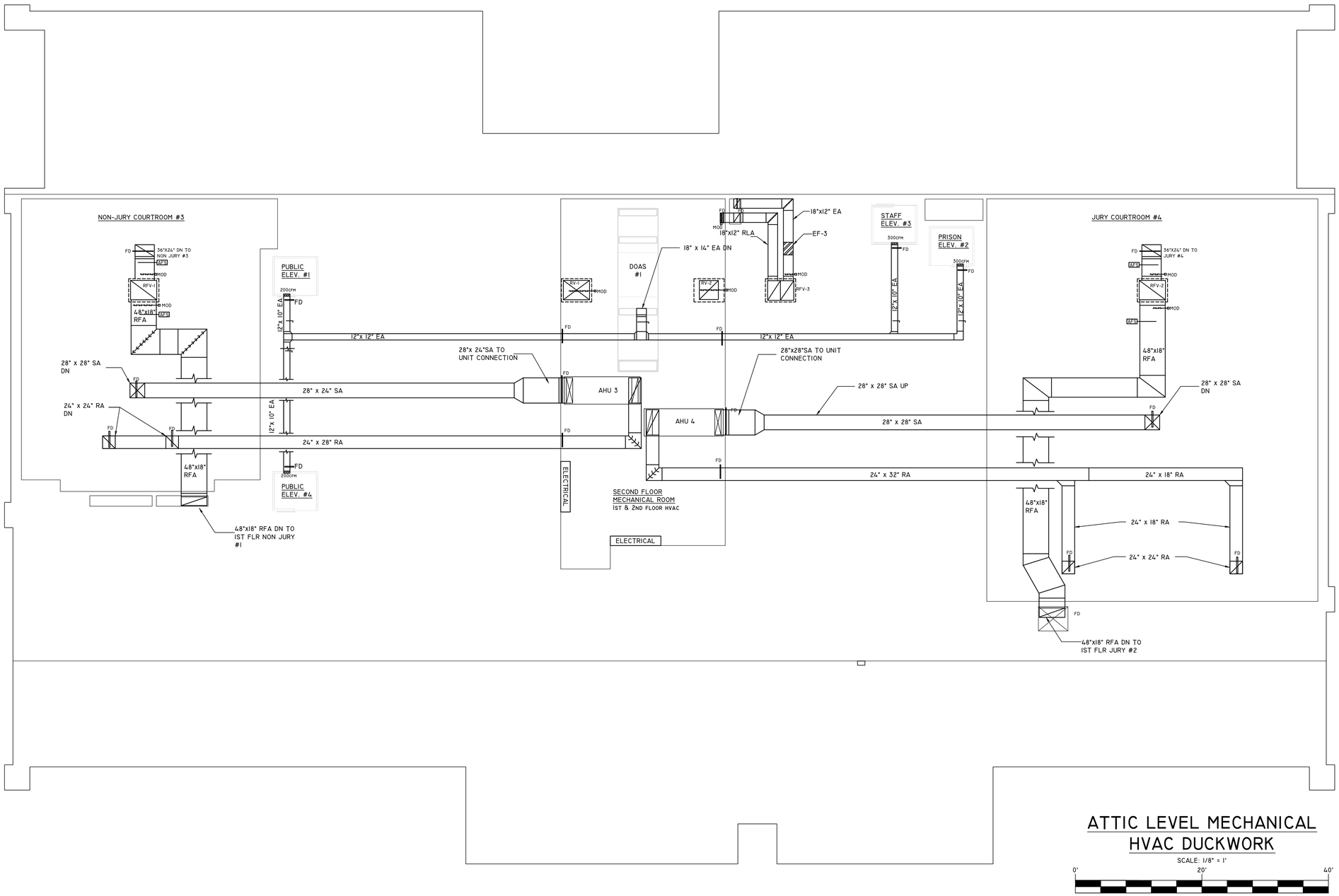
M3.3

SHEET TITLE: HVAC DUCTWORK SECOND FLOOR

DATE: MAY 01, 2026

PROJECT#2501.15

For: PROJECT BIDDING




# ATTIC LEVEL MECHANICAL HVAC DUCKWORK

SCALE: 1/8" = 1'

0' 20' 40'

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HANCOCK JUDICIAL CENTER
45 MERRILL LANE
ELLSWORTH, MAINE

Construction Project

| REV | DATE | DESCRIPTION |
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SCALE: 1/8" = 1'
0' 12'

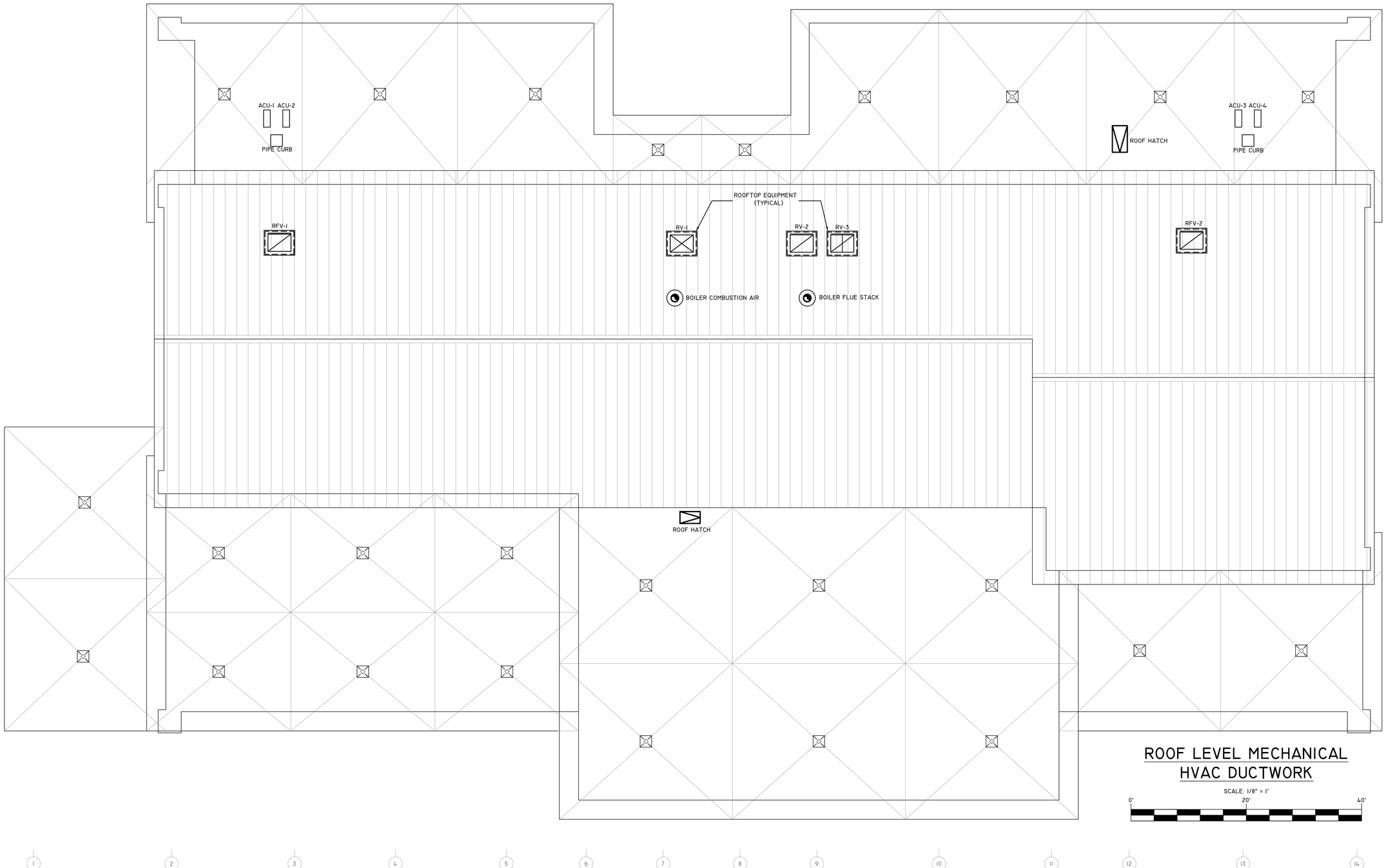
M3.4

SHEET TITLE: HVAC DUCTWORK ATTIC LEVEL

DATE: MAY 01, 2026

PROJECT#2501:15

For: PROJECT BIDDING




# ROOF LEVEL MECHANICAL HVAC DUCTWORK

SCALE: 1/8" = 1'

0' 20' 40'

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No. 5372
LICENSED
PROFESSIONAL ENGINEER

HANCOCK JUDICIAL CENTER
45 MERRILL LANE
ELLSWORTH, MAINE

Construction Project

| REV | DATE | DESCRIPTION |
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SCALE: 1/8" = 1'

0' 12'

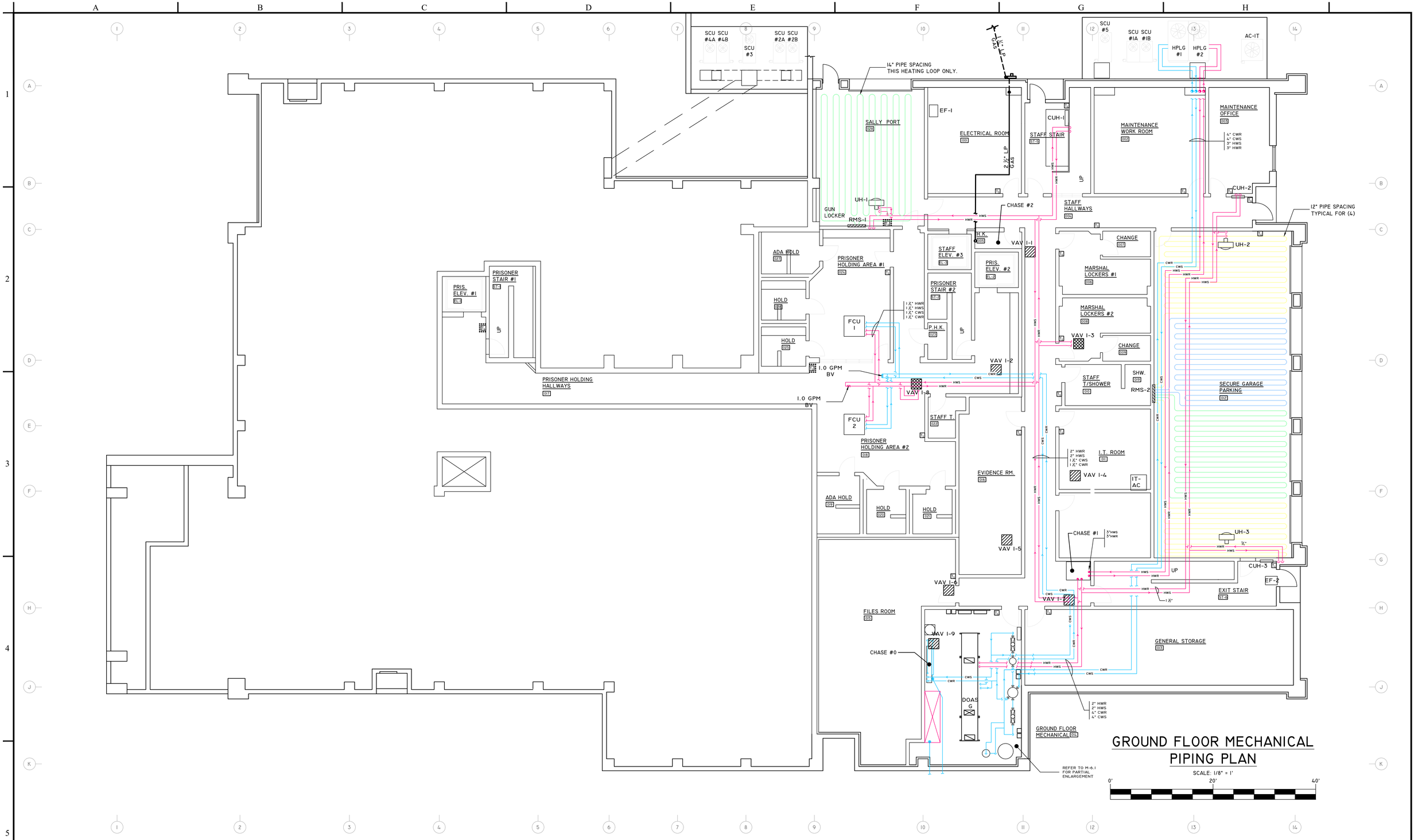
M3.5

SHEET TITLE:
HVAC DUCTWORK ROOF LEVEL

DATE: MAY 01, 2026

PROJECT#25011.15

For: PROJECT BIDDING




# GROUND FLOOR MECHANICAL PIPING PLAN

SCALE: 1/8" = 1'

0' 20' 40'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HANCOCK JUDICIAL CENTER
45 MERRILL LANE
ELLSWORTH, MAINE

Construction Project

| REV | DATE | DESCRIPTION |
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SCALE: 1/8" = 1'

0' 12'

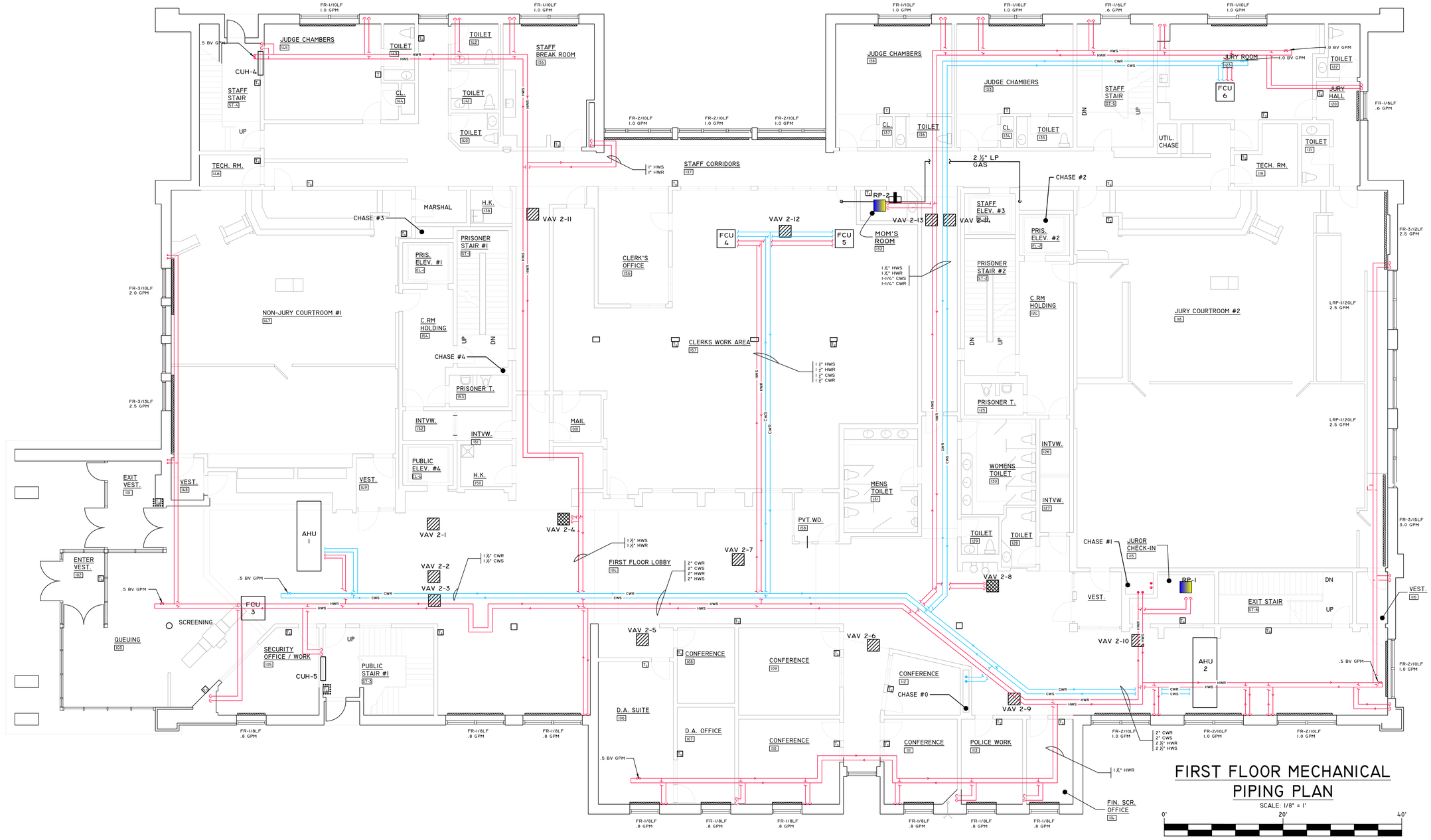
M4.1

SHEET TITLE: GROUND FLOOR MECHANICAL PIPING

DATE: MAY 01, 2026

PROJECT#2501:15

For: PROJECT BIDDING




# FIRST FLOOR MECHANICAL PIPING PLAN

SCALE: 1/8" = 1'

0' 20' 40'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No. 5372
LICENSED
PROFESSIONAL ENGINEER

HANCOCK JUDICIAL CENTER
45 MERRILL LANE
ELLSWORTH, MAINE

Construction Project

| REV | DATE | DESCRIPTION |
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SCALE: 1/8" = 1'

0' 12'

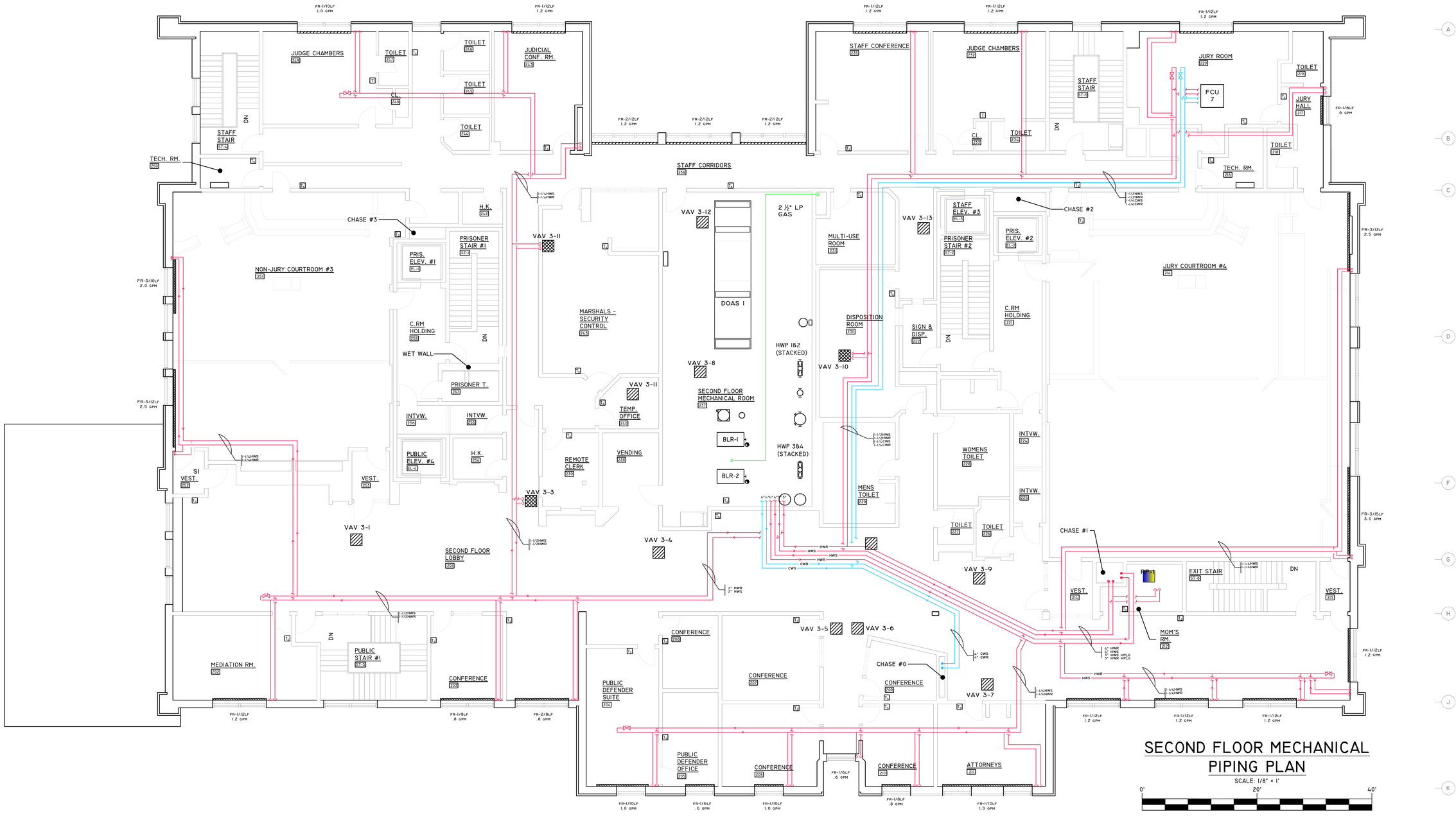
M4.2

SHEET TITLE: FIRST FLOOR MECHANICAL PIPING

DATE: MAY 01, 2026

PROJECT#2501:15

For: PROJECT BIDDING




# SECOND FLOOR MECHANICAL PIPING PLAN

SCALE: 1/8" = 1'

0' 20' 40'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No. 5372
LICENSED
PROFESSIONAL ENGINEER

HANCOCK JUDICIAL CENTER
45 MERRILL LANE
ELLSWORTH, MAINE

Construction Project

| REV | DATE | DESCRIPTION |
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SCALE: 1/8" = 1'

0' 12'

M4.3

SHEET TITLE: SECOND FLOOR MECHANICAL PIPING

DATE: MAY 01, 2026

PROJECT#2501.15

For: PROJECT BIDDING

# GROUND FLOOR MECHANICAL REFRIGERATION PIPING PLAN

SCALE: 1/8" = 1'

0' 20' 40'

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HANCOCK JUDICIAL CENTER
45 MERRILL LANE
ELLSWORTH, MAINE

Construction Project

| REV | DATE | DESCRIPTION |
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SCALE: 1/8" = 1'
0' 12'

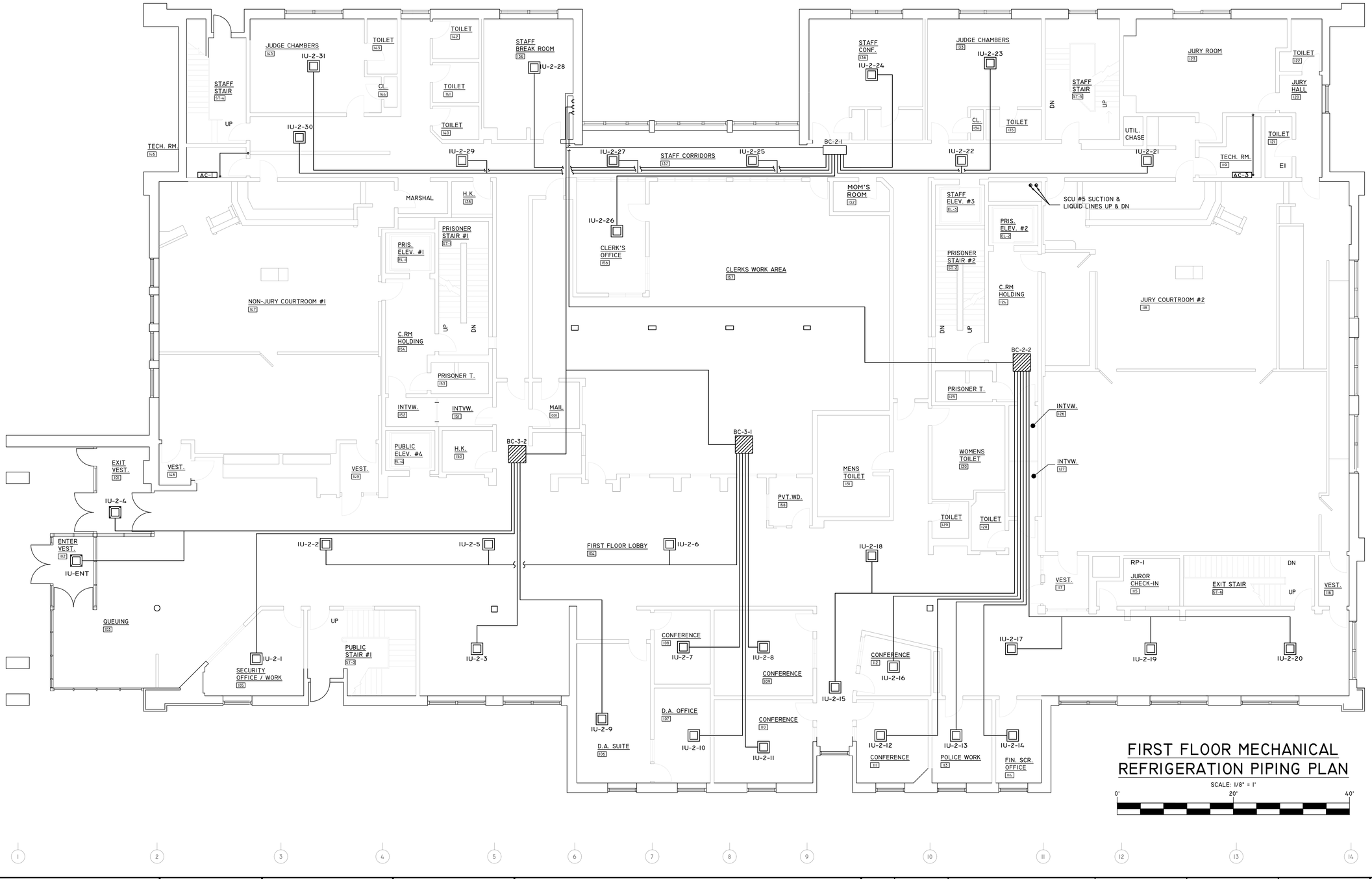
M5.1

SHEET TITLE: REFRIGERATION PIPING GROUND FLOOR

DATE: MAY 01, 2026

PROJECT#2501.15

For: PROJECT BIDDING




# FIRST FLOOR MECHANICAL REFRIGERATION PIPING PLAN

SCALE: 1/8" = 1'

0' 20' 40'

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HANCOCK JUDICIAL CENTER
45 MERRILL LANE
ELLSWORTH, MAINE

Construction Project

| REV | DATE | DESCRIPTION |
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SCALE: 1/8" = 1'
0' 12'

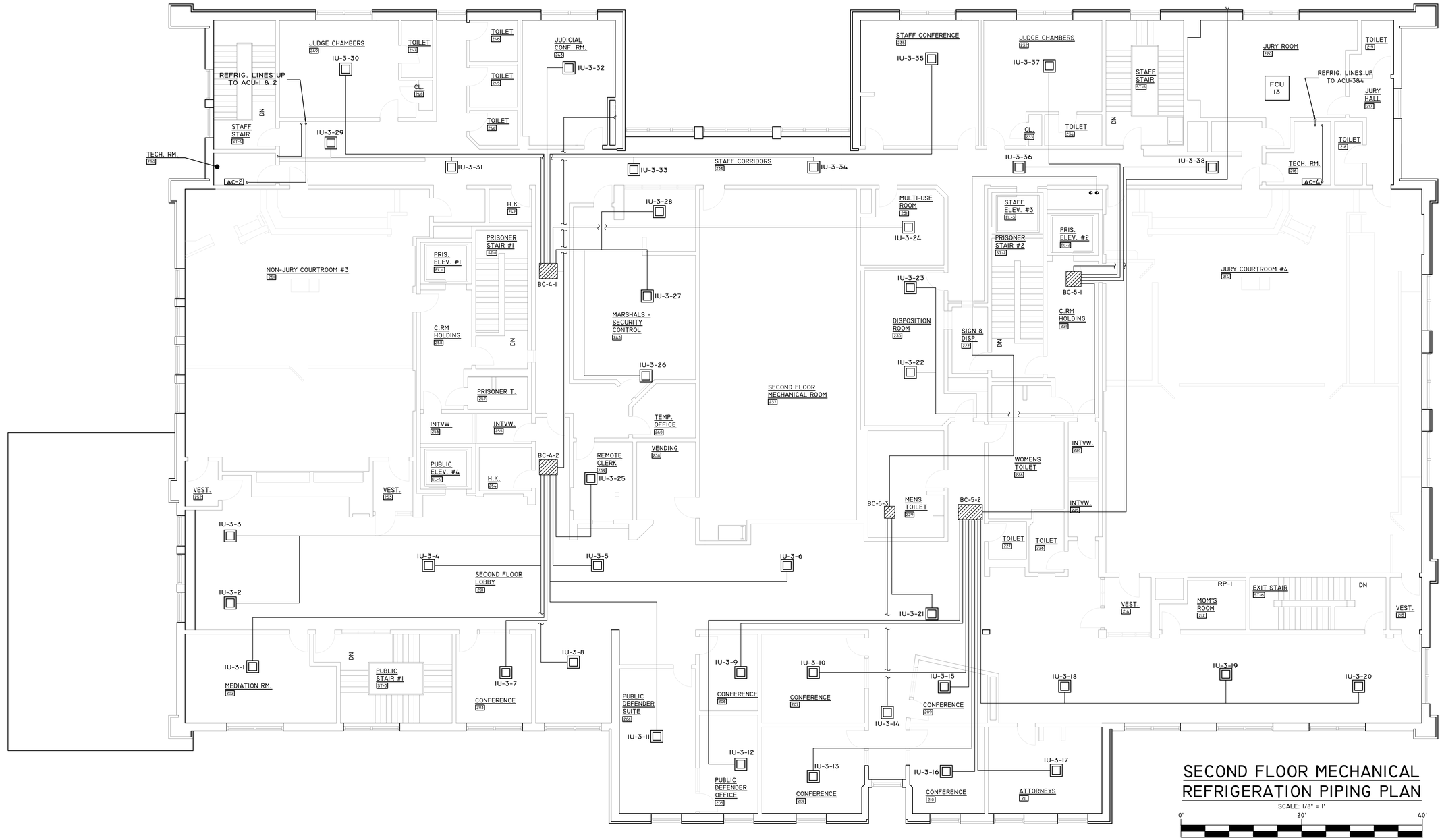
M5.2

SHEET TITLE: REFRIGERATION PIPING FIRST FLOOR

DATE: MAY 01, 2026

PROJECT#2501.15

For: PROJECT BIDDING




# SECOND FLOOR MECHANICAL REFRIGERATION PIPING PLAN

SCALE: 1/8" = 1'

0' 20' 40'

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No. 5372
LICENSED
PROFESSIONAL ENGINEER

HANCOCK JUDICIAL CENTER
45 MERRILL LANE
ELLSWORTH, MAINE

Construction Project

| REV | DATE | DESCRIPTION |
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SCALE: 1/8" = 1'
0' 12'

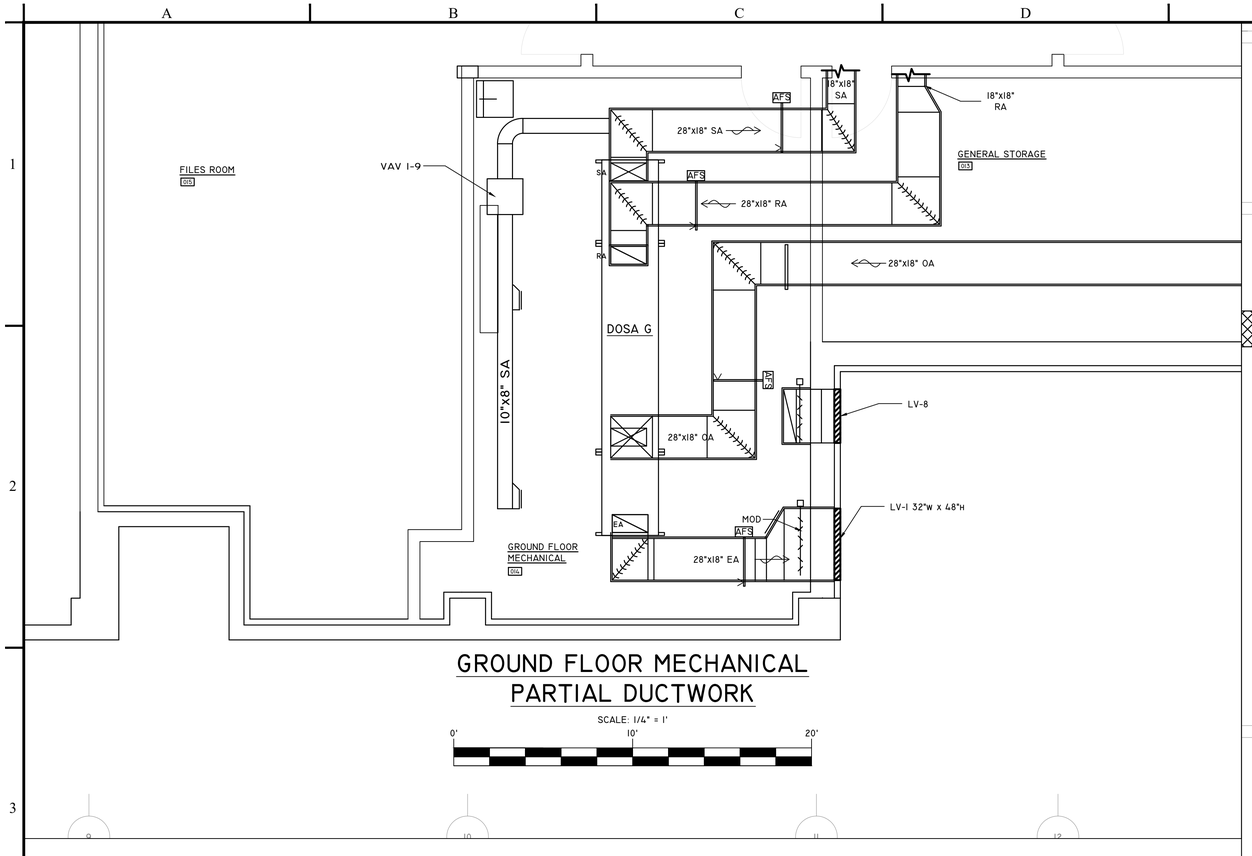
M5.3

SHEET TITLE: REFRIGERATION PIPING SECOND FLOOR

DATE: MAY 01, 2026

PROJECT#2501.15

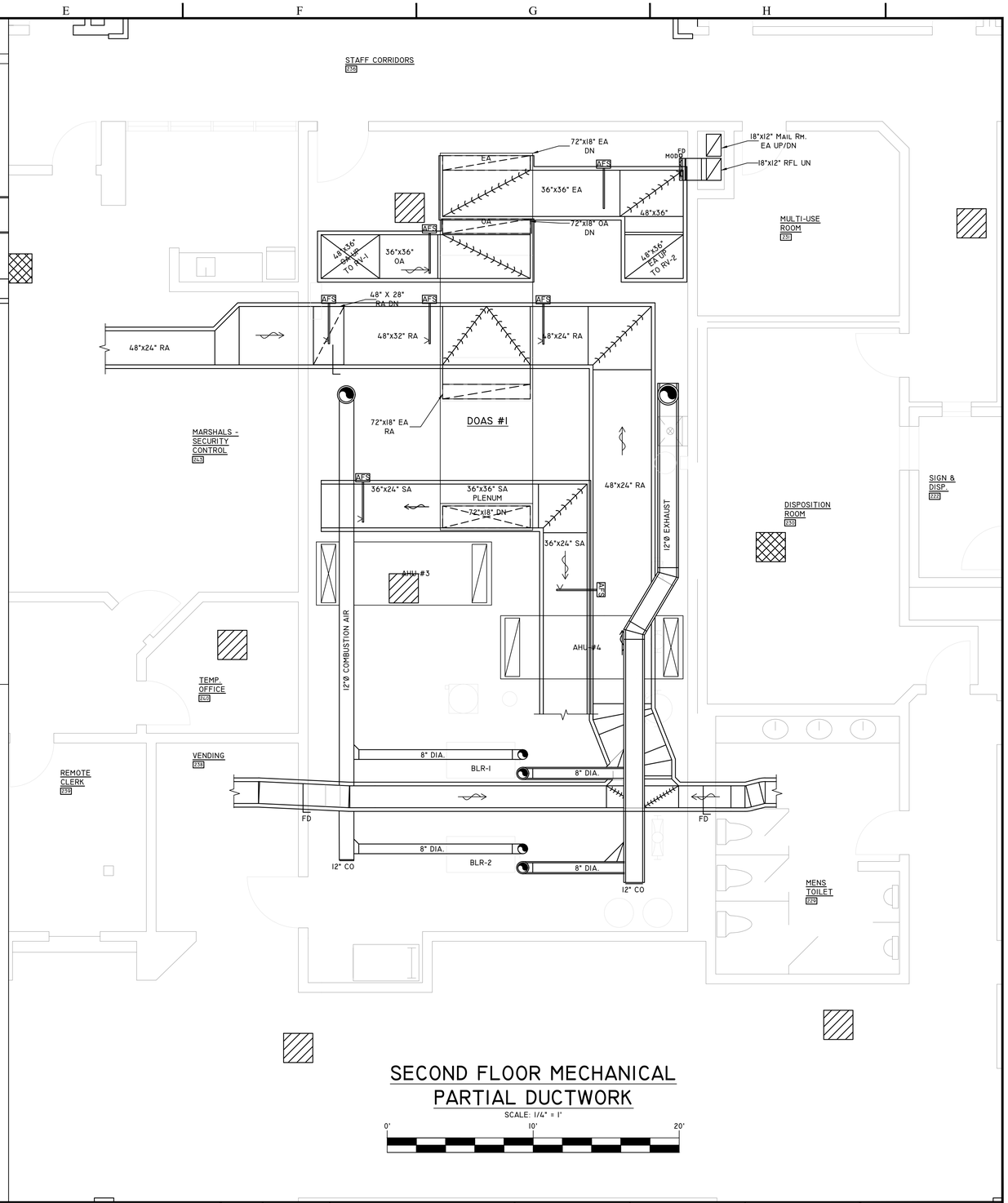
For: PROJECT BIDDING




## GROUND FLOOR MECHANICAL PARTIAL DUCTWORK

SCALE: 1/4" = 1'

0' 10' 20'




## SECOND FLOOR MECHANICAL PARTIAL DUCTWORK

SCALE: 1/4" = 1'

0' 10' 20'

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STATE OF MAINE * JEFFREY M. ARMSTRONG No. 5372 * LICENSED PROFESSIONAL ENGINEER

HANCOCK JUDICIAL CENTER
45 MERRILL LANE
ELLSWORTH, MAINE

Construction Project

| REV | DATE | DESCRIPTION |
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SCALE: 1/4" = 1'

0' 12'

