

DOT-200023 ODOT - EATON OUTPOST

5656 US-127 Eaton, Ohio 45320

PREPARED FOR:

**Ohio Facilities Construction
Commission
and
Ohio Department of Transportation**

PREPARED BY:

JEROME M. SCOTT ARCHITECTS
1020 GOODALE BLVD.
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MECHANICAL-ELECTRICAL-PLUMBING-
FIRE PROTECTION ENGINEER

Veregy

855 Grandview Ave.
Columbus, Ohio 43215
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STRUCTURAL ENGINEER

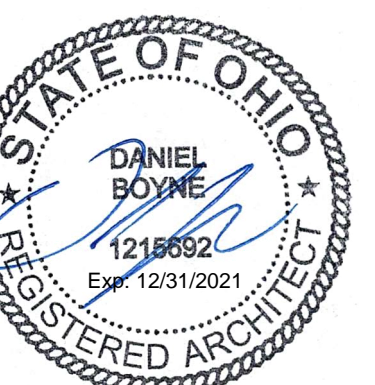
Paul J. Ford & Co.

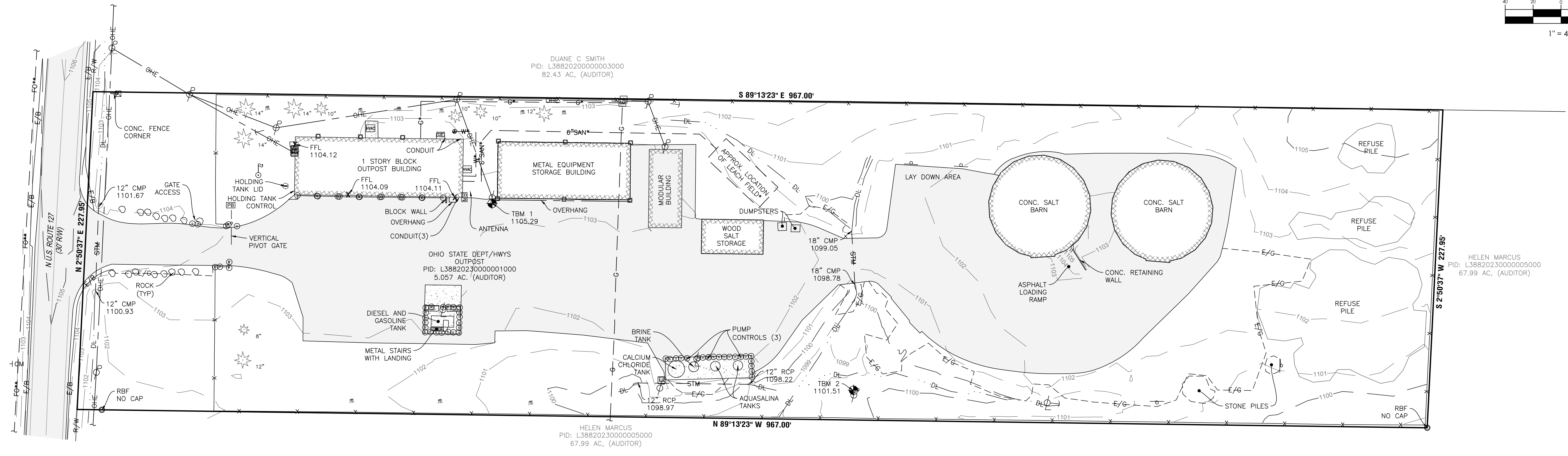
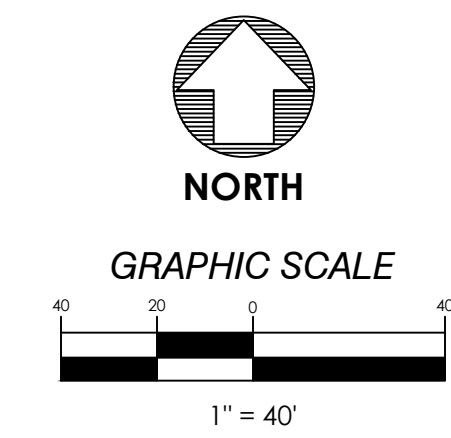
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CIVIL ENGINEER

Sands Decker CPS

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- ### LEGEND
- PROPERTY LINE
 - R/W — RIGHT-OF-WAY
 - STM — STORM LINE
 - SAN — SANITARY SEWER
 - W — WATER LINE
 - G — GAS LINE
 - GHE — OVERHEAD ELECTRIC LINE
 - E/G — EDGE OF GRAVEL
 - E/B — EDGE OF BERM
 - FO — UNDERGROUND FIBER OPTIC LINE
 - BARBED WIRE FENCE
 - DL — DITCH LINE
 - HOLDING TANK
 - WATER VALVE
 - GAS METER
 - GAS PUMP
 - LIGHT POLE
 - POWER POLE
 - GUY WIRE
 - COMMUNICATIONS MARKER
 - HVAC UNIT
 - ELECTRIC METER
 - ELECTRIC BOX
 - GENERATOR
 - MAILBOX
 - CONIFEROUS TREE
 - TREE STUMP
 - BOLLARD
 - POST
 - SIGN
 - FLAG POLE
 - FINISHED FLOOR
 - BENCHMARK
 - IRON PIN FOUND
 - CONCRETE
 - ASPHALT
 - BUILDING

- ### ABBREVIATIONS
- CMP CORRUGATED METAL PIPE
 - SAN SANITARY
 - STM STORM
 - FFL FINISHED FLOOR
 - TBM TEMPORARY BENCHMARK
 - IPF IRON PIN FOUND
 - RBF REBAR FOUND

HORIZONTAL REFERENCE BASIS OF BEARINGS

BEARINGS ARE BASED ON THE OHIO STATE PLANE COORDINATE SYSTEM - OHIO SOUTH ZONE (NAD83) BY GPS OBSERVATION, REFERENCED TO THE ODOT VRS NETWORK.

BENCHMARK REFERENCE

ELEVATIONS DEPICTED ON THIS SURVEY ARE REFERENCED TO THE NAVD88 VERTICAL DATUM BY GPS OBSERVATIONS TO THE ODOT VRS RTK NETWORK.

BENCHMARKS

TBM 1
 ELEVATION = 1105.29
 BENCH TIE DRIVEN INTO THE SOUTH SIDE OF A POWER POLE LOCATED NEXT TO THE SOUTHWEST CORNER OF METAL EQUIPMENT STORAGE BUILDING.

TBM 2
 ELEVATION = 1101.51
 MAG NAIL SET IN THE NORTH SIDE OF A POWER POLE LOCATED ON THE SOUTH SIDE OF THE PROPERTY ALSO BEING LOCATED ±75 FEET EAST OF THE AQUASALINA TANK

SURVEYOR'S NOTES

— BOUNDARY LINES ARE DEPICTED FROM RECORD LINES FOUND IN REFERENCES HEREON RECORDED AT THE PREBLE COUNTY RECORDER'S OFFICE AND DOES NOT REFLECT A BOUNDARY SURVEY PREPARED BY SANDS DECKER.

— FEMA INFORMATION
 PANEL: 39135C0135D
 EFFECTIVE DATE: MARCH 2, 2010
 ZONE X: AREAS DETERMINED TO BE OUTSIDE OF THE 0.2% ANNUAL CHANCE FLOODPLAIN.

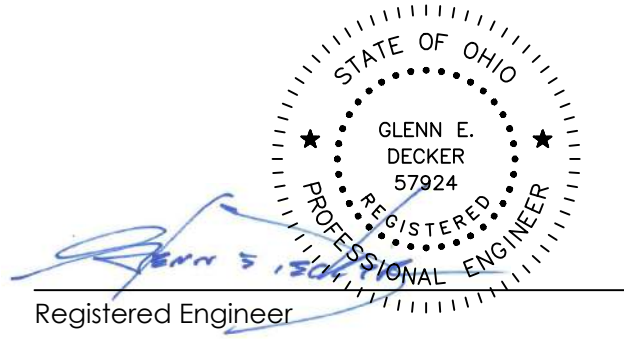
UTILITIES

EXISTING UTILITIES: THE INFORMATION SHOWN CONCERNING EXISTING UTILITIES IS APPROXIMATE. THE LOCATION, SIZES, AND OTHER INFORMATION IS ONLY AS ACCURATE AS THE INFORMATION PROVIDED BY THE OWNERS OF THE UTILITY COMPANY. THIS INFORMATION IS NOT REPRESENTED, WARRANTED, OR GUARANTEED TO BE COMPLETE OR ACCURATE.

THE FOLLOWING UTILITY OWNERS WERE CONTACTED AS LISTED BY OUPS CONFIRMATION TICKET A121502021:

- CHARTER COMMUNICATIONS (MIKE BATH, CONSTRUCTION SUPERVISOR) 1-614-827-7974
- CENTURYLINK (CHRIS STRAYER, LEAD PROJECT MNGR.) 1-303-886-1299
- DARKE RURAL ELECTRIC 1-937-548-4114
- AES - FORMERLY DAYTON POWER & LIGHT 1-800-424-5578
- INDEPENDENTS FIBER NETWORK 1-800-634-4032
- CENTERPOINT ENERGY 1-800-227-1376

*DENOTES THE UTILITY LINE IS DRAWN FROM STATE OF OHIO HIGHWAY OUTPOST BUILDING PLOT PLAN (1963)
 **DENOTES THE UTILITY LINE IS DRAWN FROM GIS PLANS PROVIDED BY CENTURY LINK OUPS RESPONSE



Registered Engineer Date 11-12-2021

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-	12/10/21	BID SET
-	11/12/21	PERMIT SET

PROJECT NO: **DOT-200023**
 DATE: **12/10/21**
 DRAWN BY: **LLA**

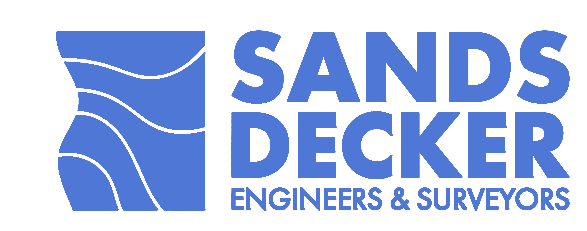
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SHEET TITLE

EXISTING SITE SURVEY



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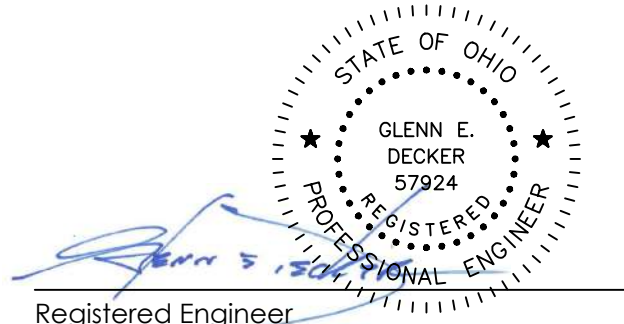
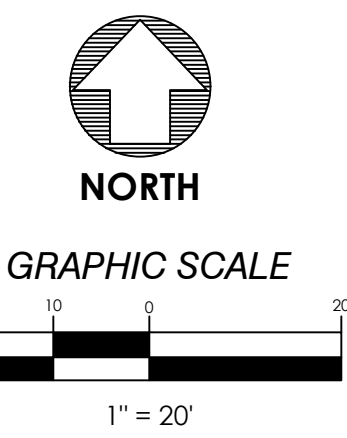
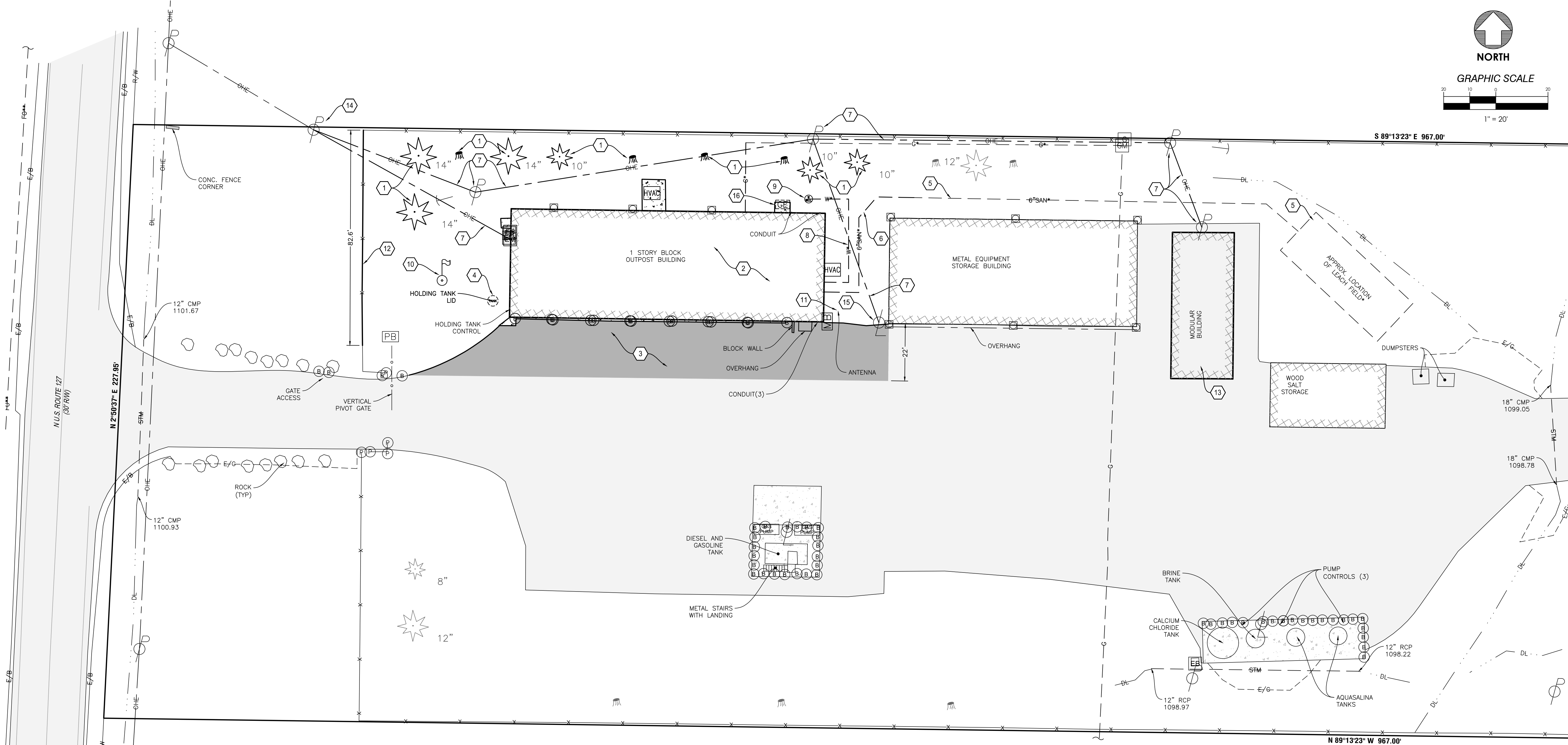
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 740-450-1640

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C100



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SHEET TITLE
SITE DEMOLITION PLAN

C200

DEMOLITION KEYNOTES

1. STUMP OR TREE & STUMP TO BE REMOVED.
2. BUILDING & APPURTENANCES INCLUDING DOWNSPOUTS, BOLLARDS, POSTS, MECHANICAL EQUIPMENT, PADS & UTILITY SERVICES TO BE REMOVED
3. ASPHALT PAVEMENT & BASE TO BE REMOVED
4. 3500 GALLON PLASTIC UNDERGROUND HOLDING TANK TO BE REMOVED
5. SANITARY SERVICES, SEPTIC SYSTEM EQUIPMENT, TANKS & LEACH FIELD TO REMAIN FOR RECONNECTION TO NEW BUILDING SANITARY SERVICE
6. SANITARY SERVICE TO BE REMOVED. SEE SITE DIMENSION PLAN
7. POWER POLE, OVERHEAD/UNDERGROUND ELECTRIC SERVICES & EQUIPMENT TO BE REMOVED. SEE MEP PLANS
8. WATER SERVICE FROM WELL TO BUILDING TO BE REMOVED
9. WELL TO BE ABANDONED/SEALED IN ACCORDANCE WITH THE REQUIREMENTS OF THE PREBLE COUNTY GENERAL HEALTH DISTRICT. SEALING THE EX. WELL MUST BE DONE PRIOR TO DRILLING NEW WELL, HOWEVER, BOTH ITEMS MAY BE PERFORMED UNDER THE SAME PERMIT. SEE SITE DIMENSION PLAN FOR ADDITIONAL INFORMATION.
10. FLAG POLE TO BE REMOVED
11. ANTENNA TO BE REMOVED
12. CHAINLINK FENCE & POSTS TO BE REMOVED. SEE SITE DIMENSION PLAN
13. BUILDING & APPURTENANCES TO BE REMOVED BY OWNER
14. POWER POLE TO REMAIN. SEE MEP PLANS.
15. LIGHT POLE TO REMAIN. SEE MEP PLANS.
16. GENERATOR TO BE RELOCATED. SEE SITE DIMENSION & MEP PLANS
17. GAS SERVICE TO BUILDING TO BE REMOVED. SEE MEP PLANS.

MISC. NOTES

- ALL ITEMS NOTED FOR DEMOLITION SHALL BE REMOVED & DISPOSED OF IN ACCORDANCE WITH ALL APPLICABLE FEDERAL & LOCAL REGULATIONS, UNLESS OTHERWISE DIRECTED BY THE OWNER.
- CONTRACTOR SHALL COORDINATE THE DISCONNECTION & REMOVAL &/OR ABANDONMENT OF EXISTING UTILITIES WITH THE MEP PLANS & APPROPRIATE UTILITY OWNERS AS NECESSARY & SHALL MEET ALL APPLICABLE FEDERAL, STATE & LOCAL CODES & REQUIREMENTS. ANY ABANDONED OR INACTIVE UTILITIES ENCOUNTERED ON-SITE, WHETHER SHOWN ON THESE PLANS OR NOT, SHALL BE REMOVED TO THE PROPERTY LINE & CAPPED.
- THE REMOVAL OF ANY ITEMS WHICH HAVE IN-GROUND FOUNDATIONS, BASES OR FOOTERS OF ANY KIND SHALL INCLUDE COMPLETE REMOVAL OF SAID FOUNDATIONS.
- SEE SITE DIMENSION PLAN FOR ADDITIONAL INFORMATION.

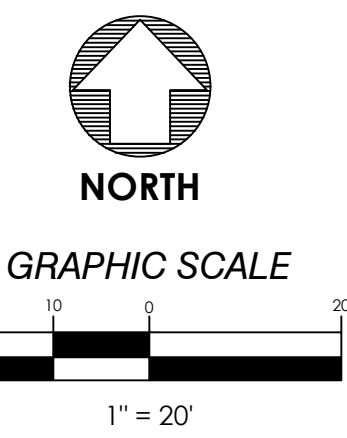
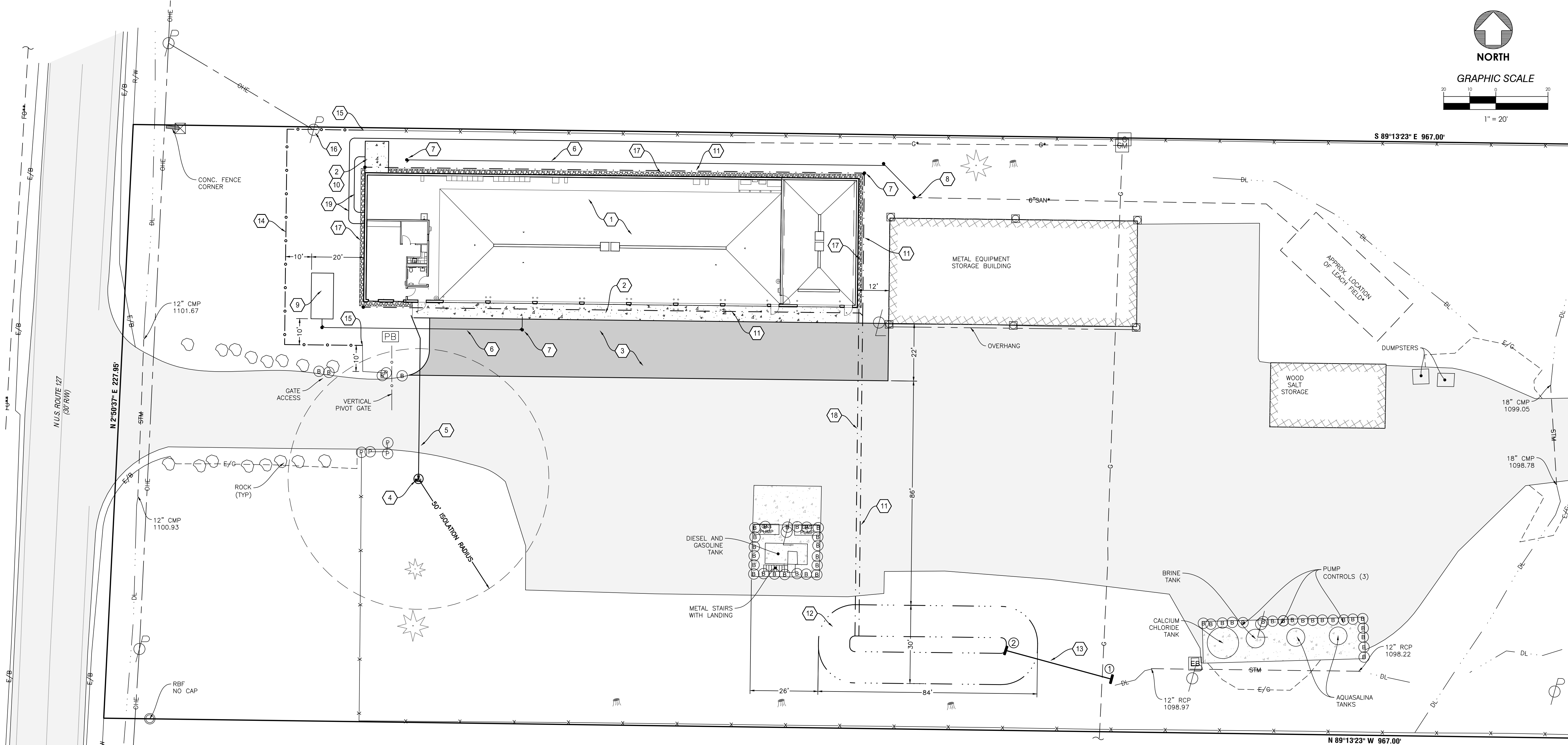


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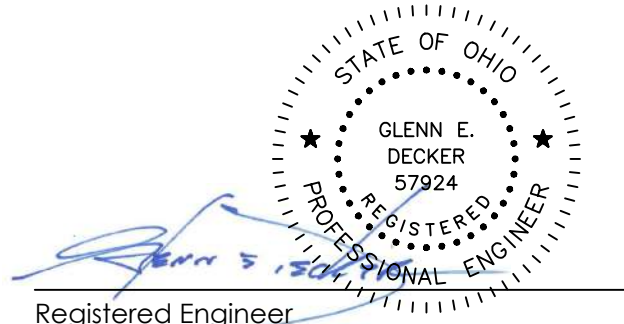
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**Jerome M. Scott
Architects**
1020 Goodale Blvd
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Registered Engineer Date 11-12-2021

**DOT-200023
ODOT - EATON
OUTPOST**

5656 US-127 Eaton, Ohio 45320

- SITE KEYNOTES**
1. OUTPOST BUILDING. SEE ARCHITECTURAL PLANS.
 2. FOR CONCRETE APRON/PAD DETAILS, SEE STRUCTURAL PLANS
 3. HEAVY DUTY ASPHALT PAVEMENT. SEE DETAIL
 4. WELL. SEE MISC. NOTES.
 5. 3" WATER SERVICE. COORDINATE CONNECTION TO BUILDING PLUMBING WITH MEP PLANS
 6. 6" SANITARY SEWER SERVICE AT 2.08% MIN. COORDINATE INVERT & LOCATION OF BUILDING CONNECTIONS WITH MEP PLANS
 7. CLEANOUT, TYP. SEE DETAIL
 8. FIELD VERIFY LOCATION & ELEVATION OF EX. SANITARY SERVICE & CONNECT TO NEW OUTPOST BUILDING SERVICE AS SHOWN.
 9. 5000 GAL. HOLDING TANK. SEE DETAILS
 10. RELOCATED GENERATOR
 11. 8" ROOF DRAIN COLLECTOR @ 0.8% MIN. COORDINATE CONNECTIONS TO BUILDING ROOF DRAINS/DOWNSPOUTS WITH ARCHITECTURAL & MEP PLANS. DISCHARGE TO DETENTION BASIN AS SHOWN.
 12. STORM WATER DETENTION BASIN (QUANTITY CONTROL ONLY). SEE DETAILS
 13. STORM SEWER. SEE PROFILE
 14. CHAINLINK FENCE. SEE DETAIL.
 15. CONNECT TO EX. FENCE.
 16. COORDINATE PLACEMENT OF FENCE AROUND EX. UTILITY POLE WITH OWNER.
 17. 18"W x 6"D NO. 4 OR NO. 57 WASHED STONE DRIP EDGE/MOW STRIP WITH 6 MIL BLACK WEED BARRIER & 3/16" X 5 1/2" INTERLOCKING ALUMINUM EDGING AT PERIMETER. EDGING SHALL BE INSTALLED WITH CONTINUOUS CORNERS & SECURED WITH MIN. 12" STAKES.
 18. 4" FOUNDATION DRAIN OUTLET AT 1.2%±. DAYLIGHT TO DETENTION BASIN AS SHOWN.
 19. GAS SERVICE. SEE MEP PLANS.

- MISC. NOTES**
- CONTRACTOR SHALL VERIFY ALL DIMENSIONS ON THE GROUND & REPORT ANY LAYOUT DISCREPANCIES IMMEDIATELY TO THE A/E.
 - REFER TO THE ARCHITECTURAL DRAWINGS FOR BUILDING LAYOUT. CONTRACTOR IS RESPONSIBLE FOR CONFIRMING ALL BUILDING CORNER LOCATIONS IN THE FIELD.
 - DO NOT SCALE FROM THIS DRAWING. ALL WRITTEN DIMENSIONS SHALL GOVERN. REPORT ANY DISCREPANCIES IMMEDIATELY TO THE A/E.
 - UNLESS OTHERWISE NOTED, FOR ALL CONCRETE PADS, APRONS & STOOPS, SEE ARCHITECTURAL AND/OR STRUCTURAL PLANS FOR DETAILS.
 - CONTRACTOR SHALL PROVIDE A 75 GPM (MIN.) 3 PHASE WELL PUMP TO DELIVER 80 PSI (MIN.) TO THE BUILDING. A REGISTERED WATER SYSTEMS CONTRACTOR MUST OBTAIN A WELL PERMIT FROM THE PREBLE COUNTY GENERAL HEALTH DISTRICT PRIOR TO ANY DRILLING. ALL WORK RELATED TO THIS PERMIT MUST BE PERFORMED BY SAID CONTRACTOR & COORDINATED WITH THE HEALTH DISTRICT. A WATER SAMPLE IS REQUIRED AFTER THE WELL IS COMPLETE & CHLORINATED. IN ADDITION TO THE HEALTH DISTRICT, TESTING RESULTS SHOULD BE PROVIDED TO THE DESIGN ENGINEER TO DETERMINE IF TREATMENT OF ANY KIND WILL BE REQUIRED. SEE DEMOLITION PLAN FOR RELATED INFORMATION.
 - TRENCH REPAIR FOR ASPHALT AREAS DISTURBED DURING CONSTRUCTION SHALL BE REPAIRED PER THE HEAVY DUTY PAVEMENT DETAIL.



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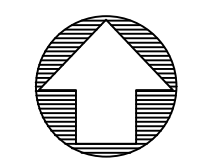
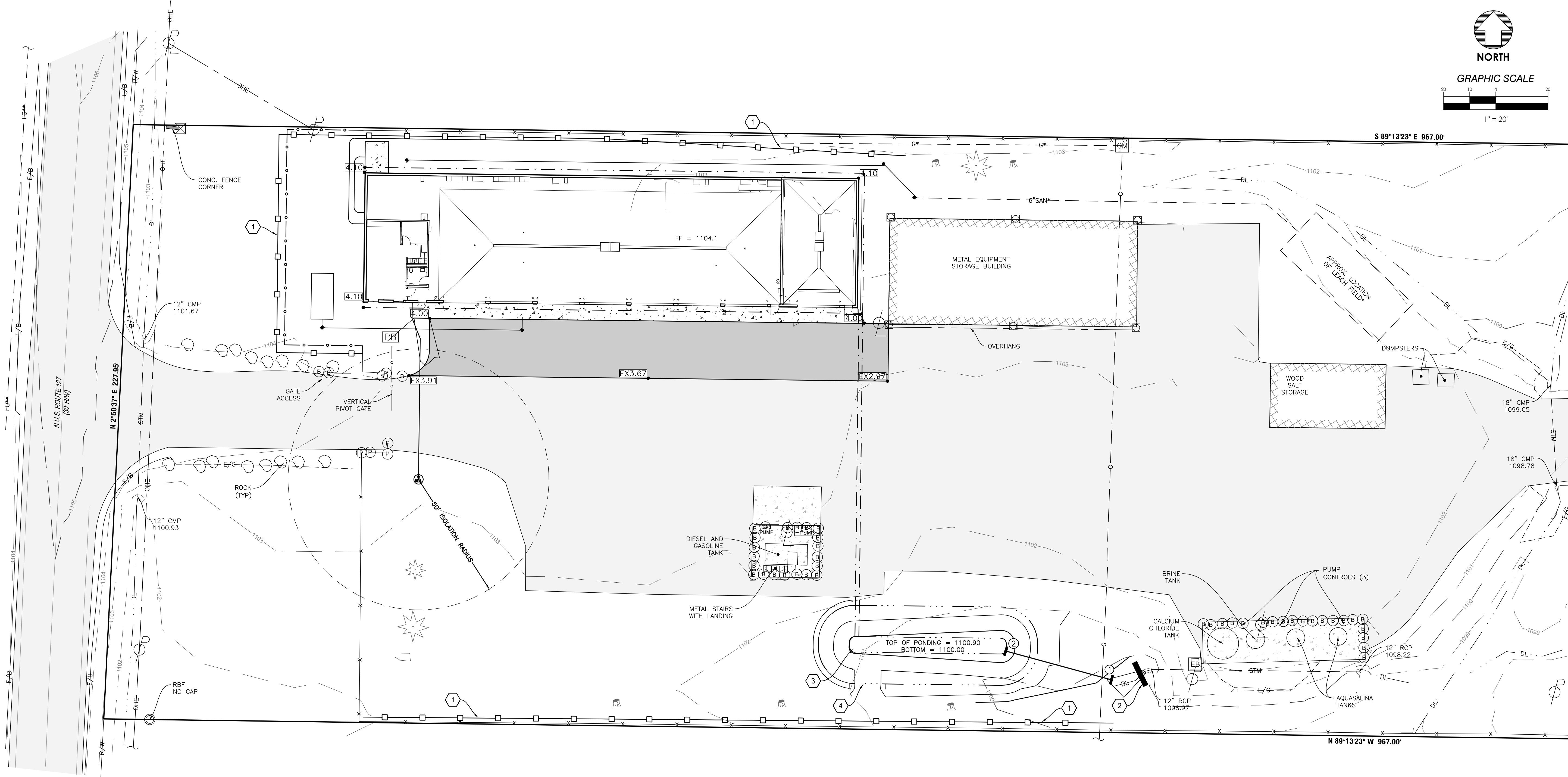
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SHEET TITLE
SITE DIMENSION PLAN

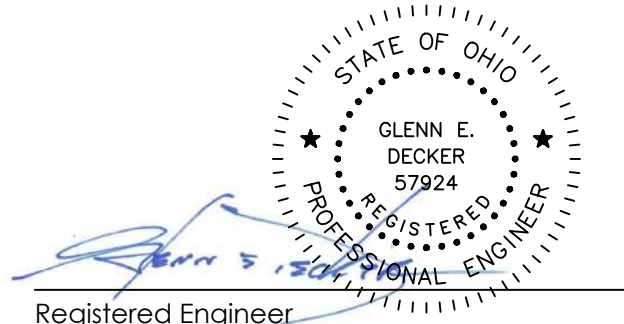
C300



NORTH
GRAPHIC SCALE
1" = 20'



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SHEET TITLE

**SITE GRADING &
STORM WATER PLAN**

C400

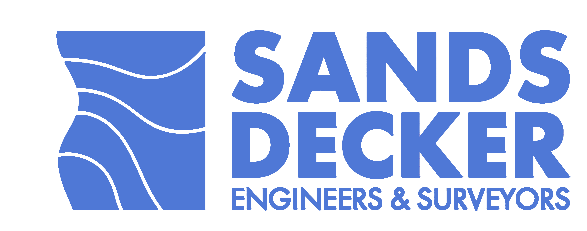
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GRADING KEYNOTES

1. SEDIMENT FENCE, TYP. SEE DETAIL
2. DITCH CHECK, TYP. SEE DETAIL
3. 4'W X 5'L X 18"D ROCK CHANNEL PROTECTION. SEE DETAIL
4. OVERFLOW WEIR. SEE DETAIL



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TIMING OF SEDIMENT-TRAPPING PRACTICES: SEDIMENT CONTROL PRACTICES SHALL BE FUNCTIONAL THROUGHOUT ANY SITE DEMOLITION &/OR EARTH-DISTURBING ACTIVITY.

PERIMETER CONTROLS & OTHER PRACTICES INTENDED TO TRAP SEDIMENT SHALL BE IMPLEMENTED WITHIN 7 DAYS FROM THE START OF GRUBBING. THEY SHALL CONTINUE TO FUNCTION UNTIL THE UPSLOPE DEVELOPMENT AREA IS RESTABILIZED.

FOR DISTURBED AREAS THAT WILL LIE DORMANT FOR 1 YEAR OR MORE, PERMANENT EROSION CONTROLS SHALL BE APPLIED WITHIN 7 DAYS OF MOST RECENT DISTURBANCE.

FOR DISTURBED AREAS WITHIN 50 FEET OF A SURFACE WATER OF THE STATE & AT FINAL GRADE, PERMANENT EROSION CONTROLS SHALL BE APPLIED WITHIN 2 DAYS OF REACHING FINAL GRADE.

FOR ANY OTHER DISTURBED AREAS AT FINAL GRADE, PERMANENT EROSION CONTROLS SHALL BE APPLIED WITHIN 7 DAYS OF REACHING FINAL GRADE WITHIN THAT AREA.

FOR DISTURBED AREAS WITHIN 50 FEET OF A SURFACE WATER OF THE STATE & NOT AT FINAL GRADE, TEMPORARY EROSION CONTROLS SHALL BE APPLIED WITHIN 2 DAYS OF THE MOST RECENT DISTURBANCE IF THE AREA WILL REMAIN IDLE FOR MORE THAN 14 DAYS.

FOR ALL CONSTRUCTION ACTIVITIES, ANY DISTURBED AREAS THAT WILL BE DORMANT FOR MORE THAN 14 DAYS BUT LESS THAN 1 YEAR, & NOT WITHIN 50 FEET OF A SURFACE WATER OF THE STATE, TEMPORARY EROSION CONTROLS SHALL BE APPLIED WITHIN 7 DAYS OF THE MOST RECENT DISTURBANCE WITHIN THE AREA. FOR RESIDENTIAL SUBDIVISIONS, DISTURBED AREAS MUST BE STABILIZED AT LEAST 7 DAYS PRIOR TO TRANSFER OF PERMIT COVERAGE FOR THE INDIVIDUAL LOT(S).

FOR DISTURBED AREAS THAT WILL BE LEFT IDLE OVER WINTER, TEMPORARY EROSION CONTROLS SHALL BE APPLIED PRIOR TO ONSET OF WINTER WEATHER.

SEDIMENT CONTROL DEVICES SHALL BE IMPLEMENTED FOR ALL AREAS REMAINING DISTURBED FOR OVER 14 DAYS.

SEDIMENT BARRIERS: SHEET FLOW RUNOFF FROM DENUDED AREAS SHALL BE FILTERED OR DIVERTED TO A SETTLING FACILITY.

SEDIMENT BARRIERS SUCH AS SEDIMENT FENCE OR DIVERSIONS TO SETTLING FACILITIES SHALL PROTECT ADJACENT PROPERTIES & WATER RESOURCES FROM SEDIMENT TRANSPORTED BY SHEET FLOW.

TEMPORARY EROSION CONTROL FEATURES SHALL BE ACCEPTABLY MAINTAINED & SHALL BE REMOVED OR REPLACED WHEN DIRECTED BY THE ENGINEER AT NO COST TO THE OWNER. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE SPECIFICATIONS.

ALL CONCENTRATED WATER SOURCES SHALL DISCHARGE INTO A VIABLE SEDIMENT BASIN.

SEDIMENT BASINS SHALL BE CLEANED OUT ANY TIME ACCUMULATED STORAGE REACHES THE SEDIMENT VOLUME ELEVATION AS INDICATED IN THE SEDIMENT BASIN CHART.

ALL WATER SOURCES SHALL DISCHARGE IN A NON-EROSIVE MANNER.

ALL SOIL STOCKPILES SHALL BE PROTECTED FROM EROSION BY PERIMETER CONTROL DEVICES SUCH AS STRAW BALE DIKES OR SILT FENCES. THESE PERIMETER CONTROL DEVICES SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.

PERMANENT VEGETATION SHALL NOT BE CONSIDERED ESTABLISHED UNTIL GROUND COVER IS ACHIEVED WHICH, IN THE OPINION OF THE ENGINEER, PROVIDES ADEQUATE COVER & IS MATURE ENOUGH TO CONTROL SOIL EROSION SATISFACTORILY & TO SURVIVE ADVERSE WEATHER CONDITIONS.

INSPECTION SCHEDULE:
1. DIVERSION SWALE & STRUCTURAL PROTECTION – INSPECT EVERY 15 DAYS OR AFTER EACH RAINSTORM PRODUCING RUNOFF. REPAIR AS REQUIRED.

2. INLET PROTECTION – INSPECT FOR SEDIMENT ACCUMULATION AFTER EACH RAINFALL & DAILY DURING CONTINUED RAINFALL. REPAIR OR REPLACE WHEN WATER FLOW IS RESTRICTED BY SEDIMENT.

3. VEGETATIVE PLANTING – INSPECT AFTER SPROUTING OCCURS & REPLANT BARE AREAS. INSPECT ESTABLISHED COVER EVERY 15 DAYS FOR DAMAGE. REPLANT AS REQUIRED. MAINTAIN ESTABLISHED COVER AT MAXIMUM 6" HEIGHT. IRRIGATE AS REQUIRED DURING DRY PERIODS TO MAINTAIN LIVE VEGETATION.

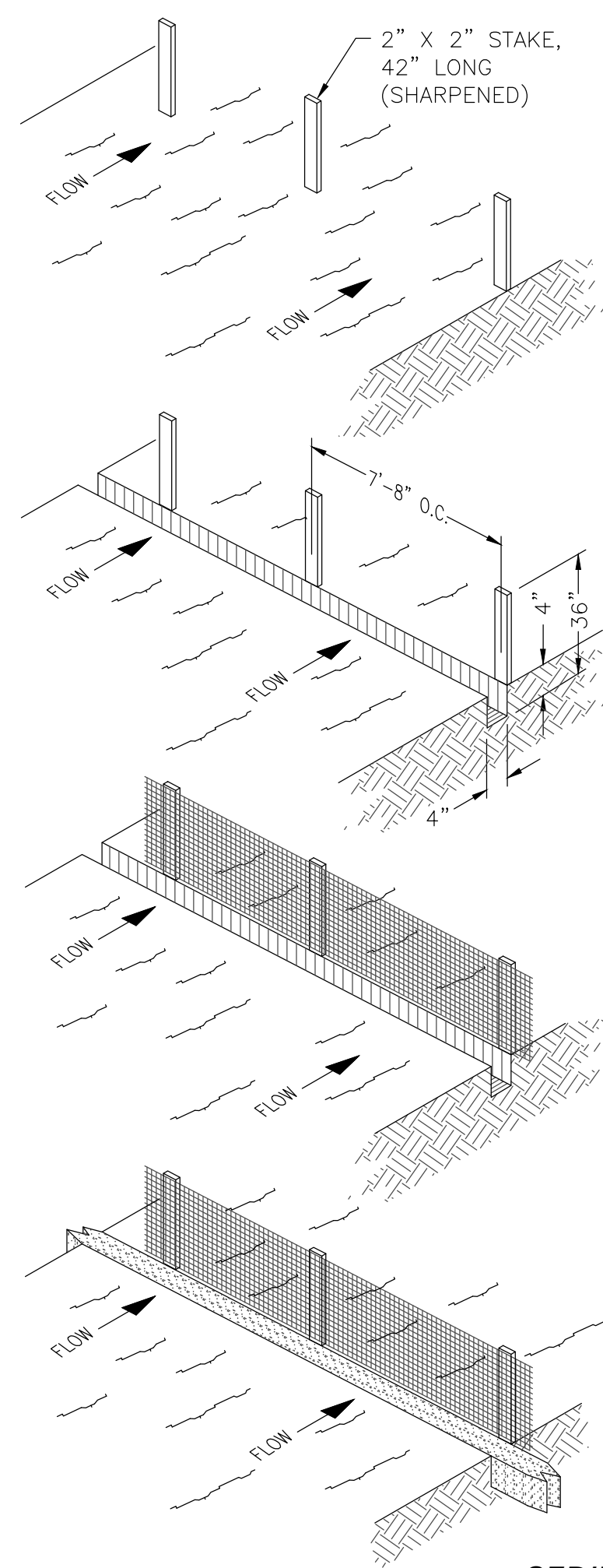
NON-SEDIMENT POLLUTANT CONTROLS: HAZARDOUS/TOXIC WASTES SHALL NOT BE DISPOSED OF ON-SITE OR DUMPED INTO SEWERS, DRAINS OR CATCH BASINS. ANY HAZARDOUS/TOXIC WASTE SHALL BE DISPOSED OF OFF-SITE AT AN APPROVED LOCATION &/OR TAKEN TO AN APPROVED RECYCLING CENTER.

CONSTRUCTION SEQUENCE:

1. THE CONTRACTOR SHALL ESTABLISH A STABILIZED CONSTRUCTION ENTRANCE.
2. THE CONTRACTOR SHALL PLACE THE REQUIRED SEDIMENT FENCE & OTHER CONTROLS PRIOR TO DENUDING.
3. THE CONTRACTOR SHALL PERFORM SITE EARTHWORK OPERATIONS IN ACCORDANCE WITH THE PLAN DETAILS & NOTES.
4. THE CONTRACTOR SHALL APPLY WATER OR DUST PALLIATIVE ON DISTURBED AREAS DURING CONSTRUCTION TO ALLEVIATE OR PREVENT DUST NUISANCE PER ITEM 616. DUST PALLIATIVE SHALL CONSIST OF CALCIUM CHLORIDE MEETING THE REQUIREMENTS OF SECTION 712.02. THE WATER OR CALCIUM CHLORIDE SHALL BE SPREAD UNIFORMLY OVER THE SURFACE OF THE DISTURBED AREAS.
5. EXPOSED SLOPES SHALL BE STABILIZED AS SOON AS THEY ARE CONSTRUCTED.
6. THE CONTRACTOR SHALL PLACE SEEDING & MULCHING AS NECESSARY TO STABILIZE ALL DENUDED AREAS. ALL DENUDED AREAS SHALL HAVE SOIL STABILIZATION, EITHER TEMPORARY OR PERMANENT, ACCORDING TO THE NOTES ON THIS SHEET.
7. THE CONTRACTOR SHALL REMOVE & DISPOSE OF THE EROSION CONTROL DEVICES ONLY AFTER ALL AREAS HAVE ESTABLISHED VEGETATIVE COVER.
8. AFTER REMOVAL OF EROSION CONTROL DEVICES, THE CONTRACTOR SHALL CLEAN INLETS & STORM PIPES OF ANY/ALL SEDIMENT INCURRED DURING CONSTRUCTION.

THE CONTRACTOR OR HIS/HER AGENT SHALL MAKE REGULAR INSPECTIONS OF ALL CONTROL MEASURES IN ACCORDANCE WITH THE INSPECTION SCHEDULE OUTLINED ON THE APPROVED EROSION & SEDIMENT CONTROL PLAN(S). THE PURPOSE OF SUCH INSPECTIONS WILL BE TO DETERMINE THE OVERALL EFFECTIVENESS OF THE CONTROL PLAN & THE NEED FOR ADDITIONAL CONTROL MEASURES. ALL INSPECTIONS SHALL BE DOCUMENTED IN WRITTEN FORM.

ALL CONSTRUCTION & DEMOLITION DEBRIS WASTE SHALL BE RECYCLED OR DISPOSED OF IN AN OHIO EPA APPROVED CONSTRUCTION & DEMOLITION DEBRIS LANDFILL AS REQUIRED BY OHIO REVISED CODE 3714.



SEDIMENT FENCE 1
NOT TO SCALE

SILT FENCE: THIS SEDIMENT BARRIER UTILIZES STANDARD STRENGTH OR EXTRA STRENGTH SYNTHETIC FILTER FABRIC & IS DESIGNED FOR SITUATIONS IN WHICH ONLY SHEET OR OVERLAND FLOWS ARE EXPECTED.

1. HEIGHT OF SILT FENCE SHALL NOT EXCEED 36". HIGHER FENCES MAY IMPOUND VOLUMES OF WATER SUFFICIENT TO CAUSE FAILURE OF THE STRUCTURE.
2. FABRIC SHALL BE PURCHASED IN A CONTINUOUS ROLL CUT TO THE LENGTH OF THE BARRIER TO AVOID THE USE OF JOINTS. WHEN JOINTS ARE NECESSARY, FABRIC SHALL BE SPLICED TOGETHER ONLY AT SUPPORT POSTS WITH A 6" (MIN.) OVERLAP & SECURELY SEALED.
3. POSTS SHALL BE SPACED AT 10' (MAX.) APART AT THE BARRIER LOCATION & DRIVEN SECURELY INTO THE GROUND 12" (MIN.). WHEN EXTRA STRENGTH FABRIC IS USED WITHOUT THE WIRE SUPPORT FENCE, POST SPACING SHALL NOT EXCEED 6'.
4. A TRENCH SHALL BE EXCAVATED APPROXIMATELY 4" WIDE & 4" DEEP ALONG THE LINE OF POSTS & UP-SLOPE FROM THE BARRIER.
5. WHEN STANDARD STRENGTH FABRIC IS USED, A WIRE MESH SUPPORT FENCE SHALL BE FASTENED SECURELY TO THE UP-SLOPE SIDE OF THE POSTS USING HEAVY DUTY WIRE STAPLES AT LEAST 1" LONG, THE WIRES OR HOG RINGS, WIRE SHALL EXTEND INTO THE TRENCH 2" (MIN.) & SHALL NOT EXTEND MORE THAN 36" ABOVE ORIGINAL GROUND SURFACE.
6. STANDARD STRENGTH FABRIC SHALL BE STAPLED OR WIRED TO THE FENCE & 8" OF THE FABRIC SHALL EXTEND INTO THE TRENCH. FABRIC SHALL NOT EXTEND MORE THAN 36" ABOVE ORIGINAL GROUND SURFACE. FABRIC SHALL NOT BE STAPLED TO EXISTING TREES.
7. WHEN EXTRA STRENGTH FABRIC & CLOSER POST SPACING ARE USED, THE WIRE MESH SUPPORT FENCE MAY BE ELIMINATED. IN SUCH CASE, FILTER FABRIC IS STAPLED OR WIRED DIRECTLY TO POSTS WITH ALL OTHER PROVISIONS OF ITEM NO. 6 APPLYING.
8. THE TRENCH SHALL BE BACKFILLED & SOIL COMPACTED OVER THE FILTER FABRIC.
9. SILT FENCES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFUL PURPOSE, BUT NOT BEFORE THE UP-SLOPE AREA HAS BEEN PERMANENTLY STABILIZED.

MAINTENANCE:

SILT FENCES & FILTER BARRIERS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL & AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY.

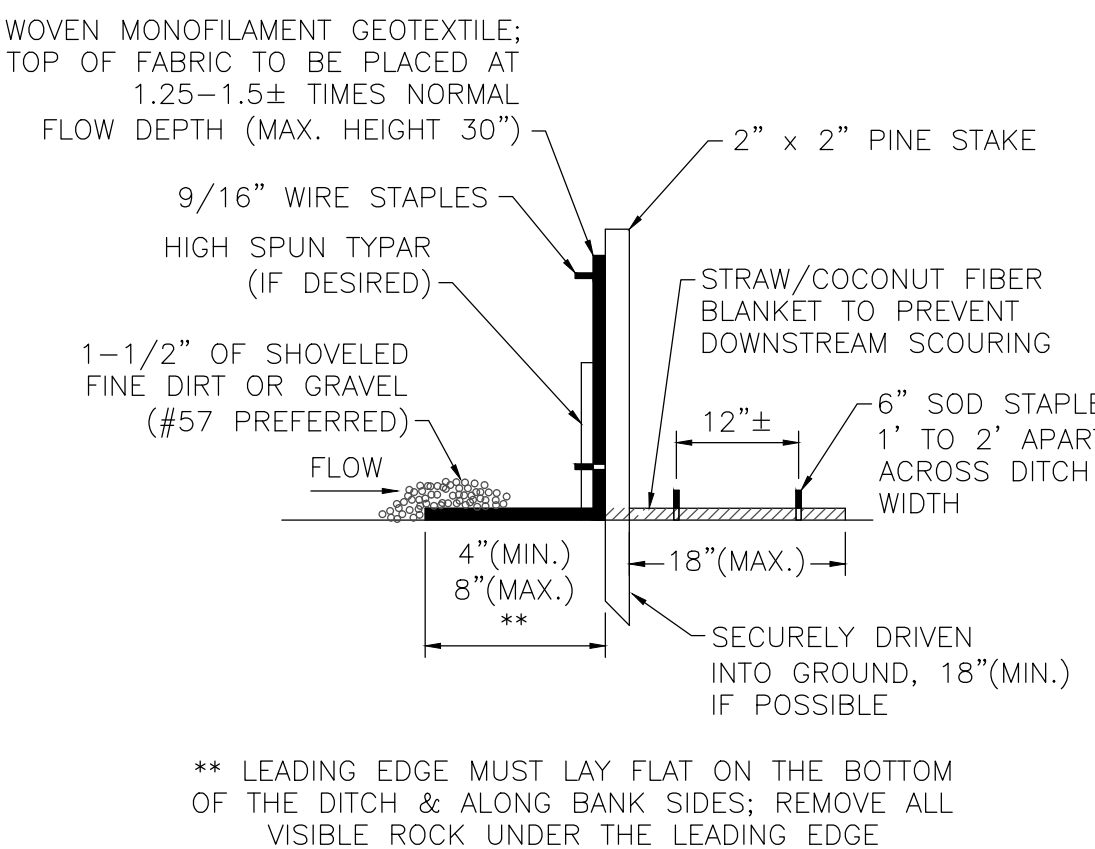
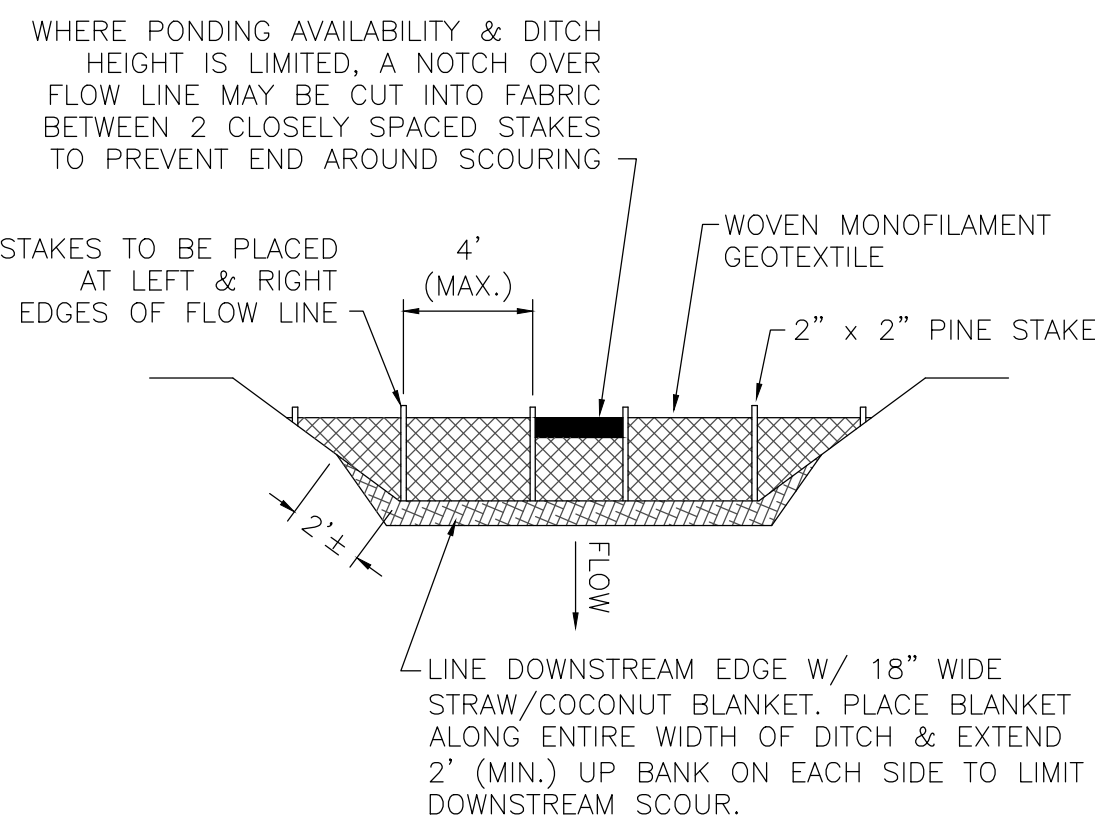
SHOULD THE FABRIC ON A SILT FENCE OR FILTER BARRIER DECOMPOSE OR BECOME INEFFECTIVE PRIOR TO THE END OF THE EXPECTED USABLE LIFE & THE BARRIER IS STILL NECESSARY, THE FABRIC SHALL BE REPLACED PROMPTLY.

SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH STORM EVENT & MUST BE REMOVED WHEN DEPOSITS REACH APPROXIMATELY ONE-HALF THE BARRIER HEIGHT.

ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE BARRIER IS NO LONGER REQUIRED SHALL BE DRESSED TO CONFORM WITH EXISTING GRADE, PREPARED & SEEDED.

DESIGN CAPACITY CHART:

MAX. DRAINAGE AREA PER 100 LF OF FENCE	RANGE OF SLOPE PER DRAINAGE AREA
0.5 AC.	<2%
0.25 AC.	≥2% BUT <20%
0.125 AC.	≥20% BUT <50%



DITCH CHECK (MODERATE FLOW) 2
NOT TO SCALE

MATERIALS GUIDE

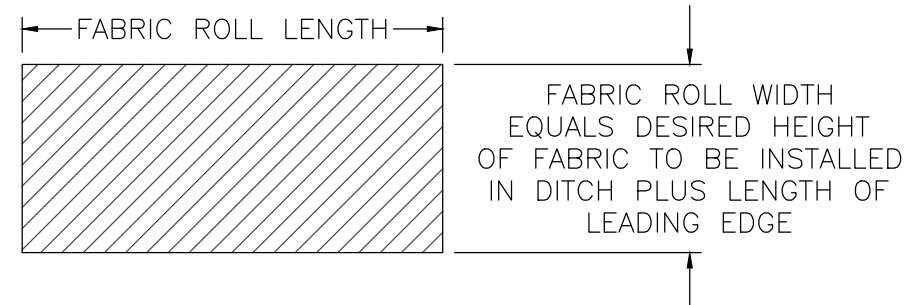
1. 2" x 2" PINE STAKES, SHARPENED.
2. WOVEN MONOFILAMENT GEOTEXTILE FABRIC (100-250 GPM/SF FLOW RATE) OR HIGH FLOW FABRIC (HIGH SPUN TYPAR FOR ADDITIONAL PONDING).
3. 9/16" WIRE STAPLES & 6" SOD STAPLES.
4. STRAW/COCONUT FIBER BLANKET.
5. #57 STONE (ODOTCMS).

INSTALLATION GUIDE

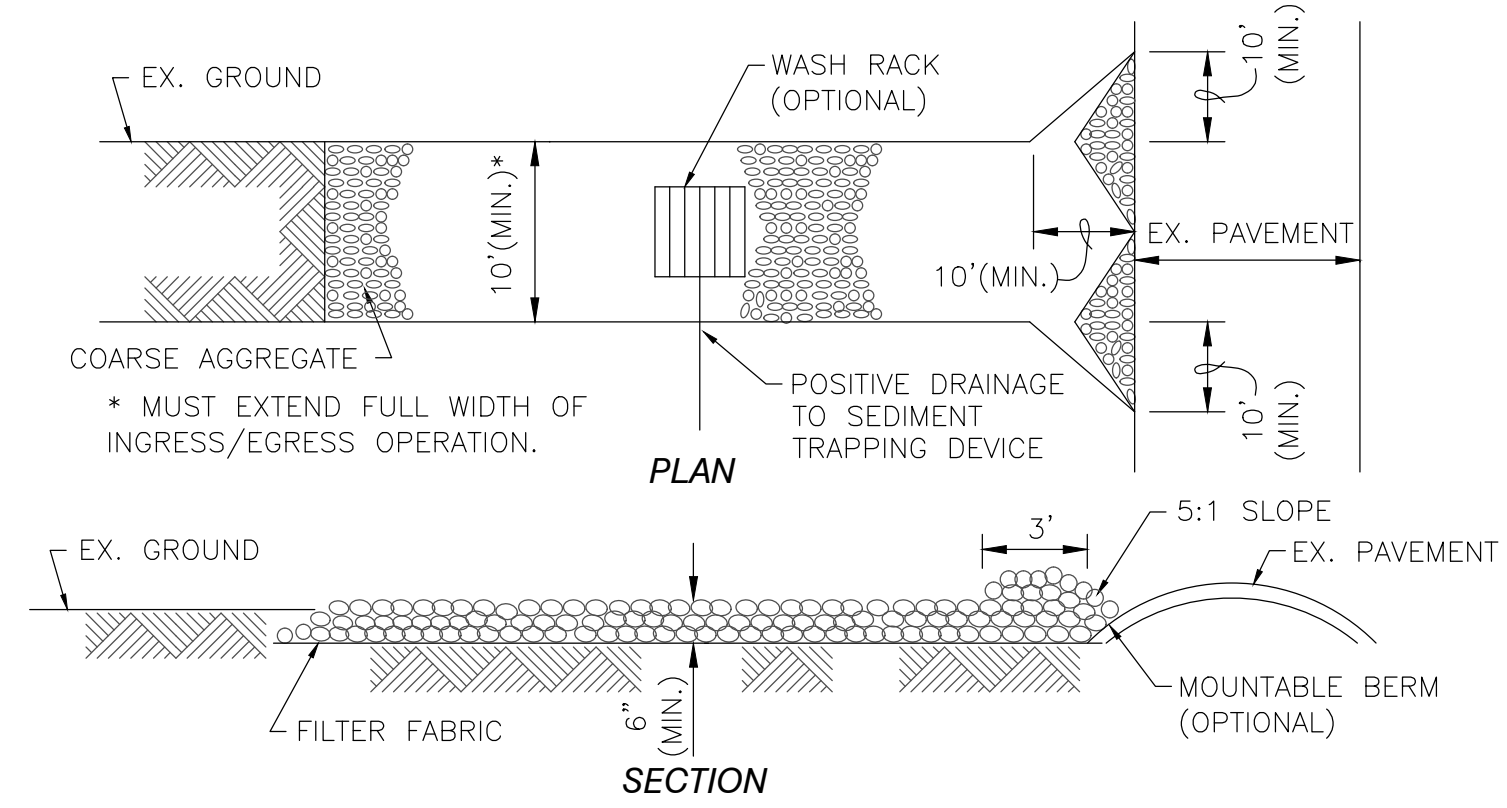
1. DETERMINE REQUIRED HEIGHT OF FABRIC – IN GENERAL, REQUIRED HEIGHT EQUALS 1.25 TO 1.5 TIMES NORMAL FLOW DEPTH OF DITCH.
2. INSTALL STAKES PER DIAGRAMS.
3. USE 4" CARPENTER'S LEVEL TO MARK STAKES AT TOP OF FABRIC LOCATION. TOP OF FABRIC TO BE LEVEL ALONG THE WIDTH OF DITCH.
4. STAPLE TOP EDGE OF FABRIC TO STAKES AT LEVEL MARKS.
5. TRIM EXCESS FABRIC TO PROVIDE A LEADING EDGE THAT LIES FLAT & FLUSH WITH DITCH BOTTOM.
6. HIGH SPUN TYPAR FABRIC MAY BE ADDED AT UPSTREAM END IF ADDITIONAL PONDING IS DESIRED OR IF SUPERFINES ARE OF CONCERN.
7. STAPLE BOTTOM OF FABRIC AT DITCH BOTTOM; CHECK TO ENSURE A TIGHT FIT.
8. SHOVEL DIRT OR GRAVEL TO COMPLETELY COVER LEADING EDGE.
9. PLACE STRAW/COCONUT FIBER AT DOWNSTREAM END. SECURE WITH SOD STAPLES. TRIM EXCESS MATERIAL SO IT LIES FLAT & FLUSH WITH DITCH BOTTOM.
10. FABRIC ROLL DIMENSIONS TO BE BASED ON INSTALLATION REQUIREMENTS – ALL EXCESS TO BE TRIMMED WITH SHARP UTILITY KNIFE OR SCISSORS.
11. ANY INSTALLATION FOLDS MUST BE CAREFULLY TRIMMED & OVERLAPPED TO AVOID WRINKLES OR UNDESIRABLE IRREGULARITIES.

MAINTENANCE GUIDE

1. AFTER FIRST RAIN, REPLACE ANY MISSING ROCK & DIRT AT LEADING EDGE.
2. INSPECT DITCH CHECKS AFTER HEAVY RAINS.
3. REMOVE SEDIMENT DEPOSITS FROM DITCH CHECKS WHEN TOP OF SEDIMENT REACHES 75% OF FABRIC HEIGHT.



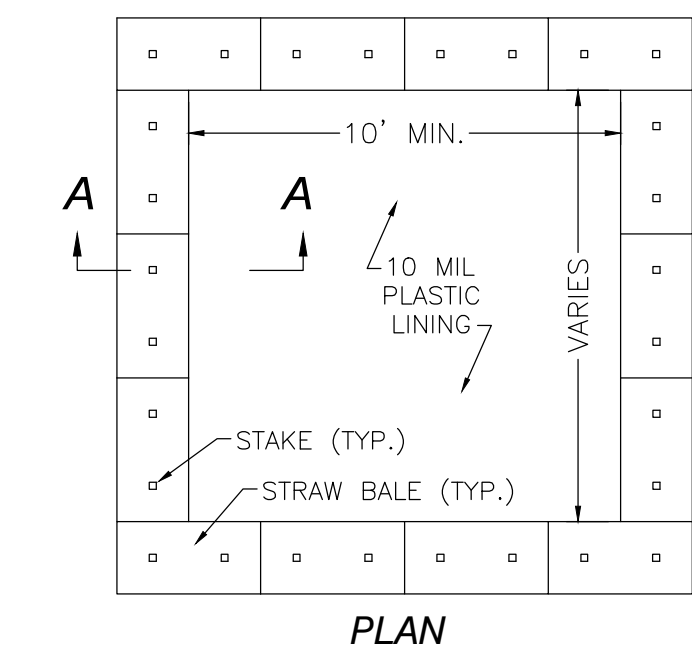
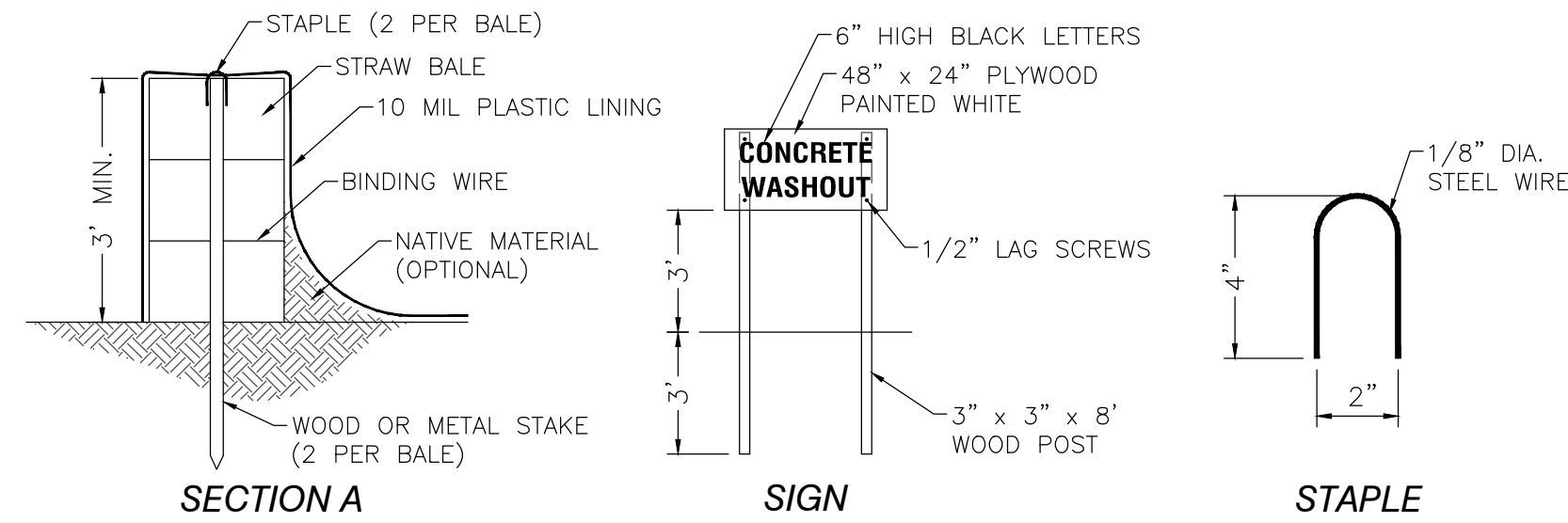
NOTE: WHERE DESIRED HEIGHT EXCEEDS FABRIC ROLL WIDTH, FABRIC TO BE OVERLAPPED BY A MINIMUM OF 12". PLACE 2" X 6" OR 4" X 4" BOARD BEHIND OVERLAP



CONSTRUCTION SPECIFICATIONS

1. STONE SIZE: USE 2" STONE OR RECLAIMED/RECYCLED CONCRETE EQUIVALENT.
2. LENGTH: AS REQUIRED.
3. THICKNESS: NOT LESS THAN 6".
4. WIDTH: 10' MIN., BUT NO LESS THAN FULL WIDTH OF INGRESS/EGRESS POINTS.
5. FILTER CLOTH: WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
6. SURFACE WATER: SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCE SHALL BE PIPED ACROSS ENTRANCE. IF PIPING IS IMPRACTICAL, MOUNTABLE BERM WITH 5:1 SLOPES IS PERMITTED.
7. MAINTENANCE: THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAY. THIS MAY REQUIRE TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND & REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHT-OF-WAY MUST BE REMOVED IMMEDIATELY.
8. WASHING: WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAYS. WASHING SHALL BE DONE ON AN AREA STABILIZED WITH STONE.
9. PERIODIC INSPECTION & NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

TEMPORARY CONSTRUCTION ENTRANCE 3
NOT TO SCALE



CONCRETE WASHOUT AREA 4
NOT TO SCALE

NOTES:

- ACTUAL LOCATION & LAYOUT SHALL BE DETERMINED IN THE FIELD.
- PIT CAN BE DUG INTO THE GROUND OR FORMED ABOVE GRADE.
- PLASTIC LINING SHALL BE MAINTAINED FREE OF TEARS OR HOLES.
- AFTER THE PIT IS USED & WASHWATER HAS EVAPORATED OR BEEN VACUUMED OFF, THE REMAINING HARDENED SOLIDS CAN BE BROKEN UP & REMOVED FROM THE PIT.
- IF DAMAGE OCCURS TO THE STRAW BALES OR PLASTIC LINING DURING THE REMOVAL OF SOLIDS, THE PIT SHALL BE REPAIRED & RELINED WITH NEW PLASTIC TO ACHIEVE A LEAK-PROOF SYSTEM.
- A PRE-FABRICATED PORTABLE VINYL WASHOUT CONTAINER WITH FILTER BAG OR METAL WASHOUT CONTAINER SERVICE MAY BE USED AS SUBSTITUTES FOR THE STRAW BALE & PLASTIC LINER PIT.



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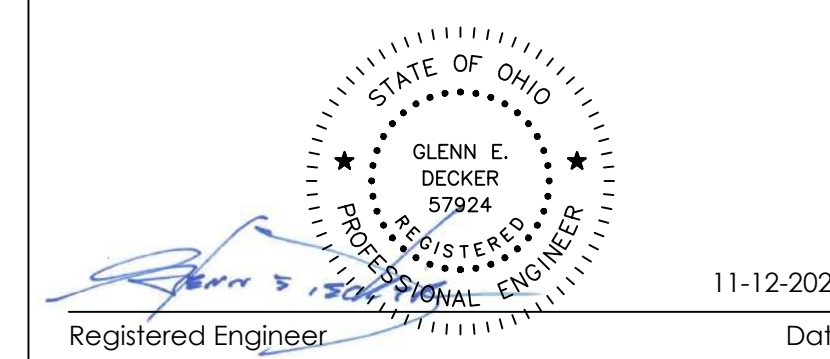
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DOT-200023
ODOT - EATON
OUTPOST

5656 US-127 Eaton, Ohio 45320

MARK	DATE	DESCRIPTION
1	12/17/21	REVISION 1 PERMIT / BID SET
-	12/10/21	BID SET
-	11/12/21	PERMIT SET

PROJECT NO: **DOT-200023**
DATE: **12/10/21**
DRAWN BY: **LLA**

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SHEET TITLE

STORM WATER
POLLUTION PREVENTION
NOTES & DETAILS

C401

SD PROJECT NO. 4250

APPROVED PLANS: THE CIVIL/SITE DRAWINGS PREPARED BY SANDS DECKER FOR THIS PROJECT ARE NOT FOR CONSTRUCTION UNLESS AND UNTIL ALL APPLICABLE APPROVALS HAVE BEEN SECURED AND THE DRAWINGS ARE ISSUED FOR CONSTRUCTION. LAYOUT, FABRICATION OF MATERIALS, CONSTRUCTION, OR ANY CONSTRUCTION-RELATED ACTIVITIES ASSOCIATED WITH THESE DRAWINGS IS NOT TO PROCEED UNLESS EACH SHEET INCLUDES THE ISSUED FOR CONSTRUCTION LABEL.

GENERAL: THE CURRENT STATE OF OHIO, DEPARTMENT OF TRANSPORTATION CONSTRUCTION & MATERIAL SPECIFICATIONS (ODOTMS) TOGETHER WITH THE REQUIREMENTS OF PREBLE COUNTY, OHIO, INCLUDING ALL SUPPLEMENTS THERETO, IN FORCE ON THE DATE OF CONTRACT, SHALL GOVERN ALL MATERIALS & WORKMANSHIP INVOLVED IN THE IMPROVEMENTS SHOWN ON THESE PLANS. WHEN THERE IS OR APPEARS TO BE A CONFLICT BETWEEN THE ABOVE REFERENCED SPECIFICATIONS & THESE PLANS, THE MOST STRINGENT REQUIREMENT SHALL GOVERN. UNLESS OTHERWISE SPECIFIED, ALL ITEM NUMBERS REFER TO ODOTMS.

PROJECT LIMITS: THE CONTRACTOR SHALL CONFINE HIS ACTIVITIES TO THE PROJECT SITE UNDER DEVELOPMENT, THE EXISTING RIGHTS-OF-WAY, CONSTRUCTION EASEMENTS & PERMANENT EASEMENTS, & SHALL NOT TRESPASS UPON PRIVATE PROPERTY WITHOUT WRITTEN CONSENT OF THE PROPERTY OWNER.

PROTECTION OF SURVEY MONUMENTS: THE CONTRACTOR SHALL CAREFULLY PRESERVE BENCHMARKS, PROPERTY CORNERS, REFERENCE POINTS, & ANY OTHER SURVEY MONUMENTS OR MARKERS. IF THE ACTIONS OF THE CONTRACTOR, HIS EMPLOYEES, OR HIS SUB-CONTRACTORS RESULT IN DESTRUCTION OF OR DAMAGE TO ANY OF THE ABOVE ITEMS, THOSE ITEMS SHALL BE ACCURATELY RESTORED, AT THE CONTRACTOR'S EXPENSE, BY A LICENSED SURVEYOR REGISTERED IN THE STATE OF OHIO.

MISCELLANEOUS WORK: ALL ITEMS OF WORK CALLED FOR ON THE PLANS FOR WHICH NO SPECIFIC METHOD OF PAYMENT IS PROVIDED SHALL BE PERFORMED BY THE CONTRACTOR & THE COST OF SAME SHALL BE INCLUDED IN THE PRICE BID FOR THE VARIOUS RELATED ITEMS.

PERMITS: THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS UNLESS OTHERWISE INDICATED IN THESE DOCUMENTS.

