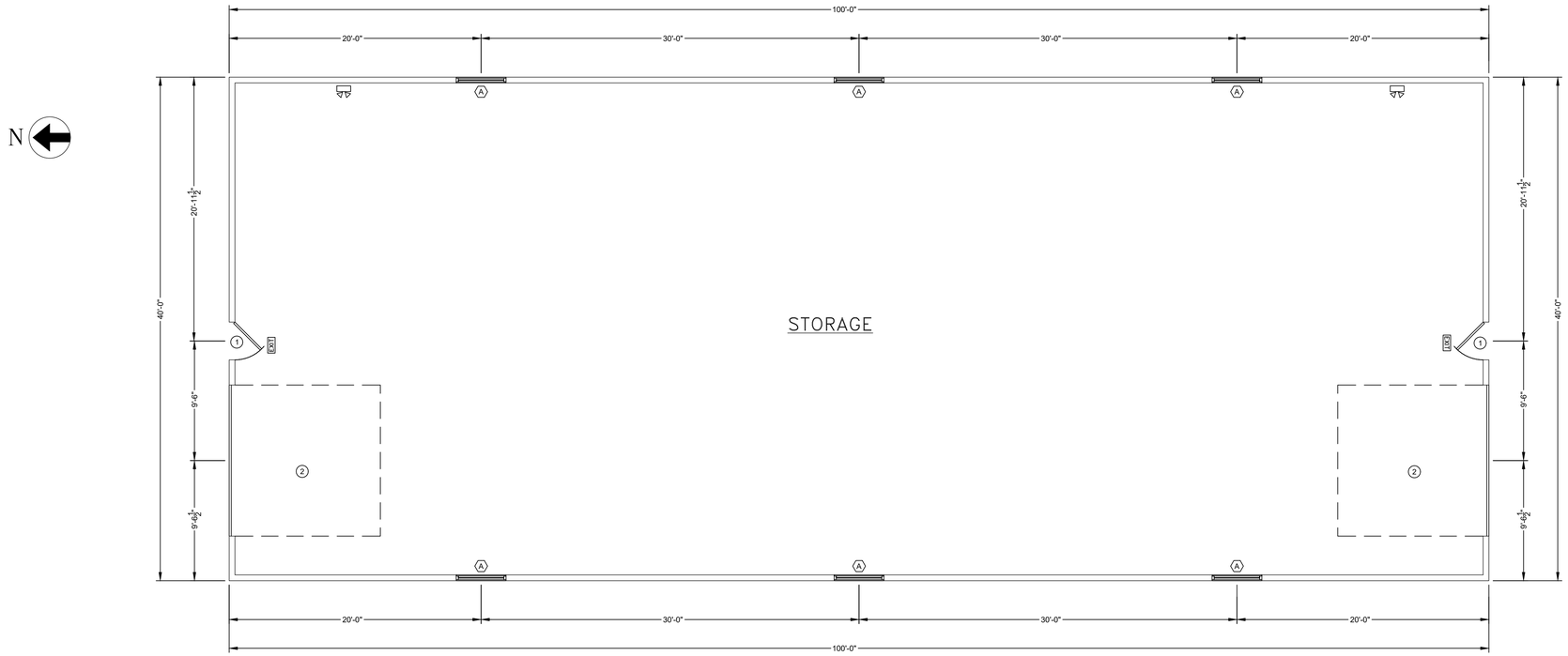
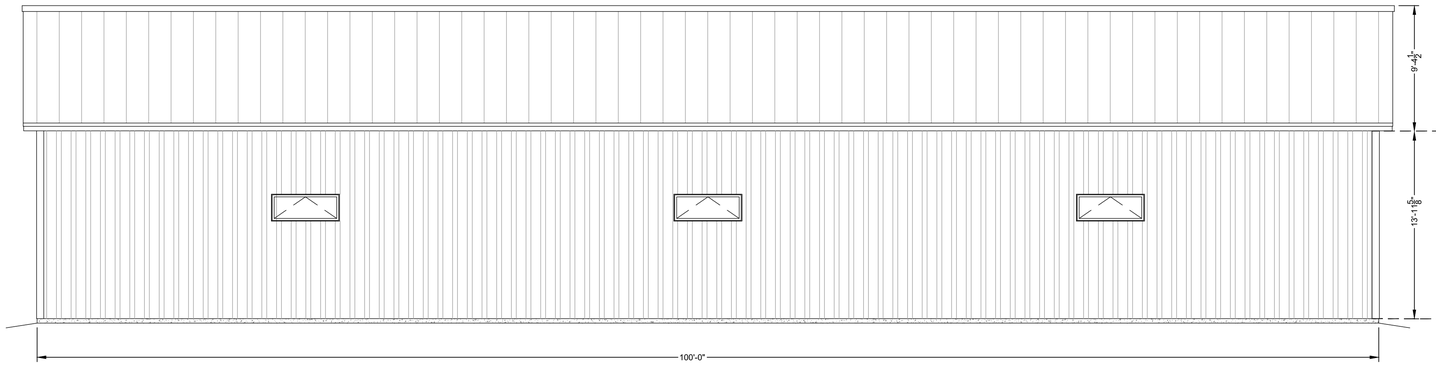


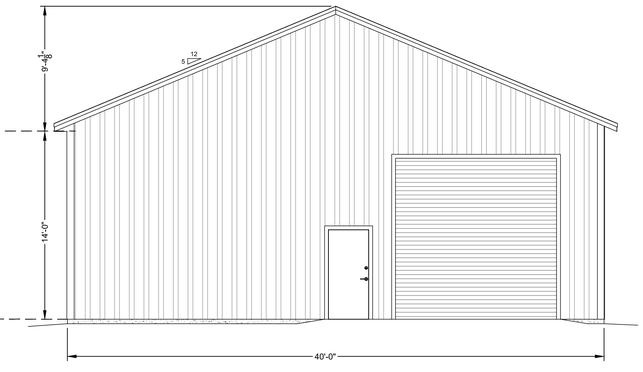
FIRST FLOOR PLAN
SCALE 3/16" = 1'-0"

WINDOW SCHEDULE					
NO.	QUANTITY	SIZE	TYPE	FRAME	REMARKS
(A)	6	5'-0" x 2'-0"	AWNING	ALUMINUM	

DOOR SCHEDULE					
NO.	QUANTITY	SIZE	TYPE	FRAME	REMARKS
(1)	2	3'-0" x 6'-8"	METAL INSULATED	METAL	HINGES, LEVER HARDWARE, THRESHOLD, CLOSER,DEAD BOLT ENTRY LOCKSET
(2)	2	12'-0" x 12'-0"	OVERHEAD	NA	TRACK, AUTOMATIC OPENER



EAST ELEVATION
SCALE 3/16" = 1'-0"



NORTH ELEVATION
SCALE 3/16" = 1'-0"

ISSUED FOR BID

AEHodsdon
CONSULTING ENGINEERS
10 Common Street Waterville, Maine 04901
(207) 873-5164
(207) 872-0645

REV.	APP'D	DATE	STATUS
0	AEH	04-01-2021	ISSUED FOR REVIEW
1	AEH	05-13-2021	UPDATED DOOR SCHEDULE & FOUNDATION DETAILS
2	BEM	08-19-2022	ISSUED FOR BID

STATE OF MAINE
BENJAMIN E. MURRAY
NO. 10128
LICENSED PROFESSIONAL ENGINEER
PRELIMINARY, NOT FOR CONSTRUCTION, BIDDING, PERMITTING AND RECORDING PURPOSES

FLOOR/ELEVATION PLAN

OF:

ENFIELD STORAGE BARN

COBB ROAD
ENFIELD, MAINE

FOR:

MAINE DEPT OF INLAND FISHERIES & WILDLIFE

41 STATE HOUSE STATION
AUGUSTA, MAINE

DRAWN	CHECKED
MG	AEH
SCALE	DATE
AS NOTED	04-01-2021

A1.0

PROJECT#:59-21

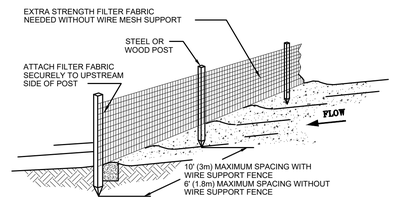
NORTH

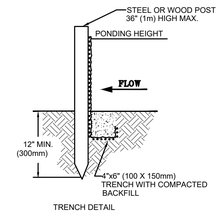
0 20' 40'

SCALE: 1" = 20'-0"

