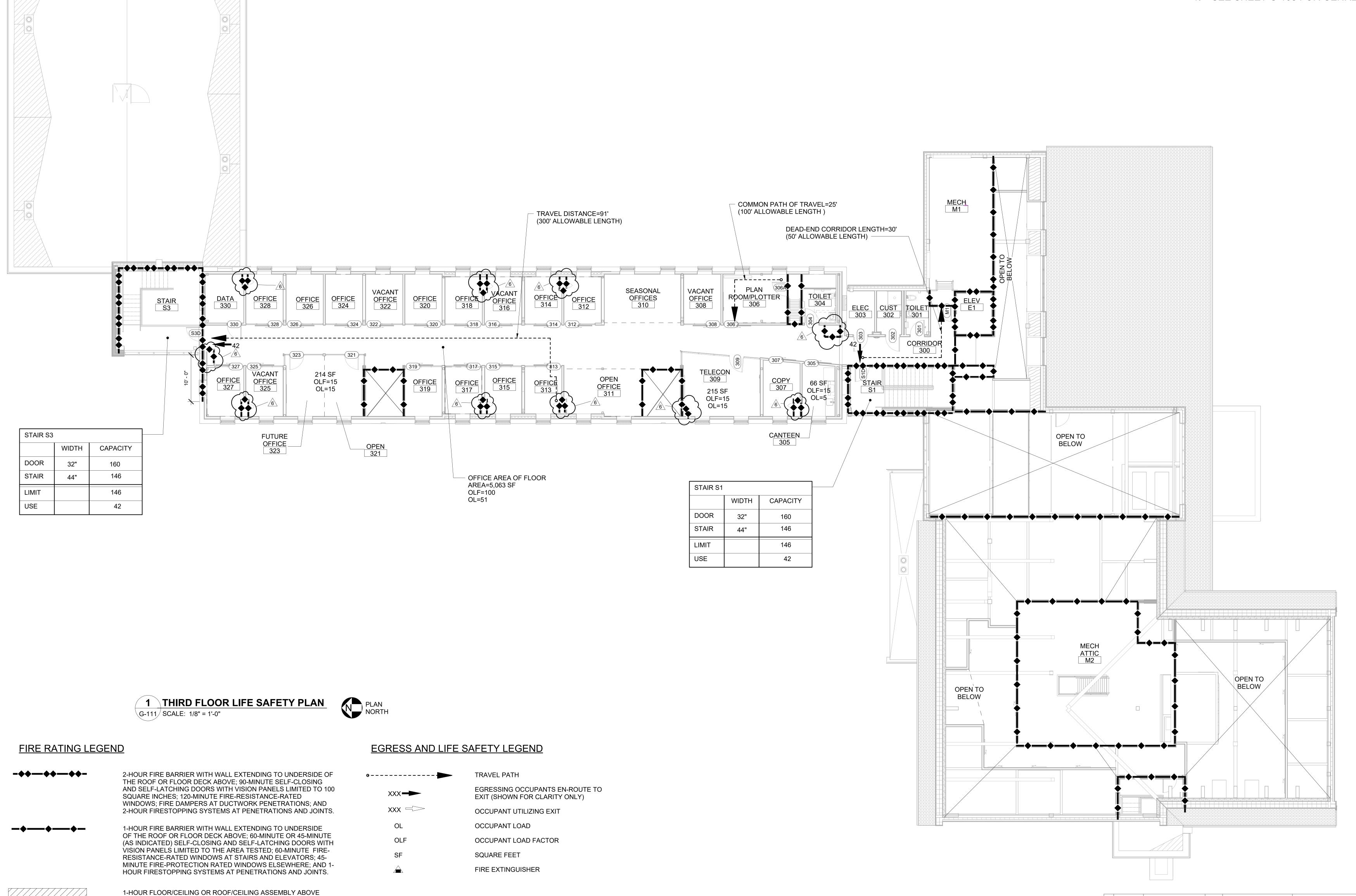
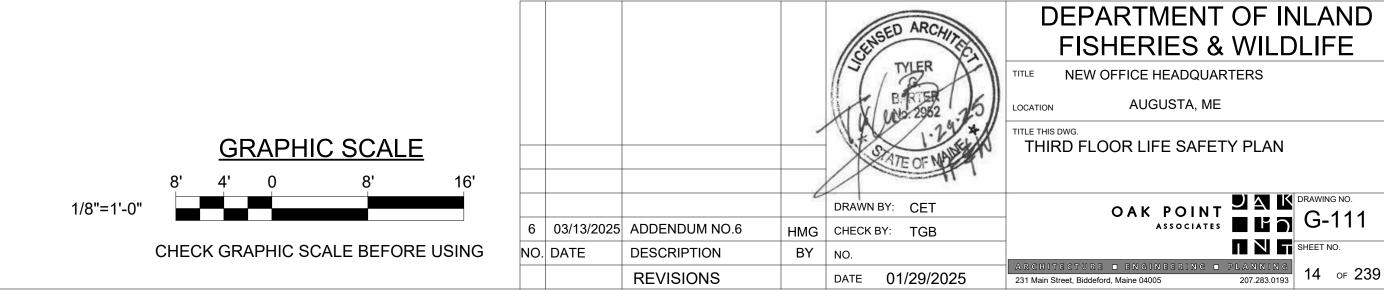


1. SEE SHEET G-108 FOR GENREAL NOTES.





HATCHED AREA WITH 1-HOUR FIRESTOPPING SYSTEMS AT

PENETRATIONS AND JOINTS.

STRUCTURAL NOTES

CONCRETE

- CONFORM WITH ACI 117, ACI 201, ACI 211.1, ACI 301, ACI 302.1R, ACI 305R, ACI 306.1, ACI 308.1, ACI 309R, ACI 315, ACI 318, ACI 330 AND ACI 347R.
- CONCRETE EXPOSED TO WEATHER: NORMAL WEIGHT, F'c=5000 PSI WITH A MAXIMUM WATER/CEMENT RATIO=0.40.
- CONCRETE FOR FOOTINGS: NORMAL WEIGHT, F'c=3000 PSI WITH A MAXIMUM WATER/CEMENT RATIO=0.50. CONCRETE FOR FOUNDATION WALLS AND PIERS: NORMAL WEIGHT, F'c=5000
- PSI WITH A MAXIMUM WATER/CEMENT RATIO=0.40. CONCRETE FOR SLABS-ON-GROUND, PILE CAPS, AND GRADE BEAMS: NORMAL WEIGHT, F'c=4000 PSI WITH A MAXIMUM WATER/CEMENT RATIO=0.45. CONCRETE FOR TOPPING SLABS: LIGHTWEIGHT, F'c=4000 PSI WITH A MAXIMUM WATER/CEMENT RATIO=0.50.
- COMPACT THE STRUCTURAL FILL BENEATH ISOLATED AND SPREAD FOOTINGS WITH A VIBRATING PLATE COMPACTOR AND PRIOR TO CONCRETE REINFORCEMENT PLACEMENT.
- 4. DEFORMED REINFORCING BARS: ASTM A615/A615M (GRADE 60).
- SOUTH ADDITION PIER REINFORCING: ASTM A615/A615M (GRADE 75).
- WELDED WIRE FABRIC: ASTM A185 (EPOXY COATED AS INDICATED).
- 7. LAP SPLICE CONCRETE REINFORCEMENT IN ACCORDANCE WITH ACI 301/ACI 318. LAP BARS AS INDICATED IN THE LAP SPLICE SCHEDULE ON SHEET S-001. WELDING OF STEEL REINFORCEMENT IS NOT PERMITTED.
- MINIMUM REINFORCING STEEL COVER: FOOTINGS 3", WALLS AND PIERS 2", ELEVATED SLABS 3/4", UNLESS INDICATED OTHERWISE.
- 9. SUPPORT STEEL REINFORCEMENT AND WELDED WIRE FABRIC BY APPROVED MATERIALS.
- 10. CURE ELEVATED SLABS BY MOIST CURING ONLY.
- 11. CURE CONCRETE AS SPECIFIED. CONCRETE NOT CURED WILL NOT BE ACCEPTED.
- 12. NONSHRINK GROUT: ASTM C1107, NONMETALLIC.
- 13. EPOXY GROUT: ASTM C881, TYPE IV OR V
- 14. EPOXY ADHESIVE: ASTM C881
- 15. CONCRETE SLAB FINISH

FLOOR FLATNESS AND LEVELNESS											
SLAB LOCATION	OVERAL	L VALUE	MIN LOCAL VALUE								
SLAB LOCATION	F	F _L	F _F	Ę							
SLAB ON GRADE	35	25	24	17							

- 16. PERFORM FLATNESS/LEVELNESS TESTS WITHIN 48 HOURS OF CONCRETE PLACEMENT. SUBMIT TEST RESULTS TO THE STRUCTURAL ENGINEER OF RECORD AND OWNER WITHIN 24 HOURS OF TEST COMPLETION.
- 17. INTERIOR SLABS-ON-GRADE: PROVIDE CONCRETE SLAB PROTECTION (BEYOND THE 7-DAY CURING PERIOD) UNTIL THE BUILDING ENVELOPE COMPLETELY ENCLOSES AND PROTECTS THE SLAB FROM WIND, SUN AND PRECIPITATION.
- 18. TAPE AND SEAL JOINTS IN VAPOR RETARDER AT EDGES AND UTILITY PENETRATIONS. SEAL VAPOR RETARDER TO CONCRETE AT EDGES.
- 19. SECURE ANCHOR RODS IN PLACE PRIOR TO PLACING CONCRETE. INCORRECTLY LOCATED OR OUT-OF-PLUMB ANCHORS MUST BE REPLACED AT NO COST TO THE OWNER. REPLACEMENT METHODS MUST BE AS DIRECTED BY THE OWNER.
- 20. COORDINATE FOUNDATION WORK WITH SOIL AND SOIL EXPLORATION NOTES ON SHEET C-001
- 21. COORDINATE SLAB FINISH REQUIRED FOR FLOORING TESTING AND INSTALLATION WITH FLOORING MANUFACTURER.
- 22. SLEEVES: AT SLEEVES LESS THAN 12" DIAMETER, NO ADDITIONAL REINFORCING REQUIRED. AT SLEEVES GREATER THAN 12", PROVIDE (2) #5'S HORIZONTAL OVER OPENING, EXTEND 1'-0" PAST OPENING ON EACH SIDE. BOND OUTS: AT RECTANGULAR BOND OUTS UP TO 9'-0" WIDE, PROVIDE (2) #5'S HORIZONTAL OVER OPENING, EXTEND 1'-0" PAST OPENING ON EACH SIDE AND (2) #5'S, 1'-0" LONG, CORNER BARS AT A 45 DEGREE ANGLE AT EACH CORNER OF BOND OUT ON EACH FACE OF FOUNDATION

STRUCTURAL STEEL

CONFORM WITH THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION'S "MANUAL OF STEEL CONSTRUCTION FIFTEENTH EDITION".

- STEEL FOR ROLLED SECTIONS: ASTM A992/A992M (Fy=50 KSI) STEEL FOR CONNECTIONS, ANGLES AND PLATES: ASTM A36 (Fy=36 KSI). STEEL FOR COLUMN BASE PLATES: ASTM A572/A572M (Fy=50 KSI). RECTANGULAR HOLLOW STRUCTURAL SECTIONS: ASTM A500, GRADE C. (Fv=50 KSI). ROUND HOLLOW STRUCTURAL SECTIONS: ASTM A500, GRADE C, (Fy=46 KSI).
- ANCHOR RODS: ASTM F1554, GRADE 55 (Fy=55 KSI). NUTS: ASTM A563, GRADE A
- 4. STRUCTURAL BOLTS: ASTM A325/A325M N, TYPE 1 OR ASTM F1852, TYPE 1, TENSION CONTROL. WASHERS: ASTM F436M. NUTS: ASTM A563M.
- WELDING: AWS D1.1 AND AWS D1.3, E70 ELECTRODE.
- GRIND EXPOSED WELDS SMOOTH.

WASHERS: ASTM F436, TYPE 1.

- LATERAL FORCE RESISTING COLLECTOR CONNECTIONS ARE AS INDICATED
- BEAM TO BEAM AND BEAM TO COLUMN CONNECTIONS ARE AS INDICATED. ALTERNATE CONNECTIONS THAT HAVE EQUAL OR GREATER STRENGTH ARE PERMITTED PROVIDED CACULATIONS PREPARED AND SIGNED AND SEALED BY A LICENSED PROFESSIONAL ENINGEER IN THE STATE OF MAINE ARE SUBMITTED FOR REVIEW.
- BRACING CONNECTIONS SCHEDULES AND DESIGN FORCES ARE INDICATED ON SHEET SF201. SUBMIT SHOP DRAWINGS AND DESIGN CALCULATIONS PREPARED BY A LICENSED PROFESSIONAL ENGINEER IN THE STATE OF MAINE.
- 10 FULLY TENSION BOLTS. USE TENSION CONTROL BOLTS ONLY.
- 11. COORDINATE TESTING AND INSPECTION OF FIELD-BOLTED CONNECTIONS ACCORDING TO RCSC'S I OAD AND RESISTANCE FACTOR DESIGN SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS".
 - 12. STONE VENEER LINTELS PER LINTEL SCHEDULE ON SHEET S-002. COORDINATE LOCATIONS AND SPANS WITH ARCHITECTURAL PLANS.

COLD-FORMED STEEL

- COLD-FORMED METAL FRAMING: GALVANIZED STEEL ASTM A653/A653M, GRADE 33 FOR TRACKS (Fy=33 KSI) G90 COATING. GRADE 50 FOR STUDS: (Fy=50 KSI) G90 COATING.
- PNEUMATIC FASTENING OF COLD-FORMED FRAMING IS NOT PERMITTED.
- SECTION PROPERTIES FOR WALL STUDS, TRACKS, HEADERS, AND SOFFIT FRAMING MUST BE AS REQUIRED BY STRUCTURAL PERFORMANCE.
- DESIGN COLD-FORMED STEEL CONNECTIONS IN ACCORDANCE WITH THE LATEST REVISION OF AISI'S "DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS". FOR THE REACTIONS REQUIRED. DESIGN COLD-FORMED CURTAIN WALLS FOR THE COMPONENT AND CLADDING WIND PRESSURES INDICATED ON SHEET S-003.
- DESIGN COLD-FORMED STEEL MEMBERS TO SUPPORT SUNSHADES FOR DEAD LOAD, SNOW LOAD AND COMPONENT AND CLADDING WIND FORCES. WIND FORCES MAY ACT IN POSITIVE AND NEGATIVE DIRECTIONS.
- LIMIT MAXIMUM PERMITTED WIND LOAD DEFLECTION OF EXTERIOR WALLS TO L/360 AT METAL PANEL SYSTEM.
- EXTERIOR WALL DEFLECTION TRACK MUST ALLOW FOR 1-1/2" OF DEFLECTION AT ROOF LEVELS.
- PREPARE DESIGN CALCULATIONS AND SHOP DRAWINGS BY A LICENSED PROFESSIONAL ENGINEER IN THE STATE OF MAINE AND SUBMIT FOR REVIEW PRIOR TO CONSTRUCTION OF FRAMING.

MASONRY

- CONFORM TO ACI 530-11/ASCE 5-11/TMS 402-11.
- CONCRETE MASONRY UNITS: ASTM C90, TYPE 1, NORMAL WEIGHT. MORTAR: ASTM C270. **GROUT: ASTM C476 FINE**
- DEFORMED REINFORCEMENT: ASTM A615/A615M, GRADE 60.
- CONCRETE MASONRY ASSEMBLIES TO HAVE THE FOLLOWING STRENGTHS MASONRY UNIT ASSEMBLY STRENGTH: F'm=3000 PSI. CONCRETE MASONRY UNITS COMPRESSIVE STRENGTH: Fc=4500 PSI GROUT STRENGTH: Fg=3000 PSI.
- SUBMIT SPECIFIED PRE-CONSTRUCTION TESTS TO THE STRUCTURAL ENGINEER OF RECORD AND THE OWNER PRIOR TO STARTING MASONRY CONSTRUCTION. DO NOT CONSTRUCT MASONRY WITHOUT THE REQUIRED PRE-CONSTRUCTION TESTING BEING PERFORMED. MASONRY CONSTRUCTED WITHOUT THE REQUIRED PRE-CONSTRUCTION TESTING WILL NOT BE ACCEPTED.
- COORDINATE DAILY MASONRY INSPECTIONS AS SPECIFIED. MASONRY CONSTRUCTED WITHOUT THE COMPLETION OF DAILY MASONRY INSPECTIONS WILL NOT BE ACCEPTED AND WILL BE REMOVED AND REPLACED AT NO ADDITIONAL COST TO THE OWNER.
- REINFORCE CONCRETE MASONRY WALLS AND PARTITIONS AS INDICATED WITH REINFORCED CELLS GROUTED SOLID AND GROUT REMAINING EMPTY CELLS SOLID, UNLESS NOTED OTHERWISE.
- DO NO MAKE HOLES OR PENETRATIONS THROUGH CMU BOND BEAMS.
- LAP SPLICE REINFORCING AS INDICATED ON FOUNDATION DETAILS AND MASONRY WALL ELEVATION SHEETS.

POST INSTALLED ANCHORS

- INSTALL POST INSTALLED ANCHORS IN ACCORDANCE WITH THE MANUFACTURER'S PRINTED INSTRUCTIONS. BASIS OF DESIGN ARE HILTI PRODUCTS. ALTERNATE PRODUCTS ARE ACCEPTABLE PROVIDED THEY HAVE EQUAL OR GREATER CAPACITIES. SUBMIT FOR REVIEW PRIOR TO INSTALLATION.
- 2. 5/8" DIAMETER ANCHORS/EXPANSION BOLTS MUST HAVE THE FOLLOWING MINIMUM ULTIMATE STRENGTH:
 - a. SHEAR = 14,725 LBS b. TENSION = 6,835 LBS.
- 3. ADHESIVE ANCHORS: HILTI HY-200 A V36 ADHESIVE. RODS = 5/8" DIAMETER.

STRUCTURAL GLUED LAMINATED TIMBER

- PROVIDE STRUCTURAL GLUED LAMINATED TIMBER IN ACCORDANCE WITH ANSI A190.1. AITC 110 AND ANSI 117.
- PROTECT STRUCTURAL GLUED LAMINATED TIMBER IN ACCORDANCE WITH AITC 111. REMOVE AND REPLACE DAMAGED FRAMING.
- **SPECIES AND GRADES:** VISUALLY GRADED SOUTHERN PINE (NO "WANE" PERMITTED) FOR ALL
- **GLUED LAMINTED TIMBER**
- BEAMS, PURLINS, AND BRACES: BEAM STRESS CLASSIFICATION = 24F-1.8E COMBINATION SYMBOL = SP/SP 24V-8 BALANCED. Fb = 2.400 PSI
 - Fv = 300 PSIFt = 1,150 PSIFc = 1,650 PSI
- E = 1,800,000 PSI
- COLUMNS: COMBINATION SYMBOL = SOUTHERN PINE, 49.
 - Fb = 1.550 PSI
 - Fv = 300 PSIFt = 1.350 PSI
 - Fc = 2,100 PSI (4 OR MORE LAMINATIONS)
 - E = 1,700,000 PSI
- INTERIOR METAL PLATES AND CONNECTORS MUST BE SHOP PRIMED AND PAINTED. FASTENERS SHALL BE FIELD PRIMED AND PAINTED. COORDINATE WITH **ARCHITECTRURAL**
- EXTERIOR MEMBERS MUST BE TREATED WITH AN APPROVED PRESERVATIVE WHICH PROVIDES A NATURAL APPEARANCE. INTERIOR MEMBERS MUST BE TREATED AS INDICATED IN THE SPECIFICATIONS.
- EXTERIOR METAL PLATES AND CONNECTORS MUST BE HOT-DIP GALVANIZED WITH A G90 COATING. FASTENERS SHALL BE HOT-DIP GALVANIZED. FIELD PAINT METAL PLATES, CONNECTORS, AND FASTENERS.
- DESIGN BRACED FRAME CONNECTIONS FOR THE FORCES INDICATED ON SHEET SF204. SUBMIT SHOP DRAWINGS AND DESIGN CALCULATIONS PREPARED BY A LICENSED PROFESSIONAL ENGINEER IN THE STATE OF MAINE.
- SEE BRACED FRAME CONNECTION DESIGN CRITERIA ON SHEET SF204.
- BASIS OF DESIGN FOR GLU-LAM CONNECTION HARDWARE IS BASED ON SIMPSON STRONG-TIE AND MTC SOLUTIONS. ALTERNATE PRODUCTS WITH EQUAL OR GREATER CAPACITIES ARE ACCEPTABLE. SUBMIT ALTERNATE PRODUCTS FOR REVIEW. SEE SHEET SF601 FOR GLU-LAM CONNECTION SCHEDULES AND DETAILS.

STEEL DECK

- STEEL DECKS: AISI SG03-3 AND STEEL DECK INSTITUTE "DESIGN MANUAL FOR COMPOSITE DECKS, FORM DECKS AND ROOF DECKS". DECK UNITS ASTM A653/A653 SQ, GRADE 40, COATING G90 FOR ASTM A653/A653M. FASTEN FLOOR DECK WITH 5/8" WELDS ON A 36/4 PATTERN WITH (6) #10 SCREWS PER SPAN (STITCH CONNECTION).
- STEEL COMPOSITE DECK = NON-CELLULAR, GRADE 40. MINIMUM DEPTH = 2" (MINIMUM DESIGN THICKNESS: 0.0598 IN (16 GAUGE)) MINIMUM SECTION MODULUS = $Sx = 0.611 \text{ IN}^3$ MINIMUM MOMENT OF INERTIA = $Ix = 0.653 IN^{-4}$
- PROVIDE CONCRETE POUR STOPS/CLOSURE ANGLES AT EDGES OF SLABS. SEE POUR STOP SCHEDULE ON THIS SHEET FOR POUR STOP SIZE AND MAXIMUM OVER HANG DISTANCE.

CROSS LAMINATED TIMBER

- PROVIDE CROSS LAMINATED TIMBER IN ACCORDACNE WITH ANSI/APA PRG 320-2012 ENTITLED STANDARD FOR PERFORMANCE RATED CROSS-LAMINATED TIMBER.
- 2. CLT PANELS MUST NOT BE MODIFIED IN THE FIELD WITHOUT WRITTEN APPROVAL BY THE STRUCTURAL ENGINEER OF RECORD.
- 3. CLT GRADE=E3
- 4. PLY THICKNESS= 1 3/8 IN
- 5. MAJOR STRENTH DIRECTION ALLOWABLE STRESS: Fb= 1,200 PSI E1= 1,700,000 PSI
- Ft= 600 PSI Fc=1,400 PSI Fv=110 PSI Fs=35 PSI
- MINOR STRENGTH DIRECTION ALLOWABLE STRESS: Fb= 350 PSI
- E= 900,000 PSI Ft= 150 PSI Fc- 475 PSI Fv= 110 PSI Fs= 35 PSI

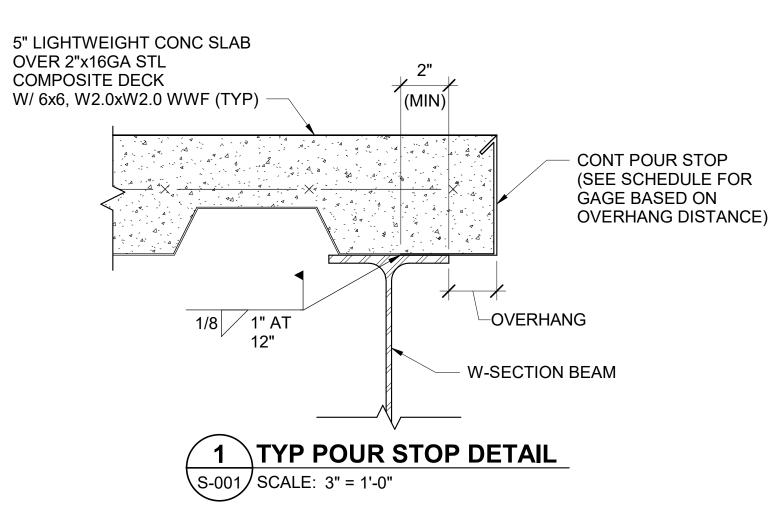
- WOOD FRAMING AND FASTENERS TO BE IN ACCORDANCE WITH THE 2015 INTERNATIONAL BUILDING CODE AND THE AMERICAN FOREST AND PAPER ASSOCIATION NATIONAL DESIGN SPECIFICATION (2015)(AFPA NDS).
- EACH PIECE OF LUMBER MUST BE "S-DRY" AND BEAR THE GRADE STAMP OF A GRADING RULES AGENCY APPROVED BY THE PS-20 "AMERICAN SOFTWOOD LUMBER STANDARDS COMMITTEE".
- MINIMUM STRUCTURAL PROPERTIES OF WOOD FRAMING ARE AS FOLLOWS: **ROOF RAFTERS:**
- SPRUCE-PINE-FIR NO. 2 OR BETTER WITH MINIMUM DESIGN VALUES: Fb=875 PSI, Fv=135 PSI, Ft=450 PSI, Fc = 1,150 PSI AND E=1,400,00 PSI. SPECIALTY TIMBER HEADER: WHITE OAK NO. 2 OR BETTER WITH MINIMUM DESIGN VALUES:

Fb=600 PSI, Fv=205 PSI, Ft=400 PSI, Fc = 400 PSI AND E=800,00 PSI.

- ROOF SHEATHING AT CETA BUILDING IS DESIGNED TO ACT AS A DIAPHRAGM
- PROVIDE NAILING (OTHER THAN ROOF DIAPHRAGM) IN ACCORDANCE WITH TABLE 2304.9.1 OF THE 2015 INTERNATIONAL BUILDING CODE UNLESS NOTED OTHERWISE.
- CONNECTION HARDWARE TO HAVE MINIMUM ALLOWABLE CAPACITIES AS INDICATED. INSTALL IN ACCORDANCE WITH THE MANUFACTURER'S PRINTED INSTRUCTIONS. DESIGN BASED ON SIMPSON STRONG TIE PRODUCTS ALTERNATE DESIGNS THAT MEET OR EXCEED THE REQUIRED DESIGN CAPACITIES ARE PERMITTED.
- BOLT HEADS AND NUTS BEARING ON WOOD TO HAVE STANDARD CUT WASHERS. DRILL BOLT HOLES 1/32-INCH IN DIAMETER LARGER THAN BOLT DIAMETER.
- BASIS OF DESIGN FOR CLT CONNECTION HARDWARE IS BASED ON SIMPSON STRONG-TIE PRODUCTS. ALTERNATE PRODUCTS WITH EQUAL OR GREATER CAPACITIES ARE ACCEPTABLE. SUBMIT ALTERNATE PRODUCTS FOR REVIEW.

MICROPILE NOTES

- LOCATION OF MICROPILES ARE INDICATED ON SHEET SB103.
- INCREASE MICROPILE DESIGN WALL THICKNESS BY 1/16-INCH TO ACCOUNT FOR CORROSION
- DEPTH OF DRILLED MICROPILE TO BE DETERMINED BY PILE INSTALLATION SUBCONTRACTOR. MINIMUM EMBEDMENT INTO SOLID BEDROCK IS 5'-0".
- SUBMIT MICROPILE INSTALLATION PLAN AND DESIGN CALCULATIONS SIGNED AND SEALED BY A LICENSED PROFESSIONAL ENGINEER IN THE STATE OF MAINE FOR REVIEW PRIOR TO INSTALLATION OF PILES.
- MICROPILE CASING SHALL EXTEND AT LEAST 8" INTO THE PILE CAP WITH ADDITIONAL REINFORCING EMBEDMENT TO PROVIDE FULL BEARING CAPACITY AND NOMINAL TENSILE CAPACITY.
- PERFORM ONE ACCEPTABLE MICROPILE COMPRESSION LOAD TEST AND ONE TENSION LOAD TEST IN ACCORDANCE WITH ASTM D1143. DO NOT LOAD MICROPILES UNTIL THE CEMENT GROUT HAS ATTAINED ITS FULL DESIGN STRENGTH. PILE TEST LOCATION TO BE DETERMINED BY ENGINEER OF RECORD FOR THE DESIGN OF THE DRILLED PILE SYSTEM.
- PERFORM CONTINUOUS SPECIAL INSPECTIONS DURING PILE INSTALLATION OPERATIONS REFER TO SPECIFICATION SECTION 01 45 35 FOR REQUIREMENTS. SUBMIT INSPECTION REPORTS TO THE OWNER WITHIN 48 HOURS OF COMPLETING INSPECTION.



TEMPORARY SHORING/BRACING NOTES FOR THE EXISTING BRICK MASONRY WALLS

- PROVIDE TEMPORARY SHORING/BRACING OF EXISTING PERIMETER UNREINFORCED MASONRY WALLS AND THE EXISTING PERIMETER BASEMENT FOUNDATION WALLS.
- SUBMIT TEMPORARY BRACING/SHORING PLANS AND DESIGN CALCULATIONS SIGNED AND SEALED BY THE LICENSED PROFESSIONAL ENGINEER RESPONSIBLE FOR THEIR PREPARATION PRIOR TO START OF WORK.
- TEMPORARY BRACING/SHORING MUST BE DESIGNED FOR THE FOLLOWING FORCES:
 - A. WIND PRESSURES ACTING PERPENDICULAR TO THE EXISTING EXTERIOR WALLS (WITH EXISTING FLOOR FRAMING REMOVED) FOR THE WIND VELOCITY, RISK CATEGORY AND EXPOSURE INDICATED ON SHEET S-002. INTERNAL WIND PRESSURES MUST INCLUDE MODIFICATIONS TO EXTERNAL WIND PRESSURE COEFFICIENT C DUE TO ANY OPENINGS IN ROOF STRUCTURE MADE FOR INSTALLATION OF FRAMING. REDUCTION FOR SHORT TERM LOADING PER ASCE 37 MAY BE APPLIED.
 - ACCELERATIONS AND SITE CLASS INDICATED ON SHEET S-002.
- C EXISTING FLOOR DEAD LOAD AND CONSTRUCTION LIVE LOADS THAT MAY ACT ON SHORING/BRACING SYSTEM.

SEISMIC FORCES ACTING PERPENDICULAR TO THE WALLS FOR THE GROUND

- DESIGN MUST INCLUDE ALL ASSOCIATED CONNECTIONS TO THE EXISTING WALLS AND ASSOCIATED TEMPORARY FOUNDATIONS OR ANCHORAGE POINTS WITH THE EXISTING
- DESIGN MUST INCLUDE METHODS OF PATCHING/REPAIRING WALLS AT CONNECTIONS POINTS TO MATCH EXISTING AS APPROVED BY THE OWNER.
- PREPARATION OF SHORING/BRACING PLAN MUST INCLUDE COORDINATION WITH THE DEMOLITION OF EXISTING FLOOR FRAMING AS INDICATED ON SHEETS D-101, D-102, D-201, AND
- TEMPORARY BRACING/SHORING PLAN MUST INCLUDE THE SEQUENCE OF THE ERECTION OF

TEMPORARY SHORING/BRACING AND SEQUENCE OF DEMOLITION OF EXISTING FLOOR FRAMING.

- INSTALLATION OF TEMPORARY SHORING/BRACING MUST BE COORDINATED WITH INSTALLATION OF FLOOR FRAMING INCLUDING CROSS LAMINATED TIMBER FLOORS/TOPPING SLABS AND ANCHORAGE TO PERIMETER UN-REINFORCED MASONRY
- CROSS LAMINATED TIMBER FLOORS/TOPPING SLABS AND ASSOCIATED ANCHORAGE TO PERIMETER UN-REINFORCED MASONRY WALLS WILL PROVIDE PERMANENT BRACING OF THE
- DEMOLITION OF EXISTING FRAMING MUST NOT START UNTIL TEMPORARY SHORING/BRACING
- 11 DEMOLITION OF EXISTING FRAMING MUST NOT START UNTIL TEMPORARY SHORING/BRACING INSTALLATION HAS BEEN REVIEWED AND APPROVED BY THE BRACING/SHORING ENGINEER OF RECORD
- 12. TEMPORARY SHORING/BRACING MUST REMAIN IN PLACE UNTIL PERMANENT WALL BRACING IS IN PLACE AS APPROVED BY THE BRACING/SHORING ENGINEER OF RECORD AND OWNER.