TRAFFIC CONTROL: THE CONTRACTOR SHALL USE ADEQUATE LIGHTS, SIGNS, FLAGGERS, & BARRICADES AS REQUIRED IN ITEM 614 TO SAFEGUARD THE TRAVELING PUBLIC AT ALL TIMES. ALL TRENCHES SHALL BE BACKFILLED OR SECURELY PLATED DURING NON-WORKING HOURS. WHERE IT IS ANTICIPATED THAT WORK WILL CLOSE A ROAD OR STREET, THE CONTRACTOR SHALL INFORM THE RESIDENTS TO BE AFFECTED, THE LOCAL LAW ENFORCEMENT AGENCY, THE LOCAL FIRE DEPARTMENT, & THE ENGINEER AS TO THE EXTENT, NATURE, & THE TIME OF THE ANTICIPATED WORK. THE CONTRACTOR SHALL SUBMIT A PLAN & SCHEDULE FOR DETOURING TRAFFIC 10 DAYS PRIOR TO THE CLOSING OF ANY ROAD OR STREET TO THE ENGINEER & ROAD OWNER. DURING A CLOSING OF A ROAD OR STREET, THE CONTRACTOR SHALL PROVIDE ACCESS TO PROPERTIES FOR EMERGENCY VEHICLES & THE PROPERTY OWNERS. NO ROAD OR STREET SHALL BE CLOSED UNTIL THE SCHEDULE IS APPROVED BY THE AGENCY HAVING CONTROL OF THE ROAD.

SAFETY OF CONSTRUCTION: THE CONTRACTOR SHALL COMPLY WITH THE FEDERAL OCCUPATIONAL SAFETY & HEALTH ACT OF 1970 (OSHA) & ALL OTHER APPLICABLE FEDERAL, STATE, & LOCAL LAWS, REGULATIONS, FINDINGS & ORDERS RELATING TO SAFETY & HEALTH CONDITIONS ON THE WORK SITE. CONSTRUCTION METHODS FOR COMPLETING THE WORK DESCRIBED IN THESE CONTRACT DOCUMENTS SHALL BE CONSISTENT WITH THE OCCUPATIONAL SAFETY & HEALTH ADMINISTRATION (OSHA) AMENDED CONSTRUCTION STANDARDS FOR EXCAVATIONS, 29 CFR PART 1926, SUB-PART P, EFFECTIVE MARCH 5, 1990.

EROSION & SEDIMENT CONTROL: PROJECTS DISTURBING LESS THAN ONE ACRE & NOT PART OF A LARGER COMMON PLAN OF DEVELOPMENT ARE NOT REQUIRED TO SUBMIT A NOTICE OF INTENT (NOI) TO THE OHIO EPA FOR COVERAGE UNDER THEIR GENERAL CONSTRUCTION STORM WATER PERMIT & ARE NOT REQUIRED TO MAINTAIN A STORM WATER POLLUTION PREVENTION PLAN (SWP3) ON SITE. THE CONTRACTOR SHALL, HOWEVER, INSTALL & MAINTAIN SILT FENCES, DITCH CHECKS, TEMPORARY SEEDING, & OTHER MEASURES AS NECESSARY TO CONTROL SOIL EROSION & PREVENT SEDIMENT-LADEN RUN-OFF FROM EXITING THE SITE OR ENTERING STORM SEWER SYSTEMS OR DRAINAGE WAYS.

BORROW MATERIAL & SURPLUS EXCAVATION: THE SITE SHALL BE CONSTRUCTED TO THE FINAL GRADES SHOWN ON THE PLANS. WHERE NECESSARY, THE CONTRACTOR SHALL OBTAIN SUITABLE BORROW MATERIAL ON-SITE OR OFF-SITE AS NEEDED TO COMPLETE THE SITE CONSTRUCTION AS DESCRIBED HEREIN. THE CONTRACTOR SHALL DISPOSE OF ALL SURPLUS EXCAVATION ON SITE &, IF NECESSARY, SHALL HAUL SURPLUS EXCAVATED MATERIAL AWAY FROM THE SITE & DISPOSE OF PROPERLY.

EXISTING UTILITIES: THE INFORMATION SHOWN CONCERNING EXISTING UTILITIES IS APPROXIMATE. THE LOCATION, SIZES, & OTHER INFORMATION SHOWN IS ONLY AS ACCURATE AS THAT PROVIDED BY THE OWNERS OF THE UTILITY. THIS INFORMATION IS NOT REPRESENTED, WARRANTED OR GUARANTEED TO BE COMPLETE OR ACCURATE. THE ENGINEER DOES NOT INDEPENDENTLY VERIFY NOR FIELD LOCATE UTILITIES. THE CONTRACTOR IS RESPONSIBLE TO PHYSICALLY LOCATE & VERIFY, IN THE FIELD, THE HORIZONTAL & VERTICAL LOCATIONS OF ALL EXISTING UTILITIES, WHETHER SHOWN ON THE PLANS OR NOT, PRIOR TO THE BEGINNING OF CONSTRUCTION. THE CONTRACTOR SHALL SUPPORT, PROTECT & RESTORE ALL EXISTING UTILITIES & THEIR ASSOCIATED ITEMS. THE CONTRACTOR SHALL ADHERE TO ALL APPLICABLE SECTIONS OF THE OHIO REVISED CODE INCLUDING SECTIONS 153.64 & 3781.28. THE CONTRACTOR SHALL NOTIFY THE REGISTERED UTILITY PROTECTION SERVICE & ALL UTILITY OWNERS HAVING FACILITIES IN THE CONSTRUCTION AREA WHO ARE NOT MEMBERS OF A REGISTERED UNDERGROUND UTILITY PROTECTION SERVICE. THE CONTRACTOR SHALL GIVE NOTIFICATION AS REQUIRED BY OHIO

REVISED CODE, AT LEAST TWO (2) & NOT MORE THAN TEN (10) WORKING DAYS PRIOR TO COMMENCING CONSTRUCTION OPERATIONS, EXCLUDING SATURDAYS, SUNDAYS, & LEGAL HOLIDAYS, & SHALL COORDINATE HIS WORK WITH THE UTILITY OWNERS UNTIL HIS WORK IS COMPLETED. THE CONTRACTOR SHALL KEEP THE UTILITY OWNERS APPRISED OF HIS SCHEDULE & REQUIREMENTS & SHALL PROVIDE THE PROJECT OWNER WITH EVIDENCE OF HAVING NOTIFIED THE UTILITIES & PROVIDED THEM WITH HIS WORK SCHEDULE PRIOR TO BEGINNING ANY WORK.

THE CONTRACTOR MAY REVIEW THE INFORMATION PROVIDED TO THE ENGINEER BY THE UTILITY OWNERS AT THE ENGINEER'S OFFICE PRIOR TO SUBMITTING A BID. CONTRACTORS REQUIRING MORE INFORMATION REGARDING EXISTING UTILITIES SHOULD CONDUCT THEIR OWN FIELD INVESTIGATIONS OR OTHERWISE LOCATE THE UTILITIES PRIOR TO SUBMITTING A BID FOR THE CONSTRUCTION. SEE EXISTING SITE SURVEY FOR A LISTING OF UTILITIES THAT MAY HAVE UNDERGROUND FACILITIES IN THE PROJECT AREA.

DRAINAGE TILE: ALL FARM DRAINS, ROADWAY DRAINS, & OTHER DRAINAGE TILE WHICH ARE ENCOUNTERED WITHIN THE CONSTRUCTION LIMITS DURING CONSTRUCTION SHALL BE PROVIDED WITH AN UNOBSTRUCTED OUTLET. EXISTING COLLECTOR TILES WHICH ARE LOCATED BELOW THE PROPOSED FINISHED ELEVATION & WHICH CROSS THE TRENCH SHALL BE REPLACED WITHIN THE TRENCH LIMITS BY ITEM 611 CONDUIT. THE LOCATION, TYPE, SIZE, & GRADE OF THE REQUIRED REPLACEMENT SHALL BE DETERMINED BY THE PROJECT ENGINEER OR HIS SITE REPRESENTATIVE DURING CONSTRUCTION. NECESSARY BENDS OR FITTINGS, COMPACTED GRANULAR BACKFILL, & ASSOCIATED ITEMS SHALL BE INCLUDED IN THE BID PRICE.

TEMPORARY PAVEMENT: TEMPORARY PAVEMENT REPLACEMENT SHALL BE PROVIDED ON PERMANENT PAVEMENT DAMAGED OR REMOVED BY THE CONTRACTOR IN THE PERFORMANCE OF THE WORK. AS SOON AS THE TRENCH HAS BEEN BACKFILLED, TEMPORARY PAVEMENT SHALL BE INSTALLED. THE ENGINEER MAY REQUIRE THAT ALL MATERIALS & EQUIPMENT INCIDENTAL TO PROVIDING THE TEMPORARY PAVEMENT BE ON THE JOB SITE PRIOR TO REMOVING THE EXISTING PAVEMENT. TEMPORARY PAVEMENT SHALL CONSIST OF 2" OF BITUMINOUS COLD MIX PLACED UPON 6" OF COMPACTED ITEM 304, AGGREGATE BASE. TEMPORARY PAVEMENT SHALL BE MAINTAINED BY THE CONTRACTOR UNTIL PERMANENT PAVEMENT IS INSTALLED.

PERMANENT PAVEMENT: WHERE DAMAGED OR REMOVED, THE PAVEMENT SHALL BE REPLACED BY FIRST REMOVING TEMPORARY PAVEMENT DOWN TO CLEAN GRANULAR MATERIAL & REMOVING EXISTING PAVEMENT FOR AT LEAST 12" BEYOND THE TRENCH LIMITS ON EACH SIDE. PAVEMENT TO BE REMOVED SHALL BE NEATLY SAWS NOT MORE THAN 72 HOURS PRIOR TO THE PLACING OF PERMANENT PAVEMENT MATERIALS. PERMANENT PAVEMENT REPLACEMENT MATERIALS & WORKMANSHIP SHALL BE AS SHOWN ON THE CONSTRUCTION DRAWINGS. ITEM 407, TACK COAT, SHALL BE APPLIED TO THE EXPOSED EXISTING PAVEMENT EDGES WHEN EITHER THE EXISTING OR NEW PAVEMENT IS BITUMINOUS MATERIAL. WHEN THE PERMANENT PAVEMENT IS BITUMINOUS MATERIAL, ITEM 407, TACK COAT SHALL BE APPLIED TO BITUMINOUS OR CONCRETE BASE MATERIAL PRIOR TO THE PLACING OF THE PERMANENT PAVEMENT.

NEW PAVEMENT DESIGN: A GEOTECHNICAL REPORT WITH PAVEMENT DESIGN RECOMMENDATIONS WAS NOT PROVIDED FOR THIS PROJECT. PAVEMENT DETAILS SHOWN HEREIN ARE BASED ON GENERALLY ACCEPTED ENGINEERING STANDARDS. SANDS DECKER CPS, LLC PROVIDES NO GUARANTEE AND ASSUMES NO LIABILITY FOR THE USEFUL LIFE AND/OR PERFORMANCE OF SAID DESIGN RECOMMENDATIONS.

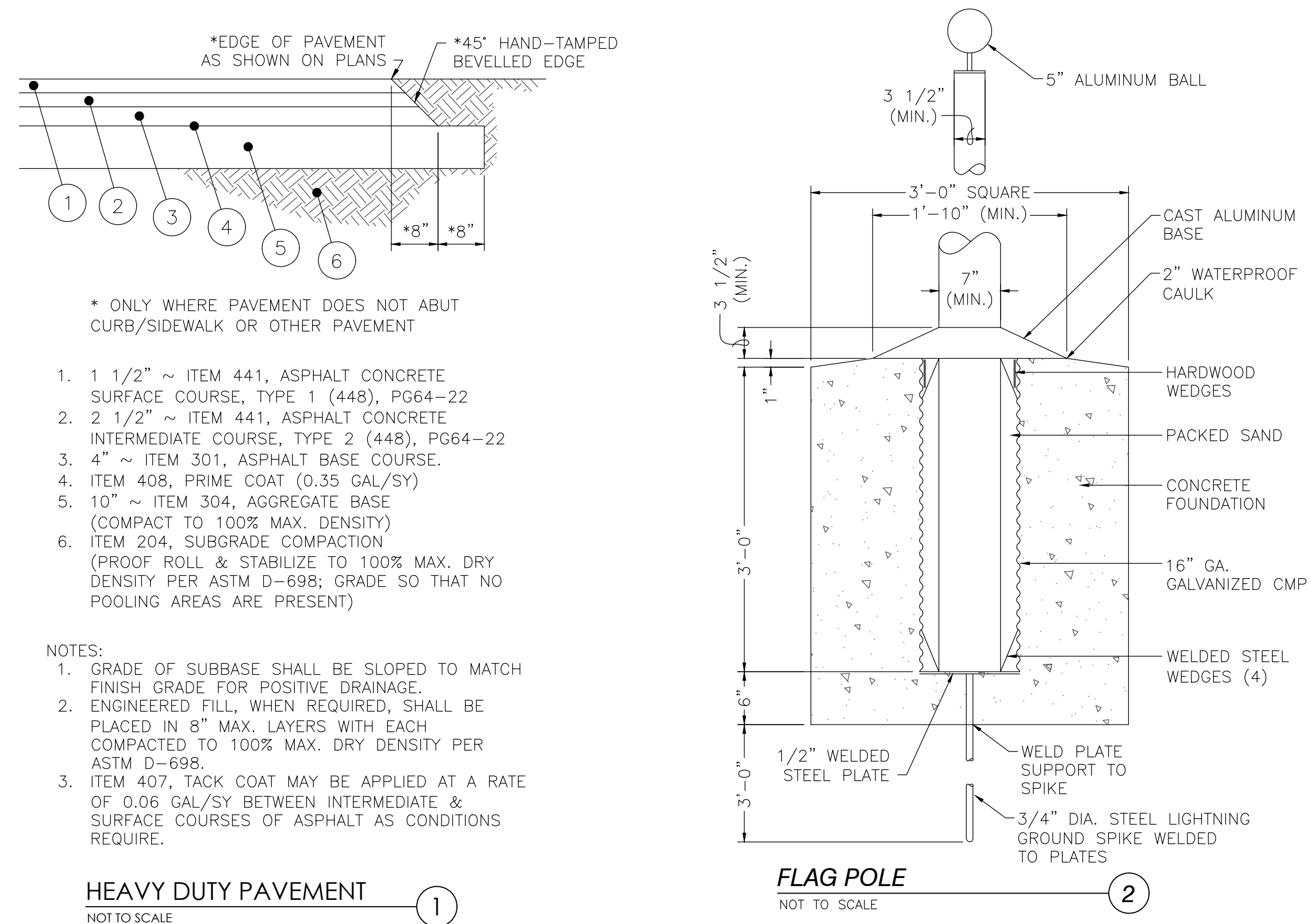
INSTALLATION IN EMBANKMENT: WHERE UTILITIES ARE TO BE INSTALLED IN EMBANKMENT AREAS, THE EMBANKMENT SHALL BE PLACED & COMPACTED IN ACCORDANCE WITH THE SPECIFICATIONS, A MINIMUM OF 2' ABOVE THE PIPE BUT SUFFICIENTLY ABOVE THE PIPE TO PROTECT THE PIPE FROM DAMAGE DUE TO FURTHER CONSTRUCTION ACTIVITIES PRIOR TO THE INSTALLATION OF THE UTILITY.

CONFLICTS IN GRADE: IN ALL CONFLICTS IN GRADE BETWEEN THE WATER LINES OR WATER SERVICES & OTHER EXISTING UTILITIES, THE WATER LINE/SERVICE LINE SHALL BE LOWERED DURING CONSTRUCTION. A MINIMUM 18" VERTICAL & 10' HORIZONTAL CLEARANCE SHALL BE MAINTAINED BETWEEN THE WATER LINE & ANY SANITARY OR STORM SEWER; 12" MINIMUM VERTICAL CLEARANCE FOR OTHER UTILITIES. THE CONTRACTOR SHALL VERIFY LOCATIONS OF EXISTING UTILITIES AHEAD OF HIS CONSTRUCTION OPERATIONS TO ALLOW FOR ADJUSTMENTS IN GRADE TO THE WATER LINE THAT MAY BE REQUIRED AS A RESULT OF POTENTIAL CONFLICTS WITH AN EXISTING UTILITY. NO ADDITIONAL COMPENSATION WILL BE MADE TO THE CONTRACTOR FOR LOWERING THE WATER LINE TO AVOID CONFLICTS WITH EXISTING UTILITIES.

EXISTING DITCHES: WHERE IT BECOMES NECESSARY TO LOCATE A MAIN LINE VALVE, FIRE HYDRANT OR MANHOLE IN AN EXISTING DITCH, THE CONTRACTOR SHALL RELOCATE THE DITCH BEHIND THE PROPOSED VALVE, HYDRANT OR MANHOLE.

MANHOLE TOPS: WHERE MANHOLES ARE LOCATED WITHIN PUBLIC OR PRIVATE PAVEMENT, SIDEWALK, CONCRETE PAD OR PAVED SHOULDER, THE TOPS SHALL BE BUILT TO EXISTING PAVEMENT ELEVATIONS. ELSEWHERE MANHOLES SHALL BE BUILT OR SUBSEQUENTLY ADJUSTED TO PROVIDE POSITIVE DRAINAGE AWAY FROM THE MANHOLE. THE COST OF ADJUSTMENT IS TO BE INCLUDED IN THE PRICE BID FOR THE MANHOLE.

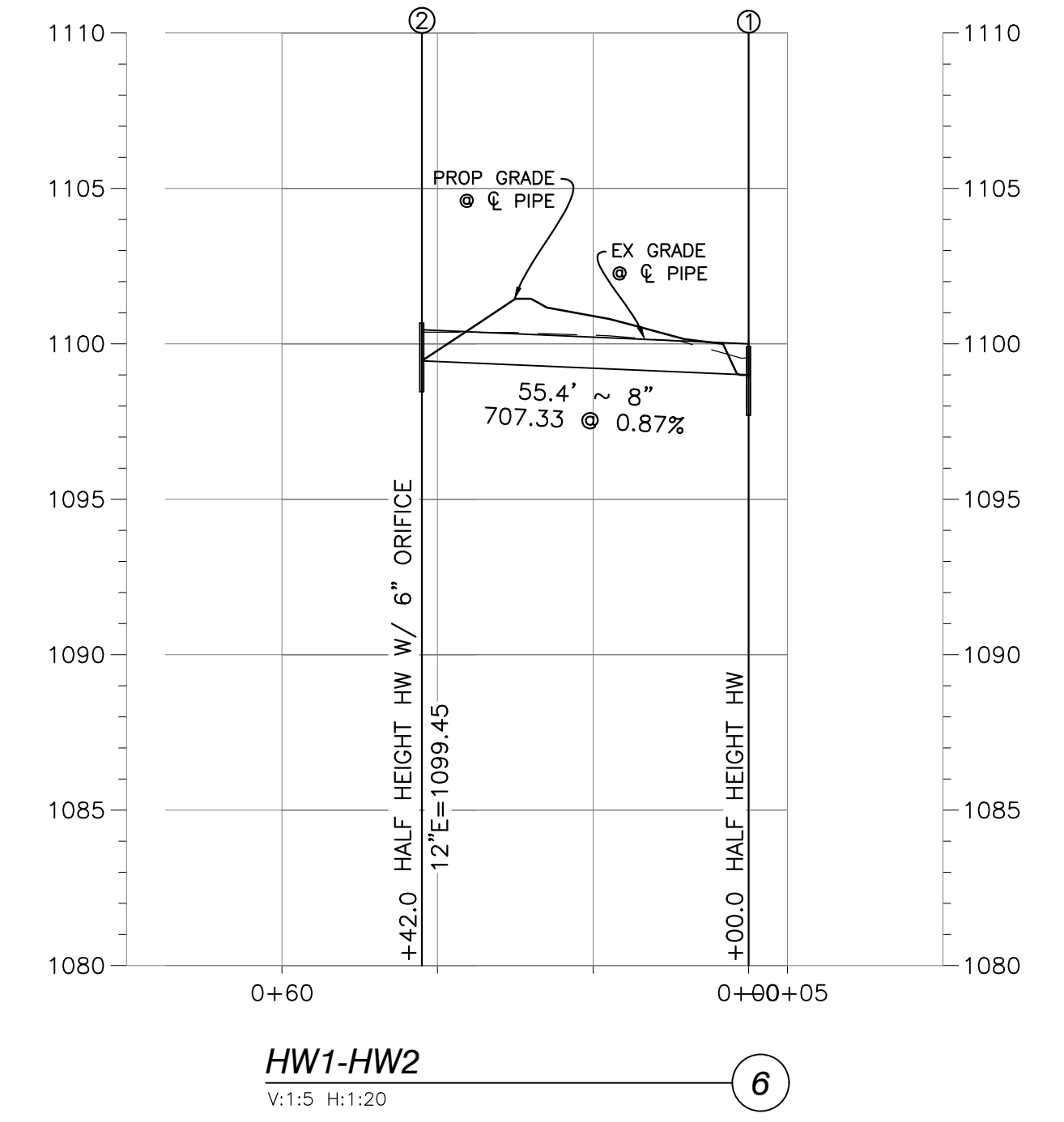
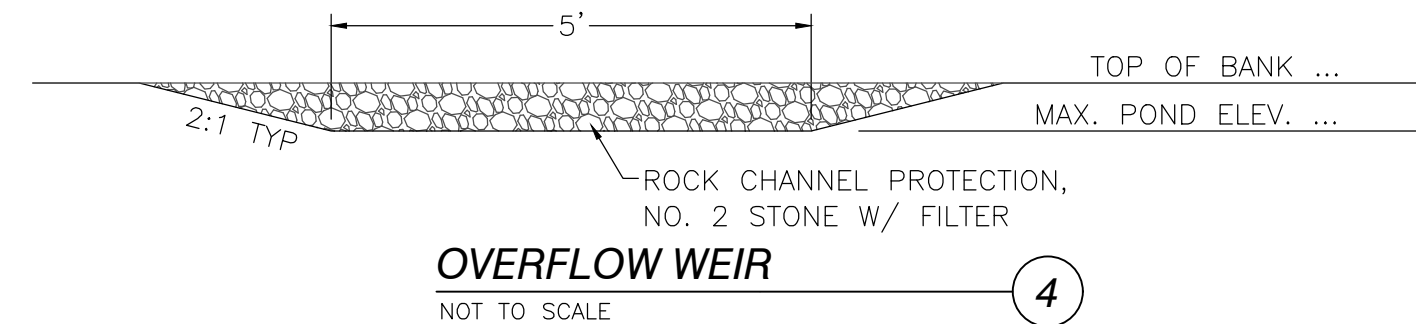
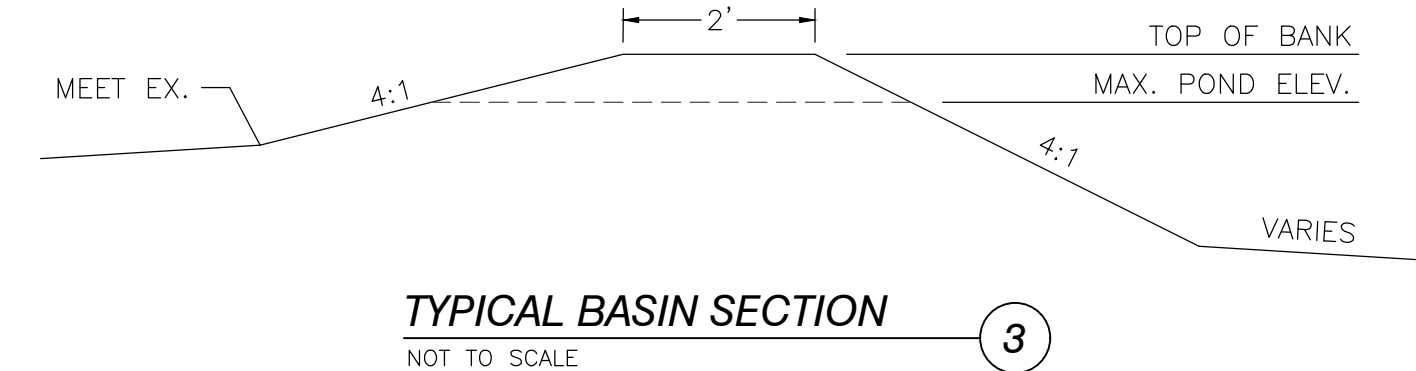
FINAL GRADING & CLEAN-UP: THE CONTRACTOR SHALL CLEAN UP ALL DEBRIS & MATERIALS RESULTING FROM HIS OPERATION & RESTORE ALL SURFACES, STRUCTURES, DITCHES, SIGNS, MAILBOXES, FENCES, GUARDRAILS, OR OTHER PHYSICAL FEATURES OR PROPERTY DISTURBED OR DAMAGED DURING WORK UNDER THIS CONTRACT TO THEIR ORIGINAL CONDITION TO THE SATISFACTION OF THE ENGINEER. THE COST OF ALL SUCH WORK SHALL BE INCLUDED WITH THE VARIOUS RELATED ITEMS.



* ONLY WHERE PAVEMENT DOES NOT ABUT CURB/SIDEWALK OR OTHER PAVEMENT

- 1 1/2" ~ ITEM 441, ASPHALT CONCRETE SURFACE COURSE, TYPE 1 (448), PG64-22
- 1 1/2" ~ ITEM 441, ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2 (448), PG64-22
- 4" ~ ITEM 301, ASPHALT BASE COURSE.
- ITEM 408, PRIME COAT (0.35 GAL/SY)
- 10" ~ ITEM 304, AGGREGATE BASE (COMPACT TO 100% MAX. DENSITY)
- ITEM 204, SUBGRADE COMPACTION (PROOF ROLL & STABILIZE TO 100% MAX. DRY DENSITY PER ASTM D-698; GRADE SO THAT NO POOLING AREAS ARE PRESENT)

- NOTES:
- GRADE OF SUBBASE SHALL BE SLOPED TO MATCH FINISH GRADE FOR POSITIVE DRAINAGE.
 - ENGINEERED FILL, WHEN REQUIRED, SHALL BE PLACED IN 8" MAX. LAYERS WITH EACH COMPACTED TO 100% MAX. DRY DENSITY PER ASTM D-698.
 - ITEM 407, TACK COAT MAY BE APPLIED AT A RATE OF 0.06 GAL/SY BETWEEN INTERMEDIATE & SURFACE COURSES OF ASPHALT AS CONDITIONS REQUIRE.



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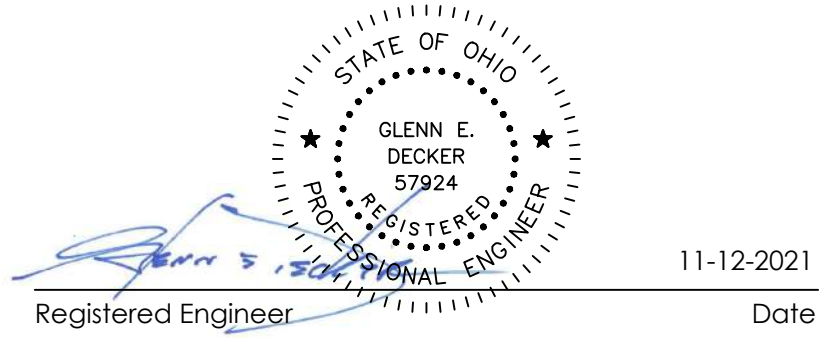
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SHEET TITLE
GENERAL NOTES & SITE DETAILS

C500

SD PROJECT NO. 4250

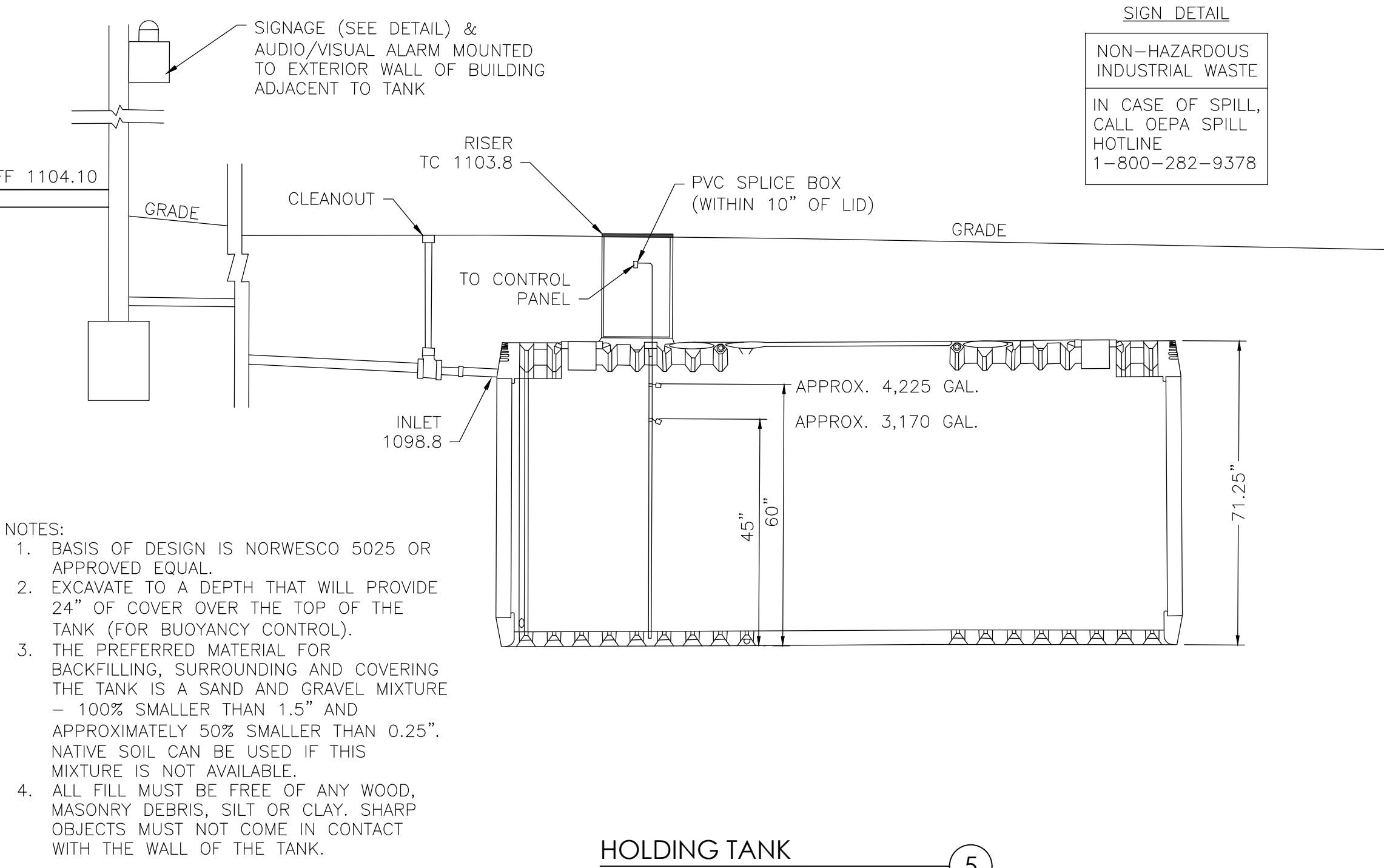
S:\Jerome Scott 4250 Eaton 0007 Outpost\Outpost\0007 Eaton Outpost 4250 MASTER.dwg 12/10/2021 2:32 PM



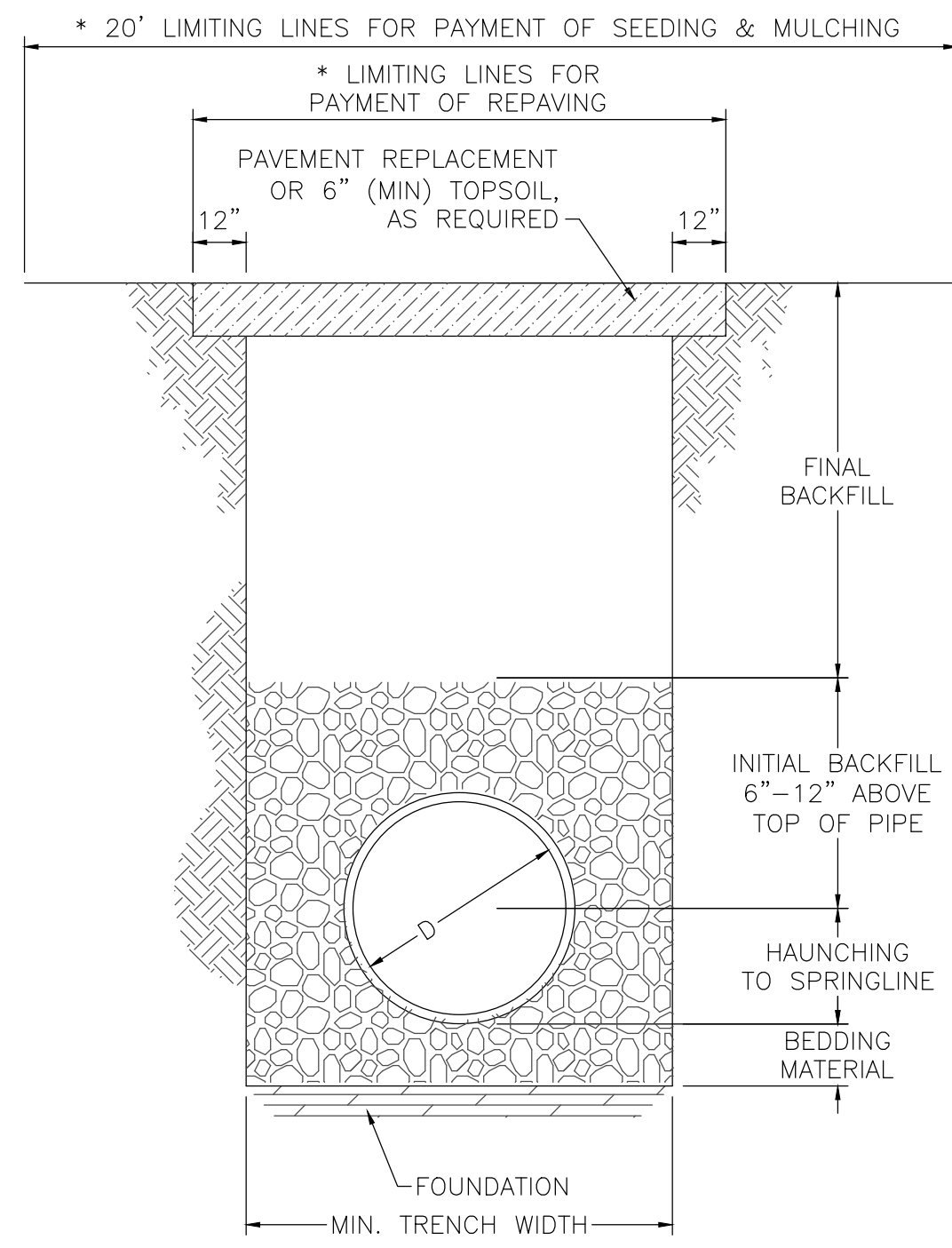
SIGN DETAIL

NON-HAZARDOUS INDUSTRIAL WASTE

IN CASE OF SPILL, CALL OEPA SPILL HOTLINE
1-800-282-9378



- NOTES:
- BASIS OF DESIGN IS NORWESCO 5025 OR APPROVED EQUAL.
 - EXCAVATE TO A DEPTH THAT WILL PROVIDE 24" OF COVER OVER THE TOP OF THE TANK (FOR BUOYANCY CONTROL).
 - THE PREFERRED MATERIAL FOR BACKFILLING, SURROUNDING AND COVERING THE TANK IS A SAND AND GRAVEL MIXTURE - 100% SMALLER THAN 1.5" AND APPROXIMATELY 50% SMALLER THAN 0.25". NATIVE SOIL CAN BE USED IF THIS MIXTURE IS NOT AVAILABLE.
 - ALL FILL MUST BE FREE OF ANY WOOD, MASONRY DEBRIS, SILT OR CLAY. SHARP OBJECTS MUST NOT COME IN CONTACT WITH THE WALL OF THE TANK.



* LIMITING LINES FOR PAYMENT APPLY ONLY WHEN CONTRACT PROVIDES FOR UNIT PRICE PAYMENT OF PAVEMENT REPLACEMENT AND SEEDING & MULCHING.

TYP. TRENCH CORRUGATED PE PIPE
NOT TO SCALE

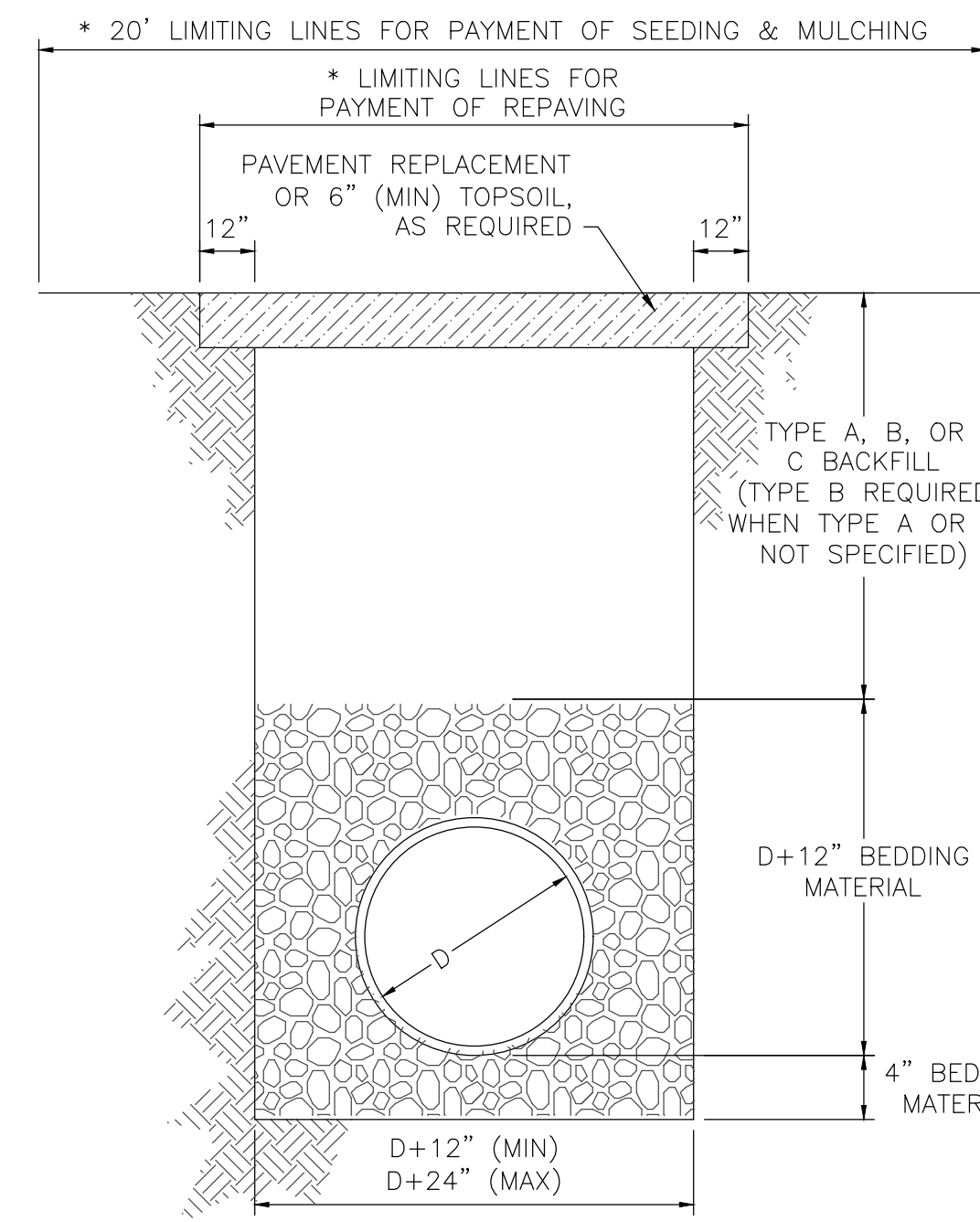
- NOTES (DETAIL 1):
- FOUNDATION: WHERE TRENCH BOTTOM IS UNSTABLE, CONTRACTOR SHALL EXCAVATE TO A DEPTH REQUIRED BY THE ENGINEER & REPLACE WITH A FOUNDATION OF CLASS I OR II MATERIAL AS DEFINED IN ASTM D2321, "STANDARD PRACTICE FOR INSTALLATION OF THERMOPLASTIC PIPE FOR SEWER & OTHER GRAVITY-FLOW APPLICATIONS", LATEST EDITION, AS AN ALTERNATIVE & AT THE DISCRETION OF THE ENGINEER, TRENCH BOTTOM MAY BE STABILIZED USING WOVEN GEOTEXTILE FABRIC.
 - BEDDING: SUITABLE MATERIAL SHALL BE CLASS I, II OR III, & INSTALLED AS REQUIRED IN ASTM D2321, LATEST EDITION. UNLESS OTHERWISE SPECIFIED BY THE ENGINEER, MIN. BEDDING THICKNESS SHALL BE 4" FOR 4"-24" & 42"-48" PIPE & 6" FOR 30"-36" PIPE.
 - HAUNCHING & INITIAL BACKFILL: SUITABLE MATERIAL SHALL BE CLASS I, II OR III, & INSTALLED AS REQUIRED IN ASTM D2321, LATEST EDITION.
 - UNLESS OTHERWISE SPECIFIED BY THE ENGINEER, MIN. RECOMMENDED TRENCH WIDTHS SHALL BE AS FOLLOWS:

NOMINAL ϕ	MIN. WIDTH
4"	21"
6"	23"
8"	25"
10"	28"
12"	31"
15"	34"
18"	39"
24"	48"
30"	66"
36"	78"
42"	83"
48"	89"
60"	102"

MINIMUM COVER: MIN. RECOMMENDED DEPTHS OF COVER FOR VARIOUS LIVE LOADING CONDITIONS ARE AS FOLLOWS. UNLESS OTHERWISE NOTED, ALL DIMENSIONS ARE FROM TOP OF PIPE TO GROUND SURFACE.

SURFACE LIVE LOADING CONDITION	MIN. COVER
H25 (FLEXIBLE PAVEMENT)	12" **
H25 (RIGID PAVEMENT)	12"
E80 RAILWAY	24"
HEAVY CONSTRUCTION	48"

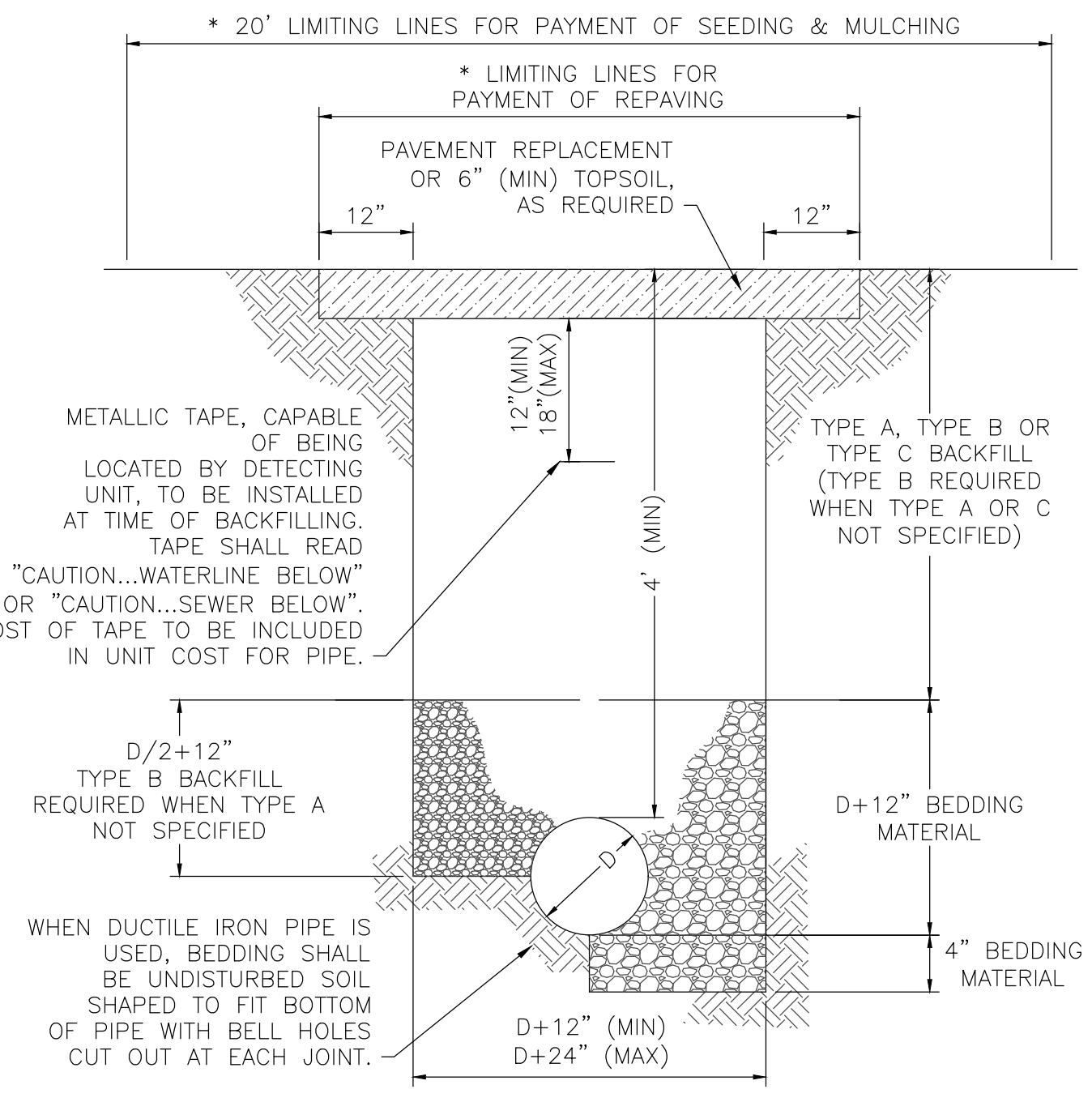
** TOP OF PIPE TO BOTTOM OF BITUMINOUS PAVEMENT SECTION.



* LIMITING LINES FOR PAYMENT APPLY ONLY WHEN CONTRACT PROVIDES FOR UNIT PRICE PAYMENT OF PAVEMENT REPLACEMENT AND SEEDING & MULCHING.

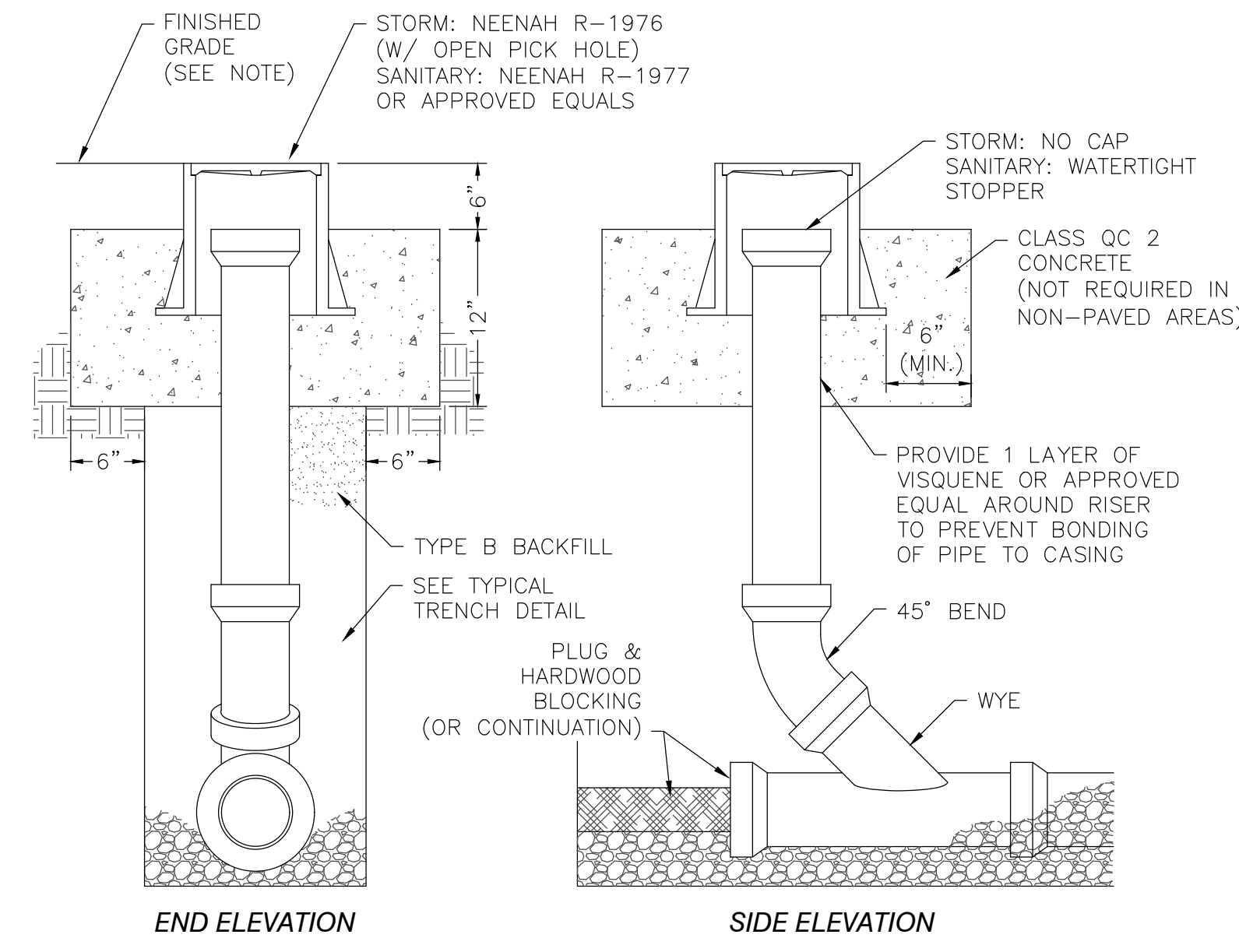
TYP. TRENCH FOR PVC STORM & SANITARY PIPE
NOT TO SCALE

- NOTES (DETAILS 2 & 3):
- ITEM NUMBERS REFER TO STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, CONSTRUCTION AND MATERIAL SPECIFICATIONS.
 - AGGREGATE FOR BEDDING IS NO. 57, NO. 6, NO. 67, NO. 68, OR NO. 7, ITEM 703.
 - TYPE A BACKFILL SHALL BE COMPACTED GRANULAR MATERIAL AS SPECIFIED IN ITEM 304, GRADE A. TYPE A BACKFILL SHALL BE USED WHEN THE TRENCH IS 5' OR LESS FROM ANY PAVED OR GRAVEL SURFACE, OR BENEATH THE PAVEMENT OR GRAVEL. COMPACTION SHALL MEET THE REQUIREMENTS OF ITEM 203.
 - TYPE B BACKFILL SHALL BE NATURAL SOIL FREE FROM STONES LARGER THAN 2" ACROSS THEIR GREATEST DIMENSION, TOPSOIL, VEGETATION, DEBRIS, RUBBISH, OR FROZEN MATERIAL, COMPACTED TO 95% OF ITS MAXIMUM LABORATORY DRY WEIGHT.
 - TYPE C BACKFILL SHALL BE NATURAL SOIL FREE FROM STONES LARGER THAN 6" ACROSS THEIR GREATEST DIMENSION, TOPSOIL, VEGETATION, DEBRIS, RUBBISH, OR FROZEN MATERIAL, COMPACTED TO 90% OF ITS MAXIMUM LABORATORY DRY WEIGHT. WHEN APPROVED BY THE ENGINEER, STONES NO LARGER THAN ONE CUBIC FOOT MAY BE DEPOSITED AT LEAST 3' ABOVE THE TOP OF THE PIPE.
 - THE EXCAVATED TRENCH WIDTH 12" ABOVE THE CONDUIT MAY BE INCREASED WITHOUT EXTRA COMPENSATION.
 - RIGID PIPE SHALL BE DUCTILE IRON, THICKNESS CLASS 53, PRESSURE RATING 350. FLEXIBLE PIPE SHALL BE PVC C-900 DR14 FOR SIZES UP TO 12" AND PVC C-905 DR18 FOR LARGER SIZES.
 - WHEN CALLED FOR ON THE CONSTRUCTION DRAWINGS, ENCASEMENT SHALL BE CLASS C CONCRETE.
 - SECTIONS ARE SYMMETRICAL ABOUT THE CENTERLINE.
 - GRANULAR BEDDING AND BACKFILL SHALL NOT BE REQUIRED FOR DUCTILE IRON PIPE UNLESS WITHIN LIMITS REQUIRING GRANULAR BACKFILL FOR ROADS AND DRIVEWAYS.
 - COVER OVER PIPE SHALL BE AS SPECIFIED ON PLANS. UNLESS OTHERWISE SPECIFIED, ROOF DRAINS SHALL HAVE 30" MIN. COVER AND SANITARY SEWER SERVICES SHALL HAVE 48" MIN. COVER.



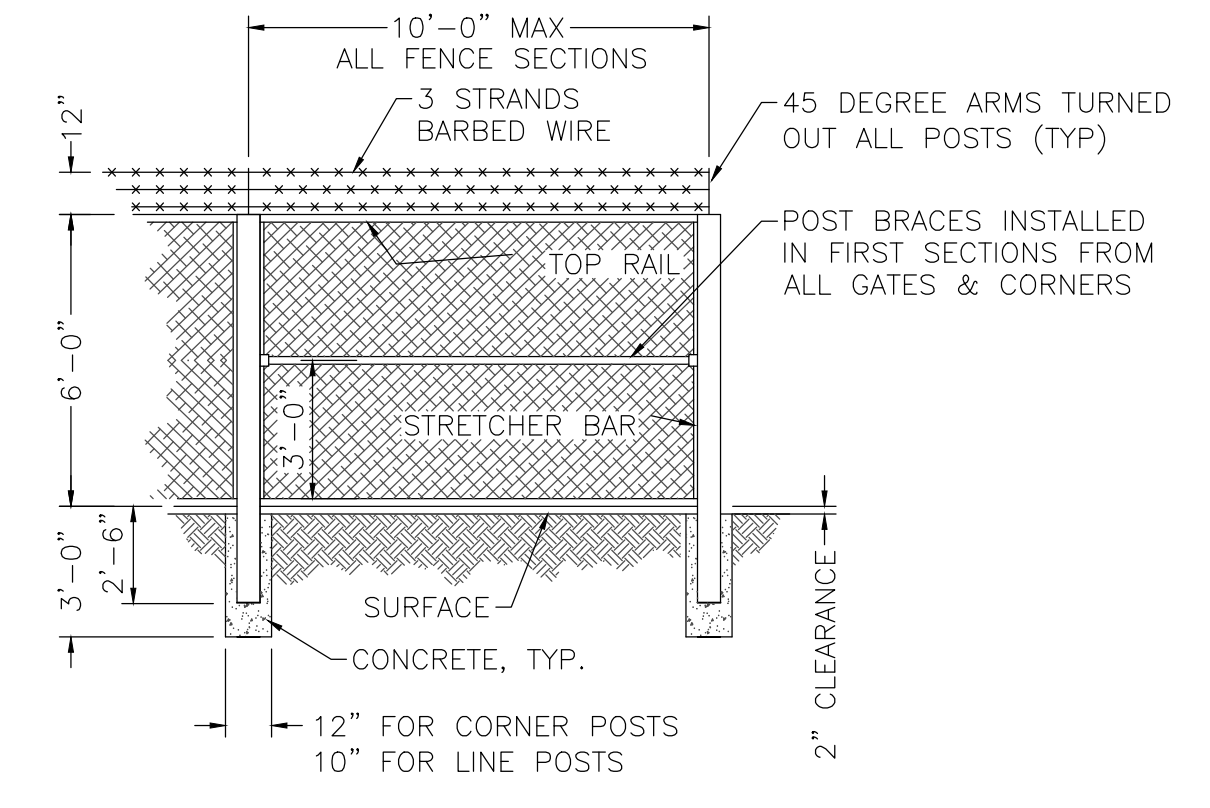
* LIMITING LINES FOR PAYMENT APPLY ONLY WHEN CONTRACT PROVIDES FOR UNIT PRICE PAYMENT OF PAVEMENT REPLACEMENT AND SEEDING & MULCHING.

TYP. TRENCH FOR WATER MAINS & SEWER FORCE MAINS
NOT TO SCALE



NOTE: CLEANOUT TOP OF CASTING SHALL BE SET FLUSH WITH FINISHED GRADE IN PAVEMENT AREAS OR 2" MIN. TO 4" MAX. ABOVE FINISHED GRADE IN NON-PAVED AREAS.

CLEANOUT
NOT TO SCALE

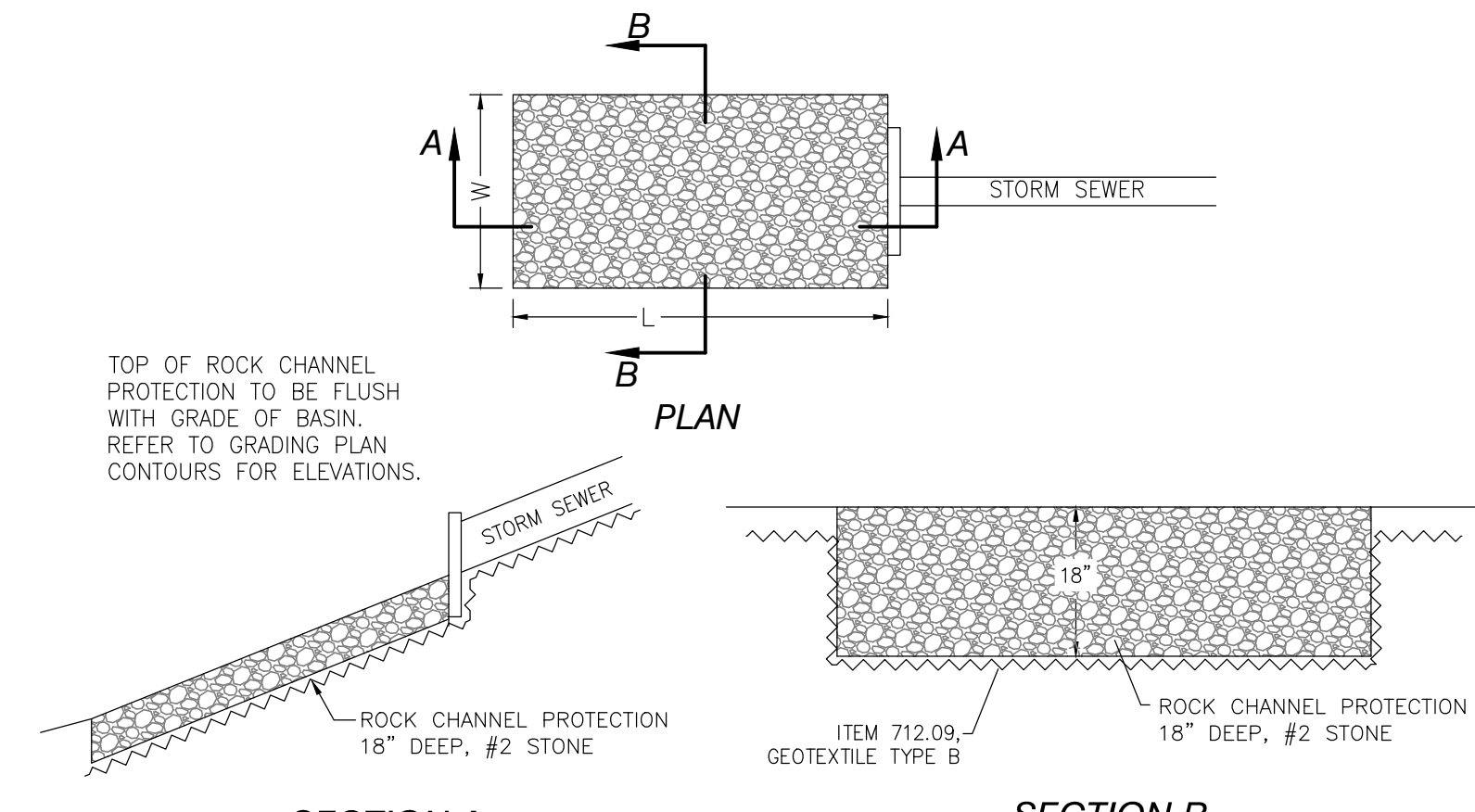


POSTS/RAILS SHALL BE AS FOLLOWS:
BRACE RAILS - 1 5/8" DIA.
LINE POSTS - 2 1/2" DIA.
CORNER POSTS - 2 1/2" DIA.

BARBED WIRE SHALL MEET ASTM A 121, TYPE Z, CLASS 3 GALVANIZING, AT 0.80 OUNCES PER SQUARE FOOT OF SURFACE.

CONNECT TO EX. FENCE WHERE APPLICABLE.

FENCE
NOT TO SCALE

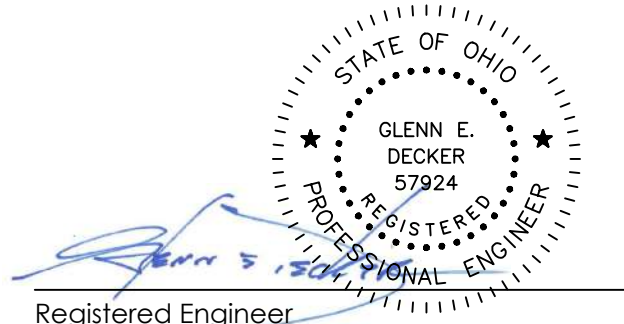


TOP OF ROCK CHANNEL PROTECTION TO BE FLUSH WITH GRADE OF BASIN. REFER TO GRADING PLAN CONTOURS FOR ELEVATIONS.

ROCK CHANNEL PROTECTION DETAIL
NOT TO SCALE



Jerome M. Scott Architects
1020 Goodale Blvd
Columbus, Ohio
43212



11-12-2021
Date

DOT-200023
ODOT - EATON
OUTPOST

5656 US-127 Eaton, Ohio 45320

MARK	DATE	DESCRIPTION
1	12/17/21	REVISION 1 PERMIT / BID SET
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PROJECT NO: **DOT-200023**
DATE: **12/10/21**
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SHEET TITLE

SITE DETAILS
(CONT.)

C501

SD PROJECT NO. 4250



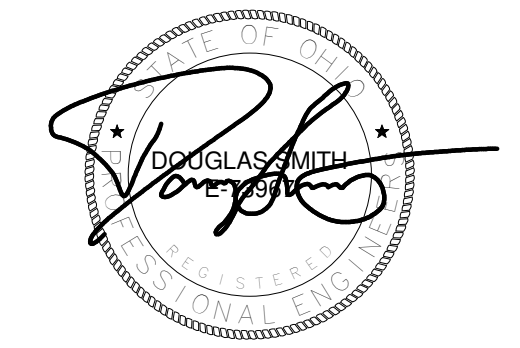
128 East Main Street
Logan, Ohio 43138
740-385-2140

1495 Old Henderson Road
Columbus, Ohio 43220
614-459-6992

507 Main Street
Zanesville, Ohio 43701
740-450-1640

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PLAN NOTES	
#	NOTE



DOT-200023 ODOT -
EATON OUTPOST

CONSTRUCTION DOCUMENTS

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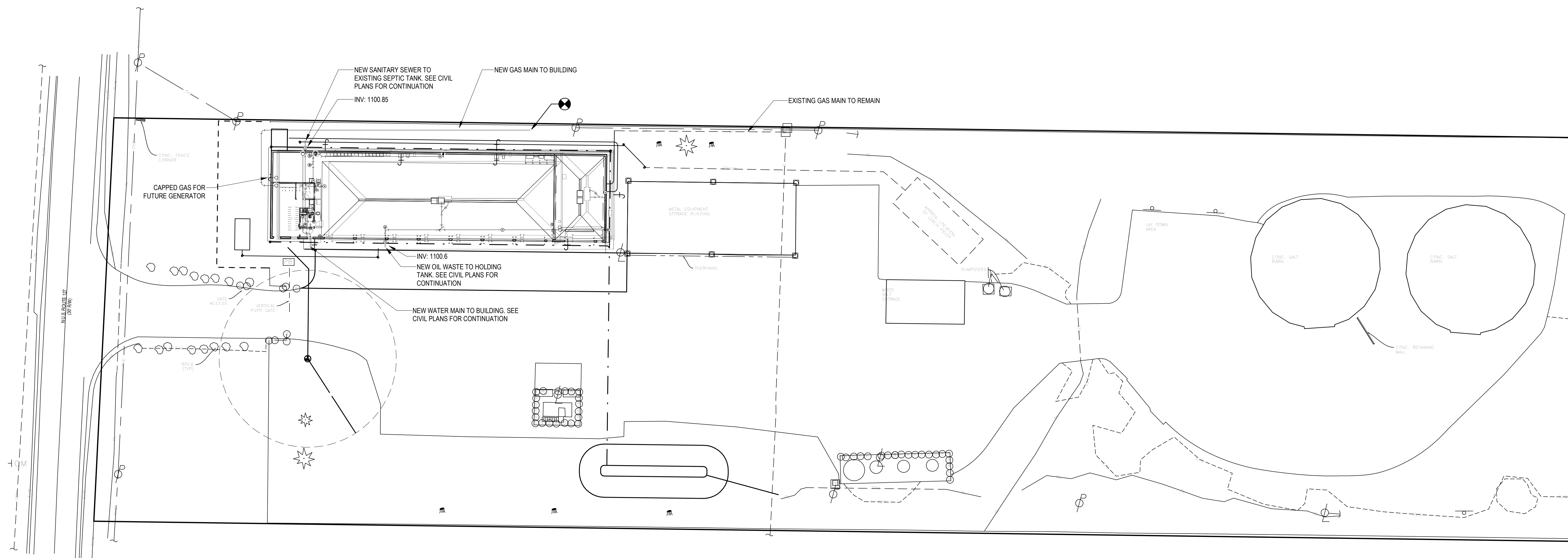
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	11/12/21	Permit Set

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SHEET TITLE
PLUMBING SITE UTILITY PLAN

PSU



1 PLUMBING SITE UTILITY PLAN
PSU 1" = 30'-0"
0 30' 60' 120'

GENERAL NOTES:
THESE DRAWINGS SHOW GAS PIPING WORK ONLY. SEE SITE PLANS FOR ALL OTHER UTILITIES.



DOT-200023 ODOT -
EATON OUTPOST

CONSTRUCTION DOCUMENTS

5656 US-127 Eaton, Ohio 45320

MARK	DATE	DESCRIPTION
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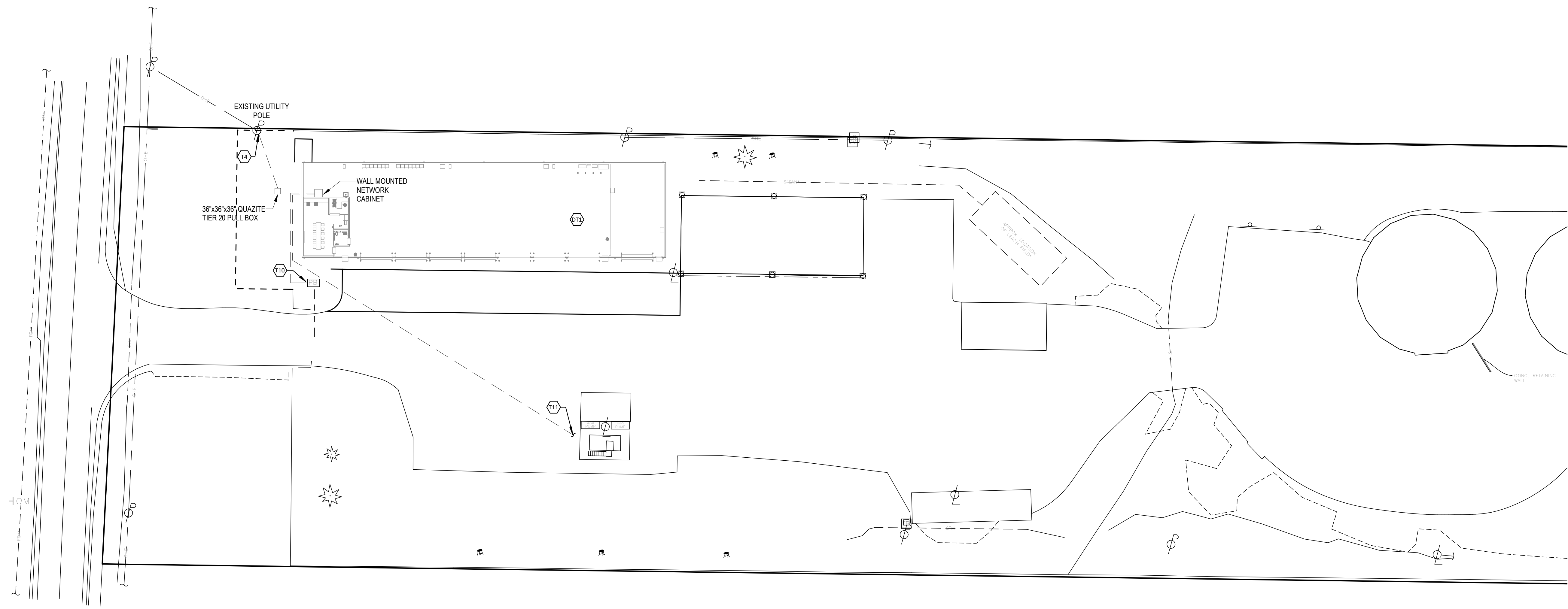
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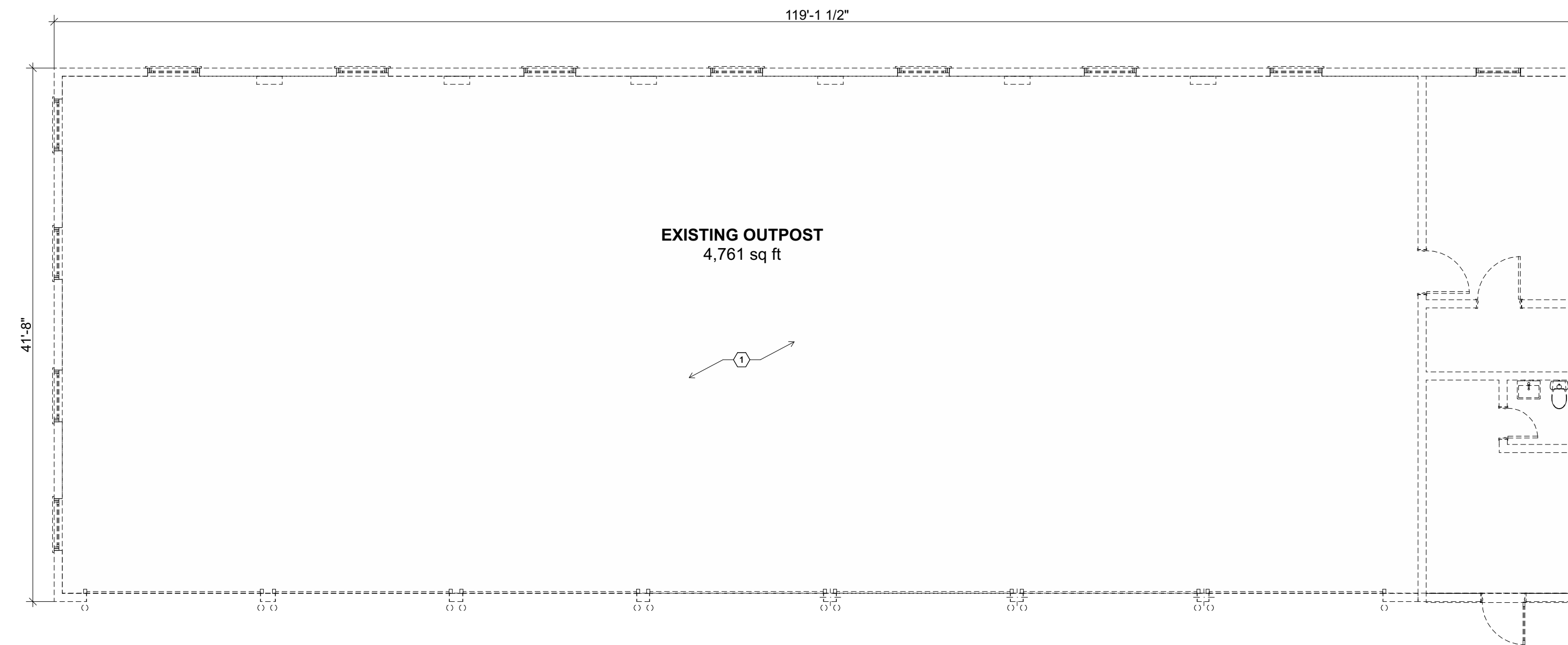
TECHNOLOGY SITE
UTILITY PLAN

TSU

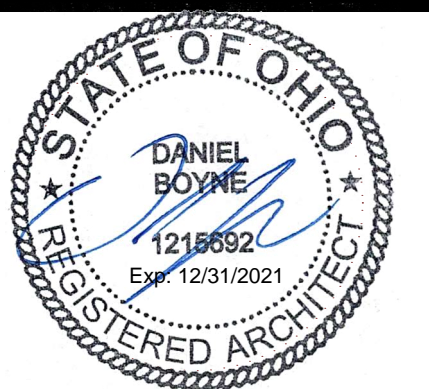


1 TELECOMMUNICATIONS SITE PLAN
TSU 1" = 30'-0"
0 30' 60' 120'

#	NOTE
DT1	REMOVE SECURITY AND ACCESS CONTROL EQUIPMENT FROM BUILDING TO BE DEMOLISHED. TURN OVER TO NWOSS FOR REINSTALLATION.
T4	(3) 4" UNDERGROUND CONDUITS TO UTILITY POLE. ONE FOR FIBER OPTIC CABLE, ONE FOR TELEPHONE SERVICE AND ONE SPARE. ALL CONDUITS BELOW PAVING OR SIDEWALKS SHALL BE CONCRETE ENCASED.
T10	PROVIDE 2-1/2" CONDUIT WITH WET RATED CAT 6 CABLE AND PULL STRING TO GATE CONTROLLER AND (1) 1-1/2" WITH PULL STRING FOR FUTURE CARD READER AND INTERCOM. COORDINATE LOCATIONS IN FIELD.
T11	PROVIDE 2-1/2" CONDUIT WITH WET RATED CAT 6 CABLE AND PULL STRING TO FUEL ISLAND FOR DATA AND FUTURE SECURITY AND (1) 1" CONDUIT WITH PULL STRING TO FUEL ISLAND LIGHT POLE. COORDINATE STUB UP LOCATIONS IN FIELD.