General Site Notes

1. EXISTING UTILITIES: EXISTING UTILITIES HAVE BEEN IDENTIFIED FROM FIELD SURVEYS AND EXISTING RECORDS. THE ENGINEER AND OWNER MAKE NO GUARANTEE OF THE ACCURACY OF THE LOCATIONS AS SHOWN ON THE PLANS. IN ADDITION, UTILITIES THAT EXIST MAY NOT BE SHOWN ON THE PLANS. INDIVIDUAL WATER OR SEWER SERVICES ARE GENERALLY NOT SHOWN ON THE PLANS. THE CONTRACTOR IS RESPONSIBLE FOR THE INTEGRITY OF ALL EXISTING UTILITIES INCLUDING INDIVIDUAL SERVICES WHETHER OR NOT THEY ARE SHOWN CORRECTLY OR SHOWN AT ALL ON THE PLANS. CONTRACTOR IS RESPONSIBLE FOR FOLLOWING ALL DIG-SAFE PROCEDURES AND CONTACTING NON DIG-SAFE UTILITIES TO MARK THEIR UNDERGROUND UTILITIES BEFORE CONSTRUCTION BEGINS. REPAIR OF DAMAGED UTILITIES SHALL BE AT THE CONTRACTOR'S EXPENSE. NO DAMAGED UTILITIES SHALL BE BACKFILLED UNTIL THE OWNER'S REPRESENTATIVE INSPECTS AND APPROVES THE REPAIR.
2. NO TRENCH SHALL BE LEFT OPEN OVERNIGHT. IF TRENCH IS NOT BACKFILLED, SECURE WITH CONCRETE BARRIERS AND STEEL PLATE OVER TRENCH.
3. CONTRACTOR SHALL COORDINATE WITH ELECTRICAL UTILITY FOR HOLDING UTILITY POLES AS NEEDED. COST FOR THIS WORK WILL BE PAID BY THE CONTRACTOR.
4. CONTRACTOR SHALL PROTECT AND AVOID DISTURBING, PROPERTY PINS AND MONUMENTS. IF DISTURBED, THE PROPERTY PINE OR MONUMENT SHALL BE RESET AT CONTRACTOR'S EXPENSE BY A REGISTERED LAND SURVEYOR APPROVED BY THE ENGINEER.
5. CONTRACTOR IS RESPONSIBLE FOR THE LAYOUT OF ALL PROPOSED WORK. ENGINEER WILL ASSIST ONLY IN PROVIDING REFERENCE POINTS AND ELEVATION DATA FOR INITIAL LAYOUT ONLY. CONTRACTOR SHALL MAINTAIN LAYOUT THROUGHOUT PROJECT.
6. CONTRACTOR SHALL INSTALL AND MAINTAIN APPROPRIATE EROSION AND SEDIMENT CONTROL MEASURES DURING CONSTRUCTION IN ACCORDANCE WITH ACCEPTED PRACTICE, APPLICABLE LAWS AND REGULATIONS AND REQUIREMENTS OF THESE CONTRACT DOCUMENTS.
7. CONTRACTOR SHALL CONTROL DUST GENERATED DURING THE PROJECT TO A LEVEL SATISFACTORY TO THE OWNER AND ENGINEER.
8. IMMEDIATELY REPAIR ANY EXISTING UTILITIES DAMAGE DURING CONSTRUCTION.
9. LOAM AND SEED ALL DISTURBED GRASSED AREAS WITH 4" LOAM, SEED AND MULCH WITHIN 5 DAYS OF REACHING FINAL GRADE.
10. ALL AREAS DISTURBED BY CONTRACTOR'S OPERATIONS SHALL BE RESTORED TO THEIR ORIGINAL CONDITION UNLESS OTHERWISE NOTED. COST OF RESTORATION IS INCIDENTAL TO CONTRACT OUTSIDE OF PAY LIMITS.
11. CONTRACTOR SHALL HAVE THE SOLE RESPONSIBILITY OF ENSURE THAT ALL WORK MEETS ALL OSHA AND OTHER APPLICABLE CODE, HEALTH AND SAFETY REQUIREMENTS.



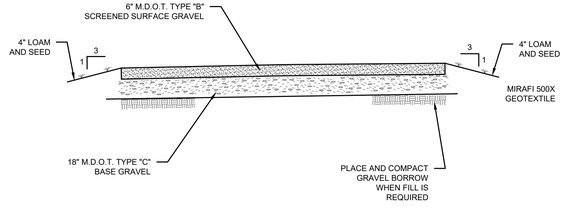


TRENCH DETAIL

NOTES:
1. SILT FENCE SHALL BE PLACED ON SLOPE CONTOURS TO MAXIMIZE PONDING EFFICIENCY. SILT FENCE MUST BE INSTALLED WITH THE ENDS TURNED UP SLOPE.
2. INSPECT AND REPAIR FENCE AFTER EACH STORM EVENT AND REMOVE SEDIMENT WHEN NECESSARY. 9" (225mm) MAXIMUM RECOMMENDED STORAGE HEIGHT.
3. REMOVED SEDIMENT SHALL BE DEPOSITED TO AN AREA THAT WILL NOT CONTRIBUTE SEDIMENT OFF-SITE AND CAN BE PERMANENTLY STABILIZED.

SILT FENCE

Not To Scale



TYPICAL GRAVEL PARKING LOT

Not To Scale

ISSUED FOR BID

AEHodsdon
CONSULTING ENGINEERS
10 Common Street Waterville, Maine 04901
(207) 873-5164
(207) 872-0645

REV.	APP'D	DATE	STATUS
1	BEM	08-19-2022	ISSUED FOR BID

STATE OF MAINE
BENJAMIN E. MURRAY
NO. 10128
LICENSED PROFESSIONAL ENGINEER

PRELIMINARY NOT FOR CONSTRUCTION, BIDDING OR RECORDING PURPOSES

SITE PLAN

OF:

STORAGE BARN

COBB HATCHERY ROAD
ENFIELD, MAINE

FOR:

MAINE DEPT OF INLAND FISHERIES & WILDLIFE

41 STATE HOUSE STATION
AUGUSTA, MAINE

DRAWN	CHECKED
PLS	BEM
SCALE	DATE
AS NOTED	04-20-2021

C0.1

PROJECT#: 59-21

GENERAL NOTES:

PART 1 GENERAL

1.01 GENERAL

A. NO PROVISIONS HAVE BEEN MADE FOR ANY TEMPORARY CONDITIONS THAT MAY ARISE DURING CONSTRUCTION PRIOR TO THE COMPLETION OF THE STRUCTURE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADEQUATE DESIGN AND CONSTRUCTION OF ALL FORMS, SHORING AND TEMPORARY BRACING DURING THE PROGRESS OF THE PROJECT.

B. PRINCIPAL OPENINGS THROUGH THE FOUNDATION ARE NOT SHOWN ON THESE DRAWINGS. THE GENERAL CONTRACTOR SHALL EXAMINE THE DRAWINGS TO DETERMINE THE REQUIRED OPENINGS, AS HE SHALL PROVIDE FOR ALL OPENINGS AND SHALL VERIFY SIZE AND LOCATION OF ALL OPENINGS WITH OTHER PROJECT REQUIREMENTS. ANY DEVIATION FROM THE OPENINGS SHOWN ON THE STRUCTURAL DRAWINGS SHALL BE BROUGHT TO THE ENGINEER'S ATTENTION FOR APPROVAL.

C. ALTERNATE CONNECTION DETAILS MAY BE USED IF SUCH DETAILS ARE SUBMITTED TO THE STRUCTURAL ENGINEER FOR REVIEW AND ACCEPTANCE IS GRANTED. HOWEVER, THE STRUCTURAL ENGINEER SHALL BE THE SOLE JUDGE OF ACCEPTABILITY AND THE CONTRACTOR'S BID SHALL ANTICIPATE THE USE OF THOSE SPECIFIC DETAILS SHOWN ON THE DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN OF ANY ALTERNATE DETAILS, WHICH HE PROPOSES.

D. WORK NOT INDICATED ON A PART OF THE DRAWINGS, BUT REASONABLY IMPLIED TO BE SIMILAR TO THAT SHOWN AT CORRESPONDING PLACES SHALL BE INCLUDED.

E. THE CONTRACTOR SHALL BE COMPLETELY RESPONSIBLE FOR THE SAFETY OF ADJACENT STRUCTURES, PROPERTY, AND THE PUBLIC. THE CONTRACTOR SHALL COMPLY WITH ALL FEDERAL, STATE, AND LOCAL REQUIREMENTS.

F. ANY MODIFICATION OR ALTERATION OF THESE CONSTRUCTION DOCUMENTS OR CHANGES IN CONSTRUCTION FROM THE INTENT OF THESE DOCUMENTS BY THE CONTRACTOR WITHOUT WRITTEN APPROVAL OF THE ENGINEER SHALL REMOVE ALL PROFESSIONAL AND LIABLE RESPONSIBILITY ON THE PART OF THE ENGINEER.

G. ALL CONTRACTORS ARE REQUIRED TO EXAMINE THE DRAWINGS AND SPECIFICATIONS CAREFULLY, VISIT THE SITE AND FULLY INFORM THEMSELVES AS TO ALL EXISTING CONDITIONS AND LIMITATIONS, PRIOR TO SUBMITTING THE PROPOSAL. FAILURE TO VISIT THE SITE AND FAMILIARIZE THEMSELVES WITH THE EXISTING CONDITIONS AND LIMITATIONS WILL IN NO WAY RELIEVE THE SUCCESSFUL BIDDER FROM FURNISHING ANY MATERIALS OR PERFORMING ANY WORK IN ACCORDANCE WITH DRAWINGS AND SPECIFICATIONS WITHOUT ADDITIONAL COST TO THE OWNER.

H. DO NOT SCALE FROM DRAWINGS.

I. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

J. CONTRACTOR TO VERIFY BUILDING DRAWING DIMENSIONS WITH MANUFACTURER BUILDING DRAWING DIMENSIONS AND/OR ARCHITECTURAL DRAWINGS.

K. INTERIOR FLOOR DRAIN LOCATIONS AND OUTFALL TO BE DETERMINED BY OTHERS.

WOOD TRUSS NOTES

PART 1 – GENERAL

1.01 STANDARD SPECIFICATION

A. THE LATEST ADDITION OF WTCA SHALL APPLY.

B. TRUSS MANUFACTURER TO DESIGN LATERAL LONGITUDINAL BRACING. FINAL TRUSS PLANS TO BE STAMPED BY MANUFACTURERS ENGINEER.

C. TRUSSES TO BE DESIGNED BASED ON DESIGN LOADING.

1.02 DESIGN CODES

A. NATIONAL DESIGN SPECIFICATIONS FOR WOOD CONSTRUCTION BE THE NATIONAL FOREST PRODUCTS ASSOCIATION.

B. DESIGN SPECIFICATIONS FOR LIGHT METAL PLATE CONNECTED WOOD TRUSSES (TPI-85)

C. TRUSS MEMBERS NO. 2 OR BETTER, 15% MAXIMUM MOISTURE CONTENT.

PART 2 – PRODUCTS

2.01 MATERIAL

A. ALL METAL TIMBER CONNECTORS SHALL BE HOT-DIPPED GALVANIZED.

B. ALL BOLTS, NUTS, AND WASHERS ARE TO BE ASTM A307, HOT-DIPPED GALVANIZED.

C. ALL NAILS ARE COMMON WIRE, EXCEPT FOR PLYWOOD SHEATHING (BARBED), GALVANIZED FOR EXPOSED FRAMING. STAINLESS STEEL NAILS REQUIRED FOR SIDING AND TRIM.