GENERAL NOTES

- PROVIDE TEMPORARY SUPPORT OF FRAMING DURING CONSTRUCTION TO PREVENT FAILURE AND DAMAGE.
- COORDINATE THE LOCATION OF CONCRETE AND STEEL MEMBERS WITH ARCHITECTURAL, CIVIL, MECHANICAL, PLUMBING, FIRE PROTECTION, SECURITY, COMMUNICATIONS, AND ELECTRICAL PLANS AND DETAILS.

PLAN HAS BEEN REVIEWED AND APPROVED BY THE OWNER

- COORDINATE THE REQUIRED TESTS AND INSPECTIONS THAT ARE TO BE COMPLETED AND SUBMITTED PRIOR TO ACCEPTANCE OF COMPLETED WORK. MATERIAL PLACED WITHOUT THE REQUIRED QUALITY CONTROL TESTS OR REQUIRED INSPECTIONS BEING PERFORMED WILL NOT BE ACCEPTED. TESTS AND INSPECTIONS PERFORMED BY OWNER'S INSPECTION/TESTING AGENCY.
- CONSTRUCTION IS SUBJECT TO SPECIAL INSPECTIONS IN ACCORDANCE WITH CHAPTER 17 OF IBC 2015. NOTIFY THE OWNER OF IDENTIFIED DEFICIENCIES. NOTIFY THE OWNER AFTER DEFICIENCIES HAVE BEEN CORRECTED.
- NO DEVIATIONS FROM CONTRACT DRAWINGS ARE PERMITTED.
- REFER TO CIVIL DRAWINGS REGARDING INFORMATION AND LIMITATIONS PERTINENT TO SITE SUBSURFACE SOIL CONDITIONS.

REINFORCED CONCRETE REINFORCING STEEL LAP SPLICE SCHEDULE **BAR SIZE** MINIMUM LAP LENGTH 2'-5" 3'-0" 3'-0" 3'-9" 4'-6" 5'-1" LAP SPLICE LENGTH MUST BE AS SHOWN ABOVE UNLESS NOTED OTHERWISE.

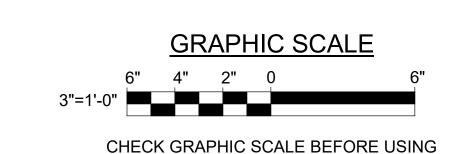
2. INCREASE SPLICE LENGTH BY 1.3 FACTOR

FOR HORIZONTAL REINFORCEMENT WITH

MORE THAN 12" OF FRESH CONRETE

CAST BELOW.

JOITE	DULE
OVERHANG (IN)	GAGE
0-1	20
2-3	18
4-5	16
6-7	14
8-9	12
10-11	10
NOTES:	
1. SEE DETAIL 1/S-001.	



DEPARTMENT OF INLAND FISHERIES & WILDLIFE NEW OFFICE HEADQUARTERS DAVID N. MARTIN AUGUSTA, ME STRUCTURAL NOTES MILSSIONAL V OAK POINT DA M DRAWING NO. 3 03/13/2025 ADDENDUM NO. 6 DRAWN BY: M.J.C. ASSOCIATES S-001 2 03/06/2025 ADDENDUM NO. 5 DNM CHECK BY: DNM 1 02/28/2025 ADDENDUM NO. 3 SHEET NO. NO. DATE DESCRIPTION 207.283.0193 45 OF 239 REVISIONS DATE 01/29/2025 231 Main Street, Biddeford, Maine 04005

STRUCTURAL ABBREVIATIONS:

PLUS OR MINUS ANGLE AMERICAN CONCRETE INSTITUTE ACI ARCHITECTURAL EXPOSED STRUCTURAL STEEL AFF ABOVE FINISH FLOOR AMERICAN IRON AND STEEL INSTITUTE AMERICAN INSTITUTE OF TIMBER CONSTRUCTION ALT ALTERNATE AMERICAN PLYWOOD ASSOCIATION ARCHITECTURAL AMERICAN SOCIETY OF CIVIL ENGINEERS AMERICAN SOCIETY FOR TESTING AND MATERIALS AMERICAN WELDING SOCIETY BOTTOM OF GRADE BEAM ELEVATION BRACED FRAME BOTTOM OF FOOTING ELEVATION BLDG BUILDING BOTTOM OF MAT ELEVATION BASE PLATE

/3____BME BOTTOM OF PILE CAP ELEVATION BRICK/BLOCK SHELF ELEVATION COMBINED FOOTING CONTROL JOINT CENTERLINE

CEILING CROSS LAMINATED TIMBER CMU CONCRETE MASONRY UNIT COL COLUMN CONC CONCRETE CONNECTION CONN CONTINUOUS CONT DIA DIAMETER DWG DRAWING

MODULUS OF ELASTICITY EΑ EACH **EXPANSION JOINT ELECTRICAL ELEV ELEVATION** EOD **EDGE OF DECK** EDGE OF SLAB

EQ **EQUAL EQUIPMENT EQUIP EXIST EXISTING** EXT **EXTERIOR** CONCRETE COMPRESSIVE STRENGTH MASONRY COMPRESSIVE STRENGTH

FND **FOUNDATION** FOOTING YIELD STRESS GAUGE GALVANIZED GYP BD GYPSUM BOARD HEIGHT

HORIZ HORIZONTAL HSS HOLLOW STRUCTURAL SECTION **IBC** INTERNATIONAL BUILDING CODE

INCH INSULATION INVERT KIPS PER SQUARE INCH POUNDS

MAXIMUM MAX **MECHANICAL** MOMENT FRAME MANUFACTURER MINIMUM MASONRY OPENING MILES PER HOUR METAL

OCON CENTER OPNG OPENING PCF POUNDS PER CUBIC FOOT PSF POUNDS PER SQUARE FOOT POUNDS PER SQUARE INCH

NOT APPLICABLE

NUMBER

RESEARCH COUNCIL ON STRUCTURAL CONNECTIONS REINF REINFORCED REQ'D REQUIRED

SUSPENDED ACOUSTICAL TILE SIM SIMILAR STL STEEL TMS THE MASONRY SOCIETY

TOS TOP OF STEEL **TPE** TOP OF PIER ELEVATION TSE TOP OF SHELF ELEVATION **TWE** TOP OF WALL ELEVATION

TYP **TYPICAL** VERTICAL WITH **WORKING POINT** WELDED WIRE FABRIC

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BUILDING DESIGN LOADS (EXISTING BUILDING)

ROOF SNOW LOAD (ROOF LIVE LOAD) ASCE 7-10/IBC 2015

GROUND SNOW LOAD (Pg) = 70 PSF SNOW EXPOSURE FACTOR (Ce) = 1.0 SNOW LOAD ROOF SLOPE FACTOR (Cs) = 1.0 SNOW LOAD THERMAL FACTOR (Ct) = 1.1 SNOW LOAD IMPORTANCE FACTOR (I) = 1.00

BALANCED ROOF SNOW LOAD (Pf) = 56 PSF SNOW DRIFTING (Pd) = VARIES, SEE SHEET S-005

ROOF DEAD LOAD = 18 PSF

FLOOR DEAD LOAD = 58 PSF

FLOOR LIVE LOADS: OFFICE = 50 PSF + 15 PSF (PARTITIONS) FIRST FLOOR CORRIDOR = 100 PSF SECOND FLOOR CORRIDOR = 80 PSF

ESTIMATED EXISTING ELEVATED FLOOR SLAB DEAD LOAD = 35 PSF ESTIMATED EXISTING ELEVATED FLOOR SLAB LIVE LOAD CAPACITY = 20 PSF

my more manufactured and the second s WIND LOAD ASCE 7-10/IBC 2015

BASIC WIND SPEED V_{ULT} = 109 MPH BASIC WIND SPEED V_{ASD}= 85 MPH WIND RISK CATEGORY = II WIND EXPOSURE = EXPOSURE C BUILDING TYPE = "ENCLOSED" WIND DESIGN PRESSURE: MAIN WIND FORCE RESISTING SYSTEM = 30 PSF (MAXIMUM PRESSURE)

SEISMIC DESIGN DATA ASCE 7-10/IBC 2015

SHORT PERIOD SPECTRAL RESPONSE ACCELERATION (Ss) = 0.317 ONE SECOND SPECTRAL RESPONSE ACCELERATION (S₄) = 0.078 OCCUPANCY CATEGORY = II SEISMIC DESIGN CATEGORY = B SEISMIC IMPORTANCE FACTOR = 1.00 SITE CLASS = D TOTAL BASE SHEAR = 217 KIPS

BASIC STRUCTURAL SYSTEM

INTERMEDIATE REINFORCED CONCRETE MASONRY SHEAR WALLS RESPONSE MODIFICATION COEFFICIENT (R) = 3.50 DEFLECTION AMPLIFICATION FACTOR (Cd) = 2.25 SYSTEM OVER STRENGTH FACTOR (\bigcirc o) = 2.50 STEEL BRACED FRAMES (NOT DETAILED) RESPONSE MODIFICATION COEFFICIENT (R) = 3.00DEFLECTION AMPLIFICATION FACTOR (Cd) = 3.00 SYSTEM OVER STRENGTH FACTOR (Ω o) = 3.00

ANALYSIS PROCEDURE = EQUIVALENT LATERAL FORCE PROCEDURE

DESIGN SOIL BEARING PRESSURE = 1,500 PSF

MECHANICAL EQUIPMENT MAXIMUM WEIGHTS USED IN DESIGN: MAXIMUM MECHANICAL UNIT DEAD LOAD MUST NOT EXCEED 50 POUNDS PER SQUARE FOOT (PSF).

NOTES:

1. SEISMIC LOAD RESISTING SYSTEM CONSISTS OF THE FOLLOWING:

- A. VERTICAL ELEMENTS REINFORCED CONCRETE MASONRY SHEAR WALLS AND STEEL BRACED FRAMES (NOT DETAILED).
- HORIZONTAL ELEMENTS COMPOSITE STEEL DECK AND CONCRETE SLAB DIAPHRAGMS.
- C. COLLECTOR ELEMENTS BEAMS WHERE INDICATED.

BUILDING DESIGN LOADS (NEW BUILDINGS)

ROOF SNOW LOAD (ROOF LIVE LOAD) ASCE 7-10/IBC 2015

GROUND SNOW LOAD (Pg) = 70 PSF SNOW EXPOSURE FACTOR (Ce) = 1.0 SNOW LOAD ROOF SLOPE FACTOR (Cs) = 1.0 SNOW LOAD THERMAL FACTOR (Ct) = 1.1 SNOW LOAD IMPORTANCE FACTOR (I) = 1.0

BALANCED ROOF SNOW LOAD (Pf) = 56 PSF SNOW DRIFTING (Pd) = VARIES, SEE SHEET S-005

ROOF DEAD LOAD = 18 PSF

FLOOR DEAD LOAD = 58 PSF FLOOR LIVE LOADS: OFFICE = 50 PSF + 15 PSF (PARTITIONS) STORAGE = 125 PSF FIRST FLOOR CORRIDOR = 100 PSF SECOND FLOOR CORRIDOR = 80 PSF

WIND LOAD ASCE 7-10/IBC 2015 BASIC WIND SPEED V_{ULT} = 109 MPH BASIC WIND SPEED V_{ASD}= 85 MPH WIND RISK CATEGORY = II WIND EXPOSURE = EXPOSURE C BUILDING TYPE = "ENCLOSED" WIND DESIGN PRESSURE: MAIN WIND FORCE RESISTING SYSTEM = 24 PSF

SEISMIC DESIGN DATA ASCE 7-10/IBC 2015

SHORT PERIOD SPECTRAL RESPONSE ACCELERATION (Ss) = 0.317 ONE SECOND SPECTRAL RESPONSE ACCELERATION (S₁) = 0.078 OCCUPANCY CATEGORY = II SEISMIC DESIGN CATEGORY = B SEISMIC IMPORTANCE FACTOR = 1.00 SITE CLASS = D

TOTAL BASE SHEAR = 295 KIPS (SOUTH ADDITION) 46 KIPS (NORTH ADDITION)

BASIC STRUCTURAL SYSTEM

(MAXIMUM PRESSURE)

INTERMEDIATE REINFORCED CONCRETE MASONRY SHEAR WALLS RESPONSE MODIFICATION COEFFICIENT (R) = 3.50 DEFLECTION AMPLIFICATION FACTOR (Cd) = 2.25 SYSTEM OVER STRENGTH FACTOR (Ω o) = 2.50 CROSS LAMINATED TIMBER SHEAR WALLS RESPONSE MODIFICATION COEFFICIENT (R) = 3.00 DEFLECTION AMPLIFICATION FACTOR (Cd) = 3.00 SYSTEM OVER STRENGTH FACTOR (Ω o) = 3.00

ANALYSIS PROCEDURE = EQUIVALENT LATERAL FORCE PROCEDURE

DESIGN SOIL BEARING PRESSURE = 1,500 PSF

<u>MECHANICAL EQUIPMENT MAXIMUM WEIGHTS USED IN DESIGN:</u>

MAXIMUM MECHANICAL UNIT DEAD LOAD MUST NOT EXCEED 50 POUNDS PER SQUARE FOOT (PSF).

1. SEISMIC LOAD RESISTING SYSTEM CONSISTS OF THE FOLLOWING:

- A. VERTICAL ELEMENTS REINFORCED CONCRETE MASONRY SHEAR WALLS AND CROSS LAMINATED TIMBER SHEAR WALLS.
- HORIZONTAL ELEMENTS CROSS LAMINATED TIMBER DIAPHRAGMS.
- C. COLLECTOR ELEMENTS BEAMS AND HORIZONTAL BRACES WHERE INDICATED.

BUILDING DESIGN LOADS (BRIDGE)

ROOF SNOW LOAD (ROOF LIVE LOAD) ASCE 7-10/IBC 2015 GROUND SNOW LOAD (Pg) = 70 PSF SNOW EXPOSURE FACTOR (Ce) = 1.0 SNOW LOAD ROOF SLOPE FACTOR (Cs) = 1.0 SNOW LOAD THERMAL FACTOR (Ct) = 1.2 SNOW LOAD IMPORTANCE FACTOR (I) = 1.0

BALANCED ROOF SNOW LOAD (Pf) = 44 PSF

DEAD LOAD = 70 PSF

LIVE LOADS = 100 PSF

WIND LOAD ASCE 7-10/IBC 2015 BASIC WIND SPEED V_{ULT} = 109 MPH BASIC WIND SPEED V_{ASD}= 85 MPH WIND RISK CATEGORY = II WIND EXPOSURE = EXPOSURE C BUILDING TYPE = "ENCLOSED" WIND DESIGN PRESSURE: MAIN WIND FORCE RESISTING SYSTEM = 30 PSF (MAXIMUM PRESSURE)

SEISMIC DESIGN DATA ASCE 7-10/IBC 2015

SHORT PERIOD SPECTRAL RESPONSE ACCELERATION (Ss) = 0.317 ONE SECOND SPECTRAL RESPONSE ACCELERATION (S₁) = 0.078 OCCUPANCY CATEGORY = II SEISMIC DESIGN CATEGORY = B SEISMIC IMPORTANCE FACTOR = 1.00 SITE CLASS = D TOTAL BASE SHEAR = 11 KIPS

ANALYSIS PROCEDURE = EQUIVALENT LATERAL FORCE PROCEDURE

DESIGN SOIL BEARING PRESSURE = 1,500 PSF

EXCAVATION BRACING/SHORING NOTES

PROVIDE EXCAVATION BRACING/SHORING DESIGN AND EXCAVATION PLAN REQUIRED FOR THE INSTALLATION OF FOUNDATIONS ON SHEETS SB102 AND SB104 THAT ARE ADJACENT, AND HAVE BOTTOM OF FOOTING ELEVATIONS LOWER THAN ADJACENT EXISTING FOOTINGS. TEMPORARY BRACING/SHORING MUST BE DESIGNED TO PREVENT DAMAGE TO ADJACENT EXISTING STRUCTURE AND TO PREVENT UNDERMINING OF EXISTING FOUNDATIONS. IDENTIFY ANY BRACING/SHORING ELEMENTS THAT ARE TO REMAIN IN PLACE, IF REQUIRED.

BRACING/SHORING DESIGN MUST, AS A MINIMUM, INCLUDE THE FOLLOWING: a. CALCULATION OF LATERAL SOIL PRESSURES USED FOR DESIGN.

b. CALCULATION OF IMPOSED CONSTRUCTION DEAD AND LIVE LOADS.

c. DESIGN OF BRACING/SHORING MEMBERS AND ASSOICATED CONNECTIONS.

EXCAVATION PLAN, AS A MINIMUM, MUST INCLUDE THE FOLLOWING: a. PRE-CONSTRUCTION SURVEY OF EXISTING BUILDING FOUNDATION WALLS THAT MUST INCLUDE ELEVATIONS OF TOPS OF EXISTING FOUNDATION WALLS, DOCUMENTATION OF ANY EXISTING CRACKS OR OTHER DISTRESS IN THE EXISTING FOUNDATIONS AND SUPPORTED STRUCTURE. DOCUMENTATION MUST INCLUDED MEASURED ELEVATIONS AND LOCATIONS OF ANY EXISTING CRACKS OR DISTRESS. PHOTOGRAPHIC DOCUMENTATION MUST BE PROVIDED FOR ALL OBSERVED EXISTING CRACKS OR DISTRESS.

> b. SEQUENCE OF THE INSTALLATION OF EXCAVATION BRACING/SHORING SYSTEM. INSTALLATION OF EXCAVATION BRACING AND SHORING MUST BE INSPECTED BY THE LICENSED PROFESSIONAL ENGINEER RESPSONSIBLE FOR THE DESIGN PRIOR TO COMMENCING EXCAVATION FOR CONSTRUCTION OF FOUNDATIONS.

c. METHODS USED TO MONITOR BUILDING SETTLEMENT/MOVEMENT DURING INSTALLATION OF EXCAVATION BRACING/SHORING SYSTEM AS WELL AS DURING CONSTRUCTION OF ADJACENT FOUNDATIONS.

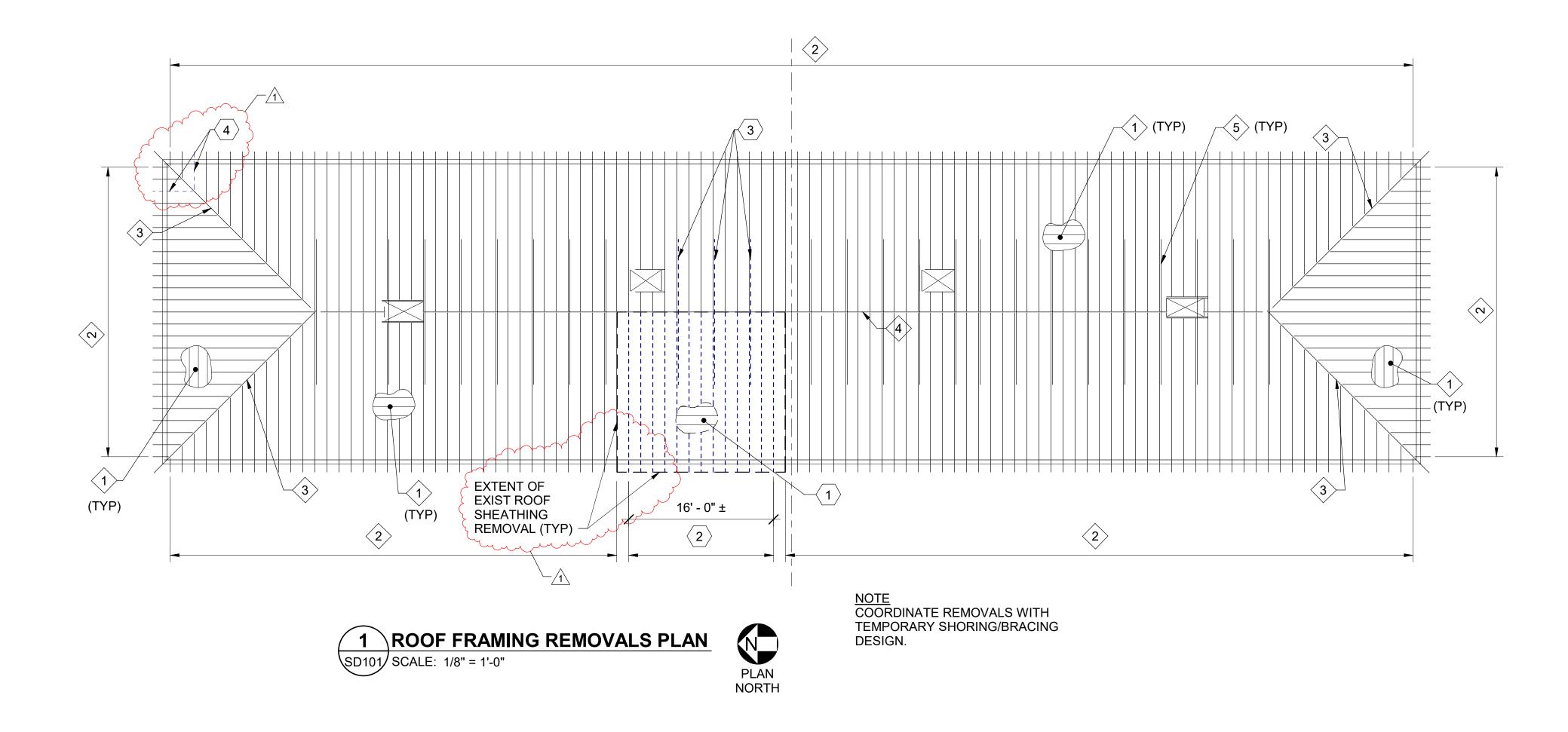
d. POST-CONSTRUCTION SURVEY OF EXISTING FOUNDATION WALLS

THAT MUST INCLUDE ELEVATIONS OF TOPS OF EXISTING FOUNDATION WALLS, DOCUMENTATION OF ANY CRACKS OR OTHER DISTRESS IN THE **EXISTING FOUNDATIONS AND SUPPORTED STRUCTURE** DOCUMENTATION MUST INCLUDE MEASURED ELEVATIONS AND LOCATIONS OF ANY EXISTING CRACKS OR DISTRESS. PHOTOGRAPHIC DOCUMENTATION MUST BE PROVIDED FOR ALL OBSERVED EXISTING CRACKS OR DISTRESS. FINAL POST CONSTRUCTION SURVEY MUST BE SUBMITTED TO OWNER FOR REVIEW.

STONE VENEER LINTEL SCHEDULE LENGTH END BEARING LINTEL SIZE ≤ 4'-0" $\angle 3$ -1/2x3-1/2x1/4 > 4'-0" TO 8'-6" \angle 5x3-1/2x3/8 (LLV) > 8'-6" TO 11'-6" ∠ 6x4x3/8 (LLV) GALVANIZE LINTELS.

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				MAINTE	FISHERIES & WILDLIFE							
				DAVID N.	TITLE NEW OFFICE HEADQUARTERS							
			T	★ MARTIN ★ Î	LOCATION AUGUSTA, ME							
				CENSED SINKER	STRUCTURAL DESIGN LOADS AND ABBREVIATIONS							
	00/40/000		5	the authorities								
3	03/13/2025	ADDENDUM NO. 6	DNM	DRAWN BY: MJC	OAK POINT PAR DRAWING NO.							
2	03/06/2025	ADDENDUM NO. 5	DNM		ASSOCIATES IN S-002							
1	02/28/2025	ADDENDUM NO. 3	DNM	CHECK BY: DNM								
NO.	DATE	DESCRIPTION	BY	NO.	SHEET NO.							
		REVISIONS	•	DATE 01/29/2025	231 Main Street, Biddeford, Maine 04005 207.283.0193 46 OF 239							



EXISTING KEYNOTES (THIS SHEET ONLY)

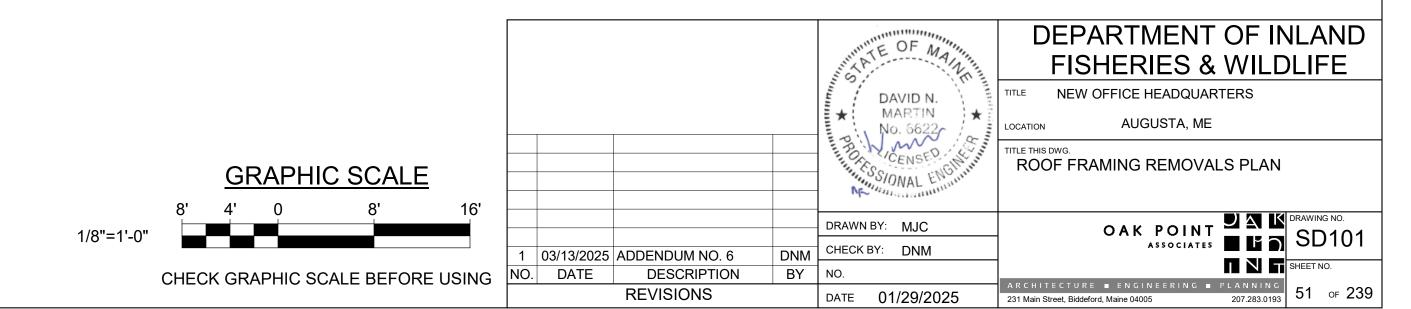
- 1 EXISTING WOOD BOARD ROOF SHEATHING.
- 2 EXISTING 2x10± WOOD RAFTERS AT 1'-4"± ON-CENTER.
- 3 EXISTING 3x12± WOOD HIP MEMBER.
- 4 EXISTING 2x12± WOOD RIDGE BOARD.
- 5 EXISTING COLLAR TIE.

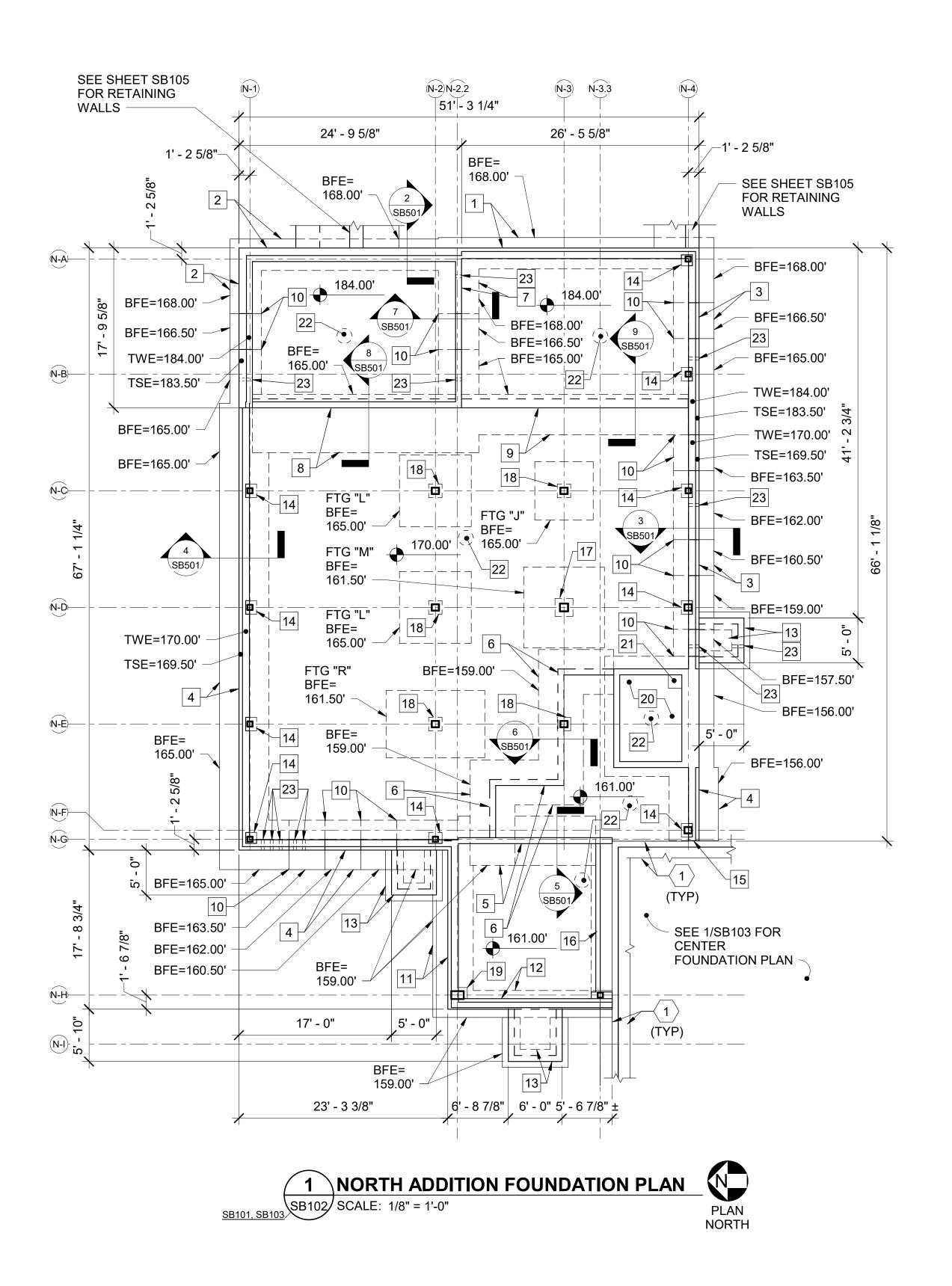
REMOVALS KEYNOTES (THIS SHEET ONLY)

- 1 REMOVE EXISTING WOOD BOARD ROOF SHEATHING.
- 2 REMOVE EXISTING 2x10± WOOD JOISTS AT 1'-4"± ON-CENTER.
- (3) REMOVE EXISTING COLLAR TIE

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REMOVE (2) EXISTING 2x10± RAFTERS AT THE EXISTING CRACKED HIP MEMBER. TEMPORARILY SHORE EXISTING ROOF DECK UNTIL THE HIP MEMBER HAS BEEN REPAIRED. COORDINATE WITH CRACK REPAIR KEYNOTE 15 ON SHEET SF105.





		COMBINED	FOOTING SCHE	DULE
	TYPE	SIZE	LONG WAY REINFORCING	SHORT WAY REINFORCING
	CF1	11'-8"x5'-0"x1'-0"	TOP: (5) #5'S BOTTOM: (5) #5'S	TOP: NR BOTTOM: (8) #5'S
	CF2	12'-8"x7'-0"x1'-0"	TOP: (6) #5'S BOTTOM: (6) #5'S	TOP: NR BOTTOM: (11) #5'S
	CF3	13'-8"x11'-0"x1'-0"	TOP: (10) #5'S BOTTOM: (10) #5'S	TOP: NR BOTTOM: (12) #5'S
	CF4	19'-6"x12'-0"x1'-6"	TOP: (16) #5'S BOTTOM: (16) #5'S	TOP: NR BOTTOM: (18) #5'S
1	CF5	NOT USED		
	CF6	16'-3"x9'-0"x1'-6"	TOP: (12) #5'S BOTTOM: (12) #5'S	TOP: NR BOTTOM: (15) #5'S

				_
LABEL	SIZE	BOTTOM REINFORCING	TOP REINFORCING	REMARKS
Α	3'-0"x3'-0"x1'-0"	(4) #5'S EW	NR	
В	3'-6"x3'-6"x1'-0"	(4) #5'S EW	NR	
С	4'-0"x4'-0"x1'-0"	(6) #5'S EW	NR	
D	4'-0"x4'-0"x1'-6"	(6) #5'S EW	NR	MATCH CONT FTG THICKNESS
Е	4'-6"x4'-6"x1'-0"	(5) #5'S EW	NR	
F	5'-0"x5'-0"x'1'-4"	(6) #5'S EW	NR	
G	5'-6"x5'-6"x1'-4"	(7) #5'S EW	NR	
Н	6'-0"x6'-0"x1'-4"	(7) #5'S EW	NR	
J	6'-6"x6'-6"x1'-0"	(7) #5'S EW	NR	
K	7'-0"x7'-0"x1'-4"	(8) #5'S EW	NR	
L	8'-0"x8'-0"x1'-0"	(9) #5'S EW	NR	
М	9'-0"x9'-0"x1'-0"	(8) #5'S EW	NR	
N	10'-0"x10'-0"x1'-0"	(9) #5'S EW	NR	
Р	11'-0"x11'-0"x1'-3"	(12) #5'S EW	NR	
Q	12'-0"x12'-0"x1'-3"	(10) #5'S EW	NR	
R	7'-6"x11'-0"x1'-0"	(7)#5'S LW, (11) #5'S SW	NR	

GENERAL NOTES (THIS SHEET ONLY)

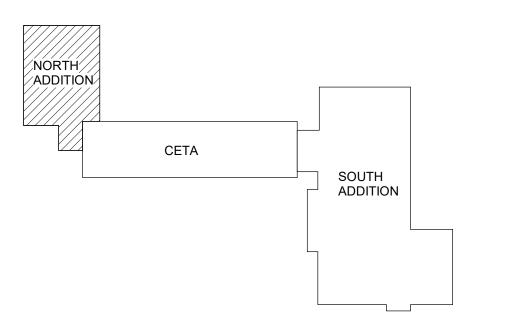
- 1. REFER TO SHEET SB101 FOR SLAB CONTROL JOINTS AND EXPANSION JOINT LAYOUTS.
- 2. REFER TO THIS SHEET FOR FOOTING SCHEDULES.
- 3. REFER TO SHEET SF604 FOR COLUMN BASE PLATE SCHEDULE.
- 4. REFER TO PLUMBING DRAWINGS FOR FLOOR DRAIN LOCATIONS IN SLABS. PITCH SLAB-ON-GROUND TO FLOOR DRAINS AS REQUIRED.
- BOTTOM OF ISOLATED INTERIOR COLUMN FOOTINGS SHALL BE 165.00', UNLESS NOTED OTHERWISE.
- 6. REFER TO SHEET SB404 FOR ENLARGED PIER PLANS.
- PROVIDE FOUNDATION WALL AND SLAB-ON-GROUND CONSTRUCTION JOINTS AT EACH EDGE OF CONCRETE PLACEMENT IN ACCORDANCE WITH DETAILS 3/SB101 AND 5/SB502.
- REFER TO SHEET S-006 FOR COLUMN GRID SPACING.
- 9. PROVIDE CONTROL JOINTS IN FOUNDATION WALLS LOCATED BELOW STONE VENEER CONTROL JOINTS AND AT A MAXIMUM SPACING OF 20'-0". COORDINATE WITH ARCHITECTURAL WALL ELEVATIONS FOR LOCATION OF CONTROL JOINTS. CONTROL JOINTS SHALL BE MADE BY 3/4" x 3/4" INSERTS ATTACHED TO FOUNDATION WALL FORMWORK.
- 10. COORDINATE WITH EXCAVATION BRACING/SHORING NOTES ON SHEET S-002 FOR WORK ADJACENT TO EXISTING STRUCTURE.