C2 EXISTING OUTPOST DEMOLITION PLAN
SP-A-001 SCALE: 1/8" = 1'-0"



DOT-200023
ODOT - EATON
OUTPOST

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DRAWN BY: **MWM**

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DEMOLITION PLAN CODED NOTES:

① DEMO EXISTING MASONRY AND STEEL STRUCTURE INCLUDING SLAB AND ALL ASSOCIATED FOUNDATIONS AND UTILITIES.

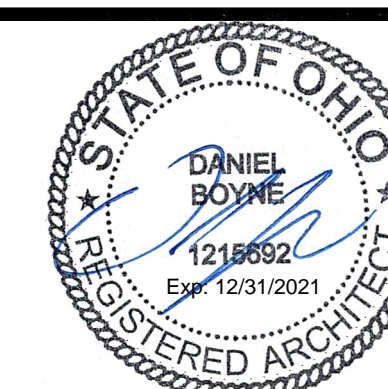
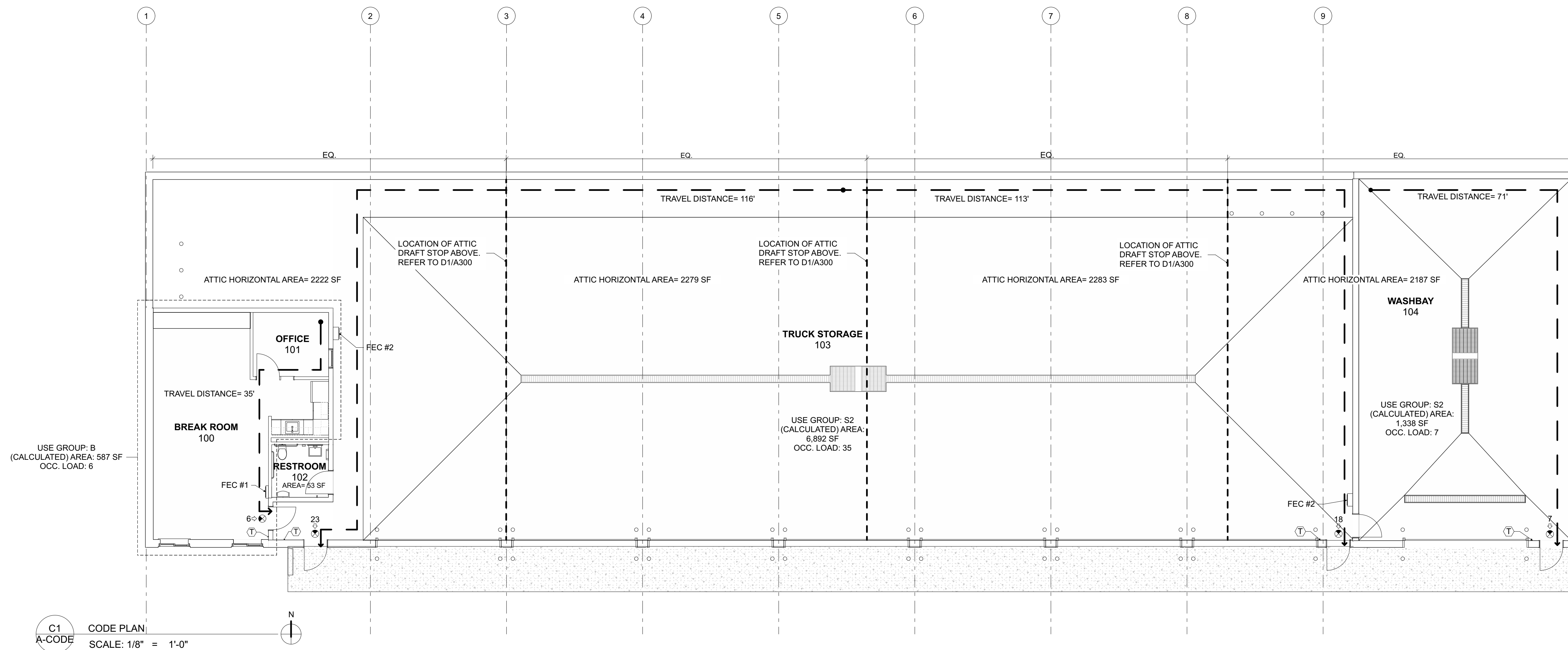
SPECIFICATION NOTES:

1. BUILDINGS / STRUCTURES SHOWN ARE FOR REFERENCE ONLY. FIELD VERIFY EXISTING CONDITIONS PRIOR TO BID.
2. REFER TO SPECIFICATION 00 31 26 FOR EXISTING HAZARDOUS MATERIALS INFORMATION. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY AND ALL ABATEMENT OF HAZARDOUS MATERIALS AS REQUIRED TO COMPLETE THE DEMOLITION SCOPE IN ACCORDANCE WITH REGULATORY REQUIREMENTS.
3. REFER TO SITE UTILITY PLANS FOR ADDITIONAL NOTES REGARDING DEMOLITION OF EXISTING SITE UTILITIES.
4. COORDINATE ALL WORK WITH CIVIL PLANS.

SHEET TITLE

EXISTING BUILDING
DEMOLITION PLANS

SP-A-001



DOT-200023
ODOT - EATON
OUTPOST

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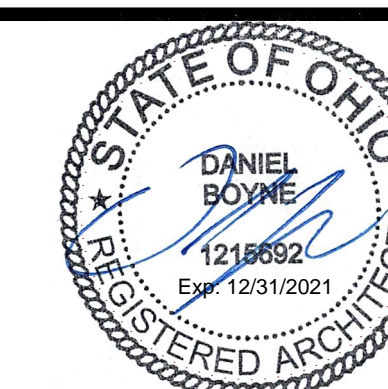
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- GENERAL NOTES:**
- - - : INDICATES EGRESS PATH
 - * FEC # 1: 5 LB MULTI-PURPOSE FIRE-EXTINGUISHER AND SEMI-RECESSED CABINET. REFER TO SPEC 10 44 13 AND 10 44 16.
 - * FEC # 2: 10 LB MULTI-PURPOSE FIRE-EXTINGUISHER AND SURFACE-MOUNTED CABINET. REFER TO SPEC 10 44 13 AND 10 44 16.
 - Ⓣ : TACTILE EXIT SIGN. REFER TO SHEET A-500
 - Ⓢ : 26 50 00 ILLUMINATED EXIT SIGN (REFER TO ELECTRICAL)

SHEET TITLE
CODE PLAN
A-CODE



**DOT-20023
ODOT - EATON
OUTPOST**

5656 US-127 Eaton, Ohio 45320

MARK	DATE	DESCRIPTION
1	12/17/2021	REVISION 1 PERMIT / BID SET
-	12/10/2021	BID SET
-	11/12/2021	PERMIT SET

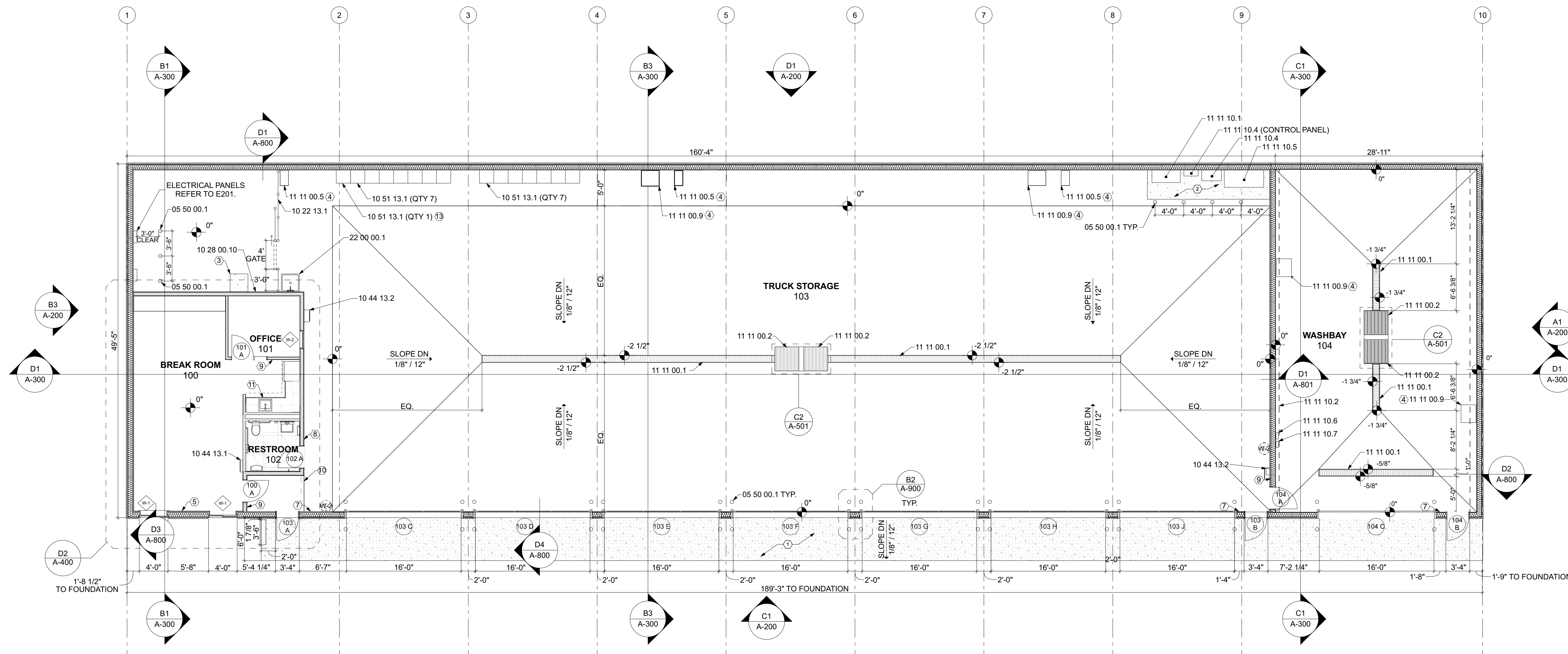
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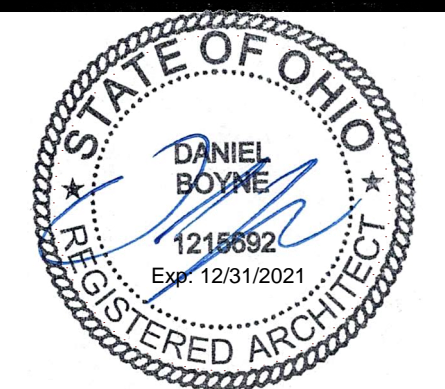
FIRST FLOOR PLAN

A-100



D1 A-100 FIRST FLOOR PLAN
SCALE: 1/8" = 1'-0"

PLAN GENERAL NOTES:	PLAN CODED NOTES:	SPECIFICATION NOTES:
<p>1. JOINT SEALANT (07 92 00) SHALL BE APPLIED AT ALL JOINTS OF DISSIMILAR MATERIAL.</p> <p>2. ALL OPENINGS AND THE EQUIPMENT THROUGH OPENINGS MUST BE COORDINATED. SEE STRUCTURAL AND MEP DRAWINGS. COORDINATE FINAL LOCATIONS WITH ARCHITECT.</p> <p>3. REFER TO CIVIL DRAWINGS FOR CONTINUATION AND LAYOUT OF EXTERIOR WALLS, STOOPS, CURBS, ETC.</p> <p>4. REFER TO STRUCTURAL DRAWINGS FOR CONTROL JOINTS IN INTERIOR CONCRETE SLABS (03 30 00). COORDINATE CONCRETE JOINTS WITH THE FINISH FLOOR MATERIALS.</p> <p>5. CUT HOLES IN WALL PANELS AND PROVIDE WEATHERTIGHT FLASHING BOOTS FOR ALL ROOF AND WALL PENETRATIONS. CONTRACTOR IS RESPONSIBLE FOR SEALING ALL OTHER PENETRATIONS WHERE BOOT IS NOT FEASIBLE. THE FINAL WEATHER TIGHTNESS OF THE BUILDING IS THE RESPONSIBILITY OF THE CONTRACTOR.</p> <p>6. PROVIDE BLOCKING FOR OVERHEAD DOOR OPENERS, MOTORS, SHAFT SUPPORTS, TRACKS, AND OPERATORS.</p>	<p>1. REINFORCED CONCRETE APRON/STOOP. SLOPE DOWN 1/8" PER FOOT FROM BUILDING. REFER TO STRUCTURAL.</p> <p>2. PROVIDE 4" HIGH CONCRETE HOUSEKEEPING PAD AT WASHBAY EQUIPMENT; COORDINATE FINAL DIMENSIONS WITH ARCHITECT.</p> <p>3. PROVIDE 4" HIGH CONCRETE HOUSEKEEPING PAD AT MECHANICAL AND/OR ELECTRICAL EQUIPMENT; COORDINATE FINAL DIMENSIONS AND LOCATION WITH ARCHITECT.</p> <p>4. COORDINATE FINAL MOUNTING HEIGHT/LOCATION WITH ARCHITECT PRIOR TO INSTALLATION.</p> <p>5. PROVIDE HORIZONTAL WOOD BLOCKING AT 4', 6', AND 8' A.F.F. FOR FUTURE TV MOUNT (BY OWNER).</p>	<p>03 30 00.1 CAST-IN-PLACE CONCRETE</p> <p>03 30 00.2 TEXTURED/PIGMENTED CONCRETE</p> <p>03 30 00.3 VAPOR BARRIER</p> <p>03 30 00.4 GRAVEL BASE</p> <p>03 30 00.7 EXPANSION JT</p> <p>03 30 00.8 GROUT</p> <p>05 50 00.1 GALVANIZED STEEL BOLLARD W/ COVER</p> <p>05 50 00.2 HOPE BOLLARD COVER</p> <p>06 10 00.1 WOOD FRAMING</p> <p>06 10 00.2 WOOD FURRING @ 24" O.C.</p> <p>06 16 00.1 5/8" SHEATHING</p> <p>06 16 00.2 ROOF SHEATHING</p> <p>06 41 16.1 CABINET</p> <p>06 41 16.2 SOLID SURFACE COUNTERTOP</p> <p>06 41 16.3 SOLID SURFACE WINDOW SILL</p> <p>07 21 00.1 FOUNDATION INSULATION</p> <p>07 21 00.2 BATT INSULATION</p> <p>07 21 00.3 RIGID INSULATION</p> <p>07 21 00.4 INSULATION BAFFLE</p> <p>07 25 00.1 AIR BARRIER</p> <p>07 41 13.1 METAL ROOF PANELS</p> <p>07 41 13.2 METAL GUTTERS</p> <p>07 41 13.3 METAL DOWNSPOUTS</p>



DOT-200023 ODOT - EATON OUTPOST

5656 US-127 Eaton, Ohio 45320

MARK	DATE	DESCRIPTION
1	12/17/2021	REVISION 1 PERMIT / BID SET
-	12/10/2021	BID SET
-	11/12/2021	PERMIT SET

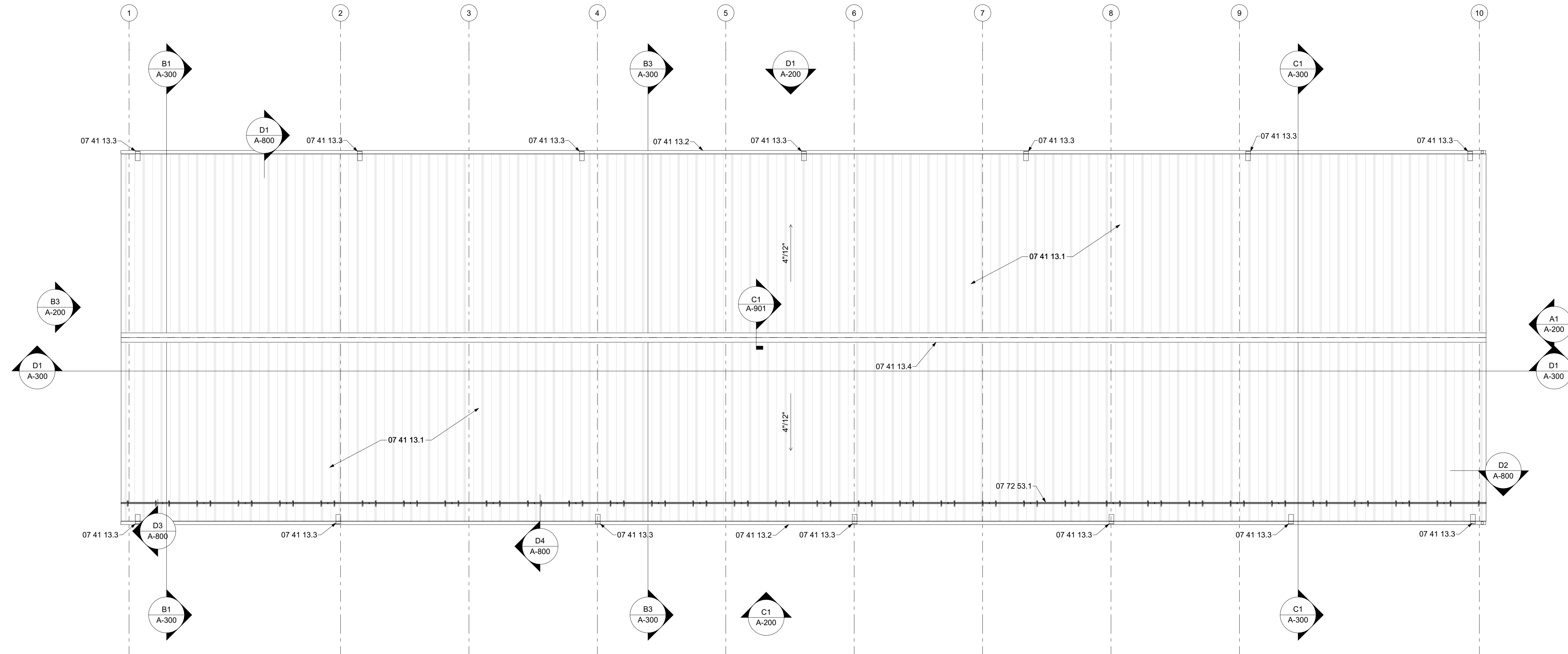
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DATE: **12/17/2021**
DRAWN BY: **MWM**

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SHEET TITLE

ROOF PLAN

A-101



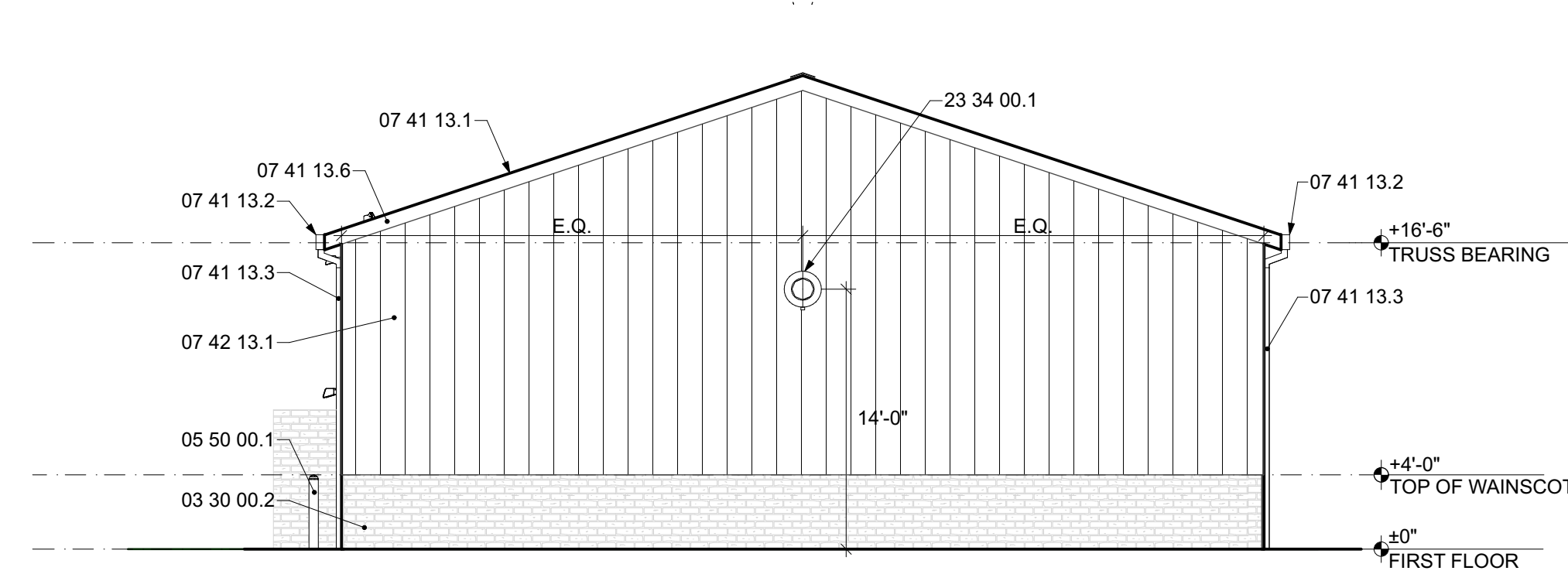
1 ROOF PLAN
SCALE: 1/8" = 1'-0"

PLAN GENERAL NOTES:

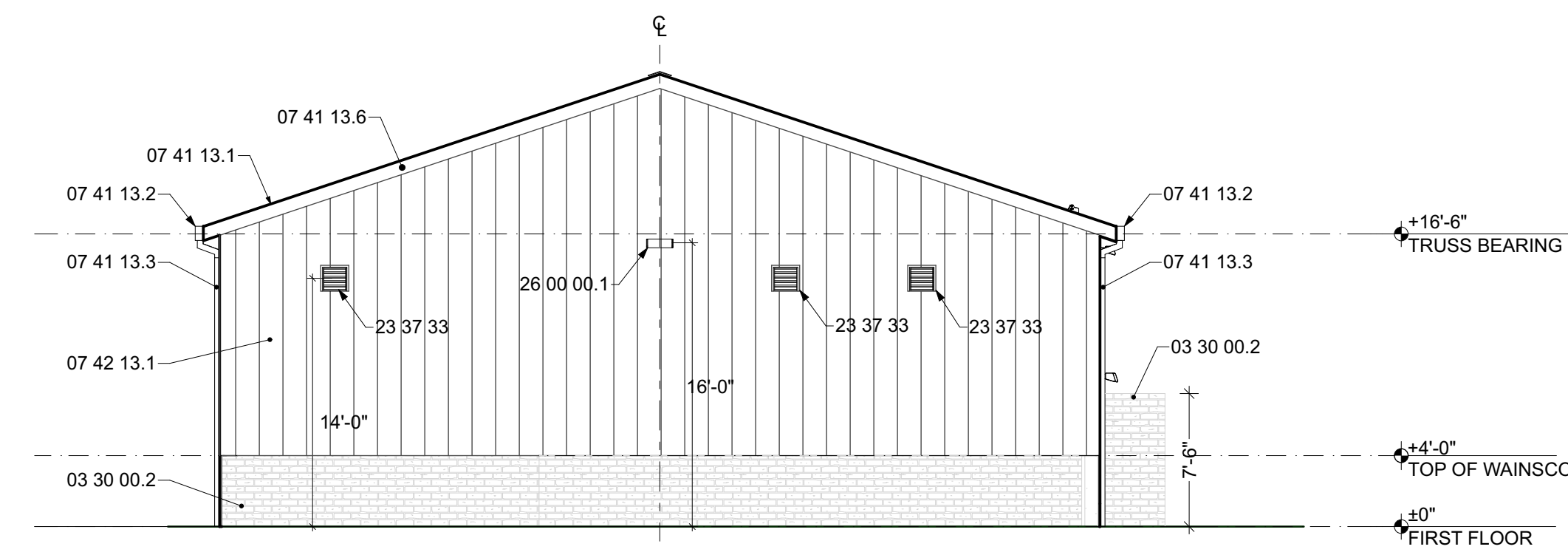
- JOINT SEALANT (07 92 00) SHALL BE APPLIED AT ALL JOINTS OF DISSIMILAR MATERIAL.
- ALL OPENINGS AND THE EQUIPMENT THROUGH OPENINGS MUST BE COORDINATED. SEE STRUCTURAL AND MEP DRAWINGS. COORDINATED FINAL LOCATIONS WITH ARCHITECT.
- REFER TO CIVIL DRAWINGS FOR CONTINUATION AND LAYOUT OF EXTERIOR WALLS, STOOPS, CURBS, ETC.
- REFER TO STRUCTURAL DRAWINGS FOR CONTROL JOINTS IN INTERIOR CONCRETE SLABS (03 30 00). COORDINATE CONCRETE JOINTS WITH THE FINISH FLOOR MATERIALS.
- CUT HOLES IN WALL PANELS AND PROVIDE WEATHERTIGHT FLASHING BOOTS FOR ALL ROOF AND WALL PENETRATIONS. CONTRACTOR IS RESPONSIBLE FOR SEALING ALL OTHER PENETRATIONS WHERE BOOT IS NOT FEASIBLE. THE FINAL WEATHER TIGHTNESS OF THE BUILDING IS THE RESPONSIBILITY OF THE CONTRACTOR.
- PROVIDE BLOCKING FOR OVERHEAD DOOR OPENERS, MOTORS, SHAFT SUPPORTS, TRACKS, AND OPERATORS.
- ALL DOORS TO BE LOCATED WITH OUTSIDE EDGE OF FRAME 4" FROM FINISHED FACE OF ADJACENT PARTITION U.N.O.
- PROVIDE SUPPORT STEEL FOR ALL HVAC EQUIPMENT AS RECOMMENDED BY MANUFACTURER.
- COORDINATE UNDERGROUND UTILITIES WITH THE DEPTH OF TRENCH DRAINS (11 11 00).
- FINAL ELEVATIONS FOR EACH OF THE TRENCH DRAINS (11 11 00.1) AND CATCH BASIN TO BE COORDINATED WITH THE INSTALLATIONS OF THE CONCRETE FLOORS (03 30 00).
- ALL SLOPED SLABS SHALL HAVE A CONSISTANT SLOPE.
- COORDINATE INSTALLATION OF THE TRENCH DRAINS WITH CONCRETE FLOOR CONTROL JOINTS.
- ALL FURNISHINGS TO BE PROVIDED BY CONTRACTOR U.N.O. REFER TO SPECIFICATION 12 51 00.
- ALL FASTENERS, HARDWARE, CONDUIT, COVER PLATES, ETC. LOCATED IN WASHBAY TO BE STAINLESS STEEL UNLESS SPECIFICALLY APPROVED BY ARCHITECT IN WRITING.

SPECIFICATION NOTES:

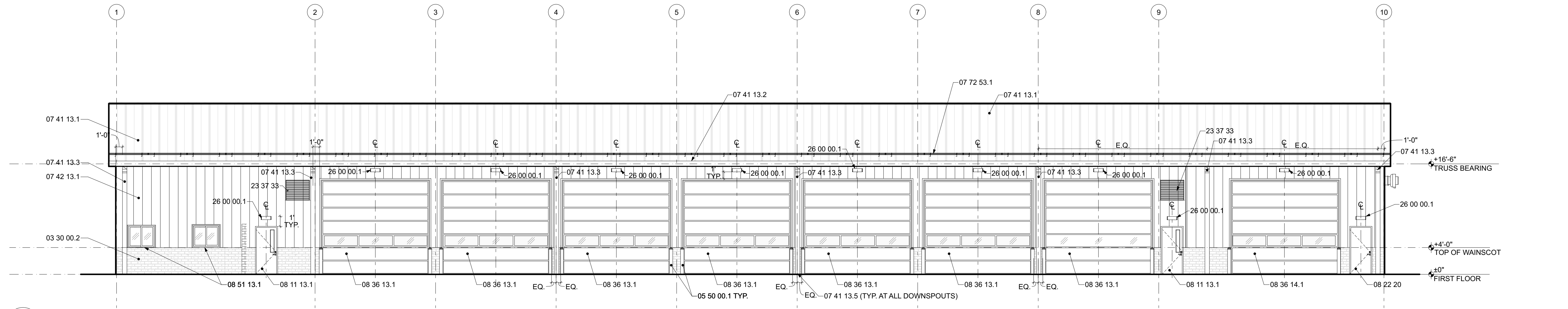
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|--|--|--|---|
| 03 30 00.1 CAST IN-PLACE CONCRETE | 07 41 13.4 METAL ROOF RIDGE VENT | 09 30 00.1 CERAMIC TILE | 11 11 00.1 TRENCH DRAIN |
| 03 30 00.2 TEXTURED/PIGMENTED CONCRETE | 07 41 13.5 CAST-IRON DOWNSPOUT BOOT | 09 51 13.1 ACOUSTICAL CEILING TILE | 11 11 00.2 TRENCH DRAIN CATCH BASIN |
| 03 30 00.3 VAPOR BARRIER | 07 41 13.6 METAL FASCIA | 09 65 13.1 RESILIENT BASE | 11 11 00.5 COMPRESSED AIR REEL |
| 03 30 00.4 GRAVEL BASE | 07 41 13.7 UNDERLAYMENT | 09 67 00.1 EPOXY FLOORING SYSTEM | 11 11 00.9 WATER REEL AND HOSE |
| 03 30 00.7 EXPANSION JT | 07 41 13.8 PERFORATED METAL SOFFIT PANEL | 09 77 00.1 FRP PANELS | 11 11 01.1 PRESSURE WASHER |
| 03 30 00.8 GROUT | 07 42 13.1 METAL WALL PANELS | 09 77 00.2 INTERLOCKING PVC PANELS | 11 11 10.2 PRESSURE WASHER TROLLEY SYSTEM |
| 05 50 00.1 GALVANIZED STEEL BOLLARD W/ COVER | 07 42 13.2 METAL LINER PANELS | 09 86 00.1 EPOXY PAINT | 11 11 10.3 UNDERCARRIAGE WASH |
| 05 50 00.2 HDPE BOLLARD COVER | 07 62 00.1 METAL FLASHING | 10 11 00.1 MARKER BOARD | 11 11 10.4 VEHICLE WASH PUMP |
| 06 10 00.1 WOOD FRAMING | 07 72 53.1 SNOW GUARD | 10 11 00.2 TACK BOARD | 11 11 10.5 VEHICLE WASH TANK |
| 06 10 00.2 WOOD FURRING @ 24" O.C. | 07 92 00.1 JOINT SEALANTS | 10 22 13.1 WIRE MESH PARTITION | 11 11 10.6 PRESSURE WASHER REMOTE SYSTEM |
| 06 16 00.1 5/8" SHEATHING | 08 11 13.1 HOLLOW METAL DOORS/FRAMES | 10 28 00.3 WASTE RECEPTACLE | 11 11 10.7 VEHICLE WASH SWITCH |
| 06 16 00.2 ROOF SHEATHING | 08 22 20.1 FIBERGLASS DOORS/FRAMES | 10 28 00.2 PAPER TOWEL DISPENSER | 11 30 13.1 MICROWAVE |
| 06 41 16.1 CABINET | 08 31 13.1 ACCESS PANEL | 10 28 00.4 SOAP DISPENSER | 11 30 13.2 REFRIGERATOR |
| 06 41 16.2 SOLID SURFACE COUNTERTOP | 08 36 13.1 OVERHEAD SECTIONAL DOORS | 10 28 00.5 GRAB BAR | 12 21 13.1 HORIZONTAL LOUVER BLINDS |
| 06 41 16.3 SOLID SURFACE WINDOW SILL | 08 36 14.1 WASHBAY OVERHEAD DOORS | 10 28 00.6 SANITARY NAPKIN DISPOSAL | 22 00 00.1 PLUMBING FIXTURE(REFER TO PLUMBING DRAWINGS) |
| 07 21 00.1 FOUNDATION INSULATION | 08 43 13.1 ALUMINUM FRAME STOREFRONTS | 10 28 00.7 COAT HOOK | 22 47 00.1 BOTTLE FILLER |
| 07 21 00.2 BATT INSULATION | 08 51 13.1 ALUMINUM WINDOWS | 10 28 00.8 FRAMED MIRROR UNIT | 23 34 00.1 EXHAUST FAN (REFER TO MECHANICAL) |
| 07 21 00.3 RIGID INSULATION | 09 22 16.1 METAL 2" FURRING | 10 28 00.9 UNDER LAVATORY GUARD | 23 37 33 HVAC LOUVERS (REFER TO MECHANICAL) |
| 07 21 00.4 INSULATION BAFFLE | 09 29 00.1 5/8" GYPSUM BOARD | 10 28 00.10 MOP HOLDER / SHELF | 26 00 00.1 LIGHT FIXTURES (REFER TO ELECTRICAL) |
| 07 25 00.1 AIR BARRIER | 09 29 00.2 1/2" GYPSUM BOARD | 10 44 13.1 SEMI-RECESSED FIRE EXTINGUISHER CABINET | 33 46 00.1 FOUNDATION DRAIN |
| 07 41 13.1 METAL ROOF PANELS | 09 29 00.3 SOUND ATTENUATION BLANKETS | 10 44 13.2 SURFACE-MTD. FIRE EXTINGUISHER CABINET | |
| 07 41 13.3 METAL DOWNSPOUTS | 09 29 00.4 TILE BACKING PANELS | 10 51 13.1 LOCKERS | |



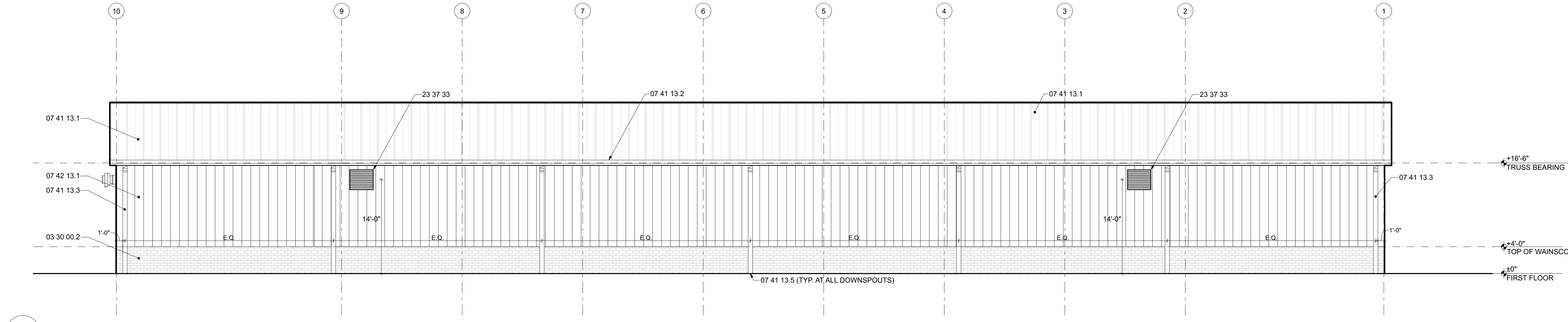
A1
A-200
 EAST ELEVATION
 SCALE: 1/8" = 1'-0"



B3
A-200
 WEST ELEVATION
 SCALE: 1/8" = 1'-0"



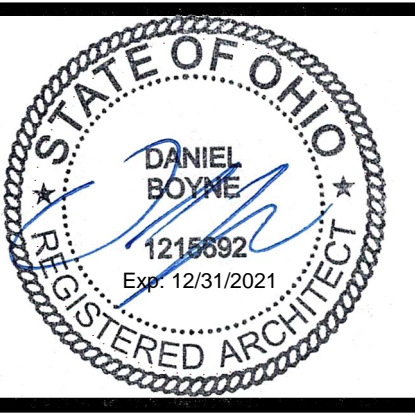
C1
A-200
 SOUTH ELEVATION
 SCALE: 1/8" = 1'-0"



D1
A-200
 NORTH ELEVATION
 SCALE: 1/8" = 1'-0"

SPECIFICATION NOTES:

03 30 00.1 CAST-IN-PLACE CONCRETE	07 41 13.4 METAL ROOF RIDGE VENT	09 30 00.1 CERAMIC TILE	11 11 00.1 TRENCH DRAIN
03 30 00.2 TEXTURED/PIGMENTED CONCRETE	07 41 13.5 CAST-IRON DOWNSPOUT BOOT	09 51 13.1 ACOUSTICAL CEILING TILE	11 11 00.2 TRENCH DRAIN CATCH BASIN
03 30 00.3 VAPOR BARRIER	07 41 13.6 METAL FASCIA	09 65 13.1 RESILIENT BASE	11 11 00.5 COMPRESSED AIR REEL
03 30 00.4 GRAVEL BASE	07 41 13.7 UNDERLAYMENT	09 67 00.1 EPOXY FLOORING SYSTEM	11 11 00.9 WATER REEL AND HOSE
03 30 00.7 EXPANSION JT	07 41 13.8 PERFORATED METAL SOFFIT PANEL	09 77 00.1 FRP PANELS	11 11 10.1 PRESSURE WASHER
03 30 00.8 GROUT	07 42 13.1 METAL WALL PANELS	09 77 00.2 INTERLOCKING PVC PANELS	11 11 10.2 PRESSURE WASHER TROLLEY SYSTEM
05 50 00.1 GALVANIZED STEEL BOLLARD W/ COVER	07 42 13.2 METAL LINER PANELS	09 86 00.1 EPOXY PAINT	11 11 10.3 UNDERCARRIAGE WASH
05 50 00.2 HDPE BOLLARD COVER	07 62 00.1 METAL FLASHING	10 11 00.1 MARKER BOARD	11 11 10.4 VEHICLE WASH PUMP
06 10 00.1 WOOD FRAMING	07 72 53.1 SNOW GUARD	10 11 00.2 TACK BOARD	11 11 10.5 VEHICLE WASH TANK
06 10 00.2 WOOD FURRING @ 24" O.C.	07 92 00.1 JOINT SEALANTS	10 22 13.1 WIRE MESH PARTITION	11 11 10.6 PRESSURE WASHER REMOTE SYSTEM
06 16 00.1 5/8" SHEATHING	08 11 13.1 HOLLOW METAL DOORS/FRAMES	10 28 00.1 TOILET TISSUE DISPENSER	11 11 10.7 VEHICLE WASH SWITCH
06 16 00.2 ROOF SHEATHING	08 22 20.1 FIBERGLASS DOORS/FRAMES	10 28 00.2 PAPER TOWEL DISPENSER	11 30 13.1 MICROWAVE
06 41 16.1 CABINET	08 31 13.1 ACCESS PANEL	10 28 00.3 WASTE RECEPTACLE	11 30 13.2 REFRIGERATOR
06 41 16.2 SOLID SURFACE COUNTERTOP	08 36 13.1 OVERHEAD SECTIONAL DOORS	10 28 00.4 SOAP DISPENSER	12 21 13.1 HORIZONTAL LOUVER BLINDS
06 41 16.3 SOLID SURFACE WINDOW SILL	08 36 14.1 WASHBAY OVERHEAD DOORS	10 28 00.5 GRAB BAR	22 00 00.1 PLUMBING FIXTURE(REFER TO PLUMBING DRAWINGS)
07 21 00.1 FOUNDATION INSULATION	08 43 13.1 ALUMINUM FRAME STOREFRONTS	10 28 00.6 SANITARY NAPKIN DISPOSAL	22 47 00.1 BOTTLE FILLER
07 21 00.2 BATT INSULATION	08 51 13.1 ALUMINUM WINDOWS	10 28 00.7 COAT HOOK	23 34 00.1 EXHAUST FAN (REFER TO MECHANICAL)
07 21 00.3 RIGID INSULATION	08 80 00.1 GLAZING	10 28 00.8 FRAMED MIRROR UNIT	23 37 33 HVAC LOUVERS (REFER TO MECHANICAL)
07 21 00.4 INSULATION BAFFLE	09 22 16.1 METAL "Z" FURRING	10 28 00.9 UNDER LAVATORY GUARD	26 00 00.1 LIGHT FIXTURES (REFER TO ELECTRICAL)
07 25 00.1 AIR BARRIER	09 29 00.1 5/8" GYPSUM BOARD	10 28 00.10 MOIP HOLDER/ SHELF	33 46 00.1 FOUNDATION DRAIN
07 41 13.1 METAL ROOF PANELS	09 29 00.2 1/2" GYPSUM BOARD	10 44 13.1 SEMI-RECESSED FIRE EXTINGUISHER CABINET	
07 41 13.2 METAL GUTTERS	09 29 00.3 SOUND ATTENUATION BLANKETS	10 44 13.2 SURFACE-MTD. FIRE EXTINGUISHER CABINET	
07 41 13.3 METAL DOWNSPOUTS	09 29 00.4 TILE BACKING PANELS	10 51 13.1 LOCKERS	



DOT-20023
ODOT - EATON
OUTPOST

5656 US-127 Eaton, Ohio 45320

MARK	DATE	DESCRIPTION
1	12/17/2021	REVISION 1 PERMIT / BID SET
-	12/10/2021	BID SET
-	11/12/2021	PERMIT SET

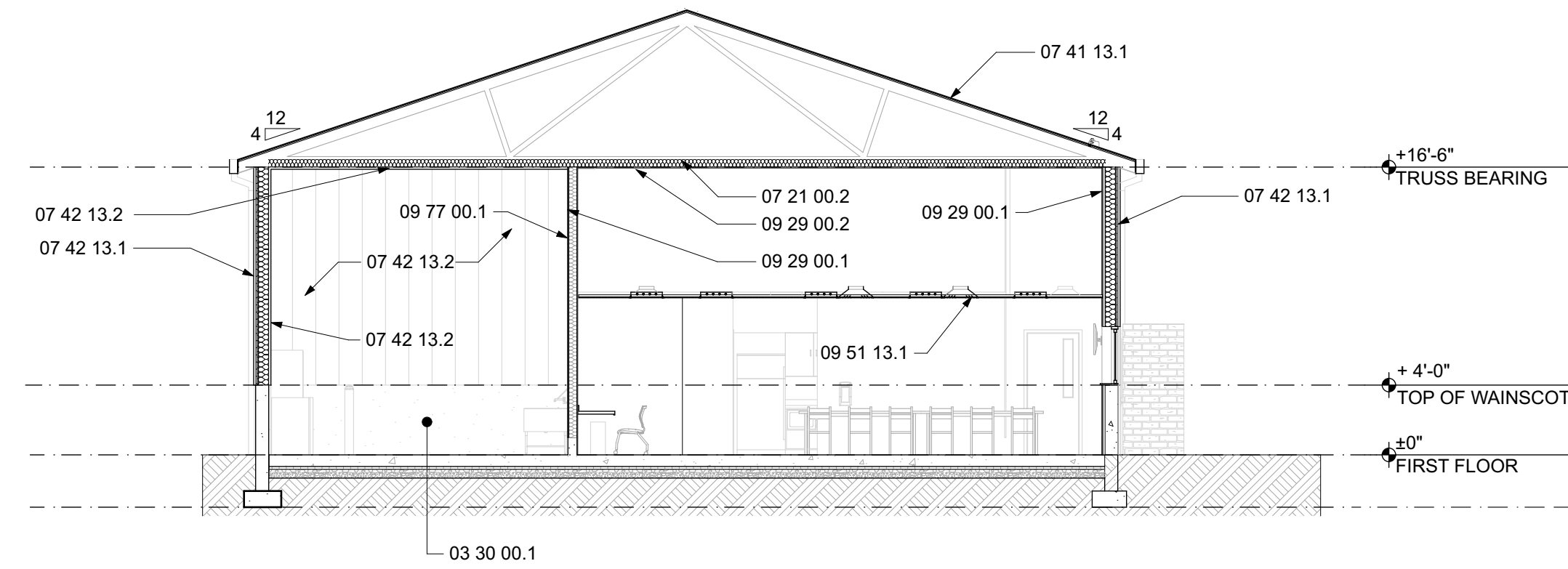
PROJECT NO: **DOT-20023**
 DATE: **12/17/2021**
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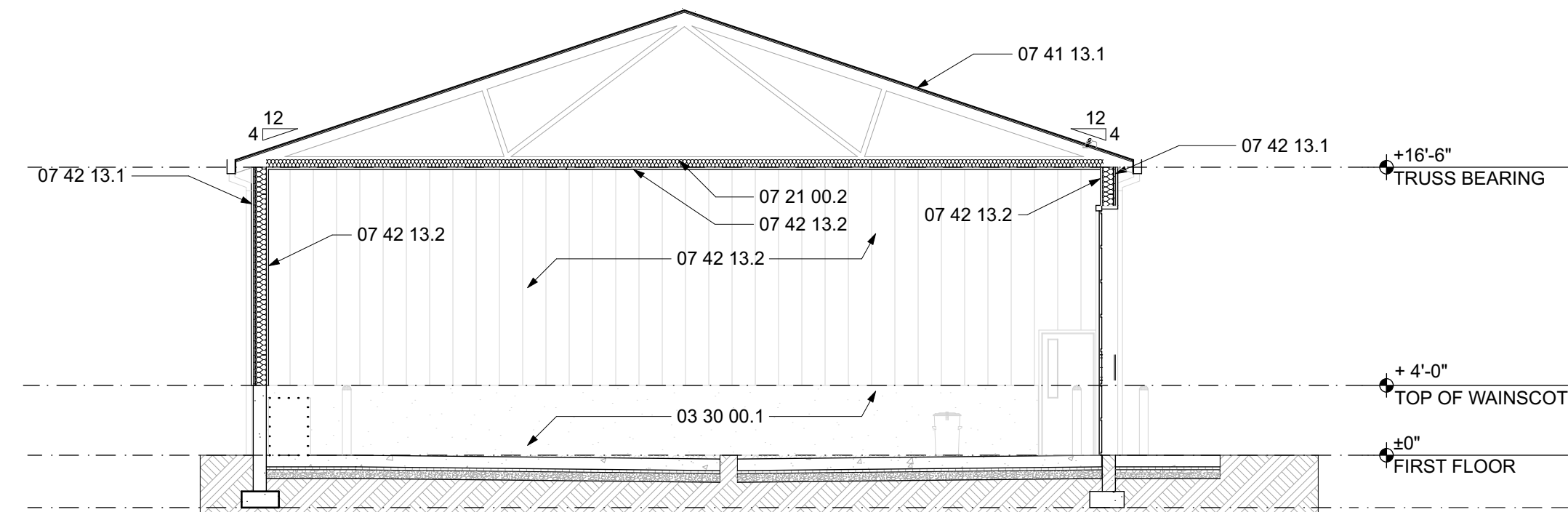
SHEET TITLE

EXTERIOR ELEVATIONS

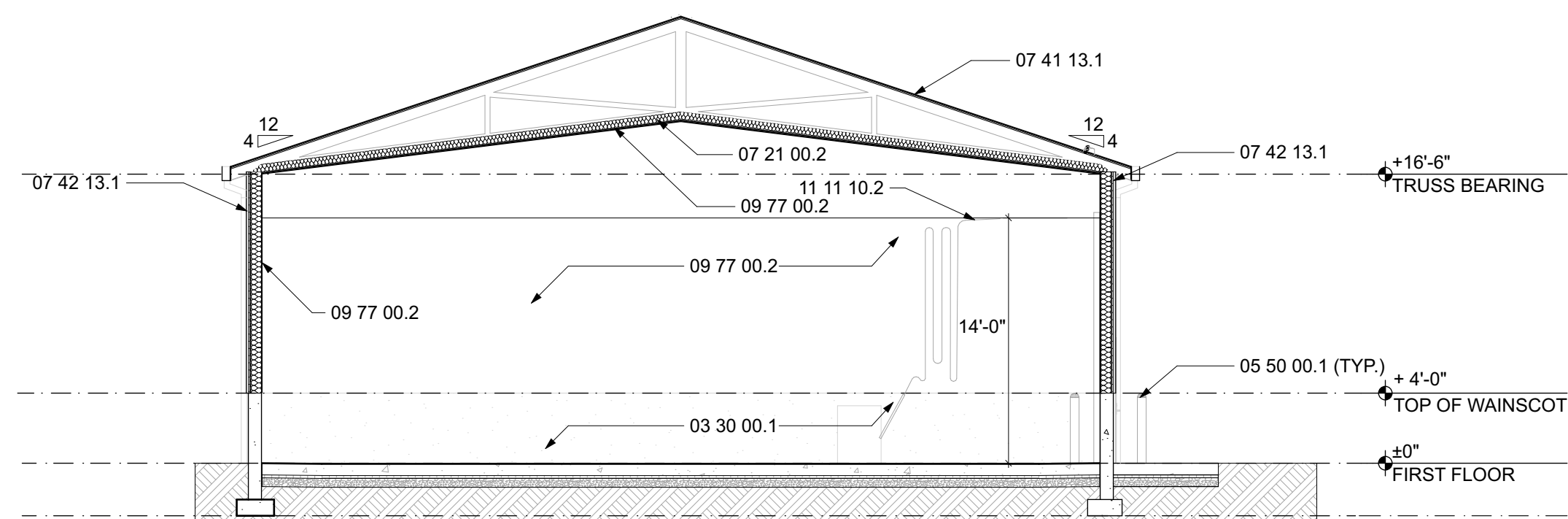
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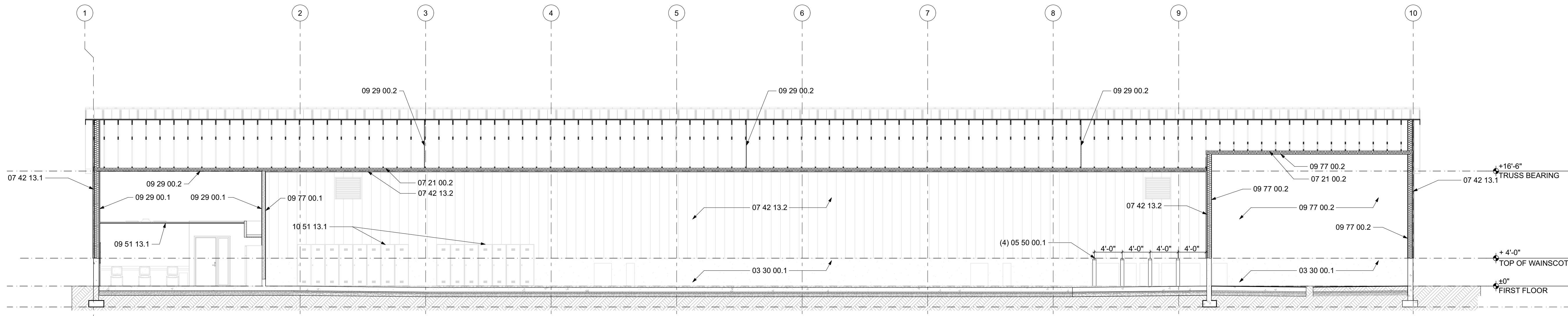
B1
A-300 OFFICE SECTION
 SCALE: 1/8" = 1'-0"



B3
A-300 TRUCK STORAGE SECTION
 SCALE: 1/8" = 1'-0"



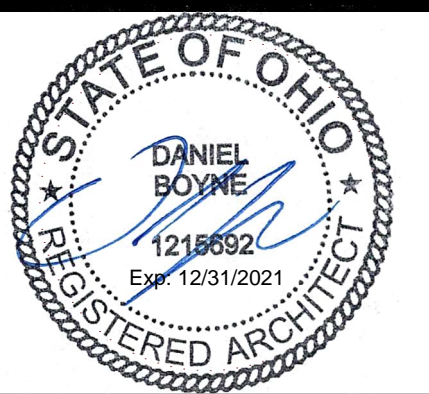
C1
A-300 WASHBAY SECTION
 SCALE: 1/8" = 1'-0"



D1
A-300 LONGITUDINAL SECTION
 SCALE: 1/8" = 1'-0"

SPECIFICATION NOTES:

03 30 00.1 CAST-IN-PLACE CONCRETE	07 41 13.4 METAL ROOF RIDGE VENT	09 30 00.1 CERAMIC TILE	11 11 00.1 TRENCH DRAIN
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05 50 00.1 GALVANIZED STEEL BOLLARD W/ COVER	07 42 13.2 METAL LINER PANELS	09 96 00.1 EPOXY PAINT	11 11 10.3 UNDERCARRIAGE WASH
05 50 00.2 HDPE BOLLARD COVER	07 62 00.1 METAL FLASHING	10 11 00.1 MARKER BOARD	11 11 10.4 VEHICLE WASH PUMP
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06 41 16.2 SOLID SURFACE COUNTERTOP	08 38 13.1 OVERHEAD SECTIONAL DOORS	10 28 00.4 SOAP DISPENSER	12 21 13.1 HORIZONTAL LOUVER BLINDS
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07 41 13.2 METAL GUTTERS	09 29 00.3 SOUND ATTENUATION BLANKETS	10 44 13.2 SURFACE-MTD. FIRE EXTINGUISHER CABINET	
07 41 13.3 METAL DOWNSPOUTS	09 29 00.4 TILE BACKING PANELS	10 51 13.1 LOCKERS	



DOT-200023
ODOT - EATON
OUTPOST

5656 US-127 Eaton, Ohio 45320

MARK	DATE	DESCRIPTION
1	12/17/2021	REVISION 1 PERMIT / BID SET
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-	11/12/2021	PERMIT SET

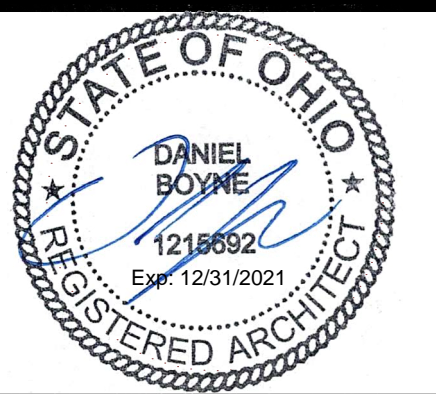
PROJECT NO: **DOT-200023**
 DATE: **12/17/2021**
 DRAWN BY: **MWM**

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SHEET TITLE

SECTIONS

A-300



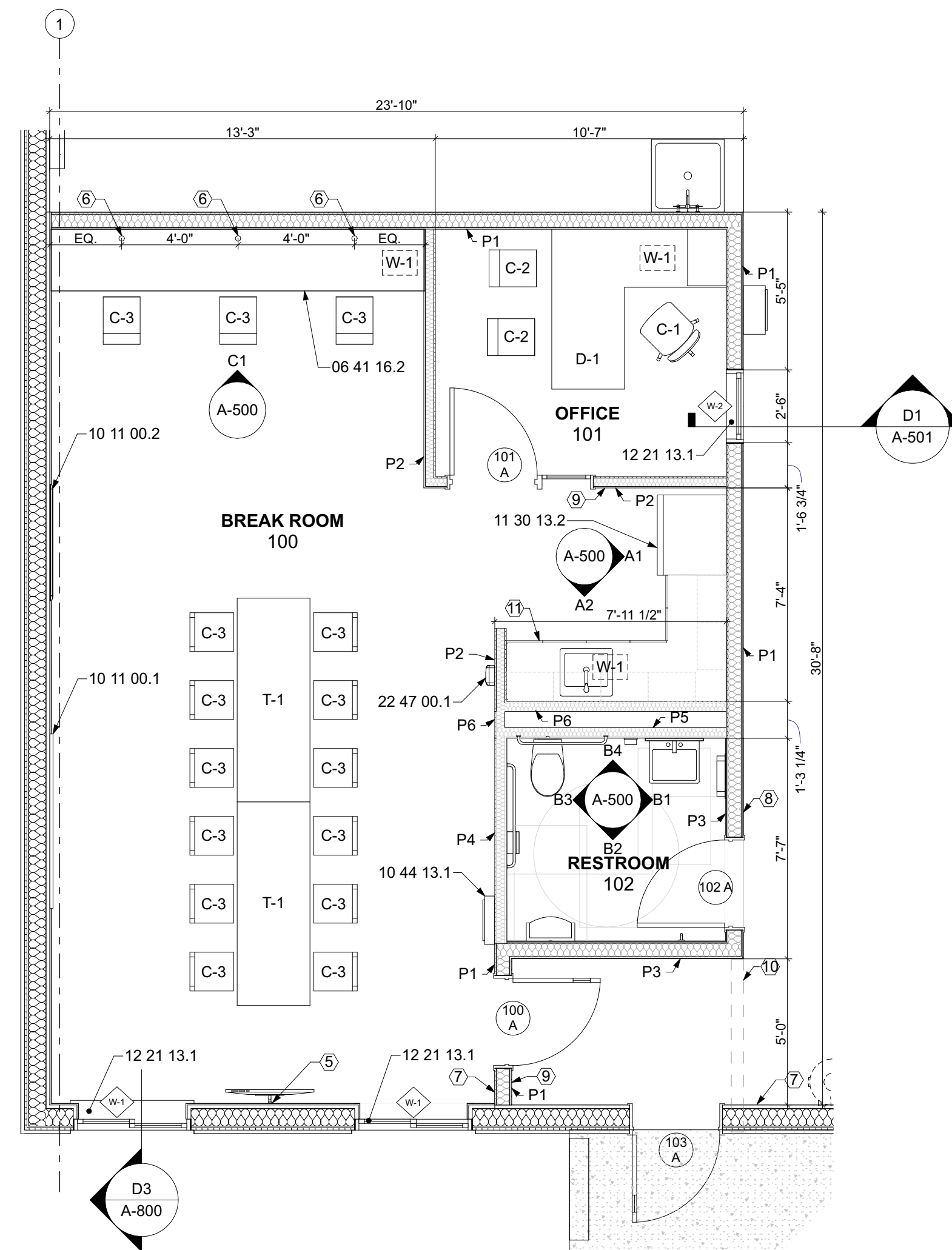
DOT-20023
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OUTPOST

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D2
A-400 ENLARGED OFFICE PLAN
 SCALE: 1/4" = 1'-0"

FURNITURE SCHEDULE: (REFER TO SPECIFICATION 12 15 00)

C-1	MID-BACK TASK CHAIR (QTY 1)
C-2	GUEST CHAIR (QTY 2)
C-3	STACKING CHAIR (QTY 17)
D-1	DESK W/ RIGHT RETURN, FULL MODESTY, BBF + FF (QTY 1)
T-1	84"x30" LAMINATE NESTING TABLE (QTY 2)
W-1	7 GALLON PLASTIC WASTE RECEPTACLE (QTY 3)
W-2	35 GALLON PLASTIC OPEN TOP WASTE RECEPTACLE (QTY 2)

PLAN GENERAL NOTES:

- JOINT SEALANT (07 92 00) SHALL BE APPLIED AT ALL JOINTS OF DISSIMILAR MATERIAL.
- ALL OPENINGS AND THE EQUIPMENT THROUGH OPENINGS MUST BE COORDINATED. SEE STRUCTURAL AND MEP DRAWINGS. COORDINATE FINAL LOCATIONS WITH ARCHITECT.
- REFER TO CIVIL DRAWINGS FOR CONTINUATION AND LAYOUT OF EXTERIOR WALLS, STOOPS, CURBS, ETC.
- REFER TO STRUCTURAL DRAWINGS FOR CONTROL JOINTS IN INTERIOR CONCRETE SLABS (03 30 00), COORDINATE CONCRETE JOINTS WITH THE FINISH FLOOR MATERIALS.
- CUT HOLES IN WALL PANELS AND PROVIDE WEATHERTIGHT FLASHING BOOTS FOR ALL ROOF AND WALL PENETRATIONS. CONTRACTOR IS RESPONSIBLE FOR SEALING ALL OTHER PENETRATIONS WHERE BOOT IS NOT FEASIBLE. THE FINAL WEATHER TIGHTNESS OF THE BUILDING IS THE RESPONSIBILITY OF THE CONTRACTOR.
- PROVIDE BLOCKING FOR OVERHEAD DOOR OPENERS, MOTORS, SHAFT SUPPORTS, TRACKS, AND OPERATORS.
- ALL DOORS TO BE LOCATED WITH OUTSIDE EDGE OF FRAME 4" FROM FINISHED FACE OF ADJACENT PARTITION U.N.O.
- PROVIDE SUPPORT STEEL FOR ALL HVAC EQUIPMENT AS RECOMMENDED BY MANUFACTURER.
- COORDINATE UNDERGROUND UTILITIES WITH THE DEPTH OF TRENCH DRAINS (11 11 00).
- FINAL ELEVATIONS FOR EACH OF THE TRENCH DRAINS (11 11 00.1) AND CATCH BASINS TO BE COORDINATED WITH THE INSTALLATIONS OF THE CONCRETE FLOORS (03 30 00).
- ALL SLOPED SLABS SHALL HAVE A CONSISTANT SLOPE.
- COORDINATE INSTALLATION OF THE TRENCH DRAINS WITH CONCRETE FLOOR CONTROL JOINTS.
- ALL FURNISHINGS TO BE PROVIDED BY CONTRACTOR U.N.O. REFER TO SPECIFICATION 12 51 00.
- ALL FASTENERS, HARDWARE, CONDUIT, COVER PLATES, ETC. LOCATED IN WASHBAY TO BE STAINLESS STEEL UNLESS SPECIFICALLY APPROVED BY ARCHITECT IN WRITING.

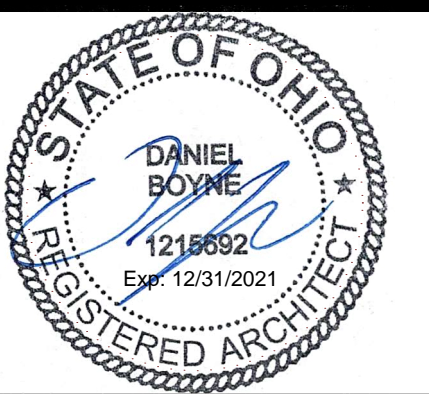
PLAN CODED NOTES:

- REINFORCED CONCRETE APRON/STOOP. SLOPE DOWN 1/8" PER FOOT FROM BUILDING. REFER TO STRUCTURAL.
- PROVIDE 4" HIGH CONCRETE HOUSEKEEPING PAD AT WASHBAY EQUIPMENT; COORDINATE FINAL DIMENSIONS WITH EQUIPMENT.
- PROVIDE 4" HIGH CONCRETE HOUSEKEEPING PAD AT MECHANICAL AND/OR ELECTRICAL EQUIPMENT; COORDINATE FINAL DIMENSIONS AND LOCATION WITH ARCHITECT.
- COORDINATE FINAL MOUNTING HEIGHT/LOCATION WITH ARCHITECT PRIOR TO INSTALLATION.
- PROVIDE HORIZONTAL WOOD BLOCKING AT 4", 6", AND 8" A.F.F. FOR FUTURE TV MOUNT (BY OWNER).
- DENOTES COUNTERTOP GROMMET.
- TACTILE EXIT SIGN. REFER TO SHEET A-500.
- TACTILE RESTROOM SIGN. REFER TO SHEET A-500.
- ROOM NAME SIGN. REFER TO SHEET A-500.
- EXTENTS OF EPOXY FLOORING SYSTEM. PROVIDE KEYED EDGE TRANSITION.
- CONTINUE EPOXY FLOORING AND INTERNAL BASE BELOW AND BEHIND BASE CABINETS.
- LOCATION OF IN-GROUND LOOP DETECTION FOR UNDERCARRIAGE WASH.

SPECIFICATION NOTES:

03 30 00.1	CAST-IN-PLACE CONCRETE	07 41 13.4	METAL ROOF RIDGE VENT	09 30 00.1	CERAMIC TILE	11 11 00.1	TRENCH DRAIN
03 30 00.2	TEXTURED/PIGMENTED CONCRETE	07 41 13.5	CAST-IRON DOWNSPOUT BOOT	09 51 13.1	ACOUSTICAL CEILING TILE	11 11 00.2	TRENCH DRAIN CATCH BASIN
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03 30 00.8	GROUT	07 42 13.1	METAL WALL PANELS	09 77 00.2	INTERLOCKING PVC PANELS	11 11 10.2	PRESSURE WASHER TROLLEY SYSTEM
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05 50 00.2	HOPE BOLLARD COVER	07 62 00.1	METAL FLASHING	10 11 00.1	MARKER BOARD	11 11 10.4	VEHICLE WASH PUMP
06 10 00.1	WOOD FRAMING	07 72 53.1	SNOW GUARD	10 11 00.2	TACK BOARD	11 11 10.5	VEHICLE WASH TANK
06 10 00.2	WOOD FURRING @ 24" O.C.	07 92 00.1	JOINT SEALANTS	10 22 13.1	WIRE MESH PARTITION	11 11 10.6	PRESSURE WASHER REMOTE SYSTEM
06 16 00.1	5/8" SHEATHING	08 11 13.1	HOLLOW METAL DOORS/FRAMES	10 28 00.1	TOILET TISSUE DISPENSER	11 11 10.7	VEHICLE WASH SWITCH
06 16 00.2	ROOF SHEATHING	08 22 20.1	FIBERGLASS DOORS/FRAMES	10 28 00.2	PAPER TOWEL DISPENSER	11 30 13.1	MICROWAVE
06 41 16.1	CABINET	08 31 13.1	ACCESS PANEL	10 28 00.3	WASTE RECEPTACLE	11 30 13.2	REFRIGERATOR
06 41 16.2	SOLID SURFACE COUNTERTOP	08 38 13.1	OVERHEAD SECTIONAL DOORS	10 28 00.4	SOAP DISPENSER	12 21 13.1	HORIZONTAL LOUVER BLINDS
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07 21 00.2	BATT INSULATION	08 51 13.1	ALUMINUM WINDOWS	10 28 00.7	COAT HOOK	23 34 00.1	EXHAUST FAN (REFER TO MECHANICAL)
07 21 00.3	RIGID INSULATION	08 80 00.1	GLAZING	10 28 00.8	FRAMED MIRROR UNIT	23 37 33	HVAC LOUVERS (REFER TO MECHANICAL)
07 21 00.4	INSULATION BAFFLE	09 22 16.1	METAL "Z" FURRING	10 28 00.9	UNDER LAVATORY GUARD	26 00 00.1	LIGHT FIXTURES (REFER TO ELECTRICAL)
07 25 00.1	AIR BARRIER	09 29 00.1	5/8" GYPSUM BOARD	10 28 00.10	MOP HOLDER / SHELVE	33 46 00.1	FOUNDATION DRAIN
07 41 13.1	METAL ROOF PANELS	09 29 00.2	1/2" GYPSUM BOARD	10 44 13.1	SEMI-RECESSED FIRE EXTINGUISHER CABINET		
07 41 13.2	METAL GUTTERS	09 29 00.3	SOUND ATTENUATION BLANKETS	10 44 13.2	SURFACE-MTD. FIRE EXTINGUISHER CABINET		
07 41 13.3	METAL DOWNSPOUTS	09 29 00.4	TILE BACKING PANELS	10 51 13.1	LOCKERS		

SHEET TITLE
ENLARGED OFFICE PLAN
A-400



DOT-20023 ODOT - EATON OUTPOST

5656 US-127 Eaton, Ohio 45320

MARK	DATE	DESCRIPTION
1	12/17/2021	REVISION 1 PERMIT / BID SET
-	12/10/2021	BID SET
-	11/12/2021	PERMIT SET

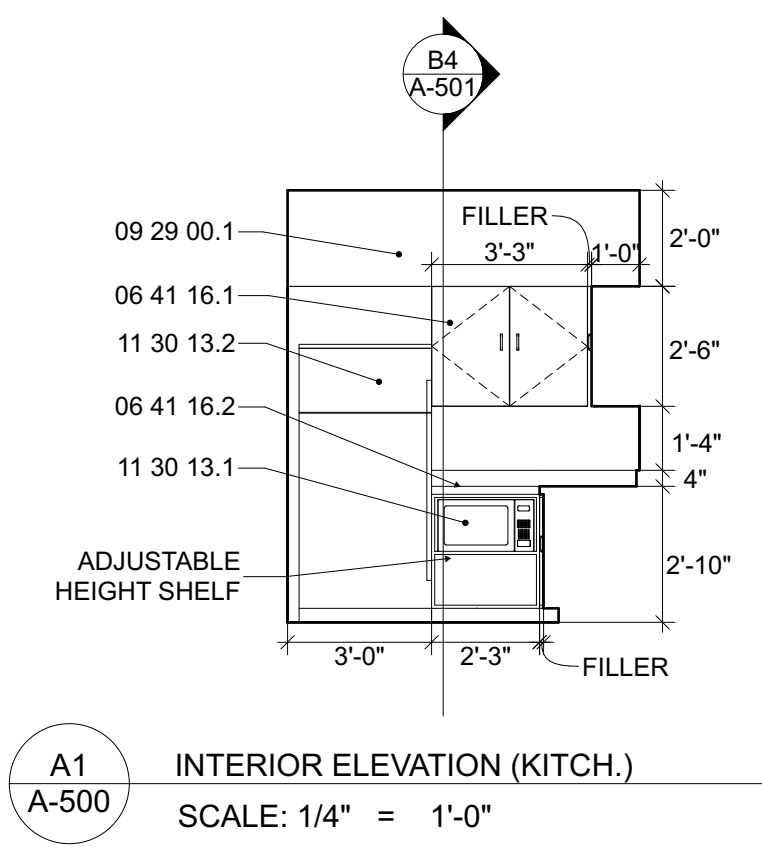
PROJECT NO:	DOT-200023
DATE:	12/17/2021
DRAWN BY:	MWM

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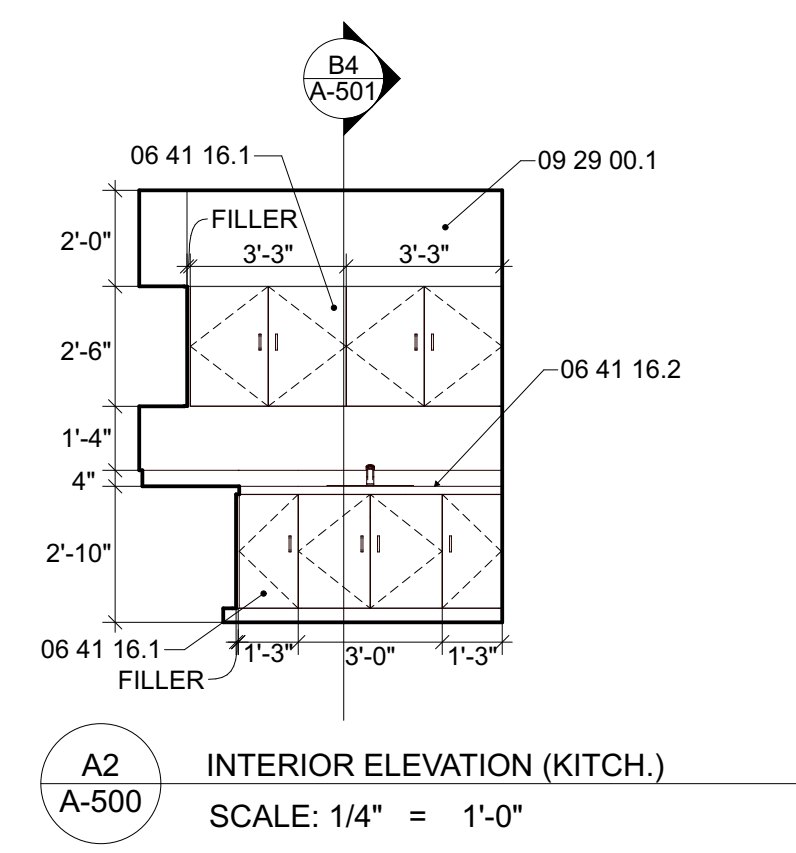
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INTERIOR ELEVATIONS

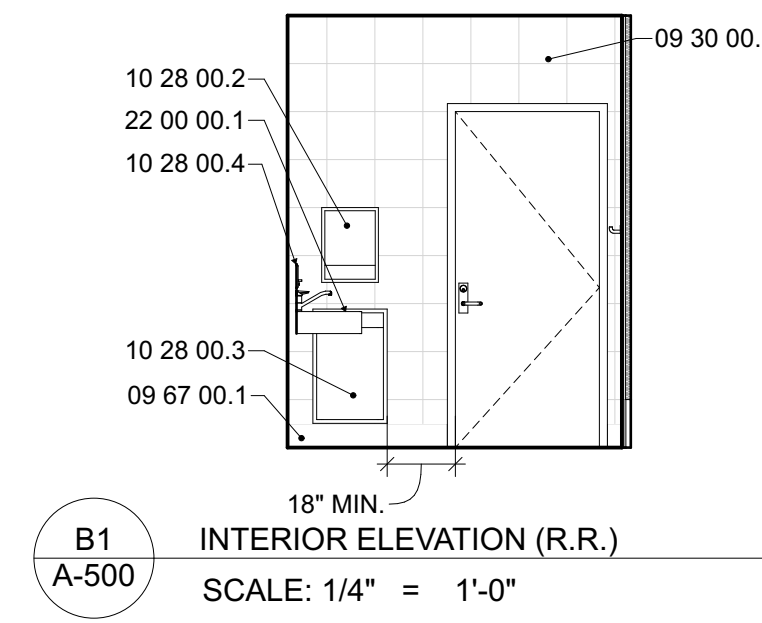
A-500



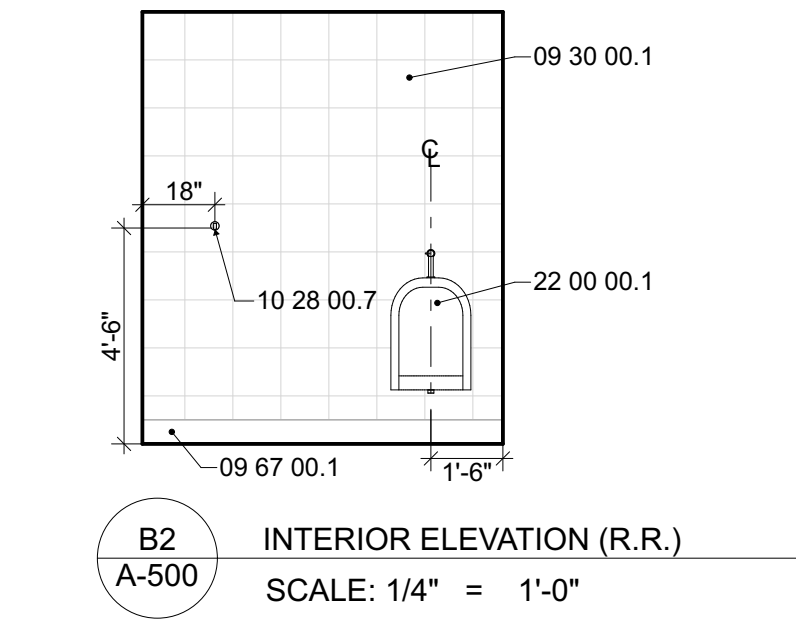
A1
A-500 INTERIOR ELEVATION (KITCH.)
SCALE: 1/4" = 1'-0"