PART 3 – ERECTION

3.01 PRODUCT STORAGE:

A. STORE TRUSSES AT THE PROJECT SITE ABOVE GROUND ON PLATFORMS, SKIDS, OR OTHER SUPPORTS.

B. PROTECT FROM CORROSION.

3.02 FABRICATION:

A. FABRICATE TRUSSES IN ACCORDANCE WITH THE REQUIREMENTS OF THE DRAWINGS.

3.03 ERECTION:

A. THE TRUSSES SHALL BE ERECTED PLUMB AND TRUE TO THE LINES AND ELEVATIONS INDICATED ON THE DRAWINGS.

C. TEMPORARY CONNECTIONS SHALL BE ADEQUATE TO SAFELY SUPPORT ALL DEAD LOAD AND ERECTION IMPOSED STRESSES.

D. TEMPORARY BRACING SHALL BE PROVIDED, WHEREVER NECESSARY TO HOLD THE TRUSSES IN A HORIZONTAL AND VERTICAL PLANE UNTIL PERMANENT ATTACHMENT AND BRACING HAS BEEN COMPLETED.

E. INSTALL PERMANENT BRACING PER MANUFACTURES DRAWINGS.

F. TRUSS PERMANENT BRACING: COMPLY WITH "COMMENTARY AND RECOMMENDATIONS –HANDLING, INSTALLING AND BRACING METAL PLATE CONNECTED WOOD TRUSSES" (HIB-91). TRUSSES ARE NOT STABLE AND REQUIRED TEMPORARY SUPPORT UNTIL TOP CHORD PLYWOOD AND PERMANENT BRACING ARE INSTALLED.

G. TRUSS PERMANENT BRACING: INSTALL PERMANENT BRACING IN ACCORDANCE WITH BCSI 2008, MAY EDITION, "GUIDE TO GOOD PRACTICE FOR HANDLING, INSTALLING, RESTRAINING AND BRACING OF METAL PLATE CONNECTED WOOD TRUSSES" AND AS FOLLOWS:

1. PERMANENT BRACING REQUIRED BY TRUSS DESIGN & SPECIFIED BY BCSI: PROVED 2x4 CONTINUOUS LATERAL BRACING AND DIAGONAL BRACING AT ALL CONTINUOUS LATERAL BRACE LOCATIONS REQUIRED BY THE TRUSS FABRICATOR. PROVIDE DIAGONAL BRACING AS SHOWN IN DIAGRAMS INCLUDED IN BCSI-B3 AT EACH END OF EACH WING OF THE BUILDING AND AT INTERVALS NOT TO EXCEED 20 FEET.
2. PERMANENT BOTTOM CHORD BRACING. PROVIDE 2x4 CONTINUOUS LATERAL BRACING AT 8-10 FOOT (MAXIMUM) INTERVALS (AT ALL PANEL POINTS) ALONG LENGTH OF TRUSS, PROVIDE DIAGONAL BRACING AS SHOWN IN DIAGRAMS INCLUDED IN BCSI-B3 AT EACH END OF EACH WING OF THE BUILDING AND AT INTERVALS NOT TO EXCEED 20 FEET.

H. PERMANENT WEB MEMBER BRACING: PROVIDE 2x4 CONTINUOUS LATERAL BRACING AT TOP AND BOTTOM OF TRUSSES AND DIAGONAL BRACING AT INTERIOR LINES OF SUPPORT AND AT 16 FOOT (MAXIMUM) INTERVALS ALONG THE LENGTH OF THE TRUSS AS SHOWN IN DIAGRAMS INCLUDED IN BCSI-B3. PROVIDE DIAGONAL BRACING AT EACH END OF WING OF THE BUILDING AND AT INTERVALS NOT TO EXCEED 20 FEET.

I. PERMANENT TOP CHORD BRACING IS NOT REQUIRED FOR FULLY SHEATHED ROOFS ONLY. ROOF SYSTEMS WITH PURLINS REQUIRE DIAGONAL BRACING AS INDICATED IN BCSI. ADEQUATE BRACING IN PROVIDED BY ROOF PLYWOOD.

J. PROVED CONSTRUCTION GRADE OR BETTER GRADE 2x4's, NO. 2 OR BETTER 2x6's FOR BRACING. CONNECT BRACING TO TRUSS WITH AT LEAST 2-16d NAILS. LAP SPLICE CONTINUOUS MEMBERS OVER AT LEAST 2 TRUSSES.

K. PERMANENT SYSTEM BRACING

1. PROVIDE PERMANENT BRACING SYSTEM AND TEMPORARY INSTALLATION BRACING SYSTEM, IN COMPLIANCE WITH DSB-89 AND TPI BCSI WHEN TABULATED SPACINGS AND LOCATIONS ARE PROVIDED. FOR ALL OTHER SYSTEMS PROVIDE A STAMPED ENGINEERS PLAN SHOWING ALL BRACING DESIGN REQUIREMENTS.
2. DESIGN BRACING FOR TRUSSES IN EXCESS OF 60' SPANS AND/OR TRUSSES THAT REQUIRED ENGINEERS DESIGN IN ACCORDANCE WITH DSB-89. SUBMIT BRACING DESIGN CALCULATIONS WITH SHOP DRAWING SUBMITTAL.

WOOD NOTES:

PART 1 – GENERAL

1.01 STANDARD SPECIFICATIONS

A. THE CURRENT AITC SPECIFICATION SHALL APPLY.

PART 2 – PRODUCTS

2.01 MATERIAL

A. ALL TIMBER IN CONTACT WITH MASONRY AND CONCRETE OR FRAMING LABELED "P.T." SHALL BE PRESSURE TREATED SOUTHERN PINE GRADE #1 WITH A MINIMUM Fb OF 1,350 PSI AND E OF 1,500 KSI OR BETTER.

B. CUT ENDS OF PRESSURE TREATED (P.T.) LUMBER AND TIMBER POSTS AND SILLS SHALL BE DIPPED IN A PRESERVATIVE TO COMPLY WITH AWPA M4.

C. ALL TYPICAL FRAMING TIMBER IS TO BE SPRUCE-PINE-FIR GRADE #2 WITH A MINIMUM Fb OF 750 PSI AND E OF 1,100 KSI OR BETTER.

D. ALL FRAMING TIMBER LABELED "LVL" SHALL BE BOISE CASCADE LAMINATED VENEER LUMBER WITH A Fb OF 2800 PSI AND E OF 2,000 KSI OR BETTER.

E. ALL FRAMING LABELED "BG" SHALL BE BOISE CASCADE "EASTERN ENGINEERED WOOD PRODUCTS" WITH DESIGN PROPERTIES EQUAL OR BETTER THEN THE SPECIFIED MODEL PROPERTIES.

F. ALL FRAMING LABELED "WP PSL" SHALL BE WOLMANIZED PARALLAM PSL SERVICE LEVEL 2 BY TRUSJOIST WITH A Fb OF 2088 PSI AND E OF 1740 KSI OR BETTER.

G. ALL METAL TIMBER CONNECTORS INDICATED ON THE DRAWINGS SHALL BE HOT-DIPPED GALVANIZED.

H. ALL BOLTS, NUTS, AND WASHERS ARE TO BE ASTM A307, HOT-DIPPED GALVANIZED.

I. ALL NAILS ARE COMMON WIRE, EXCEPT FOR PLYWOOD SHEATHING (BARBED), GALVANIZED FOR EXPOSED FRAMING. STAINLESS STEEL NAILS REQUIRED FOR SIDING AND TRIM.

J. REFERENCE TO "SIMPSON" ON DRAWINGS INDICATES METAL CONNECTORS MANUFACTURED BY SIMPSON STRONG-TIE.

K. FASTENERS: COMPLY WITH RECOMMENDED FASTENING SCHEDULE OF THE IBC 2015 BUILDING CODE, UNLESS SHOWN OTHERWISE ON THE DRAWINGS.

L. FASTENER REQUIREMENTS FOR ROOF AND FLOOR SHEATHING. PROVIDE 8d RINGSHANKG NAILS AS FOLLOWS, UNLESS SHOWN OTHERWISE: 6" O.C. ALONG ALL PANEL EDGES, 12" O.C. ALONG INTERMEDIATE MEMBERS.

M. FASTENER REQUIREMENTS FOR EXTERIOR WOOD SHEARWALLS. PROVIDE 8D RINGSHANKG NAILS AS FOLLOWS, UNLESS SHOWN OTHERWISE: 4" O.C. ALONG ALL PANEL EDGES, 12" O.C. ALONG INTERMEDIATE MEMBERS.

N. ALL NAILS TO SIMPSON PRODUCTS AND P.T. LUMBER TOT BE G90 HOT DIP GALVANIZED 0.162ø COMMON BOX NAILS, OR AS RECOMMENDED BY SIMPSON.

O. ALL SIMPSON PRODUCTS IN CONTACT WITH P.T. LUMBER TO BE "ZMAX" (G185 GALVANIZED) COATED

P. TRIPLE LVLS TO BE CONNECTED WITH (2) ROWS SIMPSON 1/4x4 1/2 SDS SCREWS 8" O.C. STAGGERED, EACH FACE

Q. QUAD LVLS TO BE CONNECTED WITH (2) ROWS 1/2"ø THROUGH BOLTS @ 8" O.C. STAGGERED, EACH FACE

PART 3 – EXECUTION

3.01 ERECTION

A. PROVIDE SAME SIZE SOLID BRIDGING/BLOCKING AT MID SPAN FOR ALL JOISTS.

B. FOR EXTERIOR WALLS PROVIDE:

1. 3-2x's AT CORNERS
2. DOUBLE PLATE WITH 4' MIN. SPLICE SEPARATION. ALL SPLICES SHALL OCCUR OVER STUDS.