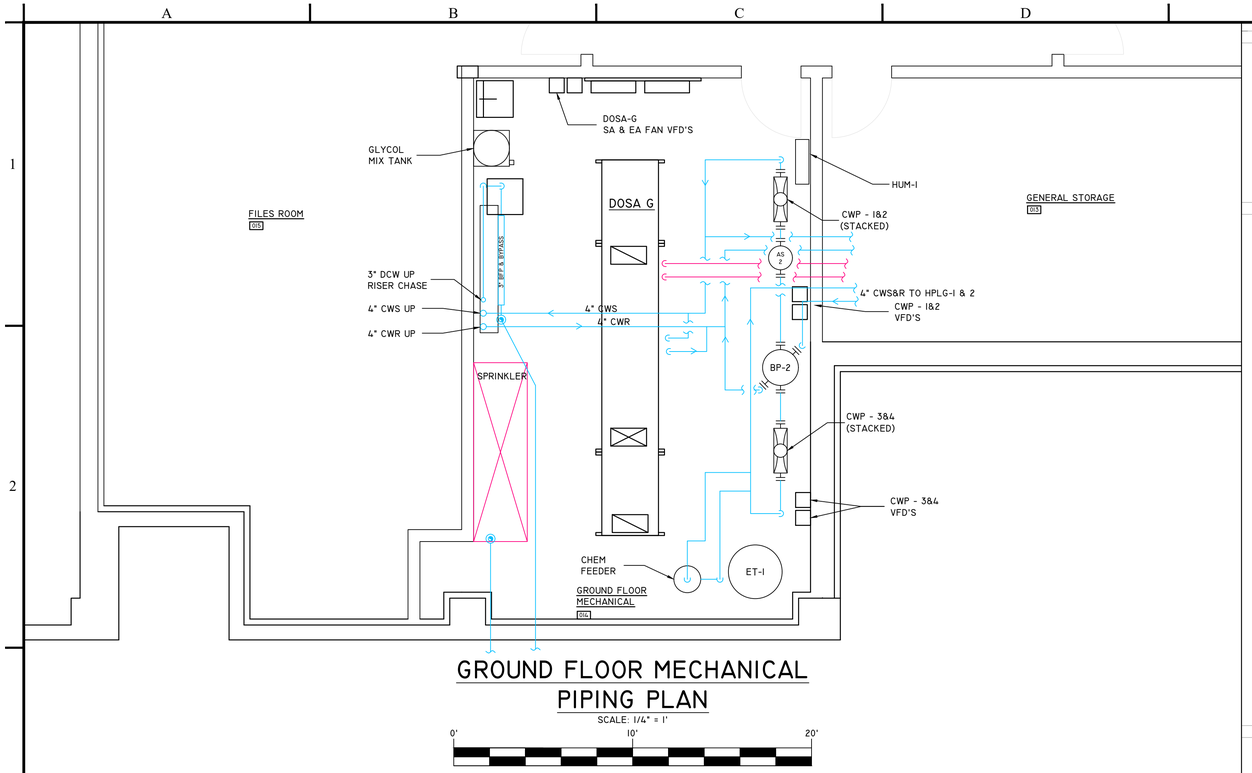
M6.1

SHEET TITLE: HVAC DUCTWORK PARTIAL PLANS

DATE: MAY 01, 2026

PROJECT#2501.15

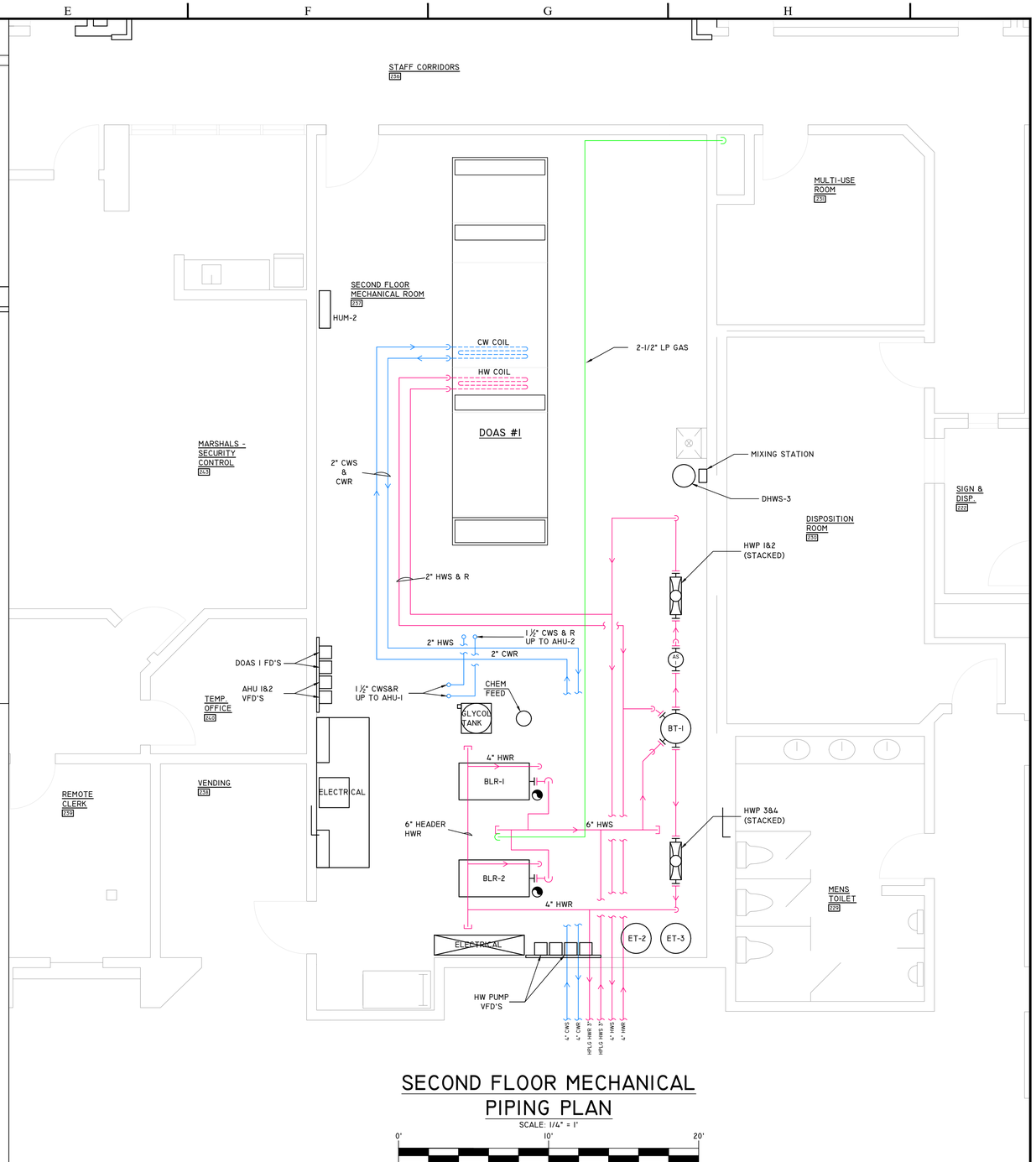
For: PROJECT BIDDING




# GROUND FLOOR MECHANICAL PIPING PLAN

SCALE: 1/4" = 1'

0' 10' 20'




# SECOND FLOOR MECHANICAL PIPING PLAN

SCALE: 1/4" = 1'

0' 10' 20'

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STATE OF MAINE
JEFFREY M. ARMSTRONG
No. 5372
LICENSED
PROFESSIONAL ENGINEER

HANCOCK JUDICIAL CENTER
45 MERRILL LANE
ELLSWORTH, MAINE

Construction Project

| REV | DATE | DESCRIPTION |
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SCALE: 1/4" = 1'

0' 12'

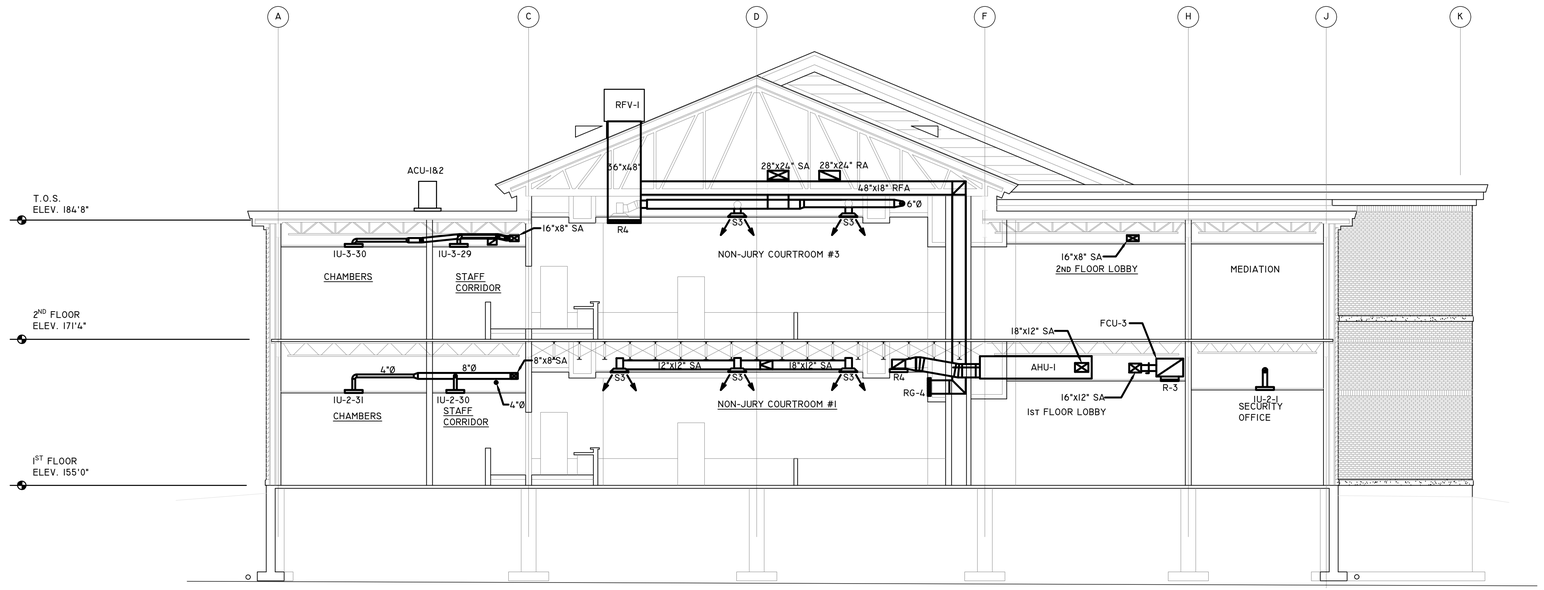
M6.2

SHEET TITLE:
MECHANICAL
PIPING
PARTIAL PLAN

DATE: MAY 01, 2026

PROJECT#2501.15

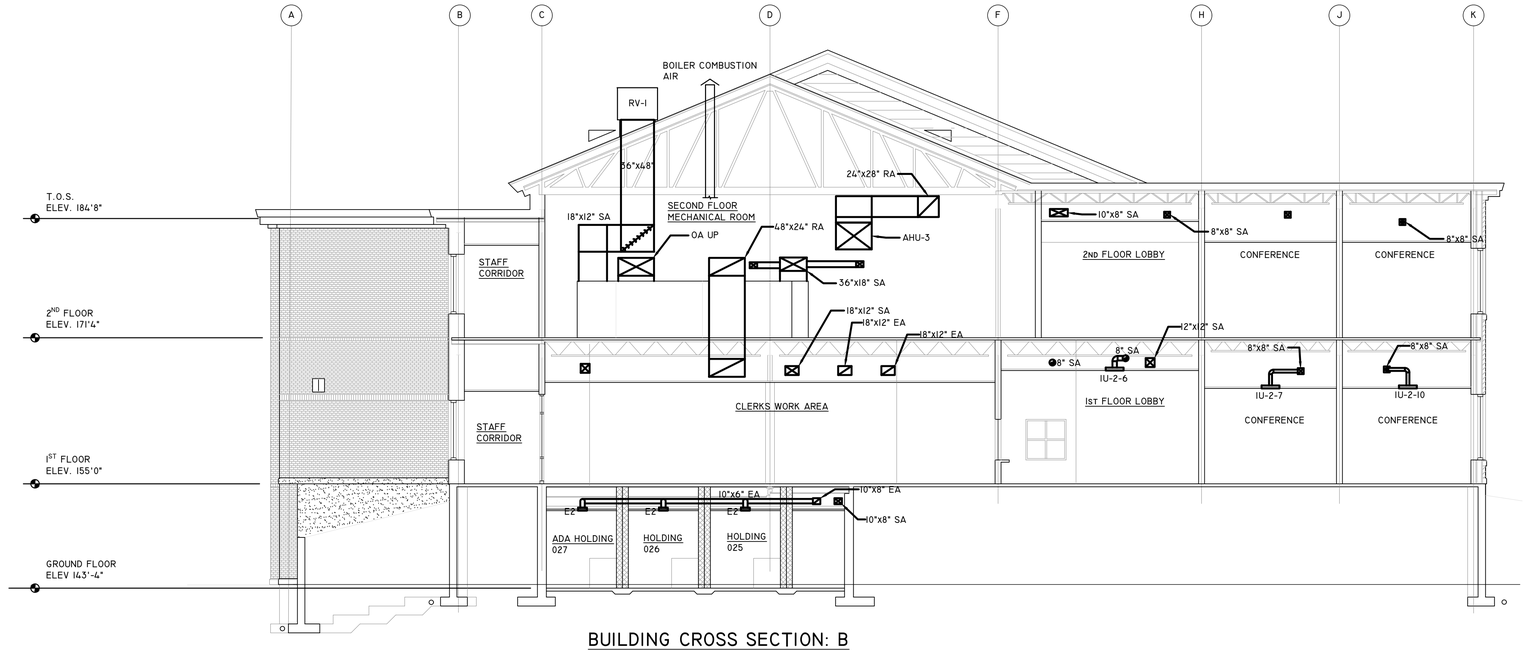
For: PROJECT BIDDING




## BUILDING CROSS SECTION: A

SCALE 1/8" - 1'-0"

GENERAL NOTES: SECTION VIEWS ARE DIAGRAMMATIC AND NOT ALL PIPING AND DUCTWORK OFFSETS, CHANGE IN ELEVSATIONS AND OR DIRECTIONS ARE SHOWN. REFER TO MECHANICAL PLANS FOR ALL SIZE AND LOCATION INFORMATION. FIRST FLOOR CEILING CAVITY SPACE IS SOME WHAT LIMITED IN AREAS. AHU-1 & 2 MUST BE SUPPORTED FROM THE TOP OF THE SECTIONAL UNIT DUE TO LIMITED CAVITY SPACE AND WILL REQUIRE PUMPED CONDENSATE.




## BUILDING CROSS SECTION: B

SCALE 1/8" - 1'-0"

GENERAL NOTES: SECTION VIEWS ARE DIAGRAMMATIC AND NOT ALL PIPING AND DUCTWORK OFFSETS, CHANGE IN ELEVSATIONS AND OR DIRECTIONS ARE SHOWN. REFER TO MECHANICAL PLANS FOR ALL SIZE AND LOCATION INFORMATION. FIRST FLOOR CEILING CAVITY SPACE IS SOME WHAT LIMITED IN AREAS. AHU-1 & 2 MUST BE SUPPORTED FROM THE TOP OF THE SECTIONAL UNIT DUE TO LIMITED CAVITY SPACE AND WILL REQUIRE PUMPED CONDENSATE.

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STATE OF MAINE
JEFFREY M. ARMSTRONG
No. 5372
LICENSED
PROFESSIONAL ENGINEER

# HANCOCK JUDICIAL CENTER

45 MERRILL LANE
ELLSWORTH, MAINE

Construction Project

| REV | DATE | DESCRIPTION |
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SCALE: 1/8" = 1'

0' 12'

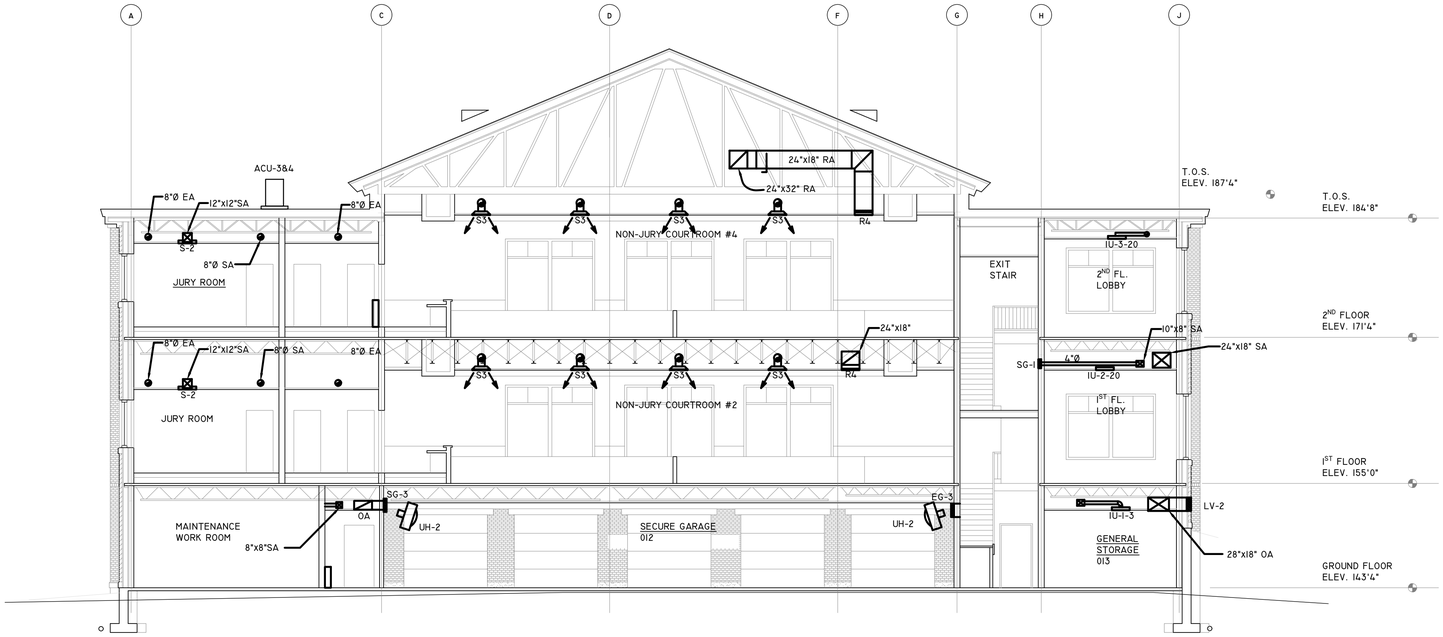
M6.3

SHEET TITLE:
HVAC
BUILDING
SECTION

DATE: MAY 01, 2026

PROJECT#2501:15

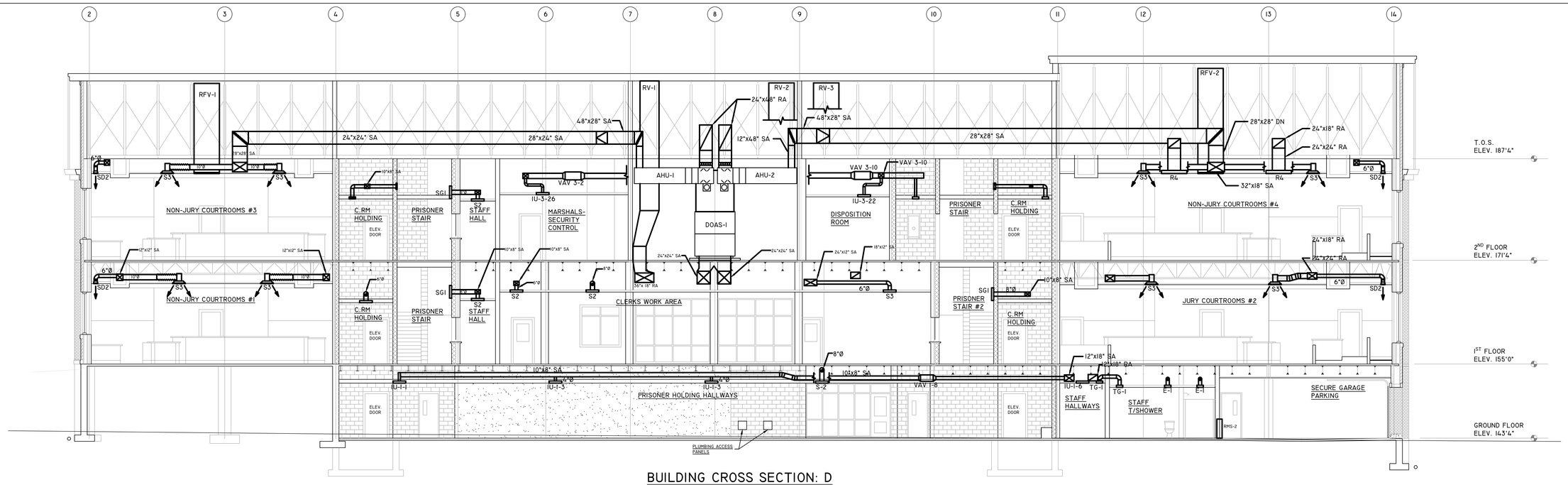
For: PROJECT BIDDING




## BUILDING CROSS SECTION: C

SCALE 1/8" - 1'-0"

GENERAL NOTES: SECTION VIEWS ARE DIAGRAMMATIC AND NOT ALL PIPING AND DUCTWORK OFFSETS, CHANGE IN ELEVSATIONS AND OR DIRECTIONS ARE SHOWN. REFER TO MECHANICAL PLANS FOR ALL SIZE AND LOCATION INFORMATION. FIRST FLOOR CEILING CAVITY SPACE IS SOME WHAT LIMITED IN AREAS. AHU-1 & 2 MUST BE SUPPORTED FROM THE TOP OF THE SECTIONAL UNIT DUE TO LIMITED CAVITY SPACE AND WILL REQUIRE PUMPED CONDENSATE.




## BUILDING CROSS SECTION: D

SCALE 1/8" - 1'-0"

Armstrong Engineering
Mechanical / Electrical Design Consultants
94 Presque Isle Street, Fort Fairfield, Maine 04742
Phone: (207) 473-7117 Fax: (207) 476-5621

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- ☐ RECORD DRAWINGS

STATE OF MAINE · JEFFREY M. ARMSTRONG No. 5372 · LICENSED PROFESSIONAL ENGINEER

# HANCOCK JUDICIAL CENTER

45 MERRILL LANE
ELLSWORTH, MAINE

Construction Project

| REV | DATE | DESCRIPTION |
|---|---|---|
| | | |
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SCALE: 1/8" = 1'
0' 12'

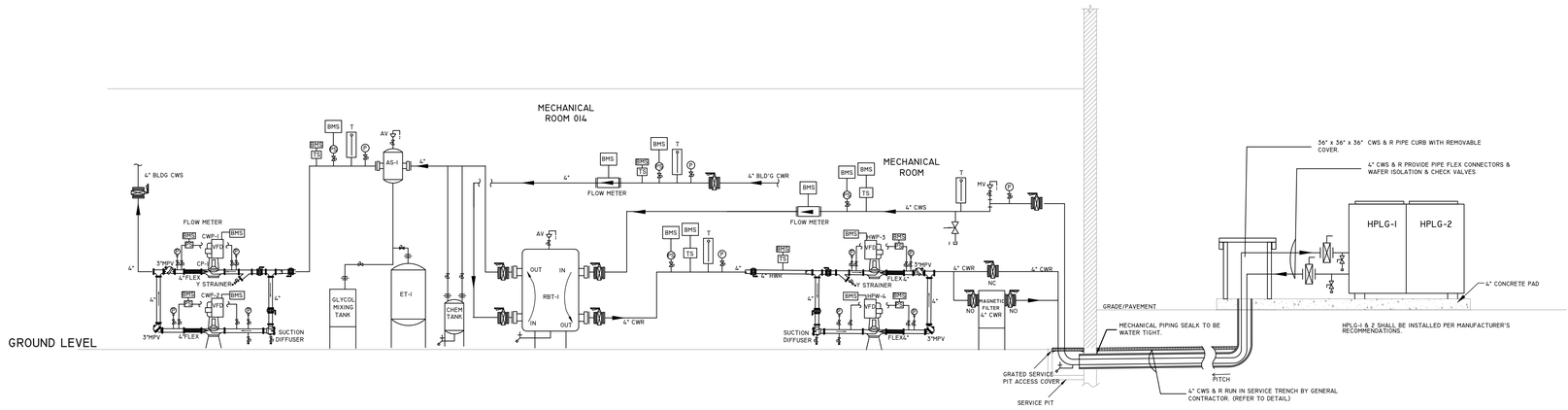
M6.4

SHEET TITLE: HVAC BUILDING SECTION

DATE: MAY 01, 2026

PROJECT#2501:15

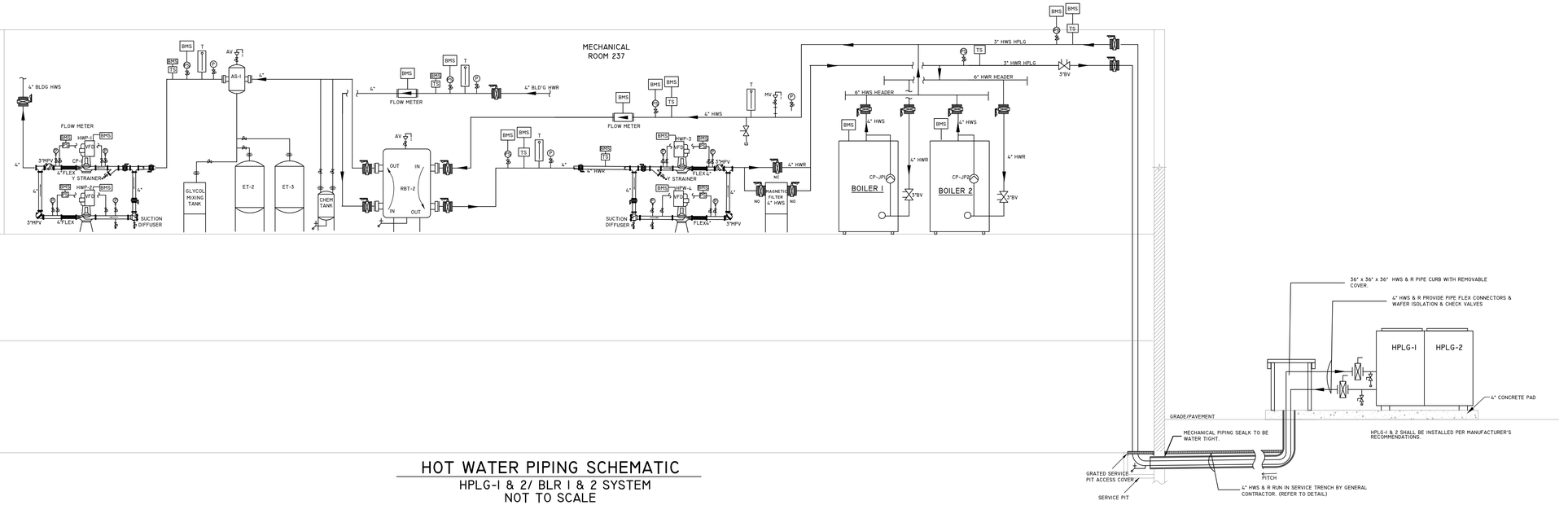
For: PROJECT BIDDING




## CHILLED WATER PIPING SCHEMATIC

HPLG-1 & 2 SYSTEM
NOT TO SCALE

35% GLYCOL SOLUTION




## HOT WATER PIPING SCHEMATIC

HPLG-1 & 2/ BLR 1 & 2 SYSTEM
NOT TO SCALE

35% GLYCOL SOLUTION

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JEFFREY M. ARMSTRONG No. 5372 LICENSED PROFESSIONAL ENGINEER STATE OF MAINE

HANCOCK JUDICIAL CENTER
45 MERRILL LANE
ELLSWORTH, MAINE

Construction Project

| REV | DATE | DESCRIPTION |
|---|---|---|
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SCALE: NTS
0' 16'

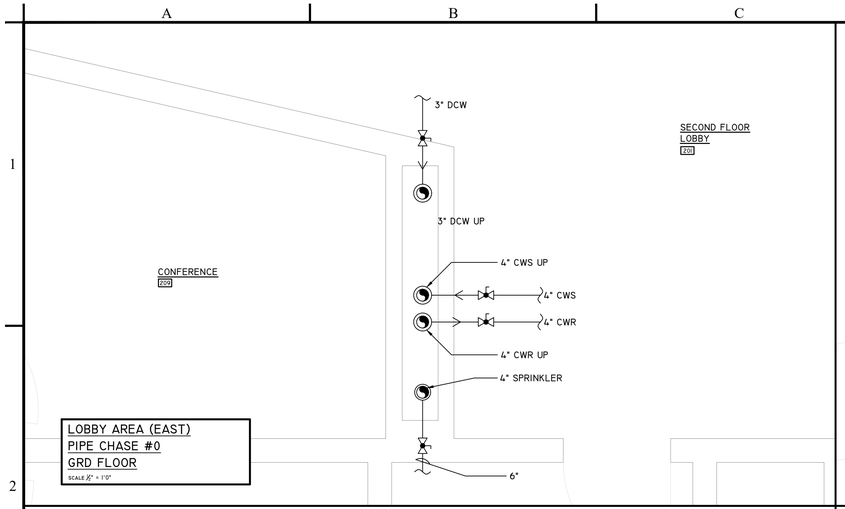
M7.1

SHEET TITLE: MECHANICAL PIPING RISER DIAGRAMS

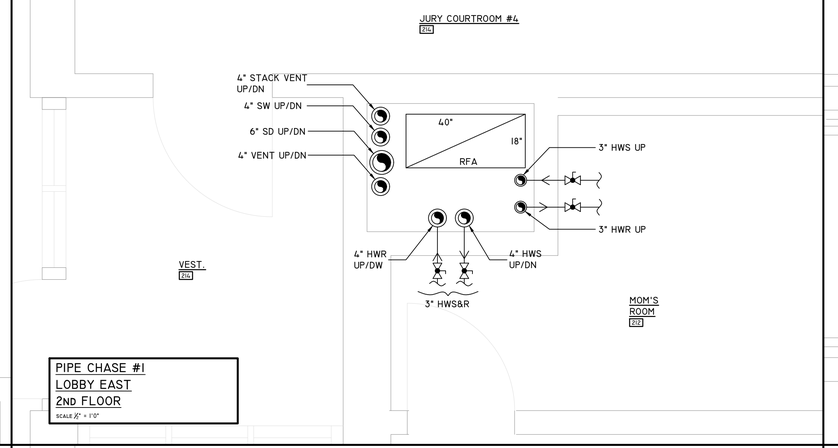
DATE: MAY 01, 2026

PROJECT#2501:15

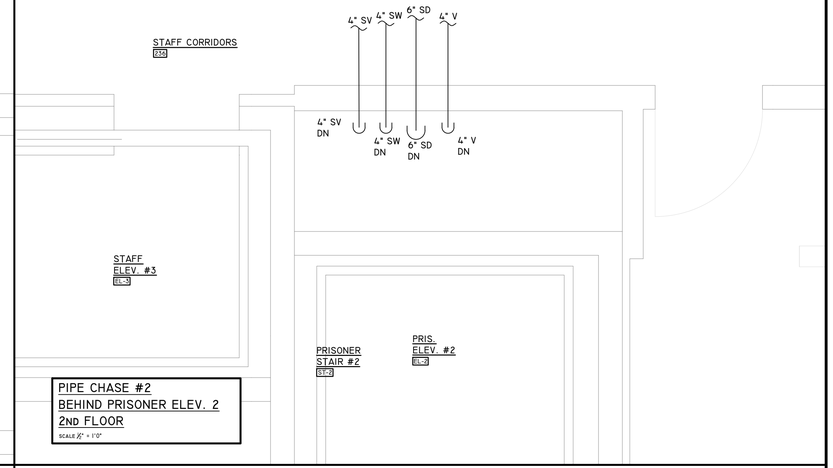
For: PROJECT BIDDING



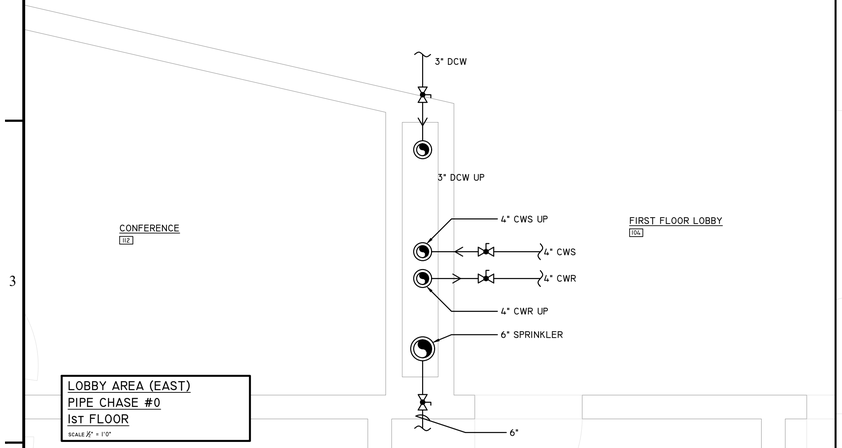

LOBBY AREA (EAST)
PIPE CHASE #0
GRD FLOOR
SCALE 1/2" = 1'0"



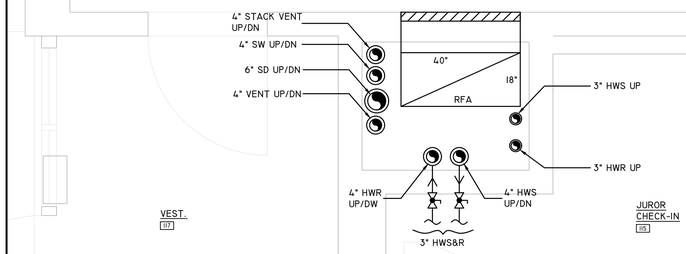

PIPE CHASE #1
LOBBY EAST
2ND FLOOR
SCALE 1/2" = 1'0"



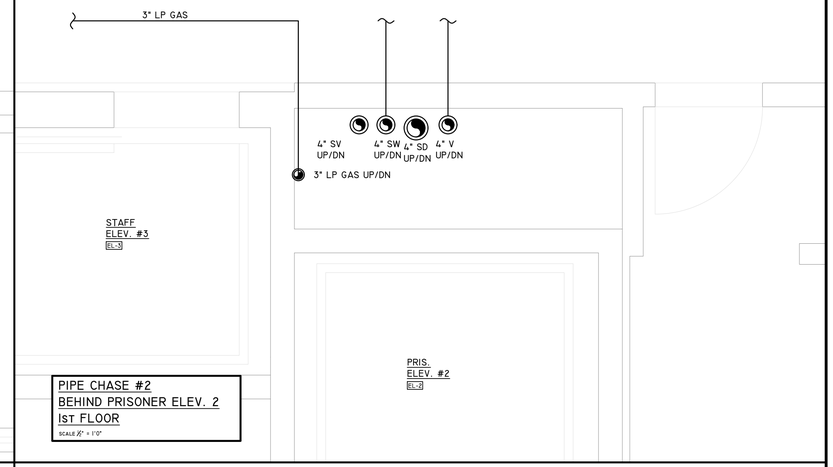

PIPE CHASE #2
BEHIND PRISONER ELEV. 2
2ND FLOOR
SCALE 1/2" = 1'0"



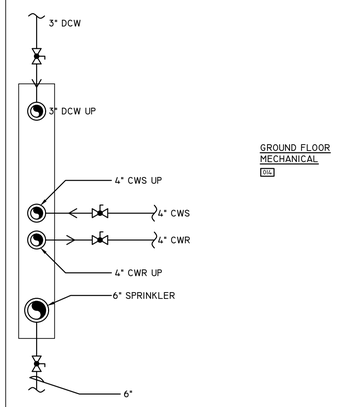

LOBBY AREA (EAST)
PIPE CHASE #0
1ST FLOOR
SCALE 1/2" = 1'0"



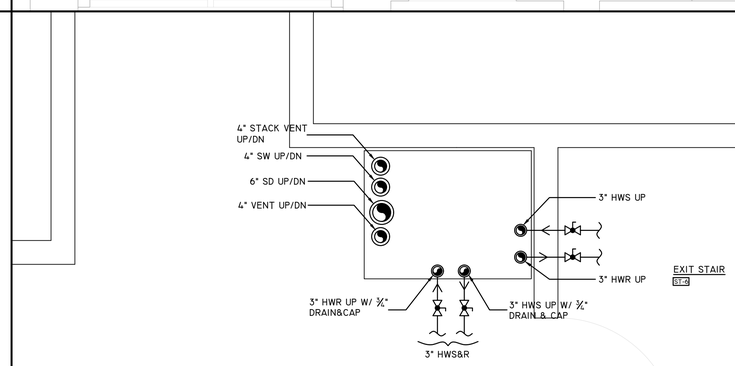

PIPE CHASE #1
LOBBY EAST
1ST FLOOR
SCALE 1/2" = 1'0"



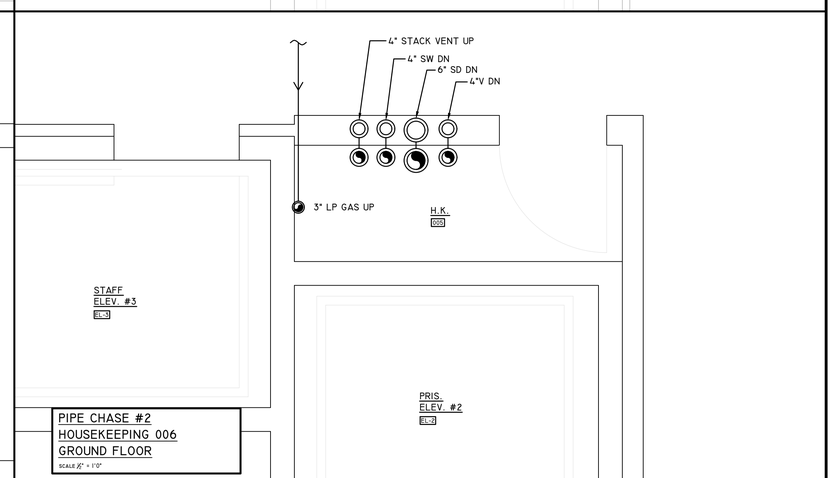

PIPE CHASE #2
BEHIND PRISONER ELEV. 2
1ST FLOOR
SCALE 1/2" = 1'0"




MECHANICAL RM 014
PIPE CHASE #0
GROUND FLOOR
SCALE 1/2" = 1'0"