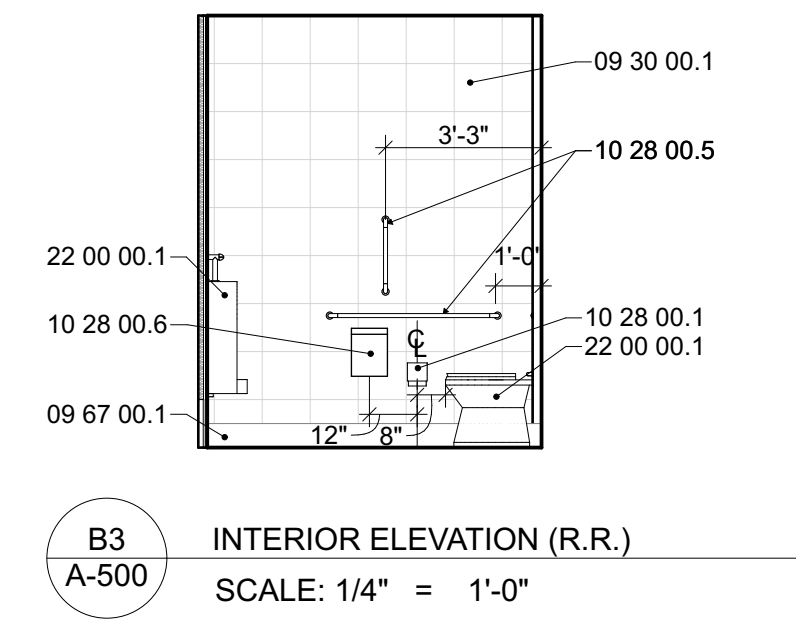
A2
A-500 INTERIOR ELEVATION (KITCH.)
SCALE: 1/4" = 1'-0"



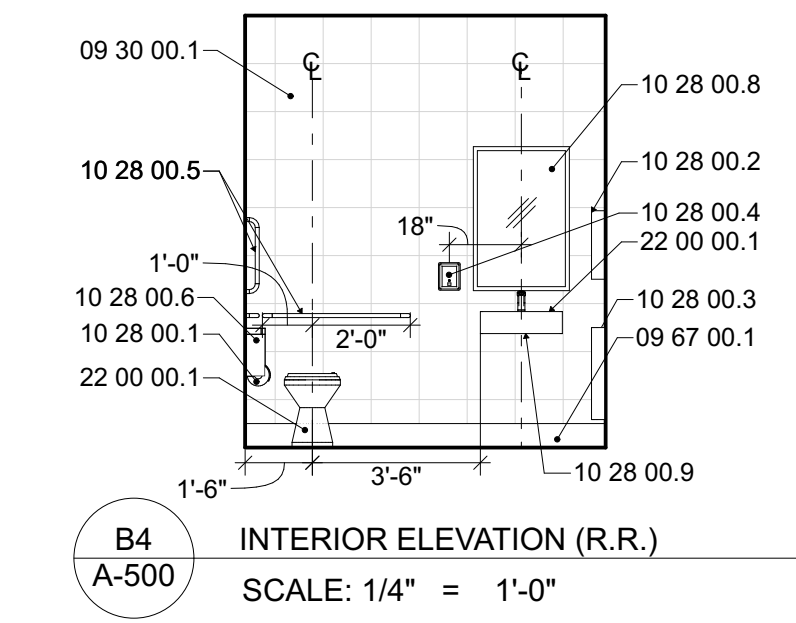
B1
A-500 INTERIOR ELEVATION (R.R.)
SCALE: 1/4" = 1'-0"



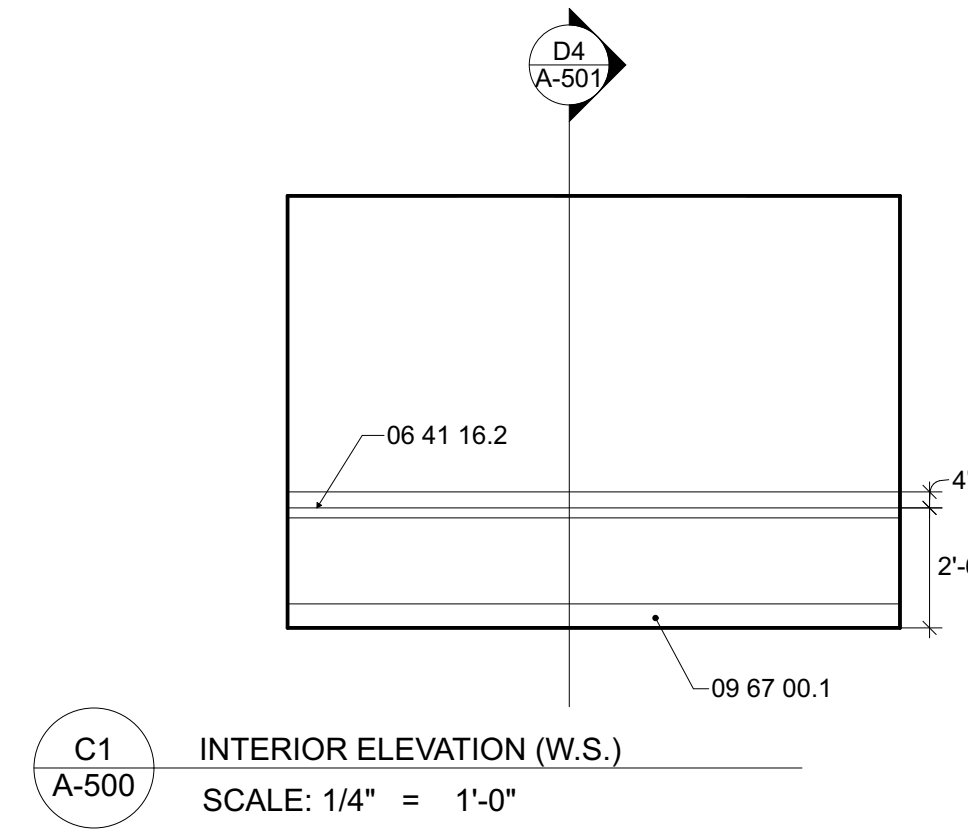
B2
A-500 INTERIOR ELEVATION (R.R.)
SCALE: 1/4" = 1'-0"



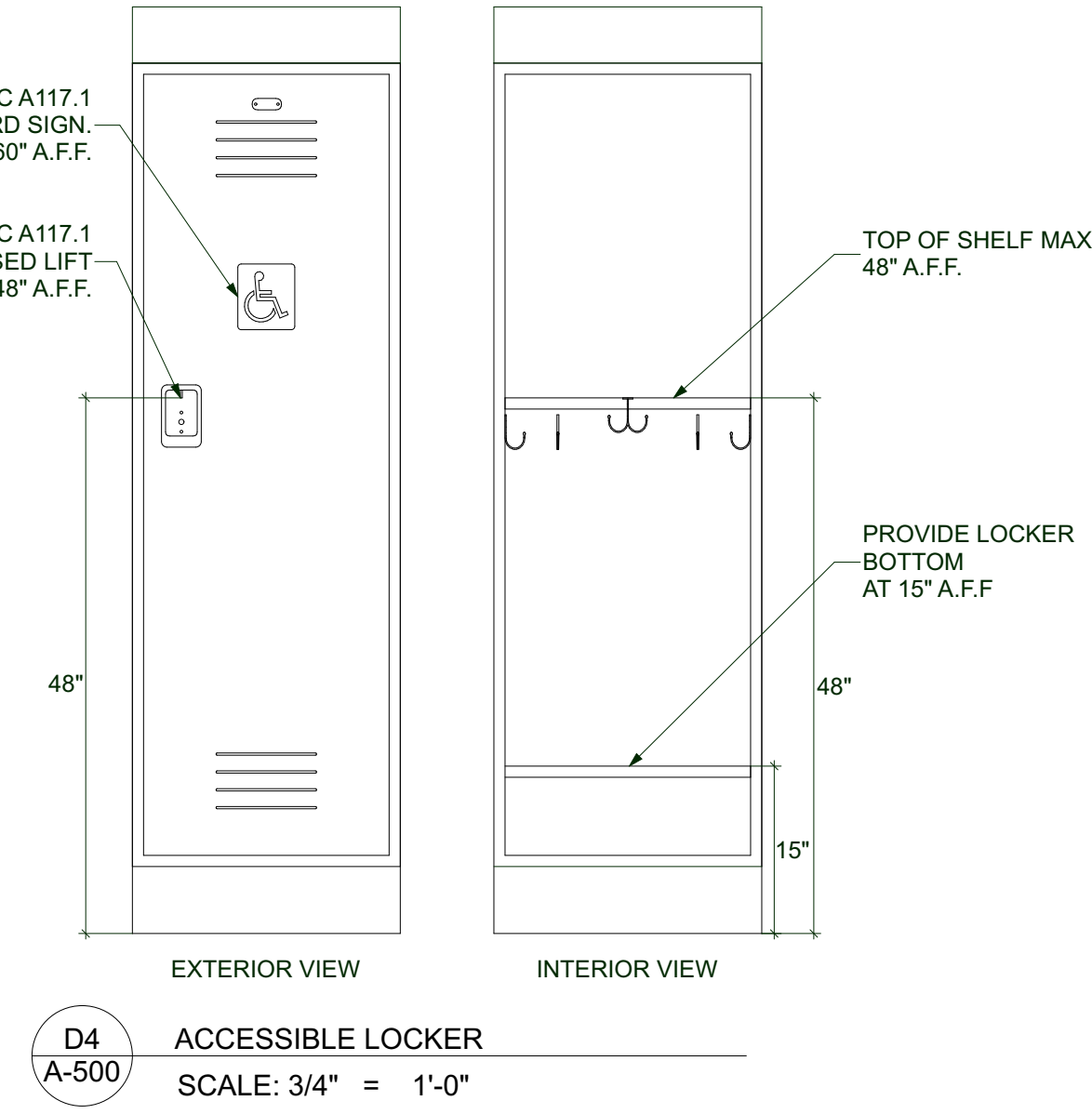
B3
A-500 INTERIOR ELEVATION (R.R.)
SCALE: 1/4" = 1'-0"



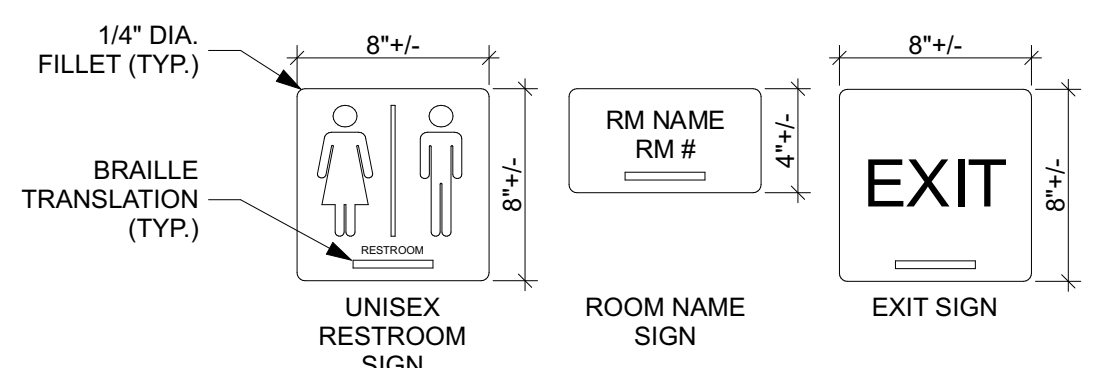
B4
A-500 INTERIOR ELEVATION (R.R.)
SCALE: 1/4" = 1'-0"



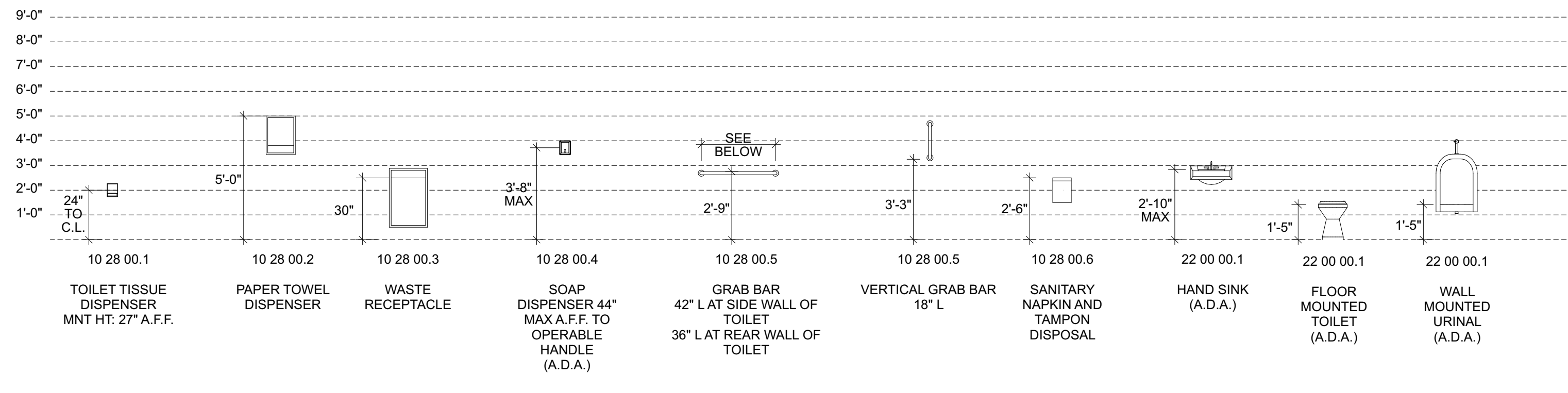
C1
A-500 INTERIOR ELEVATION (W.S.)
SCALE: 1/4" = 1'-0"



D4
A-500 ACCESSIBLE LOCKER
SCALE: 3/4" = 1'-0"



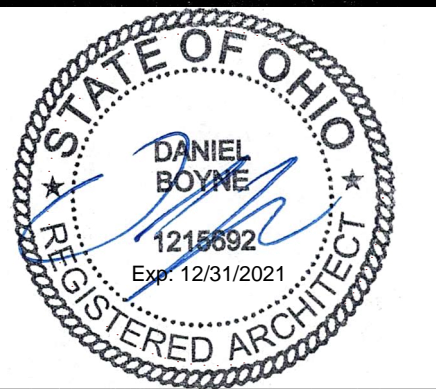
- GENERAL NOTES ON INTERIOR SIGNAGE:**
- REFER TO FLOOR PLANS FOR SIGNAGE LOCATIONS.
 - MOUNT SIGNS 4'-8" A.F.F. TO CENTERLINE OF BRAILLE.
 - COORDINATE FINAL ROOM NAMES AND NUMBERS WITH OWNER.
 - VERIFY FINAL LAYOUT OF SIGNAGE WITH ARCHITECT.



NOTES: COORDINATE ALL MOUNTING REQUIREMENTS WITH ICCA117.1 GUIDELINES. REFER TO INTERIOR ELEVATIONS, AND MOUNTING HEIGHT SCHEDULE (THIS SHEET) FOR LOCATIONS OF RESTROOM ACCESSORIES AND FIXTURES.

SPECIFICATION NOTES:

03 30 00.1 CAST-IN-PLACE CONCRETE	07 41 13.4 METAL ROOF RIDGE VENT	09 30 00.1 CERAMIC TILE	11 11 00.1 TRENCH DRAIN
03 30 00.2 TEXTURED/PIGMENTED CONCRETE	07 41 13.5 CAST-IRON DOWNSPOUT BOOT	09 51 13.1 ACOUSTICAL CEILING TILE	11 11 00.2 TRENCH DRAIN CATCH BASIN
03 30 00.3 VAPOR BARRIER	07 41 13.6 METAL FASCIA	09 65 13.1 RESILIENT BASE	11 11 00.5 COMPRESSED AIR REEL
03 30 00.4 GRAVEL BASE	07 41 13.7 UNDERLAYMENT	09 67 00.1 EPOXY FLOORING SYSTEM	11 11 00.9 WATER REEL AND HOSE
03 30 00.7 EXPANSION JT	07 41 13.8 PERFORATED METAL SOFFIT PANEL	09 77 00.1 FRP PANELS	11 11 10.1 PRESSURE WASHER
03 30 00.8 GROUT	07 42 13.1 METAL WALL PANELS	09 77 00.2 INTERLOCKING PVC PANELS	11 11 10.2 PRESSURE WASHER TROLLEY SYSTEM
05 50 00.1 GALVANIZED STEEL BOLLARD W/ COVER	07 42 13.2 METAL LINER PANELS	09 96 00.1 EPOXY PAINT	11 11 10.3 UNDERCARRIAGE WASH
05 50 00.2 HDPE BOLLARD COVER	07 62 00.1 METAL FLASHING	10 11 00.1 MARKER BOARD	11 11 10.4 VEHICLE WASH PUMP
06 10 00.1 WOOD FRAMING	07 72 53.1 SNOW GUARD	10 11 00.2 TACK BOARD	11 11 10.5 VEHICLE WASH TANK
06 10 00.2 WOOD FURRING @ 24\"/>			



DOT-20023 ODOT - EATON OUTPOST

5656 US-127 Eaton, Ohio 45320

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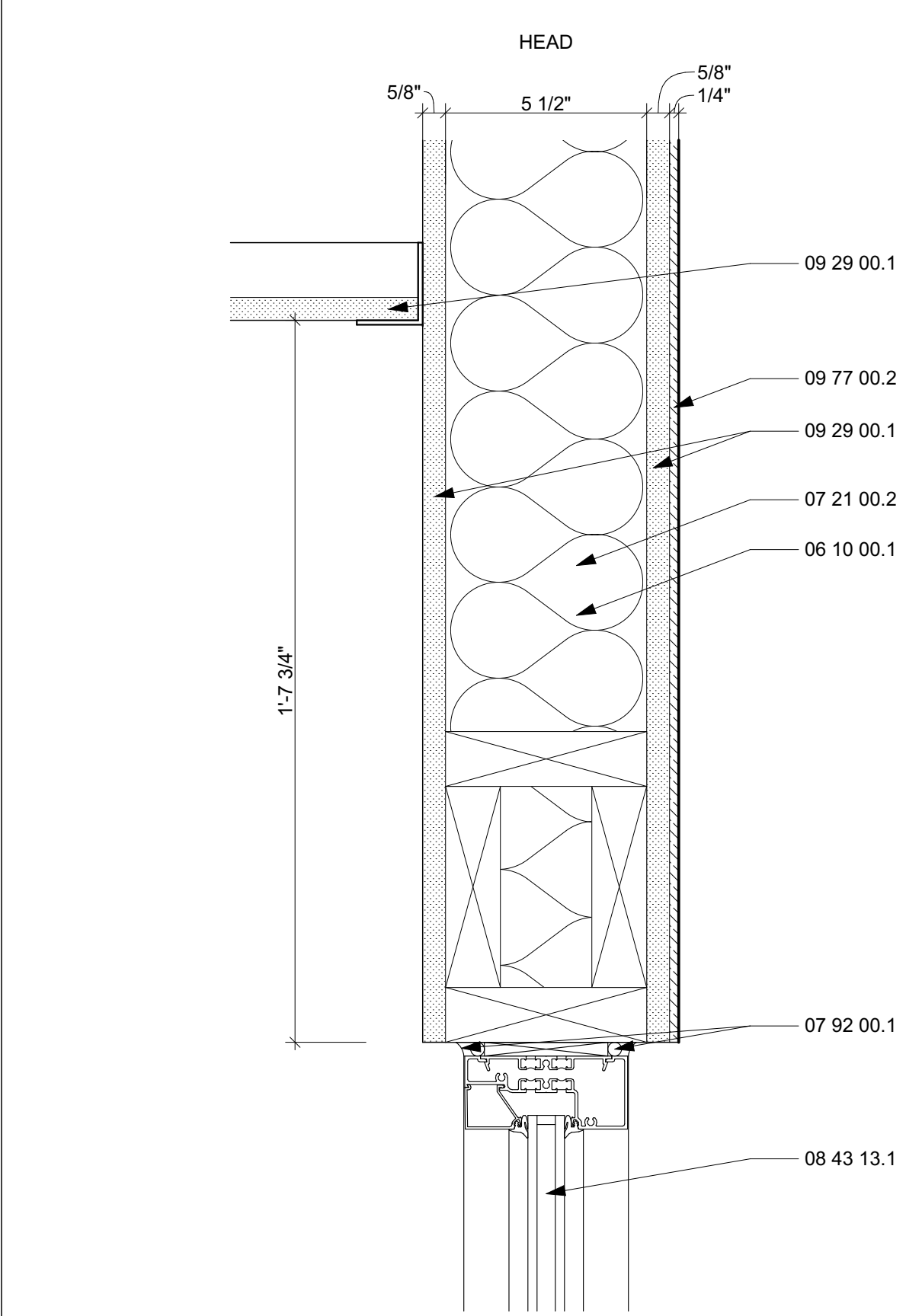
PROJECT NO: **DOT-20023**
DATE: **12/17/2021**
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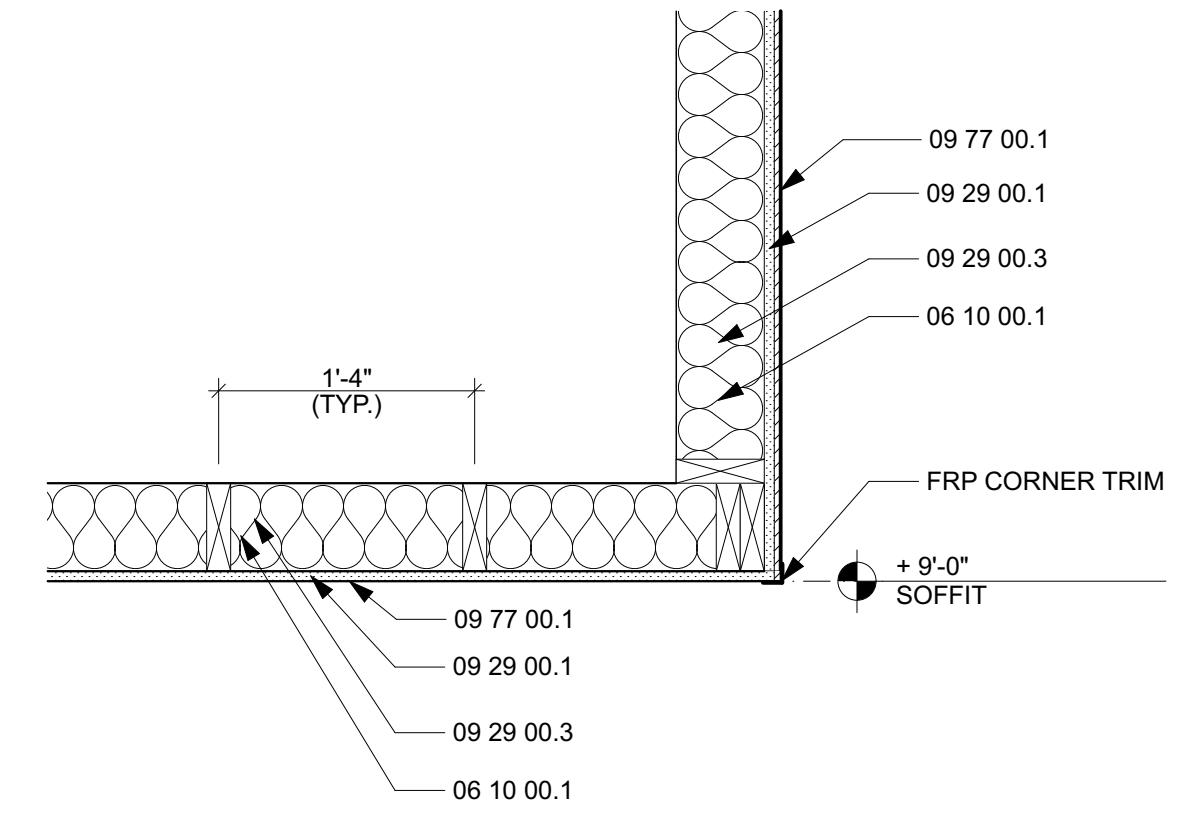
SHEET TITLE

INTERIOR DETAILS

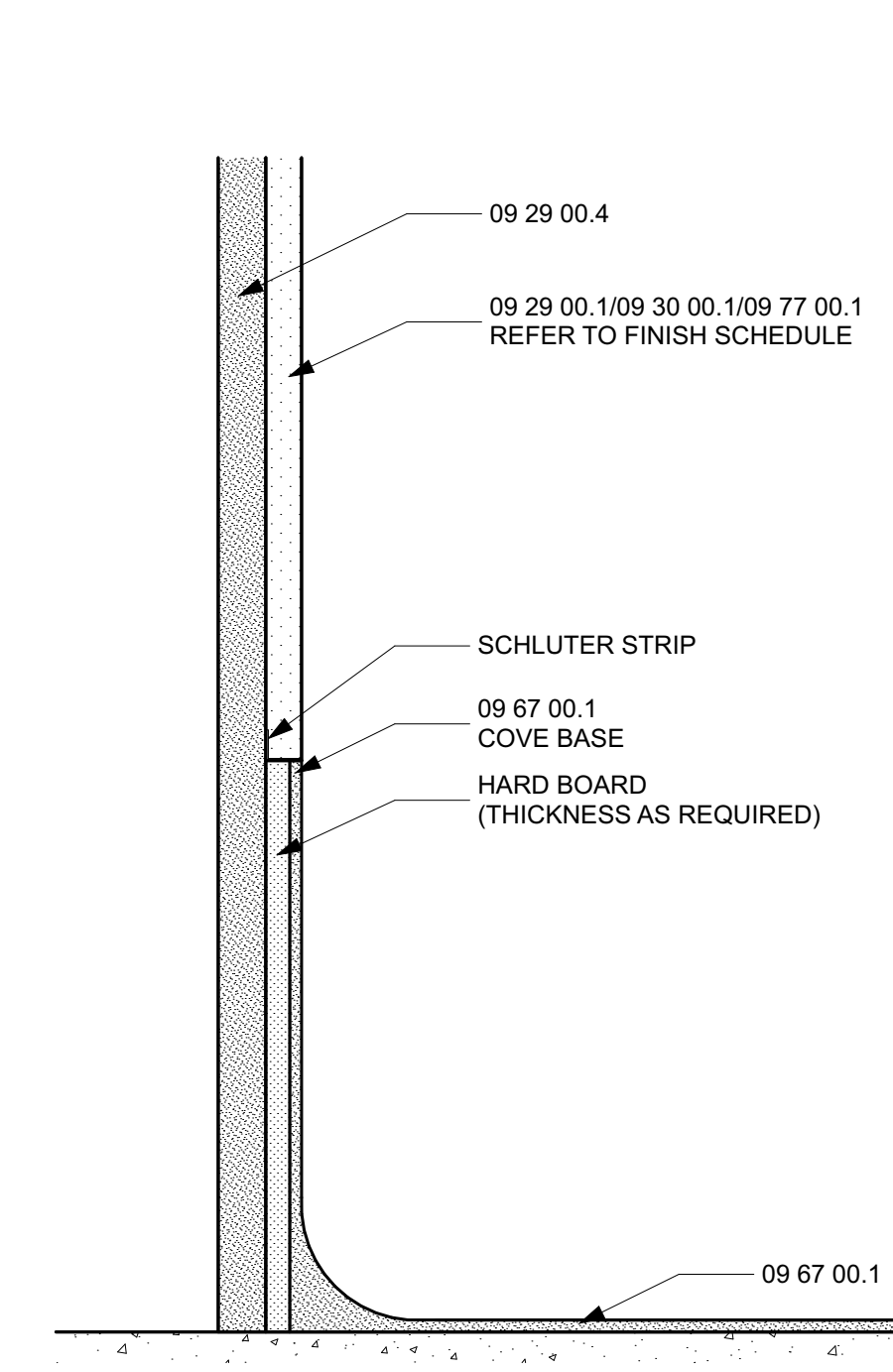
A-501



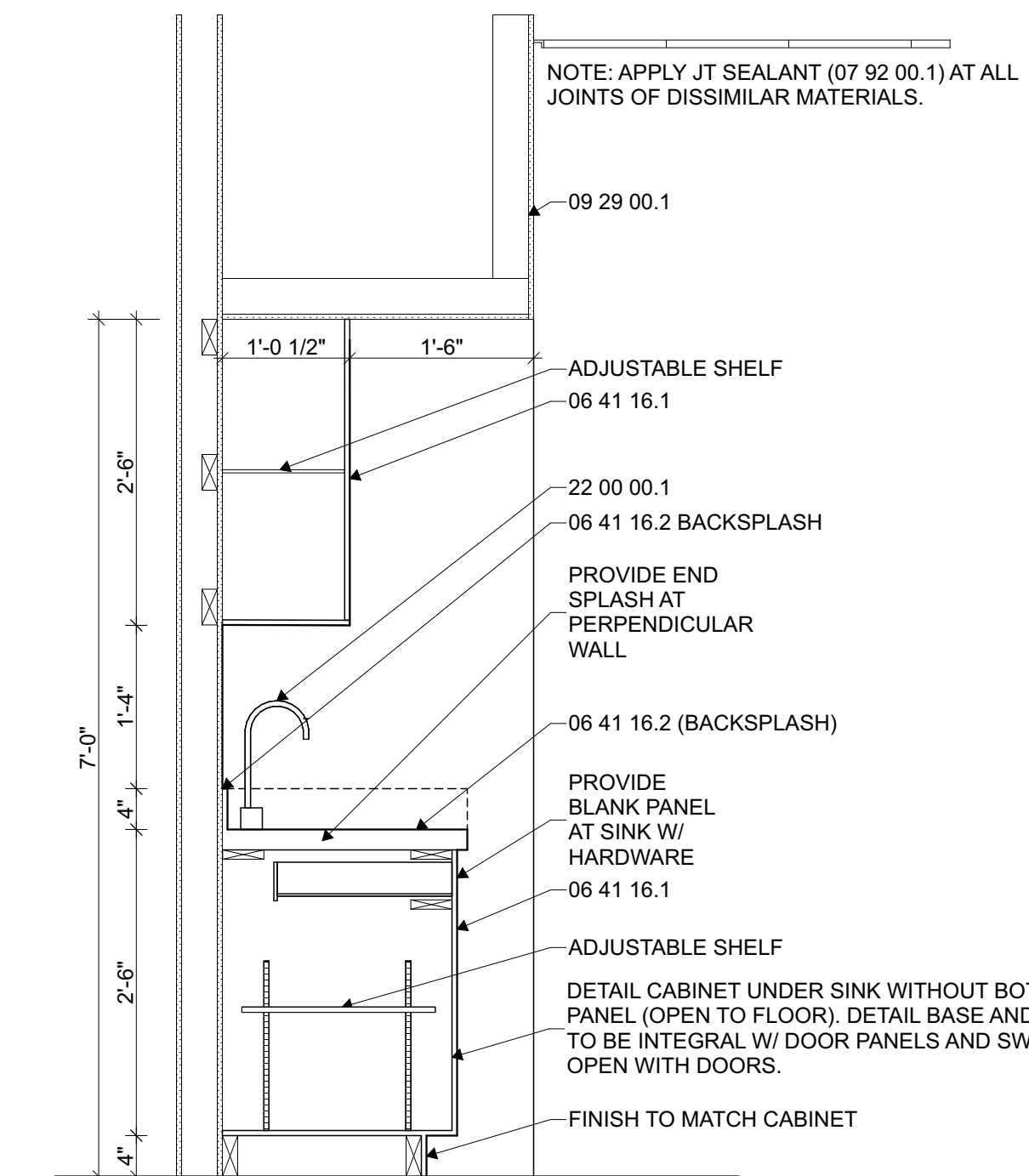
A2
A-501 HALLWAY SOFFIT DETAIL
SCALE: 1" = 1'-0"



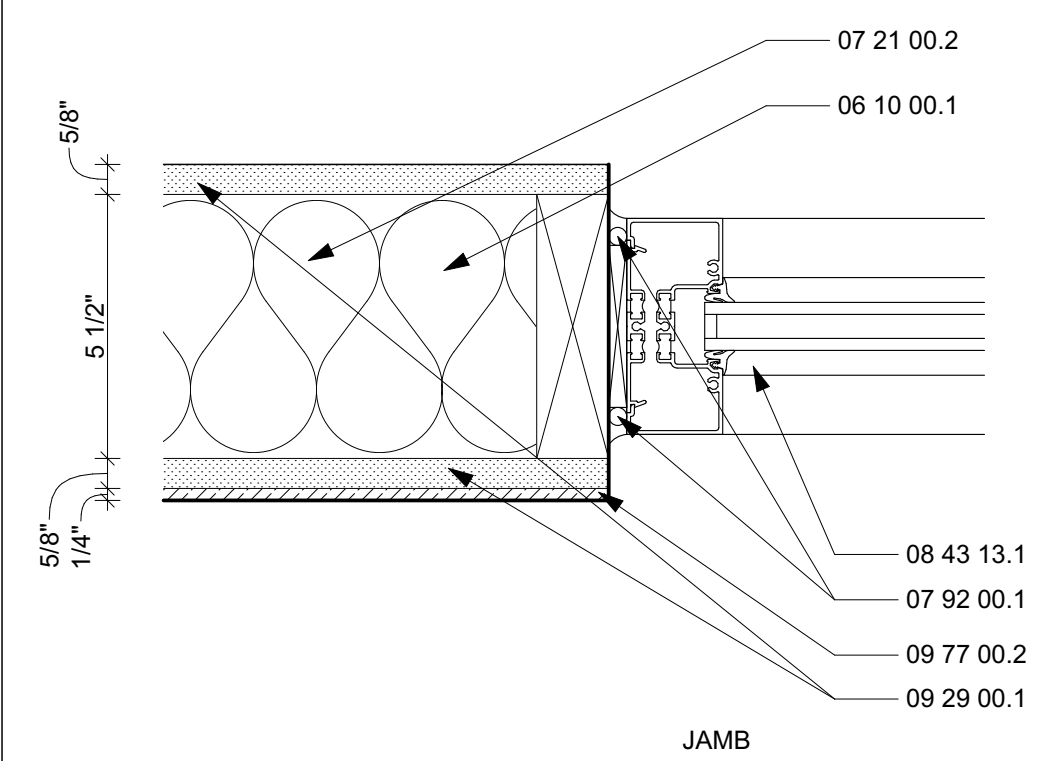
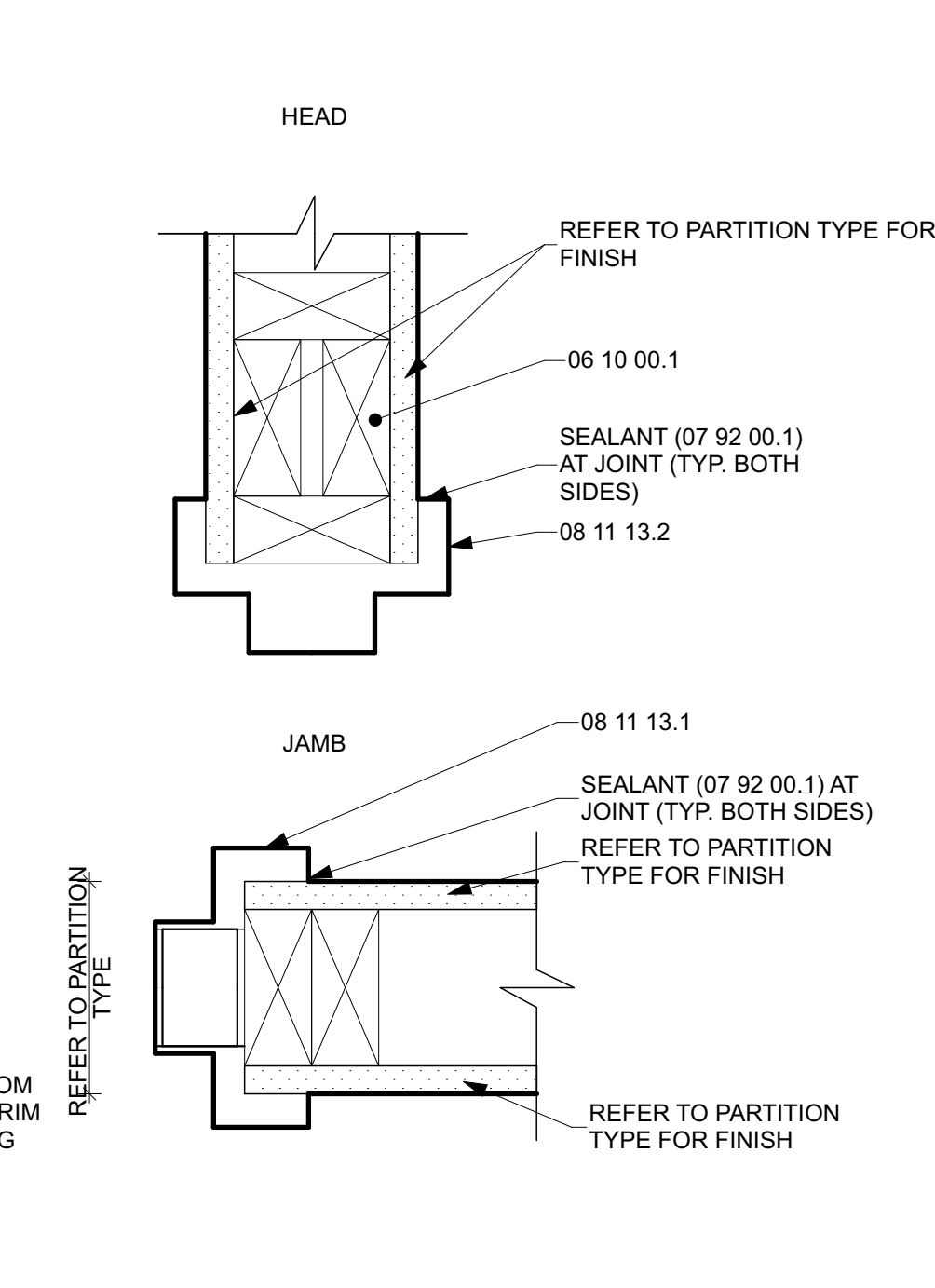
B3
A-501 EPOXY COVE BASE
SCALE: 6" = 1'-0"



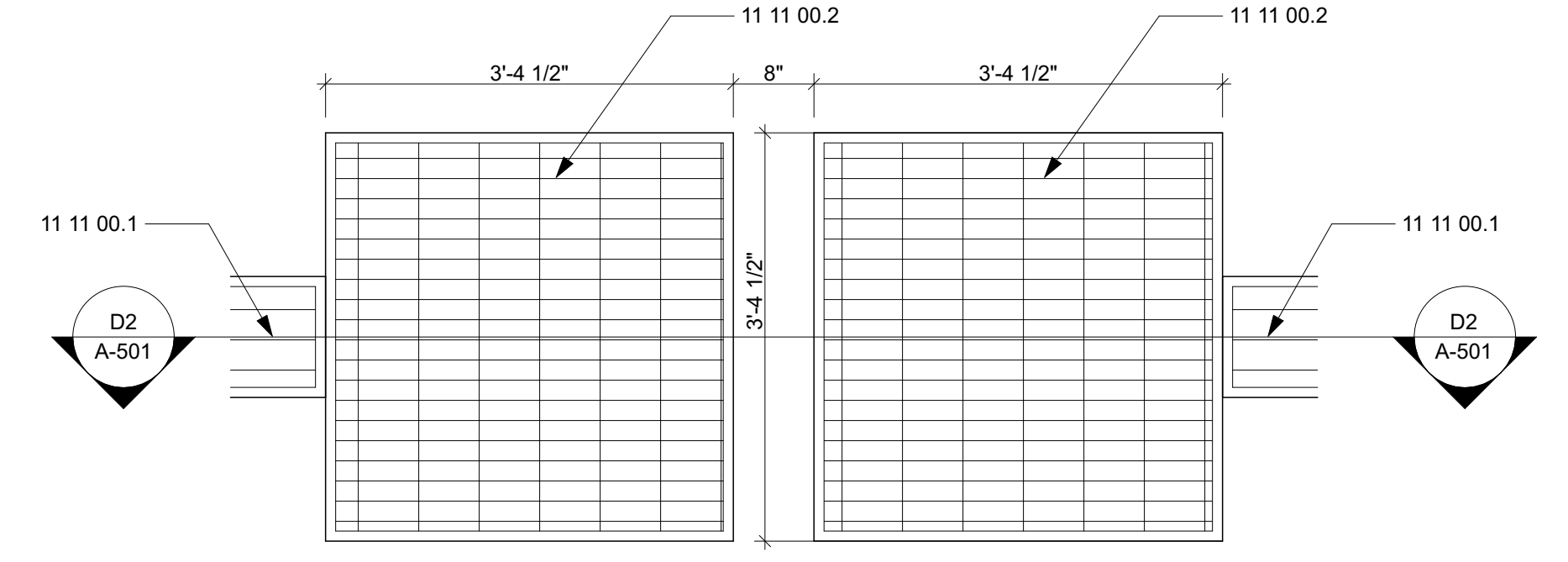
B4
A-501 KITCHENETTE SECTION
SCALE: 3/4" = 1'-0"



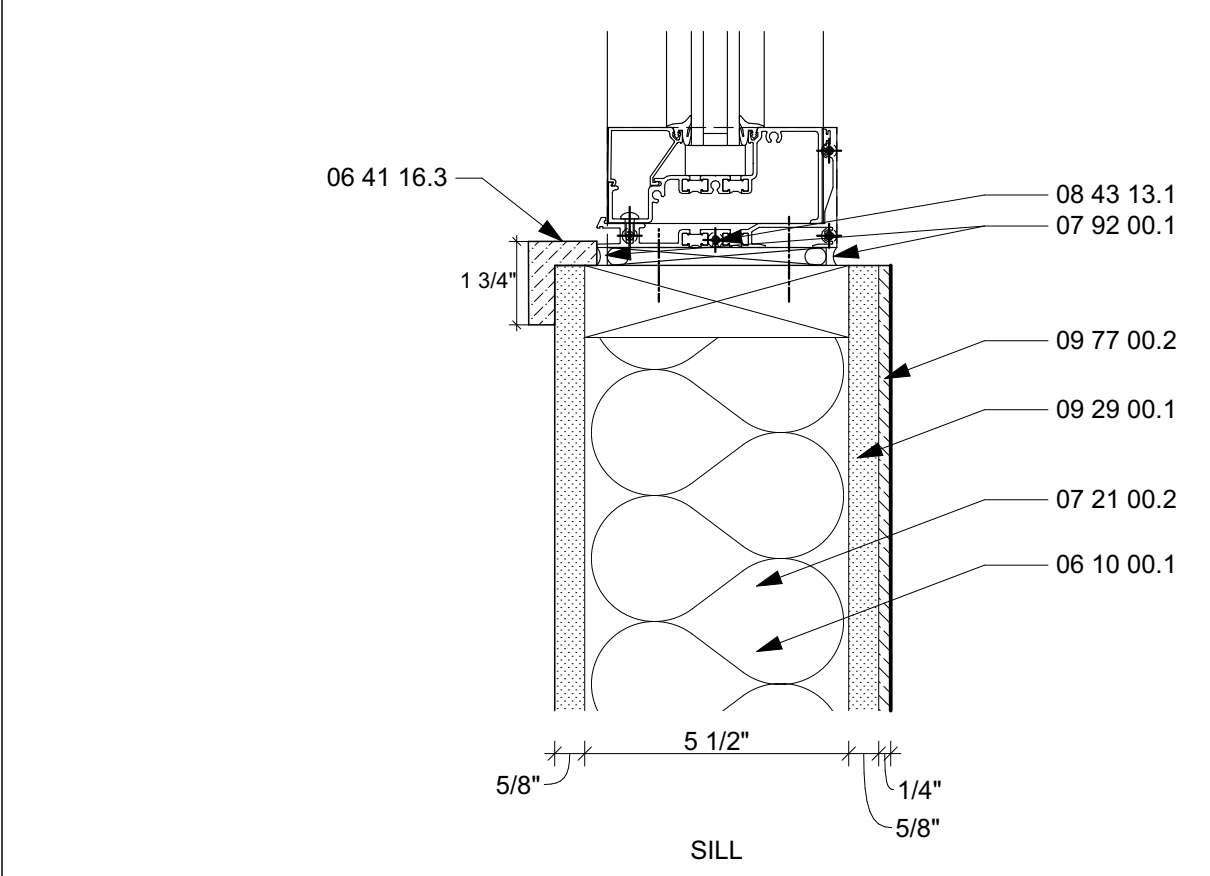
B5
A-501 INTERIOR HEAD AND JAMB DETAILS - WOOD STUD
SCALE: 3" = 1'-0"



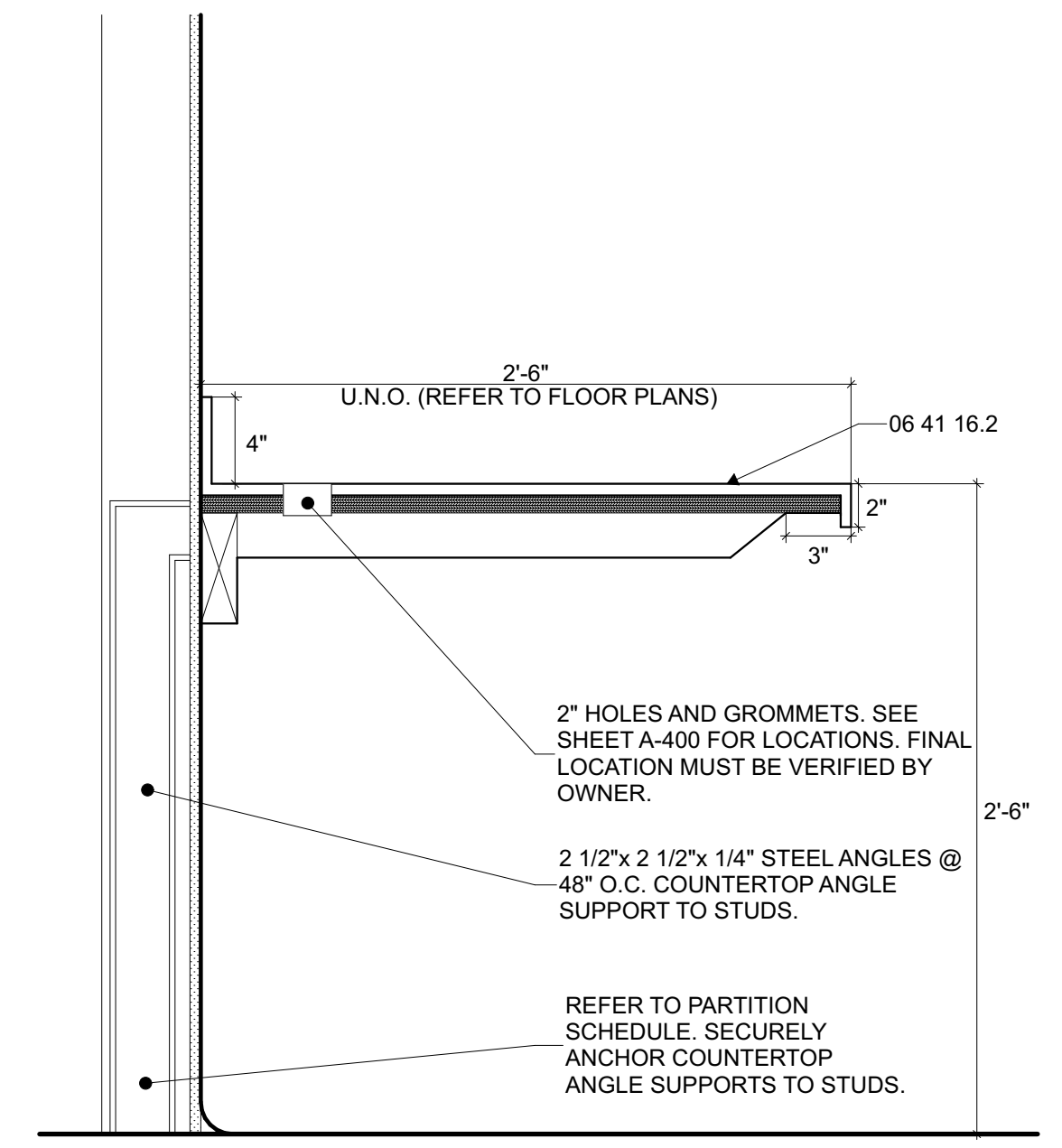
C2
A-501 TRENCH DRAIN DETAIL
SCALE: 3/4" = 1'-0"



D2
A-501 CATCH BASIN SECTION DETAIL
SCALE: 3/4" = 1'-0"



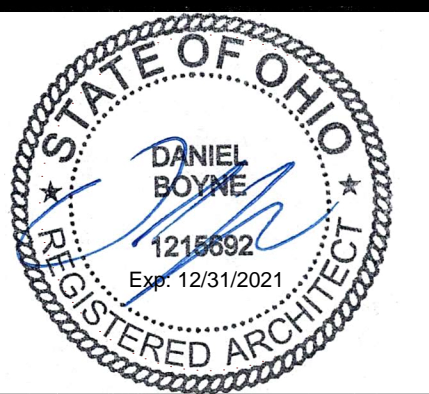
D1
A-501 INTERIOR STOREFRONT HEAD/SILL/JAMB
SCALE: 3" = 1'-0"



D4
A-501 COUNTERTOP AT GYPSUM BOARD WALL
SCALE: 1 1/2" = 1'-0"

SPECIFICATION NOTES:

03 30 00.1 CAST-IN-PLACE CONCRETE	07 41 13.4 METAL ROOF RIDGE VENT	09 30 00.1 CERAMIC TILE	11 11 00.1 TRENCH DRAIN
03 30 00.2 TEXTURED/PIGMENTED CONCRETE	07 41 13.5 CAST-IRON DOWNSPOUT BOOT	09 51 13.1 ACOUSTICAL CEILING TILE	11 11 00.2 TRENCH DRAIN CATCH BASIN
03 30 00.3 VAPOR BARRIER	07 41 13.6 METAL FASCIA	09 65 13.1 RESILIENT BASE	11 11 00.3 COMPRESSED AIR REEL
03 30 00.4 GRAVEL BASE	07 41 13.7 UNDERLAYMENT	09 67 00.1 EPOXY FLOORING SYSTEM	11 11 00.5 WATER REEL AND HOSE
03 30 00.7 EXPANSION JT	07 41 13.8 PERFORATED METAL SOFFIT PANEL	09 77 00.1 FRP PANELS	11 11 10.1 PRESSURE WASHER
03 30 00.8 GROUT	07 42 13.1 METAL WALL PANELS	09 77 00.2 INTERLOCKING PVC PANELS	11 11 10.2 PRESSURE WASHER TROLLEY SYSTEM
05 50 00.1 GALVANIZED STEEL BOLLARD W/ COVER	07 42 13.2 METAL LINER PANELS	09 96 00.1 EPOXY PAINT	11 11 10.3 UNDERCARRIAGE WASH
05 50 00.2 HDPE BOLLARD COVER	07 62 00.1 METAL FLASHING	10 11 00.1 MARKER BOARD	11 11 10.4 VEHICLE WASH PUMP
06 10 00.1 WOOD FRAMING	07 72 53.1 SNOW GUARD	10 11 00.2 TACK BOARD	11 11 10.5 VEHICLE WASH TANK
06 10 00.2 WOOD FURRING @ 24" O.C.	07 92 00.1 JOINT SEALANTS	10 22 13.1 WIRE MESH PARTITION	11 11 10.6 PRESSURE WASHER REMOTE SYSTEM
06 16 00.1 5/8" SHEATHING	08 11 13.1 HOLLOW METAL DOORS/FRAMES	10 28 00.1 TOILET TISSUE DISPENSER	11 11 10.7 VEHICLE WASH SWITCH
06 16 00.2 ROOF SHEATHING	08 22 20.1 FIBERGLASS DOORS/FRAMES	10 28 00.2 PAPER TOWEL DISPENSER	11 30 13.1 MICROWAVE
06 41 16.1 CABINET	08 31 13.1 ACCESS PANEL	10 28 00.3 WASTE RECEPTACLE	11 30 13.2 REFRIGERATOR
06 41 16.2 SOLID SURFACE COUNTERTOP	08 38 13.1 OVERHEAD SECTIONAL DOORS	10 28 00.4 SOAP DISPENSER	12 21 13.1 HORIZONTAL LOUVER BLINDS
06 41 16.3 SOLID SURFACE WINDOW SILL	08 38 14.1 WASHBAY OVERHEAD DOORS	10 28 00.5 GRAB BAR	22 00 00.1 PLUMBING FIXTURE(REFER TO PLUMBING DRAWINGS)
07 21 00.1 FOUNDATION INSULATION	08 43 13.1 ALUMINUM FRAME STOREFRONTS	10 28 00.6 SANITARY NAPKIN DISPOSAL	22 47 00.1 BOTTLE FILLER
07 21 00.2 BATT INSULATION	08 51 13.1 ALUMINUM WINDOWS	10 28 00.7 COAT HOOK	23 34 00.1 EXHAUST FAN (REFER TO MECHANICAL)
07 21 00.3 RIGID INSULATION	08 80 00.1 GLAZING	10 28 00.8 FRAMED MIRROR UNIT	23 37 33 HVAC LOUVERS (REFER TO MECHANICAL)
07 21 00.4 INSULATION BAFFLE	09 22 16.1 METAL "Z" FURRING	10 28 00.9 UNDER LAVATORY GUARD	26 00 00.1 LIGHT FIXTURES (REFER TO ELECTRICAL)
07 25 00.1 AIR BARRIER	09 29 00.1 5/8" GYPSUM BOARD	10 28 00.10 MOIP HOLDER/ SHELF	33 46 00.1 FOUNDATION DRAIN
07 41 13.1 METAL ROOF PANELS	09 29 00.2 1/2" GYPSUM BOARD	10 44 13.1 SEMI-RECESSED FIRE EXTINGUISHER CABINET	
07 41 13.2 METAL GUTTERS	09 29 00.3 SOUND ATTENUATION BLANKETS	10 44 13.2 SURFACE-MTD. FIRE EXTINGUISHER CABINET	
07 41 13.3 METAL DOWNSPOUTS	09 29 00.4 TILE BACKING PANELS	10 51 13.1 LOCKERS	



DOT-20023
ODOT - EATON
OUTPOST

5656 US-127 Eaton, Ohio 45320

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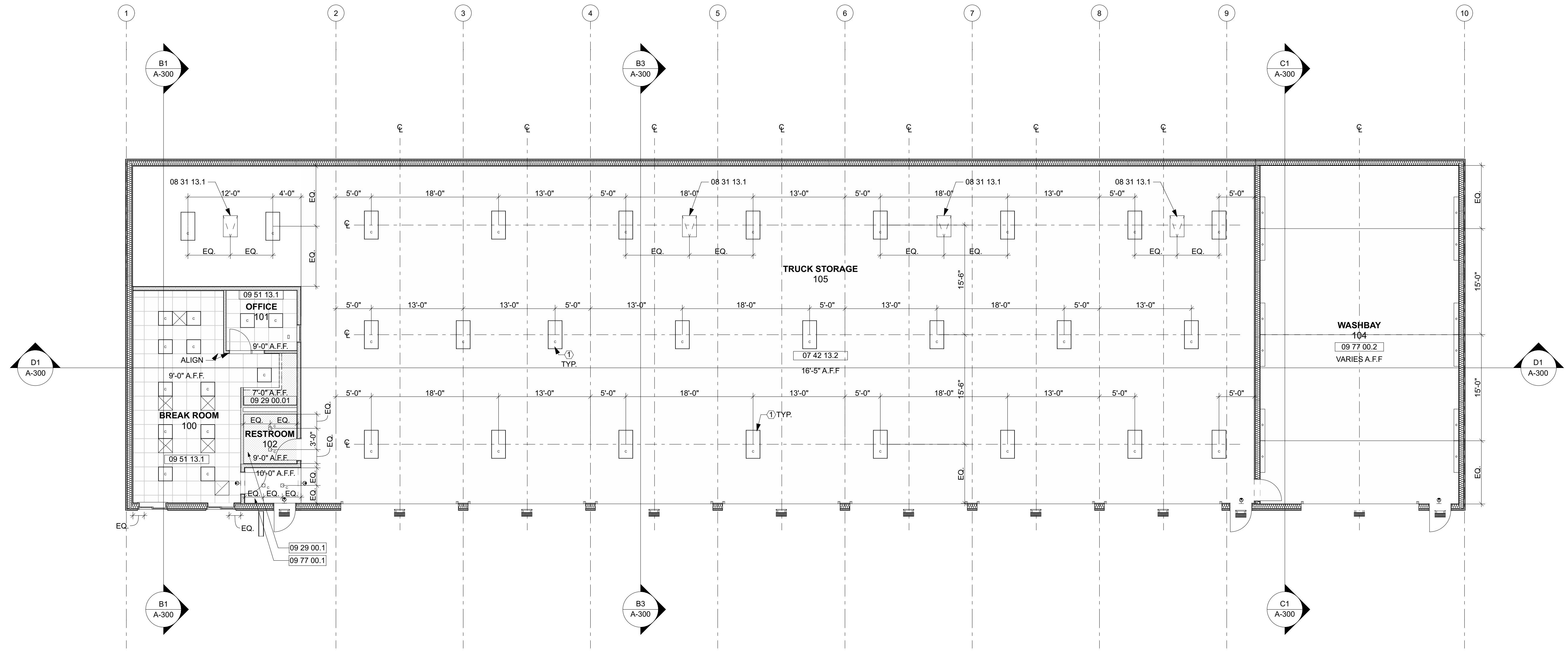
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SHEET TITLE

REFLECTED CEILING PLAN

A-600



A1
A-600 REFLECTED CEILING PLAN
 SCALE: 1/8" = 1'-0"

REFLECTED CEILING PLAN GENERAL NOTES:

- SEE MEP FOR FURTHER DETAILS.
- REFER TO THE REFLECTED CEILING PLAN FIXTURE SCHEDULE AND CODED NOTES FOR MOUNTING HEIGHTS OF SUSPENDED LIGHT FIXTURES.
- COORDINATE OVERHEAD SECTIONAL DOORS MOTOR LOCATIONS WITH THE POWER SUPPLY INDICATED ON THE ELECTRICAL DRAWINGS.
- PROVIDE SUPPORT FRAMING AROUND ALL RECESSED LIGHTING FIXTURES.
- PROVIDE SEALANT BETWEEN ALL HVAC PENETRATIONS AND GYPSUM BOARD CEILINGS.
- VERIFY ALL STRUCTURAL MEMBERS AND CONNECTIONS INCLUDING LOAD REQUIREMENTS FOR EQUIPMENT AND AUXILIARY ITEMS ATTACHED TO THE BUILDING STRUCTURE.
- PRVIDE FRAMING FOR EXHAUST FANS (23 24 00.1). REFER TO HVAC DRAWINGS.
- COORDINATE THE LOCATIONS OF ALL OVERHEAD DOOR TRACKS, LIGHT FIXTURES, HCAV EQUIPMENT, AND PLUMBING.
- REFER TO ELECTRICAL DRAWINGS AND ELEVATIONS (A-200) FOR LOCATIONS OF EXTERIOR LIGHTING FIXTURES (26 00 00.1).

CODED NOTES:

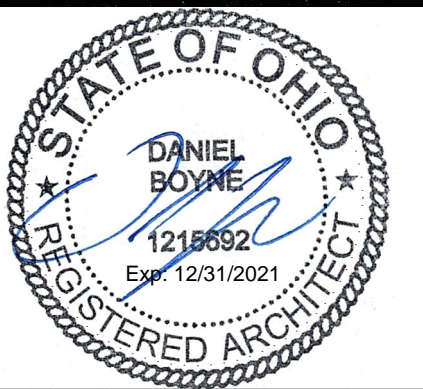
- ① BOTTOM OF HIGH BAY LIGHT FIXTURES +1'-19'-0" A.F.F. COORDINATE WITH OVERHEAD DOOR HARDWARE

FIXTURE SCHEDULE

26 50 00 - EXIT SIGNAGE (REFER TO ELECTRICAL DRAWINGS)	26 50 00 - EXTERIOR SURFACE MOUNTED LIGHT FIXTURE (REFER TO ELECTRICAL DRAWINGS)	26 50 00 - RECESSED LIGHT FIXTURE (REFER TO ELECTRICAL DRAWINGS)	26 50 00 - SURFACE MTD LIGHT FIXTURE (REFER TO ELECTRICAL DRAWINGS)	26 50 00 - 24"x24" RECESSED LIGHT FIXTURE (REFER TO ELECTRICAL DRAWINGS)	26 50 00 - SUSPENDED HIGH BAY LIGHT FIXTURE (REFER TO ELECTRICAL DRAWINGS)	23 37 13 - SUPPLY GRILLE (REFER TO HVAC DRAWINGS)	23 37 13 - RETURN GRILLE (REFER TO HVAC DRAWINGS)	INDICATES GYPSUM BOARD
--	--	--	---	--	--	---	---	------------------------

SPECIFICATION NOTES:

03 30 00.1 CAST-IN-PLACE CONCRETE	07 41 13.4 METAL ROOF RIDGE VENT	09 30 00.1 CERAMIC TILE	11 11 00.1 TRENCH DRAIN
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03 30 00.3 VAPOR BARRIER	07 41 13.6 METAL FASCIA	09 65 13.1 RESILIENT BASE	11 11 00.5 COMPRESSED AIR REEL
03 30 00.4 GRAVEL BASE	07 41 13.7 UNDERLAYMENT	09 67 00.1 EPOXY FLOORING SYSTEM	11 11 00.9 WATER REEL AND HOSE
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03 30 00.8 GROUT	07 42 13.1 METAL WALL PANELS	09 77 00.2 INTERLOCKING PVC PANELS	11 11 10.2 PRESSURE WASHER TROLLEY SYSTEM
05 50 00.1 GALVANIZED STEEL BOLLARD W/ COVER	07 42 13.2 METAL LINER PANELS	09 96 00.1 EPOXY PAINT	11 11 10.3 UNDERCARRIAGE WASH
05 50 00.2 HDPE BOLLARD COVER	07 62 00.1 METAL FLASHING	10 11 00.1 MARKER BOARD	11 11 10.4 VEHICLE WASH PUMP
06 10 00.1 WOOD FRAMING	07 72 53.1 SNOW GUARD	10 11 00.2 TACK BOARD	11 11 10.5 VEHICLE WASH TANK
06 10 00.2 WOOD FURRING @ 24" O.C.	07 92 00.1 JOINT SEALANTS	10 22 13.1 WIRE MESH PARTITION	11 11 10.6 PRESSURE WASHER REMOTE SYSTEM
06 16 00.1 5/8" SHEATHING	08 11 13.1 HOLLOW METAL DOORS/FRAMES	10 28 00.0 SOAP DISPENSER	11 11 10.7 VEHICLE WASH SWITCH
06 16 00.2 ROOF SHEATHING	08 22 20.1 FIBERGLASS DOORS/FRAMES	10 28 00.2 PAPER TOWEL DISPENSER	11 30 13.1 MICROWAVE
06 41 16.1 CABINET	08 31 13.1 ACCESS PANEL	10 28 00.3 WASTE RECEPTACLE	11 30 13.2 REFRIGERATOR
06 41 16.2 SOLID SURFACE COUNTERTOP	08 36 13.1 OVERHEAD SECTIONAL DOORS	10 28 00.4 SOAP DISPENSER	12 21 13.1 HORIZONTAL LOUVER BLINDS
06 41 16.3 SOLID SURFACE WINDOW SILL	08 36 14.1 WASHBAY OVERHEAD DOORS	10 28 00.5 GRAB BAR	22 00 00.1 PLUMBING FIXTURE(REFER TO PLUMBING DRAWINGS)
07 21 00.1 FOUNDATION INSULATION	08 43 13.1 ALUMINUM FRAME STOREFRONTS	10 28 00.6 SANITARY NAPKIN DISPOSAL	22 47 00.1 BOTTLE FILLER
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07 21 00.4 INSULATION BAFFLE	09 22 16.1 METAL "Z" FURRING	10 28 00.9 UNDER LAVATORY GUARD	26 00 00.1 LIGHT FIXTURES (REFER TO ELECTRICAL)
07 25 00.1 AIR BARRIER	09 29 00.1 5/8" GYPSUM BOARD	10 28 00.10 MOP HOLDER / SHELF	33 46 00.1 FOUNDATION DRAIN
07 41 13.1 METAL ROOF PANELS	09 29 00.2 1/2" GYPSUM BOARD	10 44 13.1 SEMI-RECESSED FIRE EXTINGUISHER CABINET	
07 41 13.2 METAL GUTTERS	09 29 00.3 SOUND ATTENUATION BLANKETS	10 44 13.2 SURFACE-MTD. FIRE EXTINGUISHER CABINET	
07 41 13.3 METAL DOWNSPOUTS	09 29 00.4 TILE BACKING PANELS	10 51 13.1 LOCKERS	



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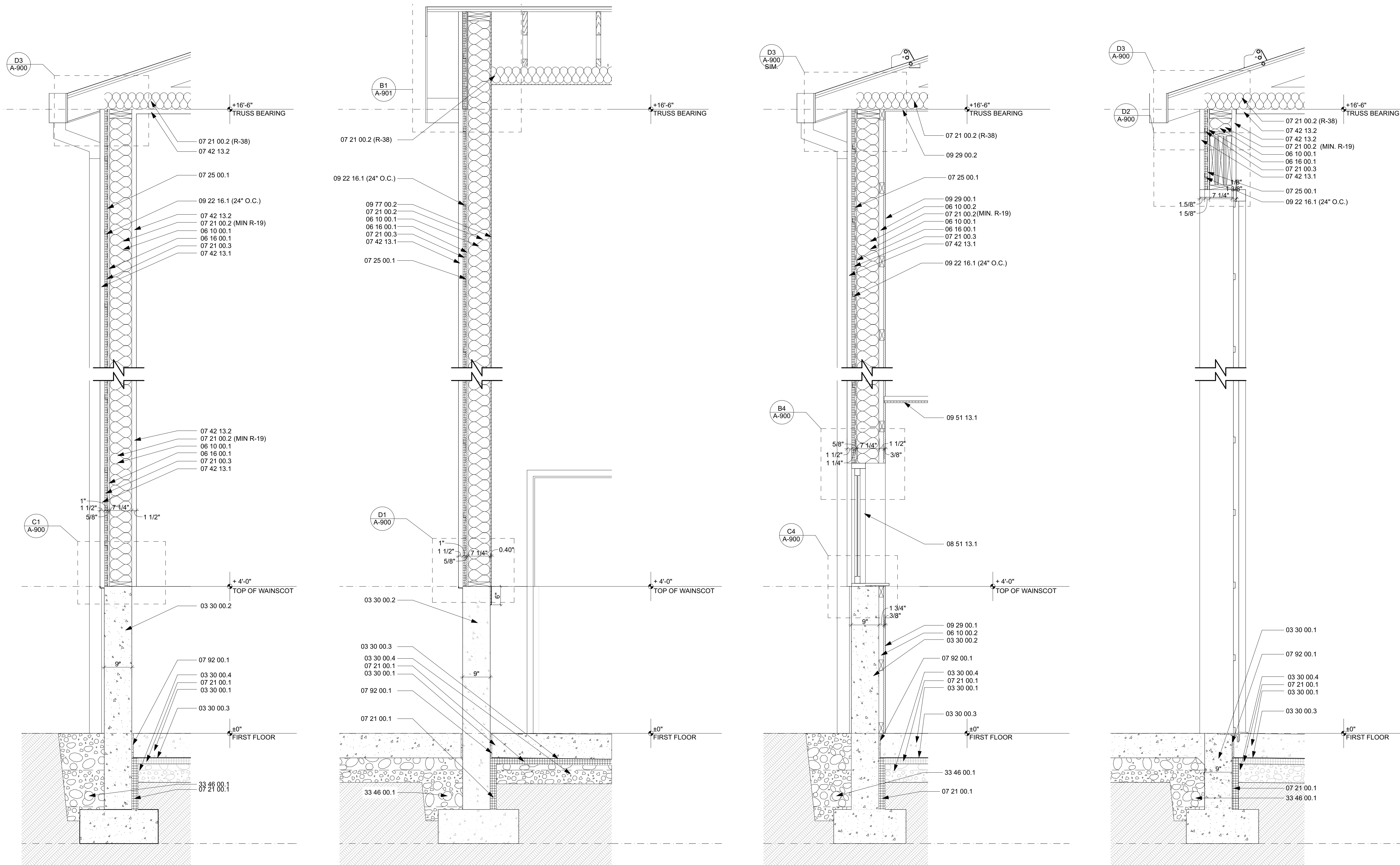
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SHEET TITLE
EXTERIOR WALL SECTIONS

A-800



D1
A-800
 TRUCK STORAGE WALL SECTION
 SCALE: 3/4" = 1'-0"

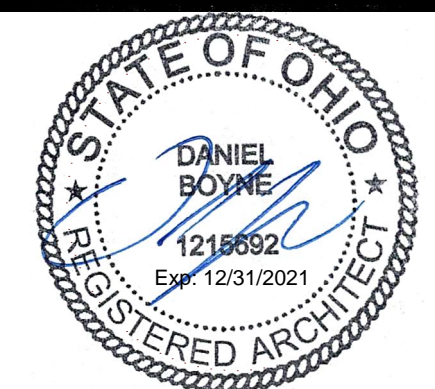
D2
A-800
 WASHBAY WALL SECTION
 SCALE: 3/4" = 1'-0"

D3
A-800
 OFFICE WALL SECTION
 SCALE: 3/4" = 1'-0"

D4
A-800
 TRUCK BAY SECTION
 SCALE: 3/4" = 1'-0"

SPECIFICATION NOTES:

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03 30 00.2 TEXTURED/PIGMENTED CONCRETE	07 41 13.5 CAST-IRON DOWNSPOUT BOOT	09 51 13.1 ACOUSTICAL CEILING TILE	11 11 00.2 TRENCH DRAIN CATCH BASIN
03 30 00.3 VAPOR BARRIER	07 41 13.6 METAL FASCIA	09 65 13.1 RESILIENT BASE	11 11 00.3 COMPRESSED AIR REEL
03 30 00.4 GRAVEL BASE	07 41 13.7 UNDERLAYMENT	09 67 00.1 EPOXY FLOORING SYSTEM	11 11 00.9 WATER REEL AND HOSE
03 30 00.7 EXPANSION JT	07 41 13.8 PERFORATED METAL SOFFIT PANEL	09 77 00.1 FRP PANELS	11 11 10.1 PRESSURE WASHER
03 30 00.8 GROUT	07 42 13.1 METAL WALL PANELS	09 77 00.2 INTERLOCKING PVC PANELS	11 11 10.2 PRESSURE WASHER TROLLEY SYSTEM
05 50 00.1 GALVANIZED STEEL BOLLARD W/ COVER	07 42 13.2 METAL LINER PANELS	09 96 00.1 EPOXY PAINT	11 11 10.3 UNDERCARRIAGE WASH
05 50 00.2 HDPE BOLLARD COVER	07 62 00.1 METAL FLASHING	10 11 00.1 MARKER BOARD	11 11 10.4 VEHICLE WASH PUMP
06 10 00.1 WOOD FRAMING	07 72 53.1 SNOW GUARD	10 11 00.2 TACK BOARD	11 11 10.5 VEHICLE WASH TANK
06 10 00.2 WOOD FURRING @ 24" O.C.	07 92 00.1 JOINT SEALANTS	10 22 13.1 WIRE MESH PARTITION	11 11 10.6 PRESSURE WASHER REMOTE SYSTEM
06 16 00.1 5/8" SHEATHING	08 11 13.1 HOLLOW METAL DOORS/FRAMES	10 28 00.3 WASTE RECEPTACLE	11 11 10.7 VEHICLE WASH SWITCH
06 41 16.1 CABINET	08 22 20.1 FIBERGLASS DOORS/FRAMES	10 28 00.4 SOAP DISPENSER	11 30 13.1 MICROWAVE
06 41 16.2 SOLID SURFACE COUNTERTOP	08 31 13.1 ACCESS PANEL	10 28 00.7 COAT HOOK	11 30 13.2 REFRIGERATOR
06 41 16.3 SOLID SURFACE WINDOW SILL	08 38 13.1 OVERHEAD SECTIONAL DOORS	10 28 00.8 PAPER TOWEL DISPENSER	12 21 13.1 HORIZONTAL LOUVER BLINDS
07 21 00.1 FOUNDATION INSULATION	08 38 14.1 WASHBAY OVERHEAD DOORS	10 28 00.9 SANITARY NAPKIN DISPOSAL	22 00 00.1 PLUMBING FIXTURE(REFER TO PLUMBING DRAWINGS)
07 21 00.2 BATT INSULATION	08 43 13.1 ALUMINUM FRAME STOREFRONTS	10 28 00.10 MOP HOLDER / SHELVE	22 47 00.1 BOTTLE FILLER
07 21 00.3 RIGID INSULATION	08 51 13.1 ALUMINUM WINDOWS	10 28 00.8 FRAMED MIRROR UNIT	23 34 00.1 EXHAUST FAN (REFER TO MECHANICAL)
07 21 00.4 INSULATION BAFFLE	08 80 00.1 GLAZING	10 28 00.9 UNDER LAVATORY GUARD	23 37 33 HVAC LOUVERS (REFER TO MECHANICAL)
07 25 00.1 AIR BARRIER	09 22 16.1 METAL "Z" FURRING	10 44 13.2 SURFACE-MTD. FIRE EXTINGUISHER CABINET	26 00 00.1 LIGHT FIXTURES (REFER TO ELECTRICAL)
07 41 13.1 METAL ROOF PANELS	09 29 00.1 5/8" GYPSUM BOARD	10 44 13.1 SEMI-RECESSED FIRE EXTINGUISHER CABINET	33 46 00.1 FOUNDATION DRAIN
07 41 13.2 METAL GUTTERS	09 29 00.2 1/2" GYPSUM BOARD	10 51 13.1 LOCKERS	
07 41 13.3 METAL DOWNSPOUTS	09 29 00.3 SOUND ATTENUATION BLANKETS		
	09 29 00.4 TILE BACKING PANELS		