EXISTING KEYNOTES (THIS SHEET ONLY)

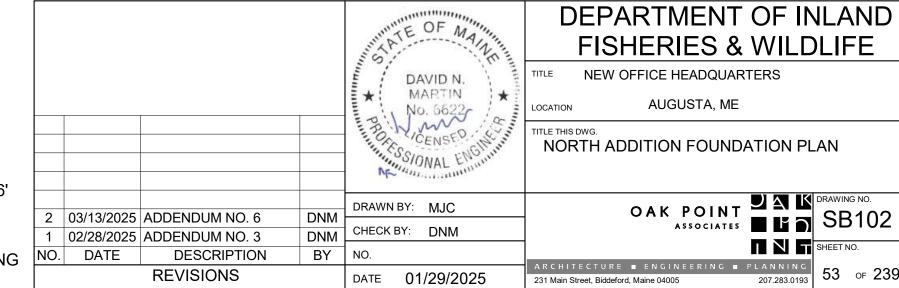
EXISTING TAPERED FOUNDATION WALL.

KEYNOTES (THIS SHEET ONLY)

- 1'-2" REINFORCED CONCRETE FOUNDATION WALL AND 3'-0"x1'-0" THICK REINFORCED CONCRETE WALL FOOTING. SEE DETAIL 1/SB501.
- 2 1'-6" REINFORCED CONCRETE FOUNDATION WALL AND 3'-6"x1'-0" THICK REINFORCED CONCRETE WALL FOOTING. SEE DETAIL 2/SB501.
- 1'-2" REINFORCED CONCRETE FOUNDATION WALL AND 4'-6"x1'-0" THICK REINFORCED CONCRETE WALL FOOTING. SEE DETAIL 3/SB501.
- 1'-2" REINFORCED CONCRETE FOUNDATION WALL AND 5'-6"x1'-0" THICK
- REINFORCED CONCRETE WALL FOOTING. SEE DETAIL 4/SB501.
- 8" REINFORCED CONCRETE FOUNDATION WALL AND 6'-6"x1'-0" THICK REINFORCED CONCRETE WALL FOOTING. SEE DETAIL 5/SB501.
- 8" REINFORCED CONCRETE RETAINING WALL AND 5'-0"x1'-4" THICK REINFORCED CONCRETE WALL FOOTING. SEE DETAIL 6/SB501.
- 7 8" REINFORCED CONCRETE FOUNDATION WALL AND 4'-6x1'-0" THICK
- REINFORCED CONCRETE WALL FOOTING. SEE DETAIL 7/SB501.
- 8 1'-0" REINFORCED CONCRETE RETAINING WALL AND 6'-6"x1'-6" THICK REINFORCED CONCRETE WALL FOOTING. SEE DETAIL 8/SB501.
- 9 1'-0" REINFORCED CONCRETE RETAINING WALL AND 4'-6"x1'-6" THICK REINFORCED CONCRETE WALL FOOTING. SEE DETAIL 9/SB501.
- 10 STEP FOOTING. SEE DETAIL 4/SB502.
- 11 1'-2" REINFORCED CONCRETE FOUNDATION WALL AT CLT WALL PANEL WITH 4'-6"x1'-0" THICK REINFORCED CONCRETE WALL FOOTING. SEE DETAILS 3/SB501 (SIMILAR) AND 7/SF511.
- 1'-2" REINFORCED CONCRETE FOUNDATION WALL AND 3'-0"x1'-0" THICK REINFORCED CONCRETE WALL FOOTING. SEE DETAIL 10/SB501.
- REINFORCED CONCRETE STOOP. SEE DETAIL 10/SB501.
- REINFORCED CONCRETE PILASTER. SEE DETAIL 3/SB503.
- PIN FOUNDATION WALL TO EXISTING FOUNDATION WALL.
- 16 REINFORCED CONCRETE WALL CAST AGAINST EXISTING TAPERED
- FOUNDATION WALL. SEE DETAIL 4/SB503.
- 2'-0"x2'-0" REINFORCED CONCRETE PIER. SEE DETAIL 4/SF604.
- 1'-6"x1'-6" REINFORCED CONCRETE PIER. SEE DETAIL 5/SF604.
- 1'-0"x1'-3" REINFORCE CONCRETE PILASTER. TOP OF PILASTER ELEVATION = 169.58'. SEE DETAIL 2/SB404.
- REINFORCED CONCRETE ELEVATOR PIT. SEE DETAIL 6/SB502 (SIMILAR).
- 1'-6"x1'-6"x2'-0" DEEP REINFORCED SUMP PIT. SEE DETAIL 7/SB502 (SIMILAR).
- RADON PIT. SEE DETAIL 3/SB502.
- CORE/SLEEVE HOLE IN FOUNDATION WALL FOR UTILITY PENETRATION. COORDINATE EXACT SIZE, LOCATION, ELEVATION, AND QUANTITY WITH CIVIL, PLUMBING, AND ELECTRICAL PLANS.





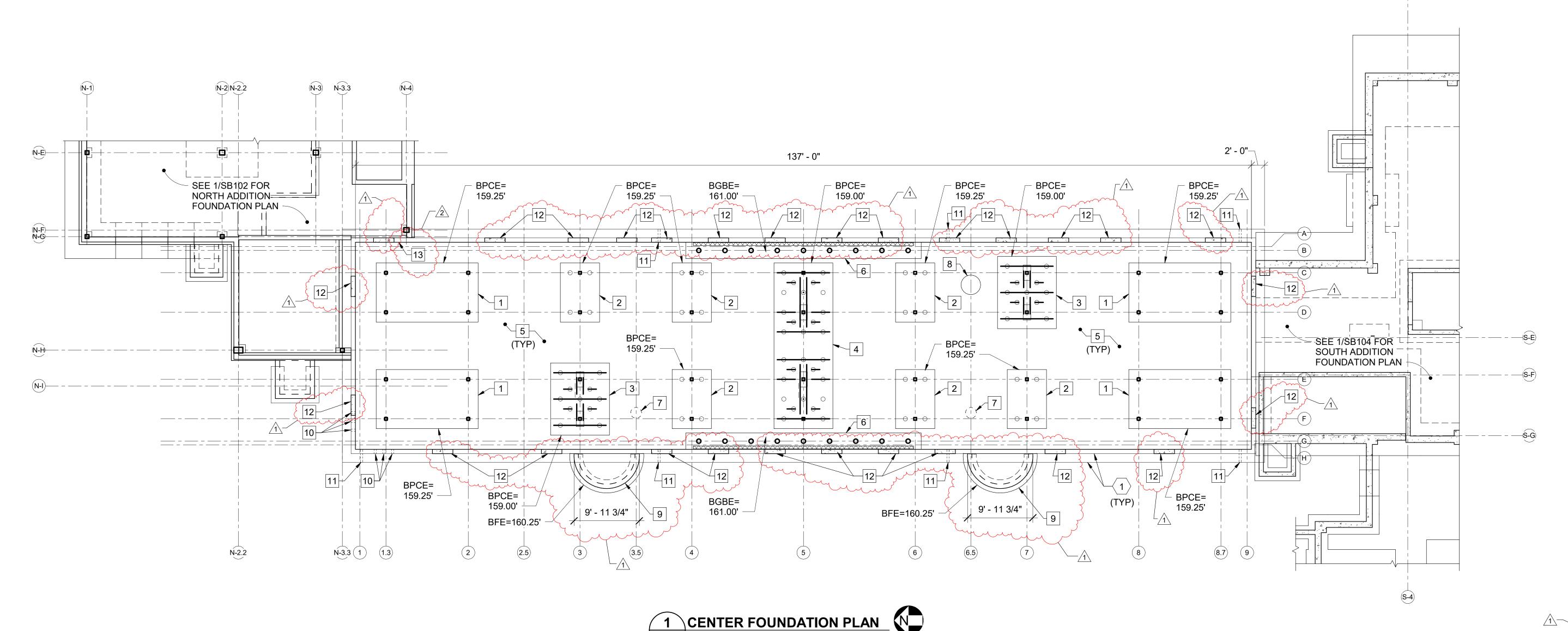


GRAPHIC SCALE

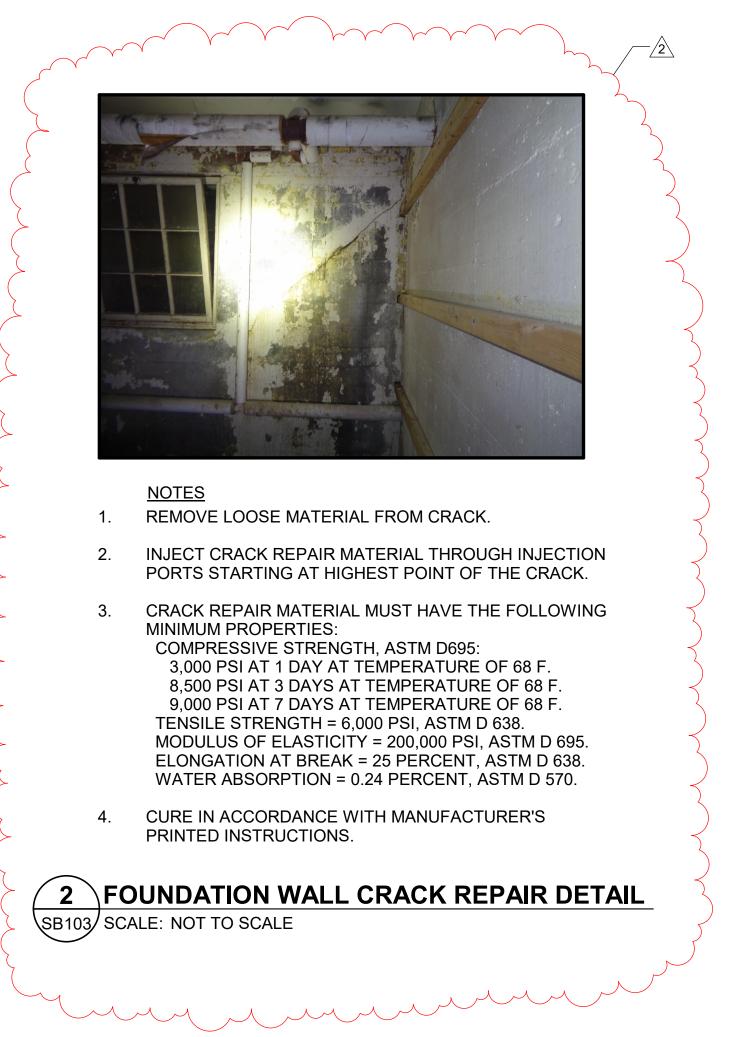
8' 4' 0 8' 16'

1/8"=1'-0"

CHECK GRAPHIC SCALE BEFORE USING



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GENERAL NOTES (THIS SHEET ONLY)

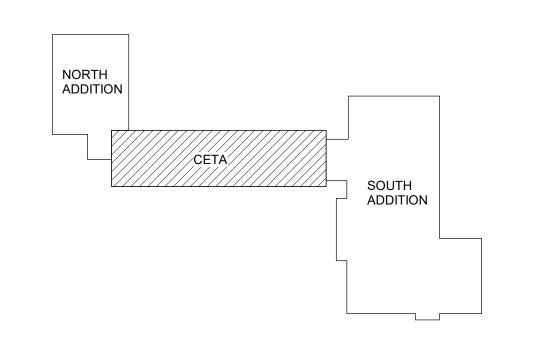
- 1. REFER TO SHEET SB101 FOR SLAB CONTROL JOINTS AND EXPANSION JOINT LAYOUTS.
- 2. REFER TO PLUMBING DRAWINGS FOR FLOOR DRAIN LOCATIONS IN SLABS. PITCH SLAB-ON-GROUND TO FLOOR DRAINS AS REQUIRED.
- 3. PROVIDE FOUNDATION WALL AND SLAB-ON-GROUND CONSTRUCTION JOINTS AT EACH EDGE OF CONCRETE PLACEMENT IN ACCORDANCE WITH DETAILS 3/SB101 AND 5/SB502.
- 4. REFER TO SHEET S-006 FOR COLUMN GRID SPACING.
- 5. TOP OF PILE CAP ELEVATION = 161.00'.

EXISTING KEYNOTES (THIS SHEET ONLY)

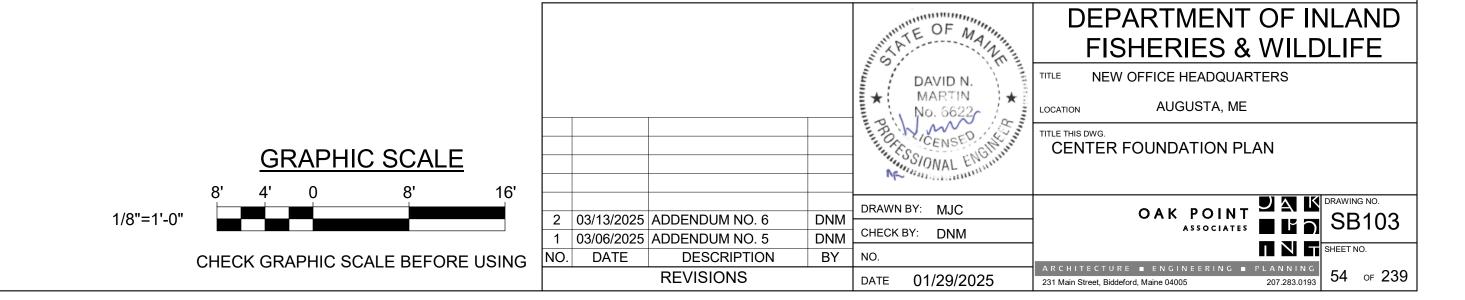
1 EXISTING TAPERED FOUNDATION WALL

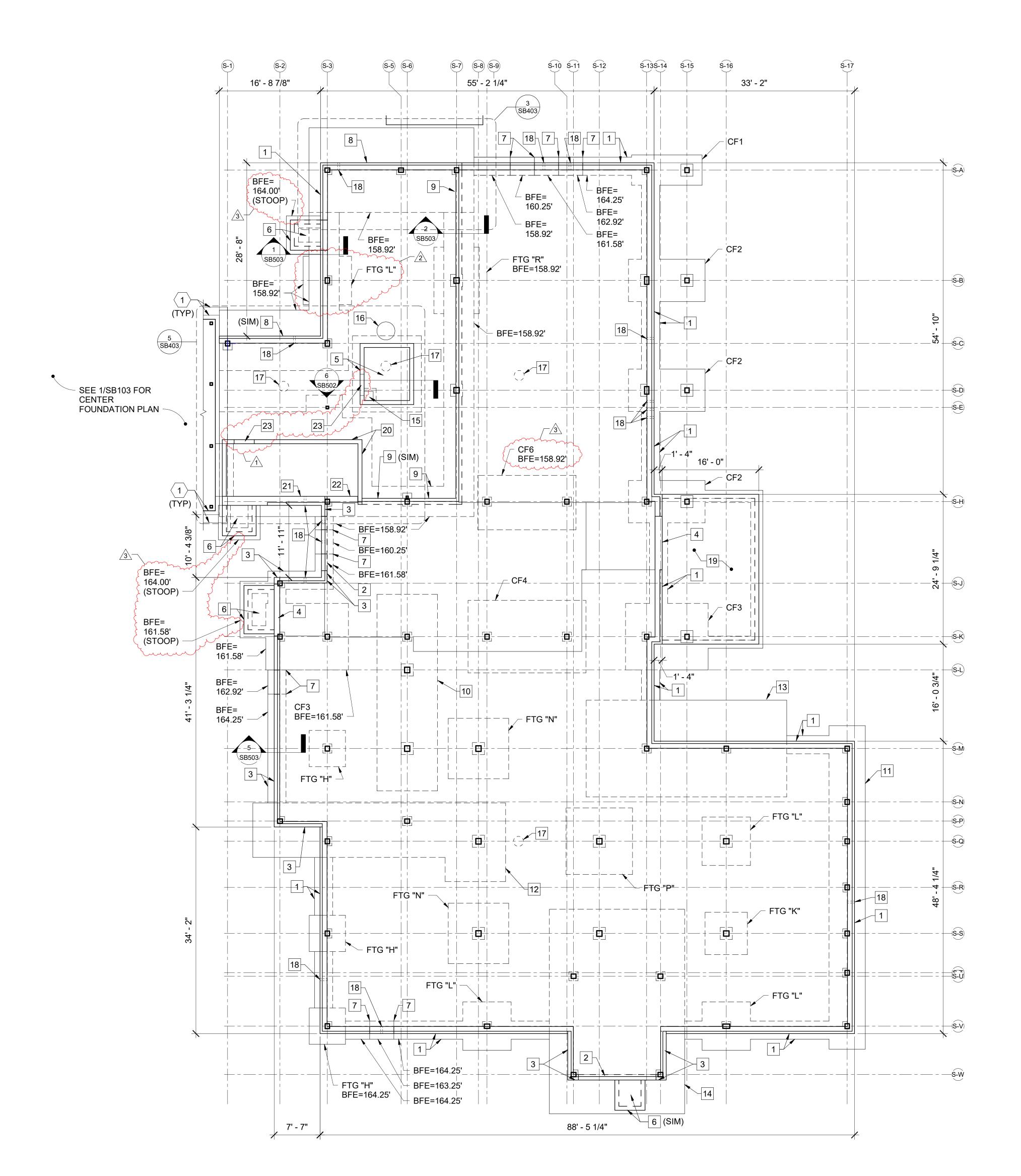
KEYNOTES (THIS SHEET ONLY)

- 1 REINFORCED CONCRETE PILE CAP 1. SEE DETAIL 1/SB401
- 2 REINFORCED CONCRETE PILE CAP 2. SEE DETAIL 2/SB401.
- REINFORCED CONCRETE PILE CAP 3. SEE DETAIL 3/SB401.
- 4 REINFORCED CONCRETE PILE CAP 4. SEE DETAIL 4/SB401.
- 6" REINFORCED CONCRETE SLAB-ON-GROUND WITH 6x6, W2.9xW2.9 WELDED WIRE FABRIC. TOP OF SLAB ELEVATION = 161.00'.
- 6 2'-0"x2'-6" REINFORCED CONCRETE GRADE BEAM. SEE DETAIL 8/SB401.
- 7 RADON PIT. SEE DETAIL 3/SB502.
- 8 SUMP PIT. COORDINATE WITH PLUMBING PLANS AND DETAIL 8/P-501.
- 9 REINFORCED CONCRETE STOOP AT GRANITE STOOP AT PORTICO. COORDINATE WITH CIVIL, LANDSCAPE AND ARCHITECTURAL PLANS. SEE DETAIL 10/SB501 (SIMILAR), 12/AE404, AND 13/AE404.
- CORE/SLEEVE HOLE IN FOUNDATION WALL FOR UTILITY PENETRATION. COORDINATE EXACT, SIZE, LOCATION, ELEVATION, AND QUANTITY WITH CIVIL, PLUMBING, AND ELECTRICAL PLANS.
- FOUNDATION DRAIN BELOW EXISTING TAPERED FOUNDATION WALL. COORDINATE WITH 1/CU102 AND DETAIL 4/CU102.
- COOKDINATE WITH I/CU102 AND DETAIL 4/CU102.
- REINFORCED CONCRETE FOUNDATION WALL INFILL AT EXISTING WINDOW OPENINGS. MATCH PROFILE OF EXISTING ADJACENT FOUNDATION WALL. SEE DETAIL 7/SB503.
- FOUNDATION WALL CRACK REPAIR. SEE DETAIL 2/SB203.











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GENERAL NOTES (THIS SHEET ONLY)

- 1. REFER TO SHEET SB101 FOR SLAB CONTROL JOINTS AND EXPANSION JOINT LAYOUTS.
- REFER TO SHEET SB102 FOR FOOTING SCHEDULES.
- REFER TO SHEET SF604 FOR COLUMN BASE PLATE DETAILS.
- REFER TO PLUMBING DRAWINGS FOR FLOOR DRAIN LOCATIONS IN SLABS. PITCH SLAB-ON-GROUND TO FLOOR DRAINS AS REQUIRED.

BOTTOM OF THE EXTERIOR AND INTERIOR CONTINUOUS FOUNDATION WALL FOOTINGS, EXTERIOR SPREAD FOOTINGS, EXTERIOR COMBINED FOOTINGS, AND EXTERIOR MAT FOOTINGS SHALL BE 164.25', UNLESS NOTED OTHERWISE.

BOTTOM OF ISOLATED AND COMBINED INTERIOR COLUMN FOOTINGS AND MAT FOOTINGS SHALL BE 164.25', UNLESS NOTED OTHERWISE.

TOP OF EXTERIOR FOUNDATION WALL SHALL BE 170.00', UNLESS NOTED OTHERWISE. COORDINATE INTEGRAL SHELF ELEVATIONS WITH FOUNDATION PLAN AND DETAILS.

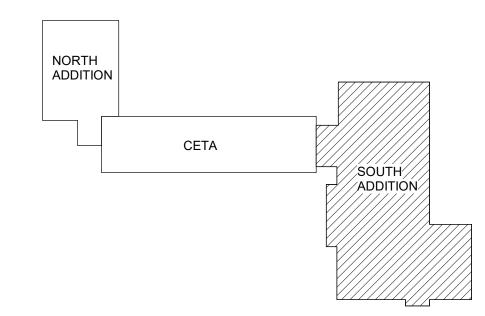
- REFER TO SHEET SB404 FOR ENLARGED PIER PLANS.
- PROVIDE FOUNDATION WALL AND SLAB-ON-GROUND CONSTRUCTION JOINTS AT EACH EDGE OF CONCRETE PLACEMENT IN ACCORDANCE WITH DETAILS 3/SB101 AND 5/SB502.
- 10. REFER TO SHEET S-006 FOR COLUMN GRID SPACING.
- PROVIDE CONTROL JOINTS IN FOUNDATION WALLS LOCATED BELOW STONE VENEER CONTROL JOINTS AND AT A MAXIMUM SPACING OF 20'-0". COORDINATE WITH ARCHITECTURAL WALL ELEVATIONS FOR LOCATION OF CONTROL JOINTS. CONTROL JOINTS SHALL BE MADE BY 3/4" x 3/4" INSERTS ATTACHED TO FOUNDATION WALL FORMWORK.
- 12. COORDINATE WITH EXCAVATION BRACING/SHORING NOTES ON SHEET

EXISTING KEYNOTES (THIS SHEET ONLY)

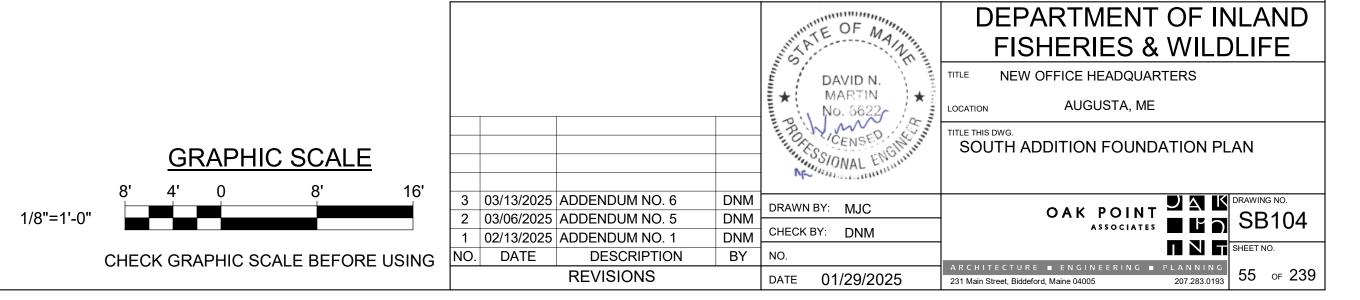
1 EXISTING TAPERED FOUNDATION WALL

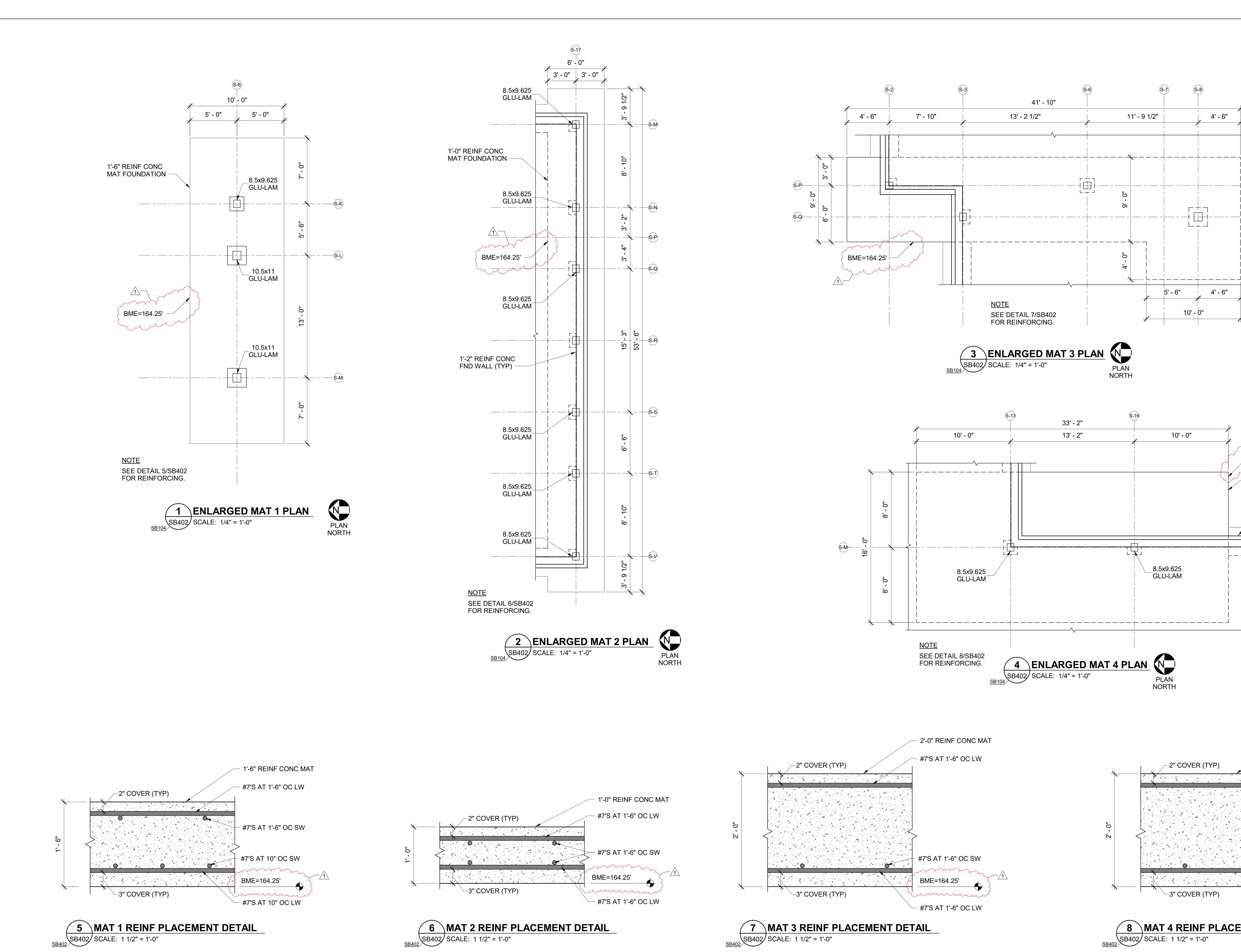
KEYNOTES (THIS SHEET ONLY)

- 1'-2" REINFORCED CONCRETE FOUNDATION WALL AND FOOTING. SEE DETAIL 1/SB501 (SIMILAR).
- 11" REINFORCED CONCRETE FOUNDATION WALL AT CURTAIN WALL. SEE DETAIL 5/SB503 (SIMILAR).
- 11" REINFORCED CONCRETE FOUNDATION WALL AND FOOTING. SEE DETAIL 5/SB503.
- REINFORCED CONCRETE FOUNDATION WALL AT STOREFRONT.
- REINFORCED CONCRETE ELEVATOR PIT. SEE DETAIL 6/SB502.
- REINFORCED CONCRETE STOOP. SEE DETAIL 10/SB501 (SIMILAR).
- STEP FOOTING. SEE DETAIL 4/SB502.
- 1'-2" REINFORCED CONCRETE RETAINING WALL AND FOOTING. SEE DETAIL 1/SB503.
- 1'-0" REINFORCED CONCRETE RETAINING WALL AND FOOTING. SEE DETAIL 2/SB503.
- MAT FOOTING 1. SEE DETAIL 1/SB402.
- MAT FOOTING 2. SEE DETAIL 2/SB402.
- MAT FOOTING 3. SEE DETAIL 3/SB402
- MAT FOOTING 4. SEE DETAIL 4/SB402.
- MAT FOOTING 5. SEE DETAIL 2/SB403.
- 1'-6"x1'-6"x2'-0" DEEP REINFORCED CONCRETE SUMP PIT. SEE DETAIL
- SUMP PIT. COORDINATE WITH PLUMBING PLANS AND DETAIL 8/P-501.
- RADON PIT. SEE DETAIL 3/SB502.
- CORE/SLEEVE HOLE IN FOUNDATION WALL FOR UTILITY PENETRATION. COORDINATE EXACT SIZE, LOCATION, ELEVATION, AND QUANTITY WITH CIVIL, PLUMBING, AND ELECTRICAL PLANS.
- REINFORCED CONCRETE STOOP AT GRANITE ENTRY PLAZA. COORDINATE WITH CIVIL AND LANDSCAPE PLANS. SEE DETAIL 10/SB501 (SIMILAR) AND 7/L-501.
- 8" REINFORCED CONCRETE FOUNDATION WALL. SEE DETAIL 5/SB501
- 1'-6" REINFORCED CONCRETE FOUNDATION WALL. SEE DETAIL 6/SB503.
- 1'-0" REINFORCED CONCRETE FOUNDATION WALLL. SEE DETAIL 1/SB503
- AT OPENING IN REINFORCED CONCRETE WALL, PROVIDE ADDITIONAL (2) # 5'S HORIZONTAL ABOVE OPENING. EXTEND REINFORCING 1'-0" PAST THE THE PAST