C. AT LOCATIONS WHERE PORTIONS OF WOOD FLOOR OR ROOF DECK ARE ADDED OR REPLACED, THE FINISH FLOOR ELEVATION OF THE NEW WOOD DECK SHALL MATCH THE ADJACENT EXISTING WOOD DECK.

D. PLYWOOD FOR FLOORS AND ROOF SHALL BE INSTALLED WITH BOTH ADHESIVE AND 10D NAILS AT 6" O.C. AT SUPPORTED EDGES AND 12" O.C. ELSEWHERE.

E. FLOOR FRAMING AROUND CHASE OPENINGS FOR MECHANICAL DUCTS SHALL CONSIST OF THE FOLLOWING:

A. DOUBLE FLOOR-LENGTH JOISTS EACH SIDE OF OPENING WITH JOIST DEPTH SAME AS ADJACENT FLOOR FRAMING.
B. MEMBERS CONNECTED WITH SIMPSON DOUBLE JOIST HANGERS.

CONCRETE NOTES

PART 1 – GENERAL

1.01 GENERAL

A. ADHERE TO ACI COLD WEATHER CONCRETE SPECIFICATIONS, WHEN APPLICABLE.

B. ALL DIMENSIONS AND CONDITIONS MUST BE VERIFIED IN THE FIELD. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER BEFORE PROCEEDING WITH THE AFFECTED PART OF THE WORK

C. CONTRACTOR SHALL TAKE NECESSARY PRECAUTIONS TO MAINTAIN STABILITY AND PREVENT UNDERMINING OF EXISTING FOUNDATIONS AT ALL TIMES.

D. NO FOUNDATIONS SHALL BE PLACED IN WATER OR ON FROZEN GROUND.

E. ALL FOOTINGS ARE TO BE EXCAVATED USING A BUCKET WITH A SMOOTH TOOTHLESS CUTTING EDGE. FOOTING EXCAVATIONS ARE TO BE FINISHED BY HAND FOR NOT LESS THAN THE LAST SIX INCHES.

F. ALL FINISHED FOUNDATION EXCAVATIONS SHALL BE INSPECTED AND APPROVED BY THE STRUCTURAL ENGINEER OR HIS DESIGNATE BEFORE ANY CONCRETE IS PLACED.

G. THE OWNER, THE STRUCTURAL ENGINEER AND THEIR CONSULTANTS ASSUME NO RESPONSIBILITY FOR THE VALIDITY OF THE SUBSURFACE CONDITIONS DESCRIBED ON THE DRAWINGS, SPECIFICATIONS, TEST BORINGS OR TEST PITS.

H. DETAILING OF CONCRETE REINFORCEMENT AND ACCESSORIES SHALL BE IN ACCORDANCE WITH ACI 315 – "MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES," LATEST EDITION.

PART 2 – PRODUCTS

2.01 MATERIAL

A. REINFORCING:

1. SHALL BE GRADE 60, NEW DEFORMED BARS AND SHALL CONFORM TO ASTM A615. ALL REINFORCING BARS TO BE WELDED SHALL CONFORM TO ASTM A706.
2. REINFORCING BARS MAY NOT BE WELDED EXCEPT WHERE DESIGNATED BY THE STRUCTURAL ENGINEER.
3. ALL WELDED WIRE FABRIC (W.W.F.) SHALL CONFORM TO ASTM 185. W.W.F. SHALL BE PROVIDED IN FLAT SHEETS.
4. ALL LAPS IN W.W.F. SHALL BE ONE MESH PLUS TWO INCHES AT SPLICES. W.W.F. SHALL BE 6X6/W1.4XW1.4 (TYP., UNO)
5. CONCRETE PROTECTION FOR REINFORCEMENT SHALL BE PROVIDED AS FOLLOWS:
   A. SURFACES CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH – 3 INCHES (CLEAR)
   B. FORMED SURFACES EXPOSED TO EARTH OR WEATHER
      1. #6 THROUGH #18 BARS – 2 INCHES
      2. #5 BARS & SMALLER 1 ½ INCHES
   C. FORMED SURFACES NOT EXPOSED TO EARTH OR WEATHER SLABS, WALLS, JOISTS –2 INCHES
   D. BEAMS, COLUMNS – 2 INCHES
6. ALL HOOKS SHOWN ON DRAWINGS SHALL BE STANDARD HOOKS UNLESS NOTED OTHERWISE.
7. WHERE CONTINUOUS BARS ARE CALLED FOR, THEY SHALL RUN CONTINUOUSLY AROUND CORNERS AND LAPPED AT NECESSARY SPLICES, OR HOOKED AT DISCONTINUOUS ENDS. LAP LENGTHS SHALL BE AS GIVEN IN THE SPLICE AND DEVELOPMENT TABLE. LAP BEAM TOP BARS AT MID-SPAN AND BEAM BOTTOM BARS AT SUPPORTS, UNLESS NOTED OTHERWISE.

B. FOUNDATION WALLS & FOOTING MIX DESIGN:

1. 3000 PSI
2. 3/4" STONE
3. SLUMP 4" +/- 1"
4. 6 % AIR ENTRAINMENT
5. SEE DETAILS FOR REINFORCING

C. INTERIOR SLAB MIX DESIGN:

1. 4000 PSI
2. 1 1/2" STONE
3. SLUMP 5" +/- 1"
4. NO AIR
5. SEE DETAILS FOR REINFORCING
6. TROWEL FINISH

D. EXTERIOR SLAB MIX DESIGN:

1. 4000 PSI
2. 1 1/2" STONE
3. SLUMP 5" +/- 1"
4. 6 % AIR ENTRAINMENT
5. SEE DETAILS FOR REINFORCING
6. LIGHT BROOM FINISH

PART 3 – EARTHWORK

3.01 EARTHWORK

A. SITE WORK AND CONCRETE CONTRACTORS ARE REQUIRED TO REVIEW THE ONSITE SUBSURFACE SOIL CONDITIONS WITH THE OWNER AT THE START OF INITIAL CONSTRUCTION. SITE CONTRACTOR WILL NOTIFY ENGINEER AFTER EXCAVATION HAS STARTED AND PRIOR TO THE PLACEMENT OF ANY STRUCTURAL FOUNDATIONS.

B. REMOVE ALL TOPSOIL AND UNCONTROLLED FILL FOR THE AREAS RECEIVING BUILDING FOUNDATIONS.

C. BACK FILL TO THE NECESSARY SUBGRADES REQUIRED ON THE STRUCTURAL FOUNDATION PLANS WITH CONTROLLED STRUCTURAL FILL MATERIAL MEETING THE FOLLOWING GRADATION:

PERCENT PASSING	SCREEN OR SIEVE SIZE
6	100
3	90–100
NO. 4	35–70
NO. 40	5–35
NO. 200	0–5

D. PLACE CONTROLLED STRUCTURAL FILL IN UNIFORM LIFTS AND COMPACT TO A MINIMUM DENSITY IN ACCORDANCE WITH ASTM D1557 "MODIFIED PROCTOR DENSITY".

E. PROVIDE SITE GRADING AROUND THE PERIMETER OF THE BUILDING TO PROVIDE POSITIVE DRAINAGE AWAY FROM THE FOUNDATION DURING AND AFTER CONSTRUCTION.

F. MAINTAIN THE INTEGRITY OF NATURAL SOLIDS AND CONTROLLED STRUCTURAL FILLS DURING CONSTRUCTION. PROTECT FOOTING AND STRUCTURE SUBGRADES AGAINST FREEZING AND EXCESSIVE WETTING. REMOVE AND REFILL FROZEN SUBGRADES, MOISTURE CONDITION, OR REPLACE EXCESSIVELY WET SUBGRADE MATERIALS.

G. NOTIFY ENGINEER TO OBSERVE SUBGRADES PRIOR TO PLACING FOOTINGS. FOOTINGS ARE DESIGNED FOR A MIN. SOIL BEARING CAPACITY OF 2500PSF, OR FOR BEARING ON SOUND LEDGE.

H. CONTRACTOR SHALL IMMEDIATELY NOTIFY ENGINEER IF LEDGE IS ENCOUNTERED TO DETERMINE PINNING REQUIREMENTS.

I. ALL FOOTINGS SHALL EXTEND A MINIMUM OF 4'-6" BELOW EXTERIOR FINISHED GRADE, OR BE DOWELED TO LEDGE.

J. PROOF ROLL SUBGRADE PRIOR TO SLAB CONSTRUCTION. PROVIDE STRUCTURAL FILL MEETING THE GRADATION SPECIFIED HEREIN FOR FILL MATERIALS BELOW THE SLAB, MAXIMUM PERCENT PASSING 200 SIEVE = 7%

K. COMPACT CONTROLLED STRUCTURAL FILLS IN ACCORDANCE WITH THE FOLLOWING SCHEDULE AND ASTM D1557. USE ONLY HAND-OPERATED EQUIPMENT ADJACENT TO WALLS. FILL BOTH SIDES OF WALLS TO EQUAL ELEVATIONS BEFORE COMPACTING.

DEGREE OF COMPACTION: COMPACT TO THE FOLLOWING MINIMUM DENSITIES:

FILL AND BACK FILL LOCATION	DENSITY
UNDER STRUCTURE FOUNDATIONS	95% OF MAX
TOP 2 FEET UNDER PAVEMENT	95%
TRENCHES THROUGH UNPAVED AREAS	90%
EMBANKMENTS	90%
PIPE BEDDING	92%
BESIDE STRUCTURE FOUNDATION WALLS, TANK WALLS AND RETAINING WALLS	90%
UNDER DRAIN FILTER SAND	92%

MAXIMUM DENSITY: ASTMD 1557, MODIFIED.