DOT-200023
ODOT - EATON
OUTPOST

5656 US-127 Eaton, Ohio 45320

MARK	DATE	DESCRIPTION
1	12/17/2021	REVISION 1 PERMIT / BID SET
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-	11/12/2021	PERMIT SET

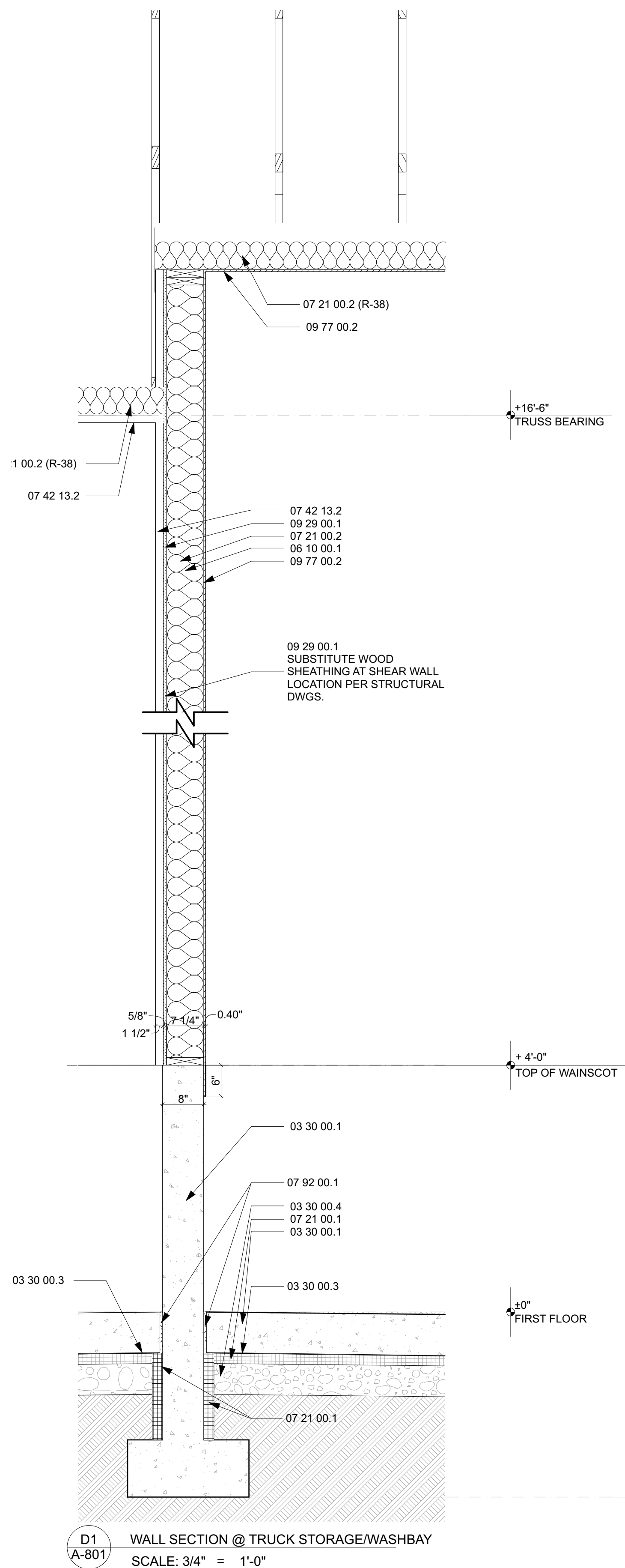
PROJECT NO: **DOT-200023**
 DATE: **12/17/2021**
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SHEET TITLE

EXTERIOR WALL SECTIONS

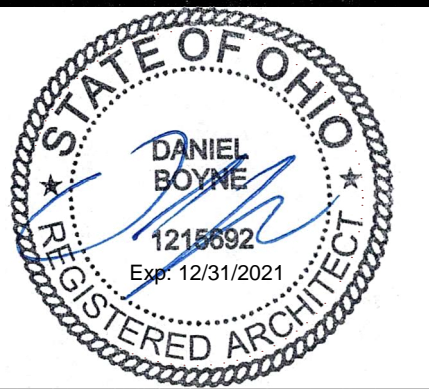
A-801



D1 WALL SECTION @ TRUCK STORAGE/WASHBAY
A-801 SCALE: 3/4" = 1'-0"

SPECIFICATION NOTES:

03 30 00.1 CAST-IN-PLACE CONCRETE	07 41 13.4 METAL ROOF RIDGE VENT	09 30 00.1 CERAMIC TILE	11 11 00.1 TRENCH DRAIN
03 30 00.2 TEXTURED/PIGMENTED CONCRETE	07 41 13.5 CAST-IRON DOWNSPOUT BOOT	09 51 13.1 ACOUSTICAL CEILING TILE	11 11 00.2 TRENCH DRAIN CATCH BASIN
03 30 00.3 VAPOR BARRIER	07 41 13.6 METAL FASCIA	09 65 13.1 RESILIENT BASE	11 11 00.5 COMPRESSED AIR REEL
03 30 00.4 GRAVEL BASE	07 41 13.7 UNDERLAYMENT	09 67 00.1 EPOXY FLOORING SYSTEM	11 11 00.9 WATER REEL AND HOSE
03 30 00.7 EXPANSION JT	07 41 13.8 PERFORATED METAL SOFFIT PANEL	09 77 00.1 FRP PANELS	11 11 10.1 PRESSURE WASHER
03 30 00.8 GROUT	07 42 13.1 METAL WALL PANELS	09 77 00.2 INTERLOCKING PVC PANELS	11 11 10.2 PRESSURE WASHER TROLLEY SYSTEM
05 50 00.1 GALVANIZED STEEL BOLLARD W/ COVER	07 42 13.2 METAL LINER PANELS	09 96 00.1 EPOXY PAINT	11 11 10.3 UNDERCARRIAGE WASH
05 50 00.2 HDPE BOLLARD COVER	07 62 00.1 METAL FLASHING	10 11 00.1 MARKER BOARD	11 11 10.4 VEHICLE WASH PUMP
06 10 00.1 WOOD FRAMING	07 72 53.1 SNOW GUARD	10 11 00.2 TACK BOARD	11 11 10.5 VEHICLE WASH TANK
06 10 00.2 WOOD FURRING @ 24" O.C.	07 92 00.1 JOINT SEALANTS	10 22 13.1 WIRE MESH PARTITION	11 11 10.6 PRESSURE WASHER REMOTE SYSTEM
06 16 00.1 5/8" SHEATHING	08 11 13.1 HOLLOW METAL DOORS/FRAMES	10 28 00.1 TOILET TISSUE DISPENSER	11 11 10.7 VEHICLE WASH SWITCH
06 16 00.2 ROOF SHEATHING	08 22 20.1 FIBERGLASS DOORS/FRAMES	10 28 00.2 PAPER TOWEL DISPENSER	11 30 13.1 MICROWAVE
06 41 16.1 CABINET	07 92 00.1 JOINT SEALANTS	10 28 00.3 WASTE RECEPTACLE	11 30 13.2 REFRIGERATOR
06 41 16.2 SOLID SURFACE COUNTERTOP	08 38 13.1 OVERHEAD SECTIONAL DOORS	10 28 00.4 SOAP DISPENSER	12 21 13.1 HORIZONTAL LOUVER BLINDS
06 41 16.3 SOLID SURFACE WINDOW SILL	08 38 14.1 WASHBAY OVERHEAD DOORS	10 28 00.5 GRAB BAR	22 00 00.1 PLUMBING FIXTURE(REFER TO PLUMBING DRAWINGS)
07 21 00.1 FOUNDATION INSULATION	08 43 13.1 ALUMINUM FRAME STOREFRONTS	10 28 00.6 SANITARY NAPKIN DISPOSAL	22 47 00.1 BOTTLE FILLER
07 21 00.2 BATT INSULATION	08 51 13.1 ALUMINUM WINDOWS	10 28 00.7 COAT HOOK	23 34 00.1 EXHAUST FAN (REFER TO MECHANICAL)
07 21 00.3 RIGID INSULATION	08 80 00.1 GLAZING	10 28 00.8 FRAMED MIRROR UNIT	23 37 33 HVAC LOUVERS (REFER TO MECHANICAL)
07 21 00.4 INSULATION BAFFLE	09 22 16.1 METAL "Z" FURRING	10 28 00.9 UNDER LAVATORY GUARD	26 00 00.1 LIGHT FIXTURES (REFER TO ELECTRICAL)
07 25 00.1 AIR BARRIER	09 29 00.1 5/8" GYPSUM BOARD	10 28 00.10 MOHP HOLDER/ SHELF	33 46 00.1 FOUNDATION DRAIN
07 41 13.1 METAL ROOF PANELS	09 29 00.2 1/2" GYPSUM BOARD	10 44 13.1 SEMI-RECESSED FIRE EXTINGUISHER CABINET	
07 41 13.2 METAL GUTTERS	09 29 00.3 SOUND ATTENUATION BLANKETS	10 44 13.2 SURFACE-MTD. FIRE EXTINGUISHER CABINET	
07 41 13.3 METAL DOWNSPOUTS	09 29 00.4 TILE BACKING PANELS	10 51 13.1 LOCKERS	



**DOT-20023
ODOT - EATON
OUTPOST**

5656 US-127 Eaton, Ohio 45320

MARK	DATE	DESCRIPTION
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-	11/12/2021	PERMIT SET

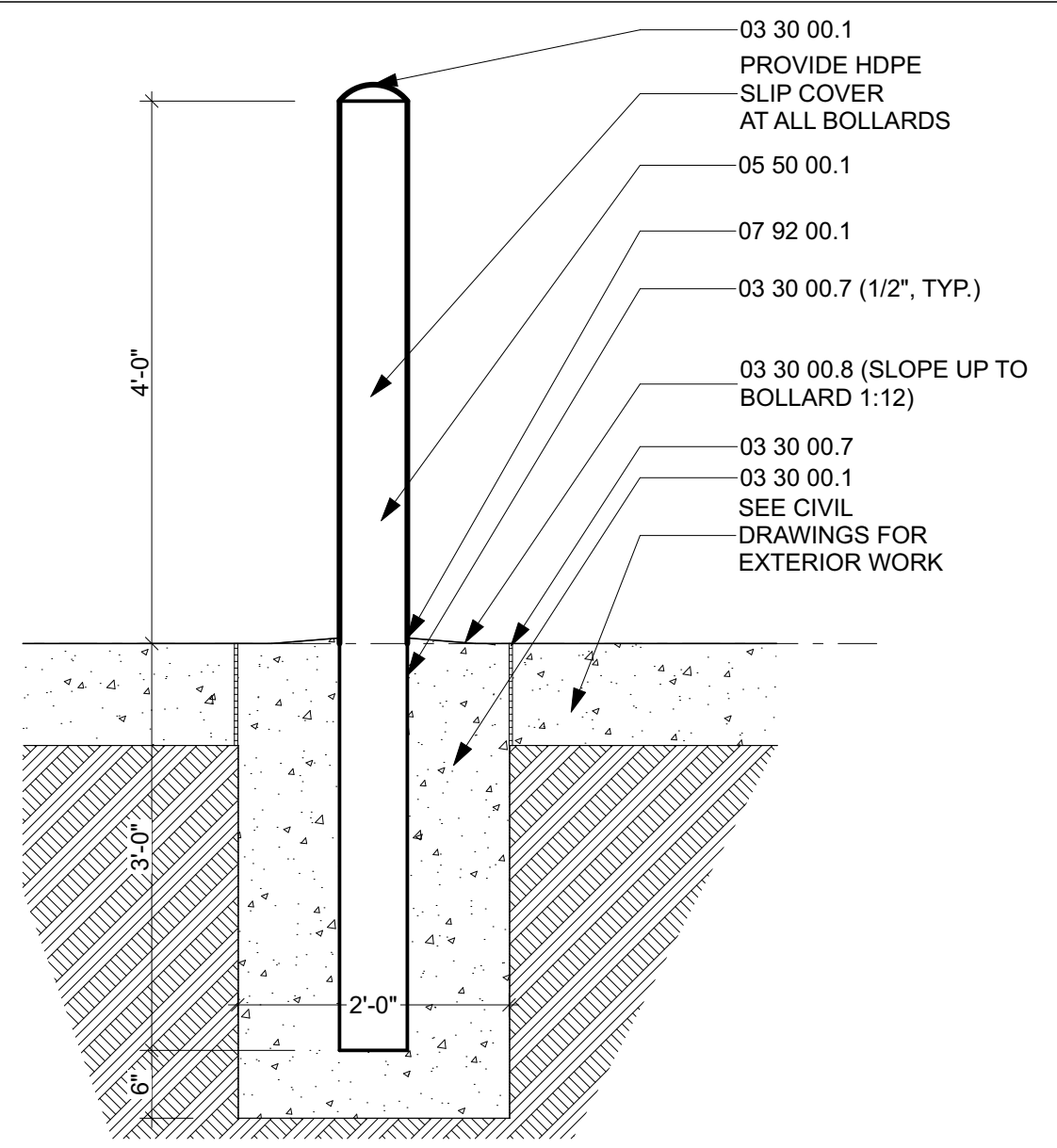
PROJECT NO: **DOT-20023**
DATE: **12/17/2021**
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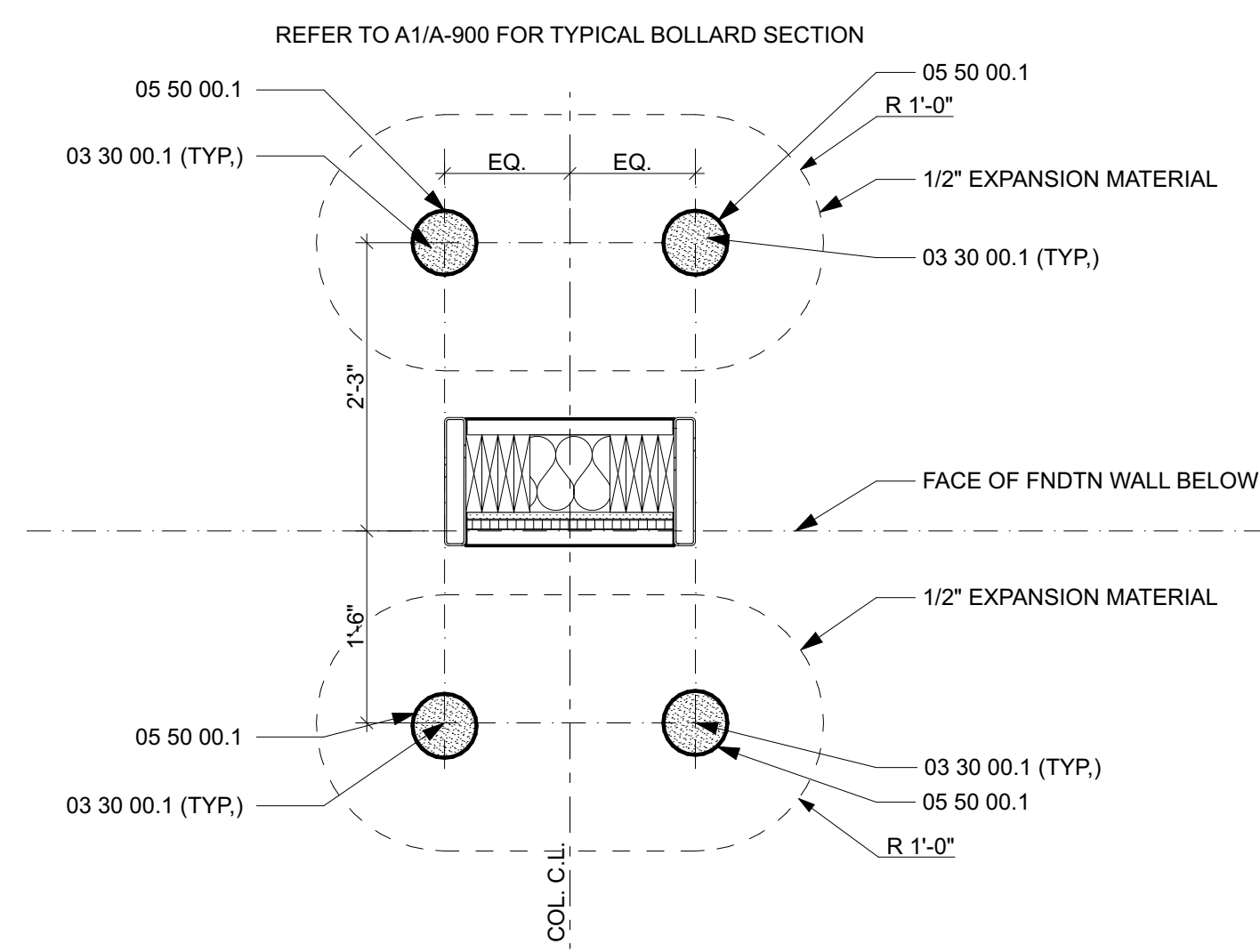
SHEET TITLE

EXTERIOR DETAILS

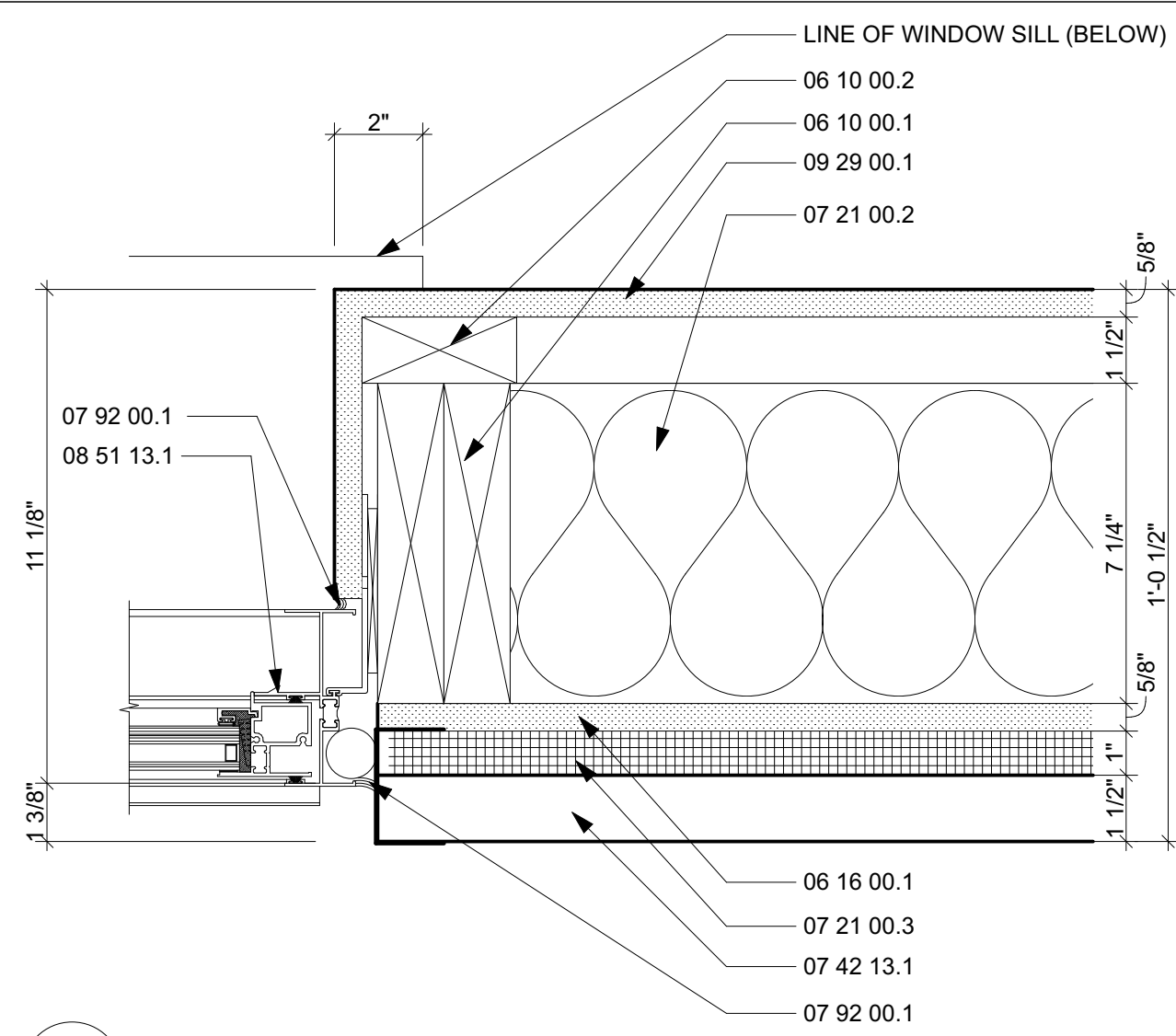
A-900



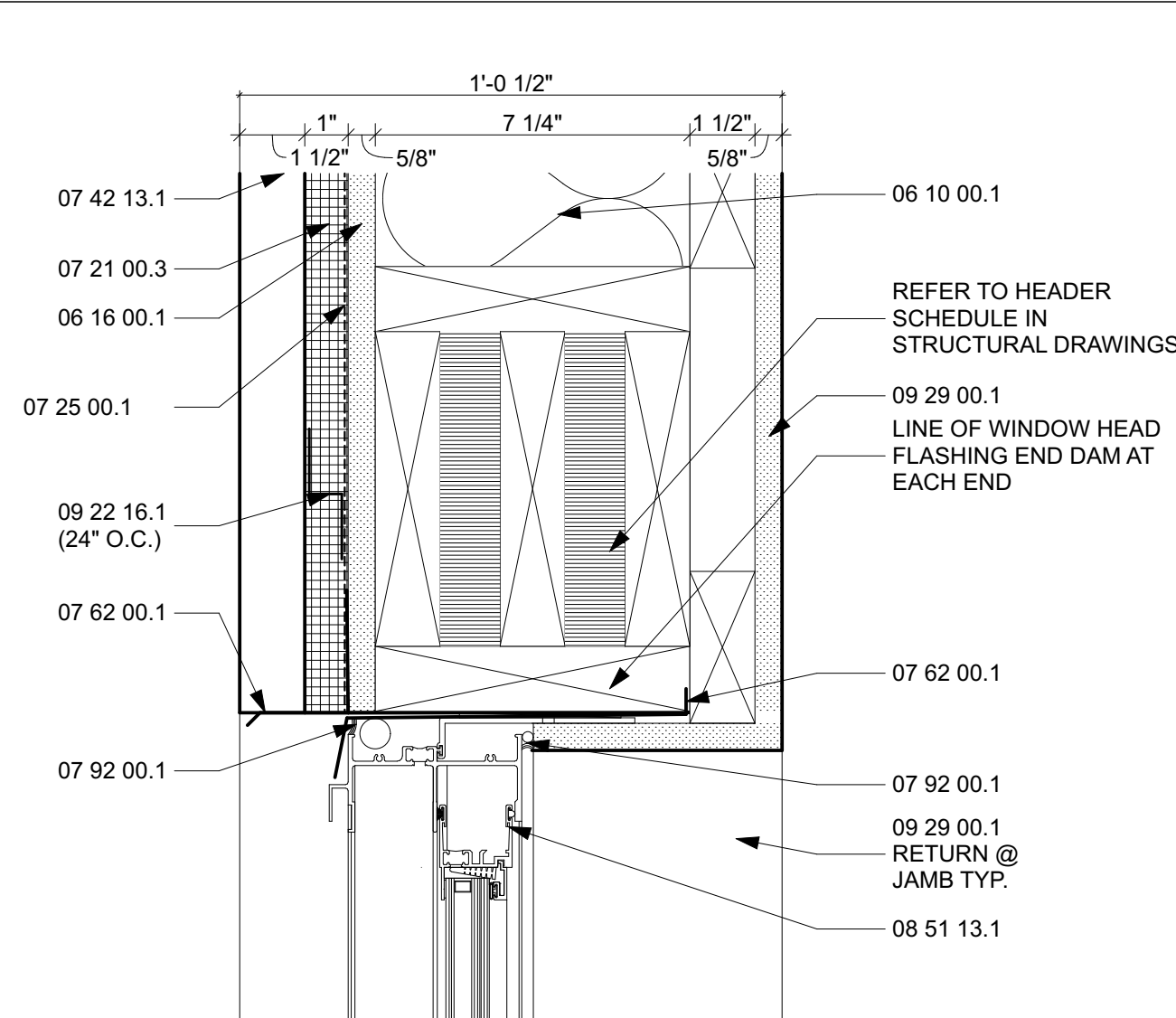
B1 BOLLARD DETAIL
SCALE: 3/4" = 1'-0"



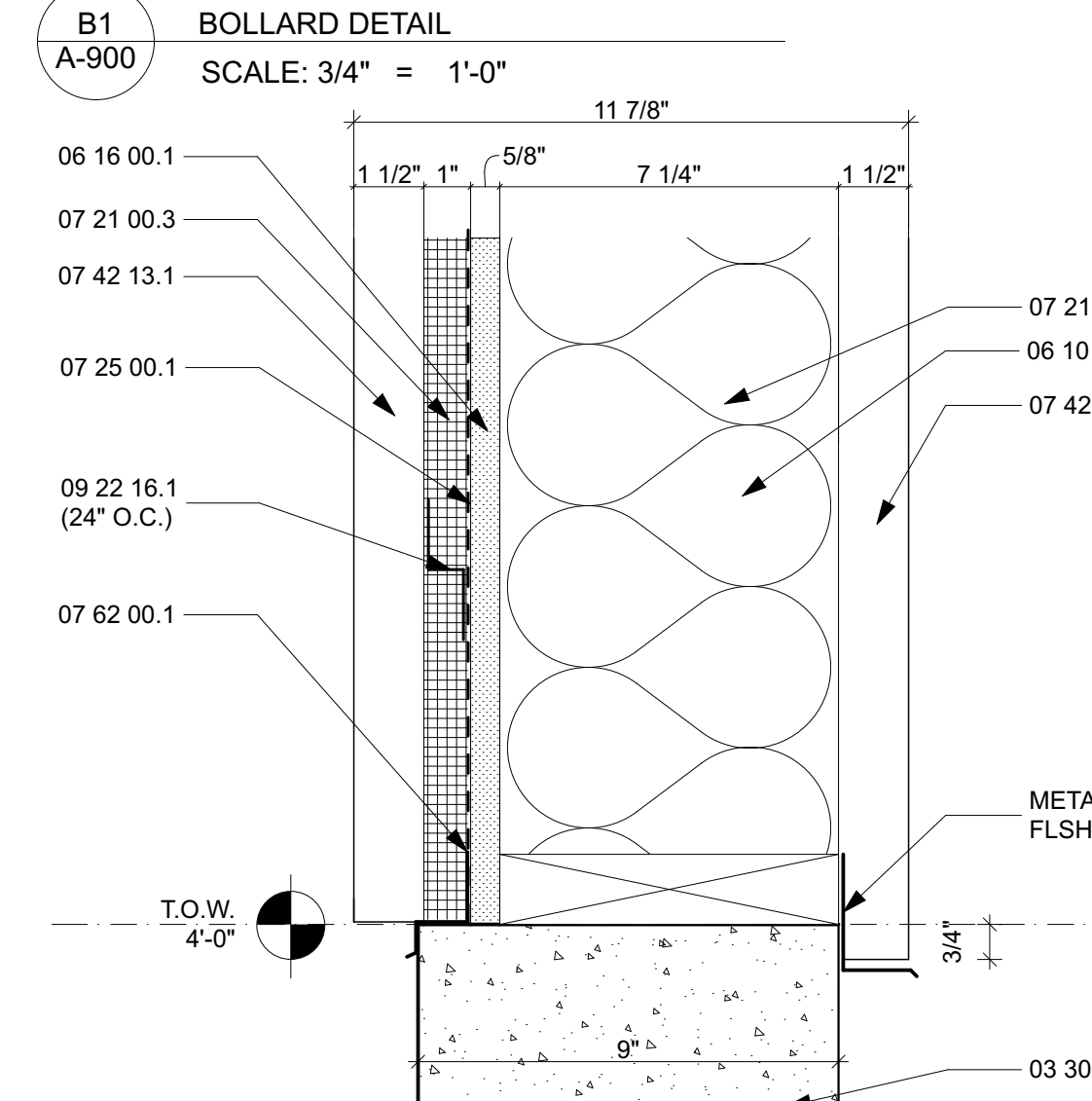
B2 BOLLARD PLAN
SCALE: 3/4" = 1'-0"



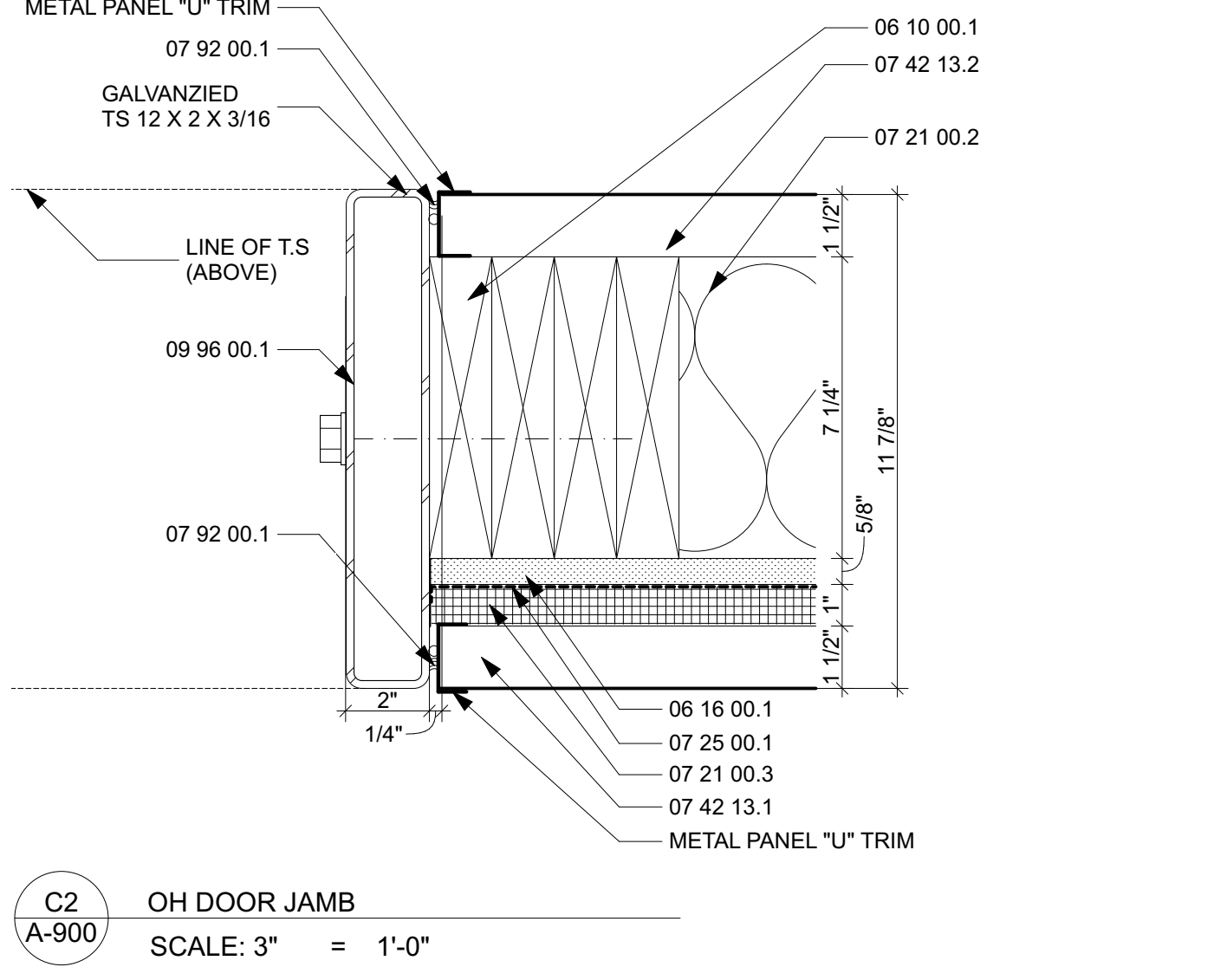
B3 OFFICE WINDOW JAMB
SCALE: 3" = 1'-0"



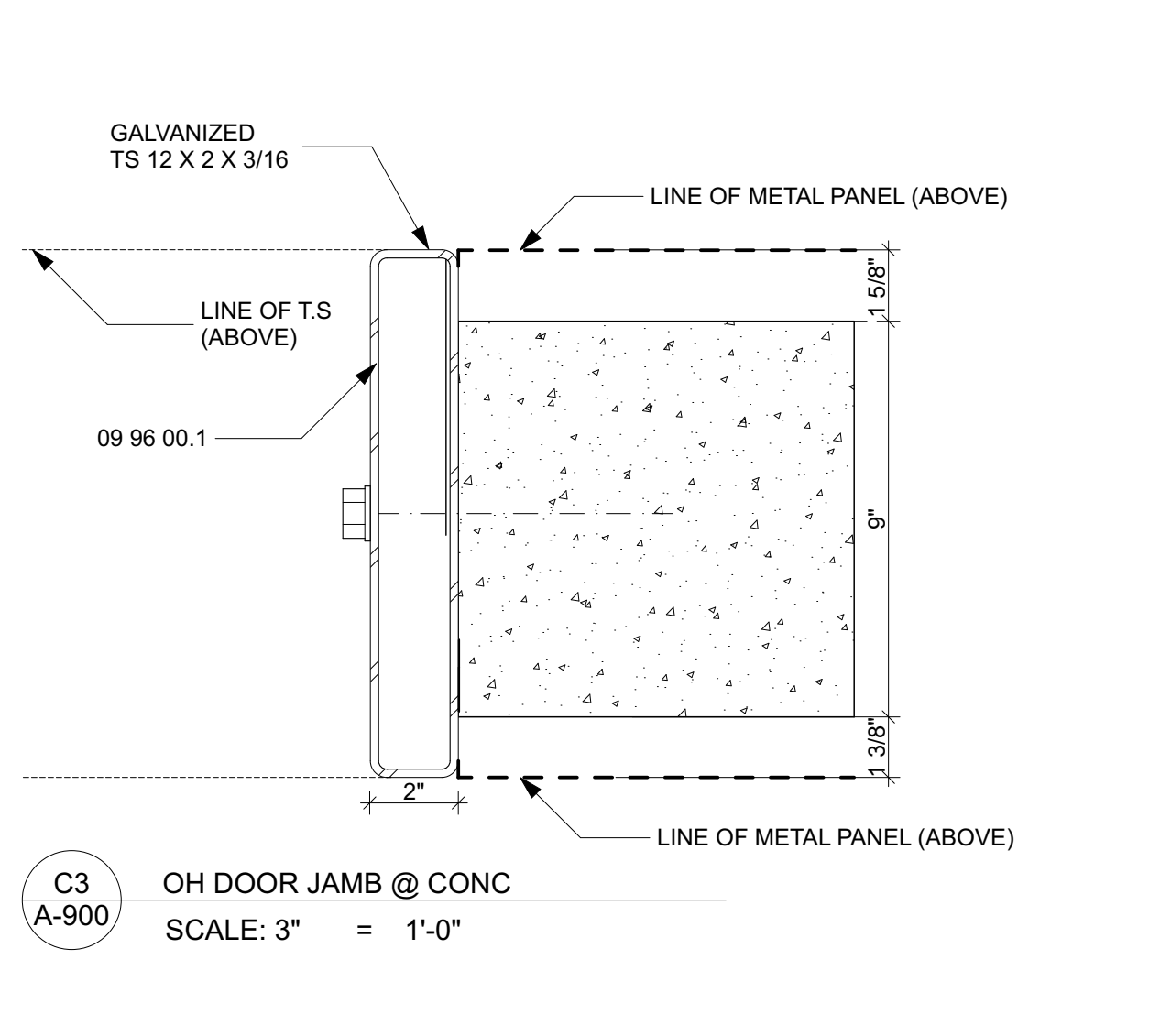
B4 OFFICE WINDOW HEAD
SCALE: 3" = 1'-0"



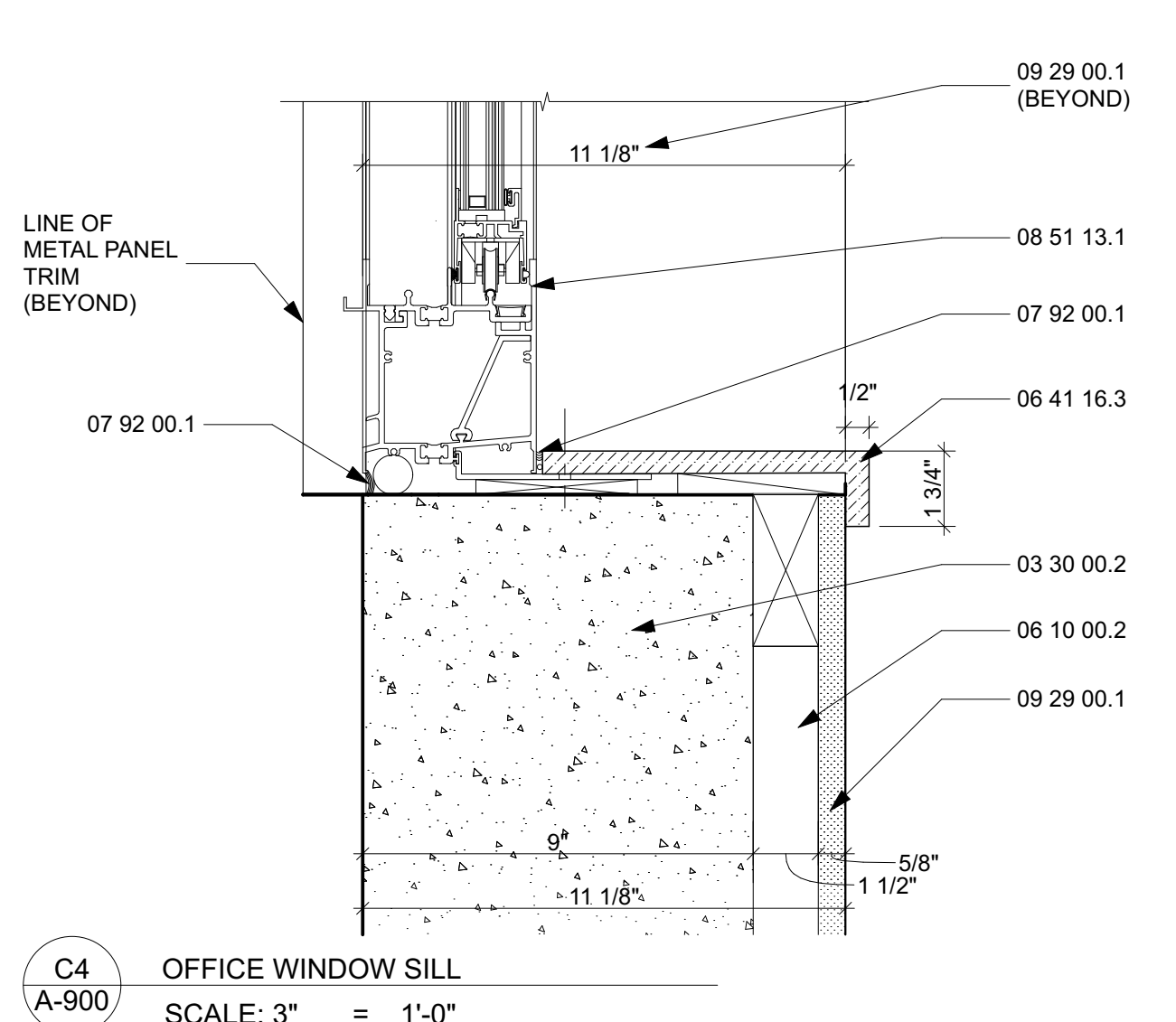
C1 EXTERIOR WALL DETAIL
SCALE: 3" = 1'-0"



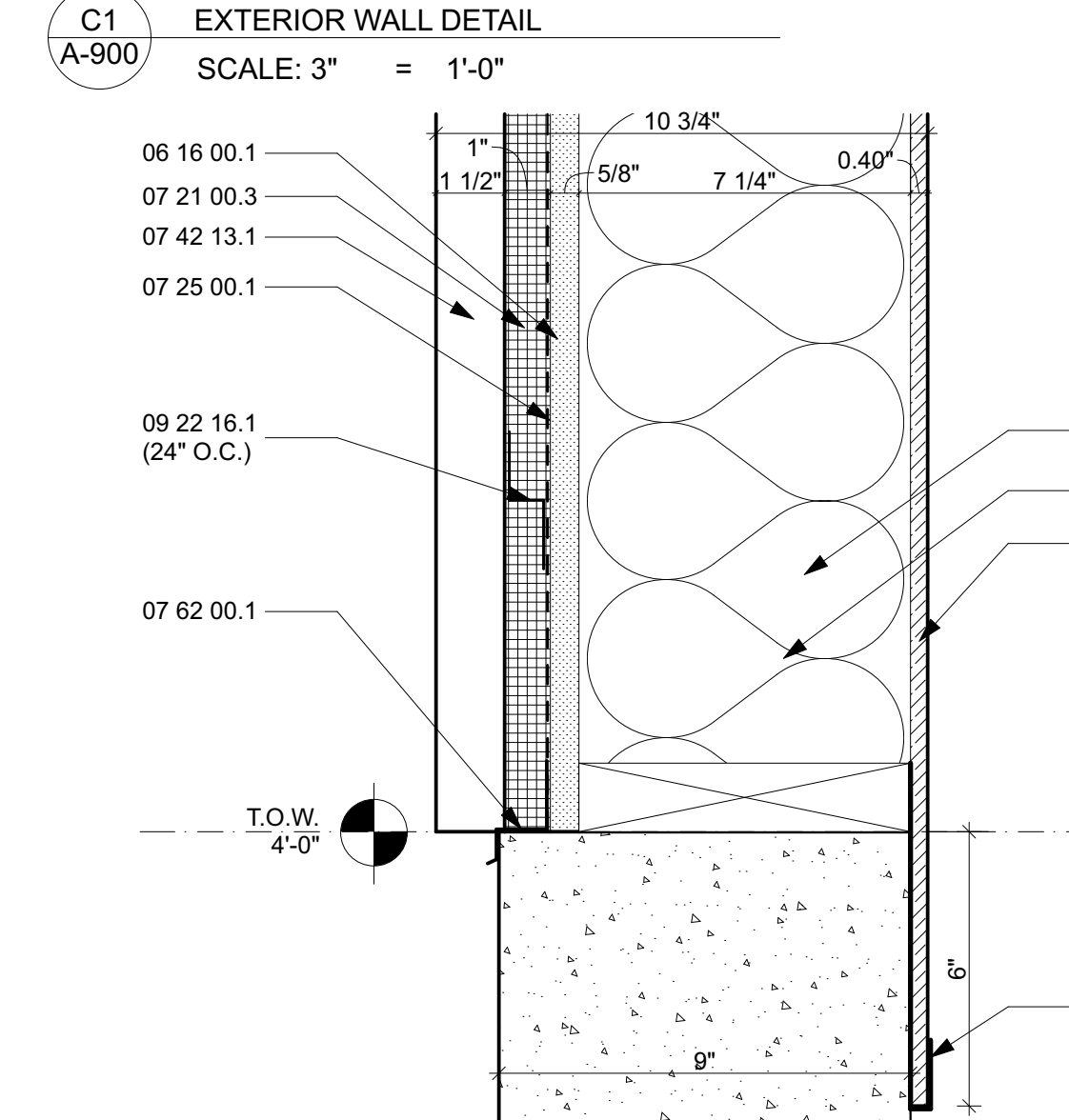
C2 OH DOOR JAMB
SCALE: 3" = 1'-0"



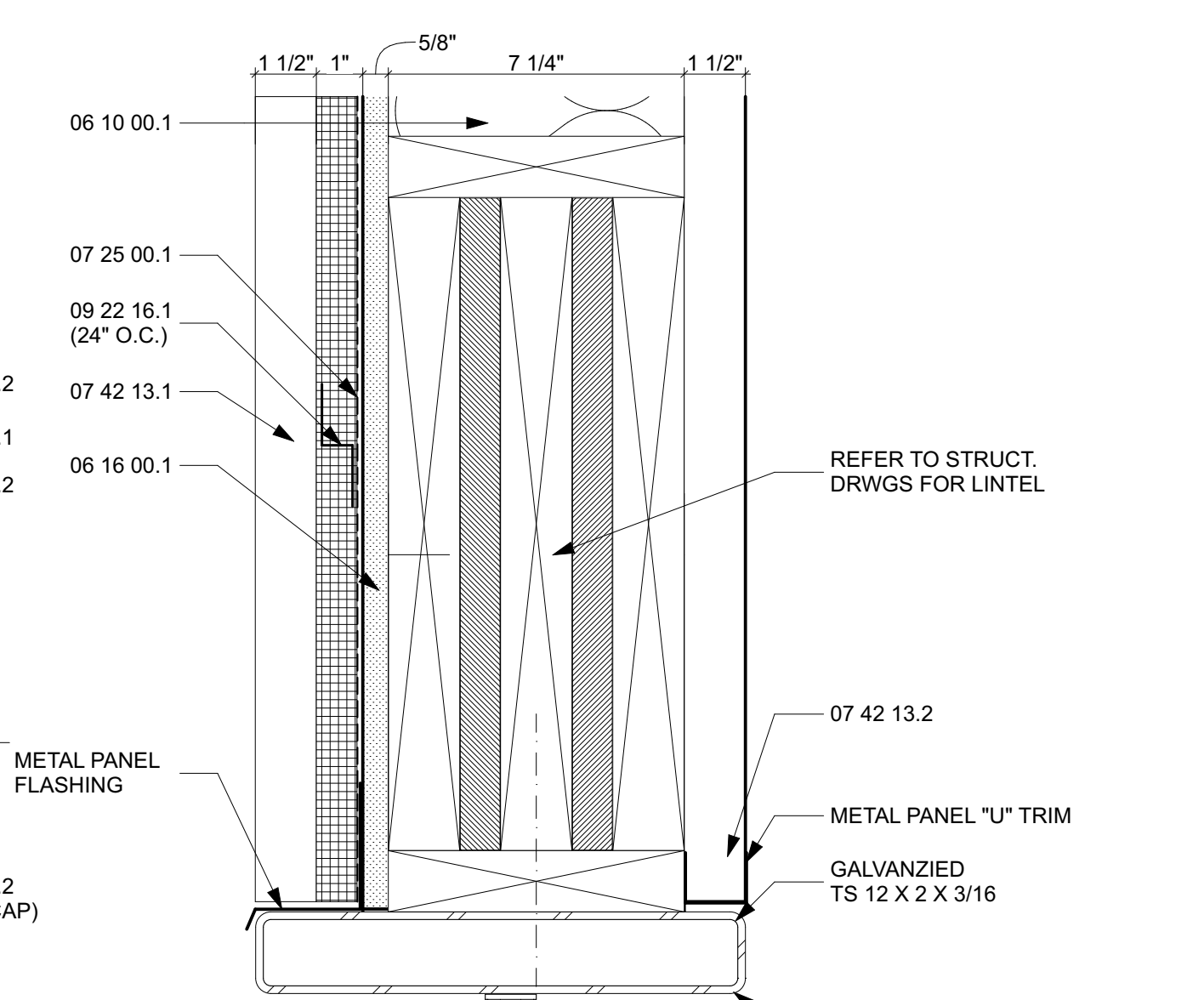
C3 OH DOOR JAMB @ CONC
SCALE: 3" = 1'-0"



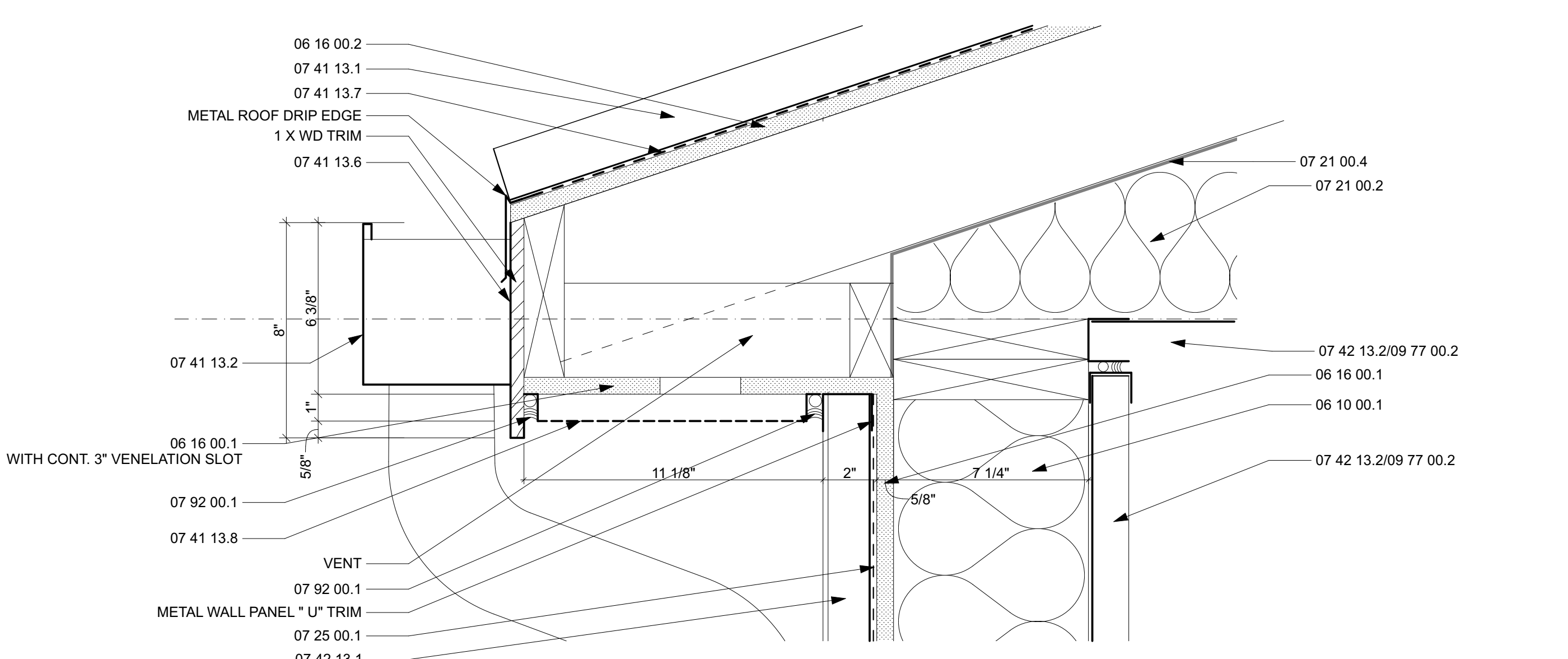
C4 OFFICE WINDOW SILL
SCALE: 3" = 1'-0"



D1 WASHBAY WALL DETAIL
SCALE: 3" = 1'-0"



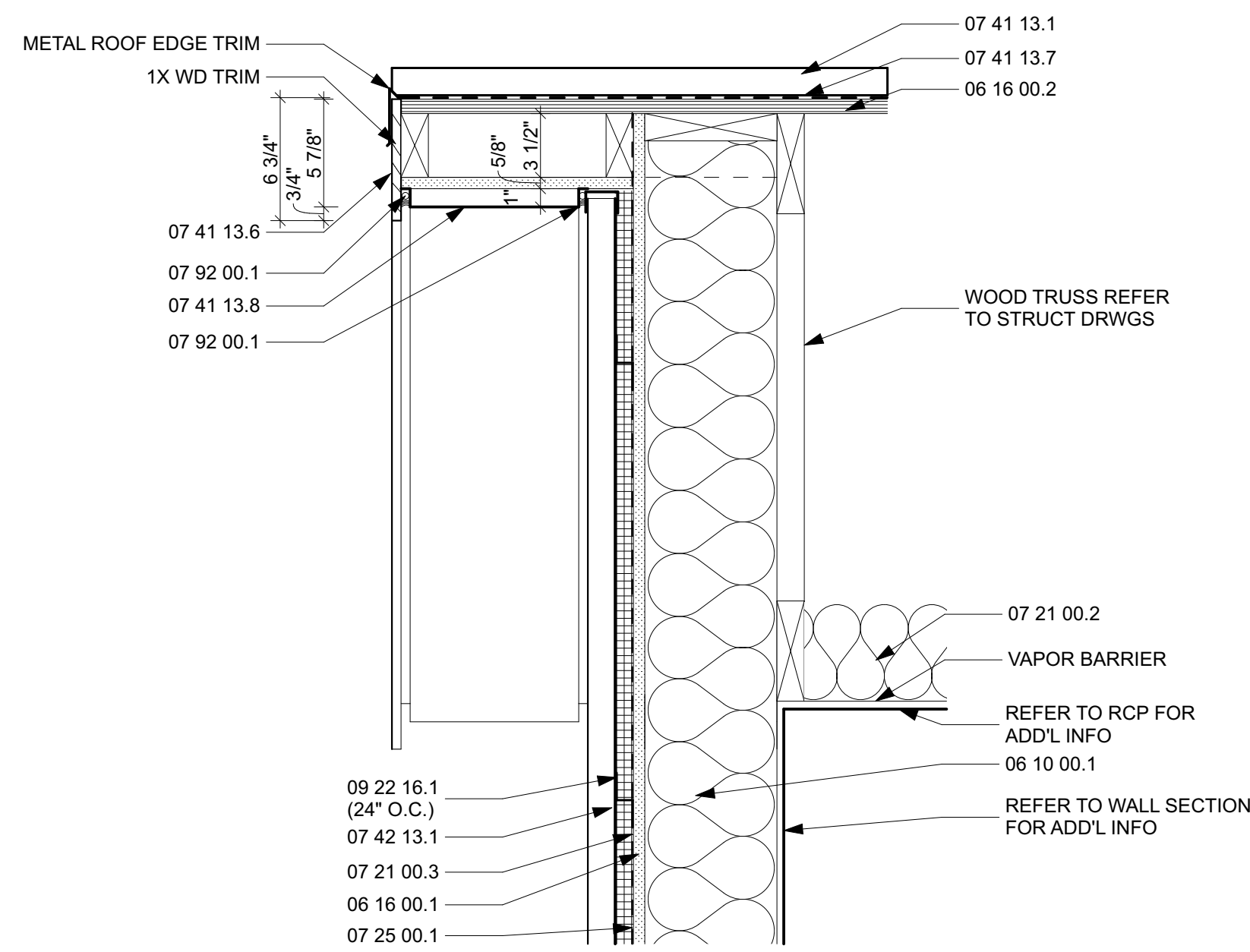
D2 TRUCK BAY OVERHEAD DOOR HEAD
SCALE: 3" = 1'-0"



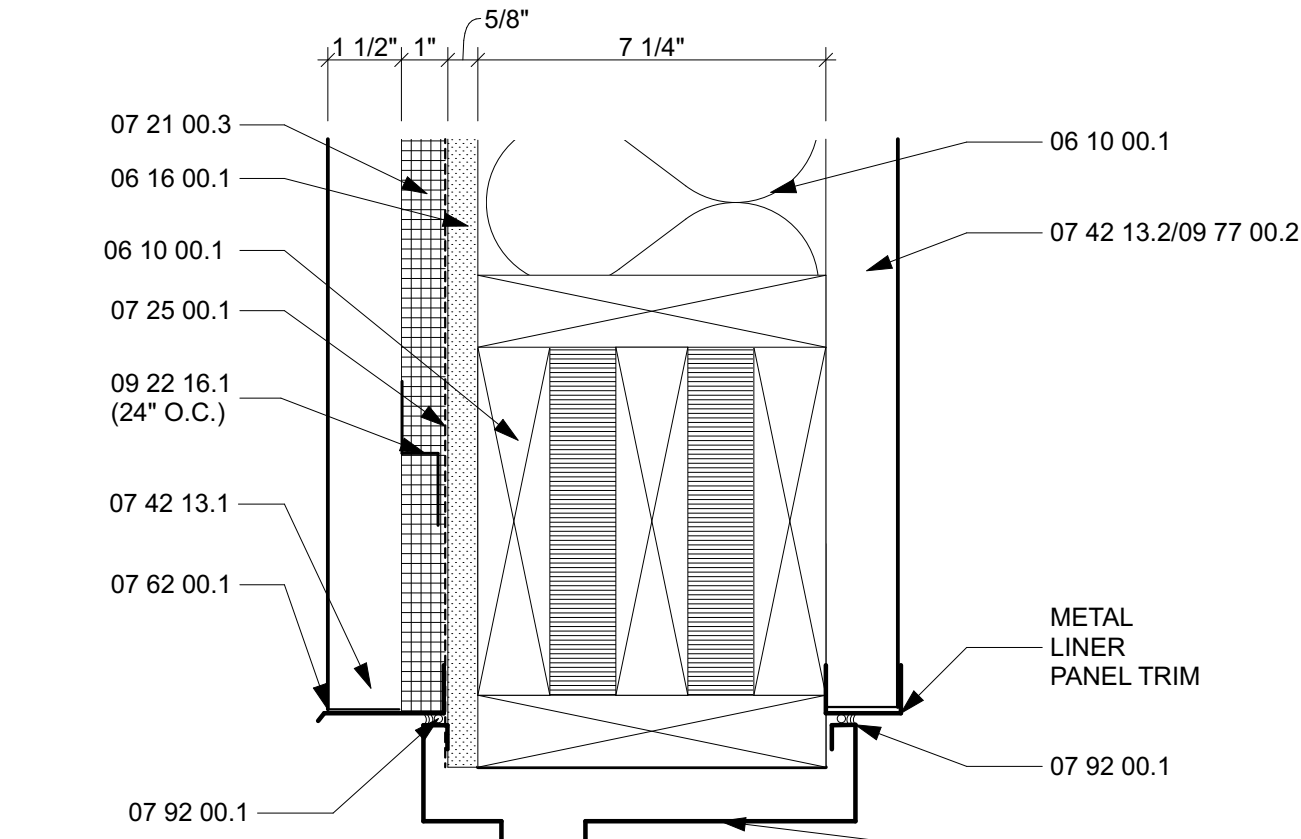
D3 ROOF EAVE DETAIL
SCALE: 3" = 1'-0"

SPECIFICATION NOTES:

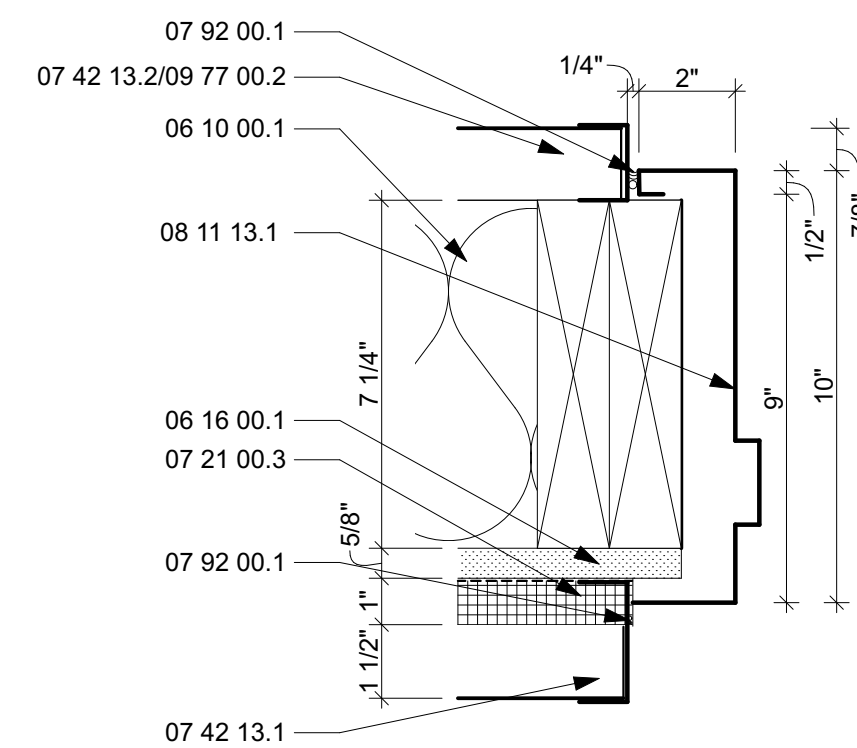
03 30 00.1 CAST-IN-PLACE CONCRETE	07 41 13.4 METAL ROOF RIDGE VENT	09 30 00.1 CERAMIC TILE	11 11 00.1 TRENCH DRAIN
03 30 00.2 TEXTURED/PIGMENTED CONCRETE	07 41 13.5 CAST-IRON DOWNSPOUT BOOT	09 51 13.1 ACOUSTICAL CEILING TILE	11 11 00.2 TRENCH DRAIN CATCH BASIN
03 30 00.3 VAPOR BARRIER	07 41 13.6 METAL FASCIA	09 65 13.1 RESILIENT BASE	11 11 00.3 COMPRESSED AIR REEL
03 30 00.4 GRAVEL BASE	07 41 13.7 UNDERLAYMENT	09 67 00.1 EPOXY FLOORING SYSTEM	11 11 00.9 WATER REEL AND HOSE
03 30 00.7 EXPANSION JT	07 41 13.8 PERFORATED METAL SOFFIT PANEL	09 77 00.1 FRP PANELS	11 11 10.1 PRESSURE WASHER
03 30 00.8 GROUT	07 42 13.1 METAL WALL PANELS	09 77 00.2 INTERLOCKING PVC PANELS	11 11 10.2 PRESSURE WASHER TROLLEY SYSTEM
05 50 00.1 GALVANIZED STEEL BOLLARD W/ COVER	07 42 13.2 METAL LINER PANELS	09 96 00.1 EPOXY PAINT	11 11 10.3 UNDERCARRIAGE WASH
05 50 00.2 HDPE BOLLARD COVER	07 62 00.1 METAL FLASHING	10 11 00.1 MARKER BOARD	11 11 10.4 VEHICLE WASH PUMP
06 10 00.1 WOOD FRAMING	07 72 53.1 SNOW GUARD	10 11 00.2 TACK BOARD	11 11 10.5 VEHICLE WASH TANK
06 10 00.2 WOOD FURRING @ 24" O.C.	07 92 00.1 JOINT SEALANTS	10 22 13.1 WIRE MESH PARTITION	11 11 10.6 PRESSURE WASHER REMOTE SYSTEM
06 16 00.1 5/8" SHEATHING	08 11 13.1 HOLLOW METAL DOORS/FRAMES	10 28 00.1 TOILET TISSUE DISPENSER	11 11 10.7 VEHICLE WASH SWITCH
06 16 00.2 ROOF SHEATHING	08 22 20.1 FIBERGLASS DOORS/FRAMES	10 28 00.2 PAPER TOWEL DISPENSER	11 30 13.1 MICROWAVE
06 41 16.1 CABINET	08 31 13.1 ACCESS PANEL	10 28 00.3 WASTE RECEPTACLE	11 30 13.2 REFRIGERATOR
06 41 16.2 SOLID SURFACE COUNTERTOP	08 38 13.1 OVERHEAD SECTIONAL DOORS	10 28 00.4 SOAP DISPENSER	12 21 13.1 HORIZONTAL LOUVER BLINDS
06 41 16.3 SOLID SURFACE WINDOW SILL	08 38 14.1 WASHBAY OVERHEAD DOORS	10 28 00.5 GRAB BAR	22 00 00.1 PLUMBING FIXTURE(REFER TO PLUMBING DRAWINGS)
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07 41 13.1 METAL ROOF PANELS	09 29 00.2 1/2" GYPSUM BOARD	10 44 13.1 SEMI-RECESSED FIRE EXTINGUISHER CABINET	
07 41 13.2 METAL GUTTERS	09 29 00.3 SOUND ATTENUATION BLANKETS	10 44 13.2 SURFACE-MTD. FIRE EXTINGUISHER CABINET	
07 41 13.3 METAL DOWNSPOUTS	09 29 00.4 TILE BACKING PANELS	10 51 13.1 LOCKERS	



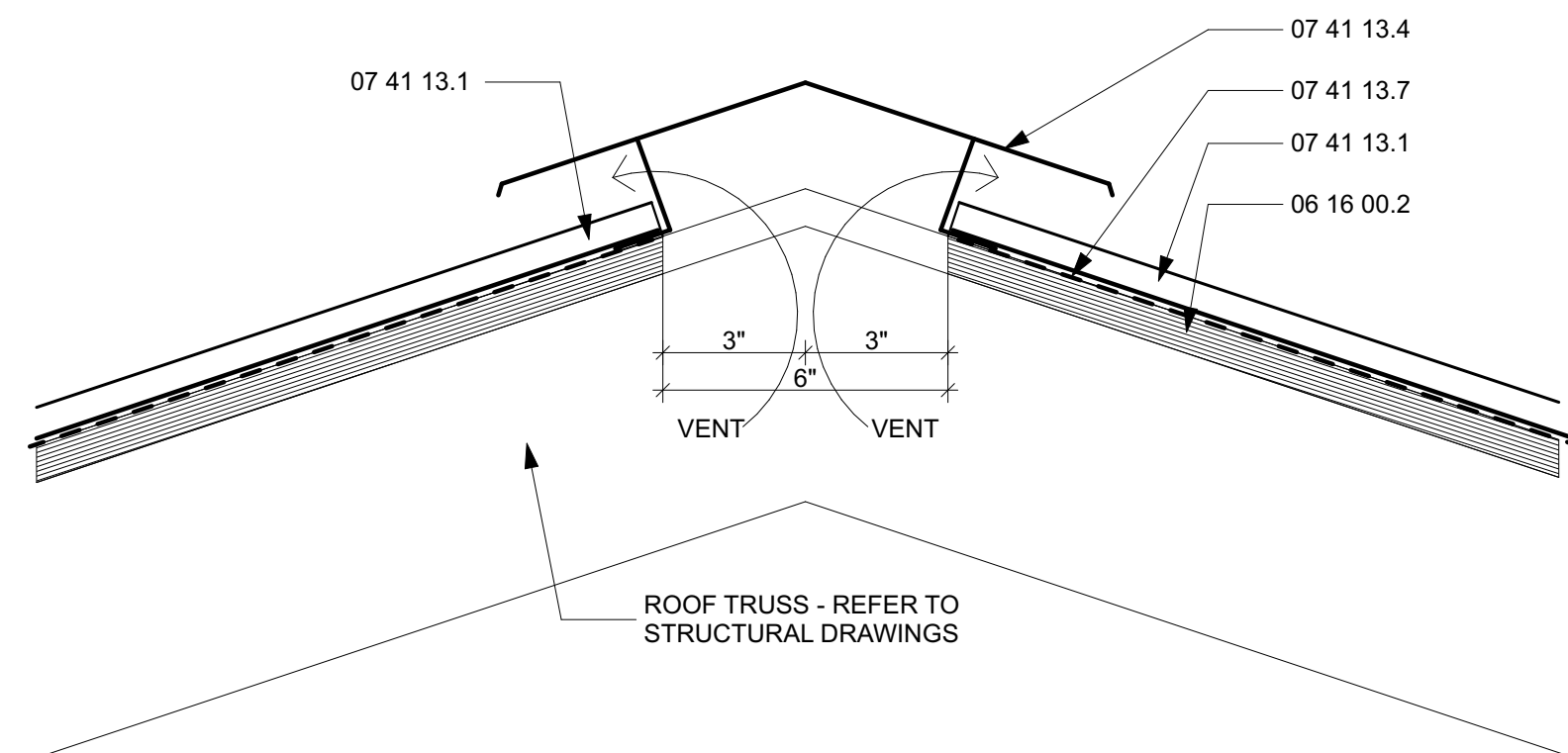
B1
A-901
 WASHBAY ROOF DETAIL
 SCALE: 1 1/2" = 1'-0"



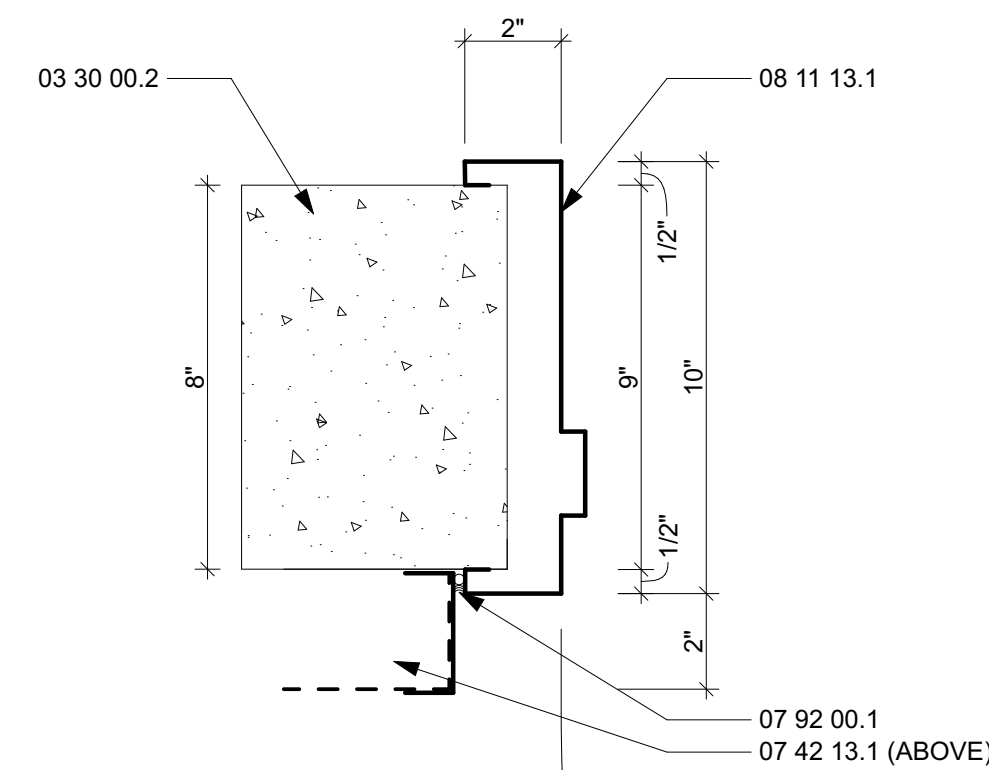
A2
A-901
 EXTERIOR DOOR HEAD - WOOD FRAME
 SCALE: 3" = 1'-0"



C2
A-901
 EXTERIOR DOOR JAMB - WOOD FRAME
 SCALE: 3" = 1'-0"



C1
A-901
 ROOF RIDGE
 SCALE: 3" = 1'-0"



D1
A-901
 EXTERIOR DOOR JAMB - CONC. WALL
 SCALE: 3" = 1'-0"

SPECIFICATION NOTES:

03 30 00.1 CAST-IN-PLACE CONCRETE	07 41 13.4 METAL ROOF RIDGE VENT	09 30 00.1 CERAMIC TILE	11 11 00.1 TRENCH DRAIN
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07 41 13.2 METAL GUTTERS	09 29 00.3 SOUND ATTENUATION BLANKETS	10 44 13.2 SURFACE-MTD. FIRE EXTINGUISHER CABINET	
07 41 13.3 METAL DOWNSPOUTS	09 29 00.4 TILE BACKING PANELS	10 51 13.1 LOCKERS	



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 DRAWN BY: **MWM**

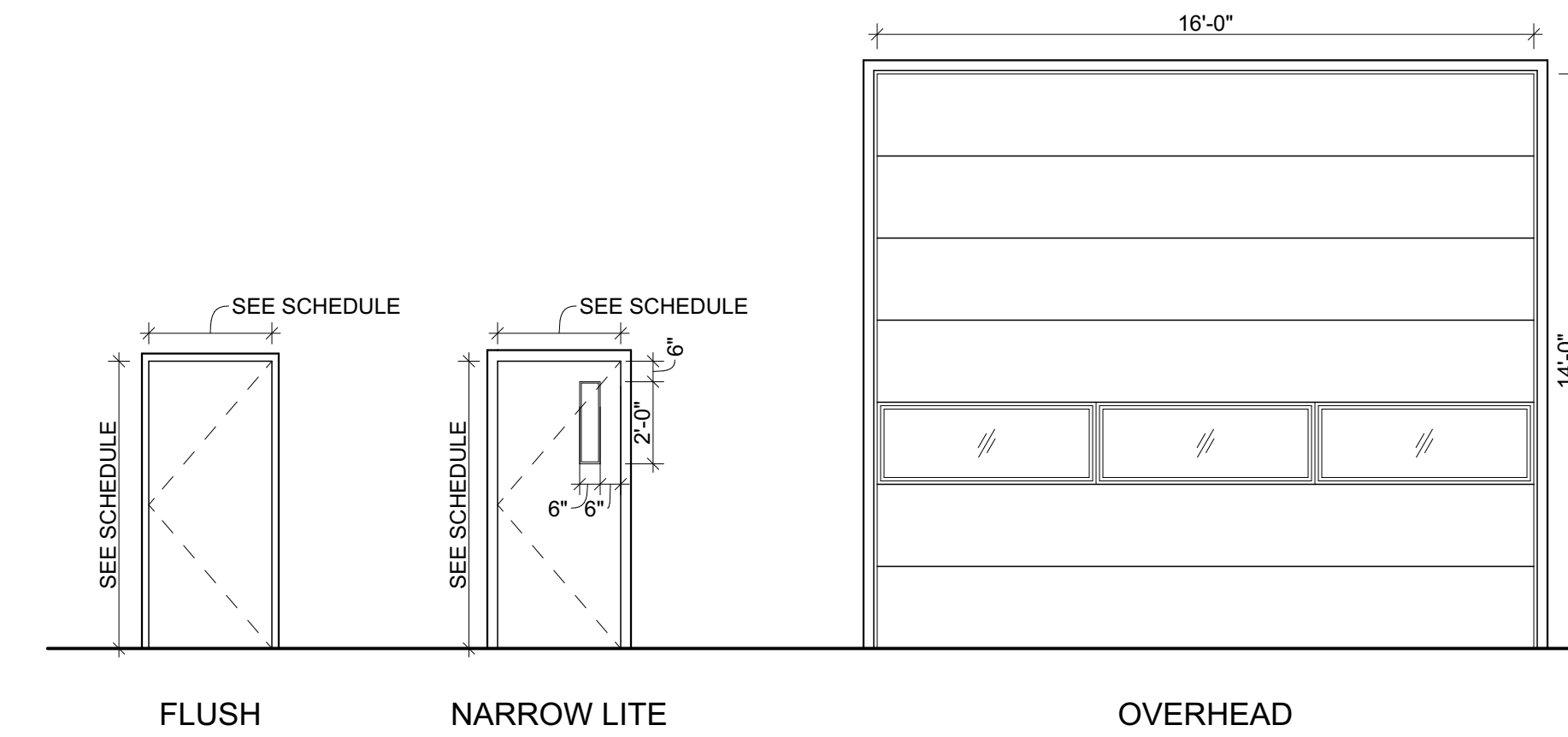
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SHEET TITLE

EXTERIOR DETAILS

A-901

DOOR SCHEDULE														
DOOR NUMBER		ROOM NAME	NOMINAL		LEAF THICKNESS	MATL	TYPE	FRAME TYPE	DETAIL		HDWR. SET	RATINGS		REMARKS
ROOM	ID		WIDTH	HEIGHT					HEAD	JAMB		FIRE	STC	
100	A	BREAK ROOM	3'-0"	7'-0"	1 3/4"	HM	NARROW LITE	HM-1	B5/A501	B5/A501	02	Unrated	---	
101	A	OFFICE	3'-0"	7'-0"	1 3/4"	HM	FLUSH	HM-2	B5/A501	B5/A501	01	Unrated	---	18" SIDELITE
102	A	RESTROOM	3'-0"	7'-0"	1 3/4"	HM	FLUSH	HM-1	B5/A501	B5/A501	03	Unrated	---	
103	A	TRUCK STORAGE	3'-0"	7'-0"	1 3/4"	HM	NARROW LITE	HM-1	A2/A901	C2 & D1/A901	04	Unrated	---	
103	B	TRUCK STORAGE	3'-0"	7'-0"	1 3/4"	HM	NARROW LITE	HM-1	A2/A901	C2 & D1/A901	04	Unrated	---	
103	C	TRUCK STORAGE	16'-0"	14'-0"	---	STL	OVERHEAD	---	D2/A900	C2+C3/A900	---	Unrated	---	
103	D	TRUCK STORAGE	16'-0"	14'-0"	---	STL	OVERHEAD	---	D2/A900	C2+C3/A900	---	Unrated	---	
103	E	TRUCK STORAGE	16'-0"	14'-0"	---	STL	OVERHEAD	---	D2/A900	C2+C3/A900	---	Unrated	---	
103	F	TRUCK STORAGE	16'-0"	14'-0"	---	STL	OVERHEAD	---	D2/A900	C2+C3/A900	---	Unrated	---	
103	G	TRUCK STORAGE	16'-0"	14'-0"	---	STL	OVERHEAD	---	D2/A900	C2+C3/A900	---	Unrated	---	
103	H	TRUCK STORAGE	16'-0"	14'-0"	---	STL	OVERHEAD	---	D2/A900	C2+C3/A900	---	Unrated	---	
103	J	TRUCK STORAGE	16'-0"	14'-0"	---	STL	OVERHEAD	---	D2/A900	C2+C3/A900	---	Unrated	---	
104	A	WASHBAY	3'-0"	7'-0"	1 3/4"	FG	FLUSH	FG-1	A2/A901 (SIM.)	C2 & D1/A901 (SIM.)	05	Unrated	---	ALL HARDWARE TO BE STAINLESS STEEL
104	B	WASHBAY	3'-0"	7'-0"	1 3/4"	FG	FLUSH	FG-1	A2/A901 (SIM.)	C2 & D1/A901 (SIM.)	04	Unrated	---	ALL HARDWARE TO BE STAINLESS STEEL
104	C	WASHBAY	16'-0"	14'-0"	---	STL	OVERHEAD	---	D2/A900	C2+C3/A900	---	Unrated	---	ALL HARDWARE TO BE STAINLESS STEEL

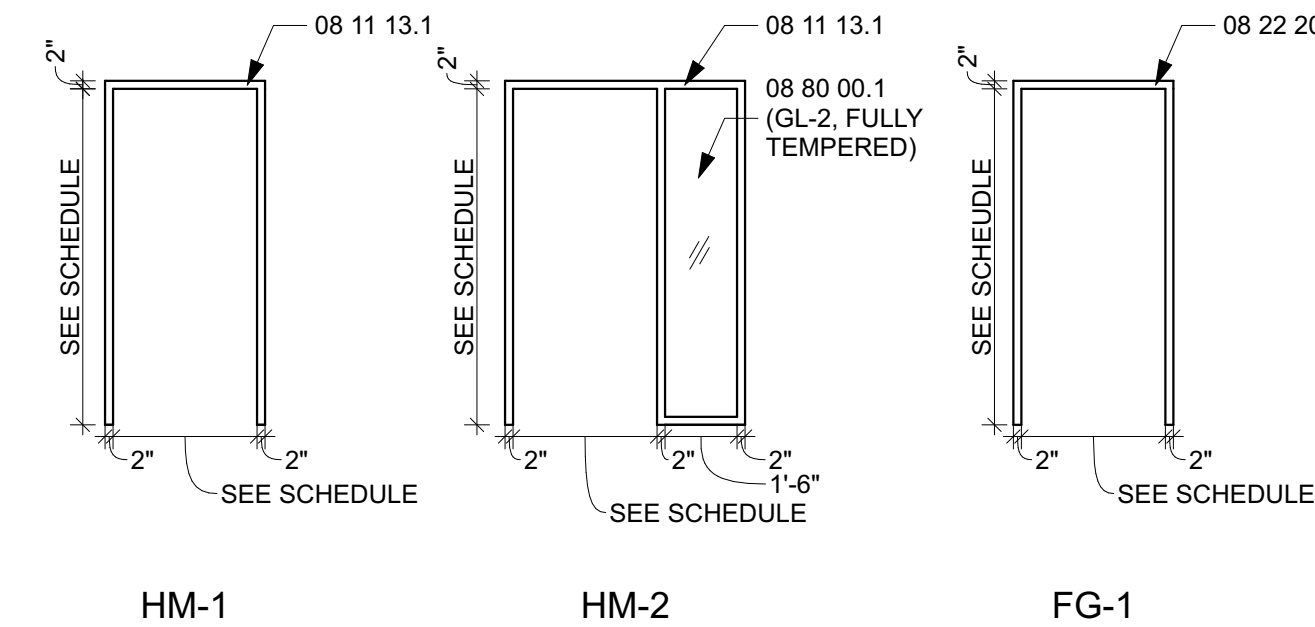


B4 A-1000 DOOR TYPES SCALE: 1/4" = 1'-0"

FINISH SCHEDULE									
ROOM NUMBER	ROOM NAME	FINISH - FLOOR	FINISH - BASE	WALL FINISH/N	WALL FINISH/E	WALL FINISH/S	WALL FINISH/W	CEILING	REMARKS
100	BREAK ROOM	EF	EF	GB-PT	GB-PT	GB-PT	GB-PT	ACT	
101	OFFICE	EF	EF	GB-PT	GB-PT	GB-PT	GB-PT	ACT	
102	RESTROOM	EF	EF	CT	CT	CT	CT	GB-PT	
103	TRUCK STORAGE	CONC	---	CONC/MLP	CONC/MLP	CONC/MLP	CONC/MLP/FRP-1	MLP	EPOXY FLOORING AT ENTRY, SEE FLOOR PLAN FOR EXTENTS.
104	WASHBAY	SFC	---	PT/PVC	PT/PVC	PT/PVC	PT/PVC	PVC	

FINISH LEGEND

- ACT: ACOUSTICAL CEILING TILE (09 51 13)
- CONC: CONCRETE (03 30 00.1)
- CT: CERAMIC TILE (09 30 00)
- EF: EPOXY FLOORING (09 67 00)
- FRP-1: FRP PANELS (09 77 00.1)
- PVC: INTERLOCKING PVC PANELS (09 77 00.2)
- MLP: METAL LINER PANELS (07 42 13.2)
- GB: GYPSUM BOARD (09 29 00)
- PT: PAINT (09 91 23/09 96 00)
- SFC: SILICA FUME CONCRETE (03 30 10)



B4 A-1000 DOOR FRAME TYPES SCALE: 1/4" = 1'-0"

PARTITION SCHEDULE						
PARTITION TYPE	P1	P2	P3	P4	P5	P6
	(SUBSTITUTE WD SHEATHING FOR GYP BD ON TRUCK STORAGE SIDE AT SHEAR WALL LOCATION PER STRUCTURAL.)					
SECTION						

WINDOW SCHEDULE		
ID	W-1	W-2
UNIT SIZE	4'-0" x 3'-4"	2'-6" x 3'-4"
WINDOW TYPE		
	SLIDING	FIXED

FINISH GENERAL NOTES:

- THE FLOOR FINISH TRANSITION AT DOOR OPENINGS SHALL ALIGN WITH CENTER OF THE DOOR (NOT FRAME). COORDINATE INSTALLATION IN THE FIELD AT EACH OPENING.
- THE COLOR CHANGE FOR DOOR FRAMES SHALL OCCUR AT THE HINGE SIDE OF THE DOOR STOP (INSIDE CORNER).
- ALL FIELD PAINTED ITEMS SURFACE MOUNTED AND/OR SUSPENDED SHALL BE PAINTED TO MATCH THE ADJACENT SURFACE. SPECIFIC ITEMS IN QUESTION DUE TO CLOSE PROXIMITY OF MULTIPLE COLORS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO PAINTING.
- JOINT SEALANTS SHALL MATCH THE ADJACENT SURFACES. PROVIDE INSTALLED SAMPLE FOR THE ARCHITECT'S REVIEW PRIOR TO COMMENCING WORK.
- PAINT ACCESS DOORS AND FRAMES TO MATCH ADJACENT SURFACES.
- ALL EXTERIOR LOUVERS AND EXHAUST VENTS/CAPS SHALL BE PAINTED. CUSTOM MATCH EXTERIOR METAL PANELS.