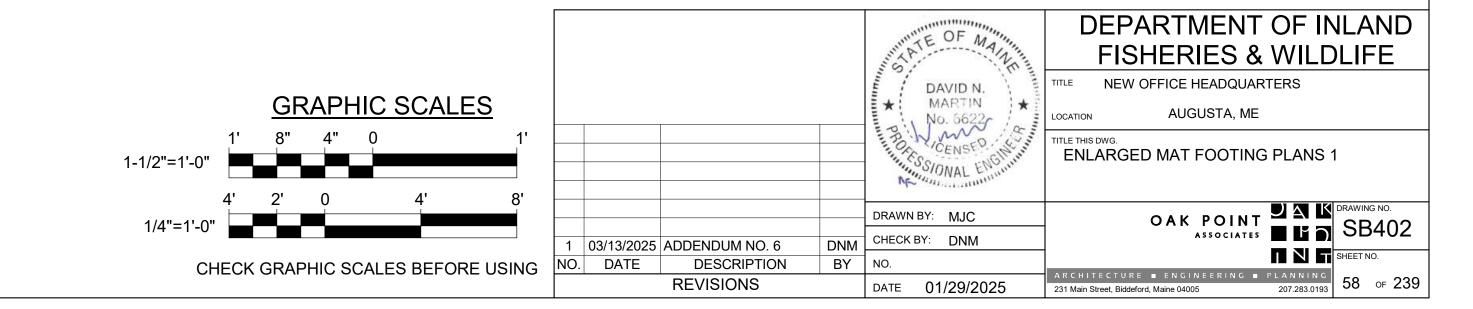






7 MAT 3 REINF PLACEMENT DETAIL

SB402 SCALE: 1 1/2" = 1'-0"



8 MAT 4 REINF PLACEMENT DETAIL

SB402 SCALE: 1 1/2" = 1'-0"

4' - 6"

BME=164.25'

2'-0" REINF CONC MAT FOUNDATION

- 1'-2" REINF CONC FND WALL (TYP)

2'-0" REINF CONC MAT

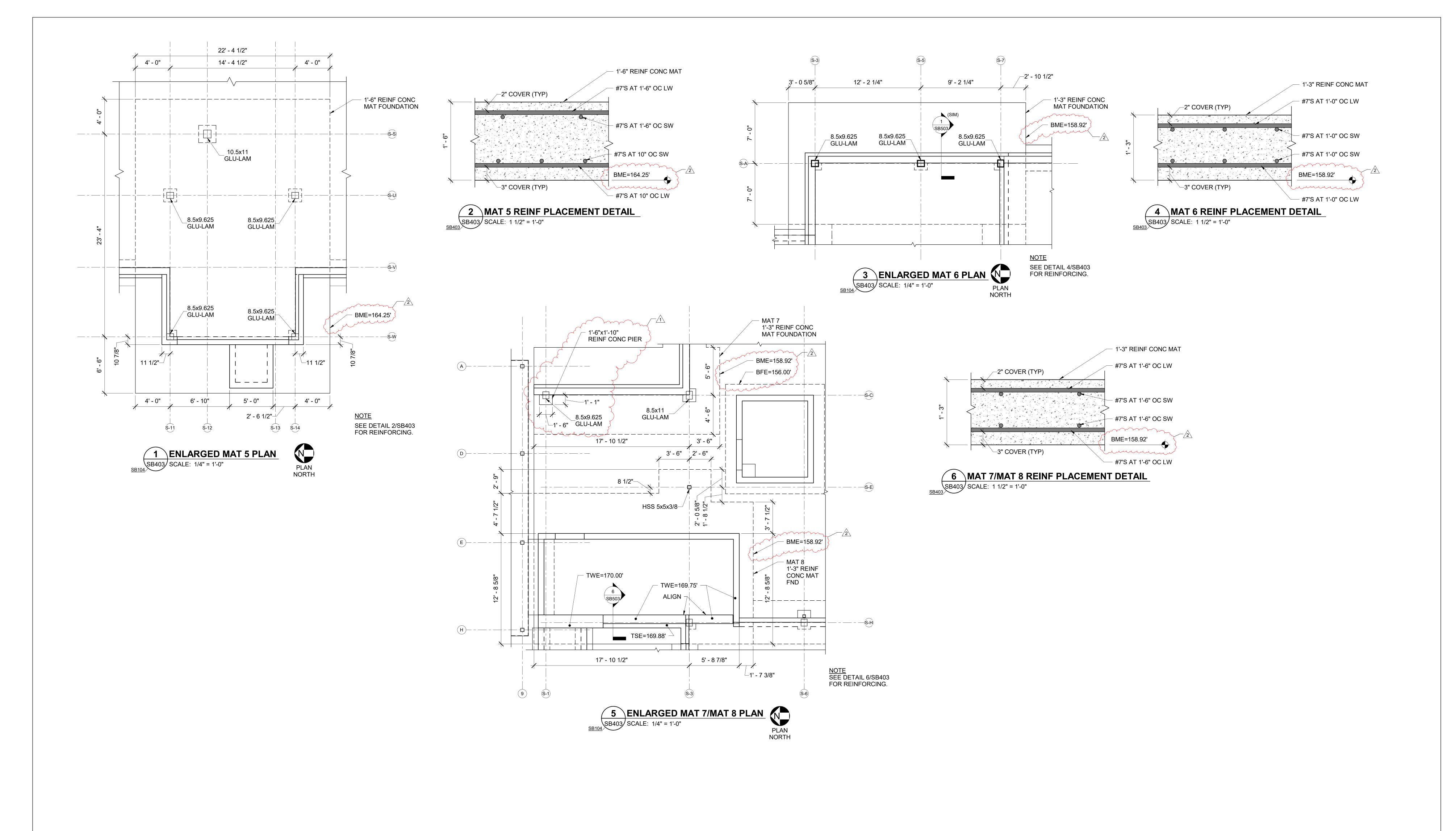
- #7'S AT 1'-4" OC LW

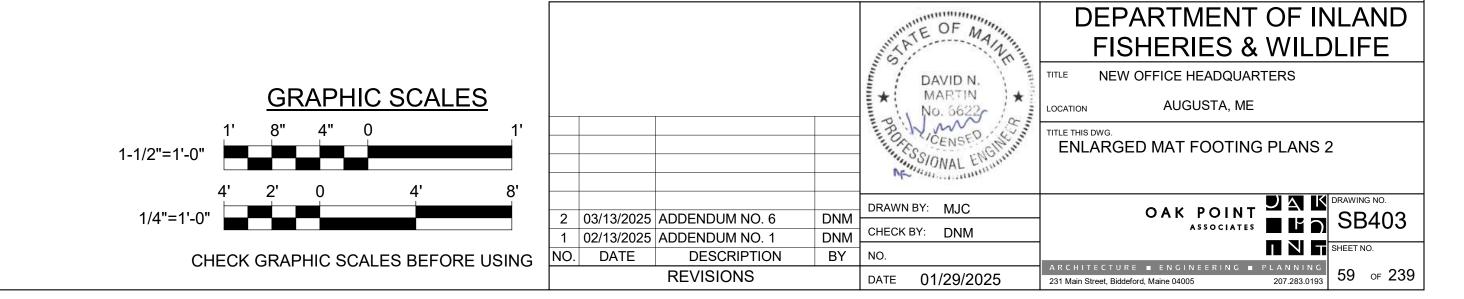
#7'S AT 1'-4" OC SW

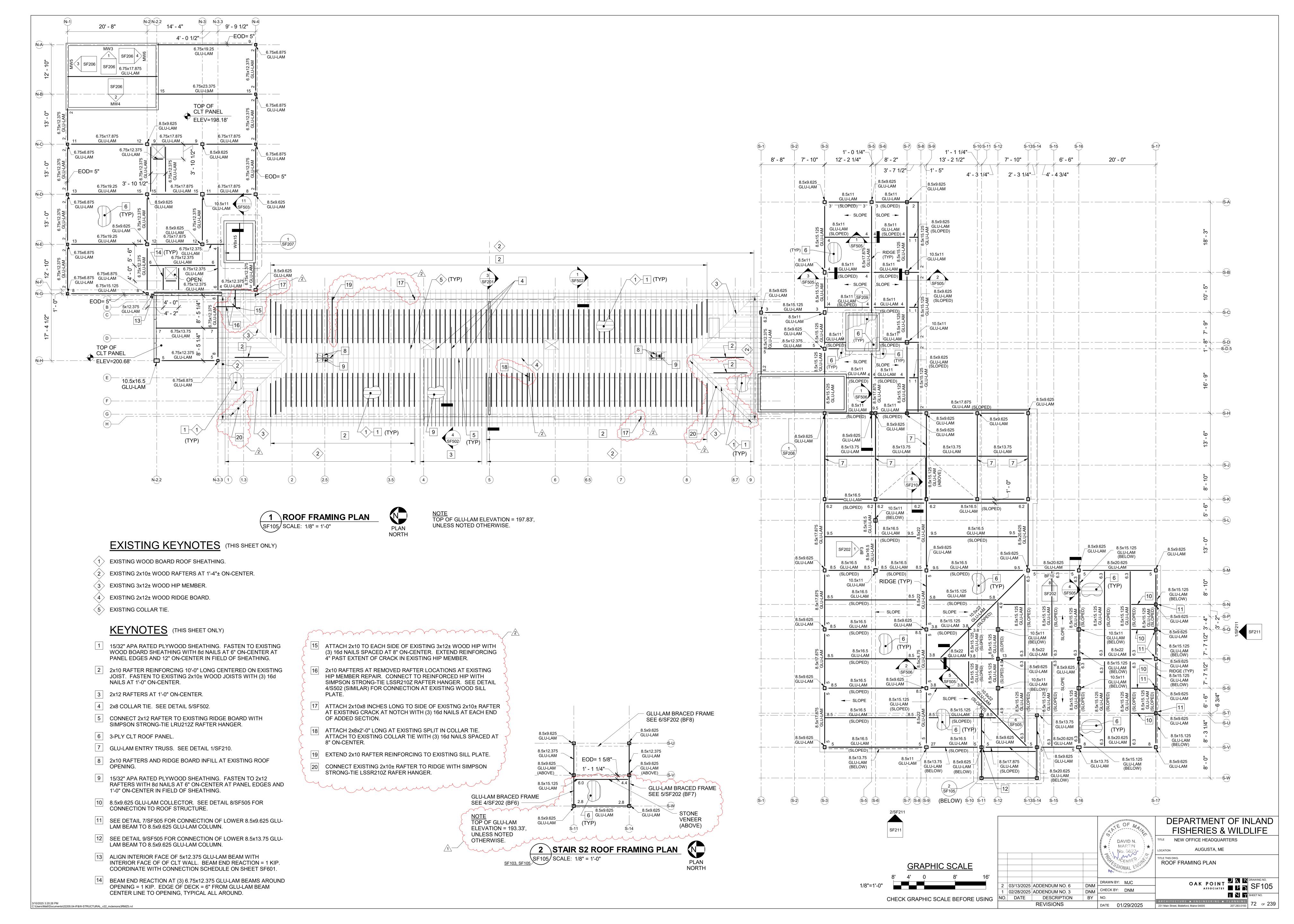
-- #7'S AT 1'-4" OC LW

BME=164.25'

5 MAT 1 REINF PLACEMENT DETAIL
SB402 SCALE: 1 1/2" = 1'-0"







			G	SLU-LA	M BRA	ACED I	-RAMI	= CON	NECT	ION FO	ORCES	.			
CONNECTION NO.		UPPER	R BRACE FC	ORCES			LOWE	R BRACE FO	DRCES		BEAM	VERTICAL F	ORCES	BEAM AXIA	AL FORCE
110.	DL	SL	LL	WL	EL	DL	SL	LL	WL	EL	DL	SL	LL	WL	EL
BF3-a	NA	NA	NA	NA	NA	3	4.8	0	17	70	1	1	0	3.9	16
BF3-b	3	4.8	0	17	70	5	4.8	5	19	80	5.8	0	6.2	-	-
BF3-c	5	4.8	5	19	80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BF4-a	NA	NA	NA	NA	NA	5	5.3	0	6.3	17.5	1	0	0	4.1	9.5
BF4-b	5	5.3	0	6.3	17.5	10.1	5.3	4.7	18.6	21.8	1.5	0	0	5	10
BF4-c	10.1	5.3	4.7	18.6	21.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BF5-a	NA	NA	NA	NA	NA	5	5.3	0	6.3	17.5	1	0	0	4.1	9.5
BF5-b	5	5.3	0	6.3	17.5	10.1	5.3	4.7	18.6	21.8	1.5	0	0	5	10
BF5-c	10.1	5.3	4.7	18.6	21.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BF6-a	NA	NA	NA	NA	NA	7.5	6.9	0	2.2	14.8	1	1	0	1.3	7.7
BF6-b	7.5	6.9	0	2.2	14.8	4.5	6.9	1	4.8	16	1	0	2	1.8	2
BF6-c	4.5	6.9	1	4.8	16	5	6.9	2	17.1	58.1	2	0	2	14.6	32
BF6-d	5	6.9	2	17.1	58.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BF7-a	NA	NA	NA	NA	NA	2	2	0	26	81	1	1	0	2.6	8.1
BF7-b	2	2	0	26	8.1	2	2	0	6.3	26	2.4	2.5	1.0	5.1	22.2
BF7-c	2	2	0	6.3	26	2.5	2	2	26	53.4	3.3	0	1.5	14.5	25
BF7-d	2.5	2	2	26	53.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BF8-a	NA	NA	NA	NA	NA	1	1	0	8.4	39.3	NA	NA	NA	NA	NA
BF8-b	1	1	0	8.4	39.3	NA	NA	NA	NA	NA	1.8	0	2	6	18.5
BF8-c	NA	NA	NA	NA	NA	6.6	1	3	17	50	1.8	0	2	6	18.5
BF8-d	6.6	1	3	17	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BF9-a	NA	NA	NA	NA	NA										
BF9-b						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BF10-a	NA	NA	NA	NA	NA	4.8	4.0	0.0	14	45	1.8	2.0	0.6	5.5	8.0
BF10-b	4.8	4.0	0.0	14	45	18.4	119	10.7	22.3	55	3.8	0.0	3.2	23	32
BF10-c	18.4	119	10.7	22.3	55	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BF11-a	NA	NA	NA	NA	NA	2.6	1.8	0.0	3.6	25.4	1	1	0	1	6
BF11-b	2.6	1.8	0.0	3.6	25.4	1.0	1.8	0.6	15.4	32	1	0	2.7	2.2	7
BF11-c	1.0	1.8	0.6	15.4	32	5	1.8	3.5	27	45	2.0	0	18	3	8
BF11-d	5	1.8	3.5	27	45	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BF12-a	NA	NA	NA	NA	NA	0.5	0.9	0.0	2.7	14.6	1	14	0	1	6.2
BF12-b	0.5	0.9	0.0	2.7	14.6	1.2	1.1	1	9.7	41	3.8	0	8.8	1.5	4.0
BF12-c	1.2	1.1	1	9.7	41	3.0	1.1	2.4	18	44	2.8	0	2.8	0.8	1.0
BF12-d	3.0	1.1	2.4	18	44	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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 LRFD DESIGN LOAD COMBINATIONS
 ASD LOAD COMBINATIONS

 LC1: 1.2DL+1.6LL+0.5SL
 LC1: 1.0DL+1.0EL

 LC2: 1.2DL+1.6SL+0.5WL
 LC2: 1.0DL+0.75LL+0.75SL+0.45WL

 LC3: 1.2DL+0.5LL+1.0WL
 LC3: 1.0DL+0.6WL

 LC4: 0.9DL+10WL
 LC4: (1.0+14Sds)DL+0.75LL+0.53EL

 LC5: (1.2+0.2Sds)DL+0.5LL+0.2SL+1.0EL
 LC5: (0.6-0.14Sds0DL+0.70EL

 LC6: (0.9-0.2Sds)DL+1.0EL
 Sds=0.257g

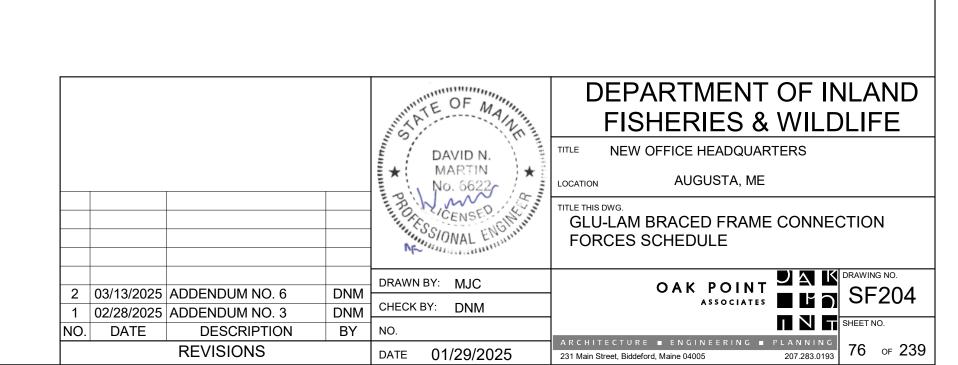
<u>NOTES</u>

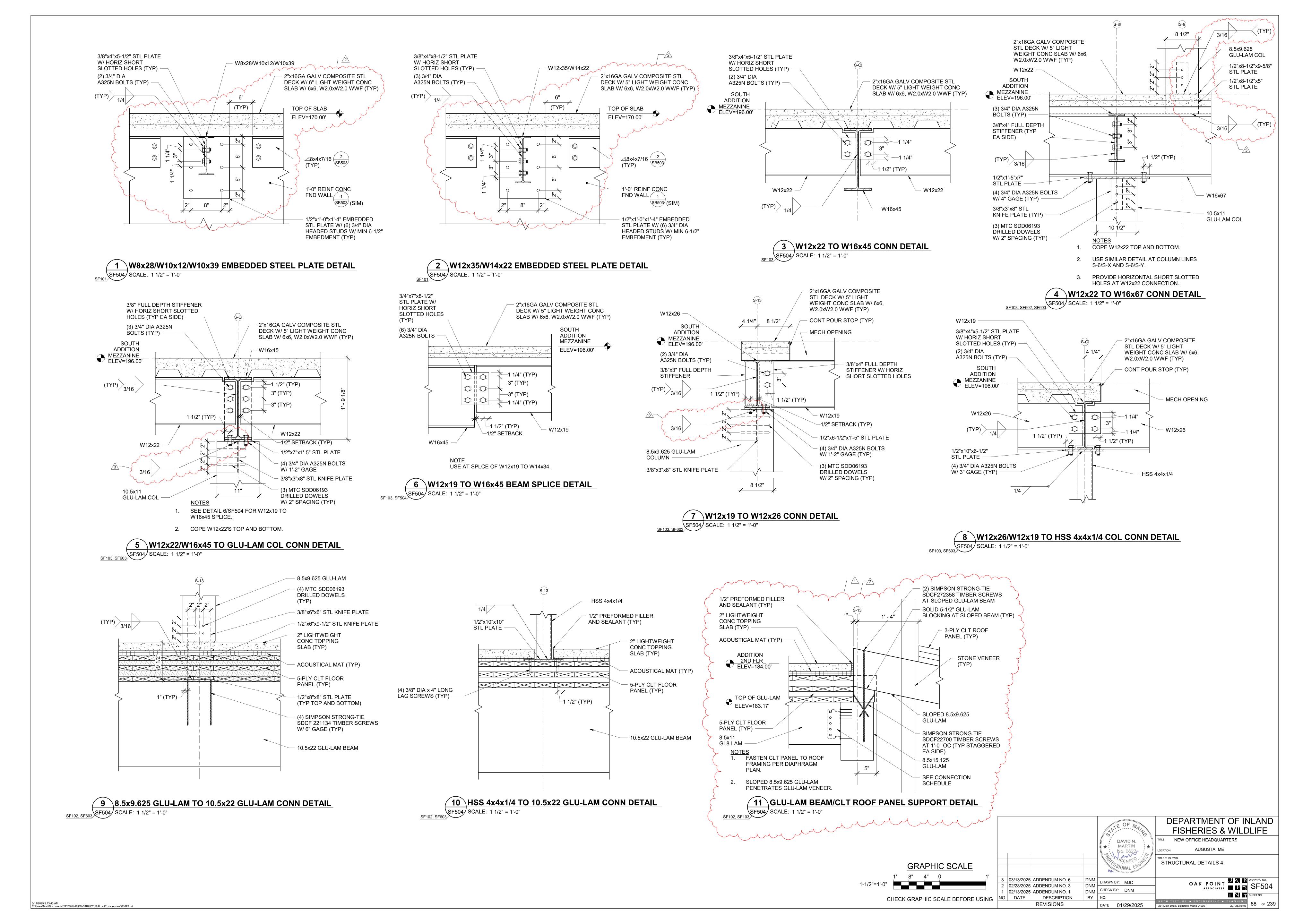
Sds=0.257g

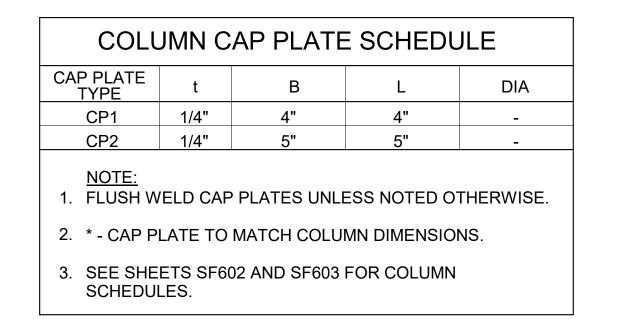
- 1. BRACE FORCES CAN ACT IN COMPRESSION OR TENSION.
- 2. BRACE FORCE IS FACTORED FORCE BASED ON 1.0W AND 1.0EL.
- 3. BEAM VERTICAL REACTIONS ARE SERVICE LEVEL FORCES.
- 4. DESIGN PLATES AT INTERSECTING BRACE MEMBERS FOR BRACE AXIAL FORCE.
- 5. FORCES GIVEN ARE IN KIPS.
- 6. CONNECTIONS MAY BE DESIGNED USING EITHER LRFD OR ASD.
- 7. COLUMN BASE PLATES, ANCHOR RODS, AND COLUMN TO BASE PLATE CONNECTION HAVE BEEN DESIGNED FOR THE BRACE FRAME FORCES.
- 8. DESIGN CONNECTION OF BRACE TO COLUMN BASE PLATES AND INTEGRATE WITH THE DESIGN OF THE COLUMN TO BASE PLATE CONNECTION.

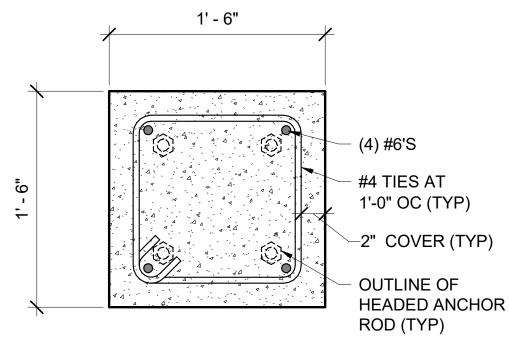
DESIGN CRITERIA

- 1. DESIGN INTENT IS FOR THE USE OF CONCEALED KNIFE PLATE CONNECTIONS.
- 2. EXPOSED STEEL WOULD BE ACCEPTABLE AT THE ENDS OF BRACES SUCH AS BUILT-UP T OR ROLLED SECTION WITH THE STEM CONCEALED IN HTE BRACE AND THE FLANGE EXPOSED.
- 3. SMALLER DIAMETER MECHANICAL FASTENERS, DIAMETER LESS THAN OR EQUAL TO 3/8", ARE PREFERED. LARGER DIAMETER FASTENERS ARE ACCEPTABLE IF IT IS DETERMINED THAT SMALLER DIAMETER FASTENERS WOULD NOT HAVE SUFFICIENT CAPACITY.
- 4. COUNTERSINK HEADS OF EXPOSED FASTENERS AT ALL CONNECTIONS.
- 5. COMPLY WITH APPENDIX E OF NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION FOR NET SECTION TENSION CAPACITY, ROW TEAR OUT CAPACITY, AND GROUP TEAR OUT CAPACITY. NOTIFY STRUCTURAL ENGINEER OF RECORD IF CALCULATIONS INDICATE THAT ANY MEMBER WOULD NOT HAVE SUFFICIENT CAPACITY FOFR THE IMPOSED FORCES.



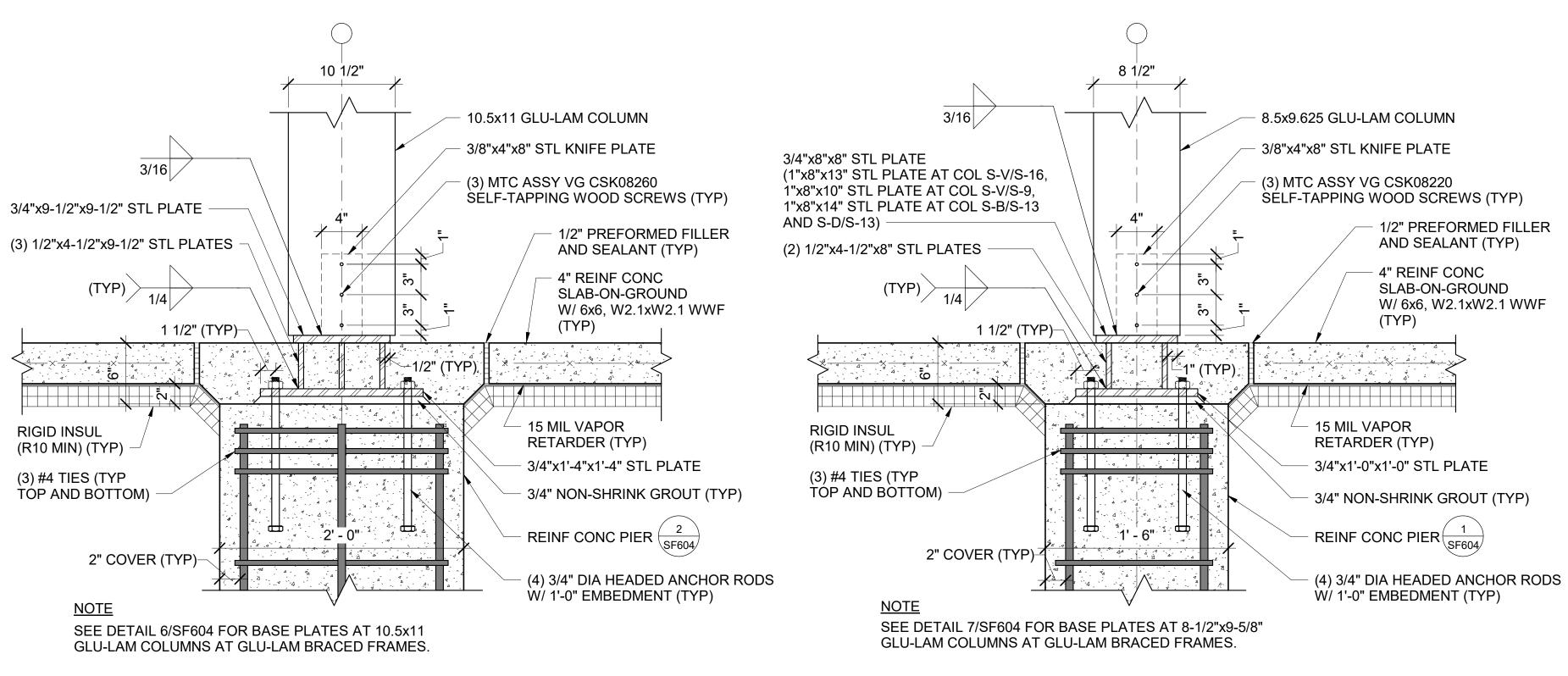




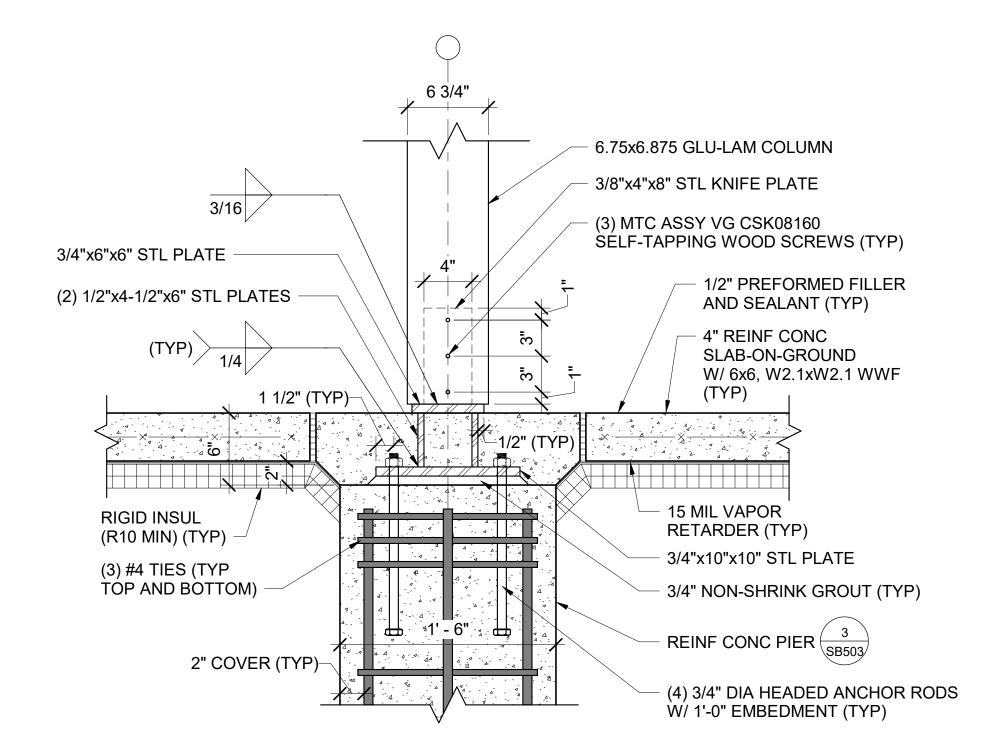


- 1. PROVIDE (3) #4 TIES WITH 2" SPACING, TYPICAL TOP AND BOTTOM OF VERTICAL REINFORCING STEEL
- 2. LOCATE BOTTOM TIES IN COLUMN FOOTING.
- 3. LOCATE TOP TIE WITHIN 1-1/2" OF TOP OF VERTICAL REINFORCING STEEL.

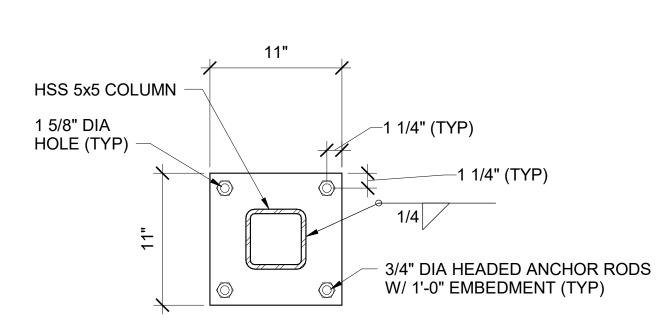
TYP PIER DETAIL A SF604 SCALE: 1 1/2" = 1'-0"



4 \10.5x11 GLU-LAM COLUMN BASE PLATE DETAIL 5 \8.5x9.625 GLU-LAM COLUMN BASE PLATE DETAIL SF604 SCALE: 1 1/2" = 1'-0"

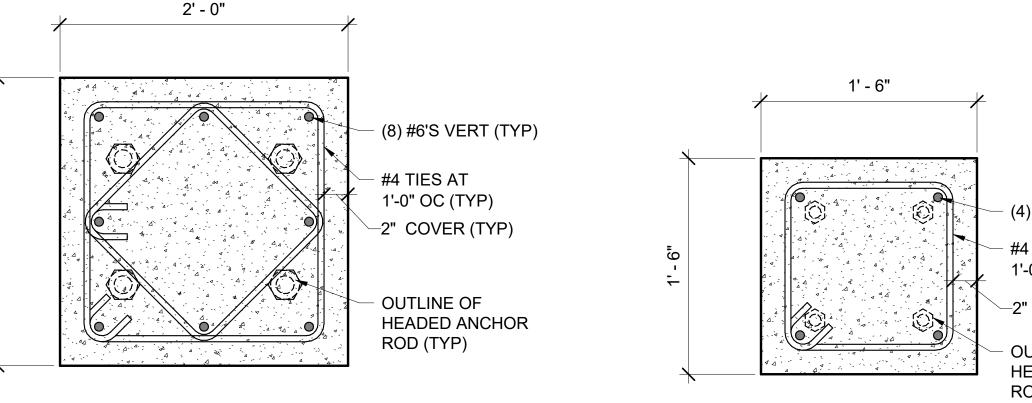


8 6.75x6.875 GLU-LAM COLUMN BASE PLATE DETAIL SF604 SCALE: 1 1/2" = 1'-0"



- 1. USE 1/2" PLATE AT HSS 5x5x1/4 COLUMNS.
- 2. USE 3/4" PLATE AT HSS 5x5x5/16 COLUMNS.
- USE 3/4" PLATE AT HSS 5x5x3/8 COLUMNS.
- PROVIDE 3/4" MAXIMUM NON-SHRINK GROUT UNDER BASE PLATES.