PIPE CHASE #1
NEAR MECH ROOM 014
GROUND FLOOR
SCALE 1/2" = 1'0"




PIPE CHASE #2
HOUSEKEEPING 006
GROUND FLOOR
SCALE 1/2" = 1'0"

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STATE OF MAINE
JEFFREY M. ARMSTRONG
No. 5372
LICENSED
PROFESSIONAL ENGINEER

# HANCOCK JUDICIAL CENTER

45 MERRILL LANE
ELLSWORTH, MAINE

Construction Project

| REV | DATE | DESCRIPTION |
|---|---|---|
| | | |
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SCALE: 1/2" = 1'
0' 3'

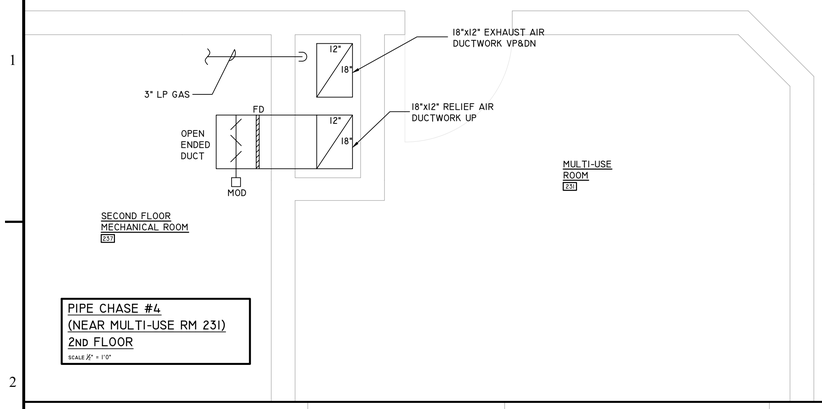
M7.2

SHEET TITLE:
CHASE WAY 0-2 SECTIONS

DATE: MAY 01, 2026

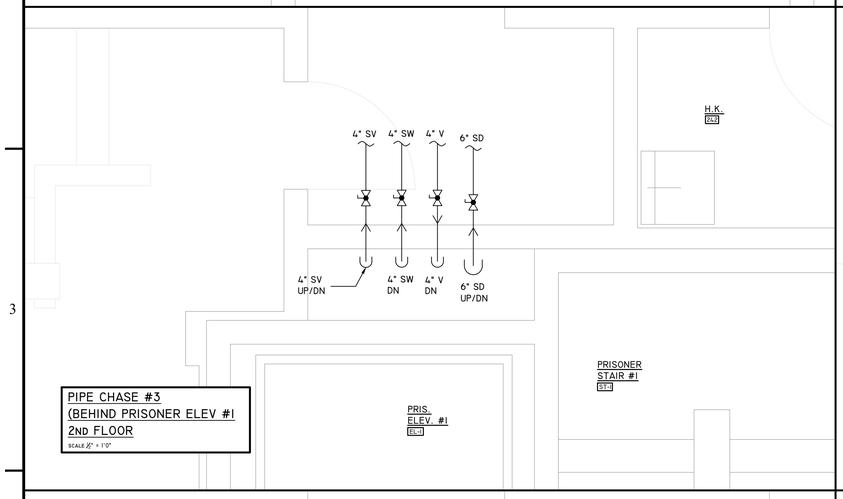
PROJECT#250I:I5

For: PROJECT BIDDING



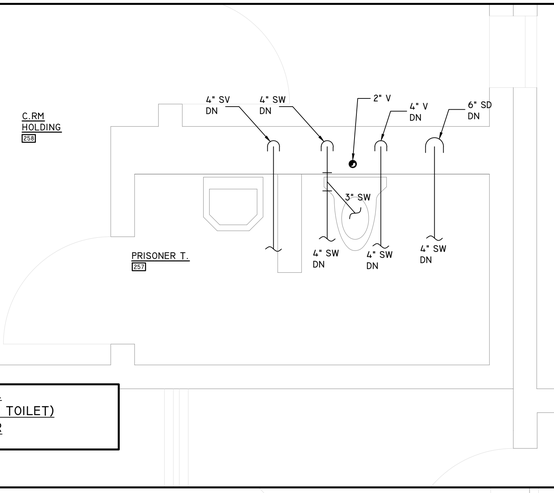

PIPE CHASE #4
(NEAR MULTI-USE RM 231)
2ND FLOOR

SCALE: 1/2" = 1'0"



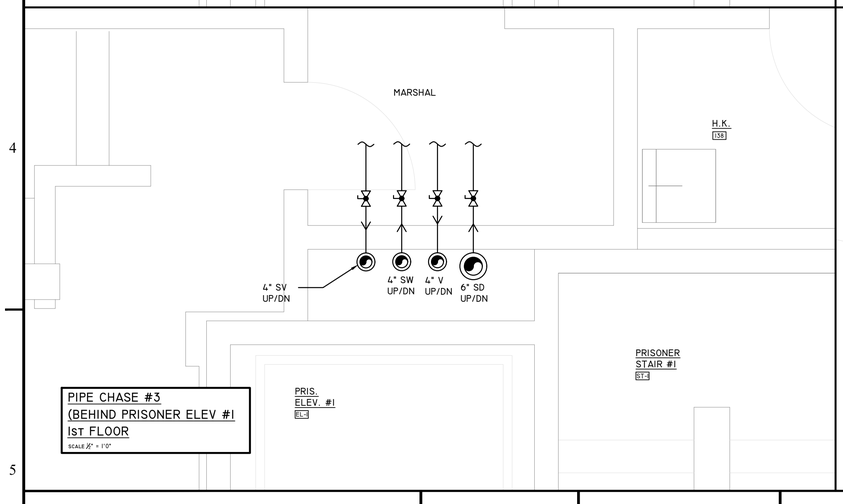

PIPE CHASE #3
(BEHIND PRISONER ELEV #1
2ND FLOOR

SCALE: 1/2" = 1'0"



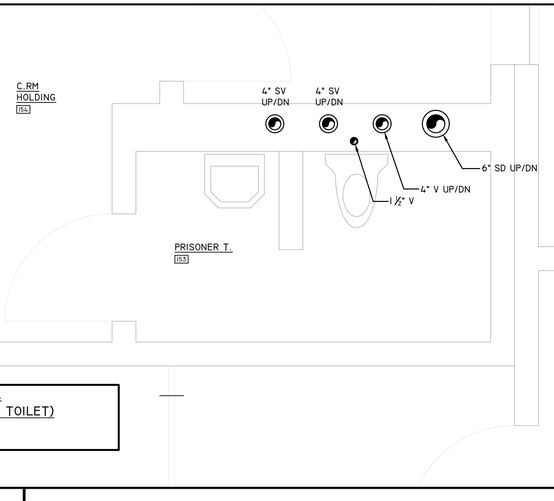

WET WALL
(PRISONER TOILET)
2ND FLOOR

SCALE: 1/2" = 1'0"




PIPE CHASE #3
(BEHIND PRISONER ELEV #1
1ST FLOOR

SCALE: 1/2" = 1'0"




WET WALL
(PRISONER TOILET)
1ST FLOOR

SCALE: 1/2" = 1'0"

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JEFFREY M. ARMSTRONG
No. 5372
LICENSED
PROFESSIONAL ENGINEER

# HANCOCK JUDICIAL CENTER

45 MERRILL LANE
ELLSWORTH, MAINE

## Construction Project

| REV | DATE | DESCRIPTION |
|---|---|---|
| | | |
| | | |
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| | | |

SCALE: 1/2" = 1'

0' 3'

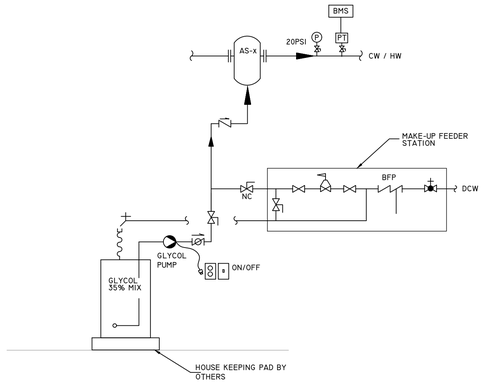
M7.3

SHEET TITLE:
CHASE WAY
3 & WETWALL
SECTIONS

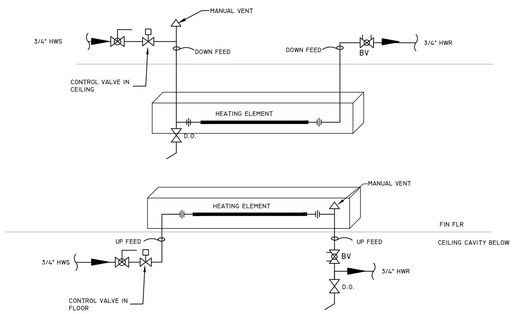
DATE: MAY 01, 2026

PROJECT#2501:15

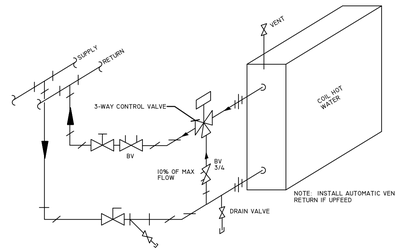
For: PROJECT BIDDING



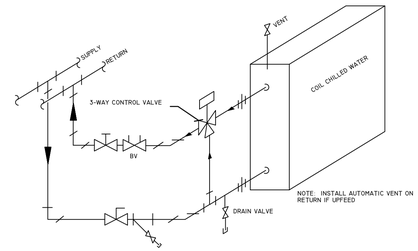

MECHANICAL ROOM 014 & 237 GLYCOL MIXING STATION PUMP/PIPING SCHEMATIC
NOT TO SCALE (TYP FOR BOTH HW. & CW. SYSTEMS)



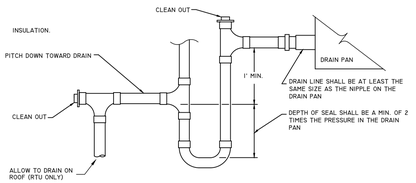

TYPICAL FIN RADIATION PIPING DETAIL
NOT TO SCALE



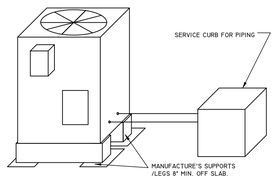

HOT WATER (H.W.) COIL PIPING DETAIL
NOT TO SCALE (TYP FOR BOTH H.W & GLYCOL SYSTEMS)



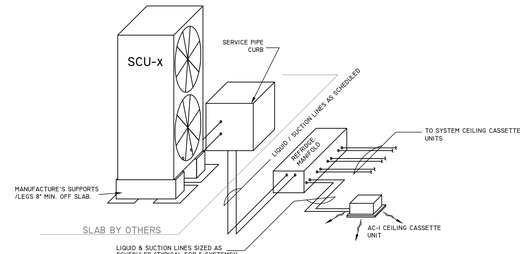

CHILLED WATER (C.W.) COIL PIPING DETAIL
NOT TO SCALE



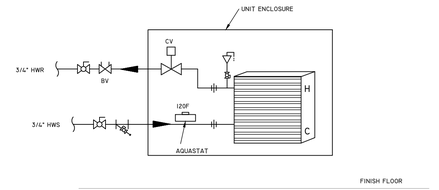

TYPICAL AHU / DOAS / FCU DRAIN TRAP DETAIL
NOT TO SCALE



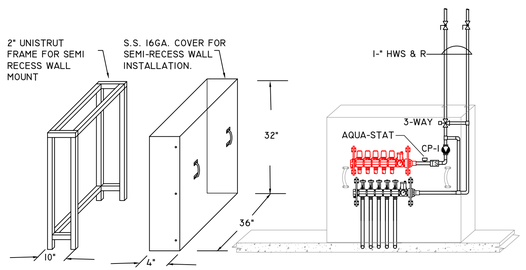

ACU-IT CONDENSER & PIPE CURB DETAIL
NOT TO SCALE



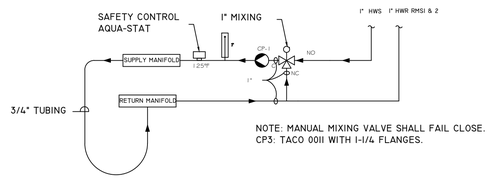

OUTDOOR CONDENSER VRF UNITS & PIPE CURB & MANIFOLD DETAIL
NOT TO SCALE




TYPICAL CABINET UNIT HEATER (CUH) PIPING DETAIL
NOT TO SCALE

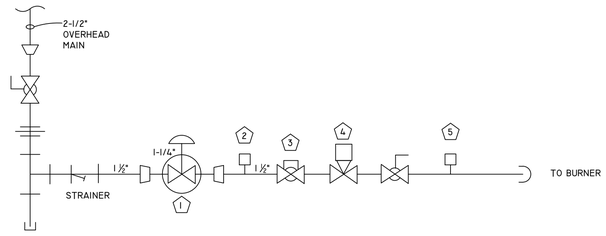



TYPICAL RADIANT MANIFOLD STATION DETAIL (RMS)
NOT TO SCALE




NOTE: MANUAL MIXING VALVE SHALL FAIL CLOSE.
CP3: TACO 0011 WITH 1-1/4 FLANGES.

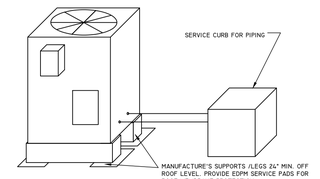
RADIANT PANEL CONTROL PIPING SCHEMATIC
NOT TO SCALE




LP GAS TRAIN
PIPING DETAIL (TYPICAL)

N.T.S.

1. GAS REGULATOR WITHOUT VENT
2. GAS PRESSURE PROOF SWITCHES.
3. AUTO GAS VALVE BY MANUFACTURER.
4. MODULATING VALVE BY MANUFACTURER.
5. GAS PRESSURE PROOF SWITCH.




ACU-1, 2, 3, & 4 CONDENSER & PIPE ROOF CURB DETAIL
NOT TO SCALE

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HANCOCK JUDICIAL CENTER
45 MERRILL LANE
ELLSWORTH, MAINE

Construction Project

| REV | DATE | DESCRIPTION |
|---|---|---|
| | | |
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| | | |
| | | |

SCALE: 1/8" = 1'
0' 16'

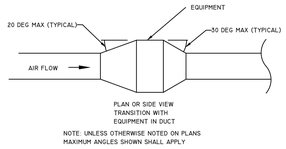
M8.1

SHEET TITLE: HVAC DETAILS

DATE: MAY 01, 2026

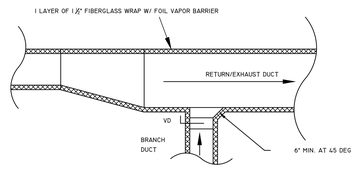
PROJECT#2501.15

For: PROJECT BIDDING



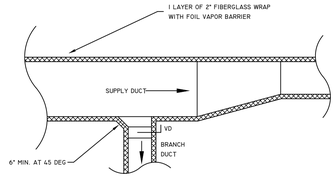

NOTE: UNLESS OTHERWISE NOTED ON PLANS
MAXIMUM ANGLES SHOWN SHALL APPLY

TYPICAL DUCTWORK TRANSITIONS DETAILS
NOT TO SCALE



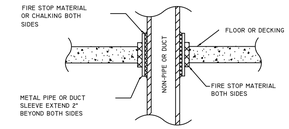

NOTE: EXHAUST DUCTWORK WITHIN 15' OF
LOUVER OR IN COLD ATTIC SPACES SHALL
HAVE 1 1/2" RIGID INSULATION.

TYPICAL AIR HANDLING RETURN/EXHAUST
DUCT DETAIL
NOT TO SCALE

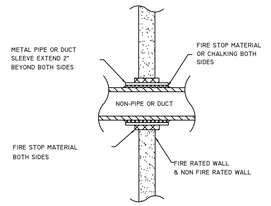



NOTE: DUCTWORK IN COLD ATTIC SPACES
SHALL HAVE 1 1/2" RIGID INSULATION

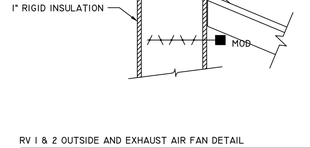
TYPICAL LOW PRESSURE SUPPLY BRANCH DUCT DETAIL
NOT TO SCALE



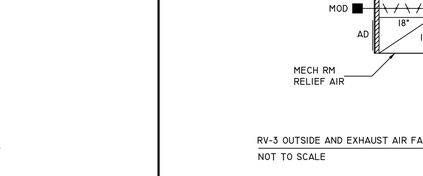

FLOOR OR DECK PENETRATION DETAIL
NOT TO SCALE




WALL PENETRATION DETAIL
NOT TO SCALE

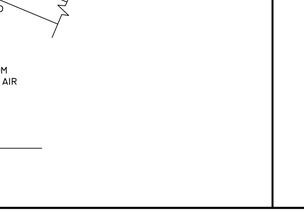



TYPICAL INLINE CIRCULATOR PUMP PIPING DETAIL
NOT TO SCALE

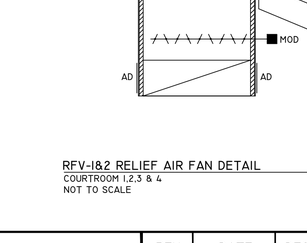



NOTE: THE MAXIMUM LENGTH OF
ALL FLEX DUCT SHALL BE 5'

LOW PRESSURE CEILING SUPPLY DIFFUSER DETAIL
NOT TO SCALE




LOW PRESSURE CEILING RETURN/EXHAUST GRILL DETAIL
NOT TO SCALE




TYPICAL LOUVER DETAIL
NOT TO SCALE

MAKE UP WATER PIPING SCHEMATIC
NOT TO SCALE




PVC VERTICAL PIPE
FLOOR OR DECK PENETRATION DETAIL
NOT TO SCALE




TYPICAL SLOT DIFFUSER DETAIL
NOT TO SCALE




TYPICAL SOFFIT SLOT DIFFUSER DETAIL
NOT TO SCALE




VARIABLE-AIR-VOLUME BOX DETAIL
NOT TO SCALE




ELECTRIC STEAM HUMIDIFIER PIPING DETAIL
NOT TO SCALE




NOTE: INSTALL AUTOMATIC VENT ON U.H. RETURN IF UPFEED

HORIZONTAL UNIT HEATER DETAIL
NOT TO SCALE




RV 1 & 2 OUTSIDE AND EXHAUST AIR FAN DETAIL
DOAS 1
NOT TO SCALE




RV-3 OUTSIDE AND EXHAUST AIR FAN DETAIL
NOT TO SCALE




RFV-1&2 RELIEF AIR FAN DETAIL
COURTROOM 1,2,3 & 4
NOT TO SCALE




AC-X CASSETTES PLAN VIEW DETAIL
NTS

Armstrong Engineering
Mechanical / Electrical Design Consultants
94 Presque Isle Street, Fort Fairfield, Maine 04742
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- ☐ RECORD DRAWINGS

STATE OF MAINE
JEFFREY M.
ARMSTRONG
No. 5372
LICENSED
PROFESSIONAL ENGINEER

# HANCOCK JUDICIAL CENTER
45 MERRILL LANE
ELLSWORTH, MAINE

## Construction Project

| REV | DATE | DESCRIPTION |
|---|---|---|
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SCALE: NTS

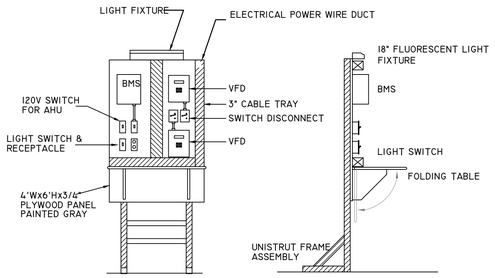
M8.2

SHEET TITLE:
HVAC
DETAILS

DATE: MAY 01, 2026

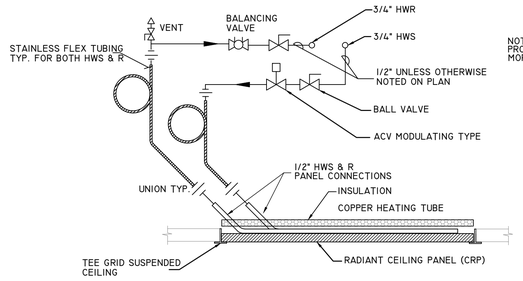
PROJECT#2501:15

For: PROJECT BIDDING




TYP ATC/VFD CONTROL STAND DETAIL

SCALE: N.T.S.

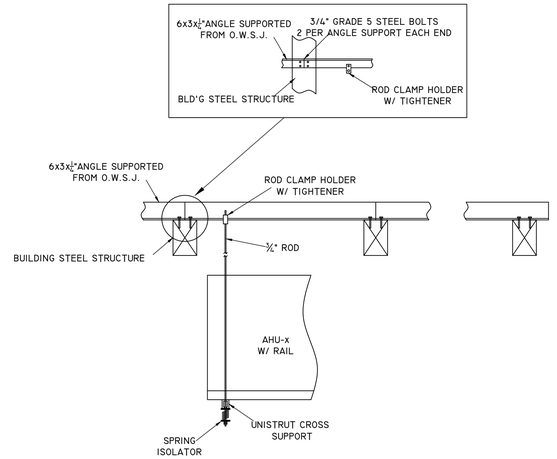



NOTE: PANELS THAT ARE MUNLLIONED MORE THAN 2 FT. PROVIDE S.S. BRADED FLEX PIPE CONNECTORS. RUNS MORE THAN 10 FT., PIPE SECTIONS IN PARALLEL.

FOR GYPSUM CEILING PROVIDE CRP MANUFACTURER'S FRAME OUTS. REFER TO ARCHITECTURAL REFLECTIVE CEILING PLAN.

TYPICAL CEILING RADIANT PANEL PIPING DETAIL

NOT TO SCALE

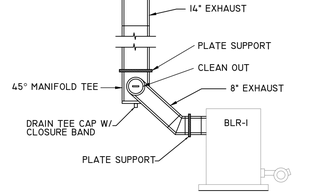



AHU-3 & 4 SUPPORT DETAIL

SCALE: N.T.S.

HEAT PUMP CW & HW AIR TO LIQUID GENERATOR PIPING DETAIL

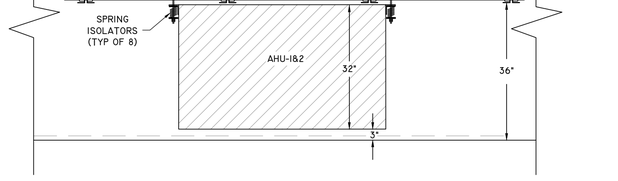
NOT TO SCALE



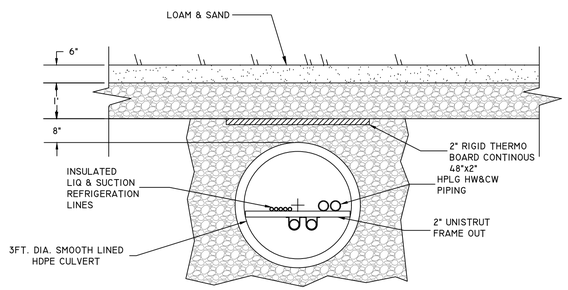

CENTRO-THERM FABRICATED CHIMNEY DETAIL

Not To Scale

CHIMNEY LAYOUT MAY DIFFER FROM ACTUAL INSTALLATION.




AHU-1 & 2 SUPPORT DETAIL




PIPING SERVICE CULVERT DETAIL TYPICAL

SCALE: N.T.S.

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Mechanical / Electrical Design Consultants
94 Presque Isle Street, Fort Fairfield, Maine 04742
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STATE OF MAINE · JEFFREY M. ARMSTRONG No. 5372 · LICENSED PROFESSIONAL ENGINEER

HANCOCK JUDICIAL CENTER
45 MERRILL LANE
ELLSWORTH, MAINE

Construction Project

| REV | DATE | DESCRIPTION |
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SCALE: 1/8" = 1'
0' 16'

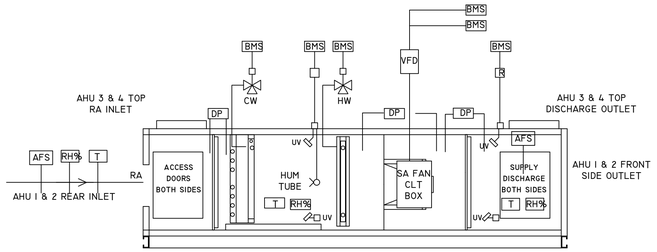
M8.3

SHEET TITLE: HVAC DETAILS

DATE: MAY 01, 2026

PROJECT#25011.15

For: PROJECT BIDDING

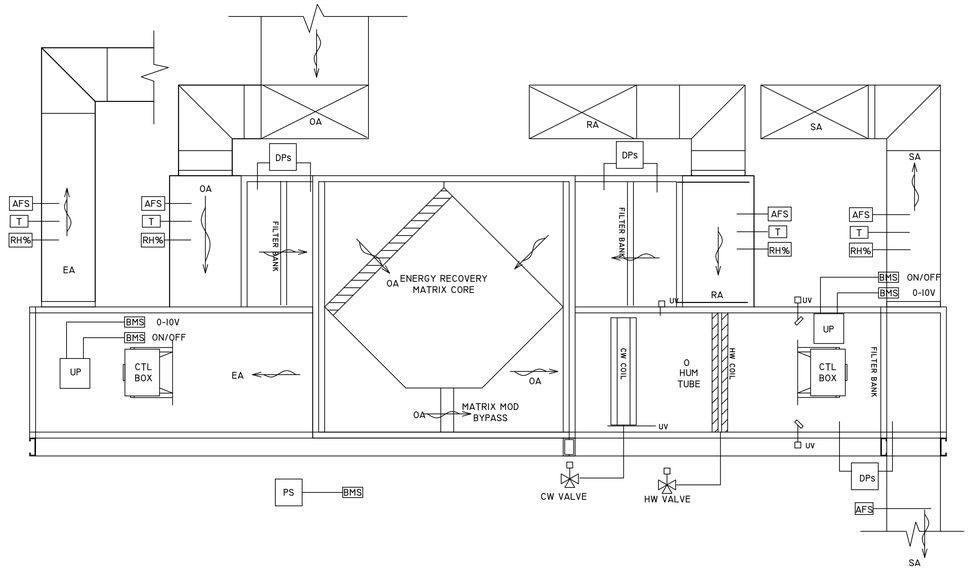



## AIR HANDLER UNIT ATC DEVICES

TYPICAL FOR AHU 1, 2, 3, & 4

SCALE: NOT TO SCALE

0' 5' 10'



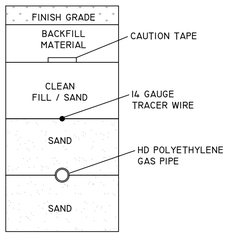

## DOAS-G & DOAS-I TYPICAL ATC DEVICES

NOT TO SCALE:

0' 5' 10'

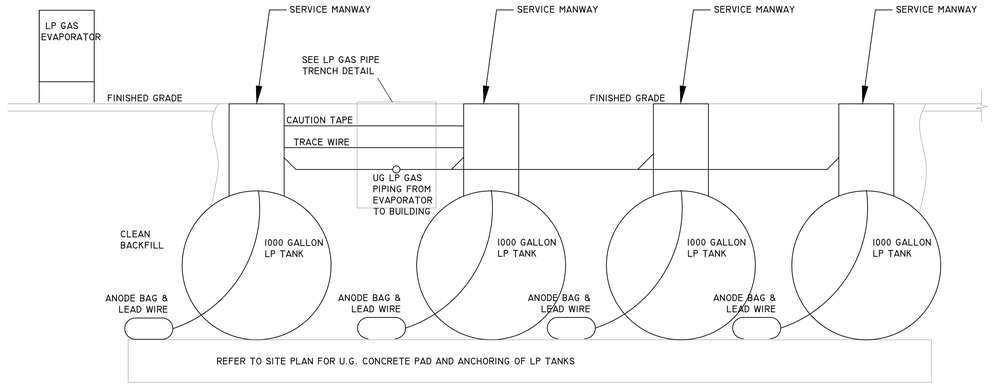
## LEGEND

| | |
|---|---|
| OA | OUTSIDE AIR |
| SA | SUPPLY AIR |
| RA | RETURN AIR |
| RH% | RELATIVE HUMIDITY |
| AFS | AIR FLOW SENSOR |
| UV | ULTRAVIOLET LAMP |
| SHT | STEAM HUMIDITY TUBE |
| T | TEMP SENSOR |
| DIC | DAIKIN INTEGRATION CONTROL |
| PS | PRESSURE SENSOR |
| VFD | VARIABLE FREQUENCY MOTOR DRIVER |
| | CW OR HW 3-WAY MIXING VALVE |
| BMS | BUILDING MANAGE SYSTEM |
| PS | PRESSURE SWITCH |
| UP | UNIT CONTROL/POWER PANEL |
| DPs | DIFFERERTIAL PRESSURE SENSOR |




## LP GAS PIPE TRENCH DETAIL

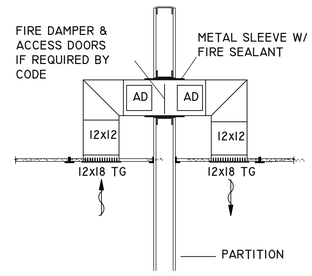
NOT TO SCALE




GENERAL NOTE: U.G. LP GAS TANKS & SYSTEM SHALL BE INSTALLED PER MANUFACTURES INSTALLATION GUIDELINES & LATEST GOVERNING CODES.

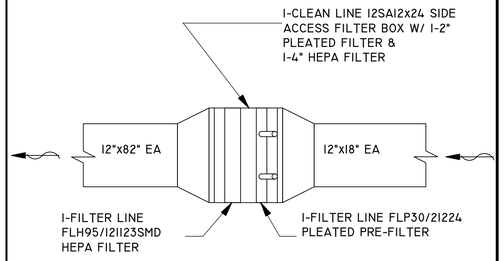
## U.G. LP TANKS DETAILS

NOT TO SCALE




## TRANSFER GRILL DETAIL

NOT TO SCALE




## FILTER BOX SECTION DETAIL

NOT TO SCALE

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SCALE: 1/8" = 1'

0' 16'

M8.4

SHEET TITLE:
HVAC
DETAILS

DATE: MAY 01, 2026

PROJECT#25011:15

For: PROJECT BIDDING

# LIGHTING PLAN LEGEND

## Light Fixtures

| | | |
|---|---|---|
| A | | 2' x 2' RECESSED TROFFER LIGHT FIXTURE |
| B | | 4' CEILING HUNG WRAP-LENSE FIXTURE W/ UP & DN LAMPS |
| C | | 4' CEILING HUNG GARAGE BAY FIXTURE W/ UP & DN LAMPS |
| D | | 1' x 4' RECESSED CONFINEMENT GRADE FIXTURE |
| E | | 1' x 4' SURFACE MOUNTED WRAP LIGHT FIXTURE |
| F | | SURFACE MOUNTED LIGHT FIXTURES |
| G | | SMALL PENDANT LIGHT FIXTURES |
| H | | LARGE PENDANT LIGHT FIXTURES |
| J | | CABLE-HUNG LINEAR DIRECT / INDIRECT LIGHT FIXTURES |
| RI | | RECESSED DOWNLIGHT |
| R2 | | WALL-WASHER RECESSED DOWNLIGHT |
| S | | SCONCE - WALL MOUNTED LIGHT FIXTURE |
| V | | VANITY - WALL MOUNTED LIGHT FIXTURE |
| XI | | EXTERIOR RECESSED CEILING LIGHT FIXTURE |
| X2 | | EXTERIOR WALL MOUNTED LIGHT FIXTURE |

GENERAL NOTE: ALL TYPE 2 INTERIOR FIXTURES WITH DARKDESIGNATIONS SYMBOLS WILL HAVE OPTIONAL BATTERY BACKUP.

## LIFE SAFETY DEVICES

- FIRE ALARM MANUAL PULL STATION
- VISUAL ALARM - WALL MOUNTED
- AUDIO/VISUAL ALARM - WALL MOUNTED
- VISUAL ALARM - CEILING MOUNTED
- AUDIO/VISUAL ALARM - CEILING MOUNTED
- HEAT DETECTOR
- SMOKE DETECTOR
- EXIT SIGN

NOTE: ALL EXIT SIGNS IN PRISONER AREAS SHALL BE FLUSH WALL RECESSED

## CEILINGS

- 24" x 24" TEGULAR EDGE - SUSPENDED ACOUSTICAL TILE CEILINGS
- 5/8" DRYWALL CEILINGS AND SOFFITS (SEE NOTES FOR PRISONER AREAS)
- HARDWOOD CEILING TRIM DETAILS
- 1 x 8 NICKEL-GAP CEDAR CEILINGS & SOFFITS
- DRYWALL CEILING ACCESS PANELS

## MECHANICAL

- DIFFUSERS AND GRILLS
- SLOT DIFFUSER
- RADIANT PANELS

# ELECTRICAL POWER LEGEND

| SYMBOL | DESCRIPTION | SYMBOL | DESCRIPTION |
|---|---|---|---|
| | I20V DUPLEX RECEPTACLE | S | KEYED SWITCH |
| IG | I20V ISOLATED GROUND DUPLEX RECEPTACLE | $S_3$ | KEYED SWITCH |
| UC-IG | I20V UNDER COUNTER ISOLATED GROUND DUPLEX RECEPTACLE | D | SERVICE DISCONNECT |
| UC | I20V UNDER COUNTER DUPLEX RECEPTACLE | | VARIABLE SPEED DRIVE |
| | 240V AC RECEPTACLE | MS | MOTOR STARTER / LIGHT RELAY |
| | 240V AC STOVE RECEPTACLE | | OVERHEAD DOOR OPENER MOTOR |
| GFI | I20V GROUND FAULT INTERRUPTER DUPLEX RECEPTACLE | SM | MOTOR SERVICE SWITCH |
| GFI-EXT | I20V GROUND FAULT INTERRUPTER EXTERIOR DUPLEX RECEPTACLE | LP | PANEL DESIGNATION |
| S | 2 WAY TOGGLE SWITCH | WP | WEATHER RESISTANT OUTLET |
| $S_3$ | 3 WAY SWITCH | R | FLOOR DUPLEX RECEPTACLE |
| $S_D$ | DIMMER SWITCH | MH | MAGNETIC DOOR HOLDER |
| $S_P$ | SWITCH PILOT LIGHT | EDS | ELECTRIC DOOR STRIKE |
| $S_{FAN}$ | FAN CONTROL SWITCH | M | ELECTRIC MOTOR |
| MD | WALL MOTION DETECTOR & SWITCH | CR | CARD READER |
| MD | CEILING MOTION DETECTOR | | |
| J | JUNCTION BOX | | |
| R | RELAY | | |
| LC | LIGHT CONTACTOR/RELAY | | |

# TELEPHONE & DATA LEGEND

| | |
|---|---|
| | TELEPHONE DUPLEX OUTLET DEVICE |
| | DATA DUPLEX OUTLET DEVICE |
| R TD | FLOOR DUPLEX RECEPTACLE & TELEPHONE/DATA BOX |
| R TD A/V M | FLOOR BOX WITH DUPLEX RECEPTACLE & TELEPHONE/DATA & AUDIO/VIDEO & MICROPHONE |
| A/V | AUDIO/VIDEO OUTLET |

# SECURITY PLAN LEGEND

## SECURITY CAMERAS

- SECURITY CAMERA
- 180° SECURITY CAMERA
- 360° OUTDOOR SECURITY CAMERA
- 360° INDOOR SECURITY CAMERA

## SECURITY HARDWARE

- DOOR ACCESS CARD READER
- DURESS BUTTON

# ELECTRICAL INDEX OF DRAWINGS


| | |
|---|---|
| E0.0 | ELECTRICAL LEGENDS / SYMBOLS / NOTES |
| E1.1 | GROUND FL. ELEC. DISTRIBUTION EQUIP. |
| E1.2 | FIRST FL. ELEC. DISTRIBUTION EQUIP. |
| E1.3 | SECOND FL. ELEC. DISTRIBUTION EQUIP. |
| E1.4 | SITE ELECTRICAL POWER DISTRIBUTION |
| E1.5 | ELECTRICAL PANEL SCHEDULES |
| E1.6 | ELECTRICAL PANEL SCHEDULES |
| E1.7 | ELECTRICAL PANEL SCHEDULES |
| E2.1 | POWER DISTRIBUTION ONE-LINE DIAGRAM |
| E2.2 | POWER DISTRIBUTION RISER DIAGRAM |
| E3.1 | GROUND FL. ELEC. POWER WIRING PLAN |
| E3.2 | FIRST FL. ELEC. POWER WIRING PLAN |
| E3.3 | SECOND FL. ELEC. POWER WIRING PLAN |
| E3.4 | ATTIC LEVEL ELEC. POWER & LIGHTING PLAN |
| E3.5 | ELECTRICAL POWER & LIGHTING DETAILS |
| E4.1 | GROUND FLOOR ELECTRICAL LIGHTING PLAN |
| E4.2 | FIRST FLOOR ELECTRICAL LIGHTING PLAN |
| E4.3 | SECOND FLOOR ELECTRICAL LIGHTING PLAN |
| E5.1 | SITE ELEC. POWER & LIGHTING (NORTH) |
| E5.2 | SITE ELEC. POWER & LIGHTING (SOUTH) |
| E6.1 | GROUND FLOOR LIFE SAFETY PLAN |
| E6.2 | FIRST FLOOR LIFE SAFETY PLAN |
| E6.3 | SECOND FLOOR LIFE SAFETY PLAN |
| E6.4 | LIFE SAFETY PARTIAL PLANS & DETAILS |
| E7.1 | GROUND FL. SECURITY / TELEPHONE / DATA |
| E7.2 | FIRST FL. SECURITY / TELEPHONE / DATA |
| E7.3 | SECOND FL. SECURITY / TELEPHONE / DATA |
| E7.4 | SITE SECURITY PLAN (NORTH) |
| E7.5 | SITE SECURITY PLAN (SOUTH) |


# ELECTRICAL GENERAL NOTES

QUALITY ASSURANCE

01.) ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST NEC ELECTRICAL AND LIFE SAFETY CODE EDITIONS.

02.) ALL WORK SHALL COMPLY WITH ALL LAWS, REGULATIONS, CODES AND STANDARDS (FEDERAL, STATE, AND LOCAL), AS ADOPTED BY THE AGENCIES HAVING JURISDICTION, INCLUDING REASONABLY ANTICIPATED REVISIONS BASED ON EMERGING TRENDS IN BUILDING REGULATIONS. WHERE ANY OF THESE DIFFER, THE MOST STRINGENT SHALL APPLY.