PARTITION NOTES:

- PARTITION TYPES INDICATED ARE CONTINUOUS TO A CORNER OR AN INTERLOCKING PARTITION UNLESS INDICATED OTHERWISE. WHERE PARTITIONS OF DIFFERENT THICKNESSES MEET, MAINTAIN A FLUSH SURFACE ON THE SIDE WHERE FACES ARE STRAIGHT AND CONTINUOUS, UNLESS NOTED OTHERWISE.
- DESIGN AND DETAILING SHALL CONFORM TO THE NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION BY THE AMERICAN WOOD COUNCIL.
- EDGES OF GYPSUM WALL BOARD LEFT EXPOSED TO VIEW, OR ABUTTING DISSIMILAR MATERIAL ARE TO BE FINISHED WITH METAL EDGE TRIM AND COMPOUND UNLESS NOTED OTHERWISE (NO "S" BEADS).
- PROVIDE DOUBLE STUDS AT ALL DOOR JAMBS.
- PROVIDE FOR DEFLECTION AT ALL FULL HEIGHT PARTITIONS.

SPECIFICATION NOTES:

- | | | | |
|--|--|--|---|
| 03 30 00.1 CAST-IN-PLACE CONCRETE | 07 41 13.4 METAL ROOF RIDGE VENT | 09 30 00.1 CERAMIC TILE | 11 11 00.1 TRENCH DRAIN |
| 03 30 00.2 TEXTURED/PIGMENTED CONCRETE | 07 41 13.5 CAST-IRON DOWNSPOUT BOOT | 09 51 13.1 ACOUSTICAL CEILING TILE | 11 11 00.2 TRENCH DRAIN CATCH BASIN |
| 03 30 00.3 VAPOR BARRIER | 07 41 13.6 METAL FASCIA | 09 65 13.1 RESILIENT BASE | 11 11 00.3 COMPRESSED AIR REEL |
| 03 30 00.4 GRAVEL BASE | 07 41 13.7 UNDERLAYMENT | 09 67 00.1 EPOXY FLOORING SYSTEM | 11 11 00.9 WATER REEL AND HOSE |
| 03 30 00.7 EXPANSION JT | 07 41 13.8 PERFORATED METAL SOFFIT PANEL | 09 77 00.1 FRP PANELS | 11 11 10.1 PRESSURE WASHER |
| 03 30 00.8 GROUT | 07 42 13.1 METAL WALL PANELS | 09 77 00.2 INTERLOCKING PVC PANELS | 11 11 10.2 PRESSURE WASHER TROLLEY SYSTEM |
| 05 50 00.1 GALVANIZED STEEL BOLLARD W/ COVER | 07 42 13.2 METAL LINER PANELS | 09 96 00.1 EPOXY PAINT | 11 11 10.3 UNDERCARRIAGE WASH |
| 05 50 00.2 HOPE BOLLARD COVER | 07 62 00.1 METAL FLASHING | 10 11 00.1 MARKER BOARD | 11 11 10.4 VEHICLE WASH PUMP |
| 06 10 00.1 WOOD FRAMING | 07 72 53.1 SNOW GUARD | 10 11 00.2 TACK BOARD | 11 11 10.5 VEHICLE WASH TANK |
| 06 10 00.2 WOOD FURRING @ 24" O.C. | 07 92 00.1 JOINT SEALANTS | 10 22 13.1 WIRE MESH PARTITION | 11 11 10.6 PRESSURE WASHER REMOTE SYSTEM |
| 06 16 00.1 5/8" SHEATHING | 08 11 13.1 HOLLOW METAL DOORS/FRAMES | 10 28 00.1 TOILET TISSUE DISPENSER | 11 11 10.7 VEHICLE WASH SWITCH |
| 06 16 00.2 ROOF SHEATHING | 08 22 20.1 FIBERGLASS DOORS/FRAMES | 10 28 00.2 PAPER TOWEL DISPENSER | 11 30 13.1 MICROWAVE |
| 06 41 16.1 CABINET | 08 31 13.1 ACCESS PANEL | 10 28 00.3 WASTE RECEPTACLE | 11 30 13.2 REFRIGERATOR |
| 06 41 16.2 SOLID SURFACE COUNTERTOP | 08 38 13.1 OVERHEAD SECTIONAL DOORS | 10 28 00.4 SOAP DISPENSER | 12 21 13.1 HORIZONTAL LOUVER BLINDS |
| 06 41 16.3 SOLID SURFACE WINDOW SILL | 08 36 14.1 WASHBAY OVERHEAD DOORS | 10 28 00.5 GRAB BAR | 22 00 00.1 PLUMBING FIXTURE(REFER TO PLUMBING DRAWINGS) |
| 07 21 00.1 FOUNDATION INSULATION | 08 43 13.1 ALUMINUM FRAME STOREFRONTS | 10 28 00.6 SANITARY NAPKIN DISPOSAL | 22 47 00.1 BOTTLE FILLER |
| 07 21 00.2 BATT INSULATION | 08 51 13.1 ALUMINUM WINDOWS | 10 28 00.7 COAT HOOK | 23 34 00.1 EXHAUST FAN (REFER TO MECHANICAL) |
| 07 21 00.3 RIGID INSULATION | 08 80 00.1 GLAZING | 10 28 00.8 FRAMED MIRROR UNIT | 23 37 33 HVAC LOUVERS (REFER TO MECHANICAL) |
| 07 21 00.4 INSULATION BAFFLE | 09 22 16.1 METAL "Z" FURRING | 10 28 00.9 UNDER LAVATORY GUARD | 26 00 00.1 LIGHT FIXTURES (REFER TO ELECTRICAL) |
| 07 25 00.1 AIR BARRIER | 09 29 00.1 5/8" GYPSUM BOARD | 10 28 00.10 MOIP HOLDER/ SHELF | 33 46 00.1 FOUNDATION DRAIN |
| 07 41 13.1 METAL ROOF PANELS | 09 29 00.2 1/2" GYPSUM BOARD | 10 44 13.1 SEMI-RECESSED FIRE EXTINGUISHER CABINET | |
| 07 41 13.2 METAL GUTTERS | 09 29 00.3 SOUND ATTENUATION BLANKETS | 10 44 13.2 SURFACE-MTD. FIRE EXTINGUISHER CABINET | |
| 07 41 13.3 METAL DOWNSPOUTS | 09 29 00.4 TILE BACKING PANELS | 10 51 13.1 LOCKERS | |



DOT-20023 ODOT - EATON OUTPOST

5656 US-127 Eaton, Ohio 45320

MARK	DATE	DESCRIPTION
1	12/17/2021	REVISION 1 PERMIT / BID SET
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-	11/12/2021	PERMIT SET

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SHEET TITLE

SCHEDULES

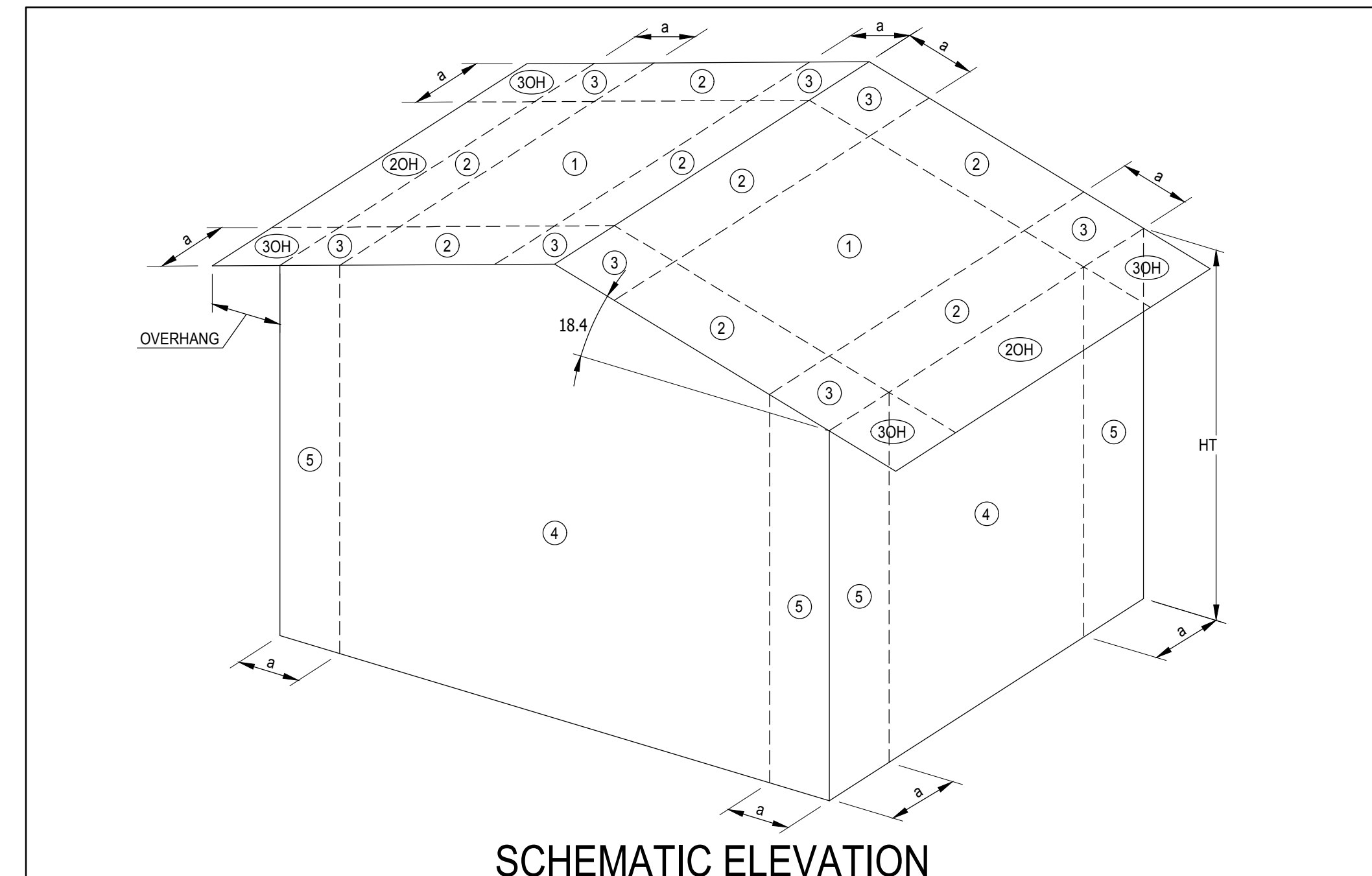
A-1000

STRUCTURAL DRAWING ABBREVIATIONS

ADDL ADDITIONAL	L ANGLE
ADJ ADJACENT	LBS POUNDS
AESS ARCH EXPOSED STRUCTURAL STEEL	LF LINEAL FEET
ALT ALTERNATE	LG LONG
& AND	LL LIVE LOAD
APPROX APPROXIMATELY	LLH LONG LEG HORIZONTAL
ARCH ARCHITECT or ARCHITECTURAL	LLV LONG LEG VERTICAL
@ AT or SPACING	LOC LOCATION
	LONG LONGITUDINAL
B/ BOTTOM OF	LSH LONG SIDE HORIZONTAL
BL BUILDING LINE	LSV LONG SIDE VERTICAL
BLDG BUILDING	LT WT LIGHT WEIGHT
BLKG BLOCKING	MANUF MANUFACTURER
BM BEAM	MAS MASONRY
BRDG BRIDGING	MATL MATERIAL
BRG BEARING	MAX MAXIMUM
BTWN BETWEEN	MECH MECHANICAL
BOT BOTTOM	MEZZ MEZZANINE
	MFR MANUFACTURER
CANT CANTILEVER	MIN MINIMUM
CL CENTERLINE	MISC MISCELLANEOUS
CLR CLEAR	MK MARK
CTR CENTER	MTL METAL
COL COLUMN	
CONC CONCRETE	NO. or # NUMBER
CONN CONNECTION	NOM NOMINAL
CONST CONSTRUCTION	NS NEAR SIDE
CONT CONTINUOUS	NTS NOT TO SCALE
CJ CONTROL/CONSTRUCTION JOINT	
CMU CONCRETE MASONRY UNIT	OC ON CENTER
CONT CONTINUOUS	OD OUTSIDE DIAMETER
CUFT CUBIC FEET	OF OUTSIDE FACE
CY CUBIC YARDS	O/O OUT TO OUT
	OPNG OPENING
	OPP OPPOSITE
DBL DOUBLE	PAF POWDER ACTUATED FASTENERS
DEG or ° DEGREE	PAR PARALLEL
DEMO DEMOLITION	PC PRECAST
DET DETAIL	PERP PERPENDICULAR
DF DOUGLAS FIR LARCH	PL PLATE
DIAG DIAGONAL	PLF POUNDS PER LINEAL FOOT
DIA or ø DIAMETER	PLYWD PLY WOOD
DIM DIMENSION	PREFAB PREFABRICATED
DO DITTO	PSF POUNDS PER SQUARE FOOT
DN DOWN	PSI POUNDS PER SQUARE INCH
DP DEEP	PT POST TENSIONED
DWG DRAWING	PTR PRESSURE TREATED
DWL DOWEL	
EA EACH	QL SEISMIC LOAD
EF EACH FACE	QTY QUANTITY
EJ EXPANSION JOINT	
EL ELEVATION	RAD RADIUS
ELEC ELECTRICAL	REF REFERENCE
EMBED EMBEDDED, EMBEDMENT	REINF REINFORCEMENT, REINFORCING.
EQ EQUAL	REINFORCED
EQUIP EQUIPMENT	REQD REQUIRED
ES EACH SIDE	SCHED SCHEDULE
EW EACH WAY	SECT SECTION
EXIST EXISTING	SF SQUARE FOOT
EXP EXPANSION	SHT SHEET
EXT EXTERIOR	SIM SIMILAR
	SOG SLAB-ON-GRADE
FAB FABRICATE	SPA SPACING
FDN FOUNDATION	SPEC(S) SPECIFICATION(S)
FIN FINISH	SPF SPRUCE PINE FIR
FLG FLANGE	SQ SQUARE
FLR FLOOR	SS STAINLESS STEEL
FS FAR SIDE	STD STANDARD
FT FOOT, FEET	STIFF STIFFENER
FTG FOOTING	STL STEEL
	STR STRUCTURAL
GA GAGE	STRUCT STRUCTURAL
GAL GALLON	SUP SUPPORT
GALV GALVANIZED	SYM SYMMETRICAL
GC GENERAL CONTRACTOR	SYP SOUTHERN YELLOW PINE
GEN GENERAL	
GLB GLUE LAMINATED BEAM	T TOP
GR GRADE	T/ TOP OF
GYP BD GYPSUM BOARD	T&B TOP AND BOTTOM
	T&G TONGUE AND GROOVE
HC HOLLOW CORE	TEMP TEMPERATURE STEEL
HORIZ HORIZONTAL	THD THREAD
HS HIGH STRENGTH	THK THICK
HT HEIGHT	THRU THROUGH
HVY HEAVY	TOL TOLERANCE
	TRANS TRANSVERSE
ID INSIDE DIAMETER	TYP TYPICAL
IF INSIDE FACE	
IN INCH	UN or UNO UNLESS NOTED (OTHERWISE)
INFO INFORMATION	
INT INTERIOR	VERT VERTICAL
INV INVERT	VIF VERIFY IN FIELD
JST JOIST	
JT JOINT	W/ WITH
	W/O WITHOUT
K KIPS	WD WOOD
KSF KIPS PER SQUARE FOOT	WP WORKPOINT
KSI KIPS PER SQUARE INCH	WT WEIGHT
	WWF WELDED WIRE FABRIC

LAP TABLE (f_c = 4,000 PSI, EPOXY-COATED)

BAR SIZE	LAP CLASS	TOP BARS	OTHER BARS
#3	A	24	22
	B	32	28
#4	A	33	29
	B	42	37
#5	A	41	36
	B	53	47
#6	A	49	43
	B	63	56
#7	A	71	63
	B	92	81
#8	A	81	71
	B	105	93
#9	A	91	81
	B	119	105
#10	A	103	91
	B	133	118
#11	A	114	101
	B	148	131



WIND PRESSURE (ASCE 7-10) FOR COMPONENTS & CLADDING

EFFECTIVE AREA OF OPENING, A (S.F.)	ZONE 1		ZONE 2		ZONE 3		ZONE 4		ZONE 5		
	PRESSURE (PSF)	SUCTION (PSF)	PRESSURE (PSF)	SUCTION (PSF)	PRESSURE (PSF)	SUCTION (PSF)	PRESSURE (PSF)	SUCTION (PSF)	PRESSURE (PSF)	SUCTION (PSF)	
A ≤ 10	16.00	-17.50	16.00	-28.83	16.00	-28.83	-55.66	18.78	-20.45	18.78	-24.57
10 < A ≤ 20	16.00	-16.84	16.00	-25.51	16.00	-25.51	-47.70	17.61	-19.28	17.61	-22.22
20 < A ≤ 50	16.00	-16.34	16.00	-23.00	16.00	-23.00	-41.68	16.73	-18.39	16.73	-20.45
50 < A ≤ 100	16.00	-16.34	16.00	-23.00	16.00	-23.00	-41.68	16.00	-17.51	16.00	-18.68

NOTES:
 1. VALUES LISTED IN THE ABOVE TABLE ARE BASED UPON AN ENCLOSED BUILDING USING THE SPECIFIED WIND LOADING AS INDICATED IN THE 'DESIGN LOADS' SECTION OF THE GENERAL NOTES.
 2. PRESSURE (POSITIVE) AND SUCTION (NEGATIVE) VALUES SIGNIFY LOADING ACTING TOWARDS AND AWAY FROM THE BUILDING SURFACES, RESPECTIVELY (FULL HEIGHT, UNLESS NOTED).
 3. VALUES LISTED IN THE ABOVE TABLE ARE ALLOWABLE STRESS DESIGN WIND PRESSURES. TO OBTAIN ULTIMATE WIND VALUES, MULTIPLY THE VALUES SHOWN IN THE ABOVE TABLE BY 1.6.
 4. EDGE STRIP "a" = 5'-0", UNLESS NOTED OTHERWISE.
 5. #OH DENOTES OVERHANG WIND LOAD IN CORRESPONDING ZONE.
 6. Ø DENOTES ROOF SLOPE, SEE ROOF PLAN.



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 AS0121-0003 Corp No 01921



DOT-200023
ODOT - EATON
OUTPOST

5656 US-127 Eaton, Ohio 45320

MARK	DATE	DESCRIPTION
1	12/17/21	REVISION 1 PERMIT / BID SET
-	12/10/21	BID SET
-	11/12/21	PERMIT SET

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GENERAL NOTES & TYPICAL DETAILS

S-002



**DOT-200023
ODOT - EATON
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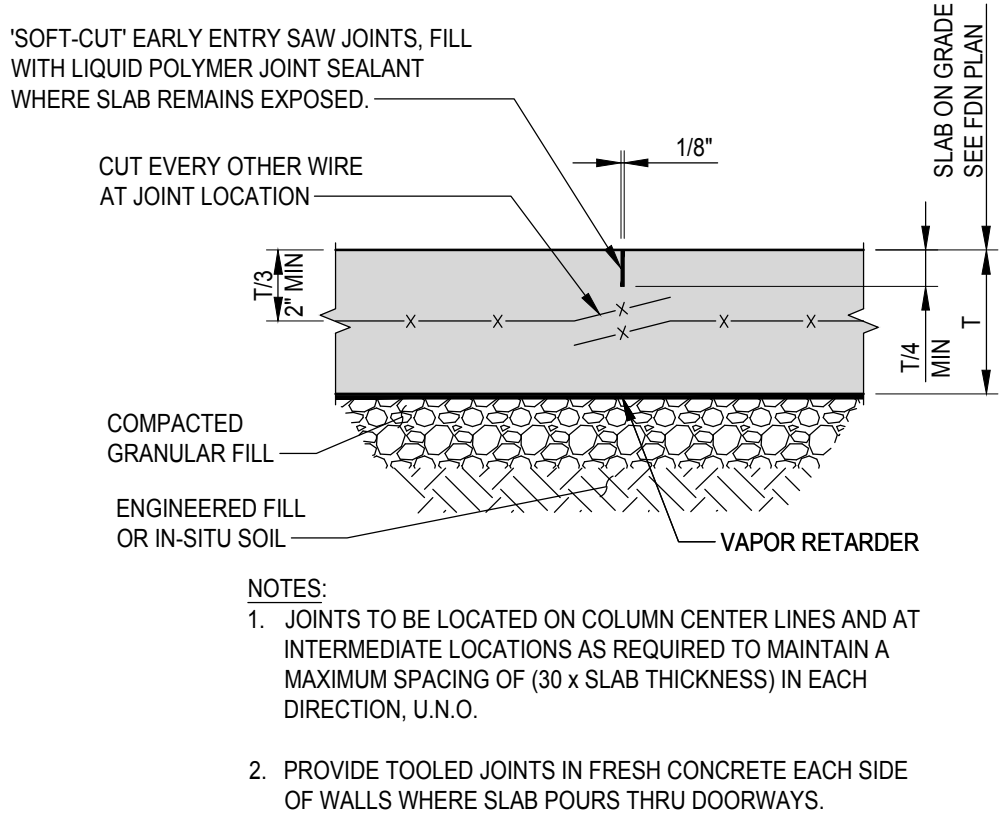
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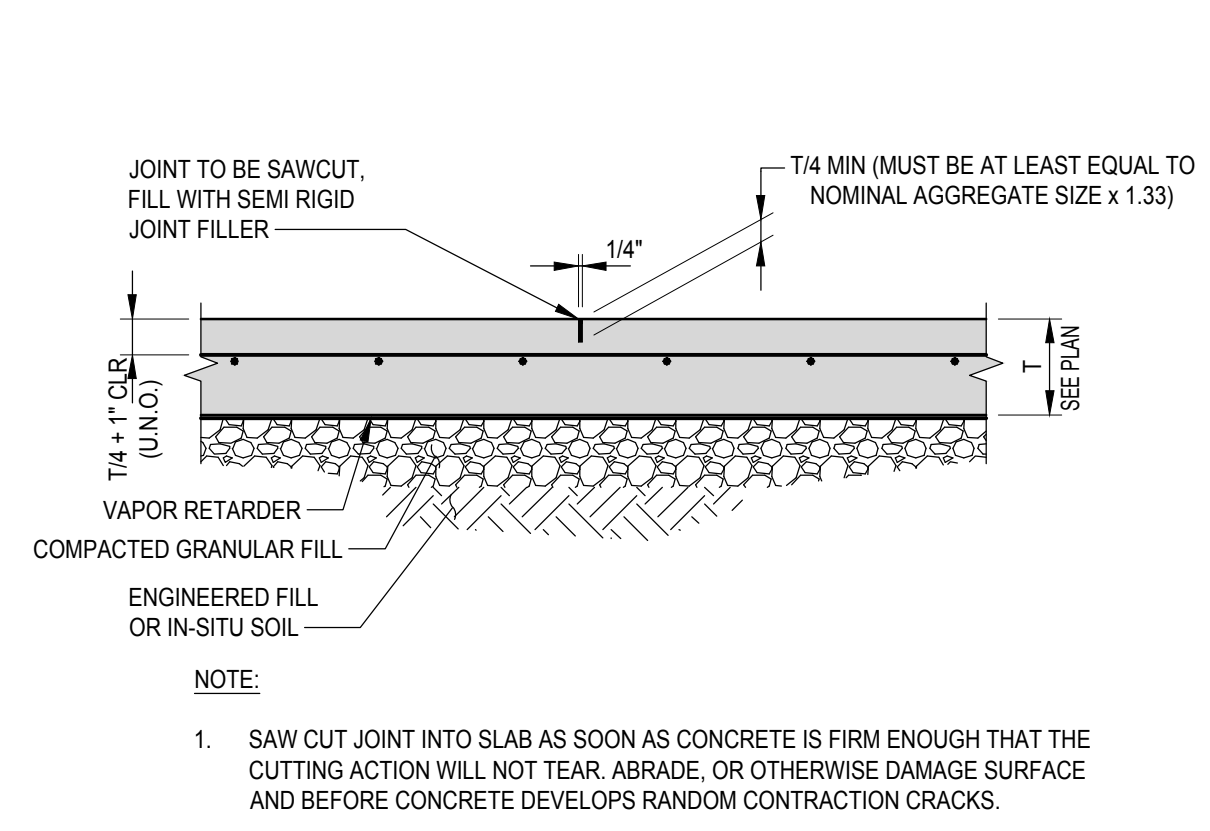
SHEET TITLE

TYPICAL FOUNDATION DETAILS



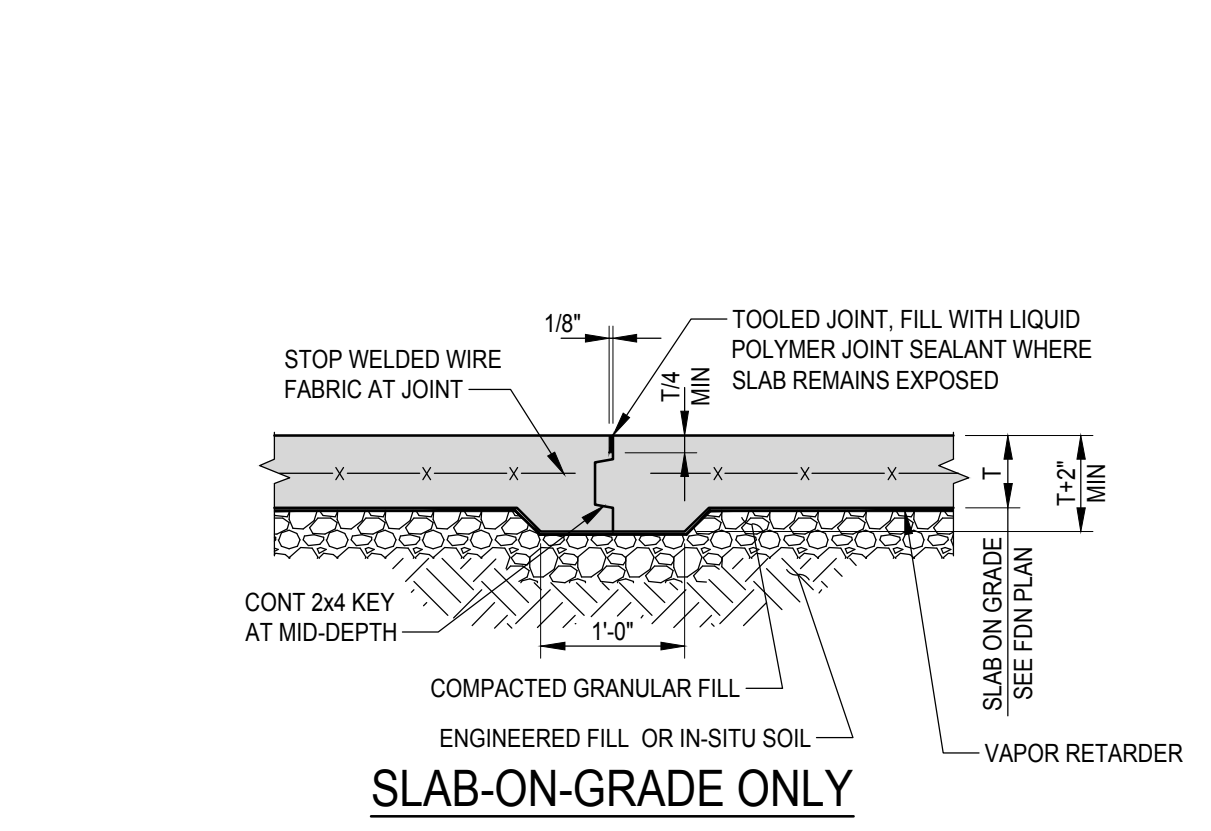
TYPICAL CONTROL JOINT DETAIL FOR SLABS LESS THAN 6" THICK
SCALE: NTS

1
S-003



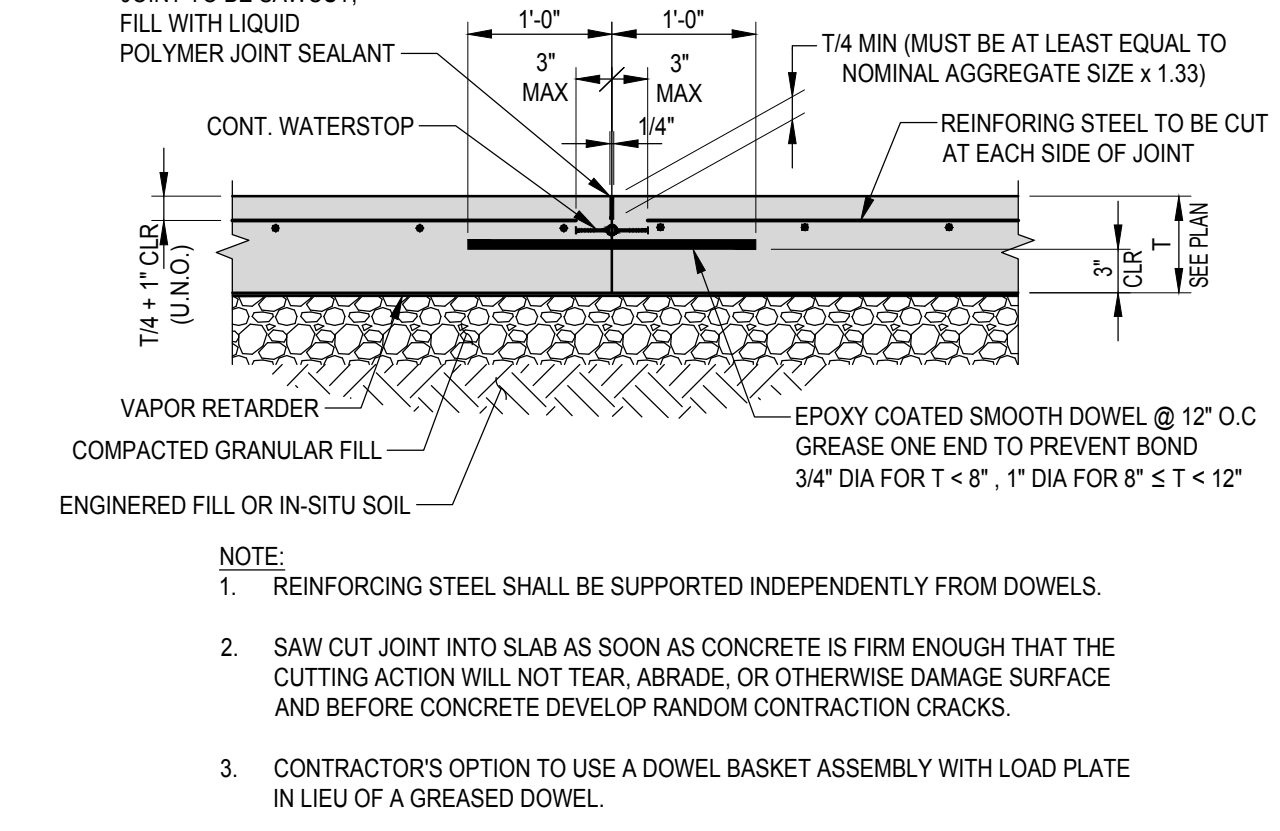
TYPICAL CONTROL JOINT DETAIL FOR 6" - 12" SLABS
SCALE: NTS

2
S-003



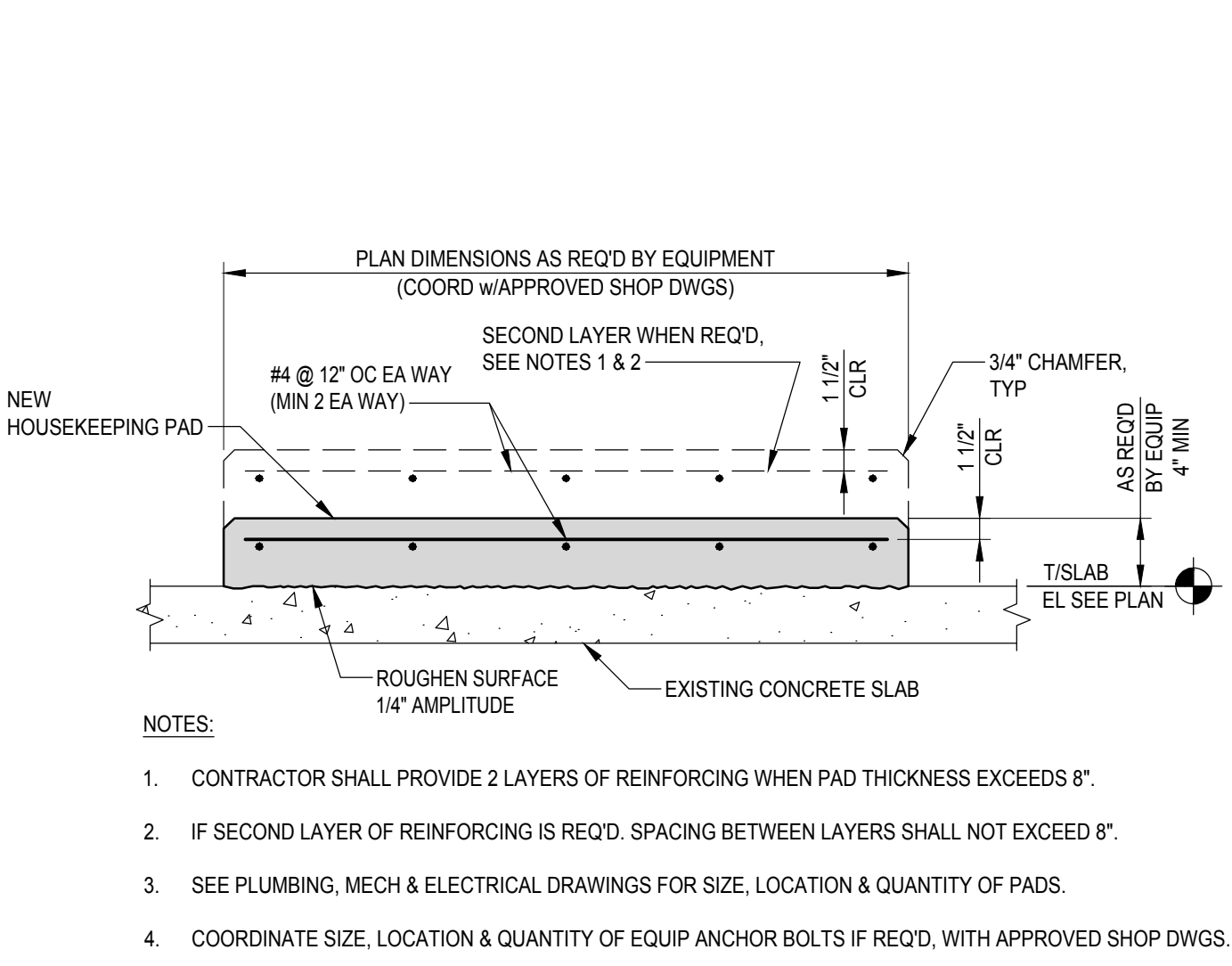
TYPICAL CONSTRUCTION JOINT DETAIL FOR SLABS LESS THAN 6" THICK
SCALE: NTS

3
S-003



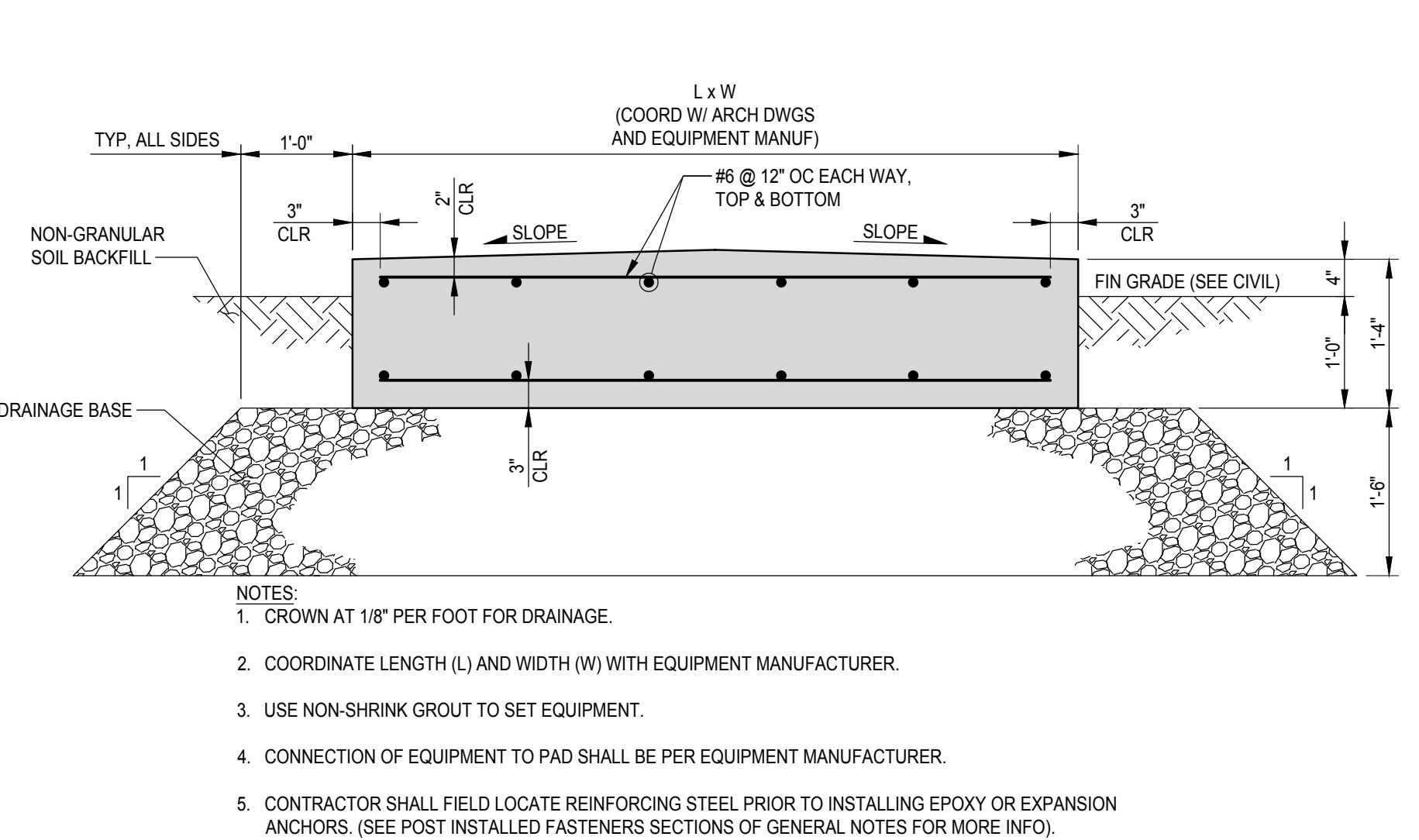
TYPICAL CONSTRUCTION JOINT DETAIL FOR 6" - 12" SLABS
SCALE: NTS

4
S-003



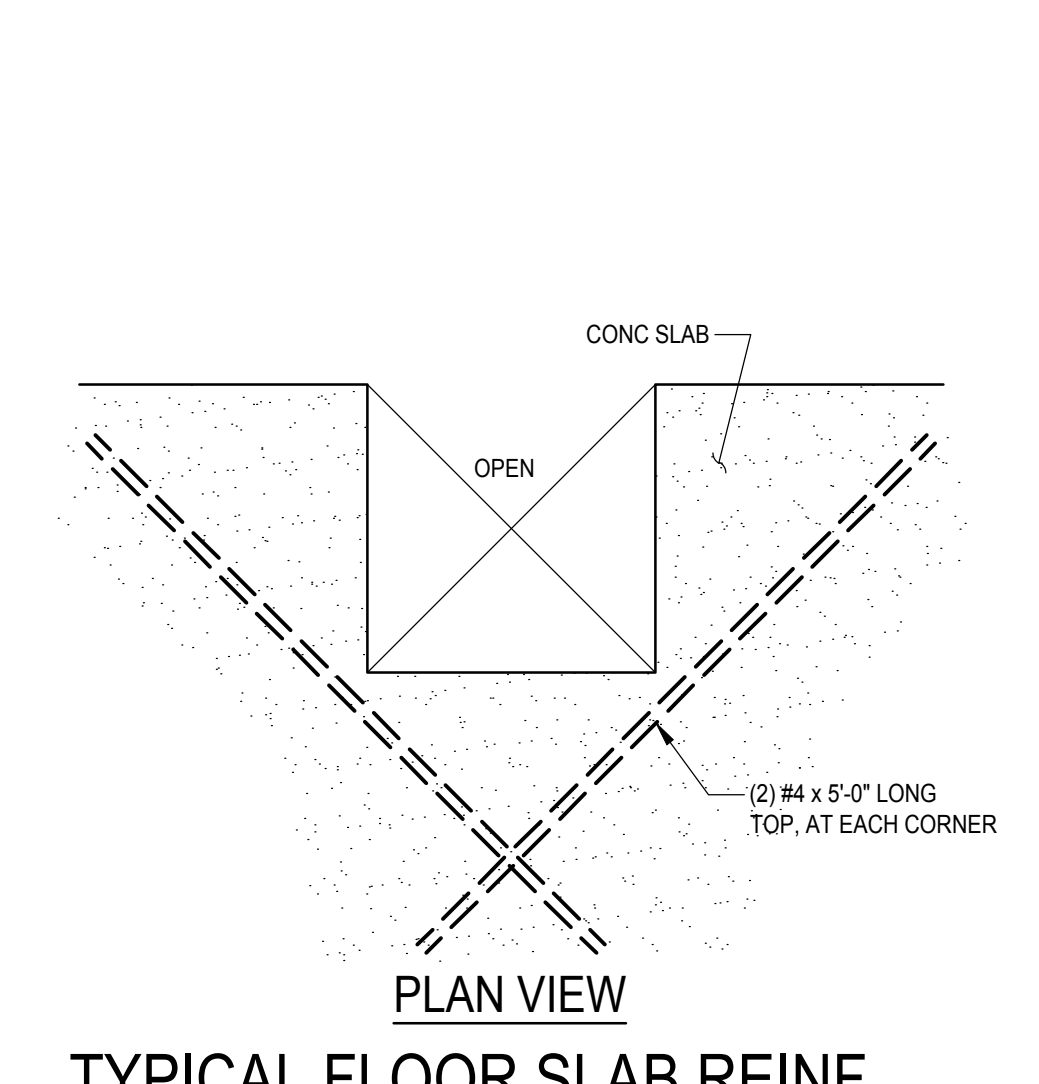
TYPICAL HOUSEKEEPING PAD DETAIL
SCALE: NTS

5
S-003



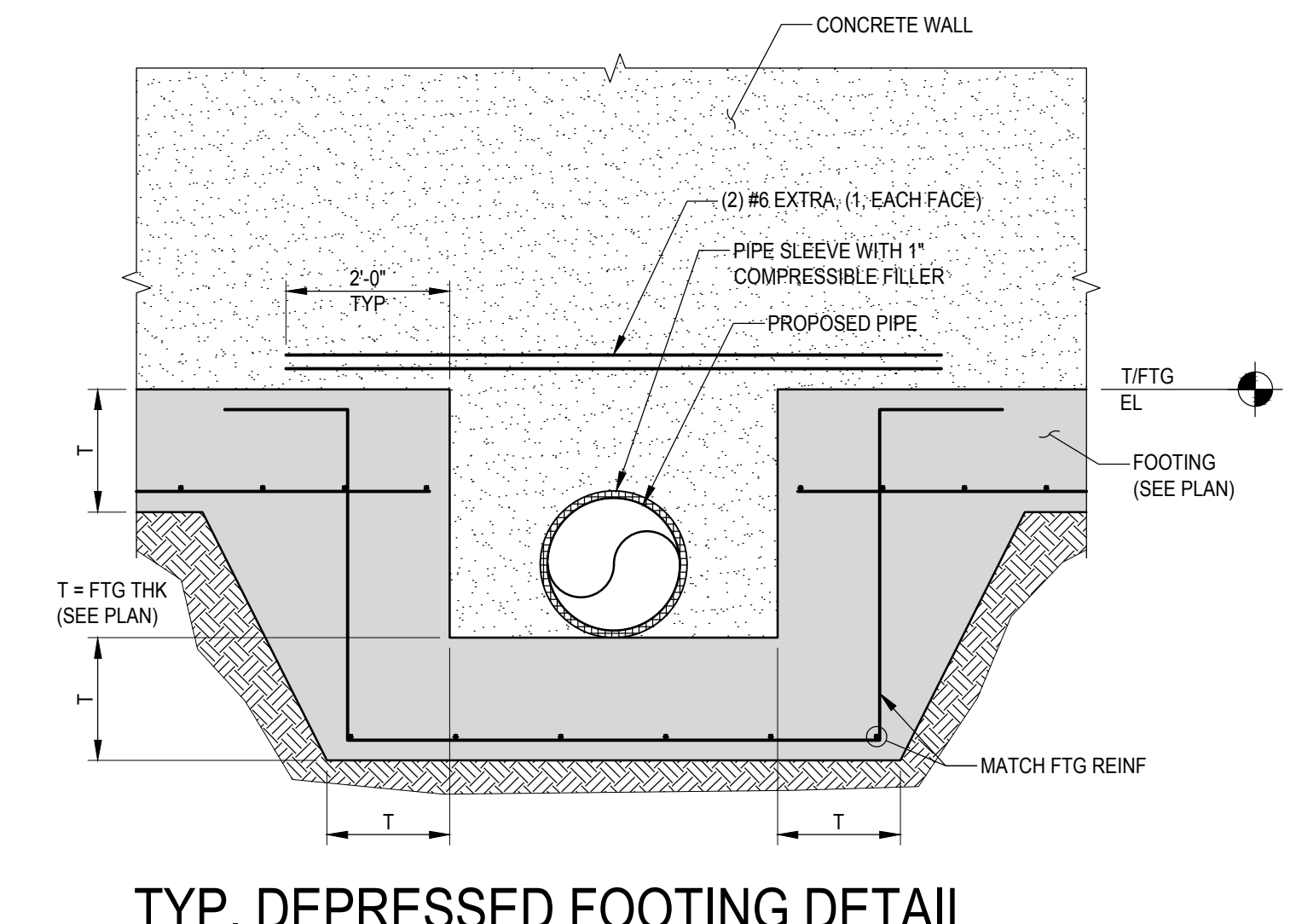
TYPICAL EXTERIOR EQUIPMENT PAD DETAIL
SCALE: NTS

6
S-003



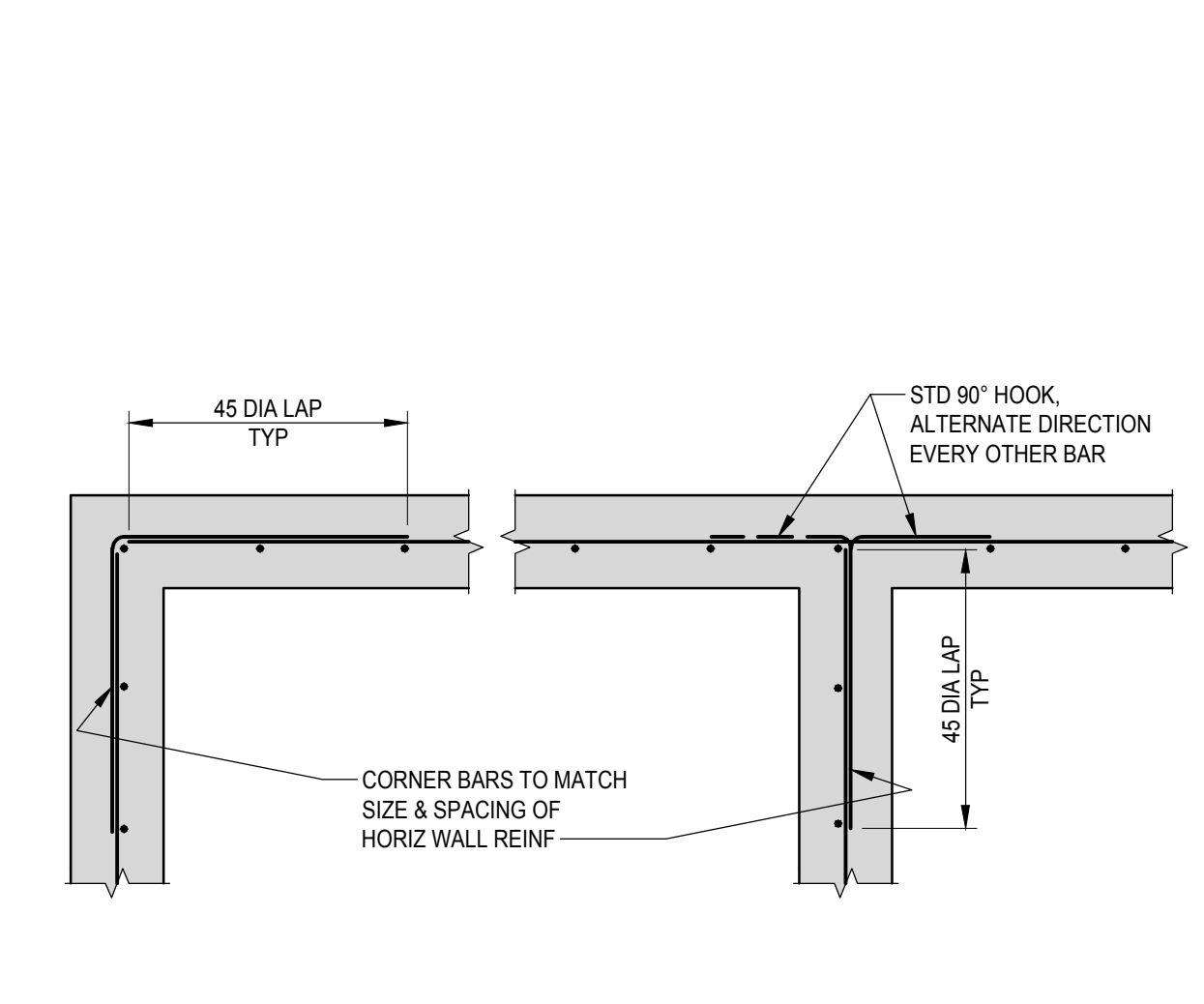
TYPICAL FLOOR SLAB REINF. AT RE-ENTRANT CORNERS
SCALE: NTS

7
S-003



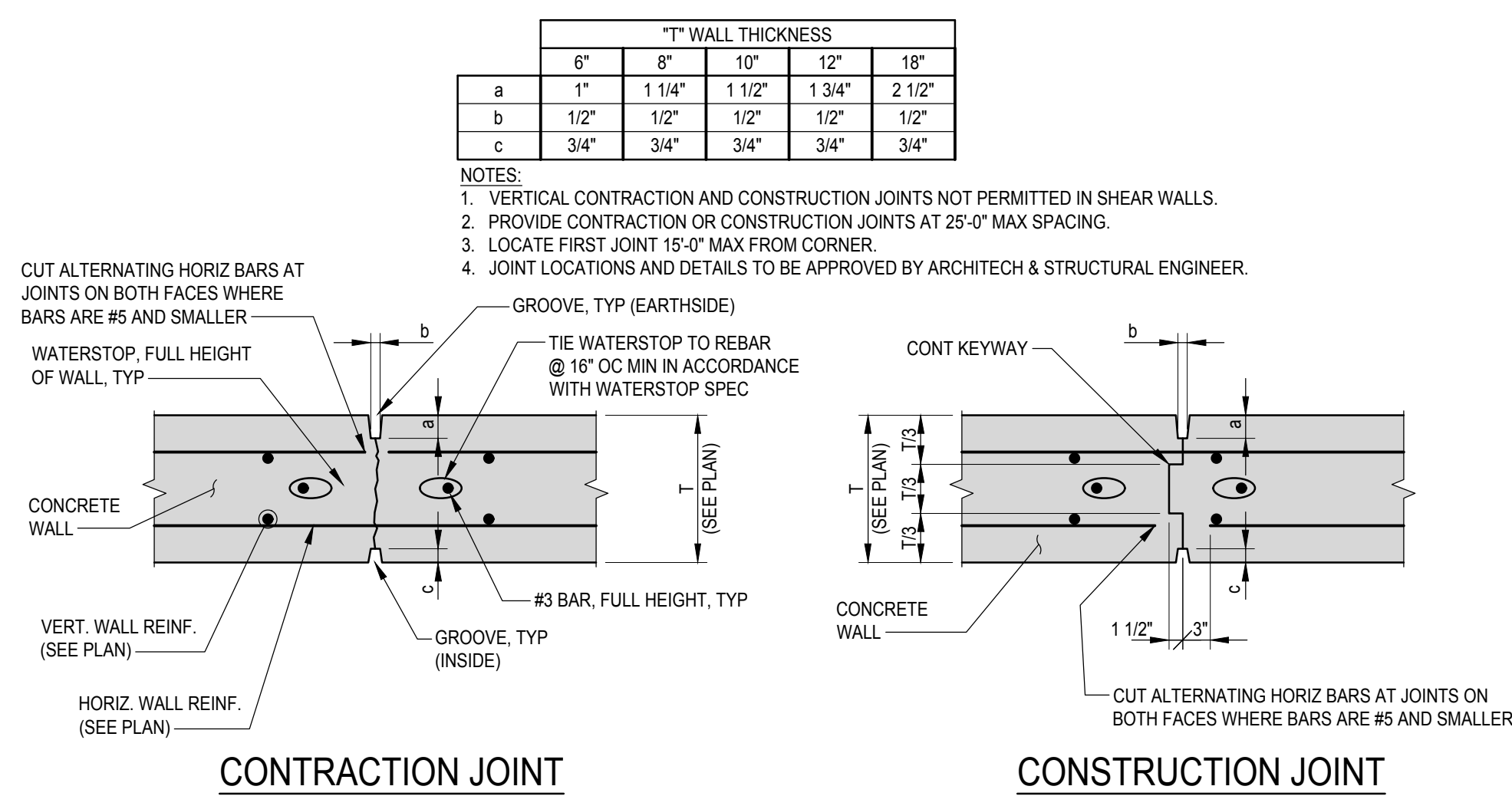
TYP. DEPRESSED FOOTING DETAIL @ WALL PENETRATIONS
SCALE: NTS

8
S-003



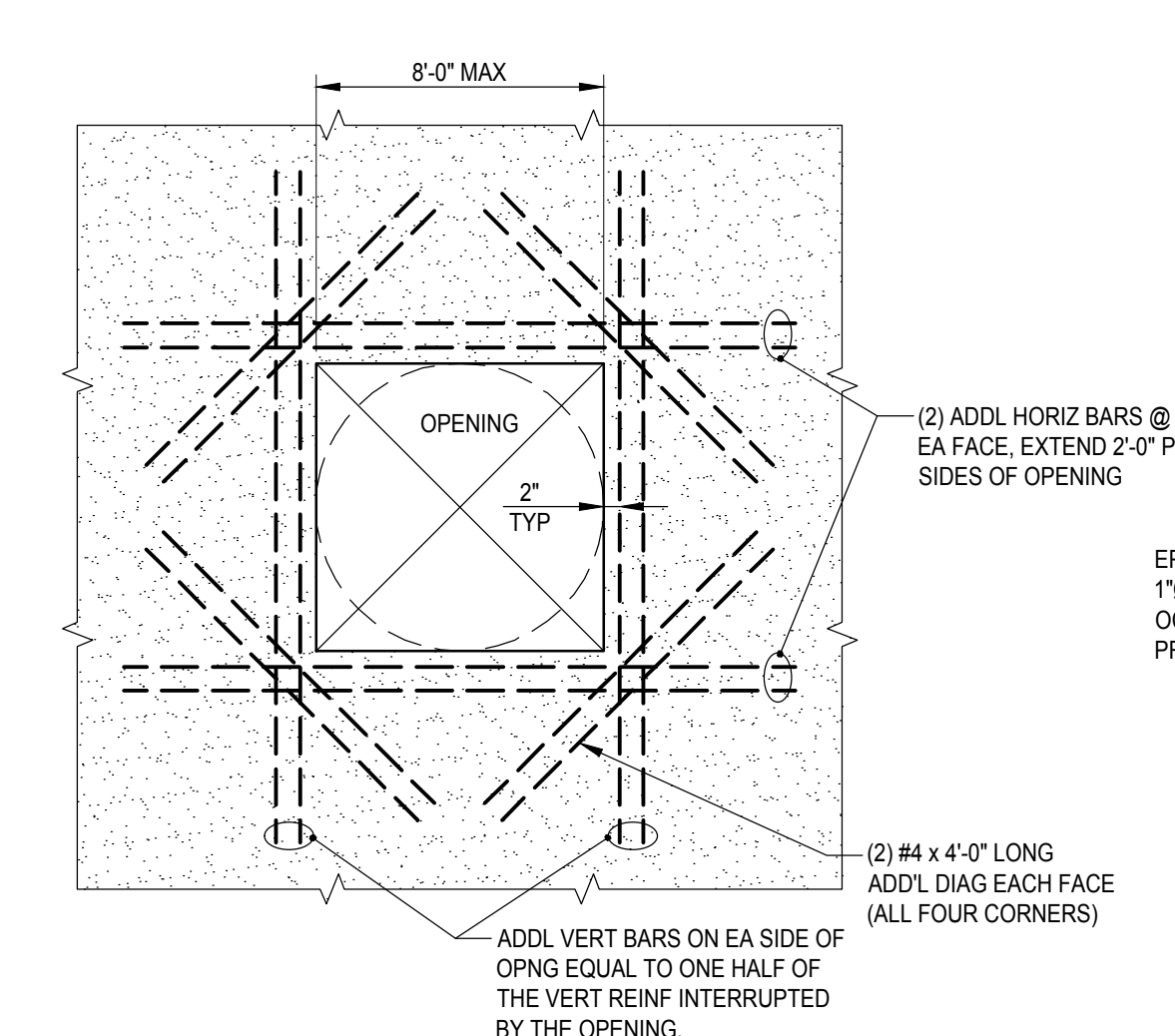
TYPICAL CONC WALL CORNER DETAIL SINGLE LAYER
SCALE: NTS

9
S-003



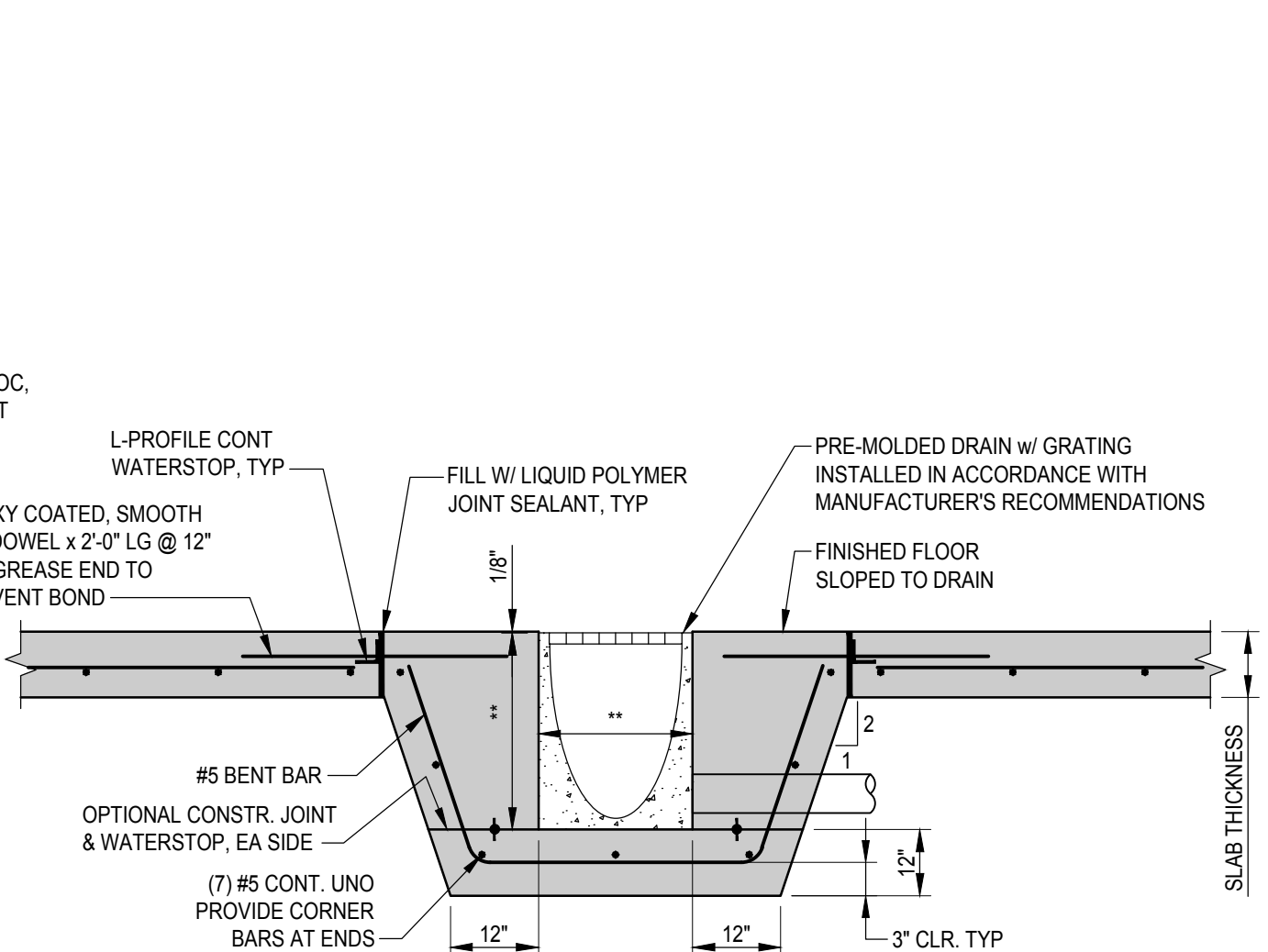
TYPICAL VERTICAL CONTRACTION AND CONSTRUCTION JOINTS IN CONCRETE WALL
SCALE: NTS