9 TYP HSS COLUMN BASE PLATE DETAIL SF604 SCALE: 1 1/2" = 1'-0"

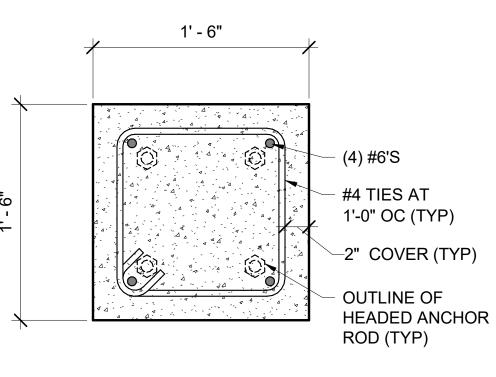


NOTES

SF603, SF604 SCALE: 1 1/2" = 1'-0"

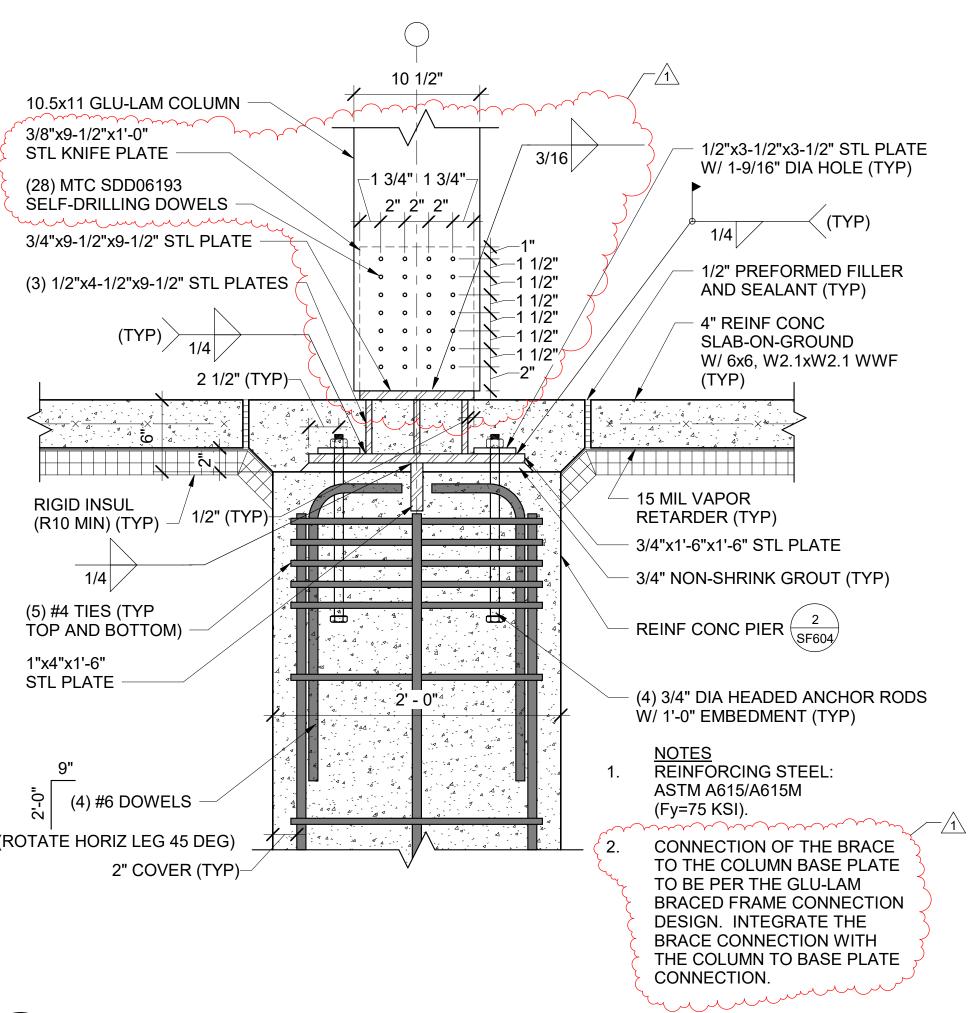
- 1. PROVIDE 2" SPACING FOR TIES AT TOP AND BOTTOM OF VERTICAL REINFORCING STEEL.
- 2. LOCATE BOTTOM TIES IN COLUMN FOOTING.
- 3. LOCATE TOP TIE WITHIN 1-1/2" OF TOP OF VERTICAL REINFORCING STEEL.
- 4. SEE DETAIL 6/SF604 FOR ADDITIONAL (4) #6 DOWELS AT BRACED FRAMES.

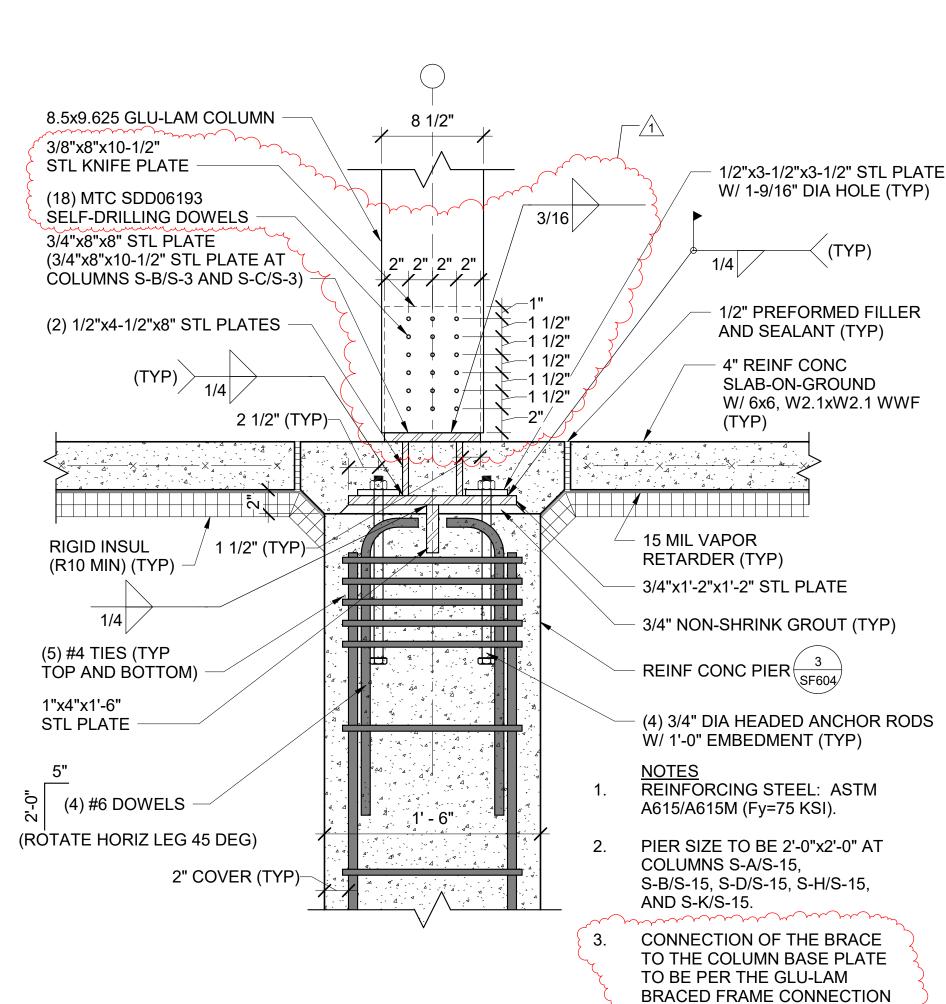
2 TYP PIER DETAIL B SF604 SCALE: 1 1/2" = 1'-0"



- 1. PROVIDE (5) #4 TIES WITH 2" SPACING, TYPICAL TOP AND BOTTOM OF VERTICAL REINFORCING STEEL
- 2. LOCATE BOTTOM TIES IN COLUMN FOOTING.
- 3. LOCATE TOP TIE WITHIN 1-1/2" OF TOP OF VERTICAL REINFORCING STEEL.
- 4. SEE DETAIL 7/SF604 FOR ADDITIONAL (4) #6 DOWELS AT BRACED FRAMES.

3 TYP PIER DETAIL C SF604 SCALE: 1 1/2" = 1'-0"





\`\8.5x9.625 GLU-LAM COLUMN BASE PLATE DETAIL (BRACED FRAME)

DATE 01/29/2025

DESIGN. INTEGRATE THE

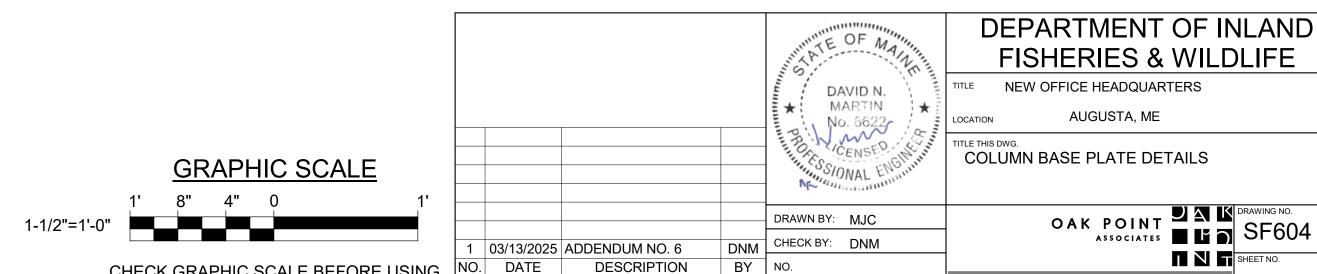
COLUMN TO BASE PLATE

CONNECTION.

231 Main Street, Biddeford, Maine 04005

BRACE CONNECTION WITH THE

ullet $\mathbf{6}$ $\mathbf{10.5x11}$ GLU-LAM COLUMN BASE PLATE DETAIL (BRACED FRAME)



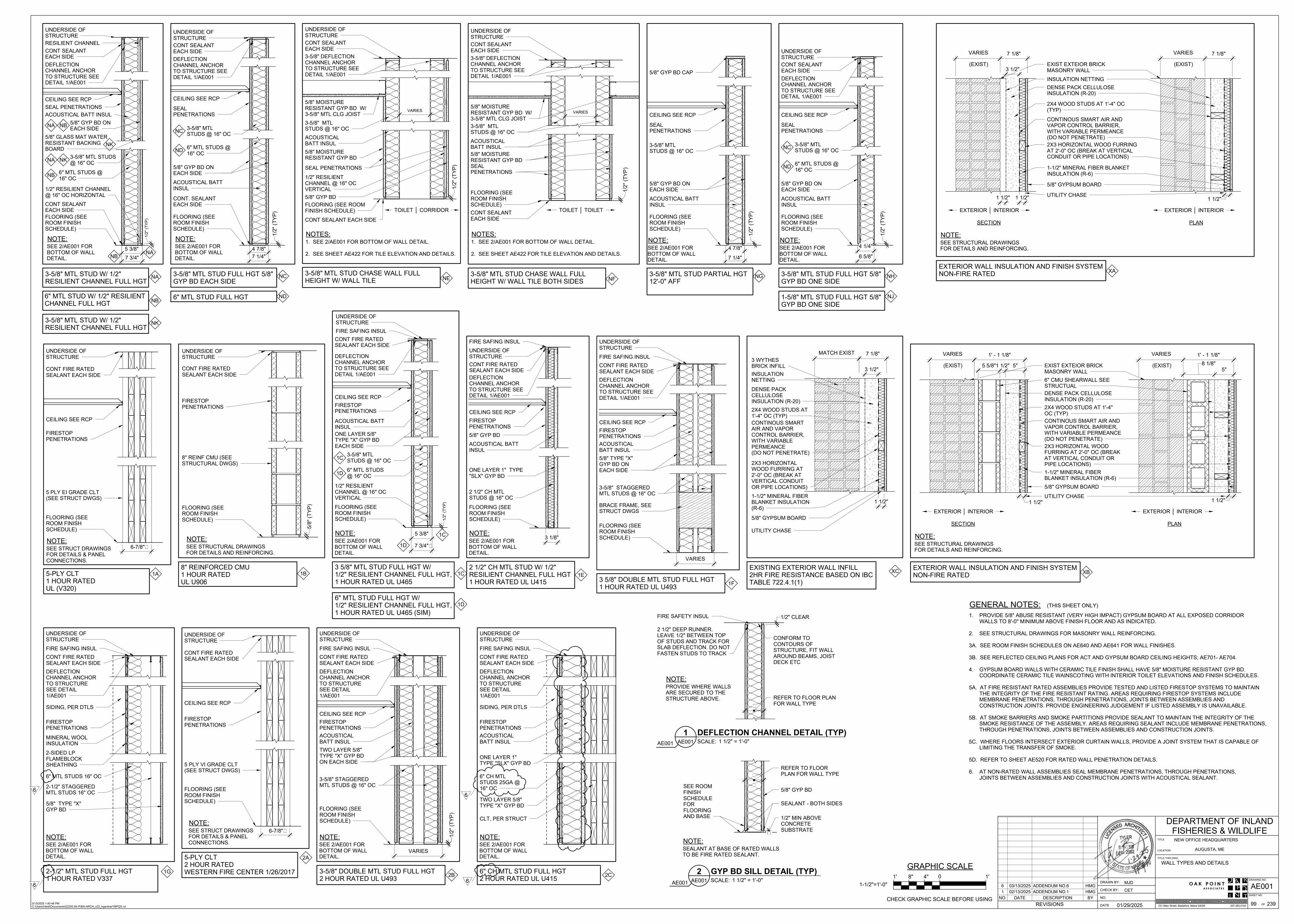
REVISIONS

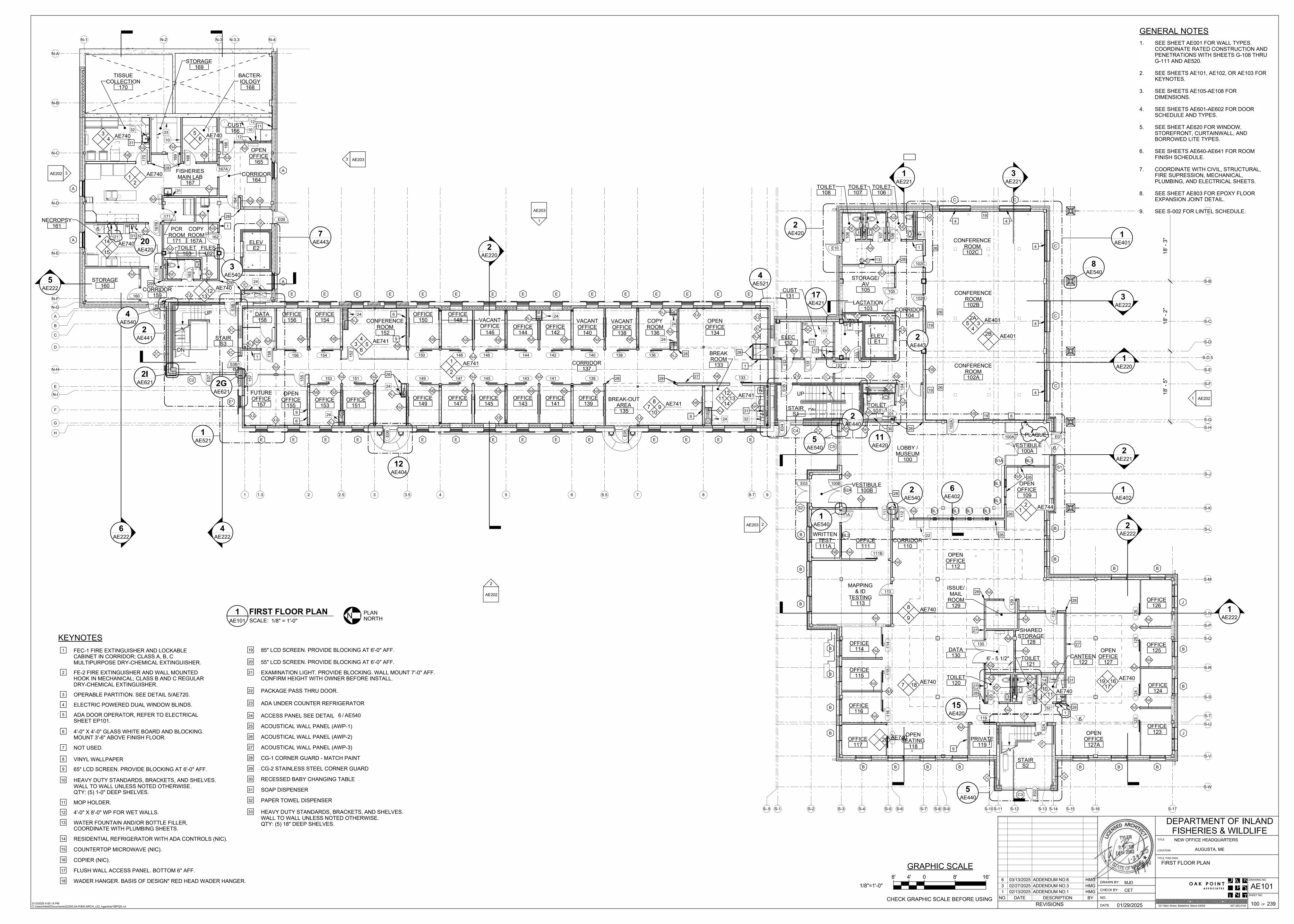
CHECK GRAPHIC SCALE BEFORE USING

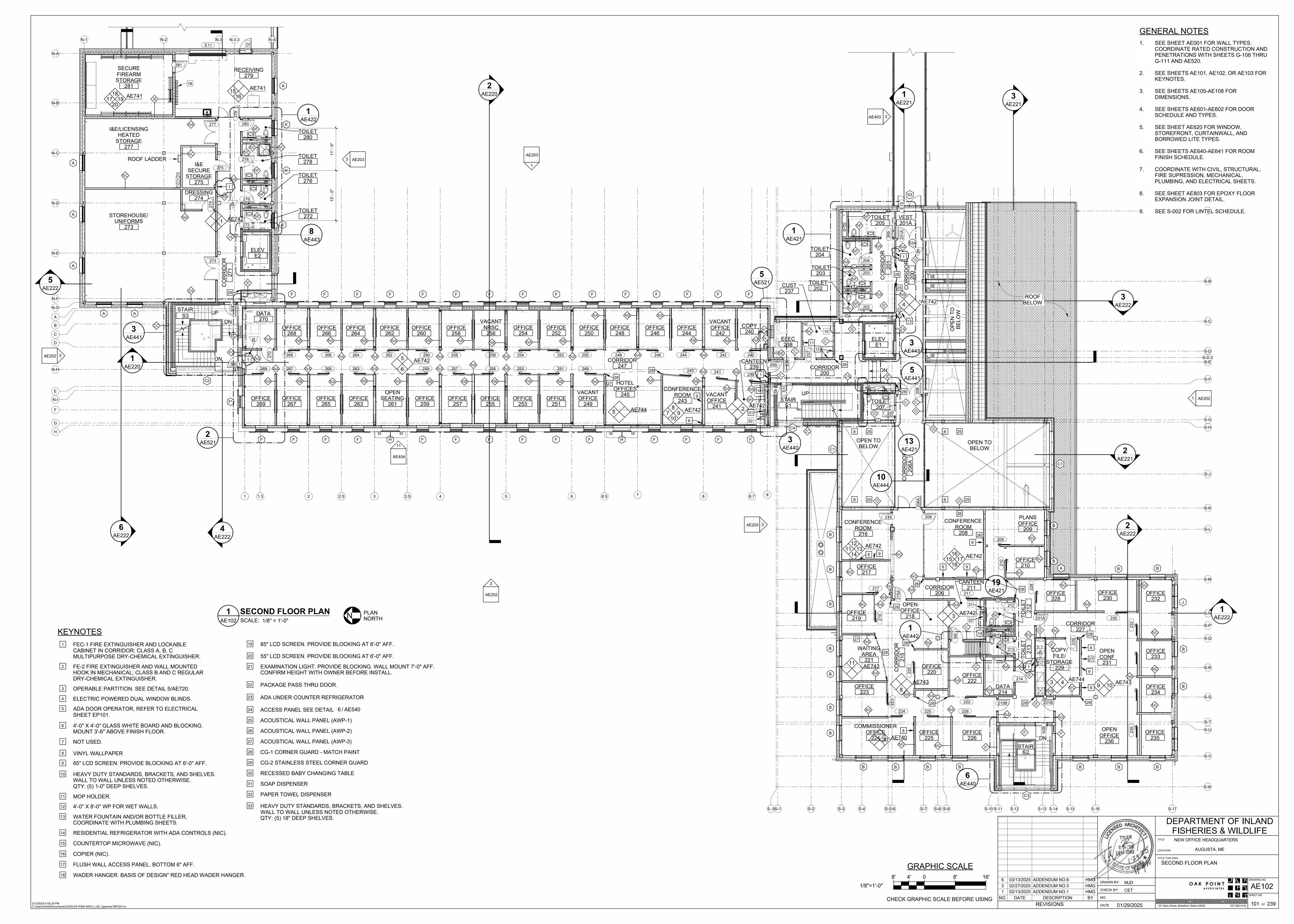
SF603, SF604 SCALE: 1 1/2" = 1'-0"

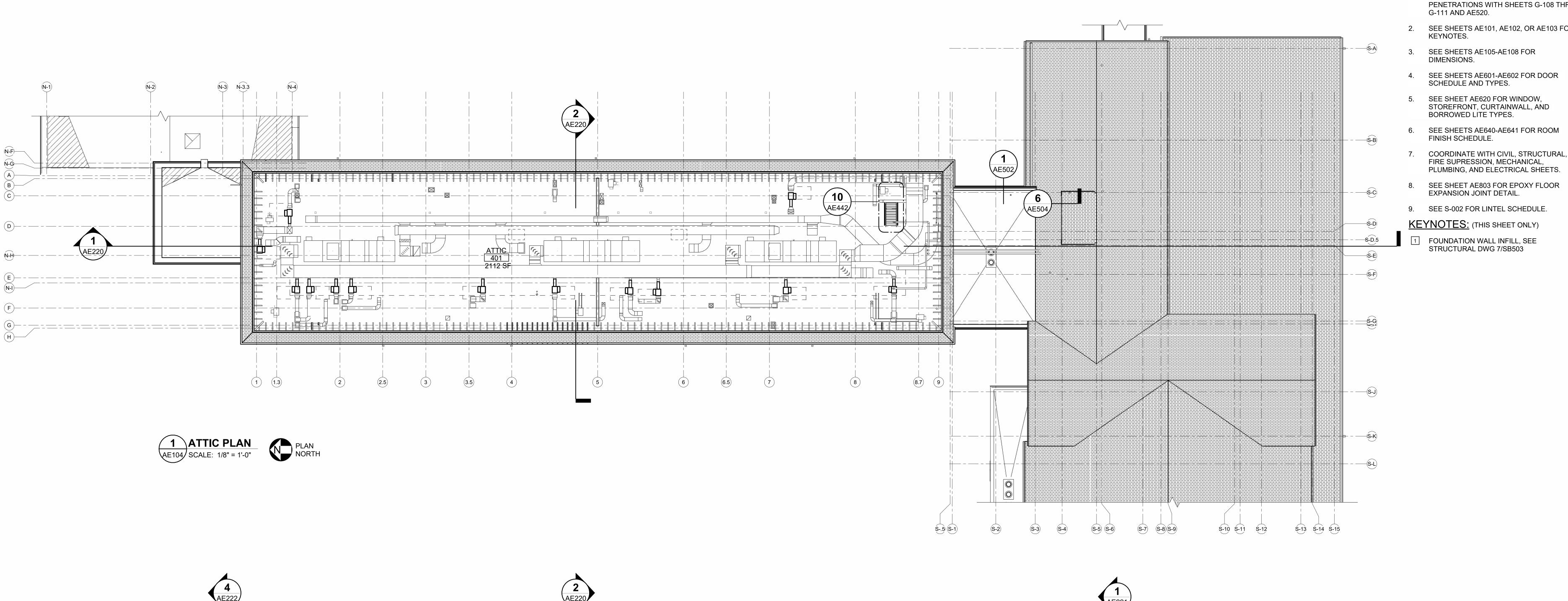
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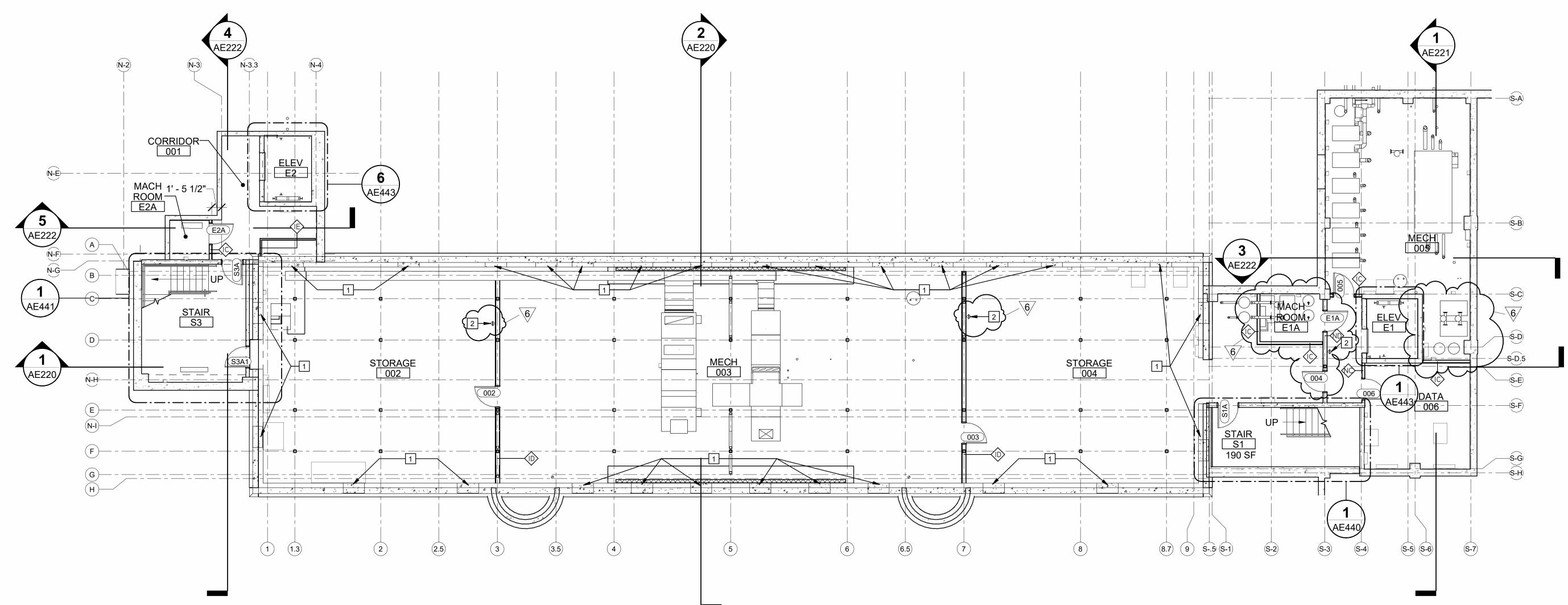
SB102, SF602, SF603 SF604 SCALE: 1 1/2" = 1'-0"



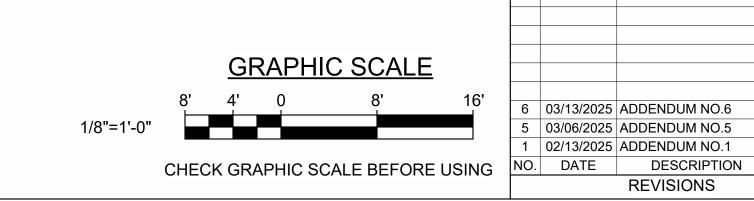














GENERAL NOTES

G-111 AND AE520.

KEYNOTES.

DIMENSIONS.

1. SEE SHEET AE001 FOR WALL TYPES.

SEE SHEETS AE105-AE108 FOR

STOREFRONT, CURTAINWALL, AND

SEE SHEETS AE640-AE641 FOR ROOM

PLUMBING, AND ELECTRICAL SHEETS.

SEE SHEET AE803 FOR EPOXY FLOOR

FIRE SUPRESSION, MECHANICAL,

EXPANSION JOINT DETAIL.

SCHEDULE AND TYPES.

BORROWED LITE TYPES.

FINISH SCHEDULE.