FIELD DENSITY TESTS: ASTMD 1556 (SAND CONE), ASTMD2167 (RUBBER BALLOON), OR ASTMD2922 (NUCLEAR METHODS).

L. CONTRACTOR IS REQUIRED TO CONFORM TO OSHA (29 PART 1926.650–652) SUBPART P "CONSTRUCTION STANDARD FOR EXCAVATIONS".

K. COMPACT CONTROLLED STRUCTURAL FILLS IN ACCORDANCE WITH THE FOLLOWING SCHEDULE AND ASTM D1557. USE ONLY HAND-OPERATED EQUIPMENT ADJACENT TO WALLS. FILL BOTH SIDES OF WALLS TO EQUAL ELEVATIONS BEFORE COMPACTING.

DEGREE OF COMPACTION: COMPACT TO THE FOLLOWING MINIMUM DENSITIES:

FILL AND BACK FILL LOCATION	DENSITY
UNDER STRUCTURE FOUNDATIONS	95% OF MAX
TOP 2 FEET UNDER PAVEMENT	95%
TRENCHES THROUGH UNPAVED AREAS	90%
EMBANKMENTS	90%
PIPE BEDDING	92%
BESIDE STRUCTURE FOUNDATION WALLS, TANK WALLS AND RETAINING WALLS	90%
UNDER DRAIN FILTER SAND	92%

MAXIMUM DENSITY: ASTMD 1557, MODIFIED.

FIELD DENSITY TESTS: ASTMD 1556 (SAND CONE), ASTMD2167 (RUBBER BALLOON), OR ASTMD2922 (NUCLEAR METHODS).

L. CONTRACTOR IS REQUIRED TO CONFORM TO OSHA (29 PART 1926.650–652) SUBPART P "CONSTRUCTION STANDARD FOR EXCAVATIONS".

PART 4 – EXECUTION

4.01 SUBGRADE

A. ALL GRADING SHALL BE ACHIEVED AT SUBGRADE TO PROVIDE A CONSTANT THICKNESS OF CONCRETE.

B. STRUCTURAL FILL SHALL BE COMPACTED IN 6" LIFTS TO 95% OF ITS MAXIMUM DRY DENSITY IN ACCORDANCE WITH ASTM D1557.

C. SUBGRADE TO CONSIST OF AT LEAST 12" OF COMPACTED SAND OR GRAVEL. THIS MATERIAL SHALL BE"

SCREEN OR SIEVE SIZE	PERCENT FINER BY WEIGHT
4"	100%
½"	35% – 75%
¼"	25% – 60%
NO. 40	0–25%
NO. 200	0–5%

D. DRAINAGE STONE SHALL CONSIST OF CLEAN ANGULAR FRAGMENTS OF QUARRIED ROCK WITH UNIFORM QUALITY AND BE GRADED AS FOLLOWS:

SCREEN OR SIEVE SIZE	PERCENT FINER BY WEIGHT
2 ½"	100%
2"	95% – 100%
1"	0 – 30%
½"	0 – 5%

4.02 PLACEMENT

A. CONCRETE SLAB ON GRADE SHALL BE PLACED IN ONE CONTINUOUS PLACEMENT, WITH NO COLD JOINTS. IF COLD JOINTS ARE DESIRED, CONTRACTOR MUST PROVIDE PLACEMENT SEQUENCE AND JOINT DETAIL FOR ENGINEERS APPROVAL, PRIOR TO PLACEMENT.

B. APPLY CONCRETE SEALER, IF SPECIFIED AFTER THE SLAB HAS CURED FOR 30 DAYS.

C. VAPOR BARRIERS WILL BE USED UNDER SLAB TO PREVENT MOISTURE MIGRATION INTO THE SLAB, AND TO PROVIDE A BARRIER TO RADON PENETRATION.

D. VAPOR BARRIER:

1. 15 MIL POLYETHYLENE
2. PERMEANCE LESS THAN 0.3 PERMS DETERMINED IN ACCORDANCE WITH ASTM E 96.
3. BARRIER SHOULD NOT BE PUNCTURED DURING CONSTRUCTION ACTIVITIES.
4. EDGES SHOULD BE LAPPED A MINIMUM OF 6", TAPPED, AND SHOULD BE CAREFULLY FITTED AROUND OPENINGS.

E. ALL CONCRETE EXPOSED TO THE WEATHER SHALL CONTAIN 5% – 7% AIR ENTRAINMENT ADMIXTURE.

F. ALL FOOTINGS SHALL BE PLACED MONOLITHICALLY.

G. PIPES OR CONDUITS PLACED IN SLABS ON GRADE SHALL NOT BE PLACED CLOSER THAN 3 DIAMETERS ON CENTER AND SHALL HAVE AN OUTSIDE DIAMETER LESS THAN 1/3 OF THE SLAB THICKNESS. ALUMINUM COMPONENTS SHALL NOT BE PLACED IN CONCRETE. NO CONDUITS SHALL BE PLACED IN SLABS ON METAL DECK.

H. AT LOCATIONS WHERE ANY PART OF FOOTING BEARS DIRECTLY ON LEDGE, SUFFICIENT LEDGE SHALL BE REMOVED TO PROVIDE A LEVEL-BEARING SURFACE IN ALL DIRECTIONS. THOROUGHLY CLEAN LEDGE SURFACE PRIOR TO PLACING CONCRETE.

I. WHERE FOUNDATION ELEMENTS ARE TO HAVE FILL ON BOTH SIDES, EACH SIDE SHALL BE FILLED SIMULTANEOUSLY, MAINTAINING A COMMON ELEVATION.

J. CONTRACTOR SHALL PROVIDE CONTINUOUS DRAINAGE BY MECHANICAL METHODS TO CONTROL SURFACE AND UNDERGROUND WATER AS REQUIRED. DURING CONSTRUCTION, SO THAT ALL EXCAVATIONS ARE DRY.TE.I

K. ALL LOCATIONS WHERE BEDROCK IS REMOVED SHALL BE FREE DRAINING SO THAT NO POCKETS OF UNDERGROUND WATER COLLECT.

L. ALL EXPOSED EDGES OF CONCRETE MEMBERS SHALL BE CHAMFERED 3/4" UNLESS SHOWN OTHERWISE ON DRAWINGS.

M. INTERIOR CONCRETE SLABS SHALL BE MOIST CURED CONTINUOUSLY FOR 7 DAYS BY PLACING WATER OVER SLAB AFTER FREE WATER HAS DISAPPEARED FROM EXPOSED SURFACES. PLACE MOISTURE RETAINING COVER OVER THE ENTIRE SLAB. PROVIDE PROTECTION AS REQUIRED TO PREVENT DAMAGE TO EXPOSED SURFACES.

N. CONCRETE SHALL BE MAINTAINED ABOVE 50 DEGREES F, AND IN MOIST CONDITION FOR AT LEAST THE FIRST SEVEN DAYS AFTER PLACEMENT.

O. ALL EMBEDMENTS IN CONCRETE, INCLUDING ANCHOR BOLTS, SHALL BE FIRMLY SECURED BY TIE WIRE TO PREVENT MOVEMENT DURING CONCRETE PLACEMENT.

P. CONSOLIDATE ALL CONCRETE WITH A VIBRATOR OR OTHER MEANS RECOMMENDED BY ACI 301. HONEYCOMBED SURFACES WILL NOT BE PERMITTED.

Q. SEE ARCHITECTURAL DRAWINGS FOR DOOR AND WINDOW OPENINGS, DRIPS, WASHES, REGLETS, CONCRETE FINISHES, MASONRY ANCHORS, AND FOR MISCELLANEOUS EMBEDDED PLATES, BOLTS, ANCHORS, ANGLES, ETC. SEE ARCHITECTURAL DRAWINGS FOR LOCATIONS OF DRAINS. SLOPE SLABS UNIFORMLY TO DRAINS.

R. LIGHTWEIGHT GYPCRETE IS TO BE INSTALLED AFTER THE INSTALLATION OF THE INTERIOR WALL FRAMING AND RADIANT HEATING. THE GYPCRETE DOES NEED TO BE INSTALLED BEFORE THE INSTALLATION OF THE GYPSUM SHEATHING ON THE WALLS IN ORDER TO ELIMINATE MOLD DEVELOPMENT IN SHEATHING. FOLLOW THE MANUFACTURERS RECOMMENDATIONS FOR FURTHER INSTALLATION REQUIREMENTS.

4.03 CONTROL JOINTS

A. PLACE CONTROL JOINTS WHERE SHOWN ON THE PLANS. SLAB SECTIONS FORMED WITH CONTROL JOINTS SHOULD BE SQUARE OR NEARLY SQUARE.

B. SAW CUT JOINTS IN CONCRETE, AT EACH CONTROL JOINT LOCATION, AS SOON AS SLAB WILL SUPPORT THE WEIGHT OF THE SOFF-CUT SAW AND OPERATOR. (NORMALLY WITHIN 2 HOURS AFTER FINISHING AT CONTROL JOINT LOCATION). THE DEPTH OF CUT SHALL BE 1" TO 1 1/4". USE 3/8" DIAMETER SONOFOAM CLOSED CELL BACKER-ROD AND SONOLASTIC SL 2 SEALANT.

C. SEAL CONTROL JOINTS TO PREVENT SPALLING OF THE CONCRETE.

4.04 CONCRETE TESTING

A. FOUR CONCRETE TEST CYLINDERS TO BE SET ASIDE FOR LABORATORY TESTING EITHER EVERY 50 CUBIC YARDS FOR ONE CONTINUOUS PLACEMENT OR EACH NEW DAY PLACEMENT, WHICH EVER PRODUCES THE MOST CYLINDERS.