03.) PROVIDE ALL MATERIALS AND EQUIPMENT AND PERFORM ALL LABOR REQUIRED COMPLETE AND OPERABLE SYSTEMS AS INDICATED ON THE DRAWINGS AND SPECIFICATIONS. INCLUDE ALL NECESSARY AND APPLICABLE APPURTENANCES, WHETHER INDICATED OR NOT.

04.) ALL ELECTRICAL EQUIPMENT, COMPONENTS, AND DEVICES SHALL BE PURPOSED FOR THE APPLICATION AND PROJECT REQUIREMENTS.

05.) LAYOUT AND INSTALLATION OF PIPING, EQUIPMENT AND APPURTENANCES INDICATED ON PLAN IS SCHEMATIC IN NATURE. EXACT LOCATION, ROUTING AND INSTALLATION TO BE COORDINATED WITH BUILDING STRUCTURES AND ALL OTHER TRADES.

06.) THESE DRAWINGS ARE SCHEMATIC IN NATURE AND ARE NOT INTENDED TO SHOW ALL POSSIBLE CONDITIONS (DO NOT SCALE FOR LOCATIONS). IT IS INTENDED THAT A COMPLETE ELECTRICAL SYSTEM BE PROVIDED WITH ALL NECESSARY EQUIPMENT, APPURTENANCES AND CONTROLS. THE CONTRACTOR SHALL CAREFULLY REVIEW ALL THE CONTRACT DOCUMENTS AND COORDINATE BETWEEN ALL TRADES PRIOR TO SUBMITTING SHOP DRAWINGS. THE CONTRACTOR SHALL VERIFY ALL SIZES, MATERIALS, NEC ELECTRICAL RATINGS BEFORE ORDERING OR INSTALLING ANY MATERIALS OR EQUIPMENT.

COORDINATION

01.) UNLESS OTHERWISE INDICATED BY THE ARCHITECTURAL DOCUMENTATION (WHICH SHALL TAKE PRECEDENCE), ELECTRICAL DEVICES AND EQUIPMENT MOUNTING HEIGHTS SHALL BE AS INDICATED ON ARCHITECTURAL PLANS AND OR SCHEDULE, HOWEVER, SHALL CONFORM AND COMPLY WITH THE LATEST NEC CODE.

02.) ELECTRICAL CONDUIT PIPING IS PERMITTED ONLY TO RUN ABOVE ANY ELECTRICAL SWITCH GEAR, MOTOR CONTROL CENTERS OR PANELS. (NEC CODE SHALL DICTATE ACCESS/CLEARANCE SPACE IN FRONT ON ELECTRICAL ITEMS. LOCATION OF ITEMS TYPES SHALL BE DETERMINED AND CONFIRMED FROM INDICATION BY THE PROJECT ELECTRICAL DOCUMENTATION. ACTUAL INSTALLATION CONFIRMED WITH THE ELECTRICAL CONTRACTOR PRIOR TO START OF WORK.

03.)COORDINATE WITH LOCATION OF ALL UTILITY CONNECTION OF EQUIPMENT WITH OTHER TRADES.

04.) ENSURE THAT WORK WILL NOT INTERFERE OR INTERRUPT SERVICES TO AREAS OUTSIDE OF THE DESIGNATED CONTRACT AREAS. AS ANY OTHER INTERRUPTIONS OF EXISTING SERVICES BECOMES NECESSARY, SCHEDULE SUCH INTERRUPTIONS WITH THE OWNER PRIOR TO THEIR COMMENCEMENT. GIVE THE OWNER NO LESS THAN TWO WEEKS NOTICE AS TO WHEN HE EXPECTS SUCH INTERRUPTIONS. WORK SHALL BE PERFORMED AT SUCH TIMES AS DIRECTED BY THE OWNER. TEMPORARY POWER AND LIGHTING SHALL BE PROVIDE FOR THE DURATION OF THE PROJECT.

05.) COORDINATE EXACT REQUIREMENTS AND LOCATION OF WORK WITH THE WORK OF OTHER TRADES PRIOR TO FABRICATION. PROVIDE ADDITIONAL OFF SETS AND SECTIONS OF PIPING AS MAY BE REQUIRED TO MEET THE APPLICABLE JOB CONDITION REQUIREMENTS. VERIFY JOB-SITE ELEVATIONS, DIMENSIONS, AND CONDITIONS, PRIOR TO FABRICATION OR INSTALLATION OF THE WORK. COORDINATE EXACT ROUTING OF PIPING WITH OTHER TRADES SO THAT NO CONFLICTS OCCUR WITH DUCTWORK, PIPING, LIGHTS, STRUCTURE, ETC..

06.) ALL CONDUIT AND PIPING PENETRATIONS THRU WALLS AND FLOORS/CEILINGS SHALL BE SEALED PROPERLY. PENETRATIONS INVOLVING FIRE WALLS AND FLOORS, AN APPROVED FIRE STOP/SEALANT, UL LISTED AND 3M APPROVED, SHALL BE USED.

07.) ELECTRICAL EXTERIOR CONDUIT PENETRATIONS SHALL SHALL BE WATER/MOISTURE STOPPED. COORDINATE WITH SITE UTILITY PLAN FOR THE CONNECTION AND CONTINUATION OF PIPING.

TRADE PRACTICES

01.) THE SIZES OF ALL CONDUITS AND WIRE FEEDERS TO SINGLE SYSTEM DEVICES SHALL BE AS SCHEDULED AND OR COMPLY WITH NEC CODES.

02.) CONTRACTOR TO PROVIDE MISCELLANEOUS STEEL AS REQUIRED TO SUPPORT EQUIPMENT AND ASSOCIATED COMPONENTS SUCH AS CONTROL PANELS, SYSTEM EQUIPMENT, VARIABLE SPEED DRIVES, ETC.. MISCELLANEOUSLY STEEL TO CONSIST OF GALVANIZED STRUT, ANGLE IRON, CHANNELS OR OTHER STANDARD GALVANIZED STEEL ELEMENTS. ALL WELDED CONNECTIONS TO BE GROUND AND COLD GALVANIZED IN THE FIELD.

03.) PROVIDE NECESSARY OCD PROTECTION, SURGE PROTECTION, GROUND FAULT PROTECTION, EQUIPMENT GROUNDING, ETC.AS REQUIRED BY NEC CODE AND THE STATE OR LOCAL JURISDICTION.

04.) ALL EQUIPMENT AND SYSTEM DEVICES / COMPONTENTS SHALL BE ULLISTED.

05.) ALL ITEMS THAT REQUIRE MAINTENANCE OR ADJUSTMENT SHALL BE INSTALLED IN ACCESSIBLE LOCATIONS. PROVIDE APPROPRIATELY SIZED ACCESS PANEL/ DOOR AS REQUIRED.

FIRE BUILDING SAFETY

01.) THIS CONTRACTOR IS RESPONSIBLE FOR FIRE STOPPING AT ALL PLUMBING RELATED PENETRATIONS OF FIRE, SMOKE AND OTHER RATED STRUCTURES, INCLUDING FLOORS, WALLS, PARTITIONS, ETC.. REFER TO ARCHITECTURAL DOCUMENTATION FOR LOCATIONS OF ALL RATED STRUCTURES, AND SPECIFIC INFORMATION AND REQUIREMENTS PERTAINING TO SAME.

02.) ALL FLOOR PENETRATIONS TO BE SEALED WATER TIGHT AND COMPLETELY PACKED WITH SEALANT OR FIRE STOP MATERIAL WHERE APPLICABLE BY TRADE CONTRACTORS.

# ELECTRICAL LEGENDS / SYMBOLS NOTES

SCALE: NO SCALE


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SCALE: NTS

E0.0

SHEET TITLE: ELECTRICAL LEGENDS & SYMBOLS

DATE: MAY 01, 2026

PROJECT#250I:I5

For: PROJECT BIDDING

# GROUND FLOOR ELECTRICAL DISTRIBUTION EQUIPMENT

SCALE: 1/8" = 1'

0' 20' 40'

Armstrong Engineering
Mechanical / Electrical Design Consultants
94 Presque Isle Street, Fort Fairfield, Maine 04742
Phone: (207) 473-7117 Fax: (207) 476-5621

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- ☐ FOR PRELIMINARY REVIEW
- ■ FOR PROJECT BIDDING
- ☐ FOR PROJECT CONSTRUCTION
- ☐ RECORD DRAWINGS

STATE OF MAINE · JEFFREY M. ARMSTRONG No. 5372 · LICENSED PROFESSIONAL ENGINEER

HANCOCK JUDICIAL CENTER
45 MERRILL LANE
ELLSWORTH, MAINE

Construction Project

| REV | DATE | DESCRIPTION |
|---|---|---|
| | | |
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| | | |
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| | | |

SCALE: 1/8" = 1'
0' 12'

EI.1

SHEET TITLE: POWER DISTRIBUTION EQUIPMENT GROUND FLOOR

DATE: MAY 01, 2026

PROJECT#2501.15

For: PROJECT BIDDING

# FIRST FLOOR ELECTRICAL DISTRIBUTION EQUIPMENT

SCALE: 1/8" = 1'

0' 20' 40'

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Mechanical / Electrical Design Consultants
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STATE OF MAINE
JEFFREY M. ARMSTRONG
No. 5372
LICENSED
PROFESSIONAL ENGINEER

HANCOCK JUDICIAL CENTER
45 MERRILL LANE
ELLSWORTH, MAINE

Construction Project

| REV | DATE | DESCRIPTION |
|---|---|---|
| | | |
| | | |
| | | |
| | | |
| | | |

SCALE: 1/8" = 1'

0' 12'

EI.2

SHEET TITLE:
POWER DISTRIBUTION EQUIPMENT FIRST FLOOR

DATE: MAY 01, 2026

PROJECT#2501.15

For: PROJECT BIDDING

## SECOND FLOOR ELECTRICAL DISTRIBUTION EQUIPMENT

SCALE: 1/8" = 1'

0' 20' 40'

---

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Mechanical / Electrical Design Consultants
94 Presque Isle Street, Fort Fairfield, Maine 04742
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STATE OF MAINE — JEFFREY M. ARMSTRONG No. 5372 — LICENSED PROFESSIONAL ENGINEER

# HANCOCK JUDICIAL CENTER

45 MERRILL LANE
ELLSWORTH, MAINE

Construction Project

| REV | DATE | DESCRIPTION |
|---|---|---|
| | | |
| | | |
| | | |
| | | |
| | | |

SCALE: 1/8" = 1'

0' 12'

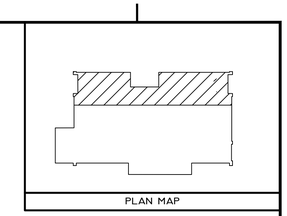
**E1.3**

SHEET TITLE: POWER DISTRIBUTION EQUIPMENT SECOND FLOOR

DATE: MAY 01, 2026

PROJECT#2501:15

For: PROJECT BIDDING



PLAN MAP

# SITE ELECTRICAL POWER DISTRIBUTION

SCALE: 1/8" = 1'

0' 20' 40'

CHAIN LINK FENCE
GENSET 350 KVA
40'
5'x5'
TRASH
GENSET
28'
4'-6"
6'-6"
HOUSEKEEPING PAD
LP GAS EVAPORATOR STATION
1½" U.G. LP GAS
20' MIN.
TRENCH DETAIL PER (E-3.5)
1000KVA 480V/277V, WYE, 3PH, 4 WIRE
PRIMARY ENTRANCE POWER U.G. CONDUCTORS & CONDUIT SIZES PER VERSANT UTILITY REQUIREMENTS.
T
TRANSFORMER & U.G. VAULT CT CABINET & METER BY VERSANT UTILITY CO.
PB
2- #8 Cu & 1- #10 Cu GRD IN 1-½" C
1" C W/ PULL FOB/KEY PAD
P-2
TO #4
P-2
1-½" C W/ PULL STRING FOR CAMERAS
2" C
P5-2
SLIDE GATE OPERATOR
TO #3
2- #8 CU & 1- #10 CU IN 1-½" C (1 SET) SEPARATE 2" C W/ PULL (CAMERA DATA)
SECONDARY ENTRANCE POWER U.G. CONDUCTORS & CONDUIT SIZES PER RISER DIAGRAM (E2.1 & 2.2)-TRENCH DETAILS (D6.4)
1½" U.G. LP GAS
TO #1
TO #2
1" CW/ PULL
SCU #5
SCU #1A #1B
HPLG #1
HPLG #2
AC-1T
SCU SCU #4A #4B
SCU #3
SCU SCU #2A #2B
LP GAS REGULATOR 10PSI TO 2PSI
3" LP GAS LP
2' AA SERVICE PIT
D
A.T.S.
MDP-480
MDP-480 SUB
T-1
MDP-208
PP-1
EXT. LIGHTING CONTROL PANEL
HYDROMIC CW / HW & RREFRG. PIPING. ALL POWER & COMM. CONDUITS & FEEDERS U.G. RUNS.
REFRIG PIPING
24"Wx36"Dx36"H SERVICE PIPE CURBS (TYP OF 3)
56"Wx36"D SERVICE TRENCH
SALLY PORT
ELECTRICAL ROOM
STAFF STAIR
MAINTENANCE WORK ROOM
MAINTENANCE OFFICE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STATE OF MAINE
JEFFREY M. ARMSTRONG
No. 5372
LICENSED PROFESSIONAL ENGINEER

HANCOCK JUDICIAL CENTER
45 MERRILL LANE
ELLSWORTH, MAINE

Construction Project

| REV | DATE | DESCRIPTION |
|---|---|---|
| | | |
| | | |
| | | |
| | | |
| | | |

SCALE: 1/8" = 1'
0' 12'

E1.4

SHEET TITLE: SITE ELECTRICAL POWER DISTRIBUTION

DATE: MAY 01, 2026

PROJECT#2501.15

For: PROJECT BIDDING

## PANEL# MDP-480

PANEL RATING: 1200 | PHASE: 3
MAIN RATING: 1200 | WIRE: 4
LOCATION: ELECTRICAL RM 001 | VOLTAGE: 277/480V | PANEL MOUNTING: FLOOR
NUMBER OF POLES: 42 | PANEL MIN. A.I.C. RATING: 65K

| DESCRIPTION | CONNECTED LOAD KVA A@ | B@ | C@ | TRIP AMPS | WIRE # CU | CKT # | CKT # | WIRE # CU | TRIP AMPS | CONNECTED LOAD KVA A@ | B@ | C@ | DESCRIPTION |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MDP-480 SUB | | | | 400 | (2)3/0 | 1 | 2 | 2 | 100 | | | | SPARE |
| " " | | | | 400 | (2)3/0 | 3 | 4 | 2 | 100 | | | | " " |
| " " | | | | 400 | (2)3/0 | 5 | 6 | 2 | 100 | | | | " " |
| MPG-480 | | | | 200 | 4/0 | 7 | 8 | (2)350 | 600 | | | | T-1 TRANSFORMER 480/208 350KVA |
| " " | | | | 200 | 4/0 | 9 | 10 | (2)350 | 600 | | | | " " |
| " " | | | | 200 | 4/0 | 11 | 12 | (2)350 | 600 | | | | " " |
| T-3 TRANSFORMER 480/208 300KVA | | | | 400 | (2)3/0 | 13 | 14 | 4 | 70 | | | | T-2 TRANSFORMER 480/208 45KVA |
| " " | | | | 400 | (2)3/0 | 15 | 16 | 4 | 70 | | | | " " |
| " " | | | | 400 | (2)3/0 | 17 | 18 | 4 | 70 | | | | " " |
| HPLG-1 | | | | 100 | 2 | 19 | 20 | 2 | 100 | | | | HPLG-2 |
| " " | | | | 100 | 2 | 21 | 22 | 2 | 100 | | | | " " |
| " " | | | | 100 | 2 | 23 | 24 | 2 | 100 | | | | " " |
| T-4 TRANSFORMER 480/208 112.5KVA | | | | 200 | 4/0 | 25 | 26 | 10 | 30 | | | | AC-1T |
| " " | | | | 200 | 4/0 | 27 | 28 | 10 | 30 | | | | " " |
| " " | | | | 200 | 4/0 | 29 | 30 | 10 | 30 | | | | " " |
| SPARE | | | | 100 | 2 | 31 | 32 | 6 | 60 | | | | SPARE |
| " " | | | | 100 | 2 | 33 | 34 | 6 | 60 | | | | - |
| " " | | | | 100 | 2 | 35 | 36 | 6 | 60 | | | | - |
| SPACE | | | | - | - | 37 | 38 | - | - | | | | SPACE |
| - | | | | - | - | 39 | 40 | - | - | | | | - |
| - | | | | - | - | 41 | 42 | - | - | | | | - |

## PANEL# MDP2-208

PANEL RATING: 800 | PHASE: 3
MAIN RATING: 800 | WIRE: 4
LOCATION: MECH ROOM 237 | VOLTAGE: 208/120V | PANEL MOUNTING: FLOOR
NUMBER OF POLES: 42 | PANEL MIN. A.I.C. RATING: 42K

| DESCRIPTION | CONNECTED LOAD KVA A@ | B@ | C@ | TRIP AMPS | WIRE # CU | CKT # | CKT # | WIRE # CU | TRIP AMPS | CONNECTED LOAD KVA A@ | B@ | C@ | DESCRIPTION |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PP-9 | | | | 200 | 4/0 | 1 | 2 | 4/0 | 200 | | | | PP-10 |
| " " | | | | 200 | 4/0 | 3 | 4 | 4/0 | 200 | | | | " " |
| " " | | | | 200 | 4/0 | 5 | 6 | 4/0 | 200 | | | | " " |
| PP-8 | | | | 200 | 4/0 | 7 | 8 | 4/0 | 200 | | | | PP-11 |
| " " | | | | 200 | 4/0 | 9 | 10 | 4/0 | 200 | | | | " " |
| " " | | | | 200 | 4/0 | 11 | 12 | 4/0 | 200 | | | | " " |
| MPI-208 | | | | 200 | 4/0 | 13 | 14 | 2 | 100 | | | | SPARE |
| " " | | | | 200 | 4/0 | 15 | 16 | 2 | 100 | | | | " " |
| " " | | | | 200 | 4/0 | 17 | 18 | 2 | 100 | | | | " " |
| SPARE | | | | 60 | 6 | 19 | 20 | 10 | 30 | | | | SPARE |
| " " | | | | 60 | 6 | 21 | 22 | 10 | 30 | | | | " " |
| " " | | | | 60 | 6 | 23 | 24 | 10 | 30 | | | | " " |
| SPARE | | | | 20 | 12 | 25 | 26 | - | - | | | | SPACE |
| " " | | | | 20 | 12 | 27 | 28 | - | - | | | | - |
| " " | | | | 20 | 12 | 29 | 30 | - | - | | | | - |
| SPACE | | | | - | - | 31 | 32 | | | | | | |
| - | | | | - | - | 33 | 34 | | | | | | |
| - | | | | - | - | 35 | 36 | | | | | | |
| - | | | | - | - | 37 | 38 | | | | | | |
| - | | | | - | - | 39 | 40 | | | | | | |
| - | | | | - | - | 41 | 42 | | | | | | |

## PANEL# MPI-480

PANEL RATING: 600 | PHASE: 3
MAIN RATING: 600 | WIRE: 4
LOCATION: MECH RM 237 | VOLTAGE: 277/480V | PANEL MOUNTING: FLOOR SURFACE
NUMBER OF POLES: 42 | PANEL MIN. A.I.C. RATING: 42K

| DESCRIPTION | CONNECTED LOAD KVA A@ | B@ | C@ | TRIP AMPS | WIRE # CU | CKT # | CKT # | WIRE # CU | TRIP AMPS | CONNECTED LOAD KVA A@ | B@ | C@ | DESCRIPTION |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SPARE | | | | 30 | 10 | 1 | 2 | 10 | 25 | | | | ELEVATOR PRISONER EL-1 |
| " " | | | | 30 | 10 | 3 | 4 | 10 | 25 | | | | " " |
| " " | | | | 30 | 10 | 5 | 6 | 10 | 25 | | | | " " |
| DOAS-1 SAF VFD | | | | 20 | 12 | 7 | 8 | 10 | 25 | | | | ELEVATOR PUBLIC EL-4 |
| " " | | | | 20 | 12 | 9 | 10 | 10 | 25 | | | | " " |
| " " | | | | 20 | 12 | 11 | 12 | 10 | 25 | | | | " " |
| DOAS-1 EAF ECM'S | | | | 20 | 12 | 13 | 14 | 10 | 25 | | | | ELEVATOR PRISONER EL-2 |
| " " | | | | 20 | 12 | 15 | 16 | 10 | 25 | | | | " " |
| " " | | | | 20 | 12 | 17 | 18 | 10 | 25 | | | | " " |
| HUMIDIFIER HUM-2 MECH RM 237 | | | | 60 | 6 | 19 | 20 | 12 | 20 | | | | ELEVATOR STAFF EL-3 |
| " " | | | | 60 | 6 | 21 | 22 | 12 | 20 | | | | " " |
| " " | | | | 60 | 6 | 23 | 24 | 12 | 20 | | | | " " |
| HWP-1 VFD | | | | 20 | 12 | 25 | 26 | 12 | 20 | | | | HWP-3 VFD |
| " " | | | | 20 | 12 | 27 | 28 | 12 | 20 | | | | " " |
| " " | | | | 20 | 12 | 29 | 30 | 12 | 20 | | | | " " |
| HWP-2 VFD | | | | 20 | 12 | 31 | 32 | 12 | 20 | | | | HWP-4 VFD |
| " " | | | | 20 | 12 | 33 | 34 | 12 | 20 | | | | " " |
| " " | | | | 20 | 12 | 35 | 36 | 12 | 20 | | | | " " |
| AHU-1 SAF VFD | | | | 20 | 12 | 37 | 38 | 12 | 20 | | | | AHU-2 SAF VFD |
| " " | | | | 20 | 12 | 39 | 40 | 12 | 20 | | | | " " |
| " " | | | | 20 | 12 | 41 | 42 | 12 | 20 | | | | " " |

## PANEL# MDP-480 SUB

PANEL RATING: 600 | PHASE: 3
MAIN RATING: 600 | WIRE: 4
LOCATION: ELECTRICAL RM 001 | VOLTAGE: 277/480V | PANEL MOUNTING: SURFACE
NUMBER OF POLES: 42 | PANEL MIN. A.I.C. RATING: 42K

| DESCRIPTION | CONNECTED LOAD KVA A@ | B@ | C@ | TRIP AMPS | WIRE # CU | CKT # | CKT # | WIRE # CU | TRIP AMPS | CONNECTED LOAD KVA A@ | B@ | C@ | DESCRIPTION |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SCU-5 | | | | 50 | 6 | 1 | 2 | 10 | 30 | | | | SCU-1A |
| " " | | | | 50 | 6 | 3 | 4 | 10 | 30 | | | | " " |
| " " | | | | 50 | 6 | 5 | 6 | 10 | 30 | | | | " " |
| EXT. LIGHTS BLDG GROUND FLR | | | | 30 | 10 | 7 | 8 | 10 | 30 | | | | SCU-1B |
| EXT. LIGHT BLD'G IST FLR | | | | 30 | 10 | 9 | 10 | 10 | 30 | | | | " " |
| POLES LIGHTS NORTHWEST DRIVE (A) | | | | 30 | 10 | 11 | 12 | 10 | 30 | | | | " " |
| POLES LIGHTS NORTHEAST DRIVE (B) | | | | 30 | 10 | 13 | 14 | 10 | 30 | | | | SCU-2A |
| " " | | | | 50 | - | 15 | 16 | 10 | 30 | | | | " " |
| " " | | | | 50 | - | 17 | 18 | 10 | 30 | | | | " " |
| SPARE | | | | 50 | - | 19 | 20 | 10 | 30 | | | | SCU-2B |
| " " | | | | 30 | - | 21 | 22 | 10 | 30 | | | | " " |
| " " | | | | 30 | - | 23 | 24 | 10 | 30 | | | | " " |
| SPARE | | | | 30 | - | 25 | 26 | 6 | 50 | | | | SCU-3 |
| " " | | | | 30 | - | 27 | 28 | 6 | 50 | | | | " " |
| " " | | | | | | 29 | 30 | 6 | 50 | | | | " " |
| SPACE | | | | - | - | 31 | 32 | 10 | 30 | | | | SCU-4A |
| - | | | | - | - | 33 | 34 | 10 | 30 | | | | " " |
| - | | | | - | - | 35 | 36 | 10 | 30 | | | | " " |
| - | | | | - | - | 37 | 38 | 10 | 30 | | | | SCU-4B |
| - | | | | - | - | 39 | 40 | 10 | 30 | | | | " " |
| - | | | | - | - | 41 | 42 | 10 | 30 | | | | " " |

## PANEL# MPG-480

PANEL RATING: 225 | PHASE: 3
MAIN RATING: 200 | WIRE: 4
LOCATION: MECH RM 014 | VOLTAGE: 277/480V | PANEL MOUNTING: SURFACE
NUMBER OF POLES: 42 | PANEL MIN. A.I.C. RATING: 42K

| DESCRIPTION | CONNECTED LOAD KVA A@ | B@ | C@ | TRIP AMPS | WIRE # CU | CKT # | CKT # | WIRE # CU | TRIP AMPS | CONNECTED LOAD KVA A@ | B@ | C@ | DESCRIPTION |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DOAS-G SAF VFD | | | | 20 | 12 | 1 | 2 | 12 | 20 | | | | DOAS-G EAF VFD |
| " " | | | | 20 | 12 | 3 | 4 | 12 | 20 | | | | " " |
| " " | | | | 20 | 12 | 5 | 6 | 12 | 20 | | | | " " |
| CWP-1 VFD | | | | 20 | 12 | 7 | 8 | 10 | 25 | | | | HUM-1 |
| " " | | | | 20 | 12 | 9 | 10 | 10 | 25 | | | | " " |
| " " | | | | 20 | 12 | 11 | 12 | 10 | 25 | | | | " " |
| CWP-2 VFD | | | | 20 | 12 | 13 | 14 | 6 | 60 | | | | SPARE |
| " " | | | | 20 | 12 | 15 | 16 | 6 | 60 | | | | " " |
| " " | | | | 20 | 12 | 17 | 18 | 6 | 60 | | | | " " |
| CWP-3 VFD | | | | 20 | 12 | 19 | 20 | 12 | 20 | | | | SPARE |
| " " | | | | 20 | 12 | 21 | 22 | 12 | 20 | | | | " " |
| " " | | | | 20 | 12 | 23 | 24 | 12 | 20 | | | | " " |
| CWP-4 VFD | | | | 20 | 12 | 25 | 26 | | | | | | |
| " " | | | | 20 | 12 | 27 | 28 | | | | | | |
| " " | | | | 20 | 12 | 29 | 30 | | | | | | |
| EXT. PARKING LIGHTS SOUTH (C) | | | | 30 | 10 | 31 | 32 | | | | | | |
| EXT.PARKING LIGHTS SOUTH (D) | | | | 30 | 10 | 33 | 34 | | | | | | |
| EXT. FLAG POLE & WALK WAY LIGHTS (E) | | | | 30 | 10 | 35 | 36 | - | - | | | | |
| SPARE | | | | 30 | 10 | 37 | 38 | - | - | | | | |
| " " | | | | 30 | 10 | 39 | 40 | - | - | | | | |
| " " | | | | 30 | 10 | 41 | 42 | - | - | | | | |

## PANEL# MPI-208

PANEL RATING: 225 | PHASE: 3
MAIN RATING: 200 | WIRE: 4
LOCATION: MECH RM 237 | VOLTAGE: 277/480V | PANEL MOUNTING: SURFACE
NUMBER OF POLES: 42 | PANEL MIN. A.I.C. RATING: 22K

| DESCRIPTION | CONNECTED LOAD KVA A@ | B@ | C@ | TRIP AMPS | WIRE # CU | CKT # | CKT # | WIRE # CU | TRIP AMPS | CONNECTED LOAD KVA A@ | B@ | C@ | DESCRIPTION |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MECH RM LIGHTS | | | | 20 | 12 | 1 | 2 | | 20 | | | | MECH. RM RECEPTACLES |
| ATTIC EAST LIGHTS | | | | 20 | 12 | 3 | 4 | | 20 | | | | ATTIC EAST RECEPT |
| ATTIC WEST LIGHTS | | | | 20 | 12 | 5 | 6 | | 20 | | | | ATTIC WEST RECEPT |
| BOILER BLR1 | | | | 20 | 12 | 7 | 8 | | 20 | | | | A.T.C. PANEL |
| BOILER BLR2 | | | | 20 | 12 | 9 | 10 | | 20 | | | | DOAS-1 LIGHTS |
| BOILER 1 HW PUMPS | | | | 20 | 12 | 11 | 12 | | 20 | | | | MAIL RM EF-3 |
| " " | | | | 20 | 12 | 13 | 14 | | 20 | | | | SPARE |
| " " | | | | 20 | 12 | 15 | 16 | | 20 | | | | " " |
| BOILER 2 HW PUMPS | | | | 20 | 12 | 17 | 18 | | 20 | | | | " " |
| " " | | | | 20 | 12 | 19 | 20 | | 20 | | | | SPARE |
| " " | | | | 20 | 12 | 21 | 22 | | 20 | | | | " " |
| UH-4 | | | | 20 | 12 | 23 | 24 | | 20 | | | | " " |
| SPARE | | | | 30 | 10 | 25 | 26 | | 20 | | | | SPARE |
| " " | | | | 30 | 10 | 27 | 28 | | 20 | | | | " " |
| " " | | | | 30 | 10 | 29 | 30 | | 20 | | | | " " |
| SPARE | | | | 20 | 12 | 31 | 32 | - | - | | | | SPACE |
| " " | | | | 20 | 12 | 33 | 34 | - | - | | | | - |
| " " | | | | 20 | 12 | 35 | 36 | - | - | | | | - |
| SPACE | | | | - | - | 37 | 38 | - | - | | | | - |
| - | | | | - | - | 39 | 40 | - | - | | | | - |
| - | | | | - | - | 41 | 42 | - | - | | | | - |

## PANEL# MDPG-208

PANEL RATING: 1000 | PHASE: 3
MAIN RATING: 1000 | WIRE: 4
LOCATION: ELECTRICAL RM 001 | VOLTAGE: 208/120V | PANEL MOUNTING: SURFACE
NUMBER OF POLES: 42 | PANEL MIN. A.I.C. RATING: 42K

| DESCRIPTION | CONNECTED LOAD KVA A@ | B@ | C@ | TRIP AMPS | WIRE # CU | CKT # | CKT # | WIRE # CU | TRIP AMPS | CONNECTED LOAD KVA A@ | B@ | C@ | DESCRIPTION |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PP-1 | | | | 200 | 4/0 | 1 | 2 | 4/0 | 200 | | | | PP-2 |
| " " | | | | 200 | 4/0 | 3 | 4 | 4/0 | 200 | | | | " " |
| " " | | | | 200 | 4/0 | 5 | 6 | 4/0 | 200 | | | | " " |
| PP-3 | | | | 200 | 4/0 | 7 | 8 | 4/0 | 200 | | | | PP-4 |
| " " | | | | 200 | 4/0 | 9 | 10 | 4/0 | 200 | | | | " " |
| " " | | | | 200 | 4/0 | 11 | 12 | 4/0 | 200 | | | | " " |
| PP-5 | | | | 200 | 4/0 | 13 | 14 | 4/0 | 200 | | | | PP-6 |
| " " | | | | 200 | 4/0 | 15 | 16 | 4/0 | 200 | | | | " " |
| " " | | | | 200 | 4/0 | 17 | 18 | 4/0 | 200 | | | | " " |
| PP-7 | | | | 200 | 4/0 | 19 | 20 | 2 | 100 | | | | I.T. PANEL |
| " " | | | | 200 | 4/0 | 21 | 22 | 2 | 100 | | | | " " |
| " " | | | | 200 | 4/0 | 23 | 24 | 2 | 100 | | | | " " |
| SPARE | | | | 60 | 6 | 25 | 26 | 2 | 100 | | | | SPARE |
| " " | | | | 60 | 6 | 27 | 28 | 2 | 100 | | | | " " |
| " " | | | | 60 | 6 | 29 | 30 | 2 | 100 | | | | " " |
| SPARE | | | | 20 | 12 | 31 | 32 | 10 | 30 | | | | SPARE |
| " " | | | | 20 | 12 | 33 | 34 | 10 | 30 | | | | " " |
| " " | | | | 20 | 12 | 35 | 36 | 10 | 30 | | | | " " |
| SPACE | | | | - | - | 37 | 38 | - | - | | | | SPACE |
| - | | | | - | - | 39 | 40 | - | - | | | | - |
| - | | | | - | - | 41 | 42 | - | - | | | | - |

## PANEL# MPG-208

PANEL RATING: 225 | PHASE: 3
MAIN RATING: 200 | WIRE: 4
LOCATION: MECH RM 014 | VOLTAGE: 277/480V | PANEL MOUNTING: SURFACE
NUMBER OF POLES: 42 | PANEL MIN. A.I.C. RATING: 22K

| DESCRIPTION | CONNECTED LOAD KVA A@ | B@ | C@ | TRIP AMPS | WIRE # CU | CKT # | CKT # | WIRE # CU | TRIP AMPS | CONNECTED LOAD KVA A@ | B@ | C@ | DESCRIPTION |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DOAS-G LIGHTS | | | | 20 | 12 | 1 | 2 | 12 | 20 | | | | MECH RM RECEIPTS |
| MECH RM LIGHTS | | | | 20 | 12 | 3 | 4 | 12 | 20 | | | | GLYCOL MIXING TANK |
| A.T.C. PANEL | | | | 20 | 12 | 5 | 6 | 12 | 20 | | | | SPRINKLER DEVICES |
| LIGHTING CONTROL PANEL | | | | 20 | 12 | 7 | 8 | 12 | 20 | | | | EFFLUENT PUMP CONTROL PANEL |
| DHWS-2 | | | | 20 | 12 | 9 | 10 | 12 | 20 | | | | EFFLUENT PUMP POWER |
| CLEAN AGENT SUPPRESSION CONTROL PANEL ALT. 5 | | | | 20 | 12 | 11 | 12 | 12 | 20 | | | | SPARE |
| CLEAN AGENT SUPPRESSION CONTROL PANEL ALT. 5 | | | | 20 | 12 | 13 | 14 | - | - | | | | SPACE |
| SPARE | | | | 20 | 12 | 15 | 16 | - | - | | | | - |
| SPACE | | | | - | - | 17 | 18 | - | - | | | | - |
| - | | | | - | - | 19 | 20 | - | - | | | | - |
| - | | | | - | - | 21 | 22 | - | - | | | | - |
| - | | | | - | - | 23 | 24 | - | - | | | | - |
| - | | | | - | - | 25 | 26 | - | - | | | | - |
| - | | | | - | - | 27 | 28 | - | - | | | | - |
| - | | | | - | - | 29 | 30 | - | - | | | | - |
| - | | | | - | - | 31 | 32 | - | - | | | | - |
| - | | | | - | - | 33 | 34 | - | - | | | | - |
| - | | | | - | - | 35 | 36 | - | - | | | | - |
| - | | | | - | - | 37 | 38 | - | - | | | | - |
| - | | | | - | - | 39 | 40 | - | - | | | | - |
| - | | | | - | - | 41 | 42 | - | - | | | | - |

## PANEL# I.T. PANEL

PANEL RATING: 100 | PHASE: 3
MAIN RATING: 100 | WIRE: 4
LOCATION: I.T. ROOM | VOLTAGE: 120/208V | PANEL MOUNTING: SURFACE
NUMBER OF POLES: 36 | PANEL MIN. A.I.C. RATING: 22K

| DESCRIPTION | CONNECTED LOAD KVA A@ | B@ | C@ | TRIP AMPS | WIRE # CU | CKT # | CKT # | WIRE # CU | TRIP AMPS | CONNECTED LOAD KVA A@ | B@ | C@ | DESCRIPTION |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| I.T. ROOM RECEPTACLES | | | | 20 | 12 | 1 | 2 | 10 | 20 | | | | I.T. ROOM LIGHTS |
| I.T. ROOM RECEPTACLES | | | | 20 | 12 | 3 | 4 | 10 | 30 | | | | CEILING OUTLET |
| I.T. ROOM RECEPTACLES | | | | 20 | 12 | 5 | 6 | 10 | 30 | | | | " " |
| I.T. OFFICE RECEPTACLES | | | | 20 | - | 7 | 8 | 10 | 30 | | | | CEILING OUTLET |
| I.T. OFFICE LIGHTS | | | | 20 | - | 9 | 10 | 10 | 30 | | | | " " |
| SPARE | | | | 20 | - | 11 | 12 | - | - | | | | SPACE |
| SPARE | | | | 20 | - | 13 | 14 | - | - | | | | - |
| SPARE | | | | 20 | - | 15 | 16 | - | - | | | | - |
| SPACE | | | | - | - | 17 | 18 | - | - | | | | - |
| - | | | | - | - | 19 | 20 | - | - | | | | - |
| - | | | | - | - | 21 | 22 | - | - | | | | - |
| - | | | | - | - | 23 | 24 | - | - | | | | - |
| - | | | | - | - | 25 | 26 | - | - | | | | - |
| - | | | | - | - | 27 | 28 | - | - | | | | - |
| - | | | | - | - | 29 | 30 | - | - | | | | - |
| - | | | | - | - | 31 | 32 | - | - | | | | - |
| - | | | | - | - | 33 | 34 | - | - | | | | - |
| - | | | | - | - | 35 | 36 | - | - | | | | - |


Armstrong Engineering
Mechanical / Electrical Design Consultants
94 Presque Isle Street, Fort Fairfield, Maine 04742
Phone: (207) 473-7117 Fax: (207) 476-5621



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- ☐ FOR PRELIMINARY REVIEW
- ■ FOR PROJECT BIDDING
- ☐ FOR PROJECT CONSTRUCTION
- ☐ RECORD DRAWINGS

STATE OF MAINE — JEFFREY M. ARMSTRONG No. 5372 — LICENSED PROFESSIONAL ENGINEER

# HANCOCK JUDICIAL CENTER

45 MERRILL LANE
ELLSWORTH, MAINE

Construction Project

| REV | DATE | DESCRIPTION |
|---|---|---|
| | | |
| | | |
| | | |
| | | |
| | | |

SCALE: NTS

EI.5

SHEET TITLE: ELECTRICAL PANEL SCHEDULES

DATE: MAY 01, 2026

PROJECT#2501:15

For: PROJECT BIDDING

## PANEL# PP-1

LOCATION: ELECTRICAL RM 001

PANEL RATING: 225 | PHASE: 3 | MAIN RATING: LLM | WIRE: 4 | VOLTAGE: 120/208V | PANEL MOUNTING: SURFACE | NUMBER OF POLES: 42 | PANEL MIN. A.I.C. RATING: 22K

| DESCRIPTION | CONNECTED LOAD KVA AØ | BØ | CØ | TRIP AMPS | WIRE # CU | CKT # | CKT # | WIRE # CU | TRIP AMPS | CONNECTED LOAD KVA AØ | BØ | CØ | DESCRIPTION |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SALLY PORT RECEPTACLE | | | | 20 | 12 | 1 | 2 | 12 | 20 | | | | SALLY PORT OHD MOTOR |
| SALLY PORT LIGHTS | | | | 20 | 12 | 3 | 4 | 12 | 20 | | | | UH-1 |
| ELECTRIC DOOR STRIKES (7) | | | | 20 | 12 | 5 | 6 | 12 | 20 | | | | R.M.S.-1 HW PUMP |
| ELECT. RM LIGHTS | | | | 20 | 12 | 7 | 8 | 12 | 20 | | | | GENSET RECEPT |
| ELECT RM RECEPT | | | | 20 | 12 | 9 | 10 | 12 | 20 | | | | GENSET LIGHTS |
| A.T.C. PANEL | | | | 20 | 12 | 11 | 12 | 12 | 20 | | | | GENSET BATTERY CHARGER |
| EXT. RECEPTACLES | | | | 20 | 12 | 13 | 14 | 12 | 20 | | | | STAFF STAIR LIGHTS VIA LC * |
| EF-1 | | | | 20 | 12 | 15 | 16 | 12 | 20 | | | | STAFF STAIR RECEPT |
| DHWS-3 3.0KW MAINT WORK AREA | | | | 20 | 12 | 17 | 18 | 12 | 20 | | | | DIESEL TANK HEATER |
| * * | | | | 20 | 12 | 19 | 20 | - | 20 | | | | * * |
| DHWS-1 1.5KW H.K. ROOM | | | | 20 | 12 | 21 | 22 | - | 20 | | | | * * |
| EXT. LIGHTING CONTROL PANEL | | | | 20 | 12 | 23 | 24 | - | 20 | | | | EXT. SERVICE RECEPTACLES (EAST) |
| HEAT PUMP CEILING CASSETTES ** | | | | 20 | 12 | 25 | 26 | - | 20 | | | | EXT. SERVICE RECEPTACLES (WEST) |
| HEAT PUMP CEILING CASSETTES ** | | | | 20 | 12 | 27 | 28 | - | 20 | | | | CUH-1 |
| HEAT PUMP REFRIGERATION MANIFOLD BC-1-1 | | | | 20 | 12 | 29 | 30 | - | 20 | | | | CUH-2 |
| HEAT PUMP REFRIGERATION MANIFOLD BC-1-1 | | | | 20 | 12 | 31 | 32 | - | 20 | | | | HALLWAY RECEPTACLE |
| | | | | 20 | 12 | 33 | 34 | - | 20 | | | | HALLWAY RECEPTACLE |
| SPACE | | | | - | - | 35 | 36 | - | 20 | | | | MAINT OFFICE RECEPTACLE |
| - | | | | - | - | 37 | 38 | - | 20 | | | | MAINT OFFICE LIGHTS |
| - | | | | - | - | 39 | 40 | - | | | | | SPACE |
| - | | | | - | - | 41 | 42 | - | | | | | - |

NOTE: ( * ) INDICATES LIGHT RELAY PROVIDED BY A.T.C. CONTRACTOR INTERLOCKED WITH BMS - CONTROLED BY MARSHAL'S OFFICE.
NOTE: ( * * ) INDICATES CASSETTE POWER WITH INDIVIDUAL 5A FUSED DISCONNECTS. NETWORK WIRING BY A.T.C. CONTRACTOR WITH HEAT PUMP SYSTEM INTEGRATED TO BMS.