COORDINATE RATED CONSTRUCTION AND PENETRATIONS WITH SHEETS G-108 THRU

SEE SHEETS AE101, AE102, OR AE103 FOR

NEW OFFICE HEADQUARTERS AUGUSTA, ME

BASEMENT AND ATTIC FLOOR PLANS

231 Main Street, Biddeford, Maine 04005

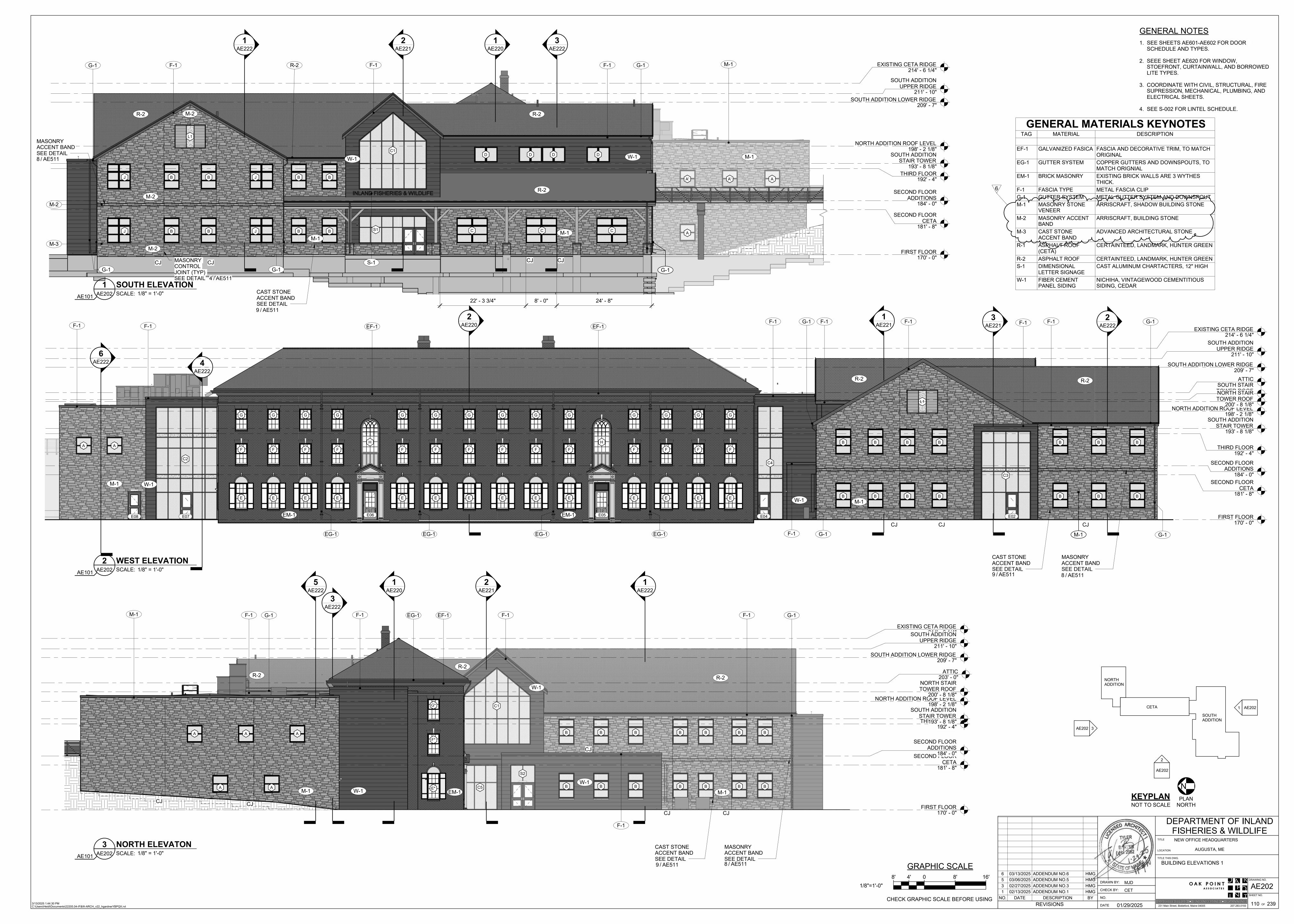
HMG DRAWN BY: MJD

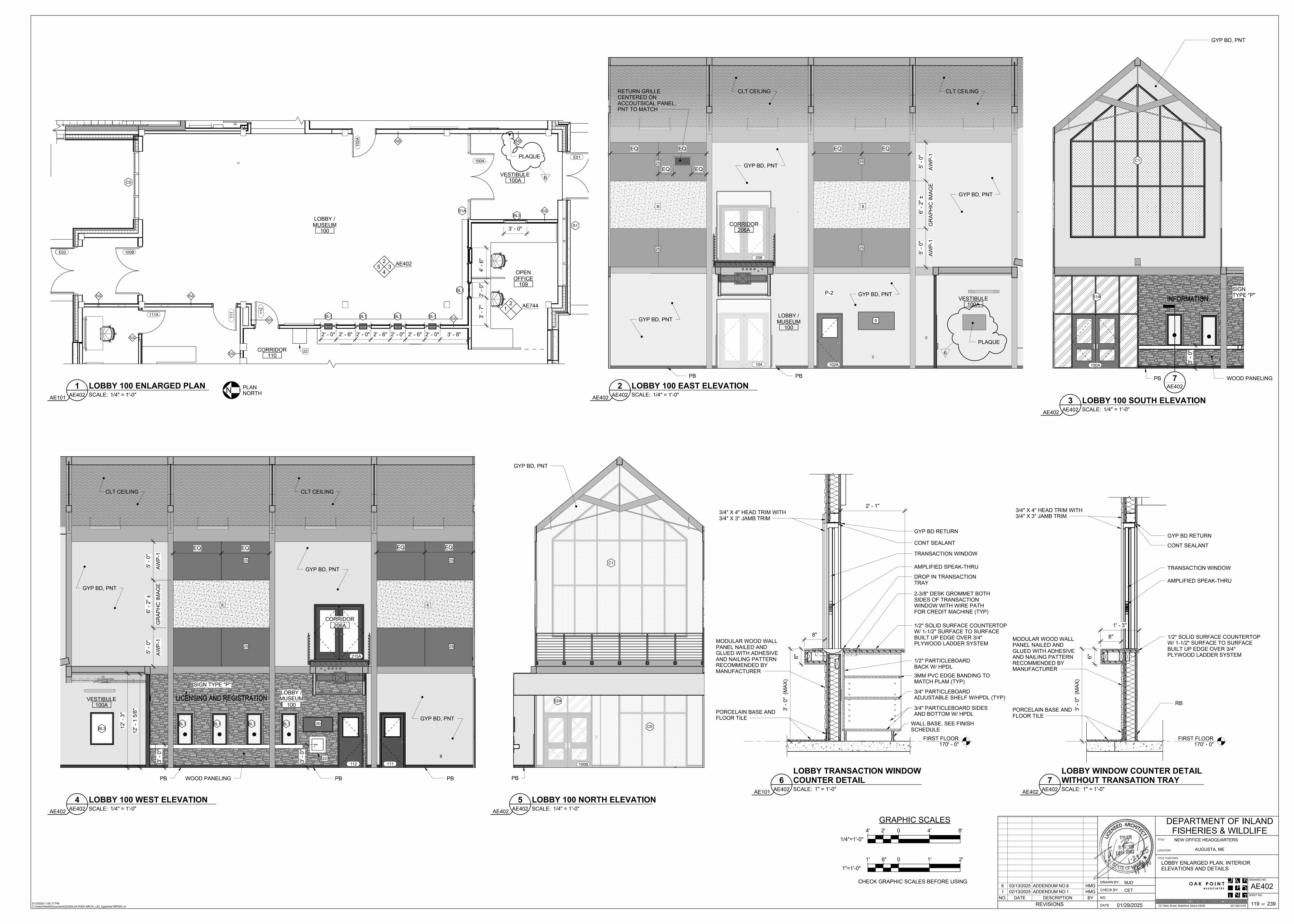
HMG CHECK BY: CET

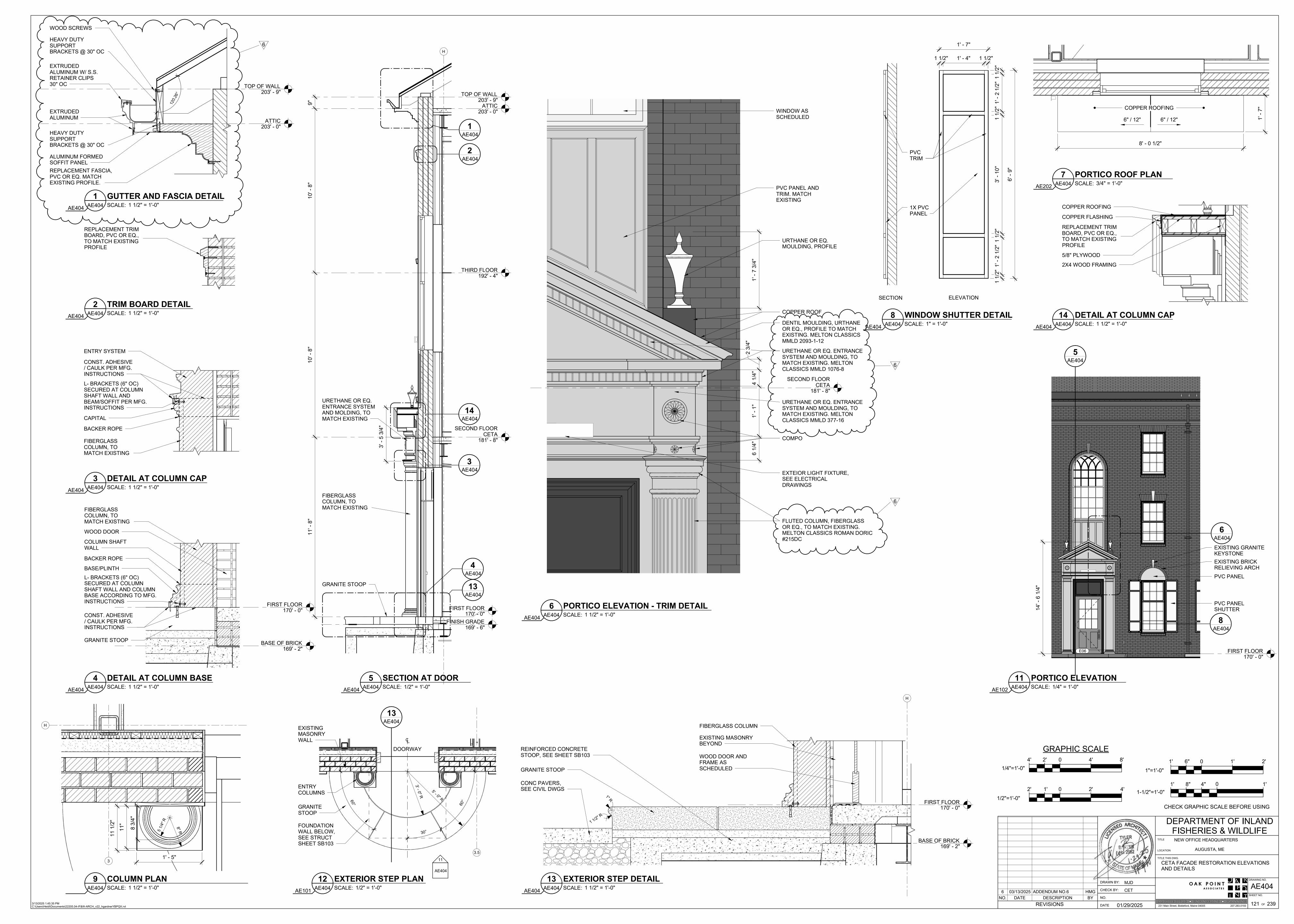
DATE 01/29/2025

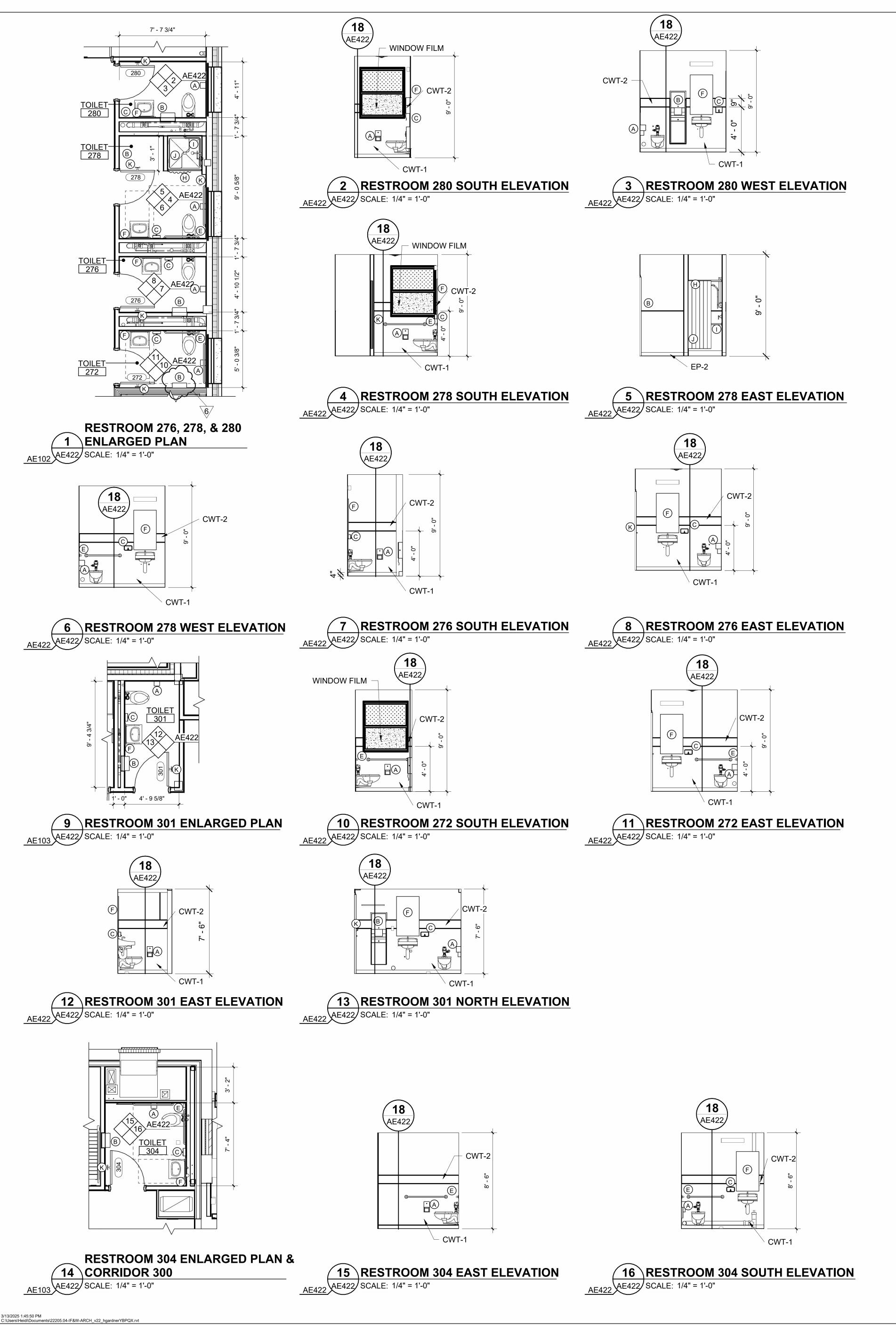
REVISIONS

OAK POINT DAM DRAWING NO.
ASSOCIATES DAM AE104 SHEET NO.



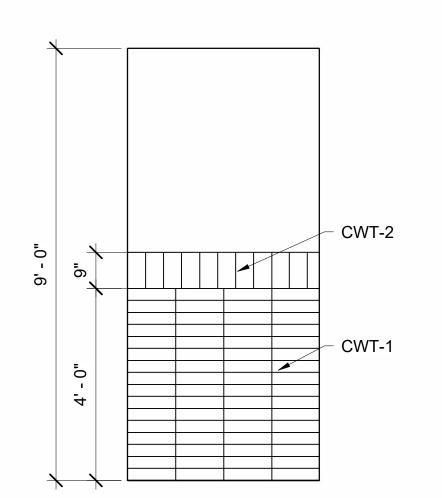




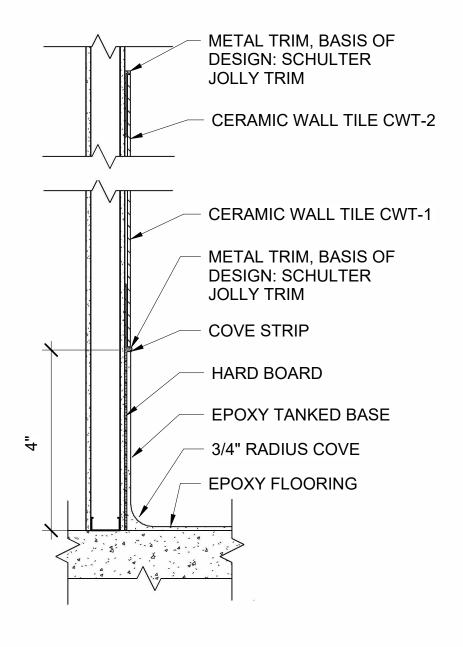


GENERAL NOTES

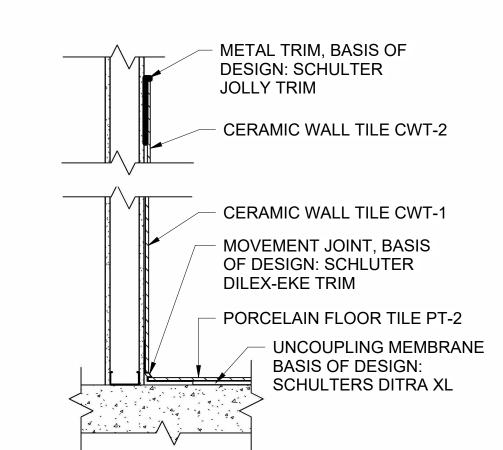
- 1. SEE SHEETS AE101, AE102, OR AE103 FOR KEYNOTES.
- 2. SEE SHEET AE420 FOR MOUNTING HEIGHTS AND RESTROOM ACCESSORY SCHEDULE.
- SEE 17/AE422 FOR TILE PATTERN ELEVATION.
- SEE SHEETS AE601-AE602 FOR DOOR SCHEDULE AND TYPES.
- SEE SHEETS AE640-AE641 FOR ROOM FINISH SCHEDULE.
- 6. COORDINATE BLOCKING LOCATIONS W/ ACCESSORY ITEMS.



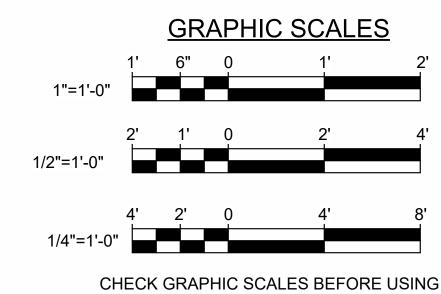


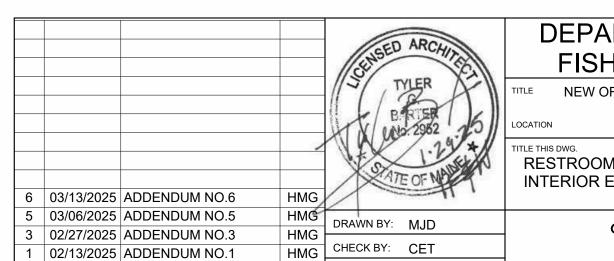


EPOXY FLOOR AND WALL TILE 18 DETAIL AE420 SCALE: 1" = 1'-0"



PORCELAIN TILE FLOOR AND WALL 19 TILE DETAIL
AE422 SCALE: 1" = 1'-0"





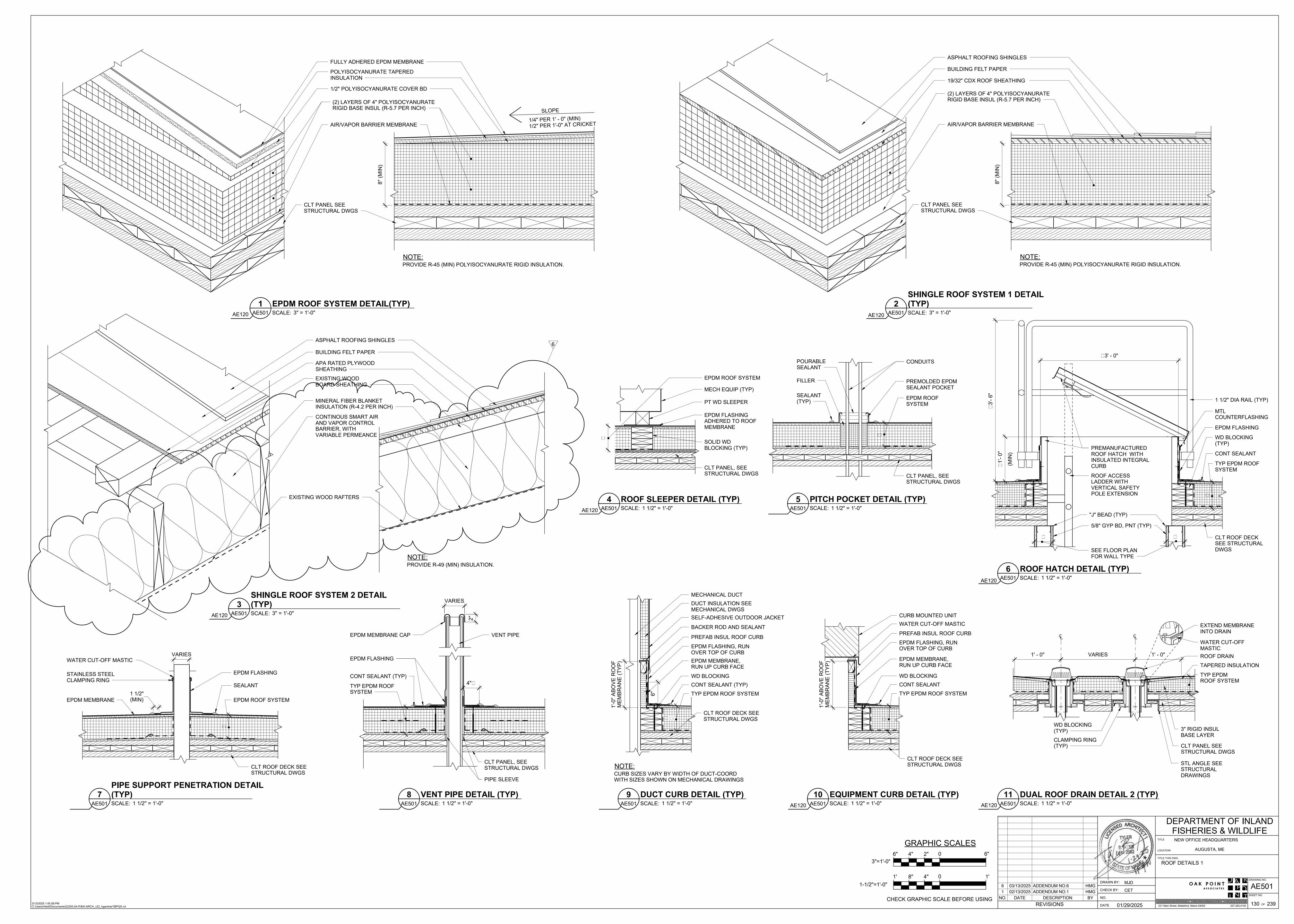
DEPARTMENT OF INLAND FISHERIES & WILDLIFE NEW OFFICE HEADQUARTERS AUGUSTA, ME

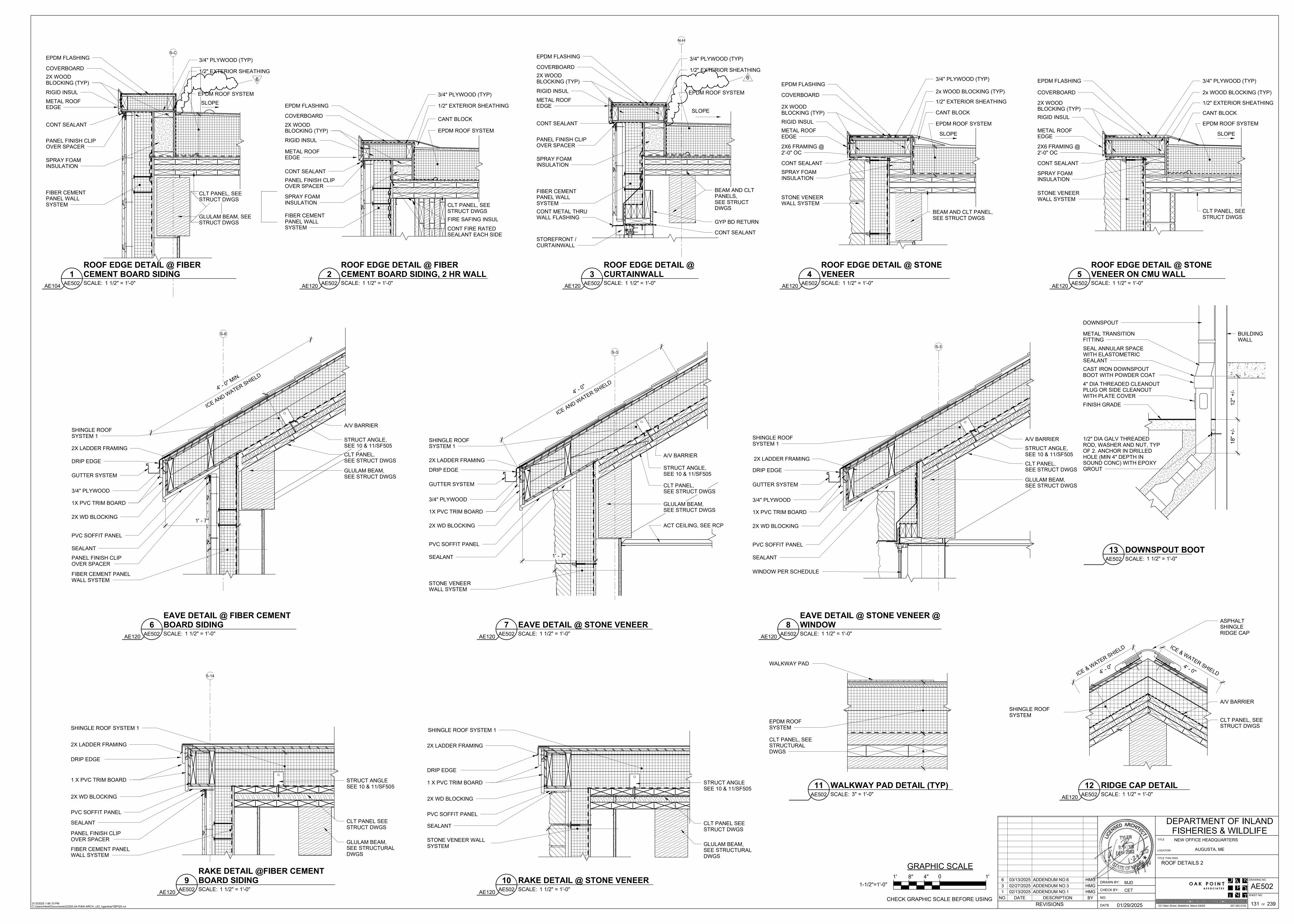
RESTROOM ENLARGED PLAN AND INTERIOR ELEVATION 3

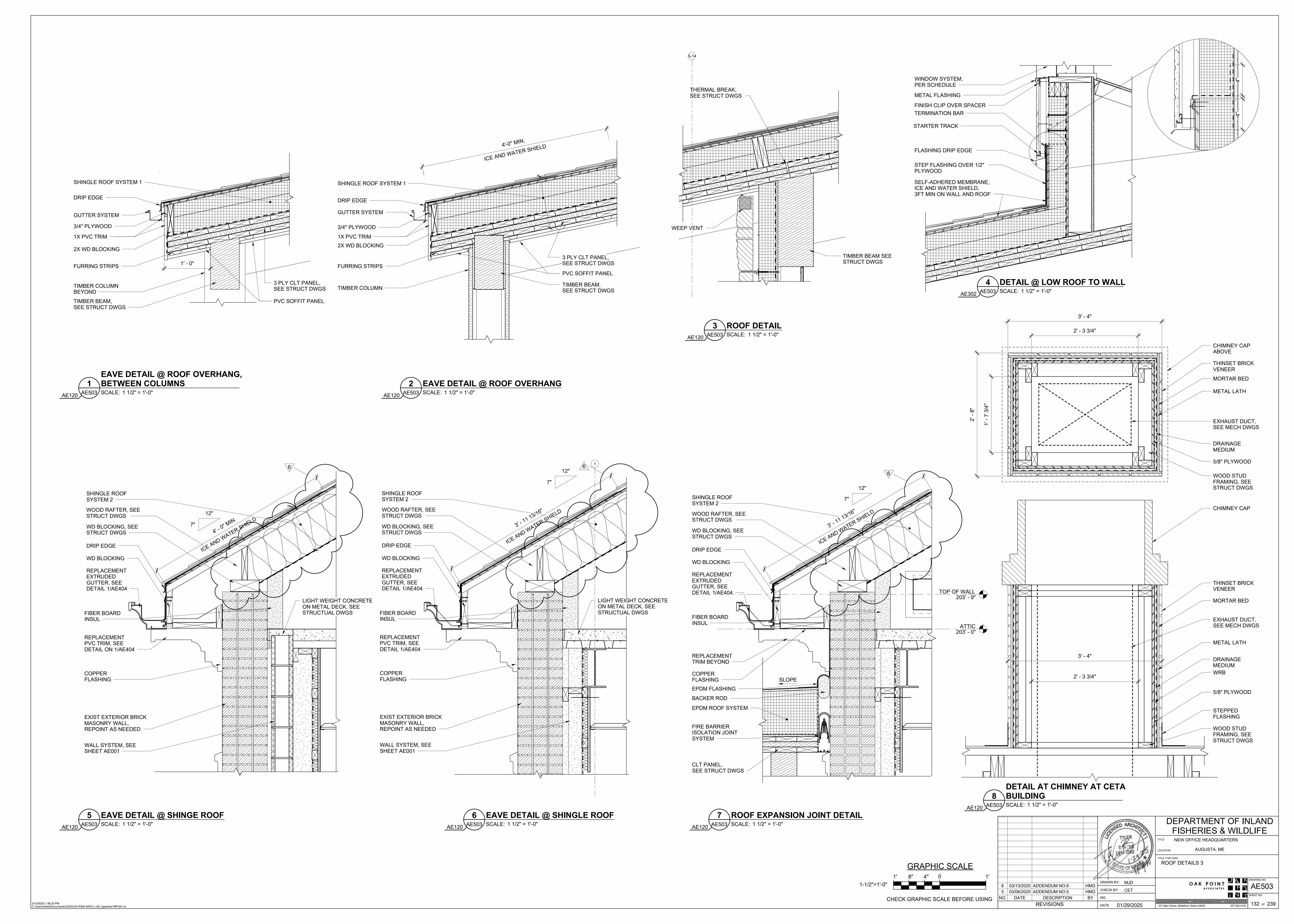
231 Main Street, Biddeford, Maine 04005

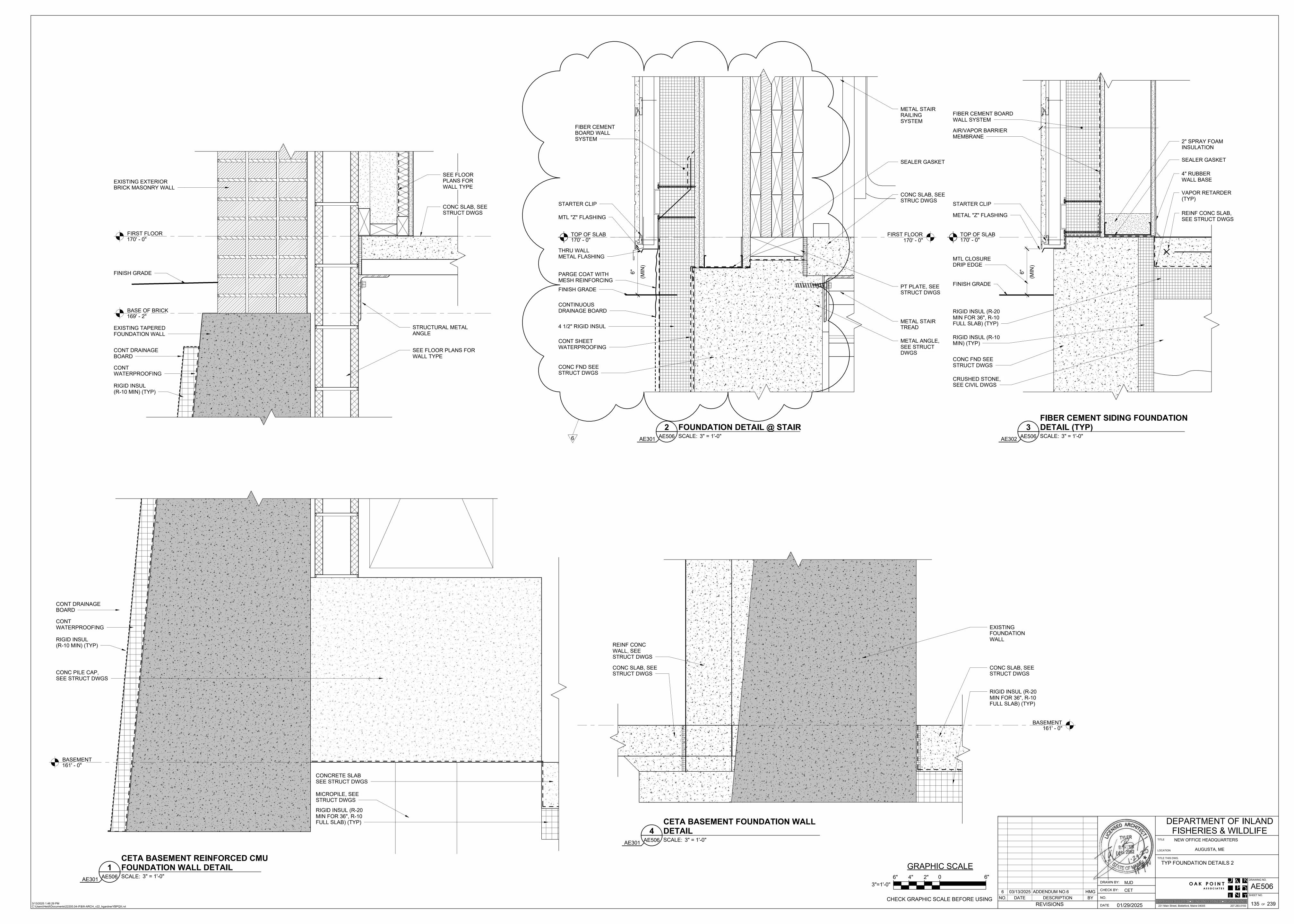
OAK POINT DAM DRAWING NO.
ASSOCIATES DAM AE422