B. THE TESTING FOR THE FOUR CONCRETE CYLINDERS ARE TO CONSIST OF A (1) 7-DAY TEST, (2) 28-DAY TESTS, AND (1) HOLD CYLINDER. THE TESTS SHALL INCLUDE TESTING OF THE WET AND DRY DENSITY OF THE CONCRETE AND THE COMPRESSIVE STRENGTH OF EACH SPECIMEN.

C. ALL TESTING SHALL BE PERFORMED BY A LABORATORY IN COMPLIANCE WITH ASTM C495.

DESIGN LOADING

PART 1 – LOADING

1.01 DESIGN SOIL BEARING PRESSURE

A. THE DESIGN SOIL BEARING PRESSURE IS ASSUMED TO BE 2,000 PSF.

1.02 DEAD LOAD

A. ROOF TOP CHORD=10 PSF

B. ROOF BOTTOM CHORD=7 PSF

1.03 LIVE LOAD

A. MEZZANINE=125 PSF

B. ROOF SNOW LOAD(Pg)=90 PSF
(Pf)=75.6 PSF

1.04 WIND LOAD

A. DESIGN WIND SPEED=115 MPH

ISSUED FOR BID

AEHodsdon
CONSULTING ENGINEERS
10 Common Street Waterville, Maine 04901
(207) 873-5164
(207) 872-0645

REV	APPD	DATE	STATUS
0	AEH	04-01-2021	ISSUED FOR REVIEW
1	AEH	06-15-2021	UPDATED DOOR SCHEDULE & FOUNDATION DETAILS
2	AEH	06-15-2021	UPDATED DETAILS PER OWNERS COMMENTS
3	BEM	08-19-2022	ISSUED FOR BID

STATE OF MAINE
BENJAMIN E. MURRAY
NO. 10128
LICENSED PROFESSIONAL ENGINEER

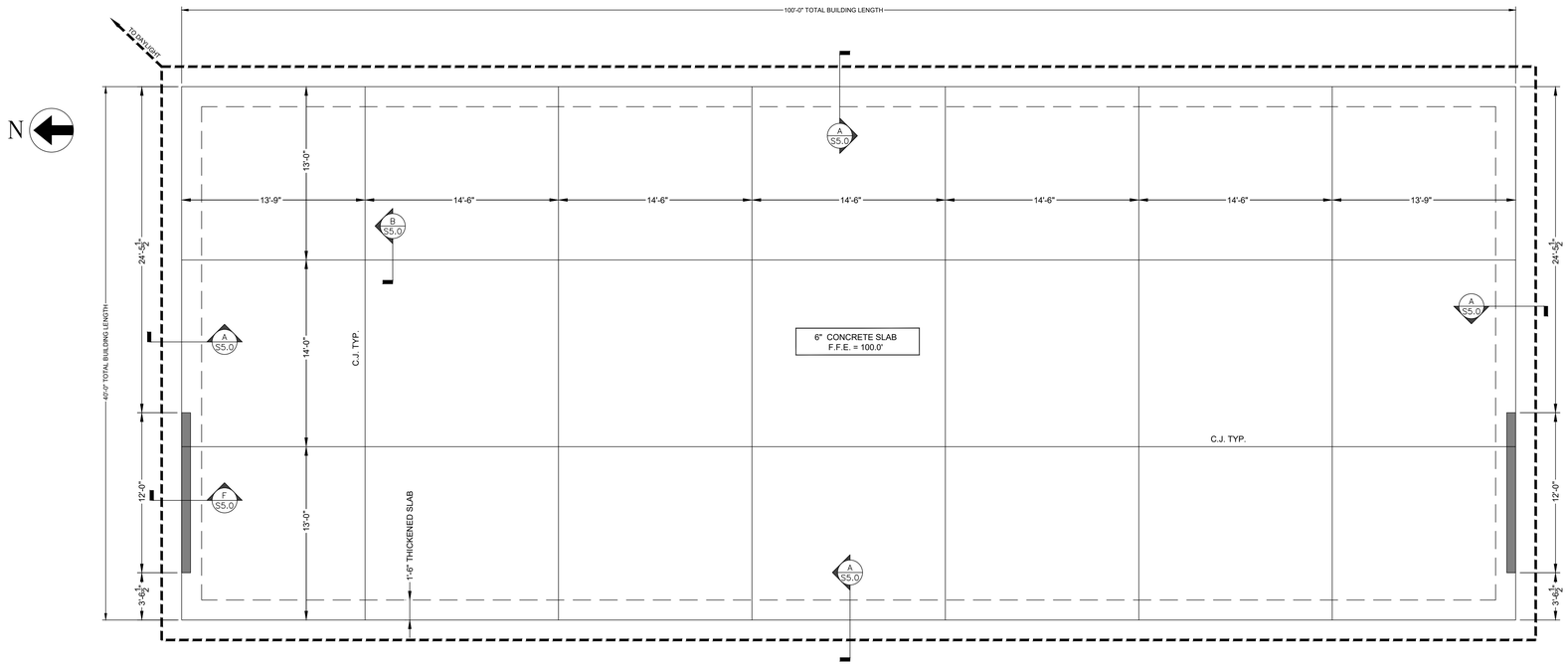
PRELIMINARY, NOT FOR CONSTRUCTION, BIDDING OR PERMIT PURPOSES

GENERAL NOTES
OF:
ENFIELD STORAGE BARN
COBB ROAD
ENFIELD, MAINE
FOR:
MAINE DEPT OF INLAND FISHERIES & WILDLIFE
41 STATE HOUSE STATION
AUGUSTA, MAINE

DRAWN	CHECKED
MG	AEH
SCALE	DATE
N.T.S.	04-01-2021

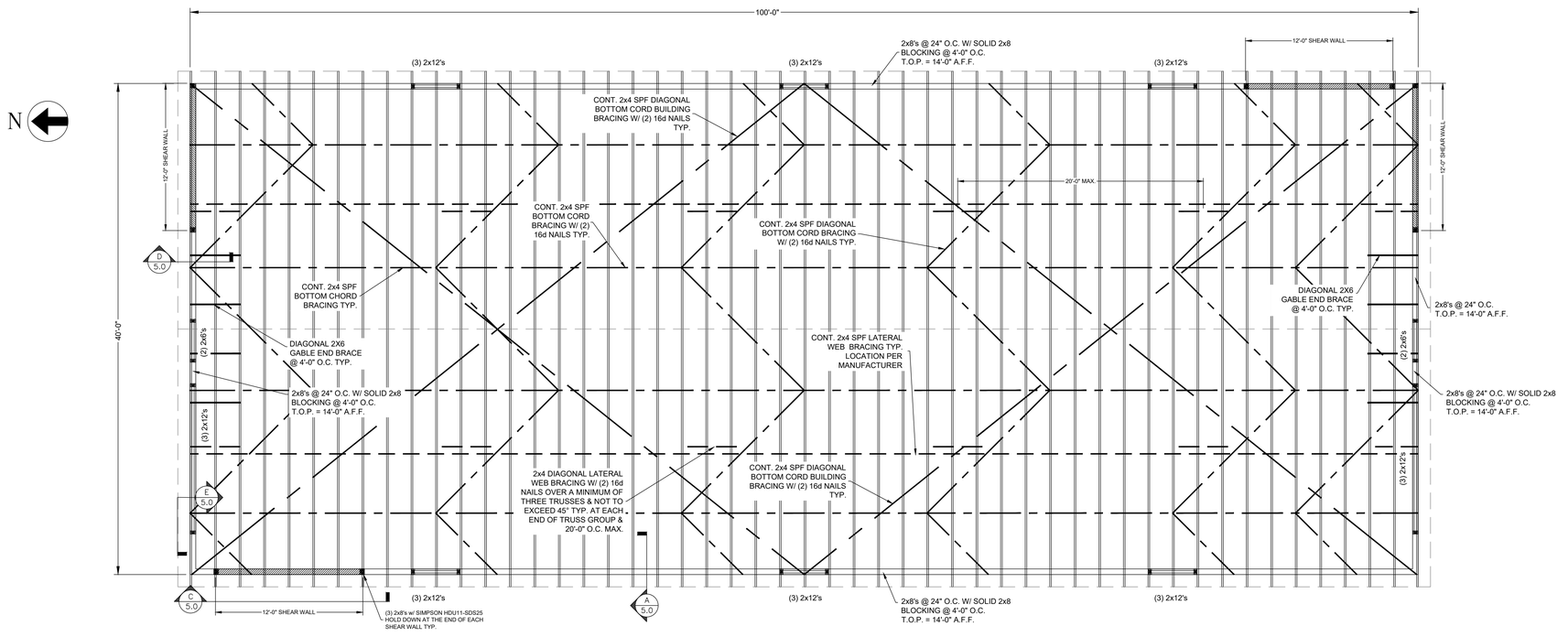
S1.0

PROJECT#:59-21



FOUNDATION PLAN

SCALE 3/16" = 1'-0"



ROOF FRAMING PLAN

SCALE 3/16" = 1'-0"

BRACING LEGEND

- GABLE END BRACE
- LATERAL WEB BRACE
- LATERAL DIAGONAL WEB BRACE
- BOTTOM CHORD BRACE

ISSUED FOR BID

AEHodsdon
CONSULTING ENGINEERS
10 Common Street Waterville, Maine 04901
(207) 873-5164
(207) 872-0645

REV	APP'D	DATE	STATUS
3.	BEM	08-19-2022	ISSUED FOR BID
2.	AEH	06-15-2021	UPDATED DETAILS PER OWNERS COMMENTS
1.	AEH	06-13-2021	UPDATED DOOR SCHEDULE & FOUNDATION DETAILS
0.	AEH	04-01-2021	ISSUED FOR REVIEW