## PANEL# PP-4

LOCATION: STAFF CORR HALL 1ST FLOOR

PANEL RATING: 225 | PHASE: 3 | MAIN RATING: MLO | WIRE: 4 | VOLTAGE: 120/208V | PANEL MOUNTING: RECESSED | NUMBER OF POLES: 42 | PANEL MIN. A.I.C. RATING: 22K

| DESCRIPTION | CONNECTED LOAD KVA AØ | BØ | CØ | TRIP AMPS | WIRE # CU | CKT # | CKT # | WIRE # CU | TRIP AMPS | CONNECTED LOAD KVA AØ | BØ | CØ | DESCRIPTION |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PP-4 TECH PANEL | | | | 60 | 6 | 1 | 2 | 12 | 20 | | | | JUDGE CHAMBERS 145 RECEPT |
| * * | | | | 60 | 6 | 3 | 4 | 12 | 20 | | | | JUDGE CHAMBERS 145 LIGHTS |
| * * | | | | 60 | 6 | 5 | 6 | 12 | 20 | | | | TOILETS JUDGES AND & BREAK RECEPT |
| H20 FILLING STATION | | | | 20 | 12 | 7 | 8 | 12 | 20 | | | | CLERK OFFICE 156 RECEPT |
| DHWS-2 HEATER & PUMP 140/141/142/143 | | | | 20 | 12 | 9 | 10 | 12 | 20 | | | | CLERK OFFICE 156 LIGHTS |
| H. KEEPING 138 DHWS-1 HEATER | | | | 20 | 12 | 11 | 12 | 12 | 20 | | | | CLERK WORK 157 RECEPT |
| H. KEEPING 138 RECEPT & LIGHTING | | | | 20 | 12 | 13 | 14 | 12 | 20 | | | | CLERK WORK 157 RECEPT |
| STAFF STAIRS ST-1 LIGHT VIA LC * | | | | 20 | 12 | 15 | 16 | 12 | 20 | | | | CLERK WORK 157 RECEPT |
| STAFF STAIRS RECEPT | | | | 20 | 12 | 17 | 18 | 12 | 20 | | | | CLERK WORK 157 RECEPT |
| STAFF BREAK 136 LIGHTS | | | | 20 | 12 | 19 | 20 | 12 | 20 | | | | CLERK WORK 157 LIGHTS |
| STAFF BREAK ROOM 136 RECEPT | | | | 20 | 12 | 21 | 22 | 12 | 20 | | | | CLERK WORK WINDOW 157 RECEPT |
| STAFF BREAK ROOM 136 FRIDGE | | | | 20 | 12 | 23 | 24 | 12 | 20 | | | | CLERK WORK WINDOW 157 RECEPT |
| STAFF BREAK 136 MICROWAVE RECEPT | | | | 20 | 12 | 25 | 26 | 12 | 20 | | | | ELECTRIC DOOR STRIKES |
| CUH-4 | | | | 20 | 12 | 27 | 28 | - | 20 | | | | SPARE |
| WALL MONITOR RECEPTACLE | | | | 20 | 12 | 29 | 30 | - | 20 | | | | * * |
| FCU-4 | | | | 20 | 12 | 31 | 32 | - | 20 | | | | * * |
| FCU-4 | | | | 20 | 12 | 33 | 34 | - | 20 | | | | * * |
| SPARE | | | | 20 | - | 35 | 36 | - | - | | | | SPACE |
| - | | | | 20 | - | 37 | 38 | - | - | | | | - |
| - | | | | 20 | - | 39 | 40 | - | - | | | | - |
| - | | | | 20 | - | 41 | 42 | - | - | | | | - |

NOTE: ( * ) INDICATES LIGHT RELAY PROVIDED BY A.T.C. CONTRACTOR INTERLOCKED WITH BMS - CONTROLED BY MARSHAL'S OFFICE.

## PANEL# PP-5 TECH

LOCATION: TECH RM 119 EAST

PANEL RATING: 225 | PHASE: 3 | MAIN RATING: MLO | WIRE: 4 | VOLTAGE: 120/208V | PANEL MOUNTING: RECESSED | NUMBER OF POLES: 36 | PANEL MIN. A.I.C. RATING: 10K

| DESCRIPTION | CONNECTED LOAD KVA AØ | BØ | CØ | TRIP AMPS | WIRE # CU | CKT # | CKT # | WIRE # CU | TRIP AMPS | CONNECTED LOAD KVA AØ | BØ | CØ | DESCRIPTION |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TECH ROOM 146 RECEPT | | | | 20 | 12 | 1 | 2 | 12 | 20 | | | | COURT ROOM LIGHTS |
| JURY COURTRM #2 BENCH RECEPT | | | | 20 | 12 | 3 | 4 | 12 | 20 | | | | JURY COURTRM #2 SERVER EQUIPMENT |
| JURY COURTRM #2 BENCH RECEPT | | | | 20 | 12 | 5 | 6 | 12 | 20 | | | | * * |
| JURY COURTRM #2 BENCH WALL RECEPT | | | | 20 | 12 | 7 | 8 | 12 | 20 | | | | * * |
| JURY COURTRM #2 FLOOR RECEPT | | | | 20 | 12 | 9 | 10 | 12 | 20 | | | | ACU-3 ROOFTOP EQUIPMENT |
| JURY COURTRM #2 FLOOR RECEPT | | | | 20 | 12 | 11 | 12 | 12 | 20 | | | | ACU-3 ROOFTOP EQUIPMENT |
| JURY COURTRM #2 FLOOR RECEPT | | | | 20 | 12 | 13 | 14 | * | * | | | | SPACE |
| JURY COURTRM #2 FLOOR RECEPT | | | | 20 | 12 | 15 | 16 | - | - | | | | - |
| JURY COURTRM #2 BACK WALL RECEPT | | | | 20 | 12 | 17 | 18 | - | - | | | | - |
| JURY COURTRM #2 PRIS. SEATING RECEPT | | | | 20 | 12 | 19 | 20 | - | - | | | | - |
| JURY COURTRM #2 JURY SEATING RECEPT | | | | 20 | 12 | 21 | 22 | - | - | | | | - |
| JURY COURTRM #2 MARSHAL's AREA RECEPT | | | | 20 | 12 | 23 | 24 | - | - | | | | - |
| JURY COURTRM #2 LIGHTS | | | | 20 | 12 | 25 | 26 | - | - | | | | - |
| JURY COURTRM #2 LIGHTS | | | | 20 | 12 | 27 | 28 | - | - | | | | - |
| SPARE | | | | 20 | - | 29 | 30 | - | - | | | | - |
| * * | | | | 20 | - | 31 | 32 | - | - | | | | - |
| SPACE | | | | - | - | 33 | 34 | - | - | | | | - |
| - | | | | - | - | 35 | 36 | - | - | | | | - |

NOTE: ( * ) INDICATES LIGHT RELAY PROVIDED BY A.T.C. CONTRACTOR INTERLOCKED WITH BMS - CONTROLED BY MARSHAL'S OFFICE.

## PANEL# PP-2

LOCATION: STAFF HALLWAY 004

PANEL RATING: 225 | PHASE: 3 | MAIN RATING: MLO | WIRE: 4 | VOLTAGE: 120/208V | PANEL MOUNTING: RECESS | NUMBER OF POLES: 42 | PANEL MIN. A.I.C. RATING: 22K

| DESCRIPTION | CONNECTED LOAD KVA AØ | BØ | CØ | TRIP AMPS | WIRE # CU | CKT # | CKT # | WIRE # CU | TRIP AMPS | CONNECTED LOAD KVA AØ | BØ | CØ | DESCRIPTION |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P.H. KEEPING RECEPT & LIGHTS | | | | 20 | 12 | 1 | 2 | 12 | 20 | | | | P. HOLDING HALLWAY RECEPT. |
| P.H. AREA 1 RECEPT (WALLS) | | | | 20 | 12 | 3 | 4 | 12 | 20 | | | | P. HOLDING HALLWAY LIGHTS VAI LC * |
| P.H. AREA 1 RECEPT (WALLS) | | | | 20 | 12 | 5 | 6 | 12 | 20 | | | | P. HOLDING HALLWAY LIGHTS VIA LC * |
| P.H. AREA 1 LIGHTS VIA LC * | | | | 20 | 12 | 7 | 8 | 12 | 20 | | | | P. HOLDING HALLWAY LIGHTS VIA LC * |
| P.H. AREA 1 LIGHTS (HOLD) 025 / 026 / 027 | | | | 20 | 12 | 9 | 10 | 12 | 20 | | | | PRISONER STAIR 1 LIGHTS VIA LC * |
| FCU-1 | | | | 20 | 12 | 11 | 12 | 12 | 20 | | | | PRISONER STAIR 1 RECEPT |
| FCU-1 | | | | 20 | 12 | 13 | 14 | 12 | 20 | | | | PRISONER STAIRS 2 LIGHTS VIA LC * |
| FCU-2 | | | | 20 | 12 | 15 | 16 | 12 | 20 | | | | PRISONER STAIRS 2 RECEPT |
| FCU-2 | | | | 20 | 12 | 17 | 18 | 12 | 20 | | | | HOUSEKEEPING RECEPT & LIGHT |
| PRISONER ELEV-1 SUMP-1 | | | | 20 | 12 | 19 | 20 | 12 | 20 | | | | STAFF TOILET RECEPT & LIGHTS |
| STAFF ELEV-3 SUMP-3 | | | | 20 | 12 | 21 | 22 | 12 | 20 | | | | PRISONER DESK STATION 024 RECEPTACLE |
| PRISONER ELEV-2 SUMP PUMP-2 | | | | 20 | 12 | 23 | 24 | 12 | 20 | | | | PRISONER DESK STATION 018 RECEPTACLE |
| PUBLIC ELEV-A SUMP PUMP-4 | | | | 20 | 12 | 25 | 26 | 12 | 20 | | | | SPARE |
| P.H. AREA 1 LIGHTS (HOLD) 019 / 020 / 021 | | | | 20 | 12 | 27 | 28 | 12 | 20 | | | | SPARE |
| DHWS-1 STAFF TOILET 022 | | | | 20 | 12 | 29 | 30 | 12 | 20 | | | | SPARE |
| DHWS-2 PRISONER AREA 024 | | | | 20 | 12 | 31 | 32 | - | - | | | | SPACE |
| DHWS-2 STAFF TOILET 018 | | | | 20 | 12 | 33 | 34 | - | - | | | | - |
| SPARE | | | | - | - | 35 | 36 | - | - | | | | - |
| * * | | | | - | - | 37 | 38 | - | - | | | | - |
| * * | | | | - | - | 39 | 40 | - | - | | | | - |
| | | | | - | - | 41 | 42 | - | - | | | | - |

NOTE: ( * ) INDICATES LIGHT RELAY PROVIDED BY A.T.C. CONTRACTOR INTERLOCKED WITH BMS - CONTROLED BY MARSHAL'S OFFICE.

## PANEL# PP-4 TECH

LOCATION: TECH RM 146 WEST

PANEL RATING: 100 | PHASE: 3 | MAIN RATING: 100 | WIRE: 4 | VOLTAGE: 120/208V | PANEL MOUNTING: SURFACE | NUMBER OF POLES: 36 | PANEL MIN. A.I.C. RATING: 10K

| DESCRIPTION | CONNECTED LOAD KVA AØ | BØ | CØ | TRIP AMPS | WIRE # CU | CKT # | CKT # | WIRE # CU | TRIP AMPS | CONNECTED LOAD KVA AØ | BØ | CØ | DESCRIPTION |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TECH ROOM 146 RECEPT | | | | 20 | 12 | 1 | 2 | 12 | 20 | | | | COURT ROOM LIGHTS |
| JURY COURTRM #1 BENCH RECEPT | | | | 20 | 12 | 3 | 4 | 12 | 20 | | | | JURY COURTRM #1 SERVER EQUIPMENT |
| JURY COURTRM #1 BENCH RECEPT | | | | 20 | 12 | 5 | 6 | 12 | 20 | | | | * * |
| JURY COURTRM #1 BENCH WALL RECEPT | | | | 20 | 12 | 7 | 8 | 12 | 20 | | | | * * |
| JURY COURTRM #1 FLOOR RECEPT | | | | 20 | 12 | 9 | 10 | 12 | 20 | | | | ACU-1 ROOFTOP EQUIPMENT |
| JURY COURTRM #1 FLOOR RECEPT | | | | 20 | 12 | 11 | 12 | 12 | 20 | | | | ACU-1 ROOFTOP EQUIPMENT |
| JURY COURTRM #1 FLOOR RECEPT | | | | 20 | 12 | 13 | 14 | - | - | | | | SPACE |
| JURY COURTRM #1 BACK WALL RECEPT | | | | 20 | 12 | 15 | 16 | - | - | | | | - |
| JURY COURTRM #1 LIGHTS | | | | 20 | 12 | 17 | 18 | - | - | | | | - |
| JURY COURTRM #1 LIGHTS | | | | 20 | 12 | 19 | 20 | - | - | | | | - |
| SPARE | | | | 20 | - | 21 | 22 | - | - | | | | - |
| * * | | | | 20 | - | 23 | 24 | - | - | | | | - |
| * * | | | | 20 | - | 25 | 26 | - | - | | | | - |
| SPACE | | | | - | - | 27 | 28 | - | - | | | | - |
| - | | | | - | - | 29 | 30 | - | - | | | | - |
| - | | | | - | - | 31 | 32 | - | - | | | | - |
| - | | | | - | - | 33 | 34 | - | - | | | | - |
| - | | | | - | - | 35 | 36 | - | - | | | | - |

NOTE: ( * ) INDICATES LIGHT RELAY PROVIDED BY A.T.C. CONTRACTOR INTERLOCKED WITH BMS - CONTROLED BY MARSHAL'S OFFICE.

## PANEL# PP-6

LOCATION: LOBBY 1ST FLR WEST

PANEL RATING: 225 | PHASE: 3 | MAIN RATING: MLO | WIRE: 4 | VOLTAGE: 120/208V | PANEL MOUNTING: RECESSED | NUMBER OF POLES: 42 | PANEL MIN. A.I.C. RATING: 22K

| DESCRIPTION | CONNECTED LOAD KVA AØ | BØ | CØ | TRIP AMPS | WIRE # CU | CKT # | CKT # | WIRE # CU | TRIP AMPS | CONNECTED LOAD KVA AØ | BØ | CØ | DESCRIPTION |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MAIL ROOM RECEPTS & LIGHTS | | | | 20 | 12 | 1 | 2 | 12 | 20 | | | | D.A. SUITE 106 RECEPT |
| SCREENING LIGHTS 103 VIA LC * | | | | 20 | 12 | 3 | 4 | 12 | 20 | | | | D.A. SUITE 106 LIGHTS |
| SCREENING RECEPT | | | | 20 | 12 | 5 | 6 | 12 | 20 | | | | CONFERENCE ROOM 108 RECEPT |
| ENTRANCE CANOPY 102 LIGHTS VIA LC * | | | | 20 | 12 | 7 | 8 | 12 | 20 | | | | DA OFFICE 107 RECEPT |
| EXIT & ENTRANCE VESTIBULE LIGHTS VIA LV * | | | | 20 | 12 | 9 | 10 | 12 | 20 | | | | DA OFFICE & CONFERENCE LIGHTS |
| QUEUING 103 LIGHTS VIA LC * | | | | 20 | 12 | 11 | 12 | 12 | 20 | | | | PUBLIC STAIR ST-3 LIGHT VIA LC * |
| QUEUING 103 RECEPT | | | | 20 | 12 | 13 | 14 | 12 | 20 | | | | PUBLIC STAIR ST-3 RECEPT |
| FIRE ALARM PANEL 103 RECEPT | | | | 20 | 12 | 15 | 16 | 12 | 20 | | | | HEAT PUMP CEILING CASSETTES ** |
| LOBBY 104 LIGHTS VIA LC * | | | | 20 | 12 | 17 | 18 | 12 | 20 | | | | HEAT PUMP CEILING CASSETTES ** |
| LOBBY 104 RECEPT | | | | 20 | 12 | 19 | 20 | 12 | 20 | | | | HEAT PUMP REFRIGERATION MANIFOLD BC-2-2 |
| LOBBY 104 RECEPT | | | | 20 | 12 | 21 | 22 | 12 | 20 | | | | HEAT PUMP REFRIGERATION MANIFOLD BC-2-2 |
| SECURITY OFFICE/WORK 105 RECEPT | | | | 20 | 12 | 23 | 24 | 12 | 20 | | | | HEAT PUMP CEILING CASSETTES ** |
| SECURITY OFFICE/WORK 105 LIGHTS | | | | 20 | 12 | 25 | 26 | 12 | 20 | | | | HEAT PUMP CEILING CASSETTES ** |
| CUH-5 PUBLIC STAIR 1 | | | | 20 | 12 | 27 | 28 | 12 | 20 | | | | HEAT PUMP REFRIGERATION MANIFOLD BC-3-2 |
| PUBLIC STAIR 1 RECEPTACLE | | | | 20 | 12 | 29 | 30 | 12 | 20 | | | | HEAT PUMP REFRIGERATION MANIFOLD BC-3-2 |
| FCU-3 QUEUING | | | | 20 | 12 | 31 | 32 | - | 20 | | | | SPARE |
| FCU-3 QUEUING | | | | 20 | 12 | 33 | 34 | - | 20 | | | | SPARE |
| ELECTRIC DOOR STRIKES (5) | | | | 20 | 12 | 35 | 36 | - | 20 | | | | SPARE |
| SPACE | | | | - | - | 37 | 38 | - | 20 | | | | SPARE |
| - | | | | - | - | 39 | 40 | - | | | | | SPACE |
| - | | | | - | - | 41 | 42 | - | - | | | | - |

NOTE: ( * ) INDICATES LIGHT RELAY PROVIDED BY A.T.C. CONTRACTOR INTERLOCKED WITH BMS - CONTROLED BY MARSHAL'S OFFICE.
NOTE: ( * * ) INDICATES CASSETTE POWER WITH INDIVIDUAL 5A FUSED DISCONNECTS. NETWORK WIRING BY A.T.C. CONTRACTOR WITH HEAT PUMP SYSTEM INTEGRATED TO BMS.

## PANEL# PP-3

LOCATION: HALLWAYS 004

PANEL RATING: 225 | PHASE: 3 | MAIN RATING: MLO | WIRE: 4 | VOLTAGE: 120/208V | PANEL MOUNTING: RECESS | NUMBER OF POLES: 42 | PANEL MIN. A.I.C. RATING: 22K

| DESCRIPTION | CONNECTED LOAD KVA AØ | BØ | CØ | TRIP AMPS | WIRE # CU | CKT # | CKT # | WIRE # CU | TRIP AMPS | CONNECTED LOAD KVA AØ | BØ | CØ | DESCRIPTION |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GENERAL STORAGE RECEPT & LIGHTS 013 | | | | 20 | 12 | 1 | 2 | 12 | 20 | | | | HALLWAY 004 RECEPT |
| FILES ROOM RECEPT & LIGHTS 015 | | | | 20 | 12 | 3 | 4 | 12 | 15 | | | | HALLWAY 004 LIGHTS |
| EVIDENCE RM 016 RECEPT & LIGHTS | | | | 20 | 12 | 5 | 6 | 12 | 20 | | | | SECURE GARAGE 012RECEPT |
| STAFF T/SHOWER 010 RECEPT/LIGHTS | | | | 20 | 12 | 7 | 8 | 12 | 20 | | | | SECURE GARAGE 012 LIGHTS |
| MARSHAL 006 RECEPT/LIGHT | | | | 20 | 12 | 9 | 10 | 12 | 20 | | | | SECURE GARAGE 012 UH-2 |
| MARSHAL 008 RECEPT/LIGHT | | | | 20 | 12 | 11 | 12 | 12 | 20 | | | | SECURE GARAGE 012 OHD MOTOR |
| DHWS-3 STAFF T / SHOWER 010 | | | | 20 | 12 | 13 | 14 | 12 | 20 | | | | SECURE GARAGE 012 OHD MOTOR |
| DHWS-3 STAFF T / SHOWER 010 | | | | 20 | 12 | 15 | 16 | 12 | 20 | | | | SECURE GARAGE 012 OHD MOTOR |
| ELECTRIC DOOR STRIKES (6) | | | | 20 | 12 | 17 | 18 | 12 | 20 | | | | SECURE GARAGE 012 OHD MOTOR |
| ELECTRIC DOOR STRIKES (5) | | | | 20 | 12 | 19 | 20 | 12 | 20 | | | | SECURE GARAGE 012 OHD MOTOR |
| HEAT PUMP CEILING CASSETTES ** | | | | 20 | 12 | 21 | 22 | 12 | 20 | | | | EXIT STAIR ST-6 LIGHTS VIA LC * |
| HEAT PUMP CEILING CASSETTES ** | | | | 20 | 12 | 23 | 24 | 12 | 20 | | | | EXIT STAIR ST-6 RECEPT |
| HEAT PUMP REFRIGERATION MANIFOLD BC-1-2 | | | | 20 | 12 | 25 | 26 | 12 | 20 | | | | EXIT STAIR ST-6 CUH-3 |
| HEAT PUMP REFRIGERATION MANIFOLD BC-1-2 | | | | 20 | 12 | 27 | 28 | 12 | 20 | | | | SECURE GARAGE 012 EF-2 |
| SPARE | | | | 20 | | 29 | 30 | | 20 | | | | SPARE |
| SPARE | | | | 20 | | 31 | 32 | - | - | | | | SPACE |
| SPACE | | | | | | 33 | 34 | - | - | | | | - |
| * * | | | | | | 35 | 36 | - | - | | | | - |
| * * | | | | | | 37 | 38 | - | - | | | | - |
| * * | | | | | | 39 | 40 | - | - | | | | - |
| * * | | | | | | 41 | 42 | - | - | | | | - |

NOTE: ( * ) INDICATES LIGHT RELAY PROVIDED BY A.T.C. CONTRACTOR INTERLOCKED WITH BMS - CONTROLED BY MARSHAL'S OFFICE.
NOTE: ( * * ) INDICATES CASSETTE POWER WITH INDIVIDUAL 5A FUSED DISCONNECTS. NETWORK WIRING BY A.T.C. CONTRACTOR WITH HEAT PUMP SYSTEM INTEGRATED TO BMS.

## PANEL# PP-5

LOCATION: STAFF CORR HALL 1ST FLOOR

PANEL RATING: 225 | PHASE: 3 | MAIN RATING: MLO | WIRE: 4 | VOLTAGE: 120/208V | PANEL MOUNTING: RECESSED | NUMBER OF POLES: 42 | PANEL MIN. A.I.C. RATING: 22K

| DESCRIPTION | CONNECTED LOAD KVA AØ | BØ | CØ | TRIP AMPS | WIRE # CU | CKT # | CKT # | WIRE # CU | TRIP AMPS | CONNECTED LOAD KVA AØ | BØ | CØ | DESCRIPTION |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PP-5 TECH PANEL | | | | 60 | 6 | 1 | 2 | 12 | 20 | | | | STAFF CORRIDOR 157 RECEPT |
| * * | | | | 60 | 6 | 3 | 4 | 12 | 20 | | | | STAFF CORRIDOR 157 LIGHTS |
| * * | | | | 60 | 6 | 5 | 6 | 12 | 20 | | | | TOILET 122 RECEPT & LIGHTS |
| CLERKS WORK AREA RECEPT | | | | 20 | 12 | 7 | 8 | 12 | 20 | | | | JUDGE TOILETS 135 / 136 RECEPTACLES |
| CLERKS WORK AREA LIGHTS | | | | 20 | 12 | 9 | 10 | 12 | 20 | | | | JUDGE CHAMBERS 133 LIGHTS |
| | | | | 20 | 12 | 11 | 12 | 12 | 20 | | | | JUDGE CHAMBERS 133 RECEPTACLES |
| FCU 3 | | | | 20 | 12 | 13 | 14 | 12 | 20 | | | | JUDGE CHAMBERS 133 DHWS-1 |
| * * | | | | 20 | 12 | 15 | 16 | 12 | 20 | | | | JUDGE CHAMBERS 138 LIGHTS |
| MOM'S 132 RECEPTACLE & LIGHT | | | | 20 | 12 | 17 | 18 | 12 | 20 | | | | JUDGE CHAMBERS 138 RECEPTACLES |
| MOM'S 132 DHWS-1 | | | | 20 | 12 | 19 | 20 | 12 | 20 | | | | JUDGE CHAMBERS 138 DHWS-1 |
| DHW HEATER & PUMP | | | | 20 | 12 | 21 | 22 | 12 | 20 | | | | JURY ROOM 123 RECEPT |
| JURY ROOM 123 DHW HEATER DHWS-1 | | | | 20 | 12 | 23 | 24 | 12 | 20 | | | | JURY ROOM 123 COUNTER RECEPTACLE |
| JURY ROOM TOILETS 121/122 DHWS-2 | | | | 20 | 12 | 25 | 26 | 12 | 20 | | | | JURY ROOM 123 FRIDGE |
| HEAT PUMP CEILING CASSETTES ** | | | | 20 | 12 | 27 | 28 | 12 | 20 | | | | JURY ROOM 123 MICROWAVE |
| HEAT PUMP CEILING CASSETTES ** | | | | 20 | 12 | 29 | 30 | 12 | 20 | | | | JURY ROOM 123 LIGHTS |
| HEAT PUMP REFRIGERATION MANIFOLD BC-2-1 | | | | 20 | 12 | 31 | 32 | 12 | 20 | | | | JURY TOILETS & MARSHAL 121 / 122 RECEPT |
| HEAT PUMP REFRIGERATION MANIFOLD BC-2-1 | | | | 20 | 12 | 33 | 34 | 12 | 20 | | | | JURY TOILETS & MARSHAL 121 /122 LIGHTS |
| SPARE | | | | 20 | | 35 | 36 | | 20 | | | | SPARE |
| * * | | | | 20 | | 37 | 38 | | 20 | | | | * * |
| * * | | | | 20 | - | 39 | 40 | | 20 | | | | * * |
| SPACE | | | | - | - | 41 | 42 | - | - | | | | SPACE |

NOTE: ( * ) INDICATES LIGHT RELAY PROVIDED BY A.T.C. CONTRACTOR INTERLOCKED WITH BMS - CONTROLED BY MARSHAL'S OFFICE.
NOTE: ( * * ) INDICATES CASSETTE POWER WITH INDIVIDUAL 5A FUSED DISCONNECTS. NETWORK WIRING BY A.T.C. CONTRACTOR WITH HEAT PUMP SYSTEM INTEGRATED TO BMS.

## PANEL# PP-7

LOCATION: LOBBY 1ST FLR WEST

PANEL RATING: 225 | PHASE: 3 | MAIN RATING: MLO | WIRE: 4 | VOLTAGE: 120/208V | PANEL MOUNTING: RECESSED | NUMBER OF POLES: 42 | PANEL MIN. A.I.C. RATING: 22K

| DESCRIPTION | CONNECTED LOAD KVA AØ | BØ | CØ | TRIP AMPS | WIRE # CU | CKT # | CKT # | WIRE # CU | TRIP AMPS | CONNECTED LOAD KVA AØ | BØ | CØ | DESCRIPTION |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CONFERENCE ROOM 107 RECEPT | | | | 20 | 12 | SPACE | 2 | 12 | 20 | | | | LOBBY EAST 104 RECEPTACLES |
| CONFERENCE ROOM 110 RECEPT | | | | 20 | 12 | 3 | 4 | 12 | 20 | | | | LOBBY EAST 104 LIGHTS VIA LC * |
| CONFERENCE ROOM 109/110/111/112 LIGHTS | | | | 20 | 12 | 5 | 6 | 12 | 20 | | | | MEN'S 124 / WOMEN'S 130 RECEPTACLES |
| POLICE WORK/FIN SCR 113 / 114 LIGHTS | | | | 20 | 12 | 7 | 8 | 12 | 20 | | | | MEN'S/PVT. WD 131 LIGHTS |
| POLICE WORK/FIN SCR 113 RECEPT | | | | 20 | 12 | 9 | 10 | 12 | 20 | | | | WOMEN'S/PVT. WD 130 LIGHTS |
| FIN SCRE OFFICE 114 RECEPT | | | | 20 | 12 | 11 | 12 | 12 | 20 | | | | INTERVIEW/TOILETS LIGHTS VIA LC * |
| JURY CHECK-IN & VESTIBULE & 116 RECEPTACLES | | | | 20 | 12 | 13 | 14 | 12 | 20 | | | | INTERVIEW/TOILETS 127 / 128 / 129 RECEPTACLES |
| JURY CHECK-IN 115 LIGHT | | | | 20 | 12 | 15 | 16 | 12 | 20 | | | | PRISONER TOILET/CRM HOLD LIGHTS VIA LC * |
| LOBBY DCW STATION | | | | 20 | 12 | 17 | 18 | 12 | 20 | | | | SPARE |
| HEAT PUMP CEILING CASSETTES ** | | | | 20 | 12 | 19 | 20 | - | 20 | | | | SPARE |
| HEAT PUMP CEILING CASSETTES ** | | | | 20 | 12 | 21 | 22 | - | 20 | | | | SPARE |
| HEAT PUMP REFRIGERATION MANIFOLD BC-3-1 | | | | 20 | 12 | 23 | 24 | - | 20 | | | | SPARE |
| HEAT PUMP REFRIGERATION MANIFOLD BC-3-1 | | | | 20 | 12 | 25 | 26 | - | 20 | | | | SPARE |
| SPARE | | | | 20 | 12 | 27 | 28 | - | - | | | | - |
| - | | | | - | - | 29 | 30 | - | - | | | | - |
| - | | | | - | - | 31 | 32 | - | - | | | | - |
| - | | | | - | - | 33 | 34 | - | - | | | | - |
| - | | | | - | - | 35 | 36 | - | - | | | | - |
| - | | | | - | - | 37 | 38 | - | - | | | | - |
| - | | | | - | - | 39 | 40 | - | - | | | | - |
| - | | | | - | - | 41 | 42 | - | - | | | | - |

NOTE: ( * ) INDICATES LIGHT RELAY PROVIDED BY A.T.C. CONTRACTOR INTERLOCKED WITH BMS - CONTROLED BY MARSHAL'S OFFICE.
NOTE: ( * * ) INDICATES CASSETTE POWER WITH INDIVIDUAL 5A FUSED DISCONNECTS. NETWORK WIRING BY A.T.C. CONTRACTOR WITH HEAT PUMP SYSTEM INTEGRATED TO BMS.


Armstrong Engineering
Mechanical / Electrical Design Consultants
94 Presque Isle Street, Fort Fairfield, Maine 04742
Phone: (207) 473-7117 Fax: (207) 476-5621



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- ☐ FOR PRELIMINARY REVIEW
- ■ FOR PROJECT BIDDING
- ☐ FOR PROJECT CONSTRUCTION
- ☐ RECORD DRAWINGS

STATE OF MAINE — JEFFREY M. ARMSTRONG No. 5372 — LICENSED PROFESSIONAL ENGINEER

HANCOCK JUDICIAL CENTER
45 MERRILL LANE
ELLSWORTH, MAINE

Construction Project

| REV | DATE | DESCRIPTION |
|---|---|---|
| | | |
| | | |
| | | |
| | | |
| | | |

SCALE: NTS

E1.6

SHEET TITLE: ELECTRICAL PANEL SCHEDULES

DATE: MAY 01, 2026

PROJECT#25015

For: PROJECT BIDDING

## PANEL# PP-8

PANEL RATING: 225 | PHASE: 3
MAIN RATING: MLO | WIRE: 4
LOCATION: STAFF CORRIDOR WEST | VOLTAGE: 120/208V | PANEL MOUNTING: RECESSED
NUMBER OF POLES: 42 | PANEL MIN. A.I.C. RATING: 22K

| DESCRIPTION | CONNECTED LOAD KVA AØ | CONNECTED LOAD KVA BØ | CONNECTED LOAD KVA CØ | TRIP AMPS | WIRE # CU | CKT # | CKT # | WIRE # CU | TRIP AMPS | CONNECTED LOAD KVA AØ | CONNECTED LOAD KVA BØ | CONNECTED LOAD KVA CØ | DESCRIPTION |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PP-8 TECH PANEL | | | | 60 | 6 | 1 | 2 | 12 | 20 | | | | JUDGES CHAMBERS 249 RECEPTACLES |
| " " | | | | 60 | 6 | 3 | 4 | 12 | 20 | | | | JUDGES CHAMBERS 249 LIGHTS |
| " " | | | | 60 | 6 | 5 | 6 | 12 | 20 | | | | TOILETS JUDGES 249 RECEPT & LIGHTS |
| MARSHALL SECURITY 243 RECEPT | | | | 20 | 12 | 7 | 8 | 12 | 20 | | | | JUDGES CHAMBERS 249 DHWS-1 |
| MARSHALL SECURITY 243 RECEPT | | | | 20 | 12 | 9 | 10 | 12 | 20 | | | | TOILETS JUDICIAL CONF. 244/245/246 DHWS-2 |
| MARSHALL BREAK 243 RECEPT | | | | 20 | 12 | 11 | 12 | 12 | 20 | | | | TOILETS JUDICIAL CONF. 244/245/246 RECEPT |
| MARSHALL SECURITY 243 RECEPT | | | | 20 | 12 | 13 | 14 | 12 | 20 | | | | TOILETS JUDICIAL CONFERENCE LIGHTS |
| MARSHALL BREAK 243 MICROWAVE RECEPT | | | | 20 | 12 | 15 | 16 | 12 | 20 | | | | JUDICIAL CONF.244/245/246 LIGHTS |
| MARSHALL SECURITY 243 FRIG. RECEPT | | | | 20 | 12 | 17 | 18 | 12 | 20 | | | | JUDICIAL CONF.244/245/246 DHWS-2 |
| TEMP OFFICE 240 LIGHTS & RECEPTACLES | | | | 20 | 12 | 19 | 20 | 12 | 20 | | | | STAFF CORRIDOR 236 WEST RECEPT |
| H20 FILL STATION HALLWAY | | | | 20 | 12 | 21 | 22 | 12 | 20 | | | | STAFF CORRIDOR 236 WEST LIGHTS |
| ELECTRIC DOOR STRIKES (5) | | | | 20 | 12 | 23 | 24 | 12 | 20 | | | | MARSHAL & H.K. RECEPT |
| HEAT PUMP CASSETTES * * | | | | 20 | 12 | 25 | 26 | 12 | 20 | | | | MARSHAL & H.K. LIGHTS |
| HEAT PUMP CASSETTES * * | | | | 20 | 12 | 27 | 28 | - | 20 | | | | SPARE |
| HEAT PUMP REFRIGERATION MANIFOLD BC-4-1 | | | | 20 | 12 | 29 | 30 | - | 20 | | | | " " |
| HEAT PUMP REFRIGERATION MANIFOLD BC-4-1 | | | | 20 | 12 | 31 | 32 | - | 20 | | | | " " |
| SPACE | | | | - | - | 33 | 34 | - | 20 | | | | " " |
| - | | | | - | - | 35 | 36 | - | 20 | | | | " " |
| - | | | | - | - | 37 | 38 | - | - | | | | SPACE |
| - | | | | - | - | 39 | 40 | - | - | | | | - |
| - | | | | - | - | 41 | 42 | - | - | | | | - |

**NOTE: ( * ) INDICATES LIGHT RELAY PROVIDED BY A.T.C. CONTRACTOR INTERLOCKED WITH BMS - CONTROLED BY MARSHAL'S OFFICE.**
NOTE: ( * * ) INDICATES CASSETTE POWER WITH INDIVIDUAL 5A FUSED DISCONNECTS. NETWORK WIRING BY A.T.C. CONTRACTOR WITH HEAT PUMP SYSTEM INTEGRATED INTO BMS.