10
S-003



TYPICAL REINFORCEMENT AT OPENINGS IN CONCRETE WALL
SCALE: NTS

11
S-003



TYPICAL TRENCH DRAIN DETAIL
SCALE: NTS

12
S-003



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ODOT - EATON
OUTPOST**

5656 US-127 Eaton, Ohio 45320

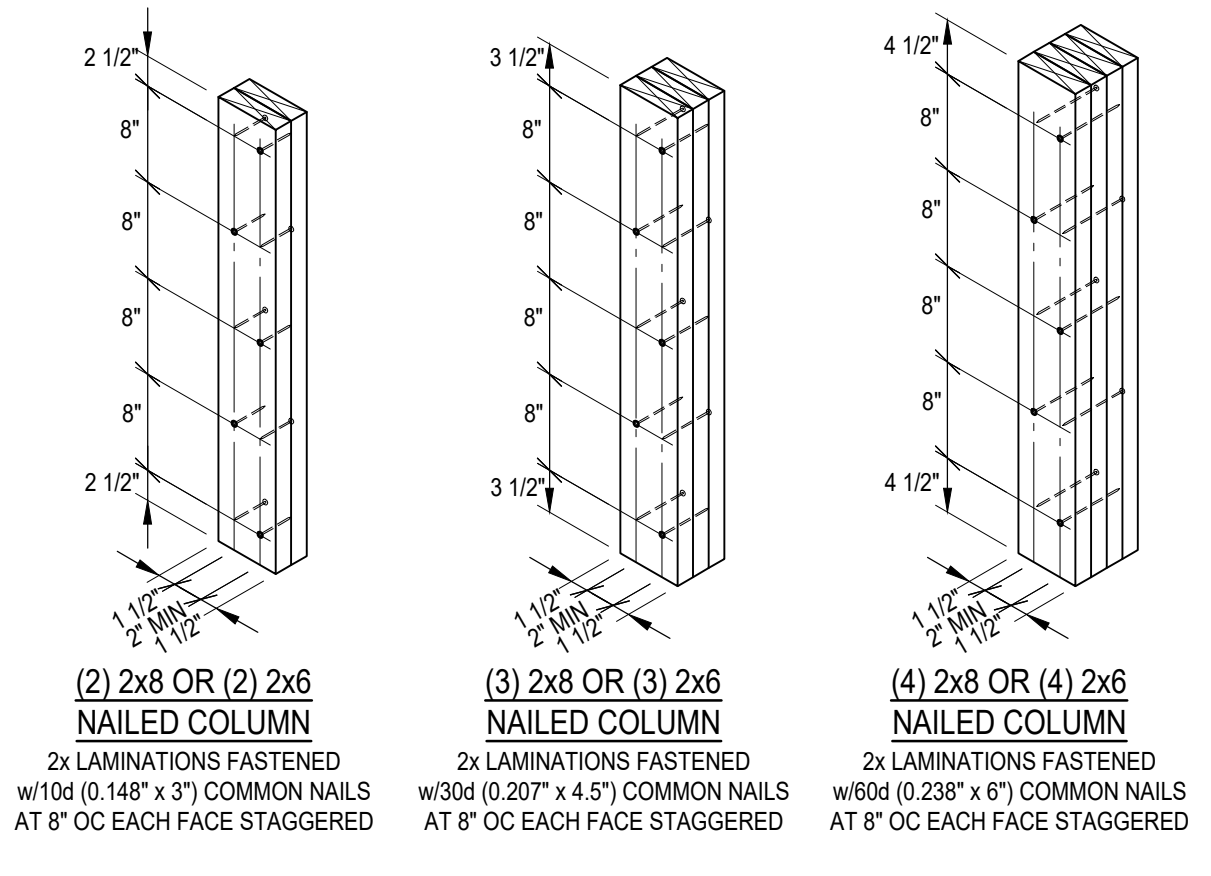
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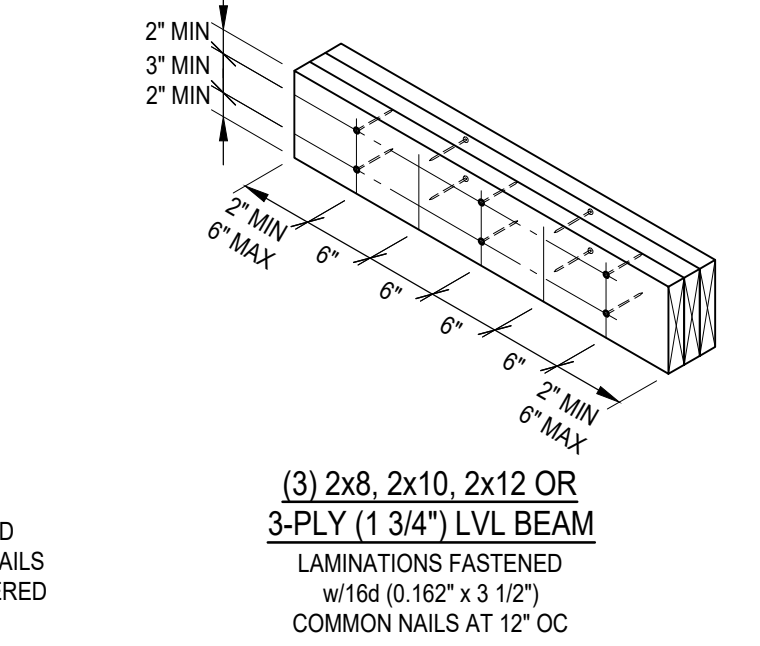
SHEET TITLE

TYPICAL FRAMING DETAILS



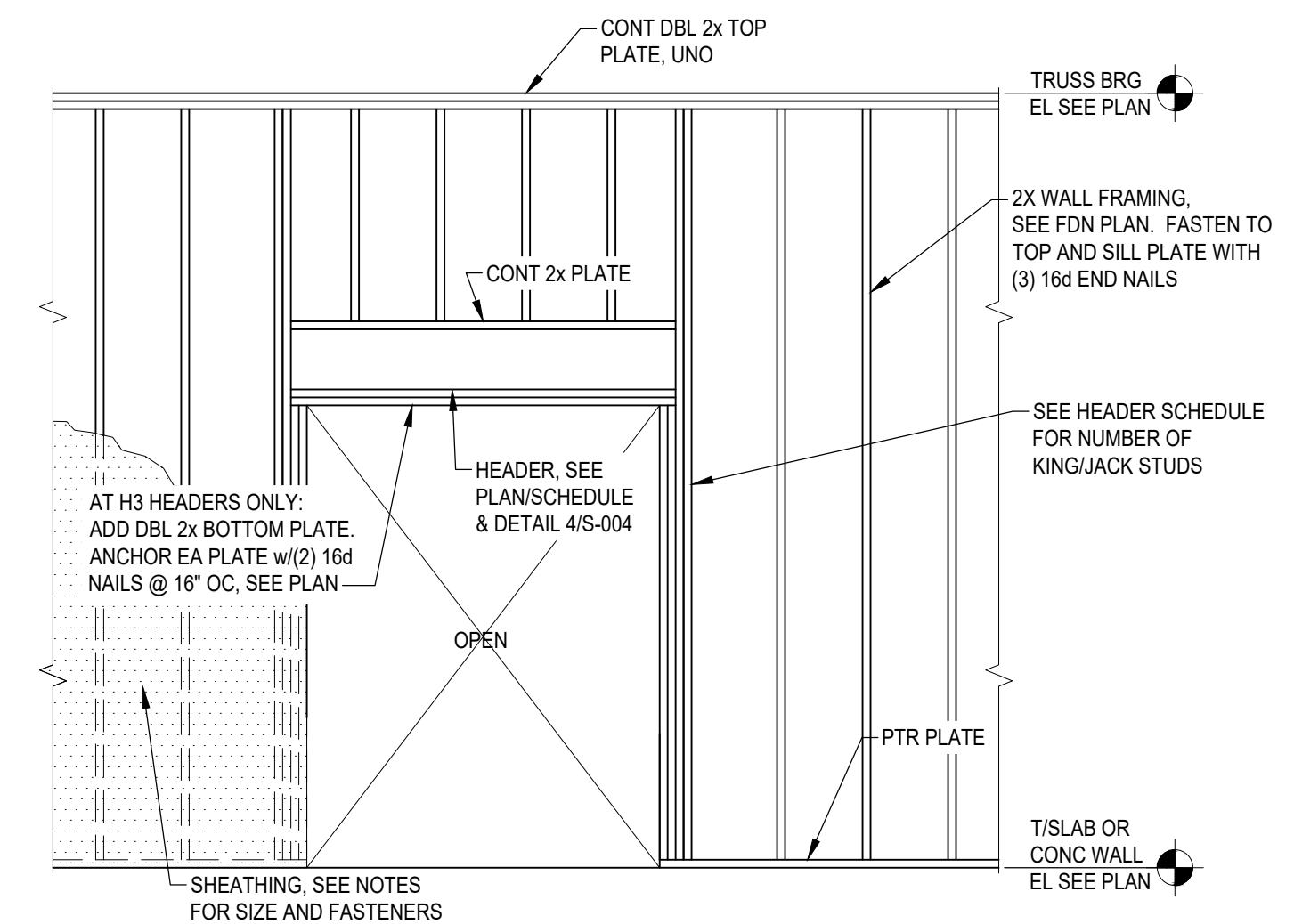
TYPICAL BUILT-UP COLUMN DETAIL

1
S-004



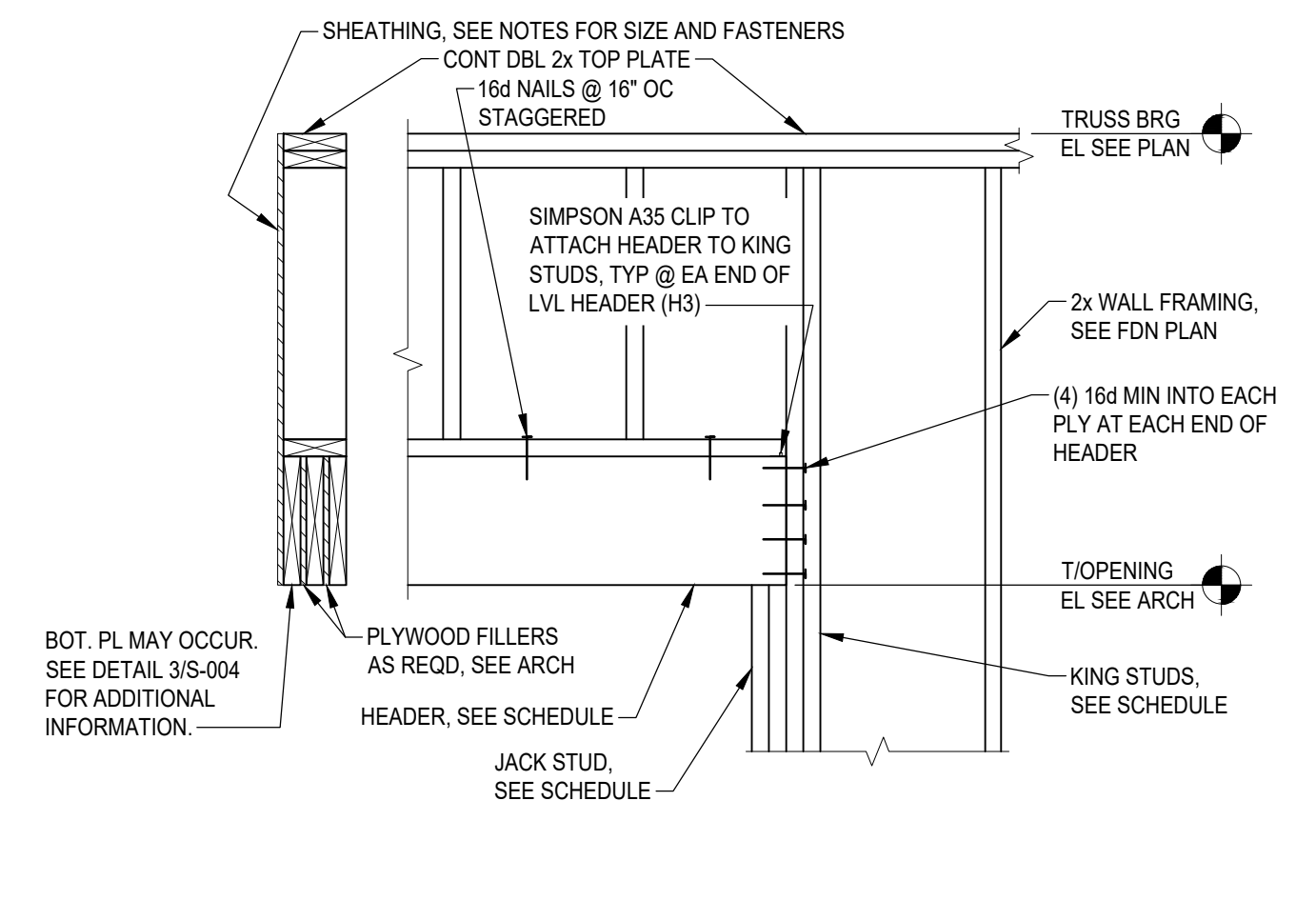
TYPICAL MULTI-MEMBER HEADER DETAIL

2
S-004



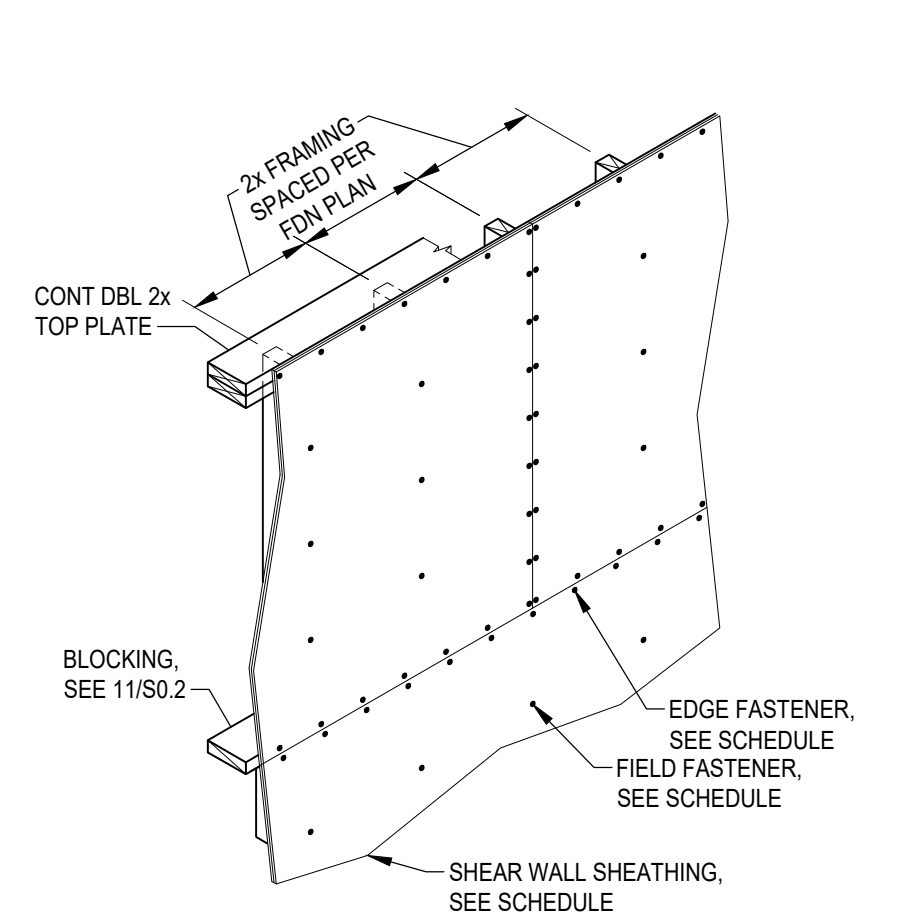
TYPICAL WALL AND OPENING CONSTRUCTION DETAIL

3
S-004



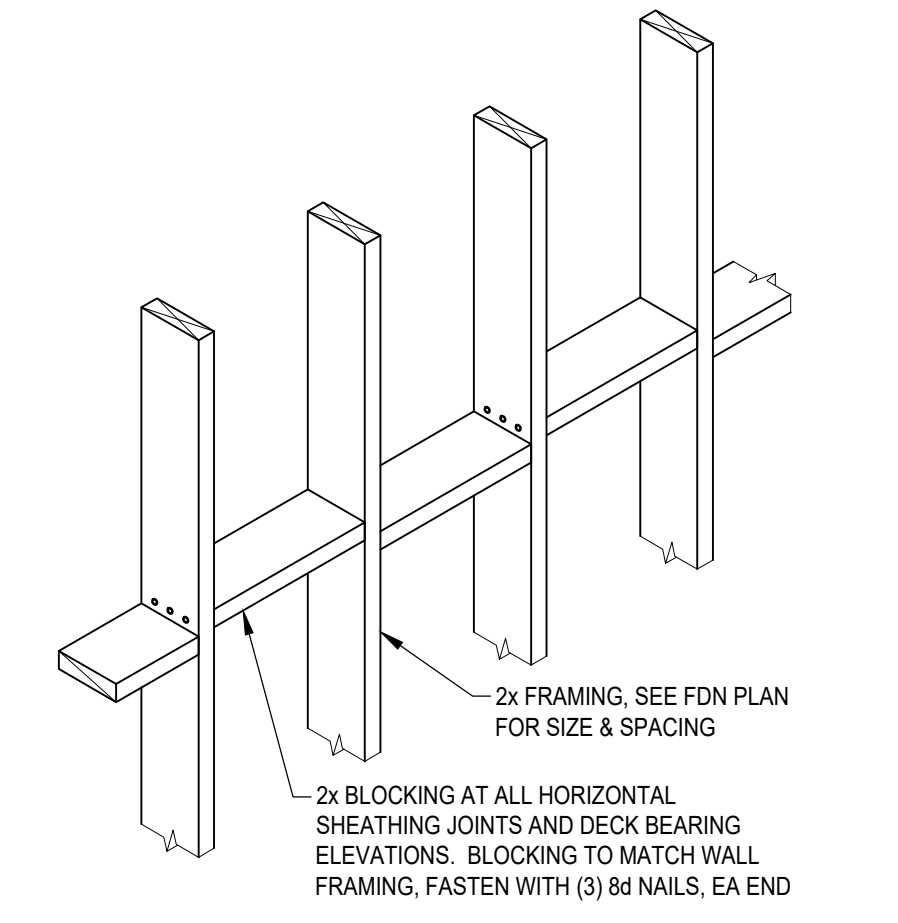
TYPICAL WOOD HEADER CONSTRUCTION DETAIL

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S-004



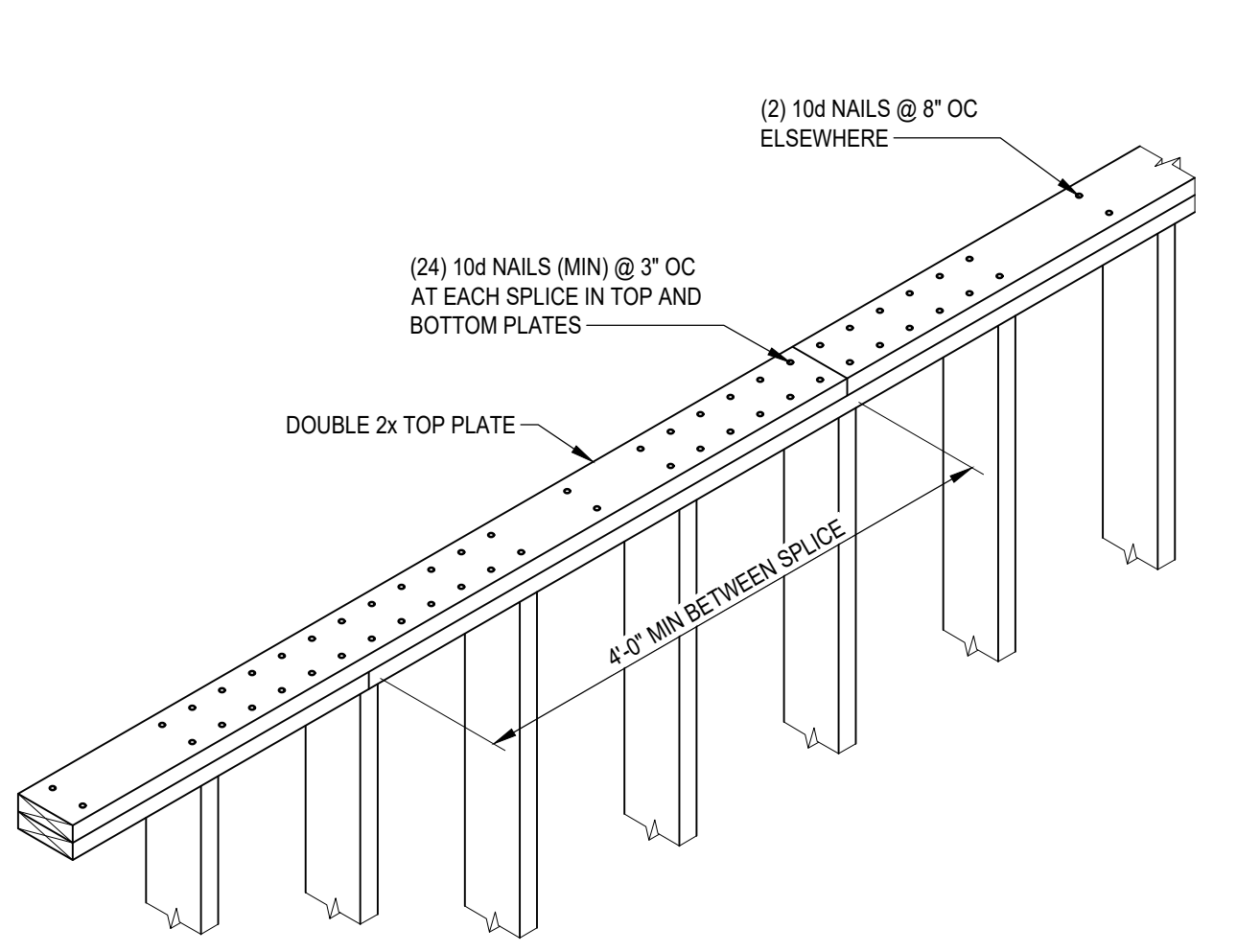
TYPICAL SHEAR WALL CONSTRUCTION DETAIL

5
S-004



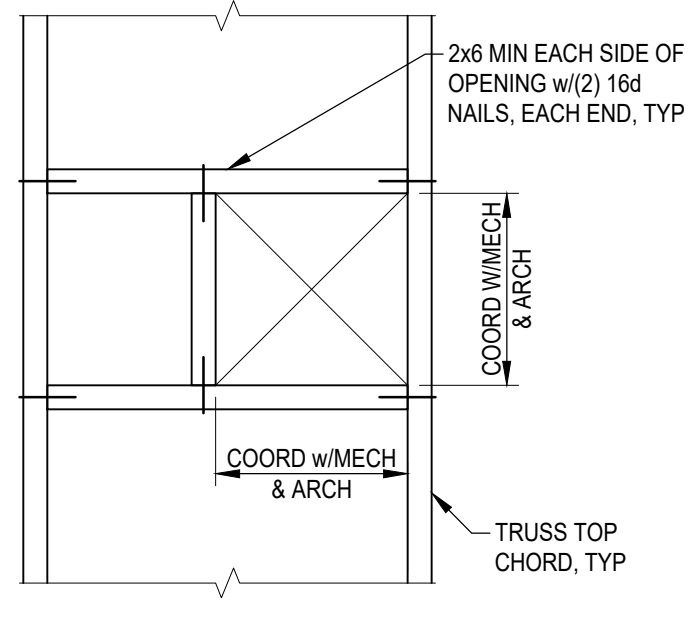
TYPICAL SHEAR WALL PANEL EDGE BLOCKING DETAIL

6
S-004



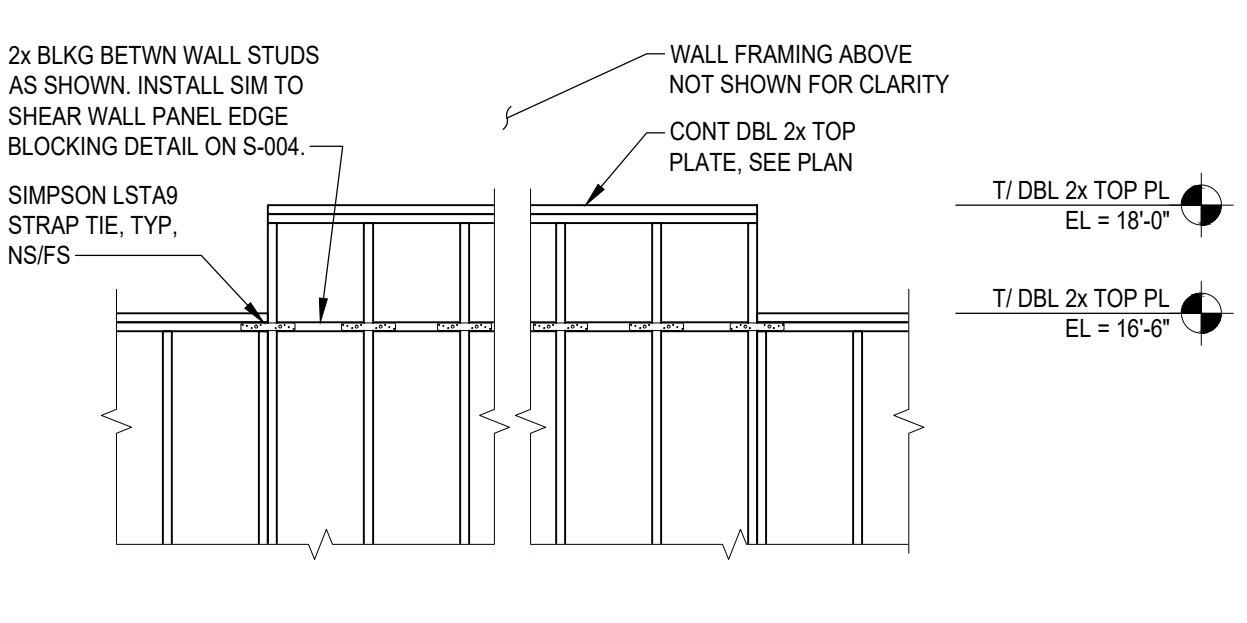
TYPICAL DOUBLE TOP PLATE SPLICE DETAIL

7
S-004



TYPICAL FRAMED OPENING DETAIL

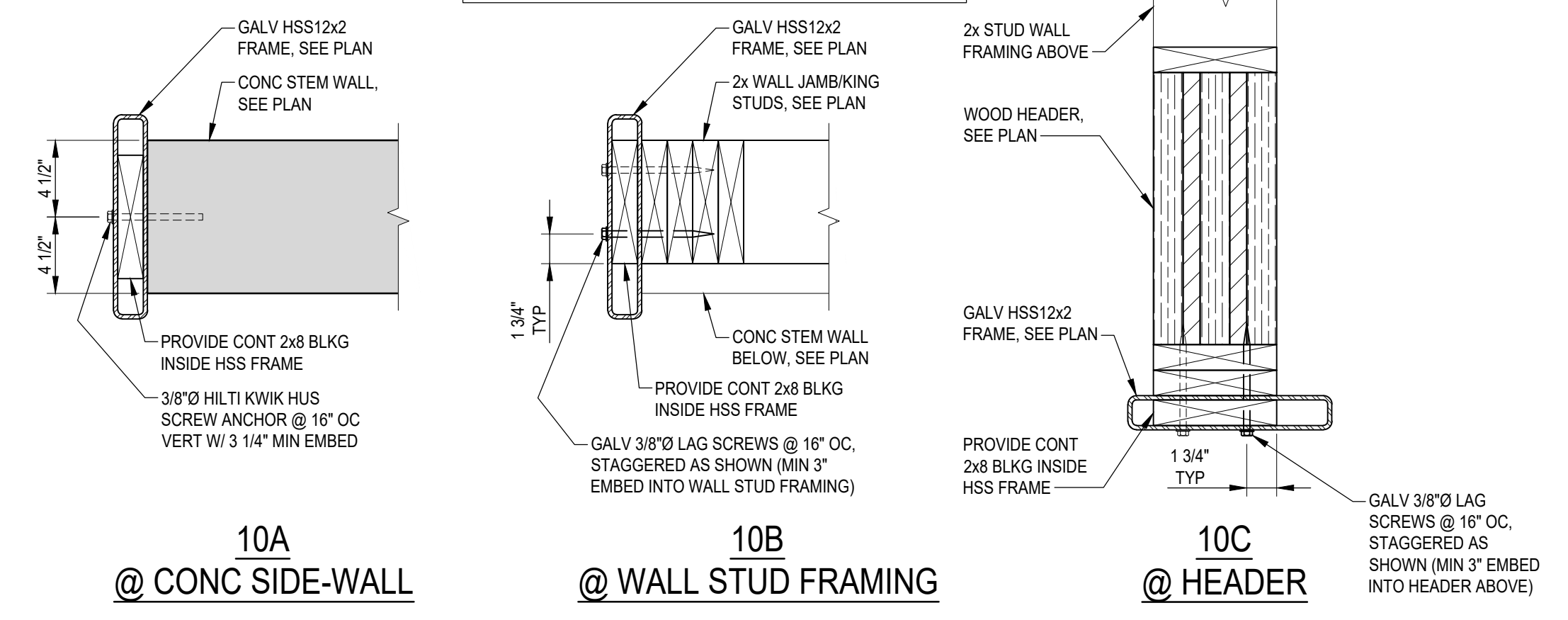
8
S-004



TYP CHANGE IN DBL 2x TOP PLATE ELEVATION

9
S-004

NOTE: SEE ARCH DWGS FOR WATERPROOFING REQUIREMENTS INCLUDING CAP PLATES, SEAL WELDS, WEEP HOLES, ETC.



TYP JAMB/HEADER FRAME ATTACHMENT

10
S-004



DOT-200023 ODOT - EATON OUTPOST

5656 US-127 Eaton, Ohio 45320

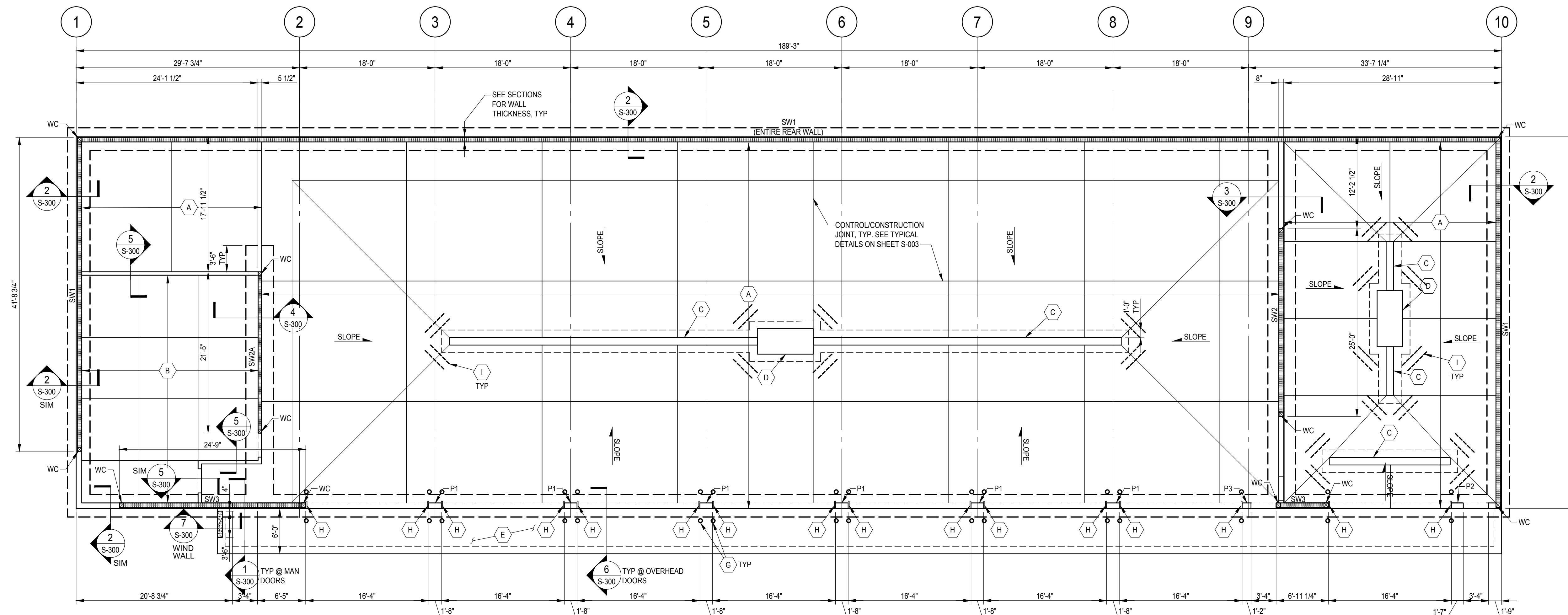
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-	12/10/21	BID SET
-	11/12/21	PERMIT SET

PROJECT NO: **DOT-200023**
DATE: **12/10/21**
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SHEET TITLE

FOUNDATION PLAN



FOUNDATION PLAN

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



FOUNDATION PLAN NOTES:

- SEE SHEETS S-001 & S-002 FOR STRUCTURAL GENERAL NOTES.
- SEE SHEET S-003 FOR TYPICAL FOUNDATION DETAILS.
- COORDINATE LOCATION AND SIZE OF PENETRATIONS AND OPENINGS WITH MECHANICAL AND SITE DRAWINGS.
- TOP OF CONCRETE WALL SHALL BE AT ELEVATION +4'-0" U.N.O., SEE SECTIONS FOR ADDITIONAL INFORMATION.
- TOP OF FOOTING ELEVATION SHALL BE AT ELEVATION -2'-8", U.N.O.
- PIER TYPES ARE INDICATED P-#. SEE THIS SHEET FOR PIER SCHEDULE.
- BOTTOM OF FOOTING DETAILS SHOWN ARE BASED UPON FOUNDATIONS BEARING ON MATERIALS AS LISTED IN FOUNDATION GENERAL NOTE NO. 2 ON SHEET S-001. BEARING ELEVATIONS HAVE BEEN ESTABLISHED FROM THE GRADING PLAN AND SOILS REPORT. FOUNDATION BEARING SURFACES MUST BE INSPECTED AND APPROVED IN ACCORDANCE WITH FOUNDATION GENERAL NOTE NO. 4 ON SHEET S-001 AND BOTTOM OF FOOTING ELEVATIONS ADJUSTED ACCORDINGLY.
- CONCRETE PIERS AND WALLS SHALL BE CENTERED ON FOOTING, U.N.O.
- ALL EXTERIOR WALL FRAMING TO BE 2x8 WOOD STUDS @ 16" O.C. ALL EXTERIOR WALLS SHALL BE SHEATHED PER SHEAR WALL TYPE SW1, TYP UNO.
- ALL PERIMETER BUILDING DIMENSIONS ARE MEASURED TO THE OUTSIDE FACE OF THE CONCRETE FOUNDATION WALL. SEE ARCHITECTURAL DRAWINGS FOR ALL MEASUREMENTS NOT SHOWN. ALL DIMENSIONS SHALL CONFORM TO THE ARCHITECTURAL DRAWINGS.
- TOP/FINISHED SLAB-ON-GRADE SHALL BE AT ELEVATION 0'-0" (REF), TYP., U.N.O. SEE ARCHITECTURAL DRAWINGS FOR SLOPES TO DRAIN.
- CONTRACTOR SHALL COORDINATE SLAB FINISHES WITH ARCHITECTURAL AND SITE DRAWINGS.
- FOR SLAB-ON-GRADE CONSTRUCTION AND CONTROL JOINT SPACING CRITERIA AND DETAILS, SEE TYPICAL DETAIL ON SHEET S-003
- CONTRACTOR SHALL EXERCISE EXTREME CAUTION SO AS NOT TO UNDERMINE, DISTURB, DAMAGE OR, IN ANY WAY, CAUSE UNDESIRABLE MOVEMENT, CRACKING, AND/OR SETTLEMENT OF THE ADJACENT EXISTING CONSTRUCTION.
- WC DENOTES BOUNDARY END POST PER SHEAR WALL SCHEDULE.
- SW# DENOTES SHEAR WALL. SW## DENOTES TYPE SHEATHING/PLYWOOD TO BE CONSTRUCTED ON EXTERIOR OF BUILDING, UNO. SEE SCHEDULE AND GENERAL NOTES FOR ADDITIONAL INFORMATION.

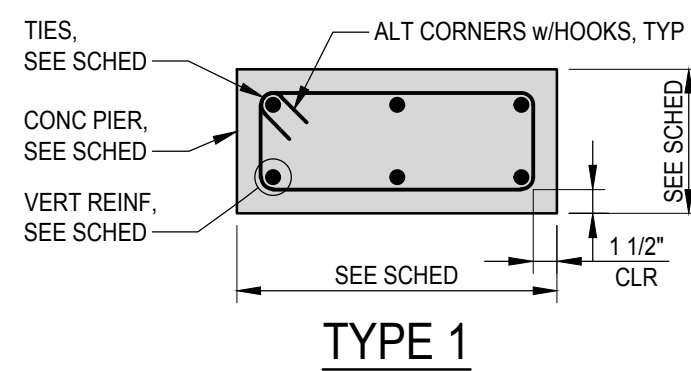
FOUNDATION PLAN CODED NOTES:

- 8" THICK INTERIOR CONCRETE SLAB ON GRADE W/ #4 EPOXY COATED REINFORCING @ 16" O.C. EACH WAY, OVER A 10 MIL VAPOR RETARDER, OVER 6" ODOT 304, OVER PREPARED SUBGRADE, TYP. (UNO), CONCRETE SHALL HAVE A STEEL TROWEL FINISH.
- 4" THICK CONCRETE SLAB ON GRADE W/ 6x6-W2.9xW2.9 EPOXY COATED WELDED WIRE FABRIC CENTERED WITHIN SLAB, OVER A 10 MIL VAPOR RETARDER, OVER 6" ODOT 304, OVER PREPARED SUBGRADE. CONCRETE SHALL HAVE A STEEL TROWEL FINISH.
- CONCRETE TRENCH DRAIN, SEE TYPICAL DETAIL
- SEE PLUMBING DRAWINGS FOR DRAIN SIZE
- CONCRETE APRON. PROVIDE BROOM FINISH. THICKNESS & REINFORCING TO MATCH CODED NOTE 'A'.
- BRINE SYSTEM EQUIPMENT PAD. SEE TYPICAL EXTERIOR SECTIONS.
- DENOTES BOLLARD. SEE ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
- DENOTES HSS12x2x3/16 (GALV) JAMB/HEADER FRAME FASTENED TO ADJACENT CONCRETE WAINSCOT, WOOD WALL STUDS, AND THE UNDERSIDE OF THE HEADER AT OVERHEAD DOORS. SEE TYPICAL JAMB/HEADER FRAME ATTACHMENT DETAILS ON SHEET S-004.
- RE-ENTRANT CORNER SLAB REINFORCING PER TYP DETAIL.

SHEAR WALL SCHEDULE

MARK	SHEAR WALL SYSTEM			FASTENERS			FRAMING		HOLD DOWN SYSTEM			REMARKS
	SHEATHING TYPE	SHEATHING APPLICATION		NAIL SIZE	SPACING AT EDGES	SPACING IN FIELD	STUD THICKNESS AT PANEL JOINTS	NOMINAL SILL THICKNESS	ANCHOR TYPE (BY SIMPSON STRONGTIE)	ANCHOR DIAMETER	MIN ANCHOR EMBEDMENT	
SW1	5/8" GYPSUM BOARD, SEE ARCH	OUTSIDE FACE ONLY	6d COOLER OR WALLBOARD NAILS	7" OC	12" OC	2X	2X	HDU5 - SDS2.5	5/8"	12"	(2) 2x8	
SW2 / SW2A	19/32" APA RATED SHEATHING	FACE ADJACENT TO TRUCK STORAGE	10d	4" OC	12" OC	2X	2X	HDU8 - SDS2.5	7/8"	18"	(3) 2x8 @ SW2 (4) 2x6 @ SW2A	PROVIDE 1/2" SILL PL ANCHORS @ 24" OC MAX (0'-8" EMBED)
SW3	19/32" APA RATED SHEATHING	OUTSIDE FACE ONLY	10d	4" OC	12" OC	2X	2X	HDU8 - SDS2.5	7/8"	18"	(3) 2x8	PROVIDE 1/2" SILL PL ANCHORS @ 24" OC MAX (0'-8" EMBED)

NOTE:
1. BOUNDARY END POST MEMBERS SHALL BE NAILED TOGETHER PER THE BUILT-UP COLUMN REQUIREMENTS SHOWN IN THE TYPICAL DETAILS.
2. ANCHOR ROD OR ADHESIVE DOWEL FOR HOLD DOWN SHALL BE ASTM F1554, GRADE 36 MATERIAL. DIAMETER SHALL BE AS REQUIRED BY HOLD-DOWN MANUF. SEE SHEAR WALL SCHEDULE FOR EMBEDMENT LENGTH.
3. ALL FOUNDATION ANCHOR BOLTS @ SHEAR WALL LOCATIONS SHALL HAVE A STEEL PLATE WASHER NOT LESS THAN 0.229" x 3" x 3" IN SIZE.



TYPE 1

PIER SCHEDULE

MARK	SIZE		REINFORCING		TYPE
	"L"	"W"	VERT.	TIES	
P1	1'-8"	9"	(6) #6	#3 @ 12" O.C.	1
P2	1'-7"	9"	(6) #6	#3 @ 12" O.C.	1
P3	1'-2"	9"	(4) #6	#3 @ 12" O.C.	1 SIM.



DOT-200023
ODOT - EATON
OUTPOST

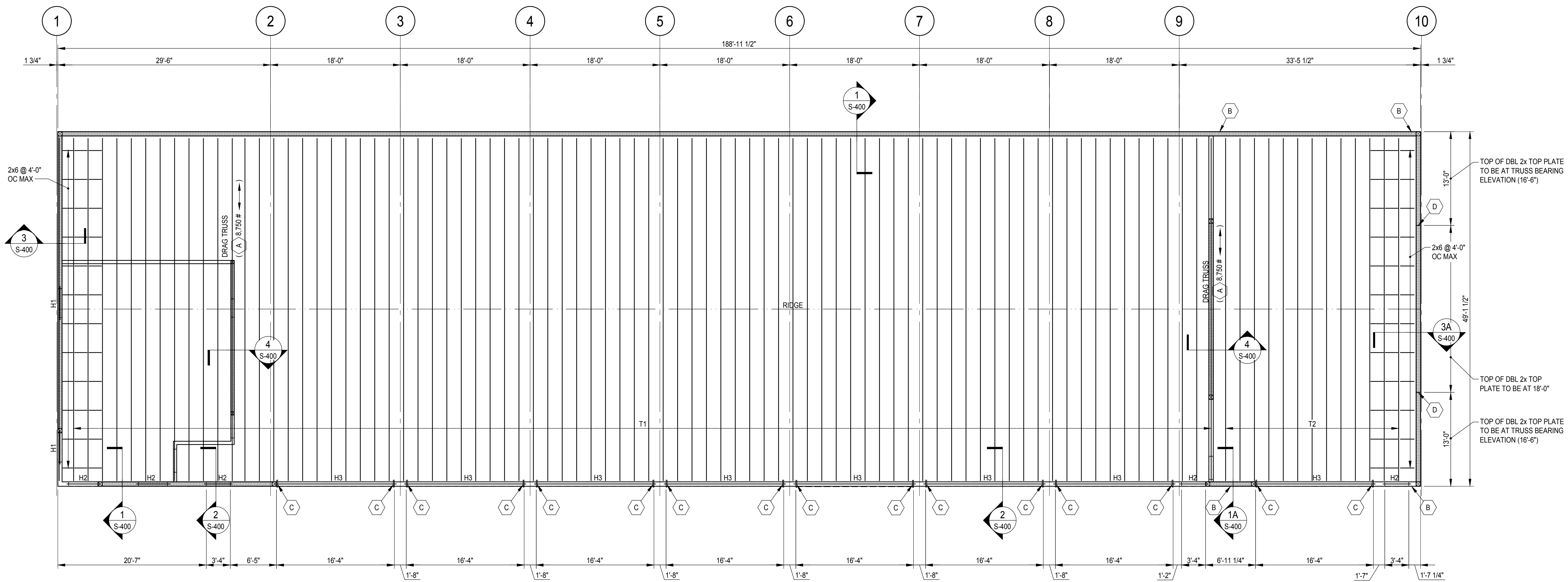
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SHEET TITLE

ROOF FRAMING PLAN



ROOF FRAMING PLAN

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



ROOF FRAMING PLAN NOTES:

- SEE SHEETS S-001 & S-002 FOR STRUCTURAL GENERAL NOTES.
- SEE SHEET S-004 FOR TYPICAL FRAMING DETAILS.
- ALL PERIMETER BUILDING DIMENSIONS ARE MEASURED TO THE OUTSIDE FACE OF STUD WALL. SEE ARCHITECTURAL DRAWINGS FOR ALL MEASUREMENTS NOT SHOWN. ALL DIMENSIONS SHALL CONFORM TO THE ARCHITECTURAL DRAWINGS.
- COORDINATE LOCATION AND SIZE OF ALL ROOF PENETRATIONS AND OPENINGS WITH ARCHITECTURAL, MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS.
- SEE ARCHITECTURAL AND MECHANICAL SHEETS FOR EQUIPMENT WEIGHT AND LOCATIONS NOT INDICATED.
- TRUSS BEARING AT ELEVATION 16'-6", U.N.O.
- TYPICAL ROOF CONSTRUCTION: WOOD SHEATHING ON PRE-ENGINEERED WOOD TRUSSES AT 24" O.C. SEE ARCHITECTURAL DRAWINGS FOR ROOF SLOPE.
- ONLY TRUSSES ARE SHOWN. PERMANENT BRACING FOR TRUSSES NOT SHOWN BUT REQUIRED PER TRUSS DESIGNER SPECIFICATIONS.
- H# INDICATES HEADER/BEAM, SEE SCHEDULE FOR ADDITIONAL INFORMATION.
- SW DENOTES SHEAR WALL. REFERENCE FOUNDATION PLAN. SEE SCHEDULE AND GENERAL NOTES FOR ADDITIONAL INFORMATION.
- T# INDICATES TRUSS TYPE PER TRUSS DIAGRAMS THIS SHEET.

ROOF FRAMING PLAN CODED NOTES: ○

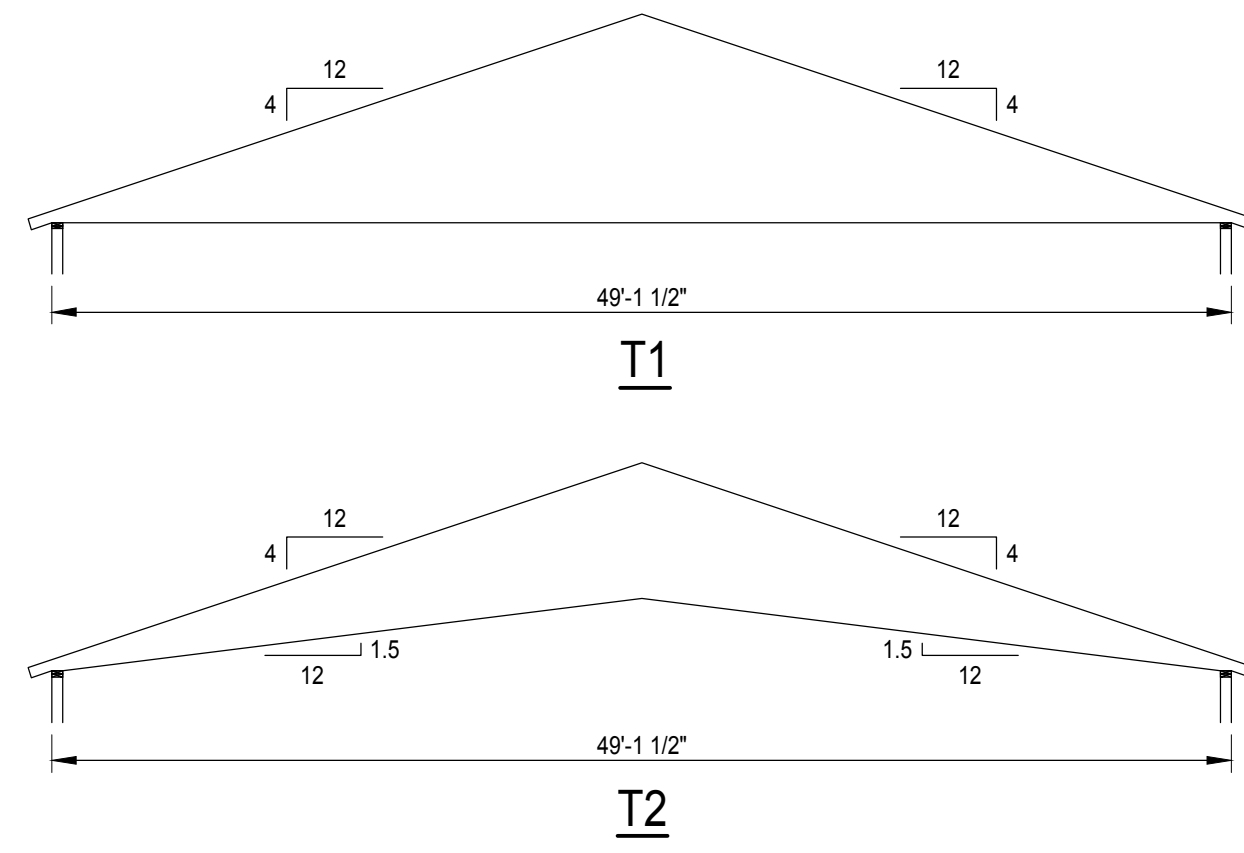
- ASD SERVICE LEVEL WIND DRAG FORCE TO BE TRANSFERRED THROUGH TRUSS TO BOTTOM CHORD CONNECTION AT SHEAR WALL.
- G.C. TO COORDINATE THE INSTALLATION OF BLOCKING WITHIN WALLS AS REQUIRED FOR INSTALLATION OF HOSE TROLLEY SYSTEM PER MANUFACTURER'S REQUIREMENTS. COORD LOCATION W/ ARCH DWGS.
- DENOTES HSS 12x2x3/16 (GALV) JAMB/HEADER FRAME FASTENED TO ADJACENT CONCRETE WAIRSCOT, WOOD WALL STUDS, AND THE UNDERSIDE OF THE HEADER AT OVERHEAD DOORS. SEE TYPICAL JAMB/HEADER FRAME ATTACHMENT DETAIL ON SHEET S-004.
- SEE TYPICAL CHANGE IN DOUBLE 2x TOP PLATE ELEVATION DETAIL ON SHEET S-004.

HEADER SCHEDULE			
MARK	MEMBER SIZE	STUDS AT EACH SIDE OF OPENING	REMARKS
H1	(3) 2x8	2/J2K	
H2	(3) 2x10	2/J2K	
H3	(3) 1 3/4" x 16" LVL	3/J3K	

- NOTES:
- PROVIDE WOOD HEADERS OVER ALL OPENINGS IN LOAD BEARING WALLS. IF NO HEADER IS SPECIFIED, PROVIDE H2 AT WALLS SUPPORTING TRUSSES AND H1 AT OTHER WALLS.
 - AT TRIPLE 2x HEADER/BEAMS, PROVIDE PLYWOOD FILLERS BETWEEN MEMBERS.
 - NAIL ALL MULTI-MEMBER HEADERS AND BEAMS TOGETHER AS SHOWN IN THE TYPICAL DETAILS.
 - STUDS AT EACH END OF HEADER/BEAM ARE AS NOTED ABOVE, UNLESS NOTED OTHERWISE.
J = JACK STUD = BEARING STUD
K = KING STUD = FULL HEIGHT STUD
 - WHERE HEADERS FRAME INTO PERPENDICULAR WALLS PROVIDE (4) STUDS IN ADJACENT WALL. ATTACH HEADER TO STUD PACK WITH SIMPSON HUC210-2 HANGER.

WOOD DIAPHRAGM SHEATHING SCHEDULE (1,2)											
LEVEL	PANEL GRADE	MIN. NOMINAL WIDTH OF FRAMING MEMBERS AT ADJOINING PANEL EDGES AND BOUNDARIES	MINIMUM PANEL THICKNESS	SPAN INDEX RATIO	SHEATHING GRADE CLASSIFICATION	COMMON NAIL SIZE (3)	MINIMUM FASTENER PENETRATION	NAIL SPACING			REMARKS
								DIAPHRAGM BOUNDARIES	FIELD	AT OTHER EDGES	
ROOF	5-PLY SHEATHING	2x MIN	19/32"	40/20	C-D EXPOSURE 1	10d (0.148"x3")	1 1/2"	6"	12"	6"	UNBLOCKED

- NOTES:
- NAILS SHALL BE LOCATED AT LEAST 3/8" FROM THE EDGES OF PANEL.
 - PROVIDE 1/8" EDGE AND END JOINT BETWEEN PANELS UNLESS NOTED OTHERWISE.
 - REFER TO NOTE 10 OF THE WOOD GENERAL NOTES SECTION ON S-001 FOR ADDITIONAL INFORMATION REGARDING FASTENING OF ROOF SHEATHING.



TRUSS DIAGRAMS

SCALE: NTS



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-	12/10/21	BID SET
-	11/12/21	PERMIT SET

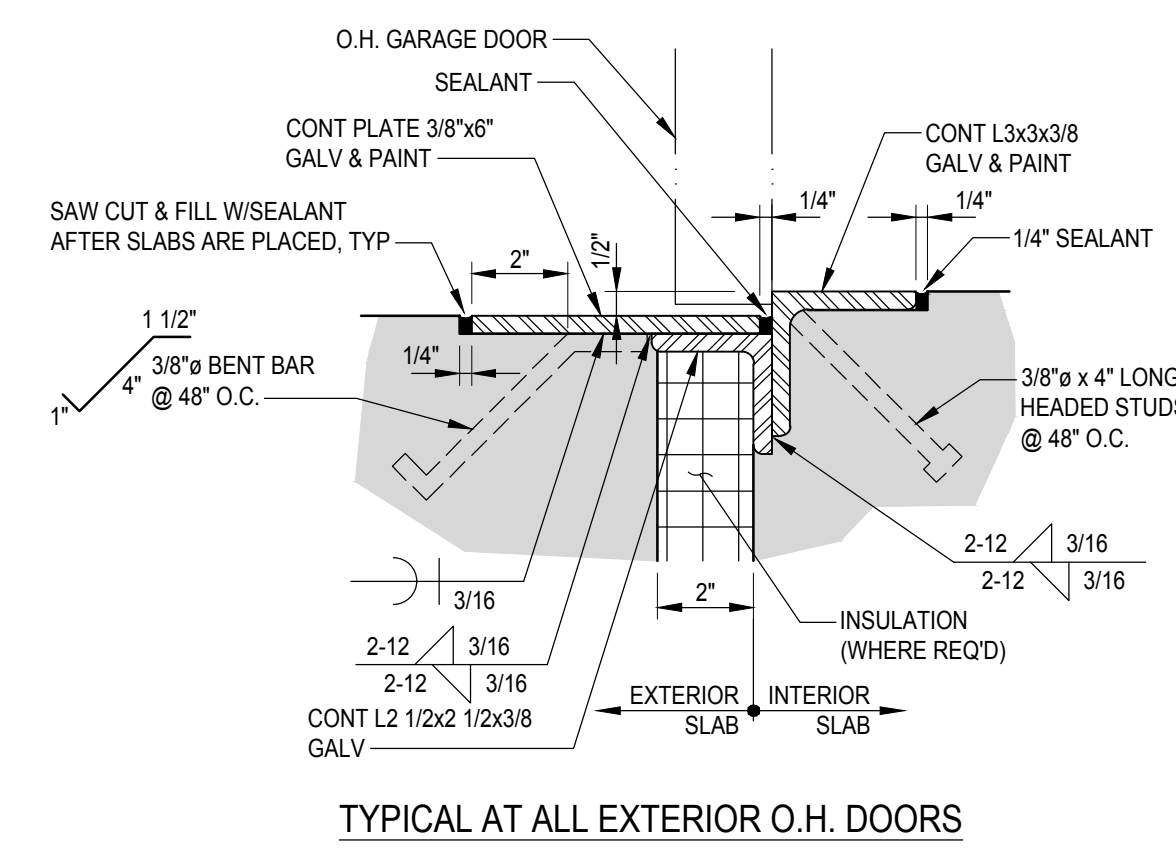
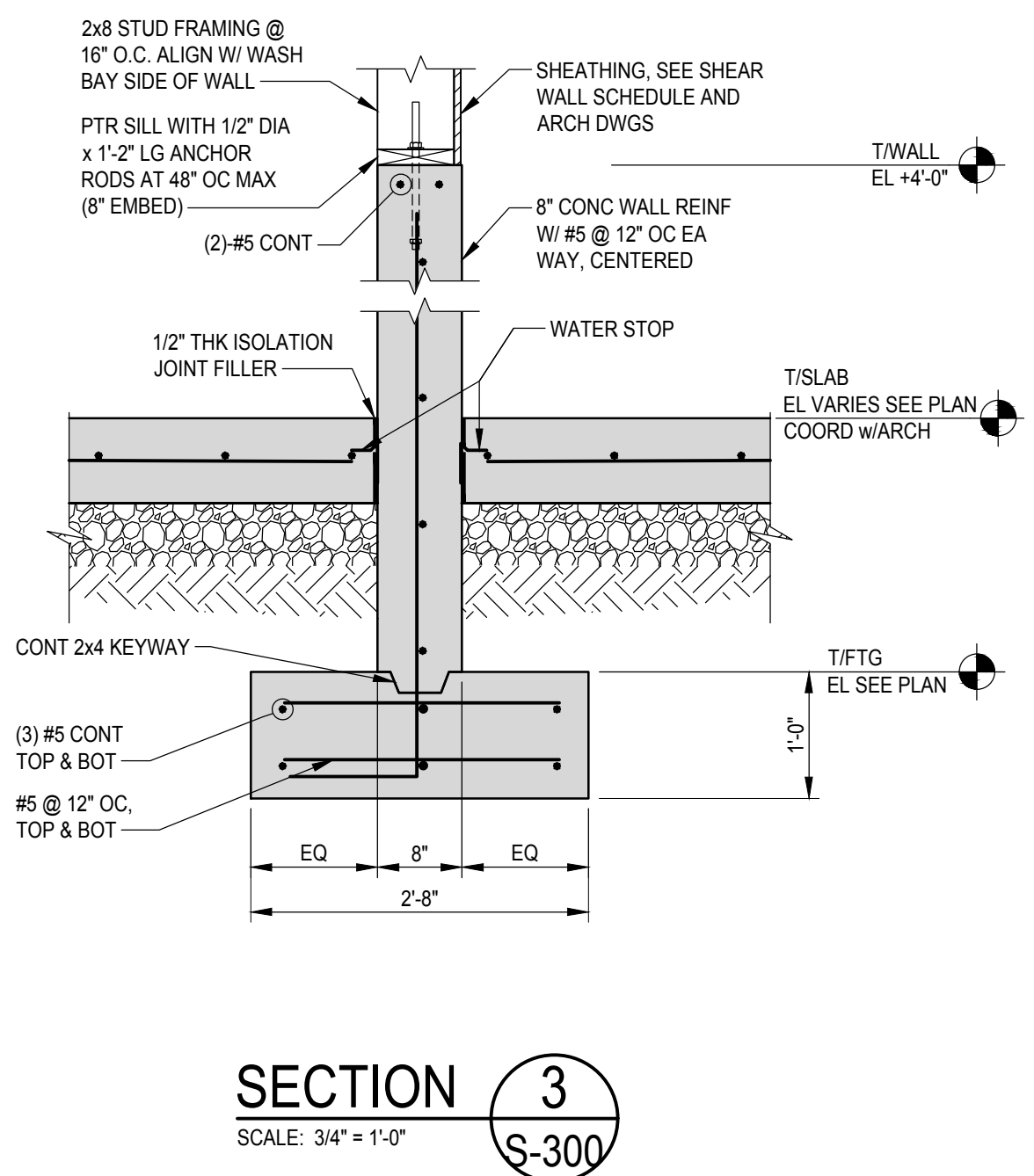
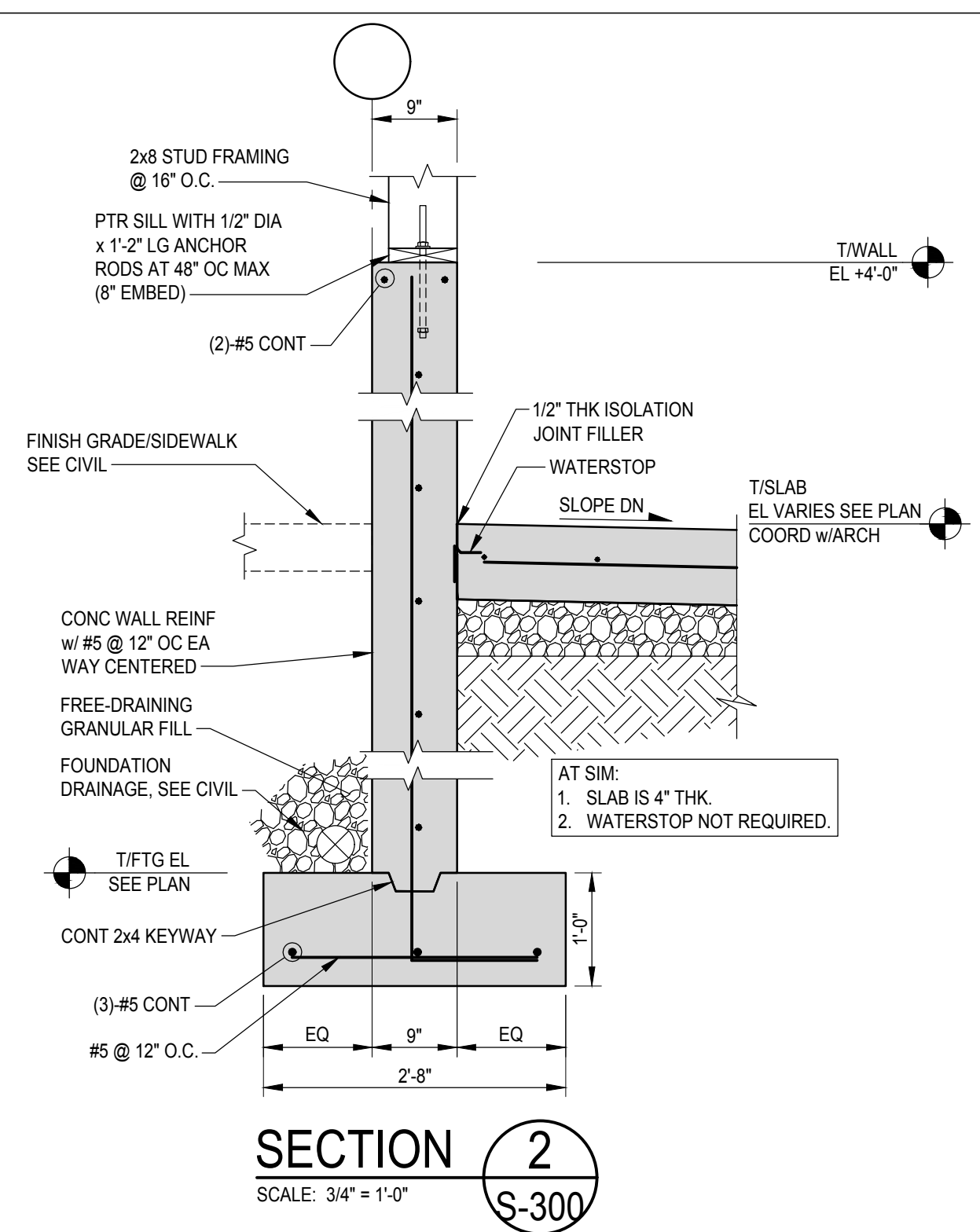
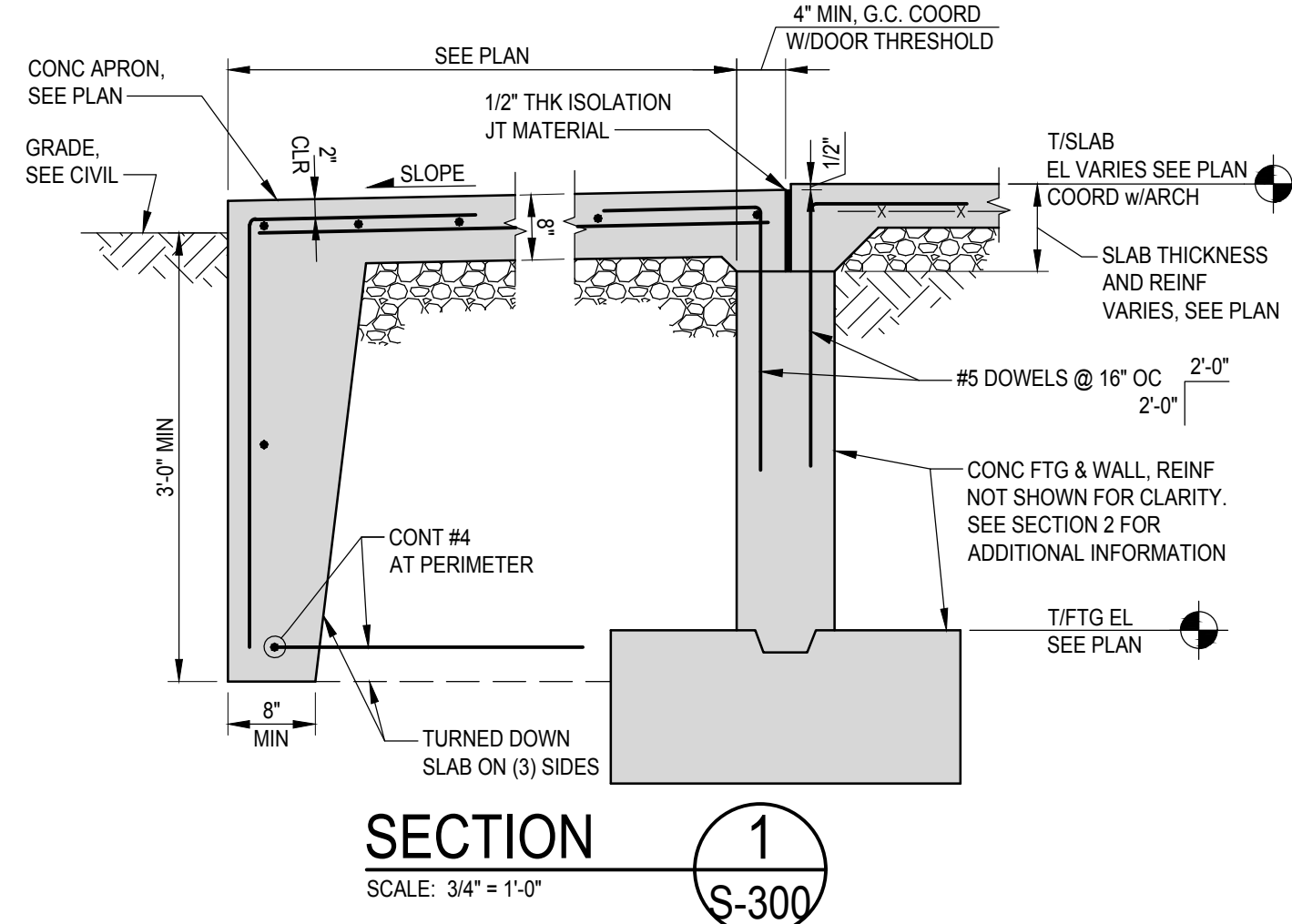
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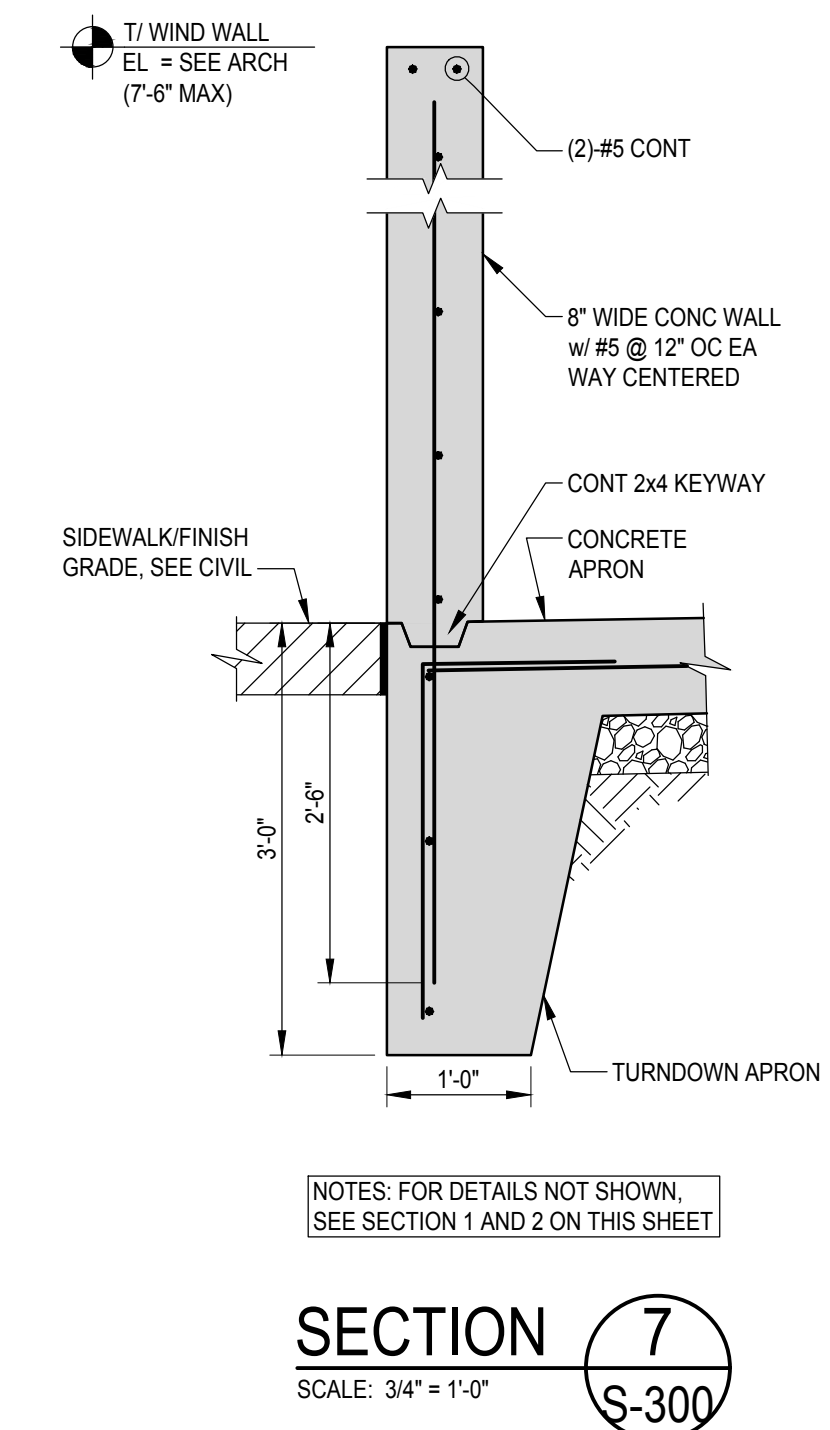
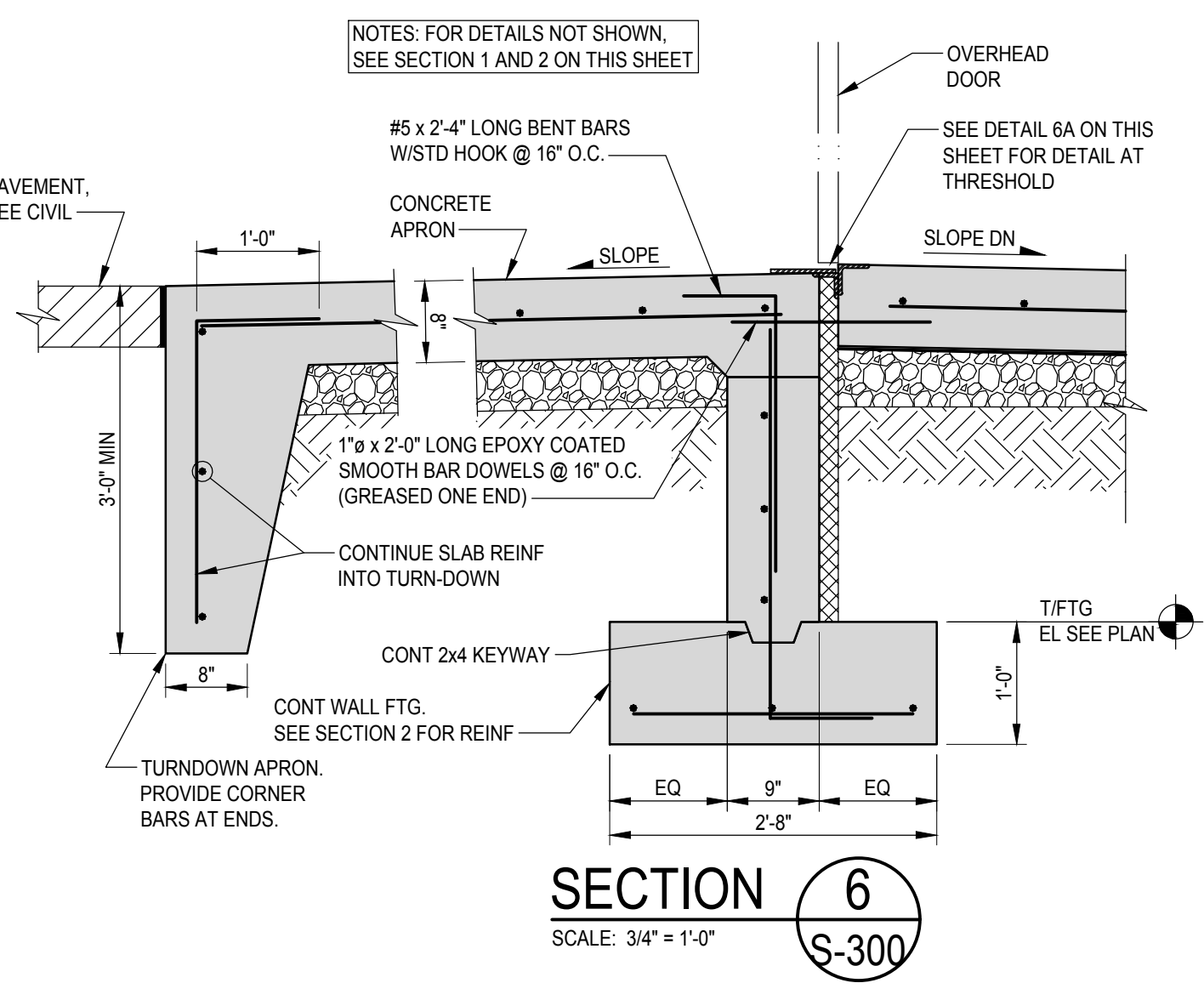
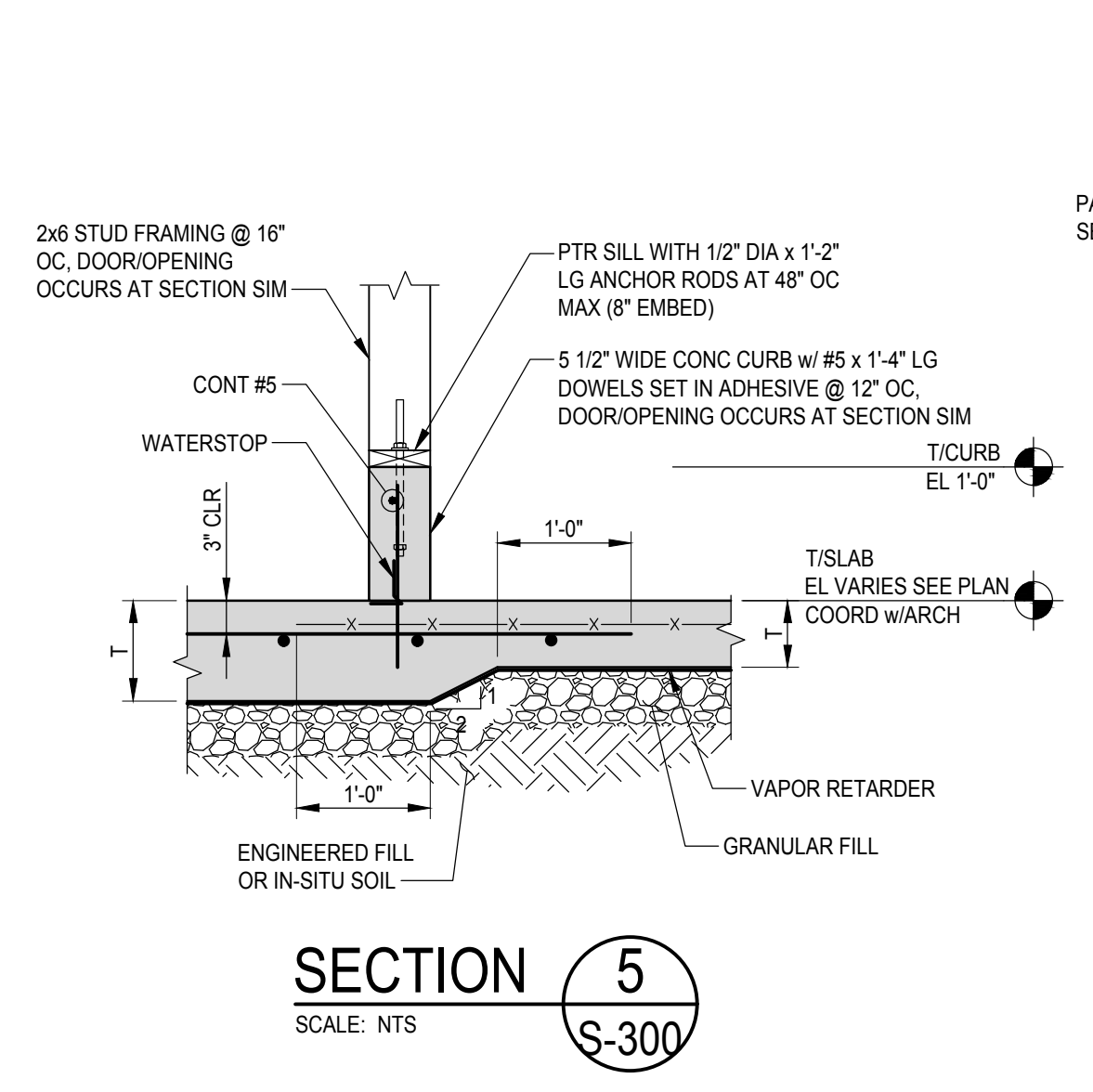
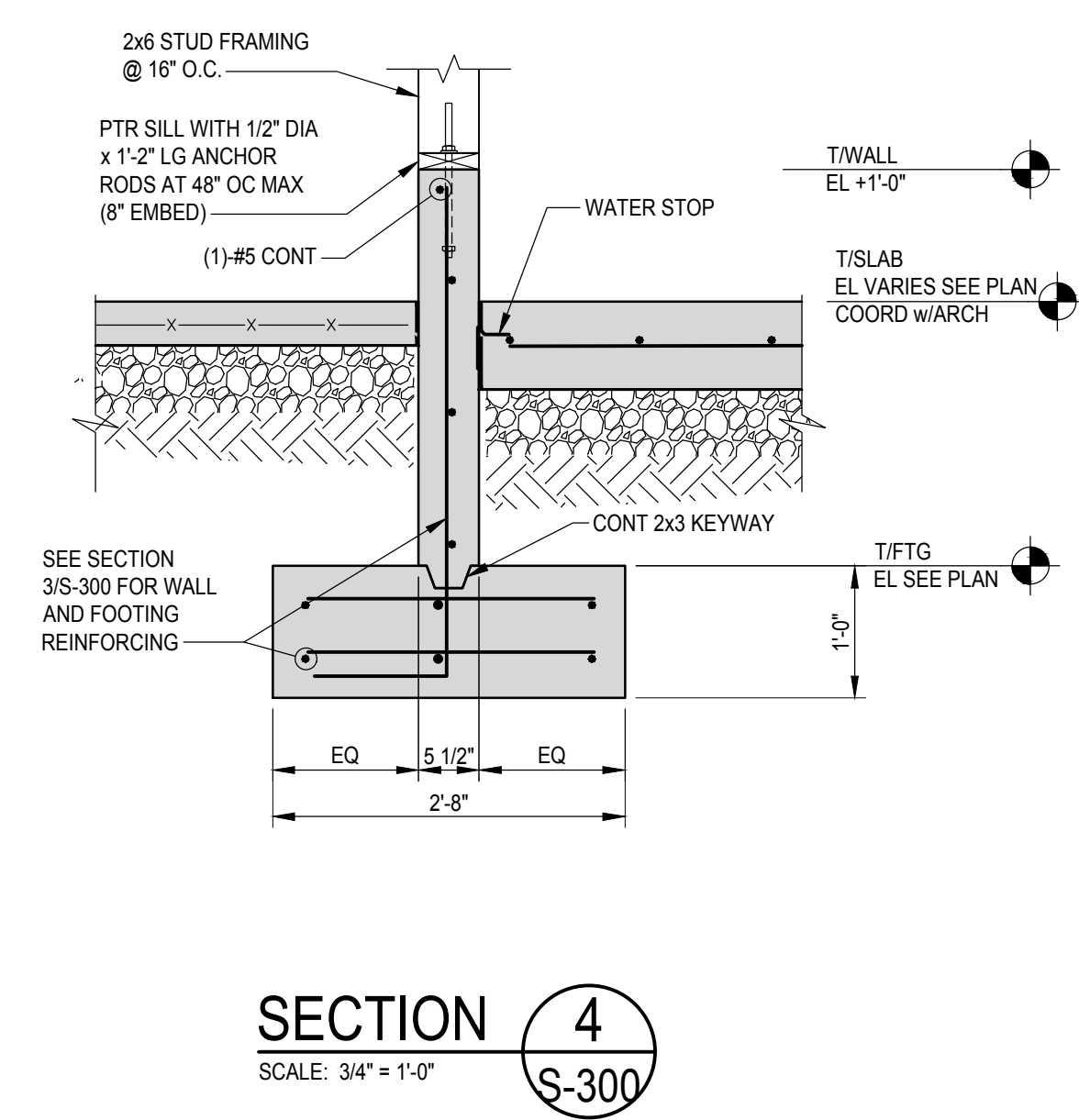
SHEET TITLE