STATE OF MAINE
BENJAMIN E. MURRAY
NO. 10128
LICENSED PROFESSIONAL ENGINEER
PRELIMINARY NOT TO BE USED FOR CONSTRUCTION UNLESS SIGNED AND SEALED

FOUNDATION& ROOF FRAMING PLAN

OF:

ENFIELD STORAGE BARN

COBB ROAD
ENFIELD, MAINE

FOR:

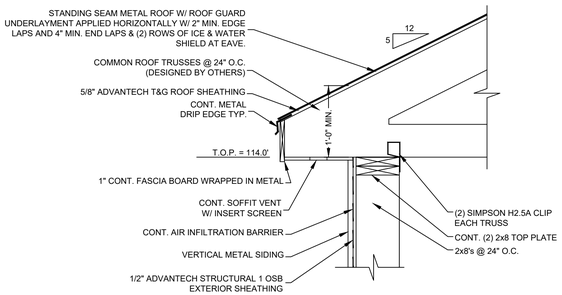
MAINE DEPT OF INLAND FISHERIES & WILDLIFE

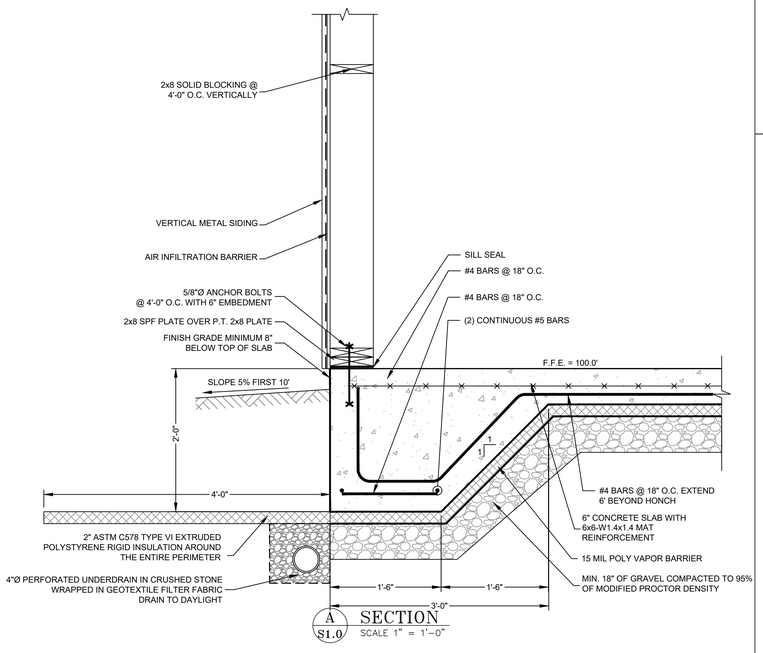
41 STATE HOUSE STATION
AUGUSTA, MAINE

DRAWN	CHECKED
MG	AEH
SCALE	DATE
AS NOTED	04-01-2021

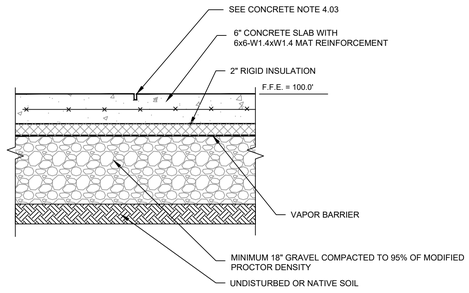
S1.1

PROJECT#:59-21

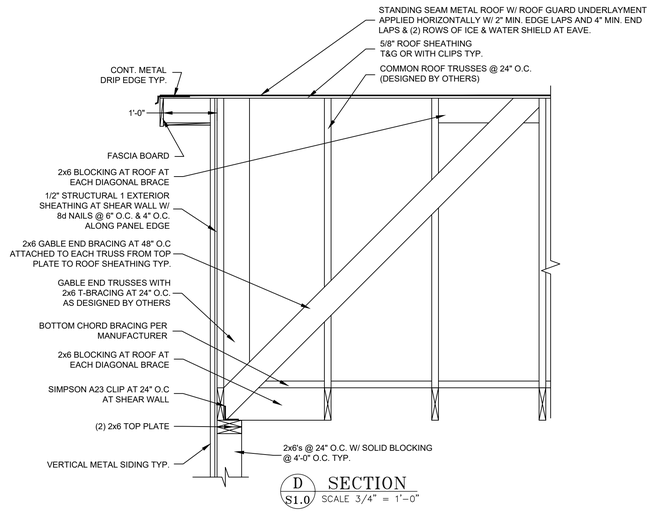




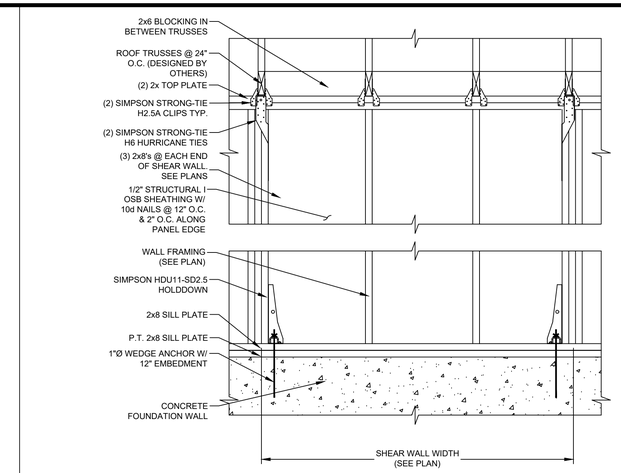
A S1.0 SECTION
SCALE 1" = 1'-0"



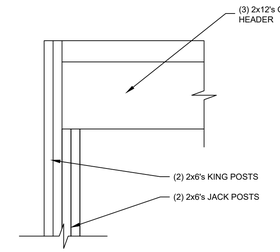
B S1.0 SECTION
SCALE 1" = 1'-0"



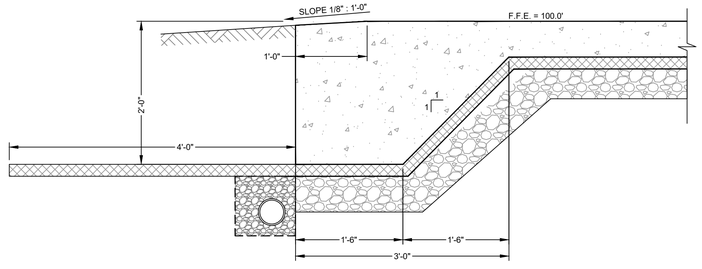
D S1.0 SECTION
SCALE 3/4" = 1'-0"



C S1.0 SECTION
SCALE 3/4" = 1'-0"



E S1.0 SECTION
SCALE 3/4" = 1'-0"



F S1.0 SECTION
SCALE 1" = 1'-0"

ISSUED FOR BID

AEHodsdon
CONSULTING ENGINEERS
10 Common Street Waterville, Maine 04901
(207) 873-5164
(207) 872-0645

REV.	APP'D	DATE	STATUS
0	AEH	04-01-2021	ISSUED FOR REVIEW
1	AEH	05-13-2021	UPDATED DOOR SCHEDULE & FOUNDATION DETAILS
2	AEH	06-15-2021	UPDATED DETAILS PER OWNERS COMMENTS
3	BEM	08-19-2022	ISSUED FOR BID

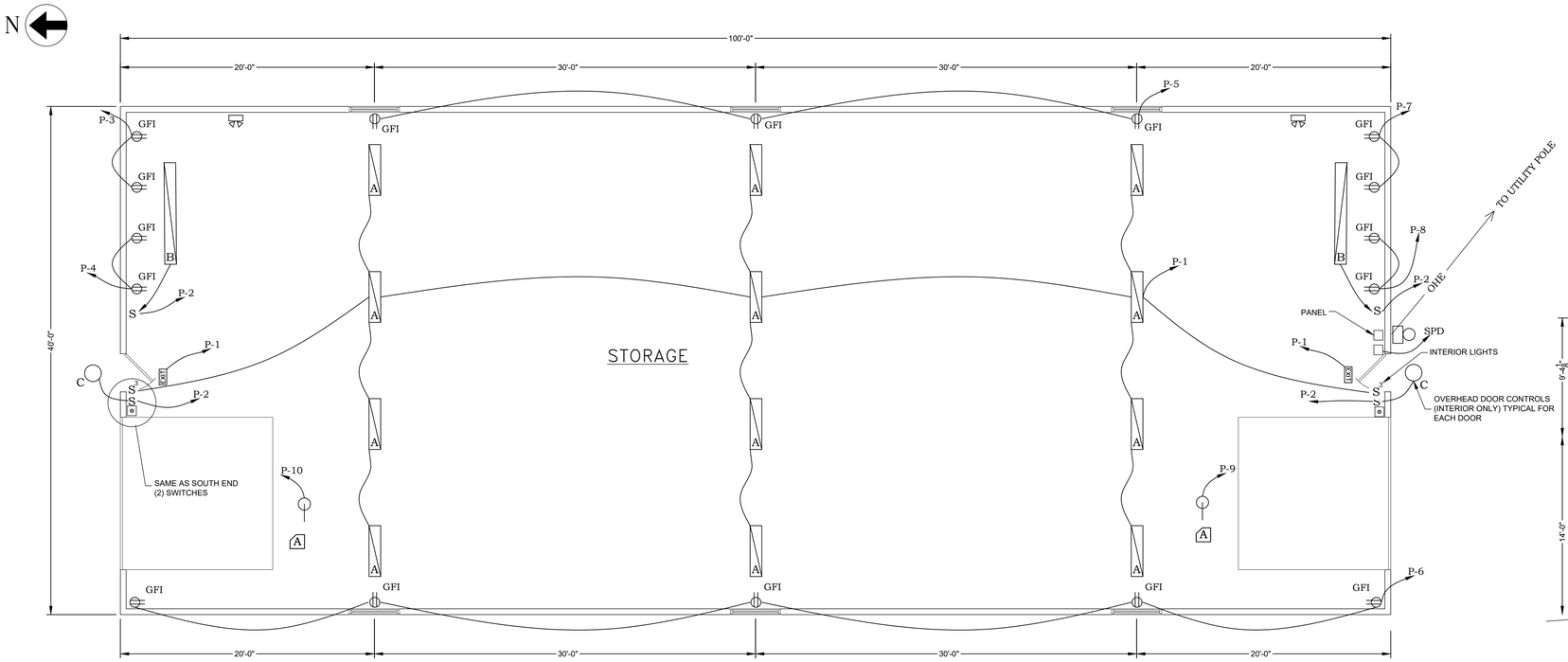
STATE OF MAINE
BENJAMIN E. MURRAY
NO. 10128
LICENSED PROFESSIONAL ENGINEER
PRELIMINARY, NOT FOR CONSTRUCTION, BIDDING, PERMITTING, AND SEAL