## PANEL# PP-9 TECH

PANEL RATING: 225 | PHASE: 3
MAIN RATING: MLO | WIRE: 4
LOCATION: TECH RM 216 EAST | VOLTAGE: 120/208V | PANEL MOUNTING: RECESSED
NUMBER OF POLES: 36 | PANEL MIN. A.I.C. RATING: 10K

| DESCRIPTION | CONNECTED LOAD KVA AØ | CONNECTED LOAD KVA BØ | CONNECTED LOAD KVA CØ | TRIP AMPS | WIRE # CU | CKT # | CKT # | WIRE # CU | TRIP AMPS | CONNECTED LOAD KVA AØ | CONNECTED LOAD KVA BØ | CONNECTED LOAD KVA CØ | DESCRIPTION |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TECH ROOM 216 RECEPT | | | | 20 | 12 | 1 | 2 | 12 | 20 | | | | COURT ROOM LIGHTS |
| JURY COURTRM #4 BENCH RECEPT | | | | 20 | 12 | 3 | 4 | 12 | 20 | | | | JURY COURTRM #4 SERVER EQUIPMENT |
| JURY COURTRM #4 BENCH RECEPT | | | | 20 | 12 | 5 | 6 | 12 | 20 | | | | " " |
| JURY COURTRM #4 BENCH WALL RECEPT | | | | 20 | 12 | 7 | 8 | 12 | 20 | | | | " " |
| JURY COURTRM #4 FLOOR RECEPT | | | | 20 | 12 | 9 | 10 | 12 | 20 | | | | ACU-4 ROOFTOP EQUIPMENT |
| JURY COURTRM #4 FLOOR RECEPT | | | | 20 | 12 | 11 | 12 | 12 | 20 | | | | ACU-4 ROOFTOP EQUIPMENT |
| JURY COURTRM #4 FLOOR RECEPT | | | | 20 | 12 | 13 | 14 | - | - | | | | SPACE |
| JURY COURTRM #4 FLOOR RECEPT | | | | 20 | 12 | 15 | 16 | - | - | | | | - |
| JURY COURTRM #4 BACK WALL RECEPT | | | | 20 | 12 | 17 | 18 | - | - | | | | - |
| JURY COURTRM #4 PRIS. SEATING RECEPT | | | | 20 | 12 | 19 | 20 | - | - | | | | - |
| JURY COURTRM #4 JURY SEATING RECEPT | | | | 20 | 12 | 21 | 22 | - | - | | | | - |
| JURY COURTRM #4 MARSHAL's AREA RECEPT | | | | 20 | 12 | 23 | 24 | - | - | | | | - |
| JURY COURTRM #4 LIGHTS | | | | 20 | 12 | 25 | 26 | - | - | | | | - |
| JURY COURTRM #4 LIGHTS | | | | 20 | 12 | 27 | 28 | - | - | | | | - |
| SPARE | | | | 20 | - | 29 | 30 | - | - | | | | - |
| * * | | | | 20 | - | 31 | 32 | - | - | | | | - |
| SPACE | | | | - | - | 33 | 34 | - | - | | | | - |
| - | | | | - | - | 35 | 36 | - | - | | | | - |

NOTE: ( * ) INDICATES LIGHT RELAY PROVIDED BY A.T.C. CONTRACTOR INTERLOCKED WITH BMS - CONTROLED BY MARSHAL'S OFFICE.

## PANEL# EV-208

PANEL RATING 400 | PHASE: 3
MAIN RATING: 400 | WIRE: 4
LOCATION: MECH RM 014 | VOLTAGE: 120/208V | PANEL MOUNTING: SURFACE
NUMBER OF POLES 36 | PANEL MIN. A.I.C. RATING: 42K

| DESCRIPTION | CONNECTED LOAD KVA AØ | CONNECTED LOAD KVA BØ | CONNECTED LOAD KVA CØ | TRIP AMPS | WIRE # CU | CKT # | CKT # | WIRE # CU | TRIP AMPS | CONNECTED LOAD KVA AØ | CONNECTED LOAD KVA BØ | CONNECTED LOAD KVA CØ | DESCRIPTION |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EVCS-1 | | | | 60 | 6 | 1 | 2 | 6 | 60 | | | | EVCS-2 |
| " " | | | | 60 | 6 | 3 | 4 | 6 | 60 | | | | " " |
| " " | | | | 60 | 6 | 5 | 6 | 6 | 60 | | | | " " |
| EVCS-3 | | | | 60 | 6 | 7 | 8 | 6 | 60 | | | | EVCS-4 |
| " " | | | | 60 | 6 | 9 | 10 | 6 | 60 | | | | " " |
| " " | | | | 60 | 6 | 11 | 12 | 6 | 60 | | | | " " |
| EVCS-5 | | | | 60 | 6 | 13 | 14 | 6 | 60 | | | | EVCS-0 |
| " " | | | | 60 | 6 | 15 | 16 | 6 | 60 | | | | " " |
| " " | | | | 60 | 6 | 17 | 18 | 6 | 60 | | | | " " |
| SPARE | | | | 60 | 6 | 19 | 20 | 6 | 60 | | | | SPARE |
| " " | | | | 60 | 6 | 21 | 22 | 6 | 60 | | | | " " |
| " " | | | | 60 | 6 | 23 | 24 | 6 | 60 | | | | " " |
| SPACE | | | | | | 25 | 26 | | | | | | SPACE |
| " " | | | | | | 27 | 28 | | | | | | " " |
| " " | | | | | | 29 | 30 | | | | | | " " |
| | | | | | | 31 | 32 | | | | | | |
| | | | | | | 33 | 34 | | | | | | |
| | | | | | | 35 | 36 | - | - | | | | |
| | | | | | | | | - | - | | | | |
| | | | | | | | | - | - | | | | |
| | | | | | | | | - | - | | | | |

NOTE: ( * ) INDICATES LIGHT RELAY PROVIDED BY A.T.C. CONTRACTOR INTERLOCKED WITH BMS - CONTROLED BY MARSHAL'S OFFICE.

## PANEL# PP-8 TECH

PANEL RATING: 100 | PHASE: 3
MAIN RATING: 100 | WIRE: 4
LOCATION: TECH RM 250 WEST | VOLTAGE: 120/208V | PANEL MOUNTING: SURFACE
NUMBER OF POLES: 36 | PANEL MIN. A.I.C. RATING: 10K

| DESCRIPTION | CONNECTED LOAD KVA AØ | CONNECTED LOAD KVA BØ | CONNECTED LOAD KVA CØ | TRIP AMPS | WIRE # CU | CKT # | CKT # | WIRE # CU | TRIP AMPS | CONNECTED LOAD KVA AØ | CONNECTED LOAD KVA BØ | CONNECTED LOAD KVA CØ | DESCRIPTION |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TECH ROOM 146 RECEPT | | | | 20 | 12 | 1 | 2 | 12 | 20 | | | | COURT ROOM LIGHTS |
| JURY COURTRM #3 BENCH RECEPT | | | | 20 | 12 | 3 | 4 | 12 | 20 | | | | JURY COURTRM #3 SERVER EQUIPMENT |
| JURY COURTRM #3 BENCH RECEPT | | | | 20 | 12 | 5 | 6 | 12 | 20 | | | | " " |
| JURY COURTRM #3 BENCH WALL RECEPT | | | | 20 | 12 | 7 | 8 | 12 | 20 | | | | " " |
| JURY COURTRM #3 FLOOR RECEPT | | | | 20 | 12 | 9 | 10 | 12 | 20 | | | | ACU-3 ROOFTOP EQUIPMENT |
| JURY COURTRM #3 FLOOR RECEPT | | | | 20 | 12 | 11 | 12 | 12 | 20 | | | | ACU-3 ROOFTOP EQUIPMENT |
| JURY COURTRM #3 FLOOR RECEPT | | | | 20 | 12 | 13 | 14 | - | - | | | | SPACE |
| JURY COURTRM #3 BACK WALL RECEPT | | | | 20 | 12 | 15 | 16 | - | - | | | | - |
| JURY COURTRM #3 LIGHTS | | | | 20 | 12 | 17 | 18 | - | - | | | | - |
| JURY COURTRM #3 LIGHTS | | | | 20 | 12 | 19 | 20 | - | - | | | | - |
| SPARE | | | | 20 | - | 21 | 22 | - | - | | | | - |
| * * | | | | 20 | - | 23 | 24 | - | - | | | | - |
| * * | | | | 20 | - | 25 | 26 | - | - | | | | - |
| SPACE | | | | - | - | 27 | 28 | - | - | | | | - |
| - | | | | - | - | 29 | 30 | - | - | | | | - |
| - | | | | - | - | 31 | 32 | - | - | | | | - |
| - | | | | - | - | 33 | 34 | - | - | | | | - |
| - | | | | - | - | 35 | 36 | - | - | | | | - |

NOTE: ( * ) INDICATES LIGHT RELAY PROVIDED BY A.T.C. CONTRACTOR INTERLOCKED WITH BMS - CONTROLED BY MARSHAL'S OFFICE.

## PANEL# PP-10

PANEL RATING: 225 | PHASE: 3
MAIN RATING: MLO | WIRE: 4
LOCATION: LOBBY 2ND FLR WEST | VOLTAGE: 120/208V | PANEL MOUNTING: RECESSED
NUMBER OF POLES: 42 | PANEL MIN. A.I.C. RATING: 22K

| DESCRIPTION | CONNECTED LOAD KVA AØ | CONNECTED LOAD KVA BØ | CONNECTED LOAD KVA CØ | TRIP AMPS | WIRE # CU | CKT # | CKT # | WIRE # CU | TRIP AMPS | CONNECTED LOAD KVA AØ | CONNECTED LOAD KVA BØ | CONNECTED LOAD KVA CØ | DESCRIPTION |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NON-JURY COURTROOM 3 VEST 252 RECEPT | | | | 20 | 12 | 1 | 2 | 12 | 20 | | | | MEDIATION RM 202 RECEPT |
| H.K. 254 /INTVW/CRM RECEPTACLES | | | | 20 | 12 | 3 | 4 | 12 | 20 | | | | MEDIATION RM 202 LIGHTS |
| REMOTE CLERK 239 RECEPT | | | | 20 | 12 | 5 | 6 | 12 | 20 | | | | CONF. RM 203 LIGHTS |
| VENDING 238 RECEPT | | | | 20 | 12 | 7 | 8 | 12 | 20 | | | | CONF. RM 203 RECEPTACLES |
| VENDING 238 RECEPT | | | | 20 | 12 | 9 | 10 | 12 | 20 | | | | LOBBY 201 WEST RECEPT |
| TEMP OFFICE RECEPT | | | | 20 | 12 | 11 | 12 | 12 | 20 | | | | LOBBY 201 WEST RECEPT |
| TEMP OFFICE/REMOTE CLERK/VENDING LIGHTS | | | | 20 | 12 | 13 | 14 | 12 | 20 | | | | LOBBY 201 WEST LIGHTS |
| H.K.254 /INTERVW LIGHTS | | | | 20 | 12 | 15 | 16 | 12 | 20 | | | | LOBBY 201 WEST LIGHTS |
| H.K.254 DHWS-1 | | | | 20 | 12 | 17 | 18 | 12 | 20 | | | | PUBLIC DEFEND 204 / OFFICE 205 LIGHTS |
| C.R.M. PRIS. STAIR 1 LIGHTS VIA LC * | | | | 20 | 12 | 19 | 20 | 12 | 20 | | | | PUBLIC DEFEND SUITE 204 RECEPTS |
| PUBLIC STAIR ST-1 LIGHTS VIA LC * | | | | 20 | 12 | 21 | 22 | | 20 | | | | PUBLIC DEFEND OFFICE 205 RECEPTS |
| PUBLIC STAIR ST-1 RECEPTALCE | | | | 20 | 12 | 23 | 24 | | 20 | | | | CONFERENCE 206 RECEPT |
| ELECTRIC DOOR STRIKES (6) | | | | 20 | 12 | 25 | 26 | | 20 | | | | CONFERENCE 208 RECEPT |
| H.K.254 / PRISONERS DHW DHWS-2 | | | | 20 | 12 | 27 | 28 | | 20 | | | | CONFERENCE 206 & 208 LIGHTS |
| HEAT PUMP CASSETTES * * | | | | 20 | 12 | 29 | 30 | - | 20 | | | | SPARE |
| HEAT PUMP CASSETTES * * | | | | 20 | 12 | 31 | 32 | - | 20 | | | | * * |
| HEAT PUMP REFRIGERATION MANIFOLD BC-4-2 | | | | 20 | 12 | 33 | 34 | - | 20 | | | | * * |
| HEAT PUMP REFRIGERATION MANIFOLD BC-4-2 | | | | 20 | 12 | 35 | 36 | - | | | | | * * |
| SPACE | | | | - | - | 37 | 38 | - | - | | | | SPACE |
| - | | | | - | - | 39 | 40 | - | - | | | | - |
| - | | | | - | - | 41 | 42 | - | - | | | | - |

NOTE: ( * ) INDICATES LIGHT RELAY PROVIDED BY A.T.C. CONTRACTOR INTERLOCKED WITH BMS - CONTROLED BY MARSHAL'S OFFICE.

NOTE: ( * * ) INDICATES CASSETTE POWER WITH INDIVIDUAL 5A FUSED DISCONNECTS. NETWORK WIRING BY A.T.C. CONTRACTOR WITH HEAT PUMP SYSTEM INTEGRATED INTO BMS.

## PANEL# PP-9

PANEL RATING: 225 | PHASE: 3
MAIN RATING: MLO | WIRE: 4
LOCATION: STAFF CORR EAST | VOLTAGE: 120/208V | PANEL MOUNTING: RECESSED
NUMBER OF POLES: 42 | PANEL MIN. A.I.C. RATING: 22K

| DESCRIPTION | CONNECTED LOAD KVA AØ | CONNECTED LOAD KVA BØ | CONNECTED LOAD KVA CØ | TRIP AMPS | WIRE # CU | CKT # | CKT # | WIRE # CU | TRIP AMPS | CONNECTED LOAD KVA AØ | CONNECTED LOAD KVA BØ | CONNECTED LOAD KVA CØ | DESCRIPTION |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PP-9 TECH PANEL | | | | 60 | 6 | 1 | 2 | 12 | 20 | | | | JUDGES CHAMBERS 232 RECEPT |
| " " | | | | 60 | 6 | 3 | 4 | 12 | 20 | | | | JUDGES CHAMBERS 232 RECEPT |
| " " | | | | 60 | 6 | 5 | 6 | 12 | 20 | | | | JUDGES CHAMBERS 232 LIGHTS |
| STAFF CORRIDOR RECEPT | | | | 20 | 12 | 7 | 8 | 12 | 20 | | | | JUDGES CHAMBERS 232 DHWS-1 |
| STAFF CORRIDOR LIGHTS | | | | 20 | 12 | 9 | 10 | 12 | 20 | | | | JUDGES CHAMBERS TOILET LIGHTS & RECET 234 |
| MULTI-USE RECEPT | | | | 20 | 12 | 11 | 12 | 12 | 20 | | | | JURY ROOM 220 RECEPT |
| MULTI-USE LIGHTS | | | | 20 | 12 | 13 | 14 | 12 | 20 | | | | JURY ROOM 220 LIGHTS |
| DEPOSITION RECEPT | | | | 20 | 12 | 15 | 16 | 12 | 20 | | | | JURY ROOM 220 COUNTER RECEPT |
| DEPOSITION RECEPT | | | | 20 | 12 | 17 | 18 | 12 | 20 | | | | JURY ROOM 220 FRIDGE |
| DEPOSITION SIGN & LIGHTS | | | | 20 | 12 | 19 | 20 | 12 | 20 | | | | JURY ROOM 220 MICROWAVE |
| ELECTRIC DOOR STRIKES (7) | | | | 20 | 12 | 21 | 22 | 12 | 20 | | | | TOILETS/MARSHAL 210 / 216 RECEPT |
| HEAT PUMP CASSETTES * * | | | | 20 | 12 | 23 | 24 | 12 | 20 | | | | TOILETS/MARSHAL 210 / 216 LIGHTS |
| HEAT PUMP CASSETTES * * | | | | 20 | 12 | 25 | 26 | 12 | 20 | | | | STAFF STAIR ST-5 LIGHTS VIA LC * |
| HEAT PUMP REFRIGERATION MANIFOLD BC-5-1 | | | | 20 | 12 | 27 | 28 | 12 | 20 | | | | STAFF STAIR ST-5 RECEPTACLE |
| HEAT PUMP REFRIGERATION MANIFOLD BC-5-1 | | | | 20 | 12 | 29 | 30 | 12 | 20 | | | | STAFF CONF. 235 RECEPTACLE |
| SPARE | | | | 20 | - | 31 | 32 | 12 | 20 | | | | STAFF CONF. 235 RECEPTACLE |
| * * | | | | 20 | - | 33 | 34 | 12 | 20 | | | | STAFF CONF. 235 LIGHTS |
| * * | | | | 20 | - | 35 | 36 | - | - | | | | SPACE |
| SPACE | | | | - | - | 37 | 38 | - | - | | | | - |
| - | | | | - | - | 39 | 40 | - | - | | | | - |
| - | | | | - | - | 41 | 42 | - | - | | | | - |

NOTE: ( * ) INDICATES LIGHT RELAY PROVIDED BY A.T.C. CONTRACTOR INTERLOCKED WITH BMS - CONTROLED BY MARSHAL'S OFFICE.

NOTE: ( * * ) INDICATES CASSETTE POWER WITH INDIVIDUAL 5A FUSED DISCONNECTS. NETWORK WIRING BY A.T.C. CONTRACTOR WITH HEAT PUMP SYSTEM INTEGRATED INTO BMS.

## PANEL# PP-11

PANEL RATING: 225 | PHASE: 3
MAIN RATING: MLO | WIRE: 4
LOCATION: LOBBY 2ND FLR EAST | VOLTAGE: 120/208V | PANEL MOUNTING: RECESSED
NUMBER OF POLES: 42 | PANEL MIN. A.I.C. RATING: 22K

| DESCRIPTION | CONNECTED LOAD KVA AØ | CONNECTED LOAD KVA BØ | CONNECTED LOAD KVA CØ | TRIP AMPS | WIRE # CU | CKT # | CKT # | WIRE # CU | TRIP AMPS | CONNECTED LOAD KVA AØ | CONNECTED LOAD KVA BØ | CONNECTED LOAD KVA CØ | DESCRIPTION |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CONFERENCE ROOM 207 RECEPT | | | | 20 | 12 | 1 | 2 | 12 | 20 | | | | LOBBY EAST 201 RECEPT |
| CONFERENCE ROOM 208 RECEPT | | | | 20 | 12 | 3 | 4 | 12 | 20 | | | | LOBBY EAST 201 RECEPT |
| CONFERENCE ROOM 207 & 208 LIGHTS | | | | 20 | 12 | 5 | 6 | 12 | 20 | | | | LOBBY EAST 201 LIGHTS |
| CONFERENCE ROOM 209/210/211 LIGHTS | | | | 20 | 12 | 7 | 8 | 12 | 20 | | | | LOBBY EAST 201 LIGHTS |
| CONFERENCE ROOM 209 RECEPT | | | | 20 | 12 | 9 | 10 | 12 | 20 | | | | JURY 4 VESTIBULE 213/ 214 MOM'S RECEPT |
| CONFERENCE ROOM 210 RECEPTALCES | | | | 20 | 12 | 11 | 12 | 12 | 20 | | | | JURY 4 VESTIBULE/MOM'S LIGHTS |
| ATTORNEYS 21 RECEPT | | | | 20 | 12 | 13 | 14 | 12 | 20 | | | | MEN'S 229 RECEPT |
| LOBBY 201 LIGHTS VIA LC * | | | | 20 | 12 | 15 | 16 | 12 | 20 | | | | WOMEN'S 228 RECEPT |
| LOBBY 201 LIGHTS VIA LC * | | | | 20 | 12 | 17 | 18 | 12 | 20 | | | | TOILET 227 / 226 RECEPT |
| LOBBY 201 RECEPTACLES | | | | 20 | 12 | 19 | 20 | 12 | 20 | | | | INVW/CRM HOLD 225 / 226 / 227 RECEPT |
| LOBBY 201 RECEPTACLES | | | | 20 | 12 | 21 | 22 | 12 | 20 | | | | INVW/CRM HOLD LIGHTS |
| H20 STATION | | | | 20 | 12 | 23 | 24 | 12 | 20 | | | | CRM HOLDING 221 RECEPT |
| ELECTRICAL DOOR STRIKES (2) | | | | 20 | 12 | 25 | 26 | 12 | 20 | | | | CRM HOLDING 221 LIGHTS VIA LC * |
| HEAT PUMP CASSETTES * * | | | | 20 | 12 | 27 | 28 | 12 | 20 | | | | EXIT STAIR ST-6 LIGHTS VIA LC * |
| HEAT PUMP CASSETTES * * | | | | 20 | 12 | 29 | 30 | 12 | 20 | | | | MOM'S ROOM 212 RECEPT |
| HEAT PUMP REFRIGERATION MANIFOLD BC-5-2 | | | | 20 | 12 | 31 | 32 | 12 | 20 | | | | MOM'S ROOM 212 LIGHTS |
| HEAT PUMP REFRIGERATION MANIFOLD BC-5-2 | | | | 20 | 12 | 33 | 34 | 12 | 20 | | | | MOM'S 212 DHWS |
| HEAT PUMP CASSETTES * * | | | | 20 | 12 | 35 | 36 | - | 20 | | | | SPARE |
| HEAT PUMP CASSETTES * * | | | | 20 | 12 | 37 | 38 | - | 20 | | | | * * |
| HEAT PUMP REFRIGERATION MANIFOLD BC-5-3 | | | | 20 | 12 | 39 | 40 | - | 20 | | | | * * |
| HEAT PUMP REFRIGERATION MANIFOLD BC-5-3 | | | | 20 | 12 | 41 | 42 | - | - | | | | SPACE |

NOTE: ( * ) INDICATES LIGHT RELAY PROVIDED BY A.T.C. CONTRACTOR INTERLOCKED WITH BMS - CONTROLED BY MARSHAL'S OFFICE.

NOTE: ( * * ) INDICATES CASSETTE POWER WITH INDIVIDUAL 5A FUSED DISCONNECTS. NETWORK WIRING BY A.T.C. CONTRACTOR WITH HEAT PUMP SYSTEM INTEGRATED INTO BMS.


Armstrong Engineering
Mechanical / Electrical Design Consultants
94 Presque Isle Street, Fort Fairfield, Maine 04742
Phone: (207) 473-7117 Fax: (207) 476-5621



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- ☐ FOR PROJECT CONSTRUCTION
- ☐ RECORD DRAWINGS

STATE OF MAINE — JEFFREY M. ARMSTRONG No. 5372 — LICENSED PROFESSIONAL ENGINEER

# HANCOCK JUDICIAL CENTER
45 MERRILL LANE
ELLSWORTH, MAINE

Construction Project

| REV | DATE | DESCRIPTION |
|---|---|---|
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SCALE: NTS

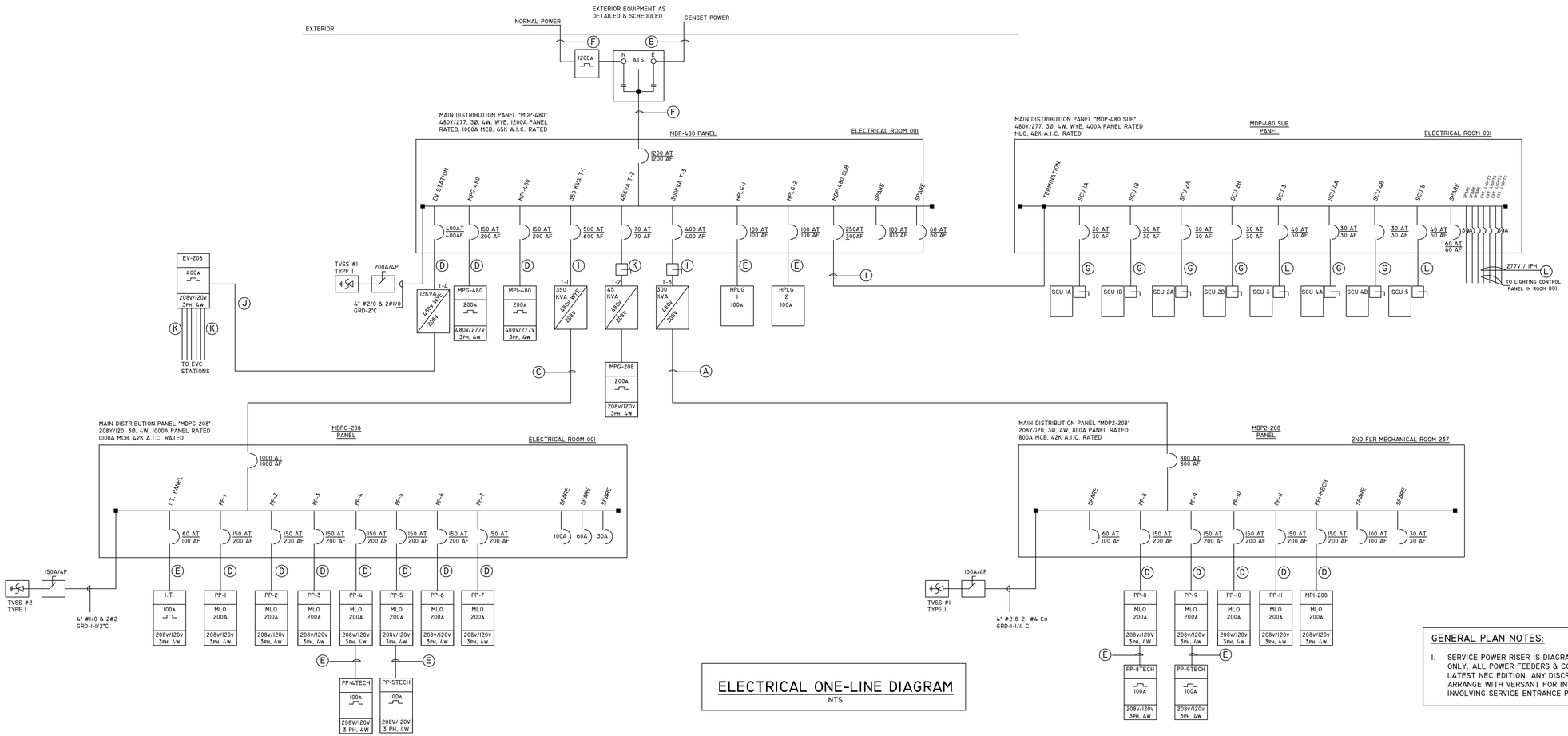
E1.7

SHEET TITLE: ELECTRICAL PANEL SCHEDULES

DATE: MAY 01, 2026

PROJECT#2501:15

For: PROJECT BIDDING




## ELECTRICAL ONE-LINE DIAGRAM
NTS

### GENERAL PLAN NOTES:

1. SERVICE POWER RISER IS DIAGRAMMATICAL AND IS INTENDED FOR BIDDING PURPOSES ONLY. ALL POWER FEEDERS & CONDUITS SHALL BE SIZED IN ACCORDANCE WITH THE LATEST NEC EDITION. ANY DISCREPANCIES SHALL BE REPORTED TO ENGINEER. ARRANGE WITH VERSANT FOR INSTALLATION GUIDELINES & METHODS & STANDARDS INVOLVING SERVICE ENTRANCE POWER.

### WIRE FEED & CONDUIT SIZE NOTES:

- (A) 3 - #300KCMIL CU IN 3.5" CONDUIT (4 SETS) PLUS CU GRD. 800A
- (B) 2 - #250KCMIL CU IN 3" CONDUIT (4 SETS) PLUS CU GRD. 500A
- (C) 3 - #400KCMIL CU IN 4" CONDUIT (4 SETS) PLUS CU GRD. 1000A
- (D) 4 - #4/0 CU IN 2 ½" CONDUIT (1 SET) PLUS CU GRD. 225A
- (E) 4 - #1 CU IN 1 ½" CONDUIT (1 SET) PLUS CU GRD. 125A
- (F) VERSANT POWER SHALL DETERMINE APPROVE FEEDER WIRE CONDUCTORS AND CONDUIT SIZES. 4- 350KCMIL CU IN 4" C (4 SETS)
- (G) 3 - #10 CU & 1 - #12 CU GRD 1 ¼" C (35A)
- (H) 3 - #12 CU IN ¾" C (25A)
- (I) 2 - #4/0 CU IN 3" CONDUIT (4 SETS) PLUS CU GRD. 400A
- (J) 4 - #350KCMIL CU & 1-#300 KCMIL CU GRD IN 3" CONDUIT (1 SET) 300A
- (K) 4 - #4 CU & 1-#6 CU GRD IN 1-1/2" CONDUIT (1 SET) 70A
- (L) 4 - #8 CU & 1-#10 CU GRD IN 1-1/4" CONDUIT (1 SET) 40A

### PLAN NOTES

### RISER DIAGRAM PLAN NOTES:

1. NEW ELECTRICAL SERVICE POWER POLES PROVIDED & INSTALLED BY VERSANT POWER. 1000KVA PAS MOUNTED TRANSFORMER PROVIDED BY VERSANT AND PRIMARY CONDUCTORS BY VERSANT. THIS CONTRACTOR TO PROVIDE SECONDARY CONDUCTORS TO ACCOMMODATE NEW 480V/277 WYE, 1200 AMP SERVICE. ALL POLE & U.G. WIRING SHALL MEET OR EXCEED CENTRAL MAINE POWER STANDARDS. REFER TO CMP DETAIL DRAWING.
2. CT CABINET SURFACE MOUNTED, WITH DIGITAL POWER CONSUMPTION METER. UNIT SIZE: APPROXIMATELY 4'LxW'x18"D
3. NEW PAD MOUNTED 1000KVA TRANSFORMER, SECONDARY 480V, 3PH, WYE TYPE, 4 WIRE, PROVIDED BY VERSANTPOWER. PROVIDE APPROVED CONCRETE U.G. VAULT TO MEET VERSANT POWER STANDARDS. POWER METER SHALL BE SURFACE MOUNTED.
4. NEW ENTRANCE SERVICE RATED A.T.S., 1200 AMP, 600V RATED, TYPE 3R PAINTED ENCLOSURE, FREE STANDING, FLOOR MOUNTED. UNIT SIZE: 36"W72"Hx20"D. PROVIDE SERVICE U.G. CONCRETE VAULT WITH SOLID COVER. VAULT TO VERSANT POWER STANDARDS.
5. NEW DIESEL GENSET. PROVIDE NECESSARY U.G. POWER CONDUCTORS TO A.T.S. ALONG WITH SUPPORTING POWER FOR BATTERY CHARGER, BLOCK HEATER, REMOTE ANNUNCIATER, AND REMOTE UNIT CONTROLS. PROVIDE FACTORY START UP. CONCRETE PAD BY G.C. COORDINATE WITH MECHANICAL CONTRACTOR & OTHER TRADES FOR READY DIESEL. UNIT SIZE: APPROXIMATELY 16'9"Lx6'Wx103"H.
6. PRIMARY POWER SERVICE TO BE IN A CONCRETE UNDER PAVED ROAD AND DRIVE WAYS. SEE VERSANT POWER DETAIL DRAWING.

Armstrong Engineering
Mechanical / Electrical Design Consultants
94 Presque Isle Street, Fort Fairfield, Maine 04742
Phone: (207) 473-7117 Fax: (207) 476-5621

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STATE OF MAINE — JEFFREY M. ARMSTRONG No. 5372 — LICENSED PROFESSIONAL ENGINEER

HANCOCK JUDICIAL CENTER
45 MERRILL LANE
ELLSWORTH, MAINE
Construction Project

| REV | DATE | DESCRIPTION |
|---|---|---|
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SCALE: NTS

E2.1

SHEET TITLE: POWER DISTRIBUTION ONE LINE DIAGRAM

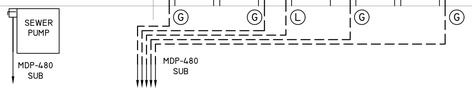
DATE: MAY 01, 2026

PROJECT#2501:15

For: PROJECT BIDDING

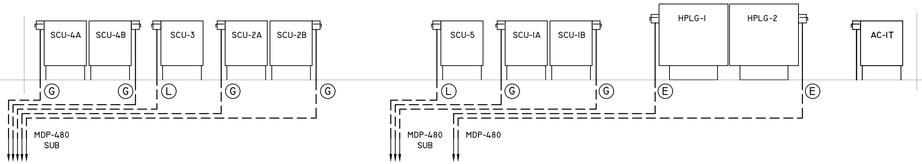
## EFFLUENT EQUIPMENT

N.T.S.



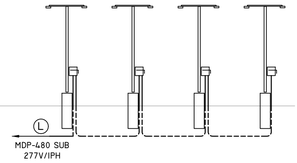

## ELECTRICAL OUTDOOR HVAC EQUIPMENT

N.T.S.




## ELECTRICAL OUTDOOR LIGHTING

N.T.S.




### WIRE FEED & CONDUIT SIZE NOTES:

- (A) 3 - #300Kcmil Cu in 3.5" conduit (4 sets) Plus Cu Grd. 800A
- (B) 2 - #250Kcmil Cu in 3" conduit (4 sets) Plus Cu Grd. 500A
- (C) 3 - #400Kcmil Cu in 4" conduit (4 sets) Plus Cu Grd. 1000A
- (D) 4 - #4/0 Cu in 2 ½" conduit (1 set) Plus Cu Grd. 225A
- (E) 4 - #1 Cu in 1 ½" conduit (1 set) Plus Cu Grd. 125A
- (F) Versant Power shall determine approve feeder wire conductors and conduit sizes. 4- 350Kcmil Cu in 4" C (4 sets)
- (G) 3 - #10 Cu & 1 - #12 Cu Grd 1 ¼" C (35A)
- (H) 3 - #12 Cu in ¾" C (25A)
- (I) 2 - #4/0 Cu in 3" conduit (4 sets) Plus Cu Grd. 400A
- (J) 4 - #350Kcmil Cu & 1-#300 Kcmil Cu Grd in 3" conduit (1 set) 300A
- (K) 4 - #4 Cu & 1-#6 Cu Grd in 1-1/2" conduit (1 set) 70A
- (L) 4 - #8 Cu & 1-#10 Cu Grd in 1-1/4" conduit (1 set) 40A

### PLAN NOTES

### RISER DIAGRAM PLAN NOTES:

1. NEW ELECTRICAL SERVICE POWER POLES PROVIDED & INSTALLED BY VERSANT POWER. 1000KVA PAS MOUNTED TRANSFORMER PROVIDED BY VERSANT AND PRIMARY CONDUCTORS BY VERSANT. THIS CONTRACTOR TO PROVIDE SECONDARY CONDUCTORS TO ACCOMMODATE NEW 480V/277 WYE, 1200 AMP SERVICE. ALL POLE & U.G. WIRING SHALL MEET OR EXCEED CENTRAL MAINE POWER STANDARDS. REFER TO CMP DETAIL DRAWING.
2. CT CABINET SURFACE MOUNTED, WITH DIGITAL POWER CONSUMPTION METER. UNIT SIZE: APPROXIMATELY 4'L x4'W x18"D
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4. NEW ENTRANCE SERVICE RATED A.T.S., 1200 AMP, 600V RATED, TYPE 3R PAINTED ENCLOSURE, FREE STANDING, FLOOR MOUNTED. UNIT SIZE: 36"Wx72"Hx20"D. PROVIDE SERVICE U.G. CONCRETE VAULT WITH SOLID COVER. VAULT TO VERSANT POWER STANDARDS.
5. NEW DIESEL GENSET. PROVIDE NECESSARY U.G. POWER CONDUCTORS TO A.T.S. ALONG WITH SUPPORTING POWER FOR BATTERY CHARGER, BLOCK HEATER, REMOTE ANNUNCIATER, AND REMOTE UNIT CONTROLS. PROVIDE FACTORY START UP. CONCRETE PAD BY G.C. COORDINATE WITH MECHANICAL CONTRACTOR & OTHER TRADES FOR READY DIESEL. UNIT SIZE: APPROXIMATELY 16'9"L x6'Wx103"H.
6. PRIMARY POWER SERVICE TO BE IN A CONCRETE UNDER PAVED ROAD AND DRIVE WAYS. SEE VERSANT POWER DETAIL DRAWING.




## ELECTRICAL POWER RISER DIAGRAM

N.T.S.

### GENERAL PLAN NOTES:

1. SERVICE POWER RISER IS DIAGRAMMATICAL AND IS INTENDED FOR BIDDING PURPOSES ONLY. ALL POWER FEEDERS & CONDUITS SHALL BE SIZED IN ACCORDANCE WITH THE LATEST NEC EDITION. ANY DISCREPANCIES SHALL BE REPORTED TO ENGINEER. ARRANGE WITH VERSANT FOR INSTALLATION GUIDELINES & METHODS & STANDARDS INVOLVING SERVICE ENTRANCE POWER.