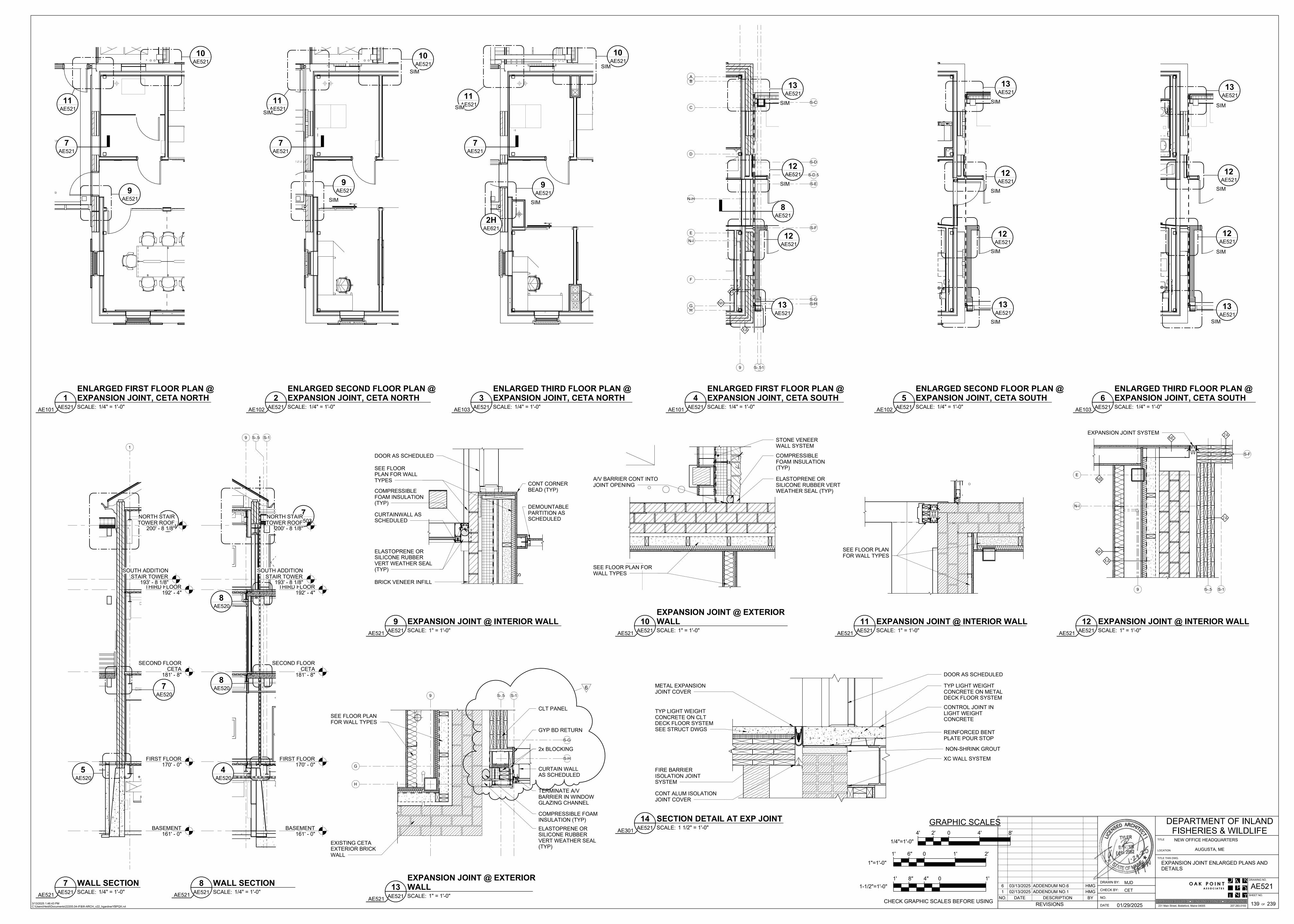
NO. DATE DESCRIPTION REVISIONS DATE 01/29/2025











								<u>DOO</u>	R SCH	EDUL	E - NORT	H ADDITIO	<u>NC</u>		
			DOOR				HARDWARE		FRAME			DETAILS		FIRE	DOOR
NO.	WIDTH	HEIGHT	THICKNESS	TYPE	MAT	FINISH	TYPE	TYPE	MAT	FINISH	HEAD	JAMB	SILL	RATING	NOTES SHADES
160	3' - 0"	7' - 0"	1 3/4"	Α	НМ	PNT	HW-3	2	НМ	PNT	1/AE602	6/AE602	11/AE602		
161	3' - 0"	7' - 0"	1 3/4"	В	НМ		HW-7	2	HM	PNT	1/AE602	6/AE602	11/AE602		
162	3' - 0"	7' - 0"	1 3/4"	A	НМ		HW-3	2	НМ	PNT	1/AE602	6/AE602	11/AE602		
163	3' - 0"	7' - 0"	1 3/4"	Α	НМ		HW-2	2	НМ	PNT	1/AE602	6/AE602	11/AE602		
164	3' - 0"	7' - 0"	1 3/4"	В	НМ		HW-7	2	НМ	PNT	1/AE602	6/AE602	11/AE602		
166	3' - 0"	7' - 0"	1 3/4"	Α	НМ	PNT	HW-3	2	НМ	PNT	1/AE602	6/AE602	11/AE602		
167A	3' - 0"	7' - 0"	1 3/4"	В	НМ	PNT	HW-5B	2	НМ	PNT	1/AE602	6/AE602	11/AE602		
167B	3' - 0"	7' - 0"	1 3/4"	В	НМ	PNT	HW-7	2	НМ	PNT	1/AE602	6/AE602	11/AE602		
168	3' - 0"	7' - 0"	1 3/4"	Α	НМ	PNT	HW-5A	2	HM	PNT	1/AE602	6/AE602	11/AE602		
169	3' - 0"	7' - 0"	1 3/4"	Α	НМ	PNT	HW-5A	2	HM	PNT	1/AE602	6/AE602	11/AE602		
170	3' - 0"	7' - 0"	1 3/4"	В	НМ	PNT	HW-5A	2	HM	PNT	1/AE602	6/AE602	11/AE602		
171	3' - 0"	7' - 0"	1 3/4"	Α	НМ	PNT	HW-5A	2	HM	PNT	1/AE602	6/AE602	11/AE602		
272	3' - 0"	7' - 0"	1 3/4"	Α	НМ	PNT	HW-2	2	HM	PNT	1/AE602	6/AE602	11/AE602		
273	6' - 0"	7' - 0"	1 3/4"	Α	НМ	PNT	HW-3A	4	HM	PNT	1/AE602	6/AE602	11/AE602		
274	3' - 0"	7' - 0"	1 3/4"	Α	НМ	PNT	HW-2	2	HM	PNT	1/AE602	6/AE602	11/AE602		
275	3' - 0"	7' - 0"	1 3/4"	Α	НМ	PNT	HW-3	2	НМ	PNT	1/AE602	6/AE602	11/AE602		
276	3' - 0"	7' - 0"	1 3/4"	Α	НМ	PNT	HW-2	2	HM	PNT	1/AE602	6/AE602	11/AE602		
277	6' - 0"	7' - 0"	1 3/4"	Α	НМ	PNT	HW-3A	4	HM	PNT	1/AE602	6/AE602	11/AE602		
278	3' - 0"	7' - 0"	1 3/4"	Α	НМ	PNT	HW-2	2	HM	PNT	1/AE602	6/AE602	11/AE602		
279	5' - 6"	7' - 0"	1 3/4"	C/C1	НМ	PNT	HW-3A	4A	HM	PNT	1/AE602	6/AE602	11/AE602		
280	3' - 0"	7' - 0"	1 3/4"	Α	HM	PNT	HW-2	2	HM	PNT	1/AE602	6/AE602	11/AE602		
281	3' - 0"	7' - 0"	1 3/4"	Α	HM	PNT	HW-3	2	HM	PNT	2/AE602	7/AE602	11/AE602	60 MIN	
E2A	3' - 0"	7' - 0"	1 3/4"	Α	HM	PNT	HW-3	2	HM	PNT	1/AE602	6/AE602	11/AE602	60 MIN	

									DOO	R SCH	IEDULE -	CETA		
			DOOR				HARDWARE		FRAME			DETAILS		FIRE DOOF
NO.	WIDTH	HEIGHT	THICKNESS	TYPE	MAT	FINISH	TYPE	TYPE	MAT	FINISH	HEAD	JAMB	SILL	RATING NOTES SHADE
002	3' - 0"	7' - 0"	1 3/4"	Α	НМ	PNT	HW-3	2	НМ	PNT	1/AE602	6/AE602	11/AE602	60 MIN
003	3' - 0"	7' - 0"	1 3/4"	Α	НМ	PNT	HW-3	2	НМ	PNT	1/AE602	6/AE602	11/AE602	60 MIN
133	3' - 2"	7' - 2"	1 3/4"	G1	ALUM	HPC	HW-6	7	ALUM	HPC	40/45000	4D/4E000	40/45000	DEMOUNTABLE PARTITION (NB)
136 138	3' - 2" 3' - 2"	7' - 2" 7' - 2"	1 3/4" 1 3/4"	G1 G1	ALUM ALUM	HPC HPC	HW-4 HW-4	9	ALUM ALUM	HPC HPC	1C/AE630 1C/AE630	1D/AE630 1D/AE630	1C/AE630 1C/AE630	DEMOUNTABLE PARTITION SLIDING DOOR DEMOUNTABLE PARTITION SLIDING DOOR
139	3' - 2"	7' - 2"	1 3/4"	G1	ALUM	HPC	HW-4	9	ALUM	HPC	1C/AE630	1D/AE630	1C/AE630	DEMOUNTABLE PARTITION SLIDING DOOR DEMOUNTABLE PARTITION SLIDING DOOR
140	3' - 2"	7' - 2"	1 3/4"	G1	ALUM	HPC	HW-4	9	ALUM	HPC	1C/AE630	1D/AE630	1C/AE630	DEMOUNTABLE PARTITION SLIDING DOOR
141	3' - 2"	7' - 2"	1 3/4"	G1	ALUM	HPC	HW-4	9	ALUM	HPC	1C/AE630	1D/AE630	1C/AE630	DEMOUNTABLE PARTITION SLIDING DOOR
142 143	3' - 2" 3' - 2"	7' - 2" 7' - 2"	1 3/4" 1 3/4"	G1 G1	ALUM ALUM	HPC HPC	HW-4 HW-4	9	ALUM ALUM	HPC HPC	1C/AE630 1C/AE630	1D/AE630 1D/AE630	1C/AE630 1C/AE630	DEMOUNTABLE PARTITION SLIDING DOOR DEMOUNTABLE PARTITION SLIDING DOOR
144	3' - 2"	7' - 2"	1 3/4"	G1	ALUM	HPC	HW-4	9	ALUM	HPC	1C/AE630	1D/AE630	1C/AE630	DEMOUNTABLE PARTITION SLIDING DOOR
145	3' - 2"	7' - 2"	1 3/4"	G1	ALUM	HPC	HW-4	9	ALUM	HPC	1C/AE630	1D/AE630	1C/AE630	DEMOUNTABLE PARTITION SLIDING DOOR
146	3' - 2"	7' - 2"	1 3/4"	G1	ALUM	HPC	HW-4	9	ALUM	HPC	1C/AE630	1D/AE630	1C/AE630	DEMOUNTABLE PARTITION SLIDING DOOR
47 48	3' - 2" 3' - 2"	7' - 2" 7' - 2"	1 3/4" 1 3/4"	G1 G1	ALUM ALUM	HPC HPC	HW-4 HW-4	9	ALUM ALUM	HPC HPC	1C/AE630 1C/AE630	1D/AE630 1D/AE630	1C/AE630 1C/AE630	DEMOUNTABLE PARTITION SLIDING DOOR DEMOUNTABLE PARTITION SLIDING DOOR
149	3' - 2"	7' - 2"	1 3/4"	G1	ALUM	HPC	HW-4	9	ALUM	HPC	1C/AE630	1D/AE630	1C/AE630	DEMOUNTABLE PARTITION SLIDING DOOR
150	3' - 2"	7' - 2"	1 3/4"	G1	ALUM	HPC	HW-4	9	ALUM	HPC	1C/AE630	1D/AE630	1C/AE630	DEMOUNTABLE PARTITION SLIDING DOOR
151	3' - 2"	7' - 2"	1 3/4"	G1	ALUM	HPC	HW-4	9	ALUM	HPC	1C/AE630	1D/AE630	1C/AE630	DEMOUNTABLE PARTITION SLIDING DOOR
152	3' - 0 1/4"	7' - 0 3/8"	1 3/4"	G C1	ALUM	<u> </u>	HW-6	12	ALUM	HPC	1F/AE630	1G/AE630	1F/AE630	DEMOUNTABLE PARTITION SWINGING DOOR
153 154	3' - 2" 3' - 2"	7' - 2" 7' - 2"	1 3/4" 1 3/4"	G1 G1	ALUM ALUM	HPC HPC	HW-4 HW-4	9	ALUM ALUM	HPC HPC	1C/AE630 1C/AE630	1D/AE630 1D/AE630	1C/AE630 1C/AE630	DEMOUNTABLE PARTITION SLIDING DOOR DEMOUNTABLE PARTITION SLIDING DOOR
155	3' - 0"	6' - 11 1/2"	1 3/4"	G	ALUM	HPC	HW-5	8	ALUM	HPC	1F/AE630	1G/AE630	1F/AE630	DEMOUNTABLE PARTITION SWINGING DOOR
156	3' - 2"	7' - 2"	1 3/4"	G1	ALUM	HPC	HW-4	9	ALUM	HPC	1C/AE630	1D/AE630	1C/AE630	DEMOUNTABLE PARTITION SLIDING DOOR
157	3' - 0"	6' - 11 1/2"	1 3/4"	G	ALUM	HPC	HW-5	8	ALUM	HPC	1F/AE630	1G/AE630	1F/AE630	DEMOUNTABLE PARTITION SWINGING DOOR
158 200	3' - 0" 3' - 0"	7' - 0" 7' - 0"	1 3/4" 1 3/4"	A B	HM HM	PNT PNT	HW-3 HW-7	2	HM HM	PNT PNT	1/AE602 1/AE602	6/AE602 6/AE602	11/AE602 11/AE602	60 MIN
239	3' - 2"	7 - 0	1 3/4"	G1	ALUM	HPC	HW-6	9	ALUM	HPC	1C/AE630	1D/AE630	1C/AE630	DEMOUNTABLE PARTITION (NB)
240	3' - 2"	7' - 2"	1 3/4"	G1	ALUM	HPC	HW-6	9	ALUM	HPC	1C/AE630	1D/AE630	1C/AE630	DEMOUNTABLE PARTITION (NB)
241	3' - 2"	7' - 2"	1 3/4"	G1	ALUM	HPC	HW-4	9	ALUM	HPC	1C/AE630	1D/AE630	1C/AE630	DEMOUNTABLE PARTITION SLIDING DOOR
242	3' - 2"	7' - 2"	1 3/4"	G1	ALUM	HPC	HW-4	9	ALUM	HPC	1C/AE630	1D/AE630	1C/AE630	DEMOUNTABLE PARTITION SLIDING DOOR
243 244	3' - 2" 3' - 2"	7' - 2" 7' - 2"	1 3/4" 1 3/4"	G1 G1	ALUM ALUM	HPC HPC	HW-6 HW-4	9	ALUM ALUM	HPC HPC	1C/AE630 1C/AE630	1D/AE630 1D/AE630	1C/AE630 1C/AE630	DEMOUNTABLE PARTITION SLIDING DOOR DEMOUNTABLE PARTITION SLIDING DOOR
46	3' - 2"	7' - 2"	1 3/4"	G1	ALUM	HPC	HW-4	9	ALUM	HPC	1C/AE630	1D/AE630	1C/AE630	DEMOUNTABLE PARTITION SLIDING DOOR
48	3' - 2"	7' - 2"	1 3/4"	G1	ALUM	HPC	HW-4	9	ALUM	HPC	1C/AE630	1D/AE630	1C/AE630	DEMOUNTABLE PARTITION SLIDING DOOR
249	3' - 2"	7' - 2"	1 3/4"	G1	ALUM	HPC	HW-4	9	ALUM	HPC	1C/AE630	1D/AE630	1C/AE630	DEMOUNTABLE PARTITION SLIDING DOOR
250 251	3' - 2" 3' - 2"	7' - 2" 7' - 2"	1 3/4" 1 3/4"	G1 G1	ALUM ALUM	HPC HPC	HW-4 HW-4	9	ALUM ALUM	HPC HPC	1C/AE630 1C/AE630	1D/AE630 1D/AE630	1C/AE630 1C/AE630	DEMOUNTABLE PARTITION SLIDING DOOR DEMOUNTABLE PARTITION SLIDING DOOR
252	3' - 2"	7' - 2"	1 3/4"	G1	ALUM	HPC	HW-4	9	ALUM	HPC	1C/AE630	1D/AE630	1C/AE630	DEMOUNTABLE PARTITION SLIDING DOOR DEMOUNTABLE PARTITION SLIDING DOOR
253	3' - 2"	7' - 2"	1 3/4"	G1	ALUM	HPC	HW-4	9	ALUM	HPC	1C/AE630	1D/AE630	1C/AE630	DEMOUNTABLE PARTITION SLIDING DOOR
254	3' - 2"	7' - 2"	1 3/4"	G1	ALUM	HPC	HW-4	9	ALUM	HPC	1C/AE630	1D/AE630	1C/AE630	DEMOUNTABLE PARTITION SLIDING DOOR
255	3' - 2"	7' - 2"	1 3/4"	G1	ALUM	HPC	HW-4	9	ALUM	HPC	1C/AE630	1D/AE630	1C/AE630	DEMOUNTABLE PARTITION SLIDING DOOR
256 257	3' - 2" 3' - 2"	7' - 2" 7' - 2"	1 3/4" 1 3/4"	G1 G1	ALUM ALUM	HPC HPC	HW-4 HW-4	9	ALUM ALUM	HPC HPC	1C/AE630 1C/AE630	1D/AE630 1D/AE630	1C/AE630 1C/AE630	DEMOUNTABLE PARTITION SLIDING DOOR DEMOUNTABLE PARTITION SLIDING DOOR
258	3' - 2"	7' - 2"	1 3/4"	G1	ALUM	HPC	HW-4	9	ALUM	HPC	1C/AE630	1D/AE630	1C/AE630	DEMOUNTABLE PARTITION SLIDING DOOR
259	3' - 2"	7' - 2"	1 3/4"	G1	ALUM	HPC	HW-4	9	ALUM	HPC	1C/AE630	1D/AE630	1C/AE630	DEMOUNTABLE PARTITION SLIDING DOOR
260	3' - 2"	7' - 2"	1 3/4"	G1	ALUM	HPC	HW-4	9	ALUM	HPC	1C/AE630	1D/AE630	1C/AE630	DEMOUNTABLE PARTITION SLIDING DOOR
262 263	3' - 2" 3' - 2"	7' - 2" 7' - 2"	1 3/4" 1 3/4"	G1 G1	ALUM ALUM	HPC HPC	HW-4 HW-4	9	ALUM ALUM	HPC HPC	1C/AE630 1C/AE630	1D/AE630 1D/AE630	1C/AE630 1C/AE630	DEMOUNTABLE PARTITION SLIDING DOOR DEMOUNTABLE PARTITION SLIDING DOOR
64	3' - 2"	7' - 2"	1 3/4"	G1	ALUM	HPC	HW-4	9	ALUM	HPC	1C/AE630	1D/AE630	1C/AE630	DEMOUNTABLE PARTITION SLIDING DOOR
65	3' - 2"	7' - 2"	1 3/4"	G1	ALUM	HPC	HW-4	9	ALUM	HPC	1C/AE630	1D/AE630	1C/AE630	DEMOUNTABLE PARTITION SLIDING DOOR
66	3' - 2"	7' - 2"	1 3/4"	G1	ALUM	HPC	HW-4	9	ALUM	HPC	1C/AE630	1D/AE630	1C/AE630	DEMOUNTABLE PARTITION SLIDING DOOR
267	3' - 2"	7' - 2" 7' - 2"	1 3/4" 1 3/4"	G1	ALUM	HPC HPC	HW-4	9	ALUM	HPC	1C/AE630	1D/AE630	1C/AE630	DEMOUNTABLE PARTITION SLIDING DOOR
268 269	3' - 2" 3' - 2"	7 - 2	1 3/4"	G1 G1	ALUM ALUM	HPC	HW-4 HW-4	9	ALUM ALUM	HPC HPC	1C/AE630 1C/AE630	1D/AE630 1D/AE630	1C/AE630 1C/AE630	DEMOUNTABLE PARTITION SLIDING DOOR DEMOUNTABLE PARTITION SLIDING DOOR
70	3' - 0"	7' - 0"	1 3/4"	A	HM	PNT	HW-3	2	HM	PNT	1/AE602	6/AE602	11/AE602	DEMOGRATION SELECTION SECOND
04	3' - 0"	7' - 0"	1 3/4"	Α	НМ	PNT	HW-2	2	НМ	PNT	1/AE602	6/AE602	11/AE602	
05	3' - 2"	7' - 2"	1 3/4"	G1	ALUM	HPC	HW-6	7	ALUM	HPC				DEMOUNTABLE PARTITION SLIDING DOOR
06 06A	3' - 2" 3' - 0"	7' - 2" 7' - 0"	1 3/4" 1 3/4"	G1 A	ALUM HM	HPC PNT	HW-6 HW-3	9 2	ALUM HM	HPC PNT	1/AE602	6/AE602	11/AE602	DEMOUNTABLE PARTITION SLIDING DOOR 60 MIN
07	3' - 2"	7' - 0"	1 3/4"	A 	ALUM	HPC	HW-6	7	ALUM	HPC	I/ALUUZ	UITLUUZ	IIIALUUZ	DEMOUNTABLE PARTITION SLIDING DOOR
08	3' - 2"	7' - 2"	1 3/4"	G1	ALUM	HPC	HW-4	9	ALUM	HPC	1C/AE630	1D/AE630	1C/AE630	DEMOUNTABLE PARTITION SLIDING DOOR
09	3' - 0 3/4"	7' - 0"	1 3/4"	G	ALUM	HPC	HW-6A	12	ALUM	HPC	1F/AE630	1G/AE630	1F/AE630	DEMOUNTABLE PARTITION SWINGING DOOR
12	3' - 2"	7' - 2"	1 3/4"	G1	ALUM	HPC	HW-4	9	ALUM	HPC	1C/AE630	1D/AE630	1C/AE630	DEMOUNTABLE PARTITION SLIDING DOOR
13 14	3' - 2" 3' - 2"	7' - 2" 7' - 2"	1 3/4" 1 3/4"	G1 G1	ALUM ALUM	HPC HPC	HW-4 HW-4	9	ALUM ALUM	HPC HPC	1C/AE630 1C/AE630	1D/AE630 1D/AE630	1C/AE630 1C/AE630	DEMOUNTABLE PARTITION SLIDING DOOR DEMOUNTABLE PARTITION SLIDING DOOR
15	3' - 2"	7' - 2"	1 3/4"	G1	ALUM	HPC	HW-4	9	ALUM	HPC	1C/AE630	1D/AE630	1C/AE630	DEMOUNTABLE PARTITION SLIDING DOOR DEMOUNTABLE PARTITION SLIDING DOOR
16	3' - 2"	7' - 2"	1 3/4"	G1	ALUM	HPC	HW-4	9	ALUM	HPC	1C/AE630	1D/AE630	1C/AE630	DEMOUNTABLE PARTITION SLIDING DOOR
17	3' - 2"	7' - 2"	1 3/4"	G1	ALUM	HPC	HW-4	9	ALUM	HPC	1C/AE630	1D/AE630	1C/AE630	DEMOUNTABLE PARTITION SLIDING DOOR
18	3' - 2"	7' - 2"	1 3/4"	G1	ALUM	HPC	HW-4	9	ALUM	HPC	1C/AE630	1D/AE630	1C/AE630	DEMOUNTABLE PARTITION SLIDING DOOR
19 20	3' - 2" 3' - 2"	7' - 2" 7' - 2"	1 3/4" 1 3/4"	G1 G1	ALUM ALUM	HPC HPC	HW-4 HW-4	9	ALUM ALUM	HPC HPC	1C/AE630 1C/AE630	1D/AE630 1D/AE630	1C/AE630 1C/AE630	DEMOUNTABLE PARTITION SLIDING DOOR DEMOUNTABLE PARTITION SLIDING DOOR
20 21	3' - 0"	7' - 0"	1 3/4"	G	ALUM		HW-5	8	ALUM	HPC	1F/AE630	1G/AE630	1F/AE630	DEMOUNTABLE PARTITION SUING DOOR DEMOUNTABLE PARTITION SWINGING DOOR
22	3' - 2"	7' - 2"	1 3/4"	G1	ALUM		HW-4	9	ALUM	HPC	1C/AE630	1D/AE630	1C/AE630	DEMOUNTABLE PARTITION SLIDING DOOR
23	3' - 0"	7' - 0"	1 3/4"	G	ALUM	 	HW-5	8	ALUM	HPC	1F/AE630	1G/AE630	1F/AE630	DEMOUNTABLE PARTITION SWINGING DOOR
24	3' - 2"	7' - 2"	1 3/4"	G1	ALUM		HW-4	9	ALUM	HPC	1C/AE630	1D/AE630	1C/AE630	DEMOUNTABLE PARTITION SLIDING DOOR
25 26	3' - 2" 3' - 2"	7' - 2" 7' - 2"	1 3/4" 1 3/4"	G1 G1	ALUM ALUM		HW-4 HW-4	9	ALUM ALUM	HPC HPC	1C/AE630 1C/AE630	1D/AE630 1D/AE630	1C/AE630 1C/AE630	DEMOUNTABLE PARTITION SLIDING DOOR DEMOUNTABLE PARTITION SLIDING DOOR
27	3' - 2"	7' - 2"	1 3/4"	G1	ALUM		HW-4	9	ALUM	HPC	1C/AE630	1D/AE630	1C/AE630	DEMOUNTABLE PARTITION SLIDING DOOR
28	3' - 2"	7' - 2"	1 3/4"	G1	ALUM	HPC	HW-4	9	ALUM	HPC	1C/AE630	1D/AE630	1C/AE630	DEMOUNTABLE PARTITION SLIDING DOOR
30	3' - 0"	7' - 0"	1 3/4"	Α	НМ	PNT	HW-3	2	НМ	PNT	1/AE602	6/AE602	11/AE602	