DETAILS
OF:
ENFIELD STORAGE BARN
COBB ROAD
ENFIELD, MAINE
FOR:
MAINE DEPT OF INLAND FISHERIES & WILDLIFE
41 STATE HOUSE STATION
AUGUSTA, MAINE

DRAWN	CHECKED
MG	AEH
SCALE	DATE
AS NOTED	04-01-2021

S5.0

PROJECT#:59-21



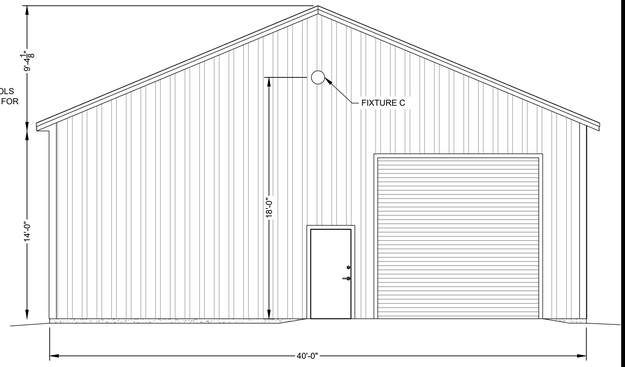
LEGEND

	LED LIGHTING FIXTURE; LETTER INDICATES TYPE
	DUPLEX 20A RECEPTACLE 48"AFF
S	SINGLE POLE SWITCH 48" AFF
S^3	3 WAY SWITCH 48" AFF
	UTILITY METER
OHE	OVERHEAD ELECTRICAL WIRES
	OVERHEAD DOOR OPERATOR CONTROL
	PANEL OR AS LABELED
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
GFI	GROUND FAULT CIRCUIT PROTECTOR
SPD	SURGE PROTECTIVE DEVICE
OHD	OVERHEAD DOOR

NOTE:
CONTRACTOR SHALL PERFORM VOLTAGE DROP CALCULATIONS FOR INTERIOR LIGHTING CIRCUIT AND RECEPTACLE CIRCUITS AND PROVIDE CONDUCTORS THAT LIMIT THE VOLTAGE DROP TO A MAXIMUM OF 3%. CALCULATIONS SHALL BE SUBMITTED WITH SHOP DRAWINGS FOR ENGINEERS APPROVAL.

[A] FIELD COORDINATE MOUNTING FOR POWER TO OVERHEAD DOOR

ELECTRICAL PLAN
SCALE 3/16" = 1'-0"



NORTH ELEVATION
SCALE 3/16" = 1'-0"

FIXTURE SCHEDULE

TYPE	FIXTURE MAKE	FIXTURE MODEL	MOUNTING	LAMPING
A	LITHONIA	ZL1N L48 5000LM FST MVOLT 50K 80 CRI WH	SURFACE ON BOTTOM OF TRUSS	21.7W/LED
B	LITHONIA	TZL1N L96 6000LM FST MVOLT 50K 80CRI WH	BRACKET FROM WALL AT 10FT AFF	64W/LED
C	RAB	WPLED 4T 78 N WITH SMS 500 MOTION CONTROLLER	WALL 18 FT AFG	78W/LED
EXIT	LITHONIA	LV S W I R 120 UM CW	WALL ABOVE DOOR	2.3W/LED

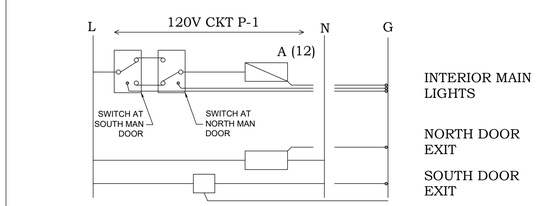
PANEL SCHEDULE - A SURFACE MOUNTED

100 AMP MCB,240/120 VOLT, 1 PHASE, 3 WIRE, 60 HZ

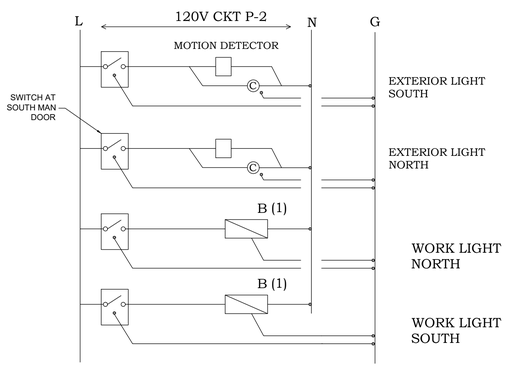
CIRCUIT NO.	DESCRIPTION	NO. POLES	RATING	LOAD
1	INTERIOR LIGHTS	1	20*	0.9
2	INTERIOR BENCH AND EXTERIOR LIGHTS	1	20*	0.3
3	RECEPT - M	1	20	0.4
4	RECEPT - M	1	20	0.6
5	RECEPT - E	1	20	1.0
6	RECEPT - W	1	20	0.4
7	RECEPT - S	1	20	0.4
8	RECEPT - S	1	20	0.5
9	OH DOOR S	1	20	0.5
10	OH DOOR N	1	20	
11,13	SPD	2	**	
12-14	SPARE	1	20	
15,16	SPARE	1	20	
17-24	SPACE		20	

* PROVIDE HANDLE LOCK ON CIRCUITS

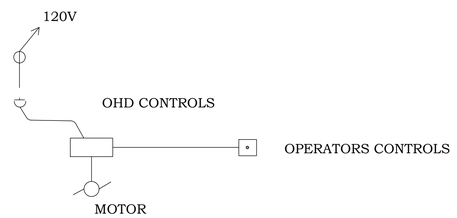
** RATING PER SPD MANUFACTURER RECOMMENDATION



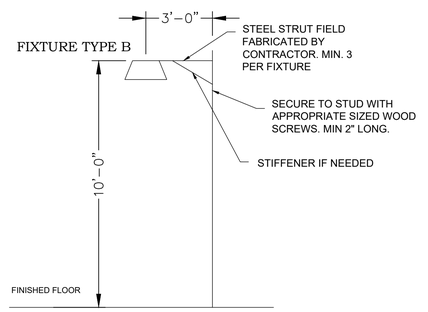
MAIN INTERIOR LIGHT WIRING DIAGRAM



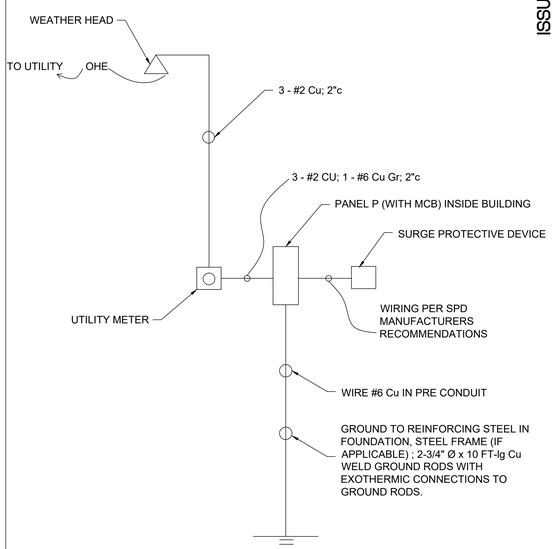
WORK AND EXTERIOR LIGHTING WIRING DIAGRAM



TYPICAL OHD INTERCONNECTION DIAGRAM



TYPICAL WORK LIGHT MOUNTING PROPOSED



ELECTRIC SERVICE INTERCONNECTION DIAGRAM

ISSUED FOR BID

AEHodsdon
CONSULTING ENGINEERS
10 Common Street Waterville, Maine 04901
(207) 873-5164
(207) 872-0645

REV	APP'D	DATE	STATUS
0	AEH	04-01-2021	ISSUED FOR REVIEW
1	AEH	05-13-2021	UPDATED DOOR SCHEDULE & FOUNDATION DETAILS
2	BEM	08-19-2022	ISSUED FOR BID

STATE OF MAINE
BENJAMIN E. MURRAY
NO. 10128
LICENSED PROFESSIONAL ENGINEER
PRELIMINARY, NOT VALID FOR CONSTRUCTION, BIDDING, PERMITTING, OR RECORDING PURPOSES

ELECTRICAL PLAN
OF:
ENFIELD STORAGE BARN
COBB ROAD
ENFIELD, MAINE
FOR:
MAINE DEPT OF INLAND FISHERIES & WILDLIFE
41 STATE HOUSE STATION
AUGUSTA, MAINE

DRAWN	CHECKED
MG	AEH
SCALE	DATE
AS NOTED	04-01-2021

E1.0

PROJECT#:59-21