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HANCOCK JUDICIAL CENTER
45 MERRILL LANE
ELLSWORTH, MAINE

Construction Project

| REV | DATE | DESCRIPTION |
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SCALE: NTS

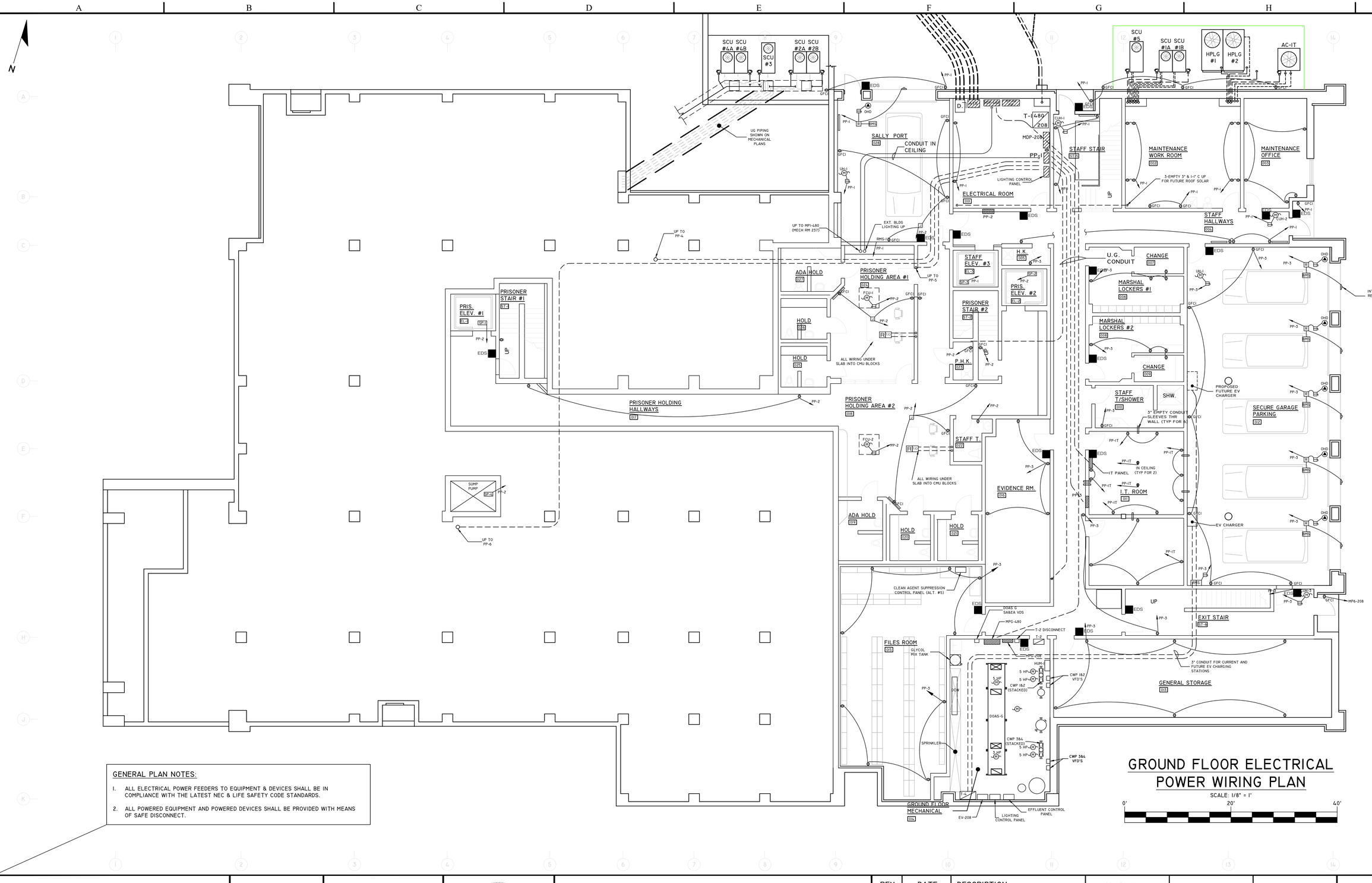
E2.2

SHEET TITLE: POWER DISTRIBUTION RISER DIAGRAM

DATE: MAY 01, 2026

PROJECT#2501:15

For: PROJECT BIDDING




## GENERAL PLAN NOTES:

1. ALL ELECTRICAL POWER FEEDERS TO EQUIPMENT & DEVICES SHALL BE IN COMPLIANCE WITH THE LATEST NEC & LIFE SAFETY CODE STANDARDS.
2. ALL POWERED EQUIPMENT AND POWERED DEVICES SHALL BE PROVIDED WITH MEANS OF SAFE DISCONNECT.

# GROUND FLOOR ELECTRICAL POWER WIRING PLAN

SCALE: 1/8" = 1'

0' 20' 40'

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Mechanical / Electrical Design Consultants
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JEFFREY M. ARMSTRONG No. 5372 LICENSED PROFESSIONAL ENGINEER STATE OF MAINE

HANCOCK JUDICIAL CENTER
45 MERRILL LANE
ELLSWORTH, MAINE

Construction Project

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SCALE: 1/8" = 1'
0' 12'

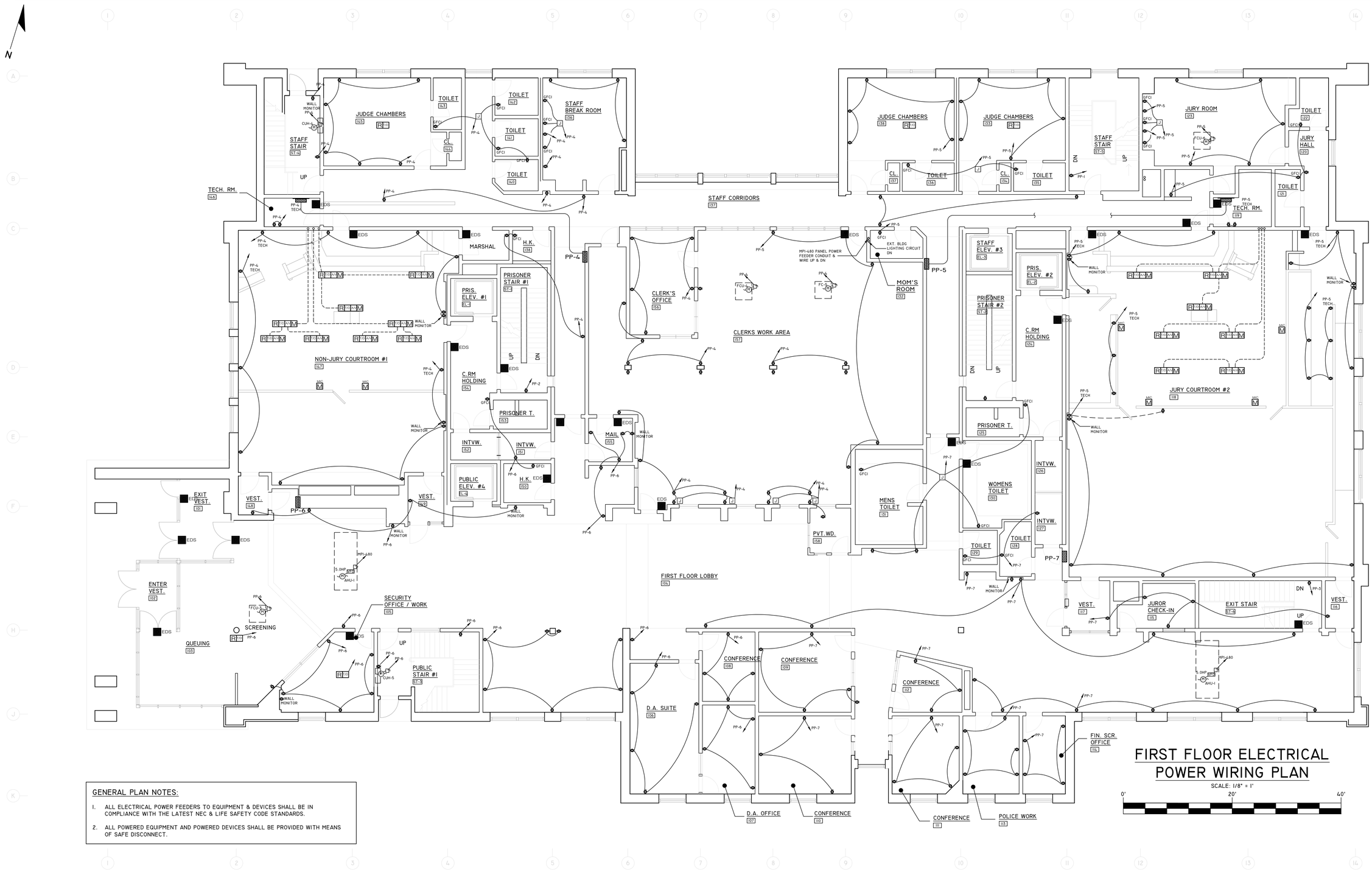
E3.1

SHEET TITLE: ELECTRICAL POWER GROUND FLOOR

DATE: MAY 01, 2026

PROJECT#2501.15

For: PROJECT BIDDING




# FIRST FLOOR ELECTRICAL POWER WIRING PLAN

SCALE: 1/8" = 1'

0' 20' 40'

## GENERAL PLAN NOTES:

1. ALL ELECTRICAL POWER FEEDERS TO EQUIPMENT & DEVICES SHALL BE IN COMPLIANCE WITH THE LATEST NEC & LIFE SAFETY CODE STANDARDS.
2. ALL POWERED EQUIPMENT AND POWERED DEVICES SHALL BE PROVIDED WITH MEANS OF SAFE DISCONNECT.

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ELLSWORTH, MAINE

Construction Project

| REV | DATE | DESCRIPTION |
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SCALE: 1/8" = 1'
0' 12'

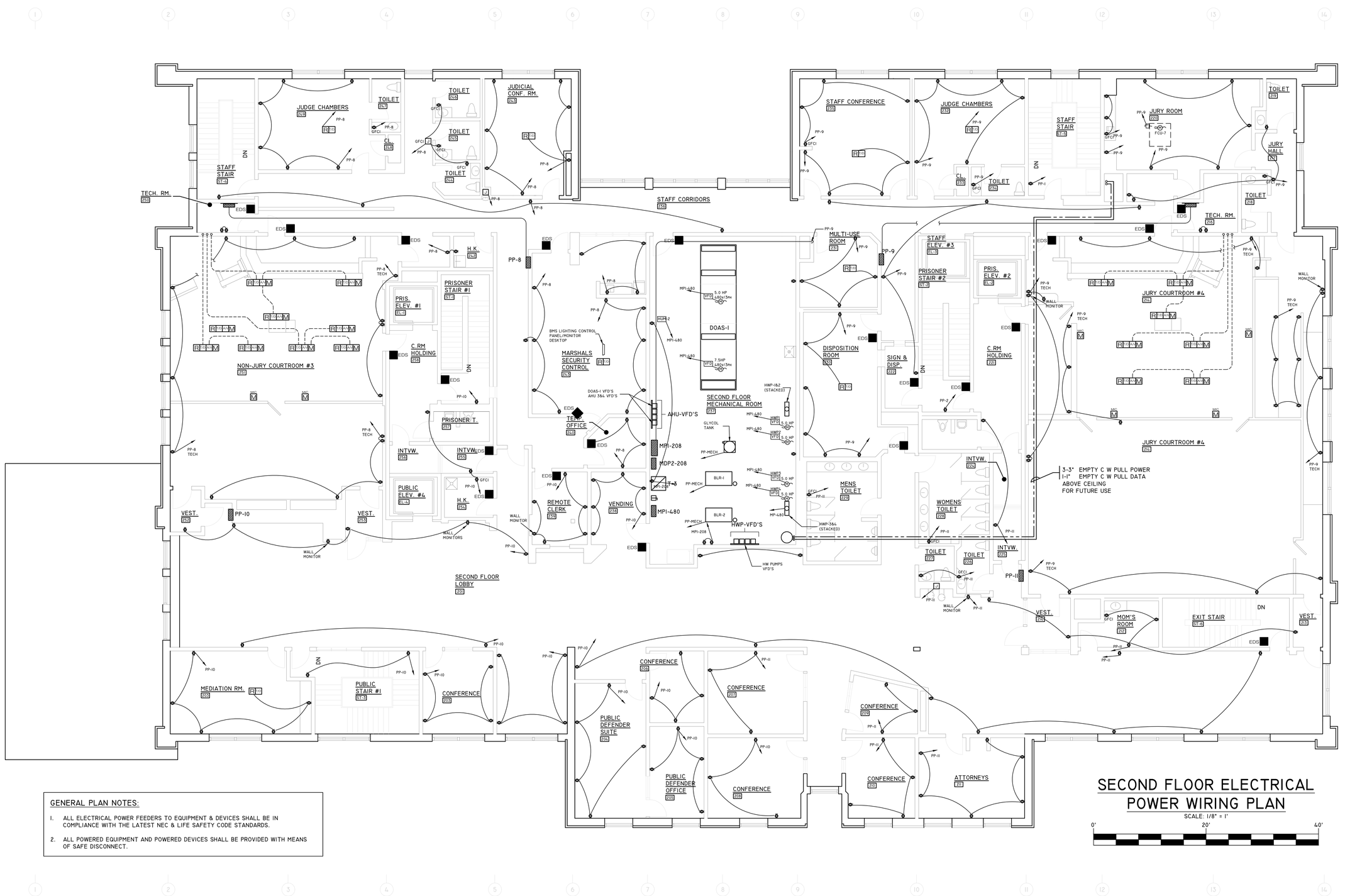
E3.2

SHEET TITLE: ELECTRICAL POWER FIRST FLOOR

DATE: MAY 01, 2026

PROJECT#2501.15

For: PROJECT BIDDING




## GENERAL PLAN NOTES:

1. ALL ELECTRICAL POWER FEEDERS TO EQUIPMENT & DEVICES SHALL BE IN COMPLIANCE WITH THE LATEST NEC & LIFE SAFETY CODE STANDARDS.
2. ALL POWERED EQUIPMENT AND POWERED DEVICES SHALL BE PROVIDED WITH MEANS OF SAFE DISCONNECT.

# SECOND FLOOR ELECTRICAL POWER WIRING PLAN

SCALE: 1/8" = 1'

0' 20' 40'

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STATE OF MAINE · JEFFREY M. ARMSTRONG · No. 5372 · LICENSED PROFESSIONAL ENGINEER

HANCOCK JUDICIAL CENTER
45 MERRILL LANE
ELLSWORTH, MAINE

Construction Project

| REV | DATE | DESCRIPTION |
|---|---|---|
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SCALE: 1/8" = 1'
0' 12'

E3.3

SHEET TITLE: ELECTRICAL POWER SECOND FLOOR

DATE: MAY 01, 2026

PROJECT#2501.15

For: PROJECT BIDDING

# LIGHTING PLAN LEGEND

## Light Fixtures

| | | |
|---|---|---|
| A | | 2' x 2' RECESSED TROFFER LIGHT FIXTURE |
| B | | 4' SURFACE MOUNTED WRAP-LENSE FIXTURE |
| C | | 4' SURFACE MOUNTED GARAGE BAY FIXTURE |
| D | | 1' x 4' RECESSED CONFINEMENT GRADE FIXTURE |
| F | | SURFACE MOUNTED LIGHT FIXTURES |
| G | | SMALL PENDANT LIGHT FIXTURES |
| H | | LARGE PENDANT LIGHT FIXTURES |
| J | | CABLE-HUNG LINEAR DIRECT / INDIRECT LIGHT FIXTURES |
| RI | | RECESSED DOWNLIGHT |
| R2 | | WALL-WASHER RECESSED DOWNLIGHT |
| S | | SCONCE - WALL MOUNTED LIGHT FIXTURE |
| V | | VANITY - WALL MOUNTED LIGHT FIXTURE |
| XI | | EXTERIOR RECESSED CEILING LIGHT FIXTURE |
| X2 | | EXTERIOR WALL MOUNTED LIGHT FIXTURE |

FIXTURES WITH DARK OBJECT HAS BATTERY BACKUP.

ROOFTOP
ACU-1 ACU-2
PIPE CURB

ACU POWERED BY RESPECTIVE TECH ROOM PANELS (TYP FOR ALL)

ROOFTOP
ACU-3 ACU-4
PIPE CURB

RFV-1 MPI-208
5HP ECM

RV-1

RV-2

5HP MPI-208
EF-3 ECM
RV-3

RFV-2 MPI-208
5HP ECM

S

MPI-208

5HP
AHU-3
VFD
MPI-480

AHU-4
5HP
VFD
MPI-480

LIGHT SWITCH GANG
Sp Sp Sp Sp Sp

GENERAL PLAN NOTES:

1. ALL ELECTRICAL POWER FEEDERS TO EQUIPMENT & DEVICES SHALL BE IN COMPLIANCE WITH THE LATEST NEC & LIFE SAFETY CODE STANDARDS.
2. ALL POWERED EQUIPMENT AND POWERED DEVICES SHALL BE PROVIDED WITH MEANS OF SAFE DISCONNECT.

# ATTIC LEVEL ELECTRICAL POWER & LIGHTING PLAN

SCALE: 1/8" = 1'
0' 20' 40'


Armstrong Engineering
Mechanical / Electrical Design Consultants
94 Presque Isle Street, Fort Fairfield, Maine 04742
Phone: (207) 473-7117 Fax: (207) 476-5621



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- ☐ FOR PROJECT CONSTRUCTION
- ☐ RECORD DRAWINGS

STATE OF MAINE
JEFFREY M. ARMSTRONG
No. 5372
LICENSED
PROFESSIONAL ENGINEER

HANCOCK JUDICIAL CENTER
45 MERRILL LANE
ELLSWORTH, MAINE

Construction Project

| REV | DATE | DESCRIPTION |
|---|---|---|
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SCALE: 1/8" = 1'
0' 12'

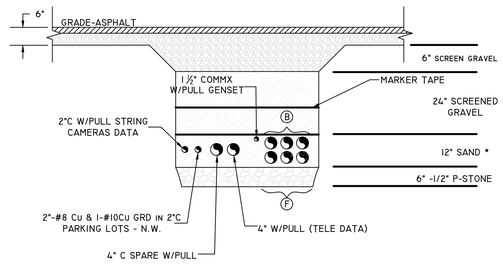
E3.4

SHEET TITLE:
ELECTRICAL POWER & LIGHTING ATTIC LEVEL

DATE: MAY 01, 2026

PROJECT#2501.15

For: PROJECT BIDDING



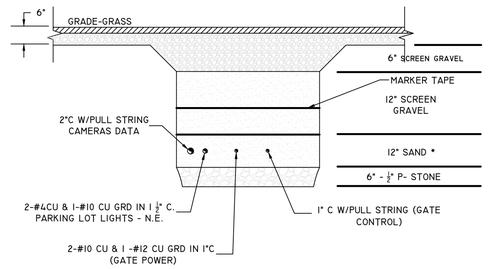

## TRENCH DETAIL (TD-1)

SCALE: NTS

* (IF UNDER DRIVE/ROAD WAYS, PROVIDE CONDUITS ENCASED IN 12" CONCRETE)

Ⓑ 2 - #250Kcmil CU in 3" CONDUIT (4 SETS) Plus Cu Grd. 500A

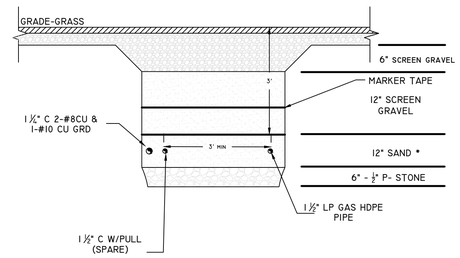
Ⓕ VERSANT POWER SHALL DETERMINE APPROVE FEEDER WIRE CONDUCTORS AND CONDUIT SIZES. 4- 350KCMIL CU IN 4" C (4 SETS)




## TRENCH DETAIL (TD-2)

SCALE: NTS

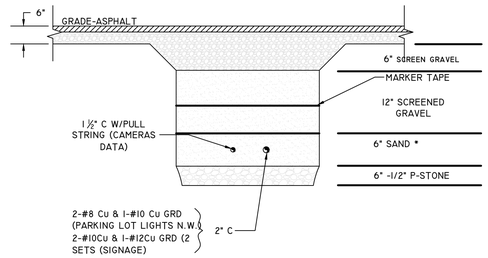
* (IF UNDER DRIVE/ROAD WAYS, PROVIDE CONDUITS ENCASED IN 8" CONCRETE)




## TRENCH DETAIL (TD-3)

SCALE: NTS

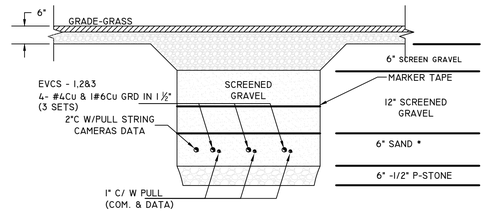
* (IF UNDER DRIVE/ROAD WAYS, PROVIDE CONDUITS ENCASED IN 8" CONCRETE)




## TRENCH DETAIL (TD-4)

SCALE: NTS

* (IF UNDER DRIVE/ROAD WAYS, PROVIDE CONDUITS ENCASED IN 8" CONCRETE)

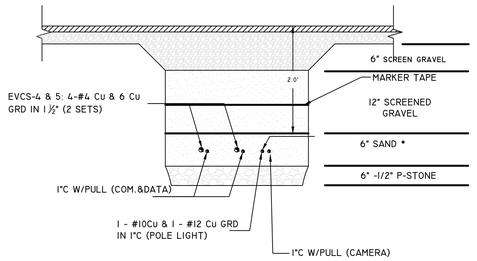



## TRENCH A-A

ELECTRICAL VEHICLE CHARGING STATION (EVCS 1, 2, & 3)

SCALE: NTS

* (IF UNDER DRIVE/ROAD WAYS, PROVIDE CONDUITS ENCASED IN 8" CONCRETE)

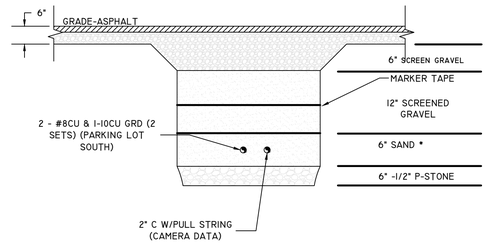



## TRENCH B-B

ELECTRICAL VEHICLE CHARGING STATION (EVCS 4 & 5)

SCALE: NTS

* (IF UNDER DRIVE/ROAD WAYS, PROVIDE CONDUITS ENCASED IN 8" CONCRETE)




## TRENCH C-C

PARKING LOT & CAMERAS DATA (SOUTH)

SCALE: NTS

* (IF UNDER DRIVE/ROAD WAYS, PROVIDE CONDUITS ENCASED IN 8" CONCRETE)

WIRE FEED & CONDUIT SIZE NOTES:

Ⓐ 3 - #300Kcmil CU in 3.5" CONDUIT (4 SETS) Plus Cu Grd. 800A

Ⓑ 2 - #250Kcmil CU in 3" CONDUIT (4 SETS) Plus Cu Grd. 500A

Ⓒ 3 - #400Kcmil CU in 4" CONDUIT (4 SETS) Plus Cu Grd. 1000A

Ⓓ 4 - #4/0 CU in 2 ½" CONDUIT (1 SET) Plus Cu Grd. 225A

Ⓔ 4 - #1 CU in 1 ½" CONDUIT (1 SET) Plus Cu Grd. 125A

Ⓕ VERSANT POWER SHALL DETERMINE APPROVE FEEDER WIRE CONDUCTORS AND CONDUIT SIZES. 4- 350KCMIL CU IN 4" C (4 SETS)

Ⓖ 3 - #10 CU & 1 - #12 CU GRD 1 ½" C (35A)

Ⓗ 3 - #12 CU IN ¾" C (25A)

Ⓘ 2 - #4/0 CU in 3" CONDUIT (4 SETS) Plus Cu Grd. 400A

Ⓙ 4 - #350Kcmil CU & 1-#300 Kcmil CU Grd in 3" CONDUIT (1 SET) 300A

Ⓚ 4 - #4 CU & 1-#6 CU Grd in 1-1/2" CONDUIT (1 SET) 70A

Ⓛ 4 - #8 CU & 1-#10 CU Grd in 1-1/4" CONDUIT (1 SET) 40A

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| REV | DATE | DESCRIPTION |
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SCALE: 1/8" = 1'
0' 12'

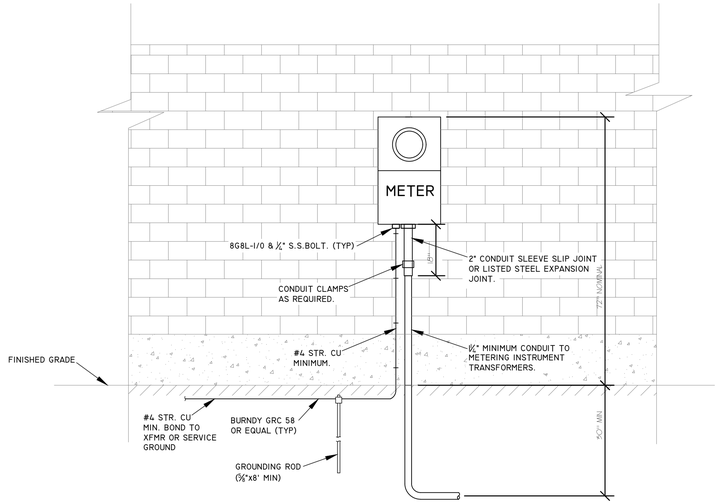
E3.5

SHEET TITLE: POWER & LIGHTING DETAILS

DATE: MAY 01, 2026

PROJECT#2501.15

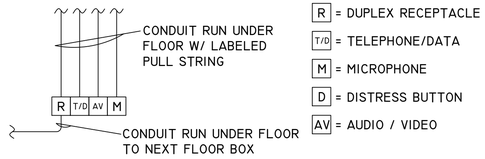
For: PROJECT BIDDING




## ELECTRICAL METER MOUNTING DETAIL

NOT TO SCALE

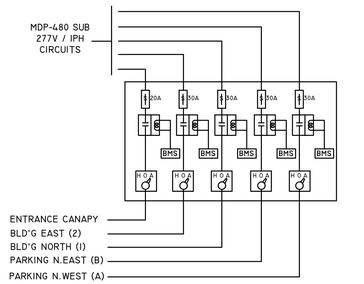
GENERAL NOTE:
REFER TO VERSANTINSTALL HANDBOOK OF REQUIREMENTS.




## COURT ROOMS/CONFERENCE ROOMS/JUDGE CHAMBERS FLOOR BOX DETAIL

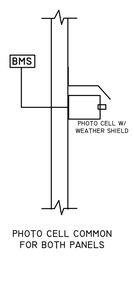
NOT TO SCALE

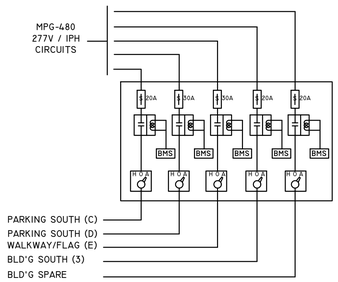
ALL FLOOR BOXES TO HAVE FOUR CONDUITS RUNS UNDER FLOOR UP WALL CAVITY TO ACCESSIBLE CEILING OR IT ROOM.




## ELECTRICAL ROOM 001 LIGHTING CONTROL PANEL SCHEMATIC

SCALE: NTS



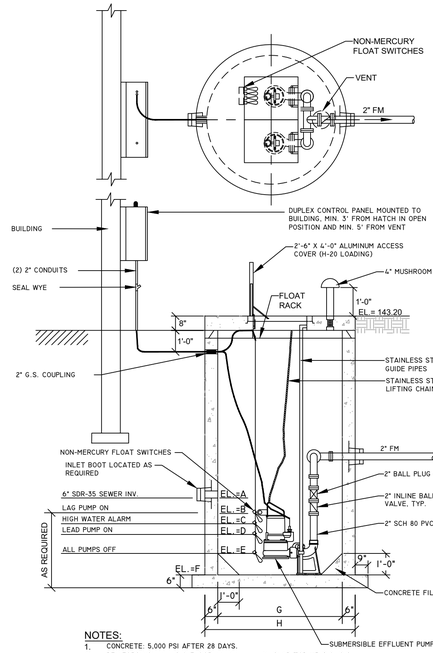

## MECHANICAL ROOM 014 LIGHTING CONTROL PANEL SCHEMATIC

SCALE: NTS

## NOTES

1. LIFT STATION SHALL BE DUPLEX LIFT STATION PANEL AND CONTROLS FOR THE OPERATIONS OF 2.0 HOMA GRINDER PUMP OPERATING AT APPROXIMATELY THE DUTY POINT LISTED IN THE TABLE BELOW. THE PUMPS ARE MODEL GRPI6/3 FM, 3 PHASE, 60 HZ, 460 VOLT, 3450 RPM AND 5.4 FLA WITH THE INSTALLED IMPELLER.
2. PUMPS SHALL HAVE BREAK AWAY FITTINGS. BREAK AWAY FITTINGS SHALL BE NON-SPARKING.
3. ALL UNDERGROUND ELECTRIC POWER LINES SHALL BE INSTALLED IN PVC CONDUIT. ABOVE GROUND SERVICES SHALL BE INSTALLED IN SCHEDULE 40 GALVANIZED CONDUIT. SIZES AS REQUIRED BY ELECTRIC COMPANY. ALL ELECTRICAL WIRING SHALL MEET ALL LOCAL AND NEC ELECTRICAL CODE REQUIREMENTS.
4. THE PANEL SHALL BE EQUIPPED WITH AN INNER DOOR THAT HAS ELAPSED TIMED METERS, WARNING LIGHTS FOR TEMPERATURE AND MOISTURE SENSORS, CONTROL SWITCHES FOR THE INDIVIDUAL PUMPS (AUTO, OFF AND RUN) AND A CONTROL SWITCH FOR THE ALARM WITH TEST AND SILENCE.
5. THE MAIN BREAKERS (CONTROL AND PUMPS) AND FUSES FOR BOTH THE ALARM AND CONTROLS SHALL BE ACCESSIBLE WITHOUT OPENING THE INNER DOOR.
6. THE PANEL SHALL HAVE BOTH AMBER VISIBLE ALARM LIGHT AND AN AUDIBLE PIEZO 80DB ALARM. THE ENCLOSURE SHALL BE A STAINLESS STEEL NEMA 4X RATED, UL698A COMPLIANT LISTED ENCLOSURE RATED FOR THE PUMPS WITH A WIRING SCHEMATIC PROVIDED ON THE INNER FACE OF THE PANEL DOOR. THE DOOR SHALL HAVE A WEATHER SEAL AND LOCKABLE LATCHES.
7. THE PANEL SHALL HAVE THE REQUIRED CIRCUITRY, CONTROLLERS, CIRCUIT BREAKERS, DELAYS, MOTOR STARTERS, RELAYS, TERMINAL BLOCK AND GROUNDING REQUIRED TO OPERATE THE PUMPS IN AN ALTERNATING SEQUENCE. PANEL, CONTROLS AND ELECTRICAL COMPONENTS SHALL BE EXPLOSION PROOF AND INTRINSICALLY SAFE.
8. THE PANEL SHALL BE MANUFACTURED BY SJE RHOMBUS, PRIMEX CONTROLS, CSI OR APPROVED EQUIVALENT.
9. THE PUMPS, CONTROLS, FLOATS AND FLOAT RACK SHALL BE SUPPLIED BY ONE DISTRIBUTOR OR MANUFACTURER. FLOAT SWITCHES SHALL BE INSTALLED WITH KWIK FLOAT SWITCH CONNECTION SYSTEM. DISTRIBUTOR OR MANUFACTURER SUPPLYING EQUIPMENT SHALL CONFIRM ALL EQUIPMENT MEETS THE INTENT OF THIS SPECIFICATION, AND THAT ALL EQUIPMENT SUPPLIED IS COMPATIBLE FOR THIS SPECIFIC APPLICATION. ALL EQUIPMENT SUPPLIED REQUIRING FACTORY START-UP TO OBTAIN WARRANTY SHALL BE INCLUDED AND PERFORMED BY FACTORY AUTHORIZED PERSONNEL. ANY DEFICIENCIES SHALL BE ADDRESSED PRIOR TO FINAL ACCEPTANCE.
10. PUMP POWER/CONTROL CABLES AND FLOAT CABLES SHALL BE ROUTED TO THE WET WELL IN SEPARATE CONDUITS WITH THE PROPER EXPANSION JOINTS, SEAL OFFS, AND EXPANSION JOINTS. PUMP AND FLOAT CABLES SHALL BE WIRED FORM WET WELL DIRECTLY TO PANEL WITH NO INTERMEDIATE JUNCTION BOXES. WIRE SIZING AND CONDUITS FEEDING AND LEAVING THE CONTROL PANEL SHALL BE PROPERLY SIZED, SHALL SUPPORT THE LOAD OF TWO PUMPS OPERATING AND MEET ALL APPLICABLE LOCAL, STATE AND NEC ELECTRICAL CODES.
11. PUMPS SHALL BE PROVIDED WITH TEMPERATURE AND MOISTURE SENSORS MATCHED TO THE PUMPS.
12. FLOAT CONTROLS SHALL BE NON-MERCURY MECHANICAL FLOATS.
13. CONCRETE: 5,000 PSI AFTER 28 DAYS. REINFORCING STEEL MIN. YIELD STRESS OF 40,000 PSI.
14. REINFORCING: WALLS & FLOOR 4X4/4X4 W.W.M. SLAB TOP #5 @ 8" O.C.
15. THE ACCESS HATCH SHALL BE H20 LOADING AND MANUFACTURED BY THE BILCO COMPANY OR EQUIVALENT. HATCH SHALL OPEN TOWARDS PUMP STATION PANEL AND HAVE INTEGRAL SECONDARY FALL PROTECTION.
16. ALL LIFT STATION PIPING SHALL BE SCH 80 PVC.
17. COAT EXTERIOR OF STRUCTURES WITH KOPPERS BITUMASTIC 3000 M OR EQUAL.
18. WET WELL SHALL BE INSTALLED ON A MINIMUM 12" BED OF SCREENED GRAVEL.
19. CONTRACTOR TO CONFIRM OPERATING ELEVATIONS WITH ENGINEER BEFORE ORDERING STATION.
20. CONTRACTOR TO SUBMIT SPECIFICATIONS FOR PUMPS, CONTROL PANELS, AND ALARM FOR OWNER AND ENGINEERS APPROVAL.
21. ELECTRIC SERVICES SHALL BE VERIFIED BY CONTRACTOR AND COORDINATED WITH OWNER, ELECTRIC COMPANY AND PUMP STATION MANUFACTURER PRIOR TO INSTALLATION. CONTRACTOR SHALL PROVIDE AND INSTALL ALL ELECTRICAL COMPONENTS REQUIRED FOR PUMP STATION MEETING APPLICABLE STATE, FEDERAL AND LOCAL CODES.
22. PRIOR TO CONSTRUCTION, CONTRACTOR SHALL MEET ON-SITE WITH OWNER AND ENGINEER TO REVIEW LOCATION OF PUMP STATION. DEPENDING ON PHYSICAL SITE FEATURES, THE ENGINEER RESERVES THE RIGHT TO MODIFY LOCATION.
23. UPON INSTALLATION OF PUMP STATION, CONTRACTOR SHALL PROVIDE OWNER WITH THE FOLLOWING:
    - A. OPERATION AND MAINTENANCE MANUALS.
    - B. ONE-YEAR WARRANTY ON ALL STRUCTURES, PUMP STATION MECHANICS AND ELECTRIC COMPONENTS, ALL PIPING AND CONNECTIONS.
    - C. STARTUP REPORT THAT INCLUDES DRAW DOWN TESTS TO DETERMINE THE OPERATING POINTS FOR BOTH PUMPS.

| PUMP PARAMETERS | |
|---|---|
| STATION | 1 |
| PUMP | HOMA |
| MODEL | GRPI6/3 FM |
| IMPELLER | 5-1/32" |
| FLOW (GPM) | 42.6 |
| TDH (FT) | 48.3 |
| VOLTAGE | 460 |
| HP | 1.9 |
| PHASE | 3 |
| HERTZ | 60 |
| RPM | 3450 |




NOTES:
1. CONCRETE: 5,000 PSI AFTER 28 DAYS.
2. REINFORCING: WALLS & FLOOR 4X4/4X4 W.W.M. SLAB TOP #5 @ 8" O.C.
3. PUMP STATION TO BE SUPERIOR CONCRETE ITEM 370IA OR APPROVED EQUAL.

## PUMP STATION

NOT TO SCALE

## GENERAL PLAN NOTE:

ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE OF POWER & CONTROL WIRING ONLY. PUMPS, CONTROL PANEL, MAYWAY AND PIPING BY OTHERS.

## PUMP STATION SCHEDULE

| PUMP STATION | MEASUREMENT (FT.) | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H |
| 1 | 136.70 | 136.20 | 135.70 | 135.20 | 133.95 | 132.45 | 5.0 | 6.0 |

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STATE OF MAINE — JEFFREY M. ARMSTRONG No. 5372 — LICENSED PROFESSIONAL ENGINEER

HANCOCK JUDICIAL CENTER
45 MERRILL LANE
ELLSWORTH, MAINE

Construction Project

| REV | DATE | DESCRIPTION |
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SCALE: NTS
0' 12'

E3.6

SHEET TITLE: POWER & LIGHTING DETAILS

DATE: MAY 01, 2026

PROJECT#2501:15

For: PROJECT BIDDING

# LIGHTING PLAN LEGEND

## Light Fixtures

| | | |
|---|---|---|
| A | | 2' x 2' RECESSED TROFFER LIGHT FIXTURE |
| B | | 4' SURFACE MOUNTED WRAP-LENSE FIXTURE |
| C | | 4' SURFACE MOUNTED GARAGE BAY FIXTURE |
| D | | 1' x 4' RECESSED CONFINEMENT GRADE FIXTURE |
| F | | SURFACE MOUNTED LIGHT FIXTURES |
| G | | SMALL PENDANT LIGHT FIXTURES |
| H | | LARGE PENDANT LIGHT FIXTURES |
| J | | CABLE-HUNG LINEAR DIRECT / INDIRECT LIGHT FIXTURES |
| RI | | RECESSED DOWNLIGHT |
| R2 | | WALL-WASHER RECESSED DOWNLIGHT |
| S | | SCONCE - WALL MOUNTED LIGHT FIXTURE |
| V | | VANITY - WALL MOUNTED LIGHT FIXTURE |
| XI | | EXTERIOR RECESSED CEILING LIGHT FIXTURE |
| X2 | | EXTERIOR WALL MOUNTED LIGHT FIXTURE |

FIXTURES WITH DARK OBJECT HAS BATTERY BACKUP.

## GENERAL PLAN NOTES:

1. ALL ELECTRICAL POWER FEEDERS TO EQUIPMENT & DEVICES SHALL BE IN COMPLIANCE WITH THE LATEST NEC & LIFE SAFETY CODE STANDARDS.
2. ALL POWERED EQUIPMENT AND POWERED DEVICES SHALL BE PROVIDED WITH MEANS OF SAFE DISCONNECT.