N	IO.	WIDTH	HEIGHT	DOOR THICKNESS	S TYPE	MAT	FINISH	HARDWARE TYPE	-	FRAME MAT	FINISH	HEAD	DETAILS JAMB	SILL	FIRE RATING	NOTES	DOOR SHADES
<u> </u>	04	3' - 0"	7' - 0"	1 3/4"	Α	HM	PNT	HW-3	2	HM	PNT	1/AE602	6/AE602	11/AE602	60 MIN		
	05 06	3' - 0" 3' - 0"	7' - 0" 7' - 0"	1 3/4" 1 3/4"	6 A	HM HM	PNT PNT	HW-3	2	HM HM	PNT	1/AE602 1/AE602	6/AE602 6/AE602	11/AE602 11/AE602			
	00 00A	6' - 0"	7' - 0"	1 3/4"	D	ALUM	HPC	EH-1	 S1A	ALUM	HPC	3C/AE621	3D/AE621	3F/AE621			+
	00B	6' - 0"	7' - 0"	1 3/4"	{ D }	ALUM	HPC	EH-2	S2A	ALUM	HPC	3C/AE621	3D/AE621	3F/AE621			
	01	3' - 0"	7' - 0"	1 3/4"	A	НМ	PNT	HW-2	2	НМ	PNT	1/AE602	6/AE602	11/AE602			
-)2A	3' - 0" 3' - 0"	7' - 0" 7' - 0"	1 3/4" 1 3/4"	B B	HM HM	PNT PNT	HW-5B HW-5B	2 2	HM HM	PNT	1/AE602 1/AE602	6/AE602 6/AE602	11/AE602 11/AE602	60 MIN		
)2B)2C	3' - 0"	7' - 0"	1 3/4"	В	HM	PNT	HW-5B	2	HM	PNT	1/AE602 1/AE602	6/AE602	11/AE602 11/AE602			
—	03	3' - 0"	7' - 0"	1 3/4"	A	НМ	PNT	HW-2	2	НМ	PNT	1/AE602	6/AE602	11/AE602			
-	04	6' - 0"	7' - 0"	1 3/4"	D	НМ	PNT	HW-7A	2	HM	PNT	1/AE602	6/AE602	11/AE602			
-	05	6' - 0"	7' - 0"	1 3/4"	A	HM	PNT	HW-3A	4	HM	PNT	1/AE602	6/AE602	11/AE602			
<u> </u>	06 07	3' - 0" 3' - 0"	7' - 0" 7' - 0"	1 3/4" 1 3/4"	A	HM HM	PNT PNT	HW-2	2 2	HM HM	PNT	1/AE602 1/AE602	6/AE602 6/AE602	11/AE602 11/AE602			+
	08	3' - 0"	7' - 0"	1 3/4"	A	HM	PNT	HW-2	2	HM	PNT	1/AE602	6/AE602	11/AE602			
-	11	3' - 0"	7' - 0"	1 3/4"	В	НМ	PNT	HW-5A	2	HM	PNT	1/AE602	6/AE602	11/AE602			
	11A	3' - 0"	7' - 0"	1 3/4"	В	HM	PNT	HW-5A	2	HM	PNT	1/AE602	6/AE602	11/AE602		DEMOLINITARILE RARTITIONI OLIRINO ROOR	
	11B 12	3' - 2" 3' - 0"	7' - 2" 7' - 0"	1 3/4" 1 3/4"	G1 B	ALUM HM	HPC PNT	HW-4 HW-5A	9 2	ALUM HM	HPC PNT	1/AE602	6/AE602	11/AE602	60 MIN	DEMOUNTABLE PARTITION SLIDING DOOR	+
	13	3' - 0"	7' - 0"	1 3/4"	В	HM	PNT	HW-5A	2	HM	PNT	1/AE602	6/AE602	11/AE602	OG IVIII V		
-	14	3' - 2"	7' - 2"	1 3/4"	G1	ALUM	HPC	HW-4	9	ALUM	HPC	1C/AE630	1D/AE630	1C/AE630		DEMOUNTABLE PARTITION SLIDING DOOR	
	15	3' - 2"	7' - 2"	1 3/4"	G1	ALUM	HPC	HW-4	9	ALUM	HPC	1C/AE630	1D/AE630	1C/AE630		DEMOUNTABLE PARTITION SLIDING DOOR	
	16 17	3' - 2" 3' - 2"	7' - 2" 7' - 2"	1 3/4" 1 3/4"	G1 G1	ALUM ALUM	HPC HPC	HW-4 HW-4	9	ALUM ALUM	HPC HPC	1C/AE630 1C/AE630	1D/AE630 1D/AE630	1C/AE630 1C/AE630		DEMOUNTABLE PARTITION SLIDING DOOR DEMOUNTABLE PARTITION SLIDING DOOR	
	17	3' - 2"	7' - 2"	1 3/4"	G1 G1	ALUM	HPC	HVV-4 HW-4	9 7	ALUM	HPC	IU/AE03U	IDIAE030	IO/AE030		DEMOUNTABLE PARTITION SLIDING DOOR DEMOUNTABLE PARTITION (NB)	
	20	3' - 0"	7' - 0"	1 3/4"	A	HM	PNT	HW-2	2	HM	PNT	1/AE602	6/AE602	11/AE602			
	21	3' - 0"	7' - 0"	1 3/4"	Α	НМ	PNT	HW-2	2	НМ	PNT	1/AE602	6/AE602	11/AE602			
	23	3' - 2"	7' - 2"	1 3/4"	G1	ALUM	HPC	HW-4	10	ALUM	HPC	1C/AE630	1D/AE630	1C/AE630		DEMOUNTABLE PARTITION SLIDING DOOR	
-	24 25	3' - 2" 3' - 2"	7' - 2" 7' - 2"	1 3/4" 1 3/4"	G1 G1	ALUM ALUM	HPC HPC	HW-4	9	ALUM ALUM	HPC HPC	1C/AE630 1C/AE630	1D/AE630 1D/AE630	1C/AE630 1C/AE630		DEMOUNTABLE PARTITION SLIDING DOOR DEMOUNTABLE PARTITION SLIDING DOOR	
-	26	3' - 2"	7' - 2"	1 3/4"	G1	ALUM	HPC	HW-4	9	ALUM	HPC	1C/AE630	1D/AE630	1C/AE630		DEMOUNTABLE PARTITION SLIDING DOOR	
-	28	3' - 0"	7' - 0"	1 3/4"	Α	НМ	PNT	HW-3	2	НМ	PNT	1/AE602	6/AE602	11/AE602			
	29	3' - 0"	7' - 0"	1 3/4"	А	НМ	PNT	HW-3	2	HM	PNT	1/AE602	6/AE602	11/AE602			
	30	6' - 0" 3' - 0"	7' - 0" 7' - 0"	1 3/4" 1 3/4"	A	HM HM	PNT PNT	HW-3A HW-3	4	HM HM	PNT	1/AE602	6/AE602 6/AE602	11/AE602			
	31 32	3' - 0"	7' - 0"	1 3/4"	A	HM	PNT	HW-3	2	HM	PNT	1/AE602 1/AE602	6/AE602	11/AE602 11/AE602			
<u> </u>	37	3' - 0"	7' - 0"	1 3/4"	B	HM	PNT	HW-7	2	HM	PNT	1/AE602	6/AE602	11/AE602	60 MIN		
20)1A	6' - 0"	7' - 0"	1 3/4"	(E)	ALUM	HPC	EH-2	S3A	ALUM	HPC	3C/AE621	3D/AE621	3F/AE621			
	02	3' - 0"	7' - 0"	1 3/4"	Y A	HM	PNT	HW-2	2	HM	PNT	1/AE602	6/AE602	11/AE602			
-	03	3' - 0" 3' - 0"	7' - 0" 7' - 0"	1 3/4" 1 3/4"	A	HM HM	PNT PNT	HW-2	2	HM HM	PNT	1/AE602 1/AE602	6/AE602 6/AE602	11/AE602 11/AE602			
	05	3' - 0"	7' - 0"	1 3/4"	Α	НМ	PNT	HW-2	2	НМ	PNT	1/AE602	6/AE602	11/AE602			
	06	6' - 0"	7' - 0"	1 3/4"	D	НМ	PNT	HW-7A	2	HM	PNT	1/AE602	6/AE602	11/AE602	60 MIN		
	06A 07	6' - 0" 3' - 0"	7' - 0" 7' - 0"	1 3/4" 1 3/4"	D A	HM	PNT PNT	HW-7A HW-2	2 2	HM HM	PNT	1/AE602 1/AE602	6/AE602 6/AE602	11/AE602 11/AE602	60 MIN 60 MIN		
	08	3' - 0"	7' - 0"	1 3/4"	G	ALUM	HPC	HW-6A	12	ALUM	HPC	1F/AE630	1G/AE630	1F/AE630	OO WIIIV	DEMOUNTABLE PARTITION SWINGING DOOR	
2	09	3' - 2"	7' - 2"	1 3/4"	G1	ALUM	HPC	HW-4	9	ALUM	HPC					DEMOUNTABLE PARTITION (NB)	
	10	3' - 2"	7' - 2"	1 3/4"	G1	ALUM	HPC	HW-4	9	ALUM	HPC					DEMOUNTABLE PARTITION (NB)	
<u> </u>	11	3' - 2" 3' - 0"	7' - 2" 7' - 0"	1 3/4" 1 3/4"	G1	ALUM HM	HPC PNT	HW-4 HW-2	9 2	ALUM HM	PNT	1/AE602	6/AE602	11/AE602		DEMOUNTABLE PARTITION (NB)	
-	13	3' - 0"	7' - 0"	1 3/4"	A	HM	PNT	HW-2	2	HM	PNT	1/AE602	6/AE602	11/AE602			
2	14	3' - 0"	7' - 0"	1 3/4"	А	НМ	PNT	HW-3	2	НМ	PNT	1/AE602	6/AE602	11/AE602			
-	15A	3' - 0"	7' - 0"	1 3/4"	В	HM	PNT	HW-7	2	HM	PNT	1/AE602	6/AE602	11/AE602			
	15B 16	3' - 0" 3' - 0"	7' - 0" 7' - 0"	1 3/4" 1 3/4"	B B	HM HM	PNT PNT	HW-7 HW-8	2 2	HM HM	PNT	1/AE602 1/AE602	6/AE602 6/AE602	11/AE602 11/AE602			
	17	3' - 2"	7 - 0	1 3/4"	G1	ALUM	HPC	HW-4	9	ALUM	HPC	1/AE602 1/AE602	6/AE602	11/AE602 11/AE602		DEMOUNTABLE PARTITION (NB)	
	19	3' - 2"	7' - 2"	1 3/4"	G1	ALUM	HPC	HW-4	9	ALUM	HPC	1C/AE630	1D/AE630	1C/AE630		DEMOUNTABLE PARTITION SLIDING DOOR	
	20	3' - 2"	7' - 2"	1 3/4"	G1	ALUM	HPC	HW-4	9	ALUM	HPC	1C/AE630	1D/AE630	1C/AE630		DEMOUNTABLE PARTITION SLIDING DOOR	
	22	3' - 2" 3' - 2"	7' - 2" 7' - 2"	1 3/4" 1 3/4"	G1	ALUM ALUM	HPC HPC	HW-4	9	ALUM ALUM	HPC HPC	1C/AE630	1D/AE630 1D/AE630	1C/AE630		DEMOUNTABLE PARTITION SLIDING DOOR DEMOUNTABLE PARTITION SLIDING DOOR	
	23 24	3' - 2"	7' - 2"	1 3/4"	G1 G1	ALUM	HPC	HVV-4 HW-4	<u>9</u> 8	ALUM	HPC	1C/AE630 1C/AE630	1D/AE630 1D/AE630	1C/AE630 1C/AE630		DEMOUNTABLE PARTITION SLIDING DOOR DEMOUNTABLE PARTITION SLIDING DOOR	
	25	3' - 2"	7' - 2"	1 3/4"	G1	ALUM	HPC	HW-4	9	ALUM	HPC	1C/AE630	1D/AE630	1C/AE630		DEMOUNTABLE PARTITION SLIDING DOOR	
	26	3' - 2"	7' - 2"	1 3/4"	G1	ALUM	HPC	HW-4	9	ALUM	HPC	1C/AE630	1D/AE630	1C/AE630		DEMOUNTABLE PARTITION SLIDING DOOR	
	28	3' - 2"	7' - 2"	1 3/4"	G1	ALUM	HPC	HW-4	9	ALUM	HPC	1C/AE630	1D/AE630	1C/AE630		DEMOUNTABLE PARTITION SLIDING DOOR	
	29 30	3' - 0" 3' - 2"	7' - 0" 7' - 2"	1 3/4" 1 3/4"	A G1	HM ALUM	PNT HPC	HW-3 HW-4	9	HM ALUM	PNT HPC	1/AE602 1C/AE630	6/AE602 1D/AE630	11/AE602 1C/AE630		DEMOUNTABLE PARTITION SLIDING DOOR	
	31A	3' - 0"	7' - 0"	1 3/4"	В	HM	PNT	HW-7	2	HM	PNT	3/AE603	4/AE603	5/AE603			
	31B	3' - 0"	7' - 0"	1 3/4"	В	НМ	PNT	HW-7	2	НМ	PNT	1/AE602	6/AE602	11/AE602			
	32	3' - 2"	7' - 2"	1 3/4"	G1	ALUM	HPC	HW-4	8	ALUM	HPC	1C/AE630	1D/AE630	1C/AE630		DEMOUNTABLE PARTITION SLIDING DOOR	
	33	3' - 2" 3' - 2"	7' - 2" 7' - 2"	1 3/4" 1 3/4"	G1 G1	ALUM ALUM	HPC HPC	HW-4	9	ALUM ALUM	HPC HPC	1C/AE630 1C/AE630	1D/AE630 1D/AE630	1C/AE630 1C/AE630		DEMOUNTABLE PARTITION SLIDING DOOR DEMOUNTABLE PARTITION SLIDING DOOR	
	35	3 - 2	7' - 2"	1 3/4"	G1	ALUM	HPC	HW-4	9	ALUM	HPC	1C/AE630 1C/AE630	1D/AE630 1D/AE630	1C/AE630 1C/AE630		DEMOUNTABLE PARTITION SLIDING DOOR DEMOUNTABLE PARTITION SLIDING DOOR	
	37	3' - 0"	7' - 0"	1 3/4"	A	HM	PNT	HW-3	2	HM	PNT	1/AE602	6/AE602	11/AE602	60 MIN		
	38	3' - 0"	7' - 0"	1 3/4"	Α	НМ	PNT	HW-3	2	HM	PNT	1/AE602	6/AE602	11/AE602	60 MIN		
	01	3' - 0" 3' - 0"	7' - 0"	1 3/4"	A	HM	PNT	+	2	HM	PNT	1/AE602	6/AE602	11/AE602			
			7' - 0"	1 3/4"	A	HM	PNT	HW-3	2	HM	PNT	1/AE602 1/AE602	6/AE602 6/AE602	11/AE602 11/AE602			
	02	3' - 0"	7' - 0"	1 3/4"	Α	HM	PNT	HW-3	_	HM			ULTERNIZ	1 1// 1			
3			7' - 0" 7' - 0"	1 3/4" 1 3/4"	A	HM HM	PNT PNT	HW-3	2	HM	PNT	1/AE602	6/AE602	11/AE602	120 MIN		
30 E N	02	3' - 0"													120 MIN 60 MIN 60 MIN		

DOOR SCHEDULE - SOUTH ADDITION

DOOR SCHEDULE NOTES:

1. PROVIDE POWERED DOOR OPENER.

2. INSULATED DOOR(S). 3. PROVIDE (1) ONE PAIR OF ELECTRIC LATCH RETRACTORS FOR USE IN BUILDING SECURITY SYSTEM.

GENERAL NOTES:

SEE SHEET AE620 AND ASE621 FOR ALUMINUM CURTAIN WALL AND STOREFRONT FRAME TYPES AND DETAILS REFERENCE.

- SEE SHEETS G-108 THRU G-111 FOR COORDINATION OF FIRE RATING, SMOKE RATING, SELF-LATCHING, AND SELF-CLOSING REQUIREMENTS.
- 3. UNDERCUT INTERIOR DOORS 3/4" (MAX ALLOWED BY NFPA 80).
- 4. PROVIDE DOORS WITH CONSTRUCTION CORES.
- 5. SEE SHEET AE602 FOR DOOR TYPES.
- 6. SEE SHEET AE630 FOR DEMOUNTABLE PARTITION FRAME TYPES AND DETAILS.

DOOR SCHEDULE LEGEND:

ALUM = ALUMINUM NAT = NATURAL FINISH PNT = PAINT GALV = GALVANIZED

HM = HOLLOW METAL SS = STAINLESS STEEL HPC = HIGH PERFORMANCE COATING STN = STAIN MFR = MANUFACTURER STL = STEEL

REVISIONS

DEPARTMENT OF INLAND FISHERIES & WILDLIFE NEW OFFICE HEADQUARTERS

AUGUSTA, ME TITLE THIS DWG.

DOOR SCHEDULE

WD = WOOD

DRAWN BY: MJD 6 03/13/2025 ADDENDUM NO.6 3 02/27/2025 ADDENDUM NO.3 1 02/13/2025 ADDENDUM NO.1 NO. DATE DESCRIPTION

HMG CHECK BY: CET

3/13/2025 1:46:52 PM C:\Users\Heidi\Documents\22205.04-IF&W-ARCH_v22_hgardnerYBPQX.rvt

DATE 01/29/2025 231 Main Street, Biddeford, Maine 04005

OAK POINT ASSOCIATES A DRAWING NO. AE601

SHEET NO. PLANNING 207.283.0193 143 OF 239



GRAPHIC SCALES

CHECK GRAPHIC SCALES BEFORE USING

6 03/13/2025 ADDENDUM NO.6

02/13/2025 ADDENDUM NO.1

NO. DATE

02/27/2025 ADDENDUM NO.3

DESCRIPTION

REVISIONS

DRAWN BY: MJD

DATE 01/29/2025

HMG CHECK BY: CET

NEW OFFICE HEADQUARTERS

231 Main Street, Biddeford, Maine 04005

AUGUSTA, ME

DOOR FRAME TYPE AND DOOR DETAILS

OAK POINT DRAWING NO.
ASSOCIATES DA K DRAWING NO.
AE602

SHEET NO.

207.283.0193 144 of 239

DOOR SCHEDULE NOTES:

- 1. PROVIDE POWERED DOOR OPENER.
- 2. INSULATED DOOR(S).
- 3. PROVIDE (1) ONE PAIR OF ELECTRIC LATCH RETRACTORS FOR USE IN BUILDING SECURITY SYSTEM.

GENERAL NOTES:

- SEE SHEET AE620 AND ASE621 FOR ALUMINUM CURTAIN WALL AND STOREFRONT FRAME TYPES AND DETAILS REFERENCE.
- 2. SEE SHEETS G-108 THRU G-111 FOR COORDINATION OF FIRE RATING, SMOKE RATING, SELF-LATCHING, AND SELF-CLOSING REQUIREMENTS.
- 3. UNDERCUT INTERIOR DOORS 3/4" (MAX ALLOWED BY NFPA 80).
- 4. PROVIDE DOORS WITH CONSTRUCTION CORES.
- 5. SEE SHEET AE602 FOR DOOR TYPES.

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6. SEE SHEET AE630 FOR DEMOUNTABLE PARTITION FRAME TYPES AND DETAILS.

DOOR SCHEDULE LEGEND:

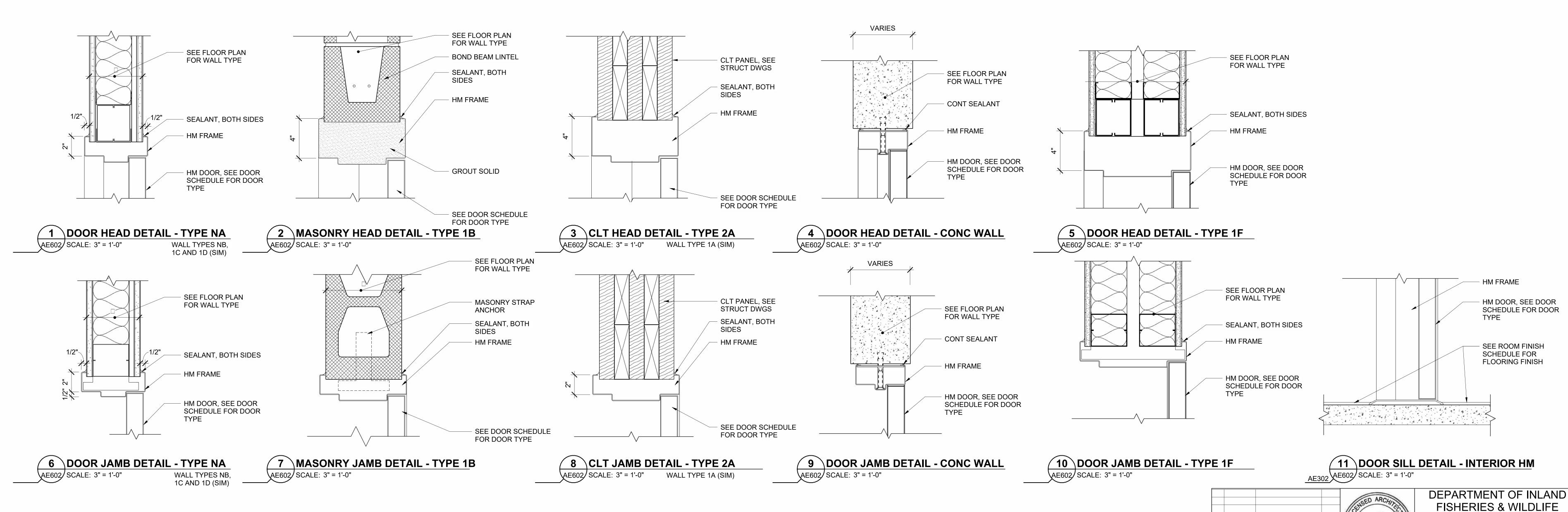
ALUM = ALUMINUM NAT = NATURAL FINISH WD = WOOD

GALV = GALVANIZED PNT = PAINT

HM = HOLLOW METAL SS = STAINLESS STEEL

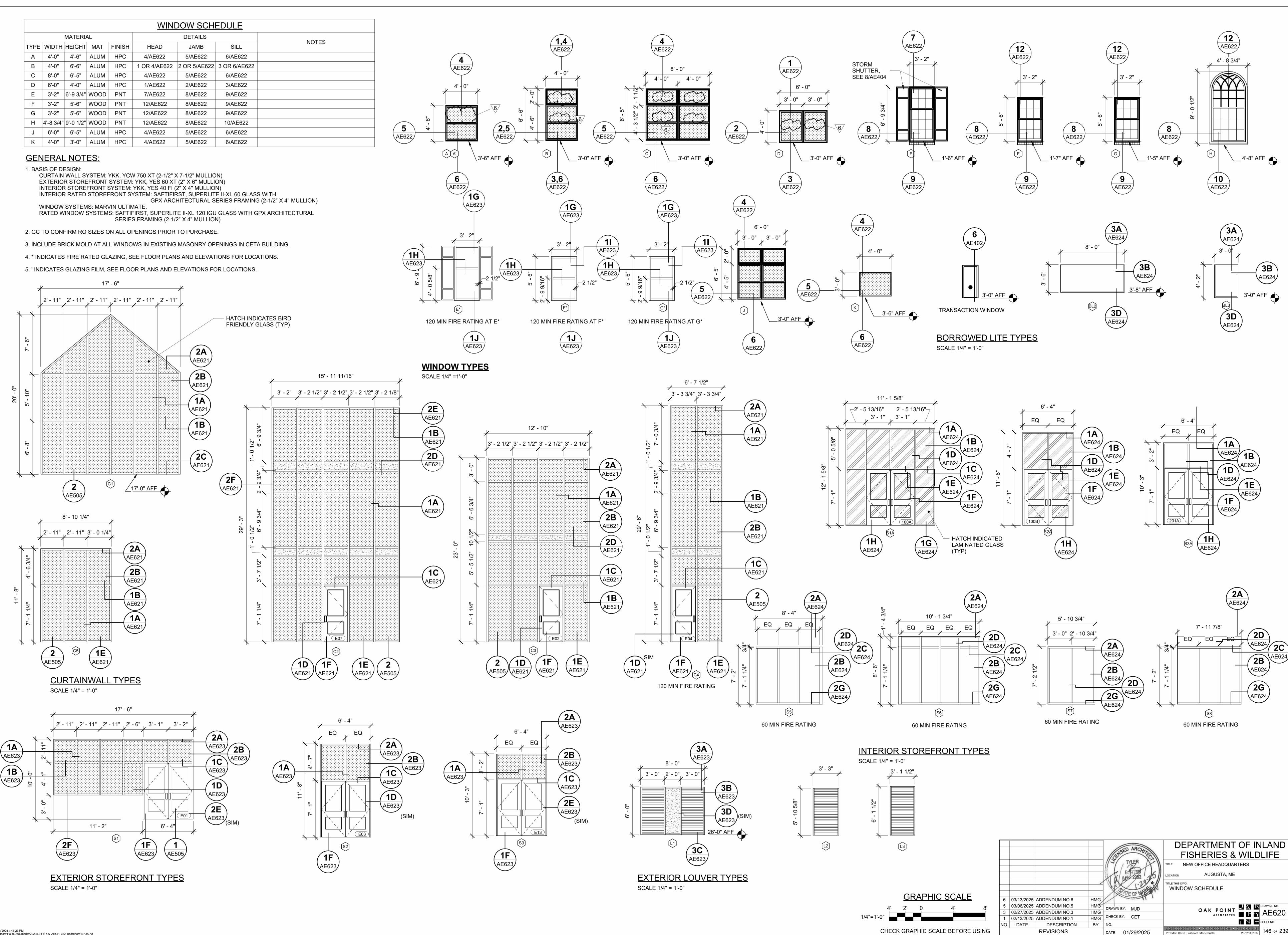
HPC = HIGH PERFORMANCE COATING STN = STAIN

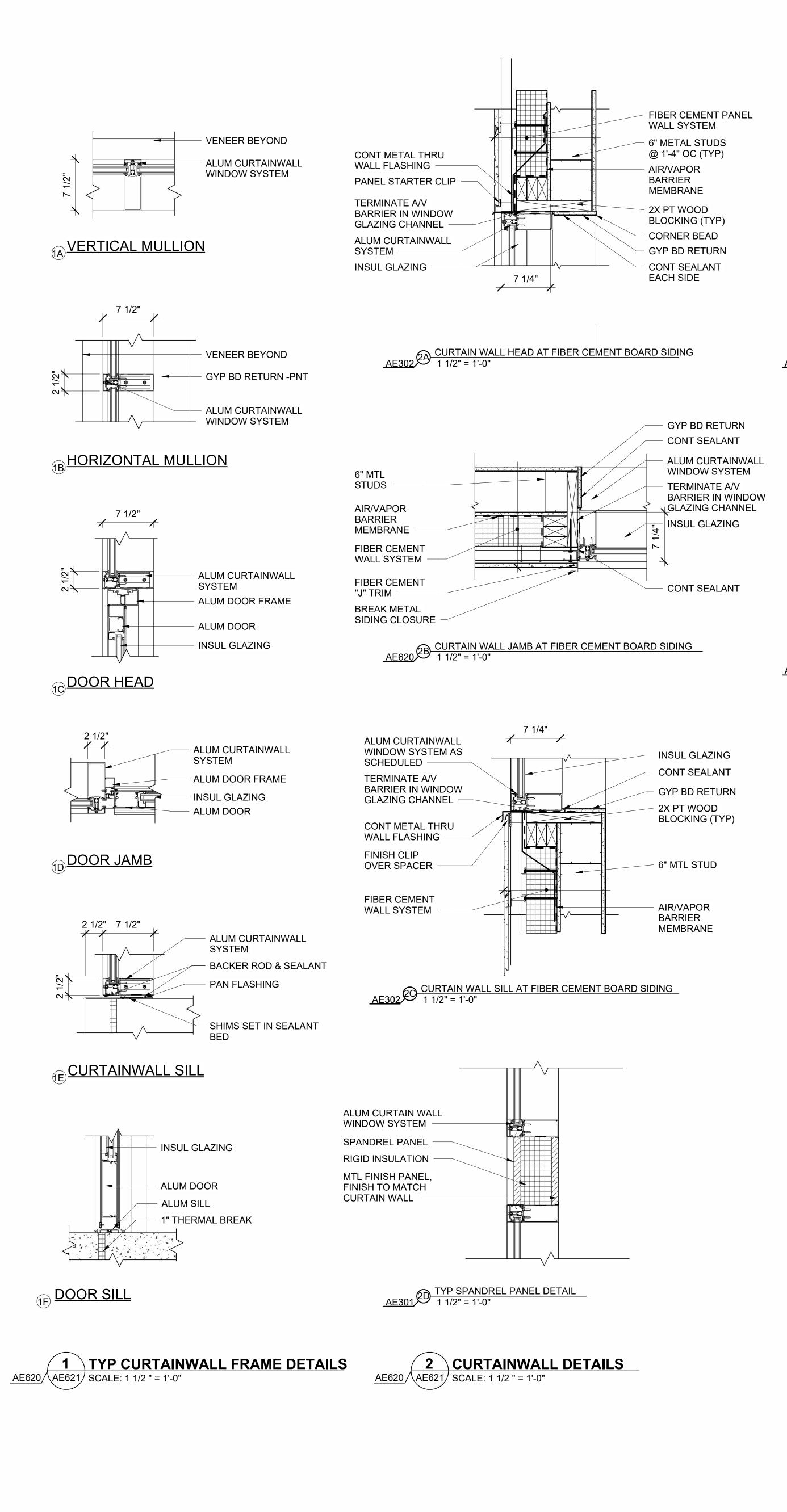
MFR = MANUFACTURER STL = STEEL

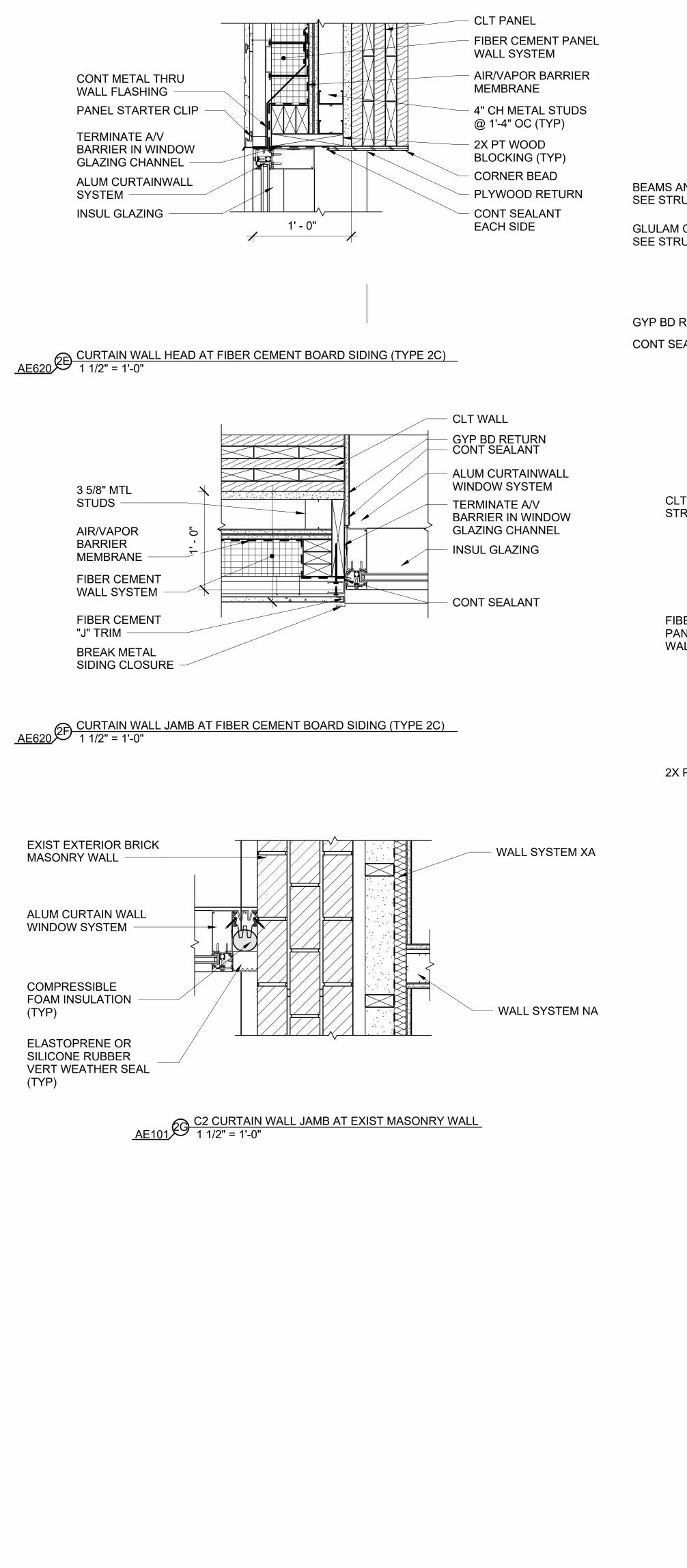


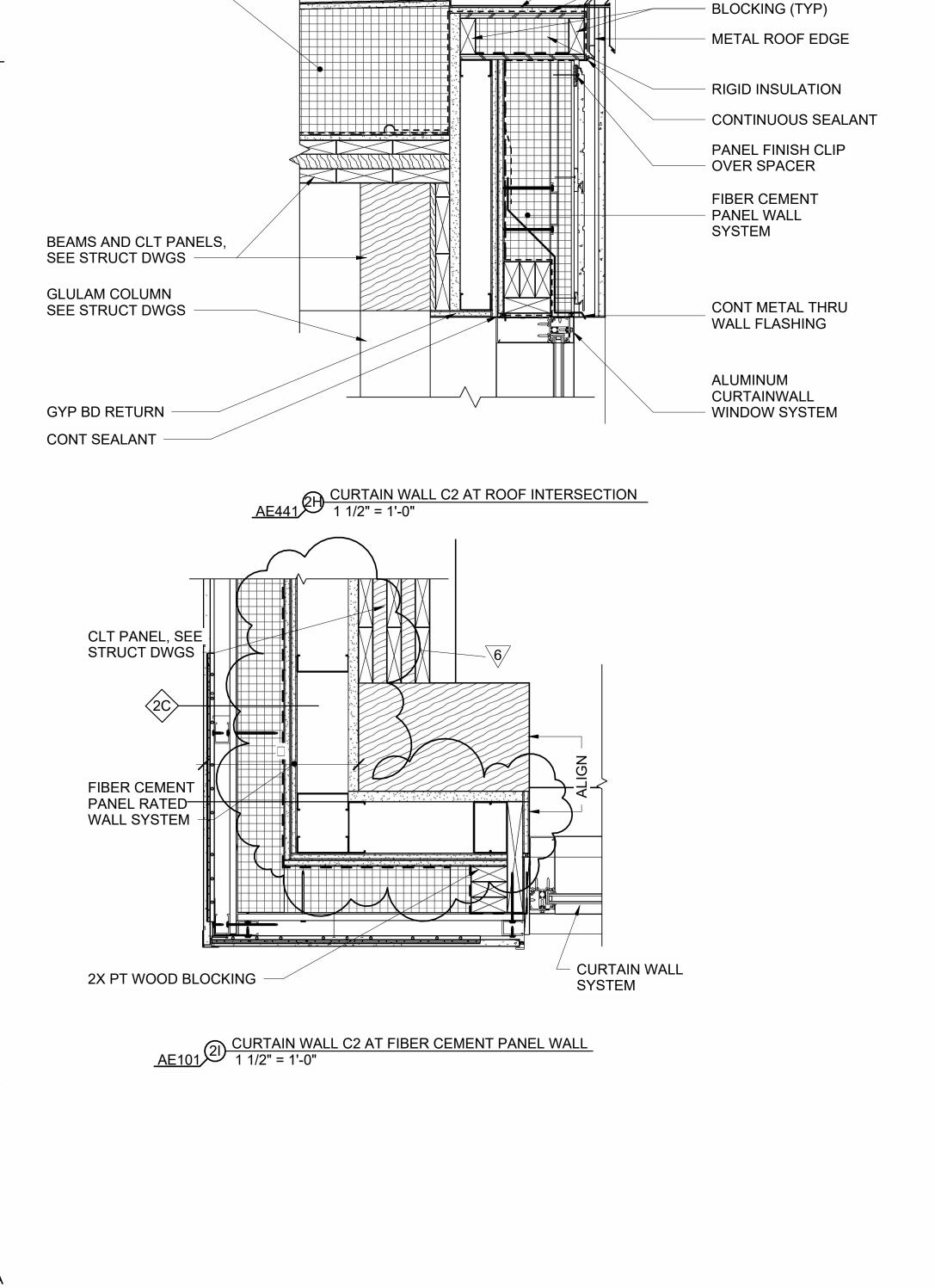
FRAME TYPES

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







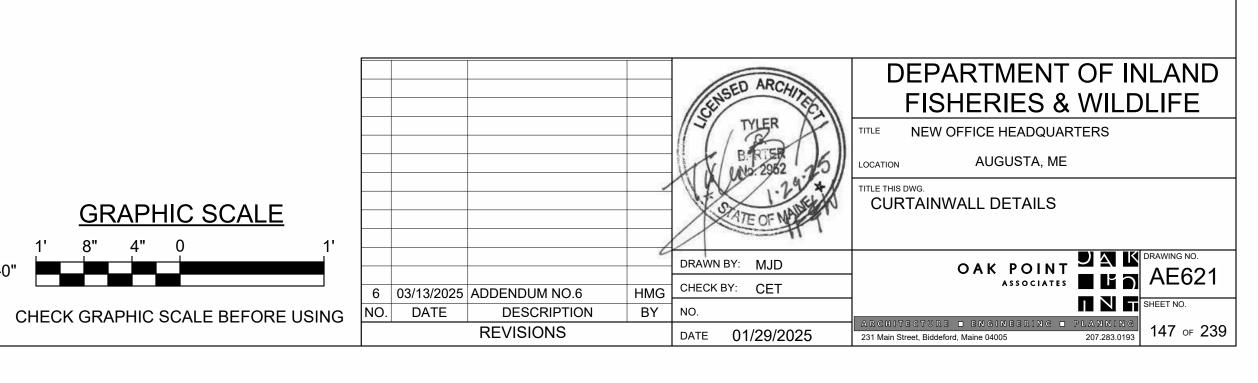


EPDM ROOF SYSTEM

COVERBOARD

EPDM FLASHING

2X WOOD



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