## GROUND FLOOR ELECTRICAL LIGHTING PLAN

SCALE: 1/8" = 1'

0' 20' 40'


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SCALE: 1/8" = 1'

0' 12'

E4.1

SHEET TITLE: ELECTRICAL LIGHTING GROUND FLOOR

DATE: MAY 01, 2026

PROJECT#2501.15

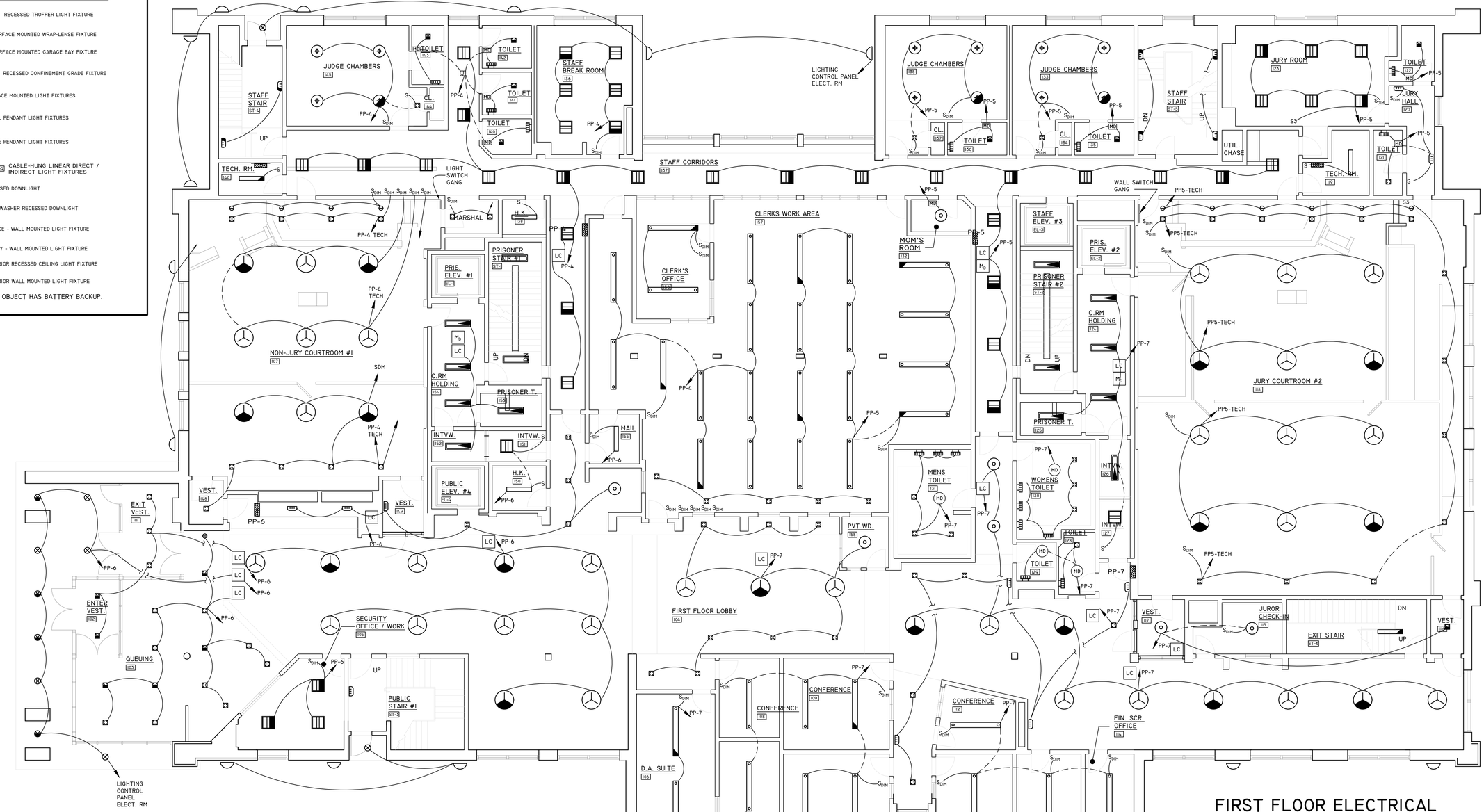
For: PROJECT BIDDING

# LIGHTING PLAN LEGEND

## Light Fixtures

| | | |
|---|---|---|
| A | | 2' x 2' RECESSED TROFFER LIGHT FIXTURE |
| B | | 4' SURFACE MOUNTED WRAP-LENSE FIXTURE |
| C | | 4' SURFACE MOUNTED GARAGE BAY FIXTURE |
| D | | 1' x 4' RECESSED CONFINEMENT GRADE FIXTURE |
| F | | SURFACE MOUNTED LIGHT FIXTURES |
| G | | SMALL PENDANT LIGHT FIXTURES |
| H | | LARGE PENDANT LIGHT FIXTURES |
| J | | CABLE-HUNG LINEAR DIRECT / INDIRECT LIGHT FIXTURES |
| RI | | RECESSED DOWNLIGHT |
| R2 | | WALL-WASHER RECESSED DOWNLIGHT |
| S | | SCONCE - WALL MOUNTED LIGHT FIXTURE |
| V | | VANITY - WALL MOUNTED LIGHT FIXTURE |
| XI | | EXTERIOR RECESSED CEILING LIGHT FIXTURE |
| X2 | | EXTERIOR WALL MOUNTED LIGHT FIXTURE |

FIXTURES WITH DARK OBJECT HAS BATTERY BACKUP.




## GENERAL PLAN NOTES:

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2. ALL POWERED EQUIPMENT AND POWERED DEVICES SHALL BE PROVIDED WITH MEANS OF SAFE DISCONNECT.

# FIRST FLOOR ELECTRICAL LIGHTING PLAN

SCALE: 1/8" = 1'

0' 20' 40'


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SCALE: 1/8" = 1'
0' 12'

E4.2

SHEET TITLE: ELECTRICAL LIGHTING FIRST FLOOR

DATE: MAY 01, 2026

PROJECT#2501:15

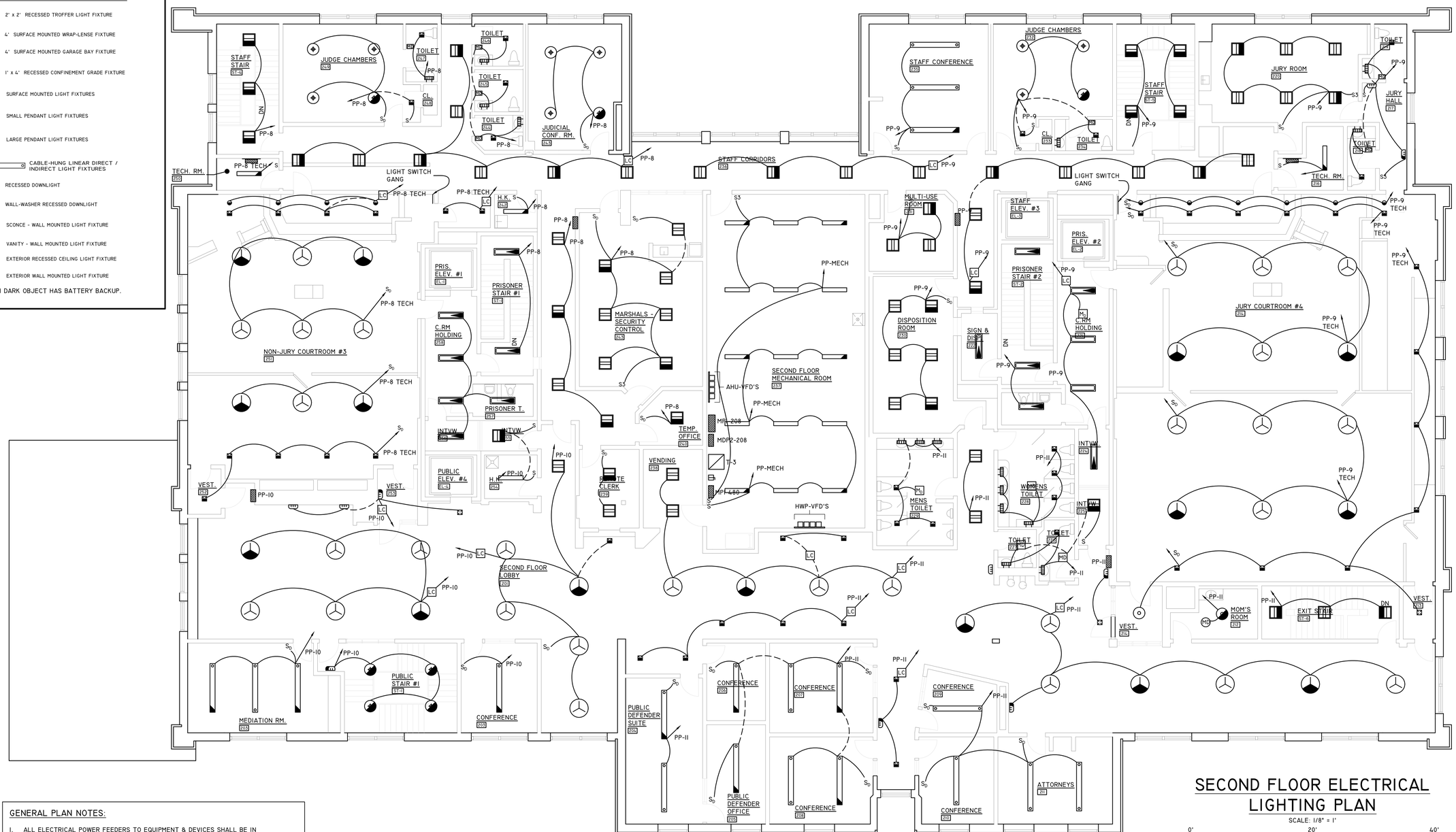
For: PROJECT BIDDING

# LIGHTING PLAN LEGEND

## Light Fixtures

| | | |
|---|---|---|
| A | | 2' x 2' RECESSED TROFFER LIGHT FIXTURE |
| B | | 4' SURFACE MOUNTED WRAP-LENSE FIXTURE |
| C | | 4' SURFACE MOUNTED GARAGE BAY FIXTURE |
| D | | 1' x 4' RECESSED CONFINEMENT GRADE FIXTURE |
| F | | SURFACE MOUNTED LIGHT FIXTURES |
| G | | SMALL PENDANT LIGHT FIXTURES |
| H | | LARGE PENDANT LIGHT FIXTURES |
| J | | CABLE-HUNG LINEAR DIRECT / INDIRECT LIGHT FIXTURES |
| RI | | RECESSED DOWNLIGHT |
| R2 | | WALL-WASHER RECESSED DOWNLIGHT |
| S | | SCONCE - WALL MOUNTED LIGHT FIXTURE |
| V | | VANITY - WALL MOUNTED LIGHT FIXTURE |
| XI | | EXTERIOR RECESSED CEILING LIGHT FIXTURE |
| X2 | | EXTERIOR WALL MOUNTED LIGHT FIXTURE |

FIXTURES WITH DARK OBJECT HAS BATTERY BACKUP.




## SECOND FLOOR ELECTRICAL LIGHTING PLAN

SCALE: 1/8" = 1'

0' 20' 40'

### GENERAL PLAN NOTES:

1. ALL ELECTRICAL POWER FEEDERS TO EQUIPMENT & DEVICES SHALL BE IN COMPLIANCE WITH THE LATEST NEC & LIFE SAFETY CODE STANDARDS.
2. ALL POWERED EQUIPMENT AND POWERED DEVICES SHALL BE PROVIDED WITH MEANS OF SAFE DISCONNECT.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94 Presque Isle Street, Fort Fairfield, Maine 04742
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- ☐ RECORD DRAWINGS

JEFFREY M. ARMSTRONG No. 5372 LICENSED PROFESSIONAL ENGINEER STATE OF MAINE

HANCOCK JUDICIAL CENTER
45 MERRILL LANE
ELLSWORTH, MAINE

Construction Project

| REV | DATE | DESCRIPTION |
|---|---|---|
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SCALE: 1/8" = 1'

0' 12'

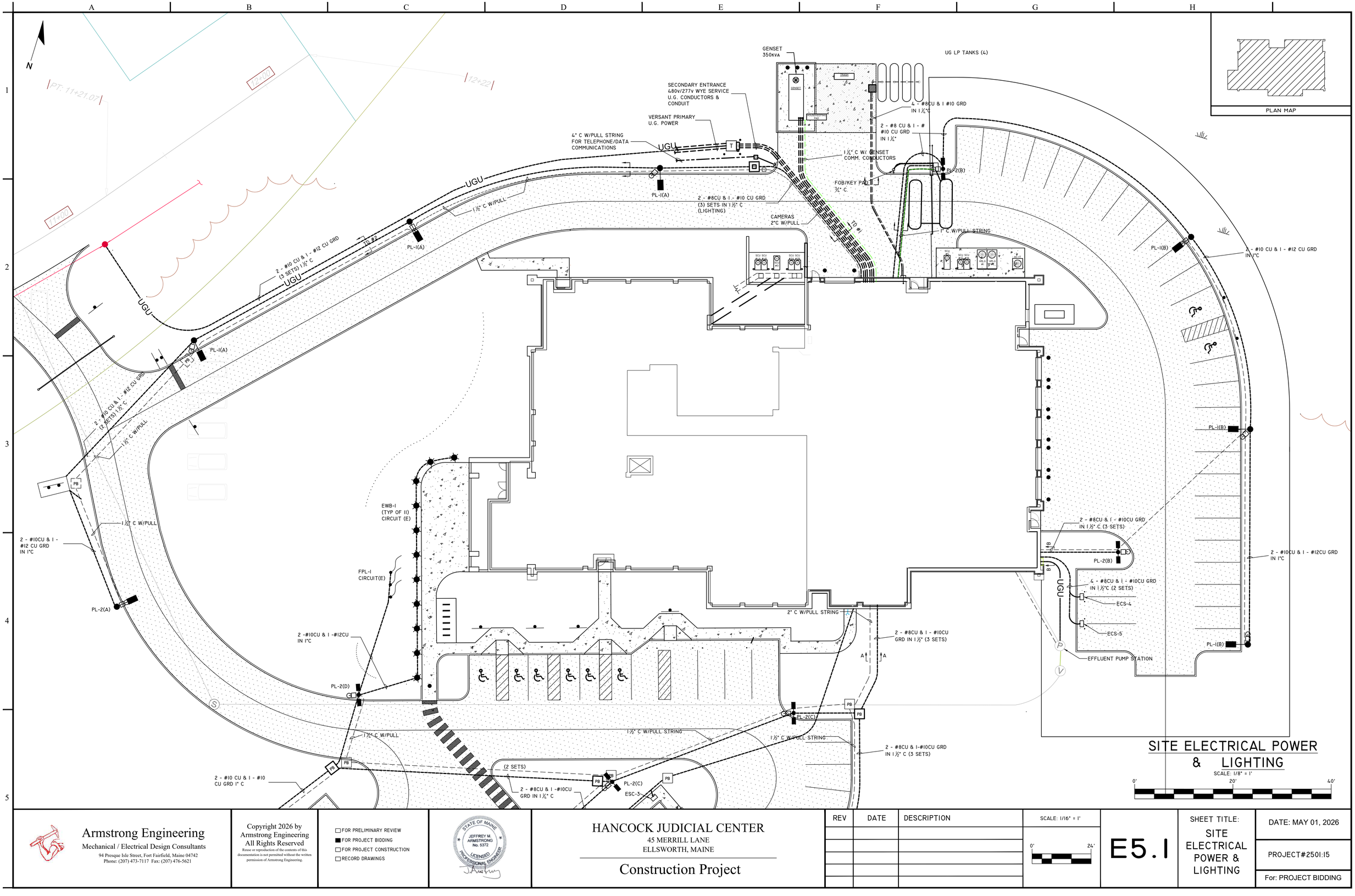
E4.3

SHEET TITLE: ELECTRICAL LIGHTING SECOND FLOOR

DATE: MAY 01, 2026

PROJECT#2501:15

For: PROJECT BIDDING




# SITE ELECTRICAL POWER & LIGHTING

SCALE: 1/8" = 1'

0' 20' 40'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JEFFREY M. ARMSTRONG
No. 5372
LICENSED
PROFESSIONAL ENGINEER

HANCOCK JUDICIAL CENTER
45 MERRILL LANE
ELLSWORTH, MAINE

Construction Project

| REV | DATE | DESCRIPTION |
|---|---|---|
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SCALE: 1/16" = 1'

0' 24'

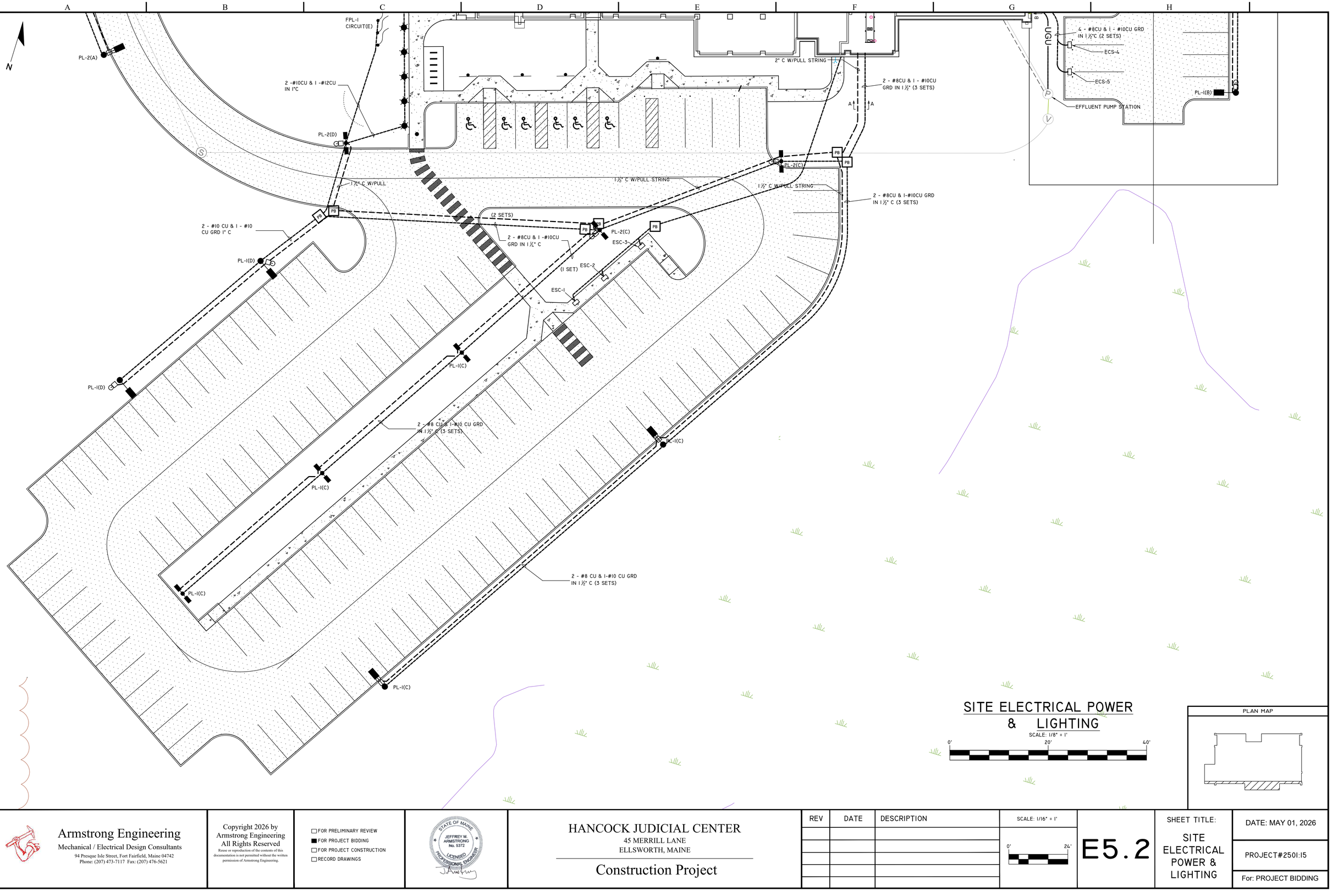
E5.1

SHEET TITLE: SITE ELECTRICAL POWER & LIGHTING

DATE: MAY 01, 2026

PROJECT#2501.15

For: PROJECT BIDDING




## SITE ELECTRICAL POWER & LIGHTING

SCALE: 1/8" = 1'

0' 20' 40'

PLAN MAP

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STATE OF MAINE · JEFFREY M. ARMSTRONG No. 5372 · LICENSED PROFESSIONAL ENGINEER

# HANCOCK JUDICIAL CENTER

45 MERRILL LANE
ELLSWORTH, MAINE

Construction Project

| REV | DATE | DESCRIPTION |
|---|---|---|
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SCALE: 1/16" = 1'

0' 24'

**E5.2**

SHEET TITLE: SITE ELECTRICAL POWER & LIGHTING

DATE: MAY 01, 2026

PROJECT#2501:15

For: PROJECT BIDDING

# LIFE SAFETY LEGEND

## Life Safety Devices

- MP — FIRE ALARM MANUAL PULL STATION
- V — VISUAL ALARM - WALL MOUNTED
- AV — AUDIO/VISUAL ALARM - WALL MOUNTED
- V — VISUAL ALARM - CEILING MOUNTED
- AV — AUDIO/VISUAL ALARM - CEILING MOUNTED
- H — HEAT DETECTOR
- S — SMOKE DETECTOR
- RD — REFRIGERANT DETECTOR (IN CEILING CAVITY)
- EXIT SIGN

NOTE: ALL EXIT SIGNS IN PRISONER AREAS SHALL BE FLUSH WALL RECESSED

## GROUND FLOOR LIFE SAFETY

SCALE: 1/8" = 1'

0' 20' 40'


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# HANCOCK JUDICIAL CENTER

45 MERRILL LANE
ELLSWORTH, MAINE

Construction Project

| REV | DATE | DESCRIPTION |
|---|---|---|
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SCALE: 1/8" = 1'

0' 12'

E6.1

SHEET TITLE: GROUND FLOOR LIFE SAFETY

DATE: MAY 01, 2026

PROJECT#2501:15

For: PROJECT BIDDING

# LIFE SAFETY LEGEND

## LIFE SAFETY DEVICES

- MP — FIRE ALARM MANUAL PULL STATION
- V — VISUAL ALARM - WALL MOUNTED
- AV — AUDIO/VISUAL ALARM - WALL MOUNTED
- V — VISUAL ALARM - CEILING MOUNTED
- AV — AUDIO/VISUAL ALARM - CEILING MOUNTED
- H — HEAT DETECTOR
- S — SMOKE DETECTOR
- RD — REFRIGERANT DETECTOR (IN CEILING CAVITY)
- EXIT SIGN

NOTE: ALL EXIT SIGNS IN PRISONER AREAS SHALL BE FLUSH WALL RECESSED

## FIRST FLOOR LIFE SAFETY

SCALE: 1/8" = 1'

0' 20' 40'


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HANCOCK JUDICIAL CENTER
45 MERRILL LANE
ELLSWORTH, MAINE

Construction Project

| REV | DATE | DESCRIPTION |
|---|---|---|
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SCALE: 1/8" = 1'

0' 12'

E6.2

SHEET TITLE: LIFE SAFETY FIRST FLOOR

DATE: MAY 01, 2026

PROJECT#2501.15

For: PROJECT BIDDING

# LIFE SAFETY LEGEND

## Life Safety Devices

- MP — FIRE ALARM MANUAL PULL STATION
- V — VISUAL ALARM - WALL MOUNTED
- AV — AUDIO/VISUAL ALARM - WALL MOUNTED
- V — VISUAL ALARM - CEILING MOUNTED
- AV — AUDIO/VISUAL ALARM - CEILING MOUNTED
- H — HEAT DETECTOR
- S — SMOKE DETECTOR
- RD — REFRIGERANT DETECTOR (IN CEILING CAVITY)
- EXIT SIGN

NOTE: ALL EXIT SIGNS IN PRISONER AREAS SHALL BE FLUSH WALL RECESSED

## SECOND FLOOR LIFE SAFETY

SCALE: 1/8" = 1'

0' 20' 40'


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HANCOCK JUDICIAL CENTER
45 MERRILL LANE
ELLSWORTH, MAINE

Construction Project

| REV | DATE | DESCRIPTION |
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SCALE: 1/8" = 1'
0' 12'

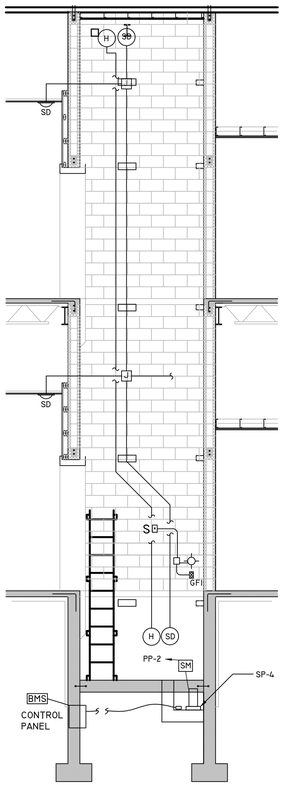
E6.3

SHEET TITLE: LIFE SAFETY SECOND FLOOR

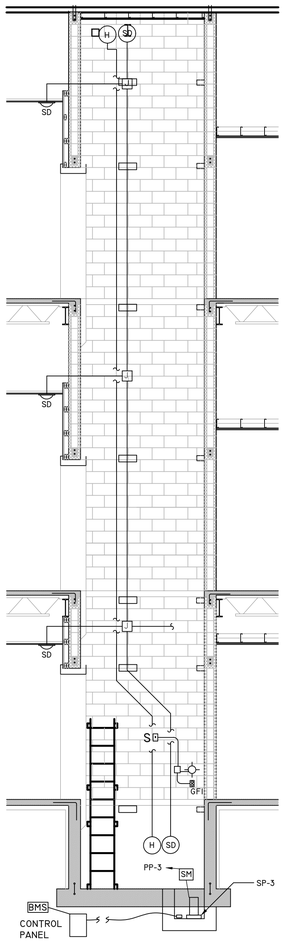
DATE: MAY 01, 2026

PROJECT#2501.15

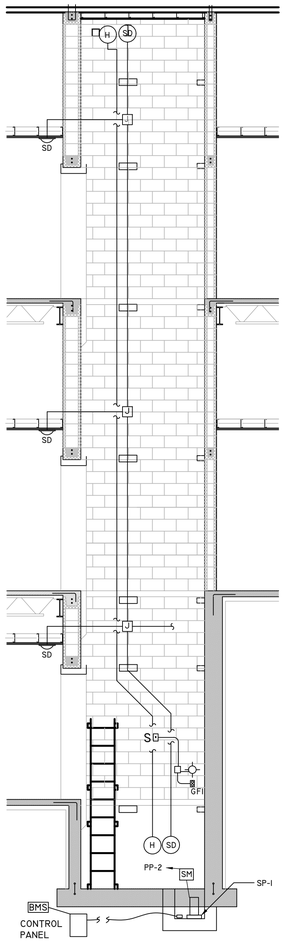
For: PROJECT BIDDING



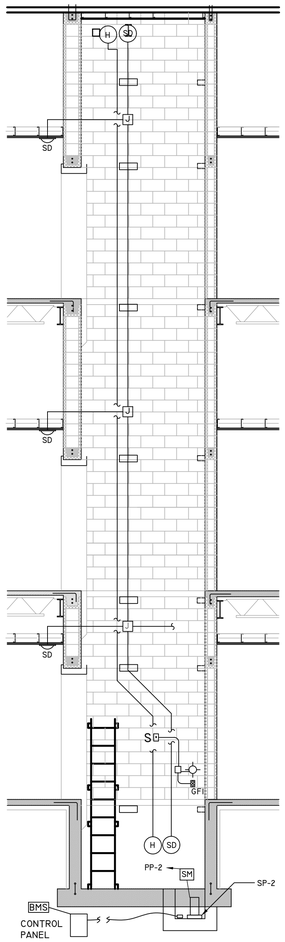

PUBLIC ELEVATOR #4
EL-4 SECTION




PUBLIC ELEVATOR #3
EL-3 SECTION




PUBLIC ELEVATOR #1
EL-1 SECTION




PUBLIC ELEVATOR #2
EL-2 SECTION

ELEVATOR
LIFE SAFETY
SCALE: 1/4" = 1'
0' 10' 20'

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No. 5372
LICENSED
PROFESSIONAL ENGINEER

HANCOCK JUDICIAL CENTER
45 MERRILL LANE
ELLSWORTH, MAINE

Construction Project

| REV | DATE | DESCRIPTION |
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SCALE: 1/8" = 1'
0' 12'

E6.4

SHEET TITLE:
ELEVATOR SECTIONS LIFE SAFETY

DATE: MAY 01, 2026

PROJECT#2501:15

For: PROJECT BIDDING

# SECURITY PLAN LEGEND

## SECURITY CAMERAS

- SECURITY CAMERA
- 180° SECURITY CAMERA
- 360° OUTDOOR SECURITY CAMERA
- 360° INDOOR SECURITY CAMERA

## SECURITY HARDWARE

- DOOR ACCESS CARD READER
- DURESS BUTTON

## TELEPHONE & DATA LEGEND

| | |
|---|---|
| | TELEPHONE DUPLEX OUTLET DEVICE |
| | DATA DUPLEX OUTLET DEVICE |
| R T/D | FLOOR DUPLEX RECEPTACLE & TELEPHONE/DATA BOX |
| R T/D A/V M | FLOOR BOX WITH DUPLEX RECEPTACLE & TELEPHONE/DATA & AUDIO/VIDEO & MICROPHONE |
| A/V | AUDIO/VIDEO OUTLET |

## GROUND FLOOR SECURITY

SCALE: 1/8" = 1'

0' 20' 40'


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STATE OF MAINE — JEFFREY M. ARMSTRONG No. 5372 — LICENSED PROFESSIONAL ENGINEER

HANCOCK JUDICIAL CENTER
45 MERRILL LANE
ELLSWORTH, MAINE

Construction Project

| REV | DATE | DESCRIPTION |
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SCALE: 1/8" = 1'

0' 12'

E7.1

SHEET TITLE: SECURITY & DATA GROUND FLOOR

DATE: MAY 01, 2026

PROJECT#2501:15

For: PROJECT BIDDING

# SECURITY PLAN LEGEND

## SECURITY CAMERAS

- SECURITY CAMERA
- 180° SECURITY CAMERA
- 360° OUTDOOR SECURITY CAMERA
- 360° INDOOR SECURITY CAMERA

## SECURITY HARDWARE

- DOOR ACCESS CARD READER
- DURESS BUTTON

## TELEPHONE & DATA LEGEND

| | |
|---|---|
| | TELEPHONE DUPLEX OUTLET DEVICE |
| | DATA DUPLEX OUTLET DEVICE |
| R/TD | FLOOR DUPLEX RECEPTACLE & TELEPHONE/DATA BOX |
| R/TD/M | FLOOR BOX WITH DUPLEX RECEPTACLE & TELEPHONE/DATA & AUDIO/VIDEO & MICROPHONE |
| A/V | AUDIO/VIDEO OUTLET |

## FIRST FLOOR SECURITY

SCALE: 1/8" = 1'

0' 20' 40'


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LICENSED
PROFESSIONAL ENGINEER

HANCOCK JUDICIAL CENTER
45 MERRILL LANE
ELLSWORTH, MAINE

Construction Project

| REV | DATE | DESCRIPTION |
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SCALE: 1/8" = 1'
0' 12'

E7.2

SHEET TITLE: SECURITY & DATA FIRST FLOOR

DATE: MAY 01, 2026

PROJECT#25011.15

For: PROJECT BIDDING

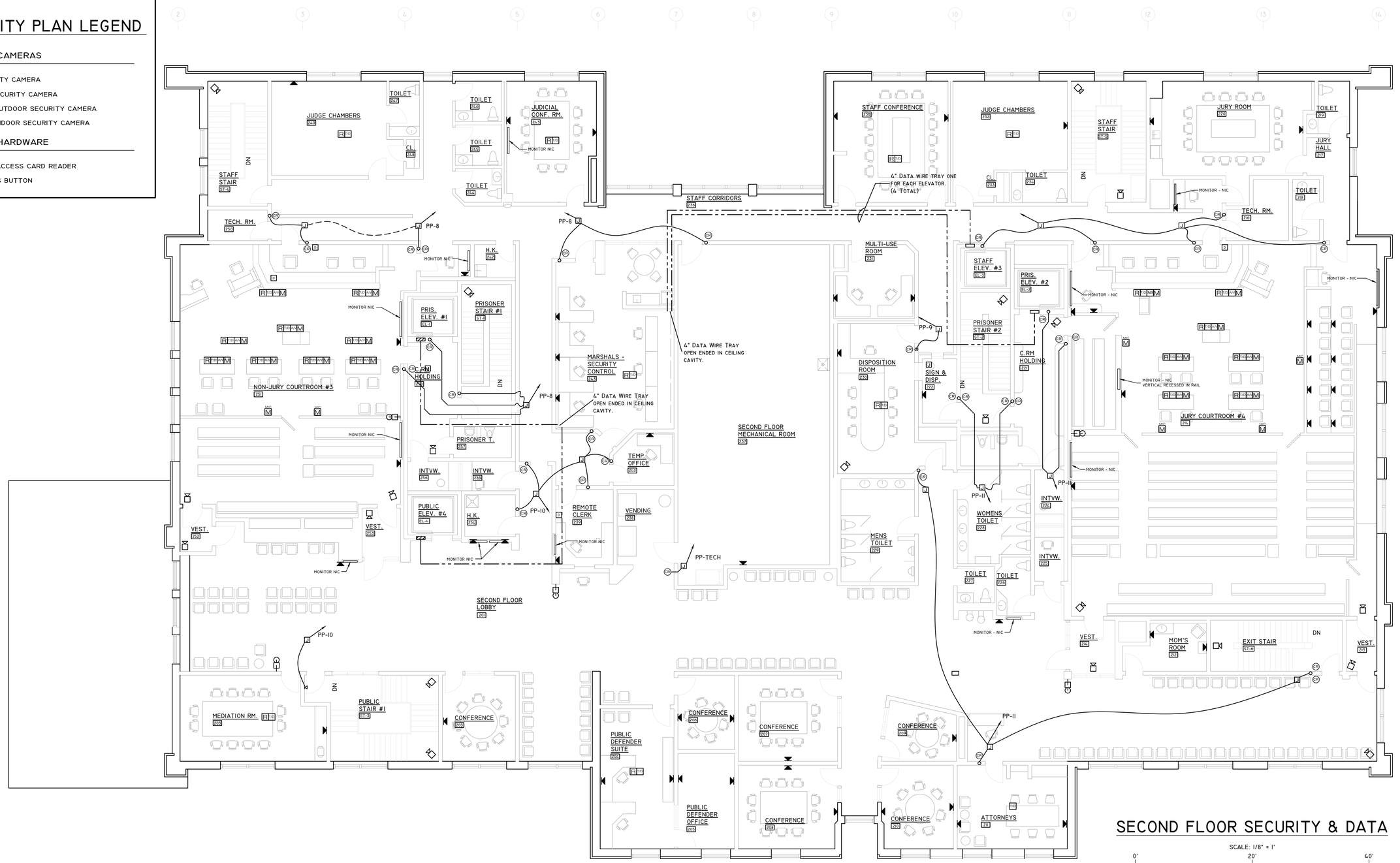
## SECURITY PLAN LEGEND

### SECURITY CAMERAS

- SECURITY CAMERA
- 180° SECURITY CAMERA
- 360° OUTDOOR SECURITY CAMERA
- 360° INDOOR SECURITY CAMERA

### SECURITY HARDWARE

- DOOR ACCESS CARD READER
- DURESS BUTTON




## SECOND FLOOR SECURITY & DATA

SCALE: 1/8" = 1'

0' 20' 40'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HANCOCK JUDICIAL CENTER
45 MERRILL LANE
ELLSWORTH, MAINE

Construction Project

| REV | DATE | DESCRIPTION |
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SCALE: 1/8" = 1'
0' 12'

E7.3

SHEET TITLE: SECURITY & DATA SECOND FLOOR

DATE: MAY 01, 2026

PROJECT#2501.15

For: PROJECT BIDDING

# SECURITY PLAN LEGEND

## SECURITY CAMERAS

- SECURITY CAMERA
- 180° SECURITY CAMERA
- 360° OUTDOOR SECURITY CAMERA
- 360° INDOOR SECURITY CAMERA

## SECURITY HARDWARE

- DOOR ACCESS CARD READER
- DURESS BUTTON

PLAN MAP

GENSET 350kva

UG LP TANKS (4)

SECONDARY ENTRANCE 480w/277v WYE SERVICE U.G. CONDUCTORS & CONDUIT

VERSANT PRIMARY U.G. POWER

4" C W/PULL STRING FOR TELEPHONE/DATA COMMUNICATIONS

4 - #8CU & 1 #10 GRD IN 1 ½"C

2 - #8 CU & 1 - # #10 CU GRD IN 1 ½"

1 ½" C W/ GENSET COMM. CONDUCTORS

FOB/KEY PAD ¾" C

2 - #8CU & 1 - #10 CU GRD (3) SETS IN 1 ½" C (LIGHTING)

CAMERAS 2"C W/PULL

1" C.W/PULL STRING

2 - #10 CU & 1 - #12 CU GRD (3 SETS) 1 ½" C

1 ½" C W/PULL

2 - #10CU & 1 - #12 CU GRD IN 1"C

EWB-1 (TYP OF 11) CIRCUIT (E) G-1

FPL-1 CIRCUIT(E) G-1

2 -#10CU & 1 -#12CU IN 1"C

2" C W/PULL STRING

2 - #8CU & 1 - #10CU GRD IN 1 ½" (3 SETS)

2 - #8CU & 1-#10CU GRD IN 1 ½" C (3 SETS)

1 ½" C W/PULL STRING

2 - #10 CU & 1 - #10 CU GRD 1" C

(2 SETS)

2 - #8CU & 1 -#10CU GRD IN 1 ½" C

2 - #8CU & 1 - #10CU GRD IN 1 ½" C (3 SETS)

4 - #8CU & 1 - #10CU GRD IN 1 ½"C (2 SETS)

ECS-4

ECS-5

EFFLUENT PUMP STATION

2 - #10CU & 1 - #12CU GRD IN 1"C

P-2 PL-1(A)

P-2 PL-2(B)

P-3 PL-2(A)

P-4 PL-1(B)

P-5 PL-2(D)

P5 PL-2(C)

P5-2 PL-2(B)

PB

ESC-3

## SECURITY NORTH SITE PLAN

SCALE: 1/16" = 1'

0' 20' 40'


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ELLSWORTH, MAINE

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| REV | DATE | DESCRIPTION |
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SCALE: 1/16" = 1'

0' 24'

E7.4

SHEET TITLE: SECURITY NORTH SITE PLAN

DATE: MAY 01, 2026

PROJECT#2501.15

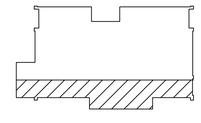
For: PROJECT BIDDING

## SECURITY SOUTH SITE PLAN

SCALE: 1/16" = 1'

0' 20' 40'

PLAN MAP

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LICENSED
PROFESSIONAL ENGINEER

HANCOCK JUDICIAL CENTER
45 MERRILL LANE
ELLSWORTH, MAINE

Construction Project

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SCALE: 1/16" = 1'

0' 24'

E7.5

SHEET TITLE: SECURITY SOUTH SITE PLAN

DATE: MAY 01, 2026

PROJECT#2501.15

For: PROJECT BIDDING