FOUNDATION SECTIONS

S-300



TYPICAL THRESHOLD DETAIL 6A
 SCALE: NTS





DOT-200023
ODOT - EATON
OUTPOST

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MARK	DATE	DESCRIPTION
1	12/17/21	REVISION 1 PERMIT / BID SET
-	12/10/21	BID SET
-	11/12/21	PERMIT SET

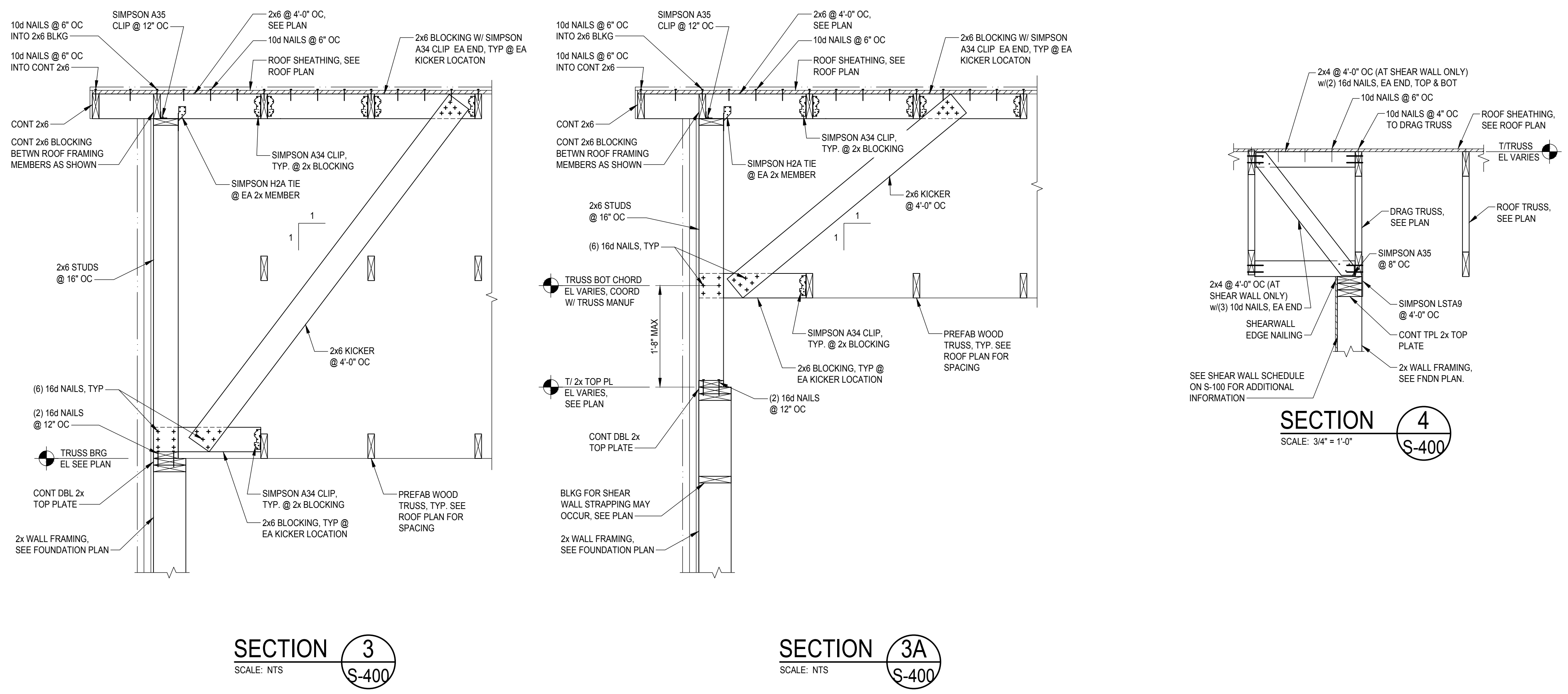
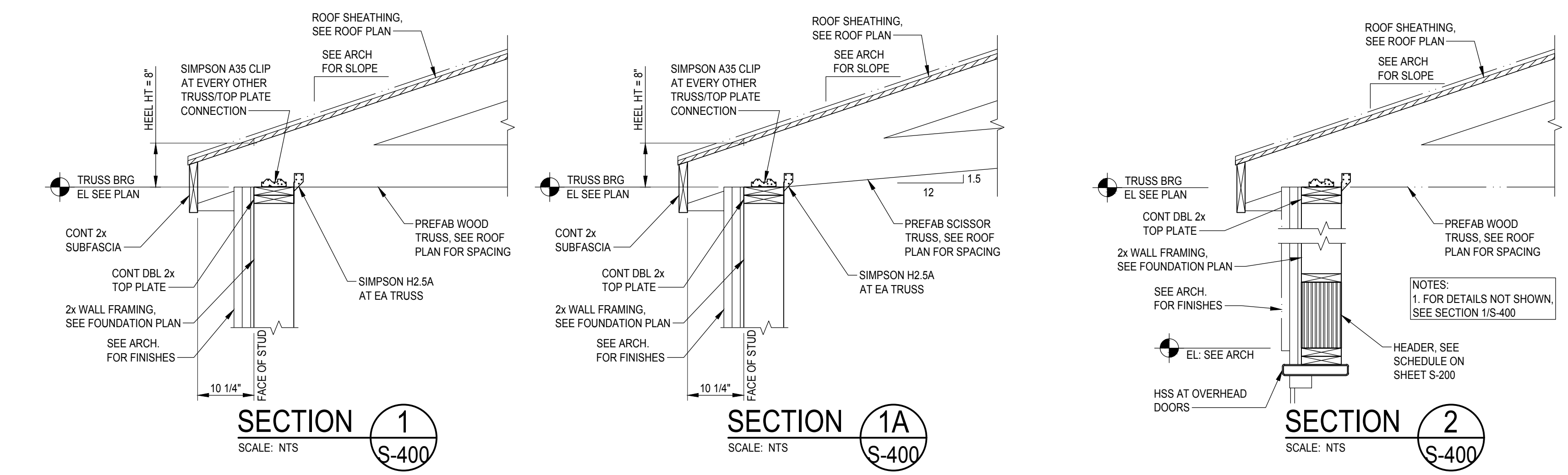
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SHEET TITLE

FRAMING SECTIONS

S-400

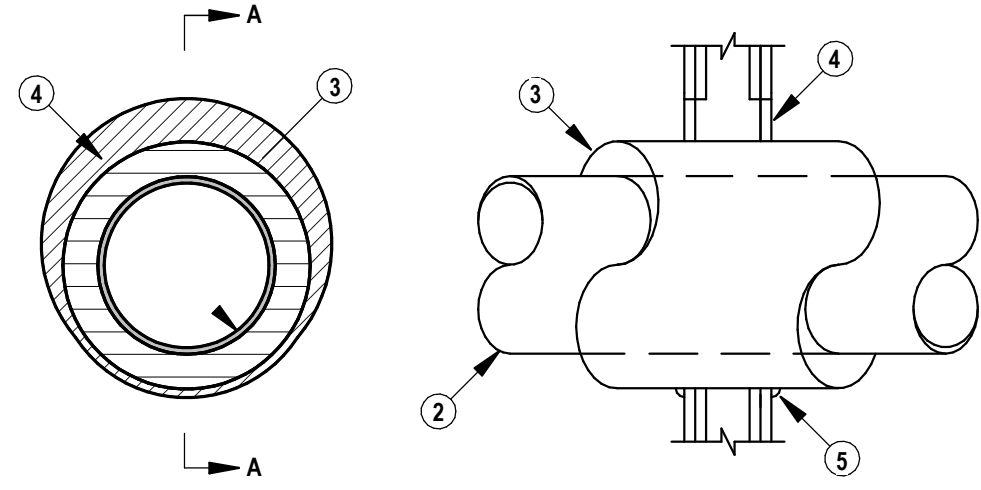


FIRESTOP FOR METAL PIPE

1

System No. W-L-5029

F Ratings - 1, 2 and 3 Hr (See Items 1, 3 and 4)
T Ratings - 0, 1/2, 1 and 1-1/4 Hr (See Item 3)
L Rating At Ambient - 4 CFM/Sq Ft
L Rating At 400 F - Less Than 1 CFM/Sq Ft



1. Wall Assembly - The 1, 2 or 3 hr fire-rated gypsum board/stud wall as SECTION A-A shall be constructed of the materials and in the manner specified in the individual U300, U400, V400 or W400 Series Wall and Partition Designs in the UL Fire Resistance Directory and shall include the following construction features:

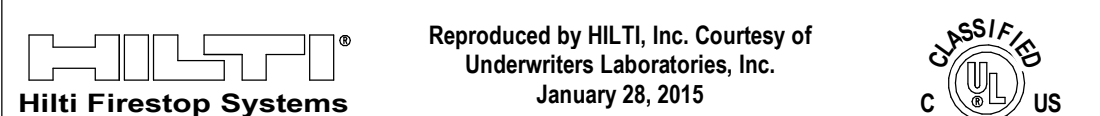
- A. Studs - Wall framing may consist of either wood studs or steel channel studs. Wood studs to consist of nom 2 by 4 in. (51 by 102 mm) lumber spaced 16 in. (406 mm) OC. Steel studs to be min 2-1/2 in. (64 mm) wide for 1 and 2 hr F and FH ratings and 3-1/2 in. (89 mm) wide for 3 hr F and FH rating and spaced max 24 in. (610 mm) OC.
- B. Gypsum Board* - Min 5/8 in. (16 mm) thick with square or tapered edges. The gypsum board type, thickness, number of layers, fastener type and sheet orientation shall be as specified in the individual Wall and Partition Design. Max diam of opening is 18-5/8 in. (473 mm). The hourly F and FH Ratings of the firestop system are equal to the hourly fire rating of the wall assembly in which it is installed.
- 2. Through Penetrants - One metallic pipe or tubing to be installed within the firestop system. Pipe or tubing to be rigidly supported on both sides of wall assembly. The following types and sizes of metallic pipes or tubing may be used:
 - A. Steel Pipe - Nom 12 in. (305 mm) diam (or smaller) Schedule 10 (or heavier) steel pipe.
 - B. Iron Pipe - Nom 12 in. (305 mm) diam (or smaller) cast or ductile iron pipe.
 - C. Copper Tubing - Nom 6 in. (152 mm) diam (or smaller) Type L (or heavier) copper tubing. When the hourly F or FH Rating of the firestop system is 3 hr, the nom diam of copper tube shall not exceed 4 in. (102 mm).
 - D. Copper Pipe - Nom 6 in. (152 mm) diam (or smaller) Regular (or heavier) copper pipe. When the hourly F or FH Rating of the firestop system is 3 hr, the nom diam of copper pipe shall not exceed 4 in. (102 mm).
- 3. Pipe Covering* - Nom 1, 1-1/2 or 2 in. (25, 38 or 51 mm) thick hollow cylindrical heavy density (min 3.5 pcf or 56 kg/m³) glass fiber units jacketed on the outside with an all-service jacket. Longitudinal joints sealed with metal fasteners or factory-applied self-sealing lap tape. Transverse joints secured with metal fasteners or with butt tape supplied with the product. For 1 and 2 hr F and FH Ratings, the annular space between insulated penetrant and periphery of opening shall be min 0 in. (point contact) to max 1-7/8 in. (48 mm). For 3 hr F and FH Ratings, the annular space shall be min 0 in. (point contact) to max 1-1/4 in. (32 mm).

See Pipe and Equipment Covering - Materials (BRGU) category in the Building Materials Directory for the names of manufacturers. Any pipe covering material meeting the above specifications and bearing the UL Classification Marking with a Flame Spread Index of 25 or less and a Smoke Developed Index of 50 or less may be used. The hourly T, FT, FTH Ratings of the firestop system are 1/2 hr for 1 hr rated walls and 1 hr for 2 hr rated walls. For 3 hr rated walls, the hourly T, FT and FTH Ratings when steel and iron pipes are used are 1 hr. For 3 hr rated walls, the hourly T, FT and FTH Ratings when copper penetrants are used are 1-1/4 hr for 2 in. (51 mm) thick pipe covering and 0 hr for pipe covering thickness less than 2 in. (51 mm).

3A. Pipe Covering* - (Not Shown) - As an alternate to Item 3, max 2 in. (51 mm) thick cylindrical calcium silicate (min 14 pcf) units sized to the outside diam of the pipe or tube may be used. Pipe insulation secured with stainless steel bands or min 18 AWG stainless steel wire spaced max 12 in. (305 mm) OC. When the alternate pipe covering is used, the T and FT Rating shall be as specified in Item 3 above.

See Pipe and Equipment Covering - Materials (BRGU) category in the Building Materials Directory for names of manufacturers. Any pipe covering material meeting the above specifications and bearing the UL Classification Marking with a Flame Spread Index of 25 or less and a Smoke Developed Index of 50 or less may be used.

4. Fill, Void or Cavity Material* - Sealant - For 1 and 2 hr F and FH Rating, min 5/8 in. (16 mm) thickness of fill material applied within the annulus, flush with both surfaces of wall. For 3 hr F and FH Rating, min 1 in. (25 mm) thickness of fill material applied within the annulus, flush with both surfaces of wall. At the point contact location between pipe covering and gypsum board, a min 1/2 in. (13 mm) diam bead of fill material shall be applied at the pipe covering/gypsum board interface on both surfaces of wall. HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC. - FS-One Sealant or FS-ONE MAX Intumescent Sealant* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.



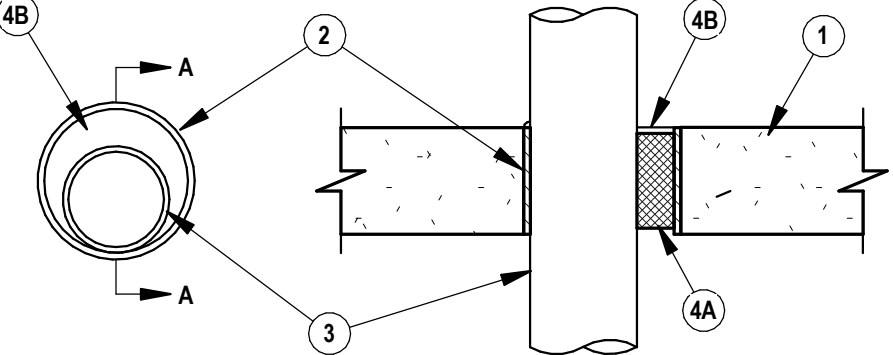
NOTE: REFER TO SPECIFICATIONS FOR LIST OF APPROVED MANUFACTURERS

FIRESTOP FOR METAL PIPE OR CONDUIT

2

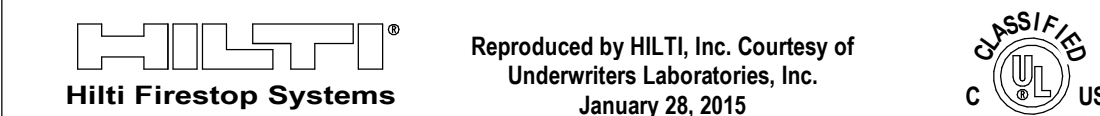
System No. C-AJ-1421

F Rating - 2 and 3 Hr (See Item 4B)
T Rating = 0 Hr



- 1. Floor or Wall Assembly - Min 4-1/2 in. (114 mm) thick reinforced lightweight or normal weight (100-150 pcf or 1600-2400 kg/m³) concrete. Wall may also be constructed of any UL Classified Concrete Blocks*. Max diam of opening is 6 in. (152 mm). See Concrete Blocks (CAZT) category in the Fire Resistance Directory for names of manufacturers.
- 2. Metallic Sleeve - (Optional) - Nom 30 in. (762 mm) diam (or smaller) Schedule 10 (or heavier) steel pipe cast or grouted into floor or wall assembly, flush with floor or wall surfaces.
- 3. Through-Penetrant - One metallic pipe or conduit to be installed either concentrically or eccentrically within the firestop system. The annular space between pipe, tube or conduit and periphery of opening shall be min 0 in. (0 mm) (point contact) to max 5/8 in. (13 mm) (137 mm) diam (or smaller) Type L (or heavier) copper pipe.
- 4. Firestop System - The firestop system shall consist of the following:
 - A. Packing Material - Min 4 in. (102 mm) thickness of min 4 pcf (64kg/m³) mineral wool batt insulation firmly packed into opening as a permanent form. Packing material to be recessed from top surface of floor or from both surfaces of wall as required to accommodate the required thickness of fill material.
 - B. Fill, Void or Cavity Material* - Sealant - Min 1/4 in. (6 mm) thickness of fill material applied within the annulus, flush with top surface of floor or with both surfaces of wall. For 3 hr rated assemblies, a min 1/4 in. (6 mm) diam bead of fill material shall be applied at the concrete/pipe interface at the point contact location on the top surface of floor and on both surfaces of wall.

HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC. - FS-ONE Sealant or CP604 Self-Leveling Firestop Sealant. CP604 shall be used in floor applications only. When CP604 is used, F Rating is 2 Hr. *Bearing the UL Classification Mark

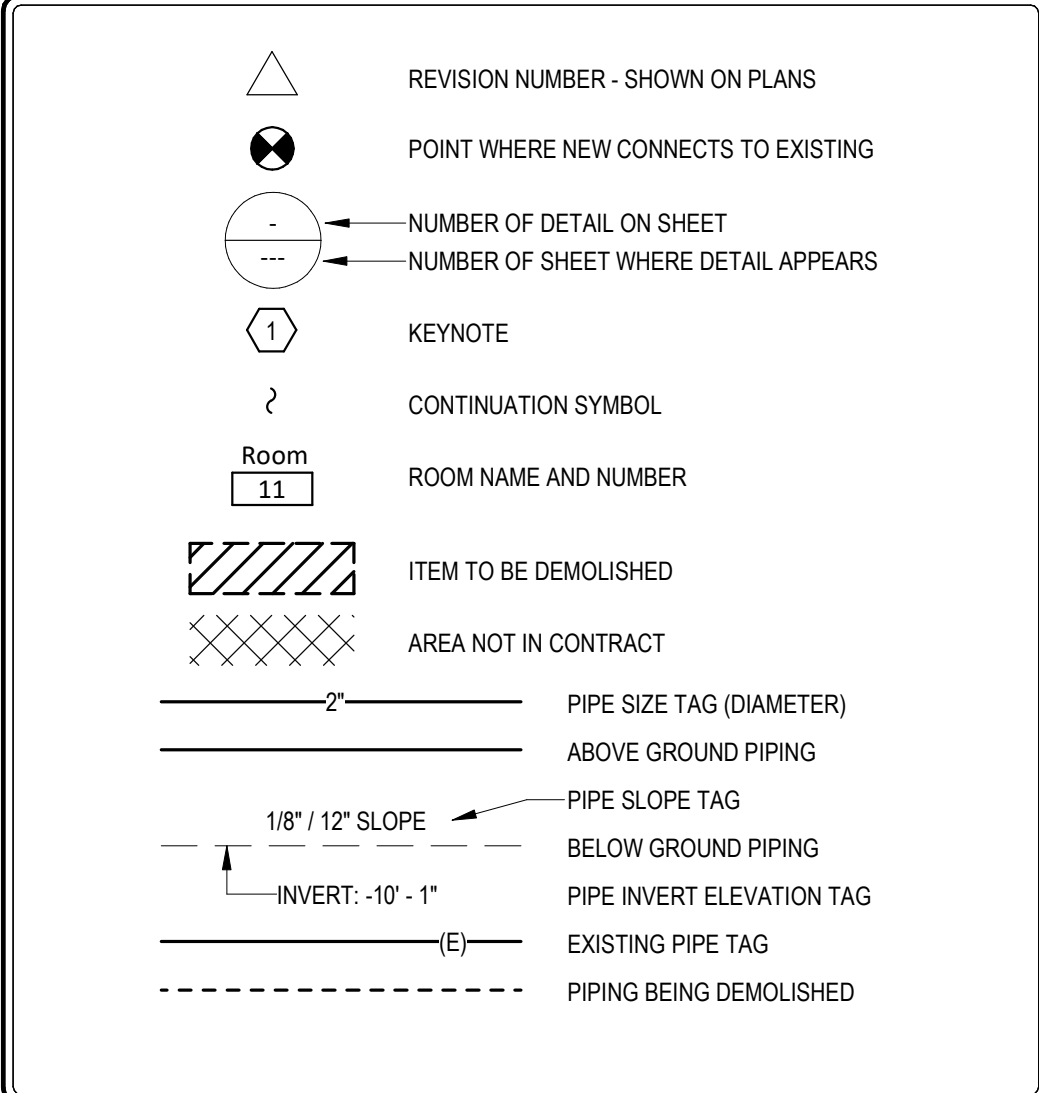


NOTE: REFER TO SPECIFICATIONS FOR LIST OF APPROVED MANUFACTURERS

ABBREVIATIONS

Ø	ROUND	LVR	LOUVER
ABV	ABOVE	LWT	LEAVING WATER TEMPERATURE
AC	AIR CONDITIONING	M/A	MIXED AIR
AD	AREA DRAIN	MAX	MAXIMUM
ADD	ADDENDUM	MBH	ONE THOUSAND BTU PER HOUR
AF	ABOVE FINISHED FLOOR	MCF	ONE THOUSAND CUBIC FEET
AFUE	ANNUAL FUEL UTILIZATION EFFICIENCY	MCH	MOTORIZED DAMPER
ALT	ALTERNATE	MECH	MECHANICAL
AP	ACCESS PANEL	MFR	MANUFACTURER
ARCH	ARCHITECT/ARCHITECTURAL	MIN	MINIMUM
BFF	BELOW FINISHED FLOOR	MISC	MISCELLANEOUS
BL	BELOW	MTR	MOTOR
BTU	BRITISH THERMAL UNITS	MUA	MAKE-UP/AIR
BTUH	BRITISH THERMAL UNITS PER HOUR	NC	NOISE CRITERIA
CAP	CAPACITY	NO	NORMALLY CLOSED
CB	CATCH BASIN	NIC	NOT IN CONTRACT
CFM	CUBIC FEET PER MINUTE	NO	NUMBER
CEILING	CEILING	NO	NORMALLY OPEN
CO	CLEAN OUT	NTS	NOT TO SCALE
CW	COLD WATER	O	OXYGEN
D	DEGREE	O/A	OUTSIDE AIR
DB	DRY BULB	ORA	OVERFLOW ROOF DRAIN
DIAM	DIAMETER	ORD	PRESSURE DROP
DN	DOWN	PIV	POST INDICATOR VALVE
DW	DISTILLED WATER	PLBG	PLUMBING
EA	EACH	PRESS	PRESSURE
EAT	ENTERING AIR TEMPERATURE	PRV	PRESSURE REDUCING VALVE
ELEC	ELECTRICAL	PSI	POUNDS PER SQUARE INCH
EQUIP	EQUIPMENT	PSIG	POUNDS PER SQUARE INCH GAUGE
EQUIP	ELECTRIC WATER COOLER	PWR	POWER
EWT	ENTERING WATER TEMPERATURE	R	DUCT RETURN
E/A	EXHAUST AIR	R/A	RETURN AIR
EXIST	EXISTING	RCP	RADIANT CEILING PANEL
F	DEGREES FAHRENHEIT	REC	RECESSED
FCO	FLOOR CLEAN OUT	RF	RELIANCE
FD	FLOOR DRAIN	RED	REDUCER
FD	FIRE DAMPER	RH	RELATIVE HUMIDITY
FDV	FIRE DEPARTMENT VALVE	RIA	RELIEF AIR
FL	FLOOR	RLM	ROOM
FO	FUEL OIL	ROOM	ROOM
FOV	FUEL OIL VENT	RP	REVOLUTIONS PER MINUTE
FOS	FUEL OIL RETURN	RW	RAIN WATER
FOS	FUEL OIL SUPPLY	S/F	SQUARE FOOT
FFM	FEET PER MINUTE	S/A	SUPPLY AIR
FS	FLOOR SINK	SAN	SANITARY
FT	FOOT/FEET	SF	SQUARE FOOT
FTR	FIN TUBE RADIATION	SD	SMOKE DAMPER
GAL	GALLON	SM	SURFACE MOUNT
GC	GENERAL CONTRACTOR	SP	STANDPIPE
GPM	GALLONS PER MINUTE	SP	STATIC PRESSURE
GW	GREASE WASTE	STM	STEAM
HB	HOSE BIB	T	THERMOSTAT
HP	HORSE POWER	TD	TEMPERATURE DROP
HTG	HEATING	TDR	TRENCH DRAIN
HTR	HEATER	TEMP	TEMPERATURE
HW	HOT WATER	TYP	TYPICAL
HYD	HYDRANT	UG	UNDERGROUND
ID	INDIRECT	VAC	VACUUM
IN	INCH	V	VENT
INV	INVERT	VAV	VARIABLE AIR VOLUME
INVT	INVERT	VENT	VENTILATION
LB/HR	POUNDS PER HOUR	VTR	VENT THROUGH ROOF
LAT	LEAVING AIR TEMPERATURE	VTW	VENT THROUGH WALL
LP	LOW PRESSURE	W	WASTE
LPG	LIQUEFIED PETROLEUM GAS	WCO	WALL CLEAN OUT
		WH	WALL HYDRANT

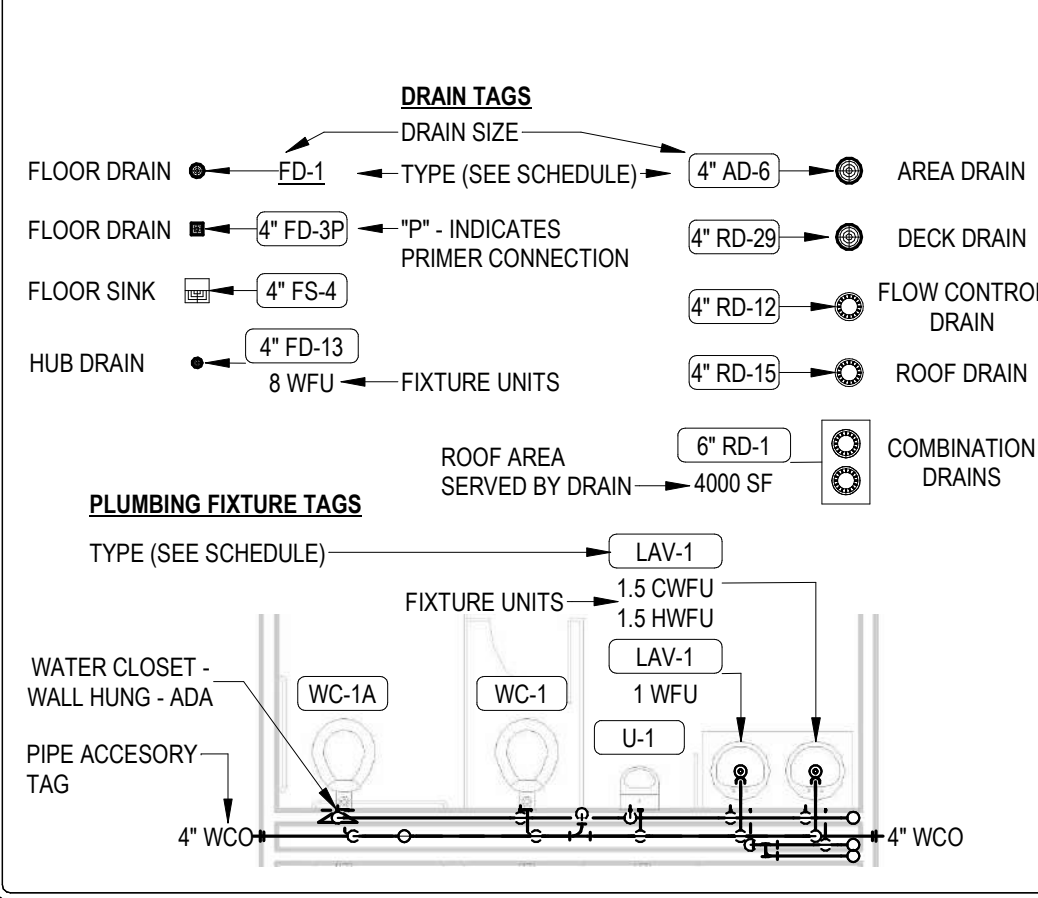
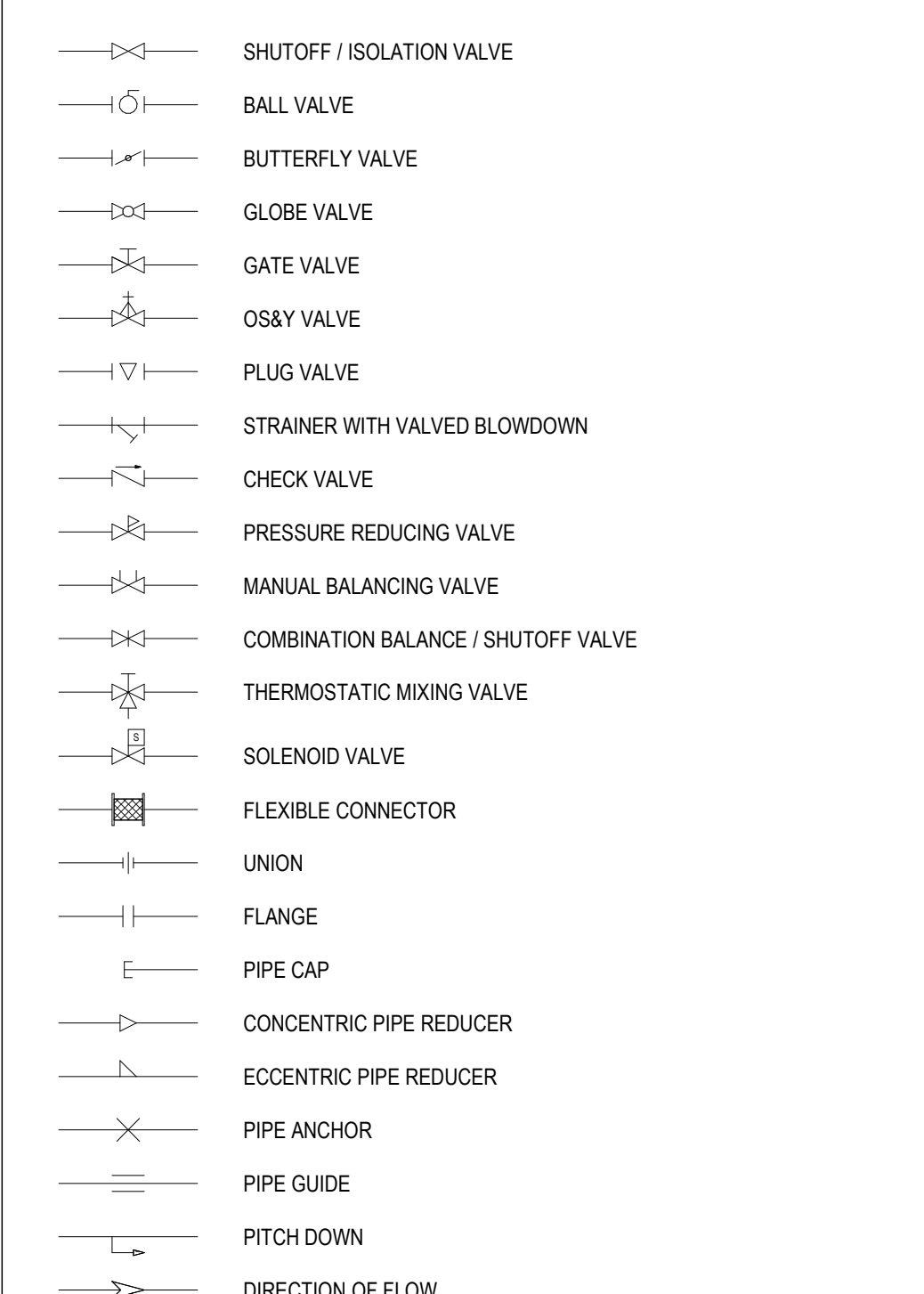
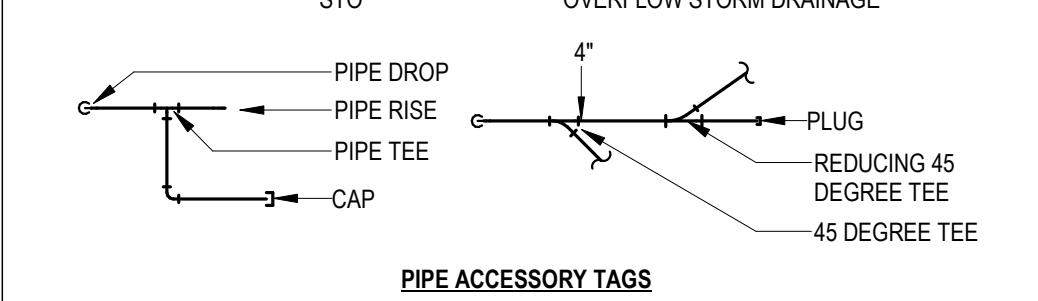
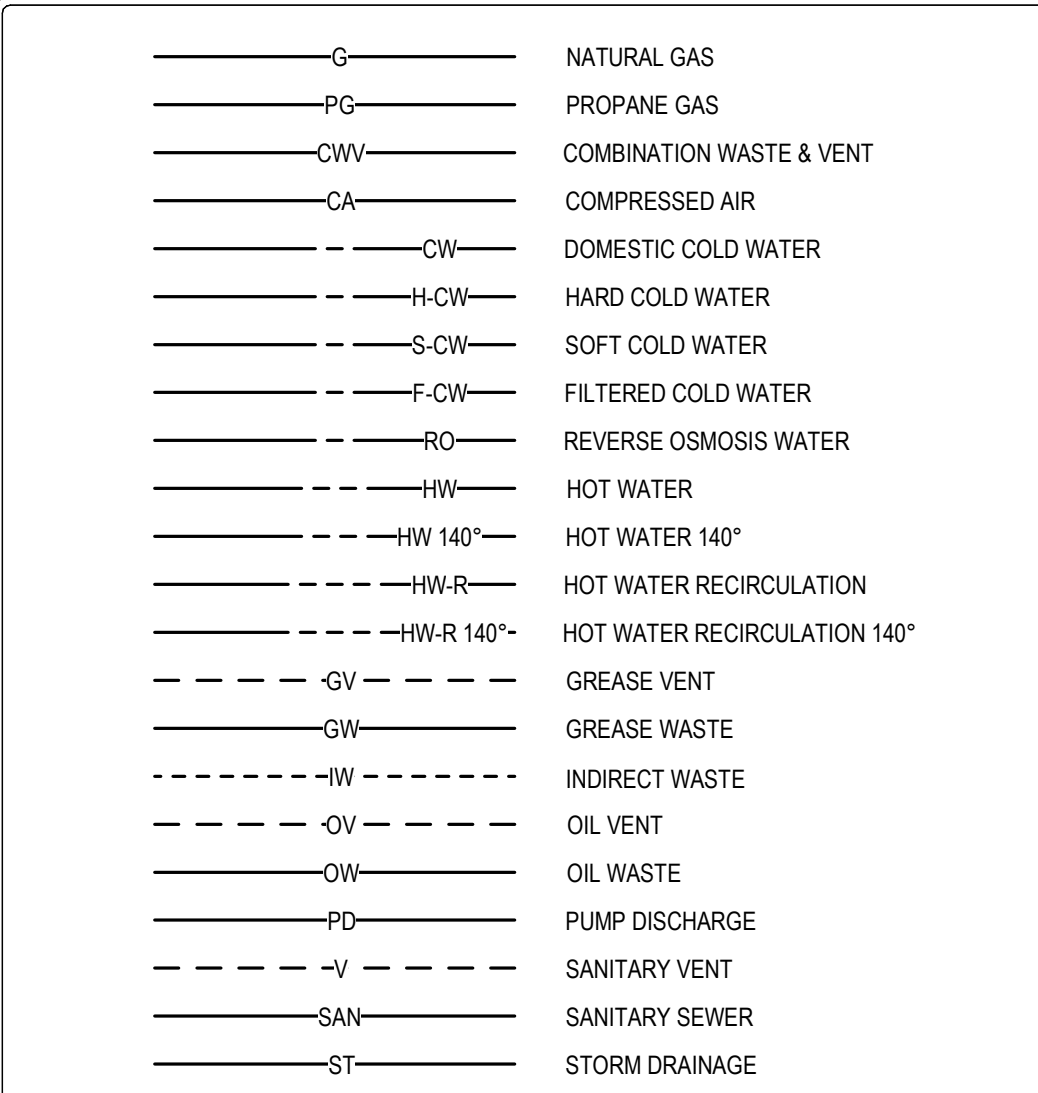
GENERAL MECHANICAL SYMBOLS



EQUIPMENT ABBREVIATIONS

AC	AIR CONDITIONING UNIT	EW	ELECTRIC WATER HEATER
ACC	AIR COOLED CONDENSER	FCU	FAN COIL UNIT
ACCU	AIR COOLING CONDENSING UNIT	FP	FIRE PUMP
AHU	AIR HANDLING UNIT	GI	GREASE INTERCEPTOR
AS	AIR SEPARATOR	GRV	GRAVITY ROOF VENTILATOR
B	BOILER	HWP	HEATING WATER PUMP
CH	CHILLER	HX	HEAT EXCHANGER
CT	COOLING TOWER	HURU	RETURN EXHAUST UNIT
CUH	CABINET UNIT HEATER	PRV	POWER ROOF VENTILATOR
CWP	CONDENSER WATER PUMP	RE	RETURN EXHAUST FAN
CHWP	CHILLED WATER PUMP	RTU	ROOF TOP UNIT
DBP	DOMESTIC WATER BOOSTER PUMP	SEP	SEWAGE EJECTOR PUMP
DC	DUCT MOUNTED COIL	SF	SUPPLY FAN
DCP	DOMESTIC WATER CIRCULATING PUMP	SP	SUMP PUMP
EF	EXHAUST FAN	UH	UNIT HEATER
EDC	ELECTRIC DUCT COIL	WH	WATER HEATER
ET	EXPANSION TANK		

PLUMBING AND PIPING SYMBOLS



PLUMBING GENERAL NOTES

- A. THESE DRAWINGS ARE DIAGRAMMATIC AND SHALL NOT BE SCALED. THE PLUMBING CONTRACTOR SHALL VERIFY QUANTITIES, SIZES, AND LOCATIONS OF ALL FIXTURES, VENTS, STACKS, WATERLINES, ETC. PRIOR TO ANY CONSTRUCTION. ERRORS AND OMISSIONS SHALL BE CALLED TO THE IMMEDIATE ATTENTION OF THE ARCHITECT/CONSTRUCTION MANAGER.
- B. THE PLUMBING CONTRACTOR, BY VIRTUE OF COMPLETING THE WORK SHALL BE RESPONSIBLE FOR GUARANTEES THAT ALL INSTALLED SYSTEMS WILL FUNCTION PROPERLY AS DESIGNATED BY THE CONTRACT DRAWINGS. IN THE CASE THAT THERE IS DISCREPANCY BETWEEN SPECIFICATIONS AND CONTRACT DRAWINGS, THE MOST STRINGENT SHALL PREVAIL.
- C. ALL WORK SHALL BE INSTALLED IN ACCORDANCE WITH STATE & LOCAL PLUMBING CODES, LOCAL HEALTH DEPT. REGULATIONS, AND EPA REQUIREMENTS.
- D. OBTAIN AND PAY FOR ALL PERMITS, CAPACITY CHARGES, FRONTAGE FEES, TAPMETER FEES AND INSPECTION FEES.
- E. PIPING & EQUIPMENT LAYOUT IS SCHEMATIC. EXACT LOCATIONS OF PIPING & EQUIPMENT TO BE COORDINATED WITH BUILDING STRUCTURE AND WORK OF OTHER CONTRACTORS.
- F. ALL PIPING SHALL BE CONCEALED IN AREAS OF FINISHED CONSTRUCTION. FINISHED AREAS WITH EXPOSED STRUCTURE (I.E. GYMNASIUMS) SHALL HAVE ALL PIPING RUN ABOVE THE BOTTOM CHORD OF TRUSSES UNLESS NOTED OTHERWISE.
- G. COORDINATE EXACT LOCATION OF GAS AND COLD WATER OUTLETS IN MECH. EQUIP. & BOILER ROOMS WITH HVAC CONTRACTOR.
- H. RUN ALL WATER AND GAS LINES LEVEL.
- I. PROVIDE STOP VALVES AT FIXTURES.
- J. SHUT-OFF VALVES SHOWN ARE TO BE INSTALLED IN ADDITION TO STOP VALVES AND AT ALL RESTROOMS.
- K. REFER TO ARCHITECTURAL ELEVATIONS FOR MOUNTING HEIGHTS OF HANDICAPPED FIXTURES.
- L. FIELD VERIFY INVERTS, LOCATION, AND FLOW DIRECTION OF EXISTING SANITARY & STORM SEWER PIPING PRIOR TO PERFORMING ANY PLUMBING WORK.
- M. INVERT ELEVATIONS GIVEN OF SANITARY, STORM, AND CONDENSATE DRAINAGE PIPING ARE APPROXIMATE AND BASED ON FINISHED FLOOR ELEVATION SHOWN. FINAL DETERMINATION OF INVERTS SHALL BE MADE IN FIELD AND SHALL BE COORDINATED WITH HVAC CONTRACTOR. COORDINATE CLOSELY WITH OTHER CONTRACTORS WHEN ROUGHING-IN FOR & MAKING FINAL CONNECTIONS TO FIXTURES & EQUIPMENT.
- N. COORDINATE ALL EQUIPMENT DELIVERY, RIGGING, STORAGE, AND INSTALLATION WITH GENERAL CONTRACTOR & BUILDING CONSTRUCTION CONDITIONS.
- O. KITCHEN FIXTURES & EQUIPMENT TO BE PROVIDED & INSTALLED BY KITCHEN CONTRACTOR UNLESS OTHERWISE SPECIFIED. PLUMBING CONTRACTOR SHALL ROUGH-IN FOR & MAKE FINAL CONNECTIONS. KC TO FURNISH ALL HARDWARE TO INCLUDE TRAPS, SUPPLIES, HOSES, FAUCETS, ETC.
- P. ALL VALVES CAPABLE OF INTERRUPTING FIRE PROTECTION SERVICE TO LIMITED AREA SPRINKLER SYSTEM SHALL BE PROVIDED WITH PADLOCK & CHAIN AND LOCKED OPEN.
- Q. ANCHORS, ALIGNMENT GUIDES, EXPANSION LOOPS, EXPANSION JOINS, ETC. SHOWN ON THE DRAWINGS ARE FOR GENERAL REFERENCE. CONTRACTOR SHALL EVALUATE FINAL PIPING LAYOUTS AND EXPANSION REQUIREMENTS AND PROVIDE ALL NECESSARY ITEMS TO ACCOMMODATE PIPE EXPANSION IN THE SYSTEMS. ALL ASSOCIATED COSTS ARE TO BE INCLUDED IN THE CONTRACTOR'S BID. REFER TO SPECIFICATION 22 05 16 - EXPANSION FITTINGS AND LOOPS FOR PLUMBING PIPING FOR ADDITIONAL REQUIREMENTS.
- R. ITEMS INDICATED ON PLANS AS EXISTING ARE APPROXIMATE LOCATIONS. SITE VISITS DURING BIDDING PROCESS MAY BE NECESSARY IN ORDER TO DETERMINE ACTUAL SIZES AND LOCATIONS OF PIPING, EQUIPMENT, BEST TIE-IN LOCATIONS, AND EXISTING CONSTRUCTION CONDITIONS. ACTUAL LOCATIONS OF PIPING & EQUIPMENT SHALL BE MADE IN FIELD PRIOR TO PERFORMING PLUMBING WORK.
- S. GROUND'S SHOWN ON DRAWINGS ARE FOR SCHEMATIC REFERENCE ONLY AND DO NOT NECESSARILY REFLECT ACTUAL ROOM'S.
- T. PLUMBING CONTRACTOR SHALL TAKE PRECAUTIONS AS TO NOT DAMAGE ANY EXISTING, REMAINING PLUMBING FIXTURES AND/OR EQUIPMENT DURING CONSTRUCTION. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING ANY EXISTING FIXTURES AND/OR EQUIPMENT DAMAGED DURING CONSTRUCTION.
- U. PROVIDE ALL CUTTING, PATCHING, AND TOUCH-UP PAINTING REQUIRED FOR NEW WORK.
- V. PRIOR TO FABRICATION OR INSTALLATION OF PIPING, THE PLUMBING CONTR. SHALL COORDINATE LOCATIONS & ELEVATIONS OF OTHER EQUIPMENT, INCLUDING, BUT NOT LIMITED TO LIGHT FIXTURES, DIFFUSERS, DUCTWORK, CONDUITS, PIPING, & CEILING GRID. OBTAIN SIGNATURES OF OTHER TRADES ON THE COORDINATION DRAWING.
- W. HOT WATER SHALL BE PIPED TO LEFT SIDE OF ALL FAUCETS, UNLESS SPECIFICALLY NOTED OTHERWISE. W.P. TO REFER TO ENLARGED ARCHITECTURAL PLANS & ELEVATIONS FOR FIXTURE & EQUIPMENT REQUIREMENTS.
- X. WHERE FLOOR DRAIN TRAP SEAL IS SUBJECT TO LOSS BY EVAPORATION, P.C. SHALL PROVIDE A TRAP PRIMER OR BARRIER TRAP SEAL.
- Y. P.C. TO PROVIDE WATER HAMMER ARRESTER ON PIPING SUPPLYING ALL FLUSH VALVES & OTHER QUICK CLOSING VALVES. WATER HAMMER ARRESTER TO BE SIZED PER RECOMMENDATIONS.
- Z. ALL VALVES INDICATED ON PLANS AS BEING NORMALLY CLOSED BY-PASS VALVES SHALL BE LABELED AS SUCH IN THE FIELD.
- AA. P.C TO REFER TO ENLARGED ARCHITECTURAL PLANS & ELEVATIONS FOR FIXTURE & EQUIPMENT REQUIREMENTS.
- BB. ALL ABOVE CEILING SANITARY DRAIN LINES SHALL HAVE CLEAN-OUTS @ END OF HORIZONTAL RUN.
- CC. CONTRACTOR IS RESPONSIBLE FOR SEALING AND PATCHING ALL OPENINGS IN WALLS. FIRESTOP ANY OPENINGS IN RATED ASSEMBLIES. REFER TO SPECIFICATIONS. PROPERLY SUPPORT ALL PENETRATING ITEMS. WALL OPENINGS ARE NOT TO BE USED FOR SUPPORT. COORDINATE ALL OPENINGS IN BOTH NEW AND EXISTING ASSEMBLIES WITH ALL TRADES.

PLUMBING SHEET INDEX

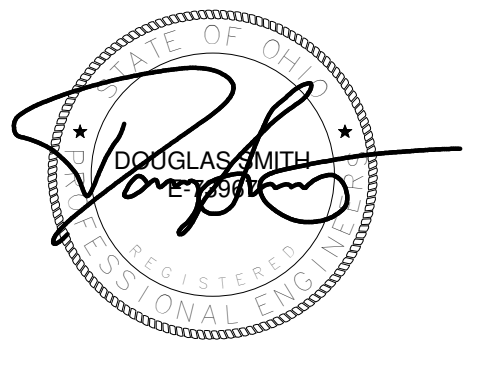
P000	PLUMBING LEGENDS
PSU	PLUMBING SITE UTILITY PLAN
P001	PLUMBING UNDERSLAB PLAN
P101	FIRST FLOOR PLUMBING PLAN
P401	ENLARGED PLUMBING PLANS
P601	PLUMBING SCHEDULES & DETAILS
P901	PLUMBING STACKS



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DEL #21-179



DOT-200023 ODOT - EATON OUTPOST

CONSTRUCTION DOCUMENTS

5656 US-127 Eaton, Ohio 45320

1	12/17/21	Revision 1 Permit/Bid Set
	12/10/21	Bid Set
	11/12/21	Permit Set

MARK	DATE	DESCRIPTION
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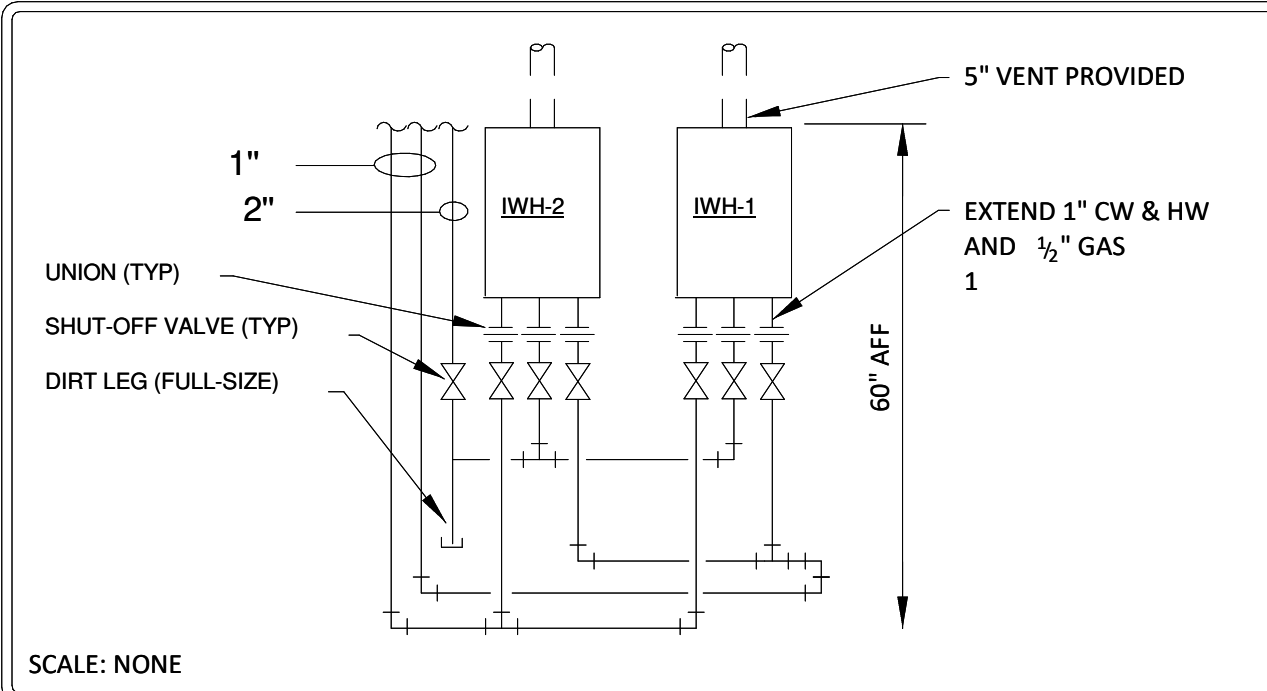
SHEET TITLE

PLUMBING LEGENDS

P000

GAS WATER HEATER DETAIL

8

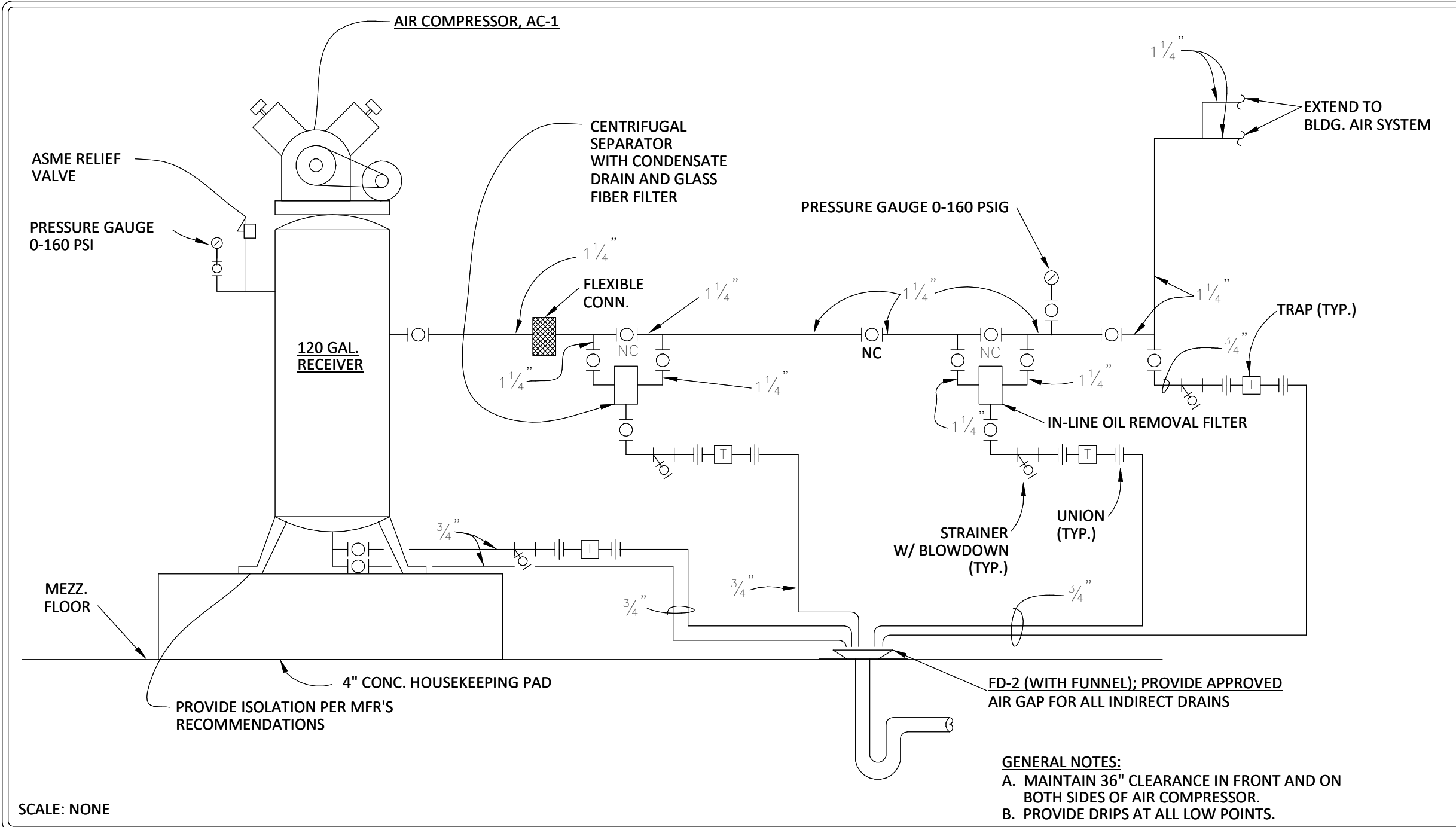


OM BLDG GAS-FIRED EQUIPMENT CONNECTION SCHEDULE				
TAG NO.	GAS SUPPLY FINAL CONN.*	ITEM	INPUT CAPACITY (MBH)	REMARKS
G-1	1"	BACK-UP GENERATOR	583	PROVIDE SHUT-OFF VALVE, DIRT LEG, STRAINER, REGULATOR, AND UNION.
IRH-1 TO IRH-6	1/2"	INFRARED HEATER	125	PROVIDE SHUT-OFF VALVE, DIRT LEG, STRAINER, AND UNION.
PW-1	1-1/2"	POWER WASHER	400	PROVIDE SHUT-OFF VALVE, DIRT LEG, STRAINER, AND UNION.
IWH-1 TO IWH-2		INSTANTANEOUS HEATER	200	PROVIDE SHUT-OFF VALVE, DIRT LEG, STRAINER, AND UNION.
OM TOTAL CONNECTED INPUT CAPACITY (MBH)			2133	

* VERIFY FINAL CONNECTION SIZE WITH MANUFACTURER

15 H.P. TWIN CYLINDER AIR COMPRESSOR AC-1 PIPING

5



FIXTURE & EQUIPMENT BRANCH SIZE SCHEDULE

FIXTURE	DOMESTIC CW	DOMESTIC HW	OUTLET	VENT	REMARKS
AC-1	--	--	1-1/4"	--	AIR COMPRESSOR.
BFP-1	2-1/2"	--	--	--	DOMESTIC WATER BACKFLOW PREVENTER
BFP-2	1-1/2"	--	--	--	POWER WASHER BACKFLOW PREVENTER
BFP-3	2"	--	--	--	BRINE SYSTEM BACKFLOW PREVENTER
BFP-4	2"	--	--	--	CHASSIS WASH BACKFLOW PREVENTER
ESEW-1	1-1/4"	1-1/4"	1-1/2"	--	EMERGENCY SHOWER/EYE WASH
BF-1	1/2"	--	1-1/2"	1-1/2"	ADA-COMPLIANT, SINGLE LEVEL, BOTTLE FILLER.
FD-1	--	--	3"	1-1/2"	5" DIA. STRAINER, 3/4" TRAP PRIMER CONNECTION.
FD-2	--	--	3"	1-1/2"	5" DIA. STRAINER, 3/4" TRAP PRIMER CONNECTION, WITH FUNNEL.
HB-1	3/4"	--	--	--	HOSE BIBB, INSTALL @ 24" A.F.F. PROVIDE VACUUM BREAKER.
LAV-1	1/2"	1/2"	1-1/2"	1-1/2"	ADA-COMPLIANT, COUNTERTOP.
LS-1	3/4"	3/4"	3"	1-1/2"	LAUNDRY SINK.
SK-1	1/2"	1/2"	1-1/2"	1-1/2"	S.S., DOUBLE BOWL, COUNTERTOP W/ FOOD WASTE GRINDER.
TP-1	1/2"	--	--	--	PROVIDE 3/4" LINE TO EACH FLOOR DRAIN.
UR-1	3/4"	--	2"	1-1/2"	WALL-MTD. FLUSH VALVE
WC-1	1"	--	4"	2"	FLOOR-MTD. REAR OUTLET, FLUSH VALVE, ELONGATED BOWL, OPEN FRONT SEAT
WH-1	3/4"	--	--	--	FREEZE-RESISTANT, WALL HYDRANT, MOUNT @ 24" A.F.G. INTEGRAL VACUUM BREAKER.
ET-1	3/4"	--	--	--	POTABLE WATER EXPANSION TANK, 2 GALLON
EH-1	3/4"	3/4"	--	--	15 GALLON ELECTRIC WATER HEATER, AO SMITH MODEL DEL-15, ONE 2.5 KW ELEMENT, 10 GPH RECOVERY CAPACITY, 240/1/60 POWER.
IWH-1	1-1/4"	1-1/4"	--	--	ULTRA-LOW NOX CONDENSING GAS FIRED INSTANTANEOUS WATER HEATER. AO SMITH MODEL ATI-540H, 199 MBH, 6 GPM AT 60 DEG. RISE., MULTI-LINK CONTROLS.
IWH-2	1-1/4"	1-1/4"	--	--	ULTRA-LOW NOX CONDENSING GAS FIRED INSTANTANEOUS WATER HEATER. AO SMITH MODEL ATI-540H, 199 MBH, 6 GPM AT 60 DEG. RISE., MULTI-LINK CONTROLS.

GENERAL NOTE: REFER TO SPECIFICATIONS FOR LIST OF APPROVED MANUFACTURERS.

HOSE REEL EQUIPMENT

WHR-1: WATER HOSE REELS: REFER TO SECTION 11 11 00 FOR HOSE REEL SPECIFICATION.

AHR-1: AIR HOSE REELS: REFER TO SECTION 11 11 00 FOR HOSE REEL SPECIFICATION.

PWHR-1: PRESSURE WASHER HOSE: REFER TO SECTION 11 11 10 FOR PRESSURE WASHER HOSE SPECIFICATION.

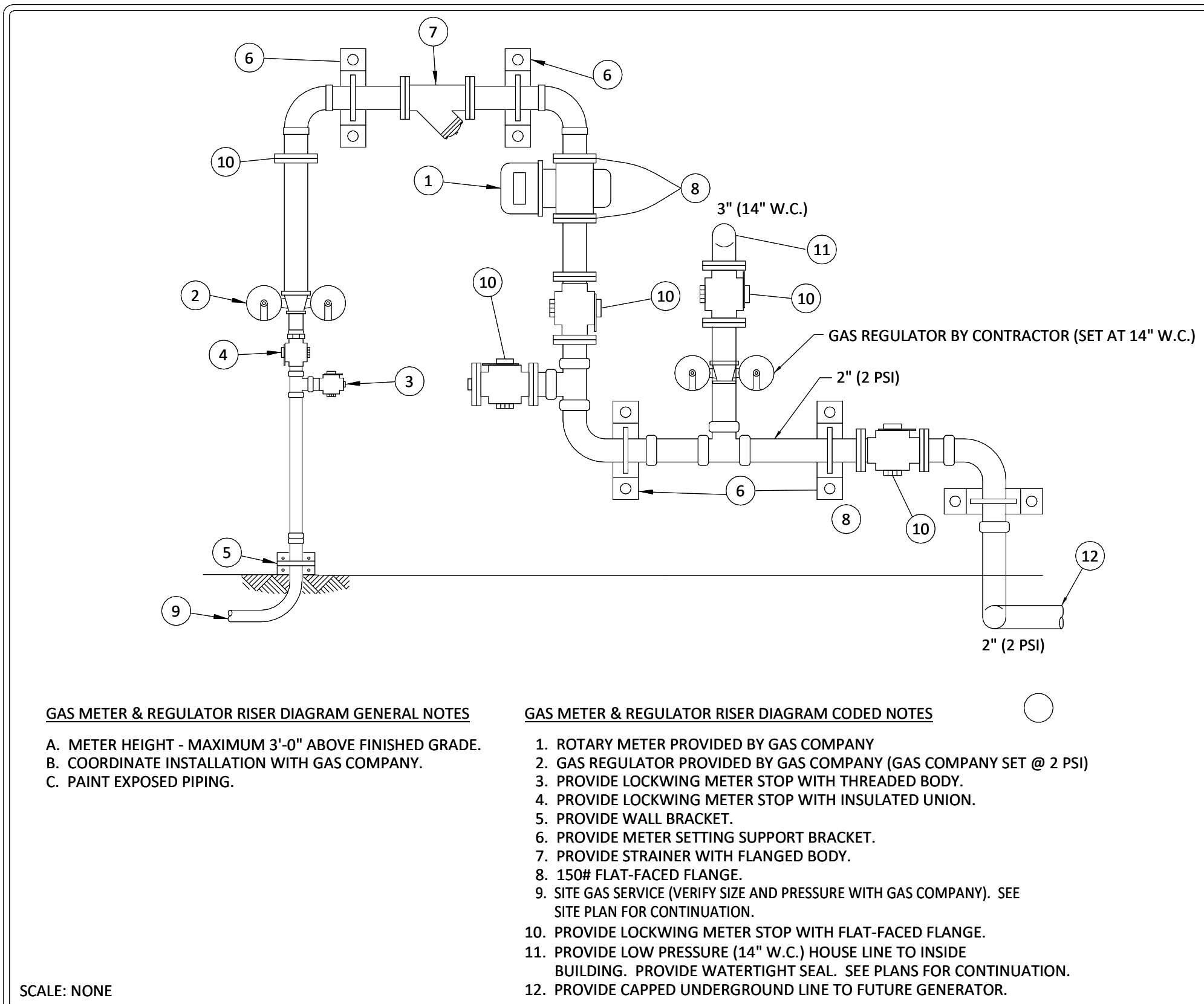
GENERAL NOTES:

- PROVIDE SHUT OFF VALVE ON THE VERTICAL PIPE DROP BEFORE THE HOSE REELS AND PRESSURE WASHER HOSE POINT OF CONNECTIONS.

- PROVIDE VACUUM BREAKER FOR HOSE REELS AND PRESSURE WASHER HOSE PER MANUFACTURER INSTALLATION REQUIREMENTS.

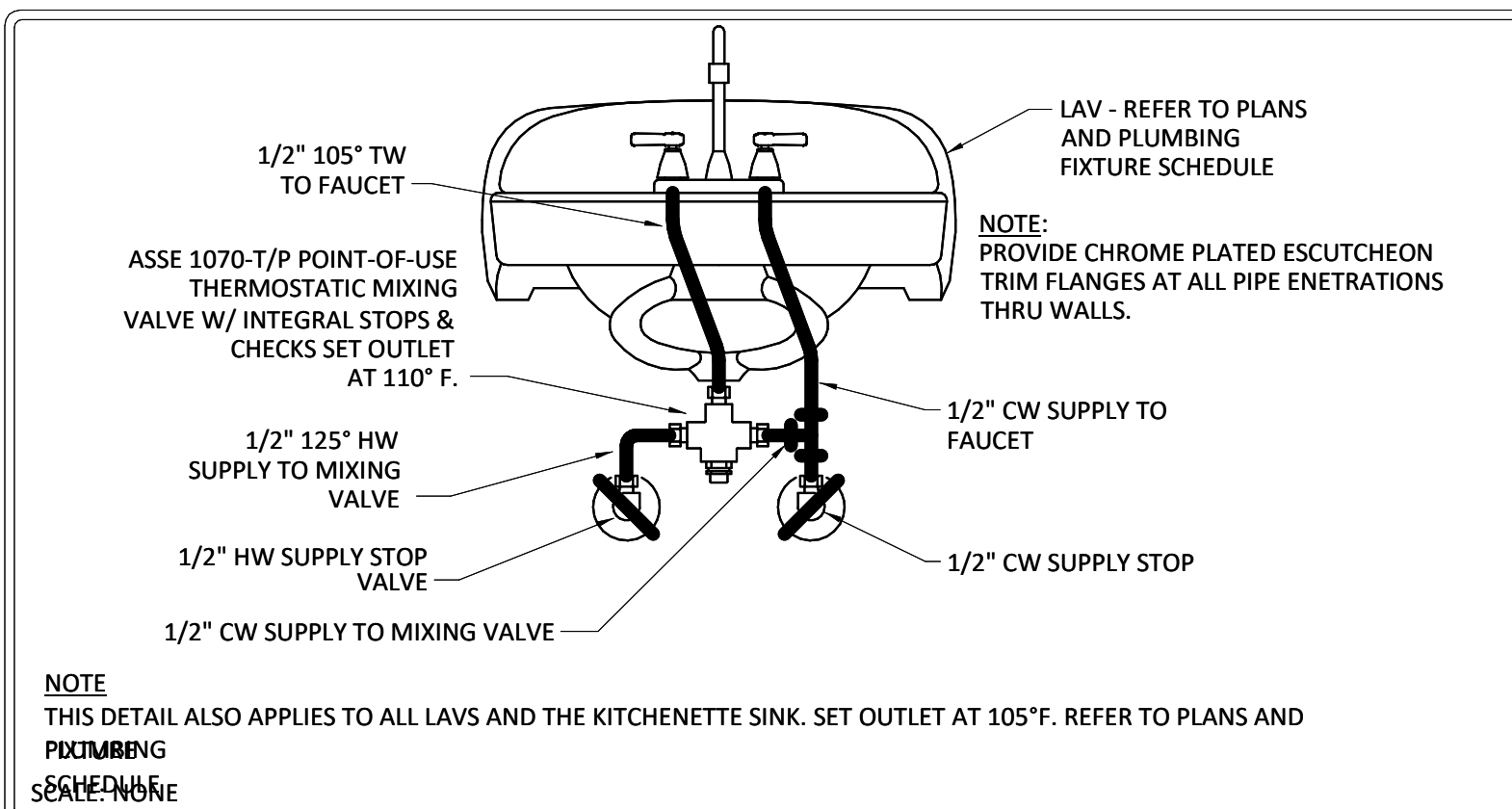
GAS METER AND REGULATOR RISER DIAGRAM

6



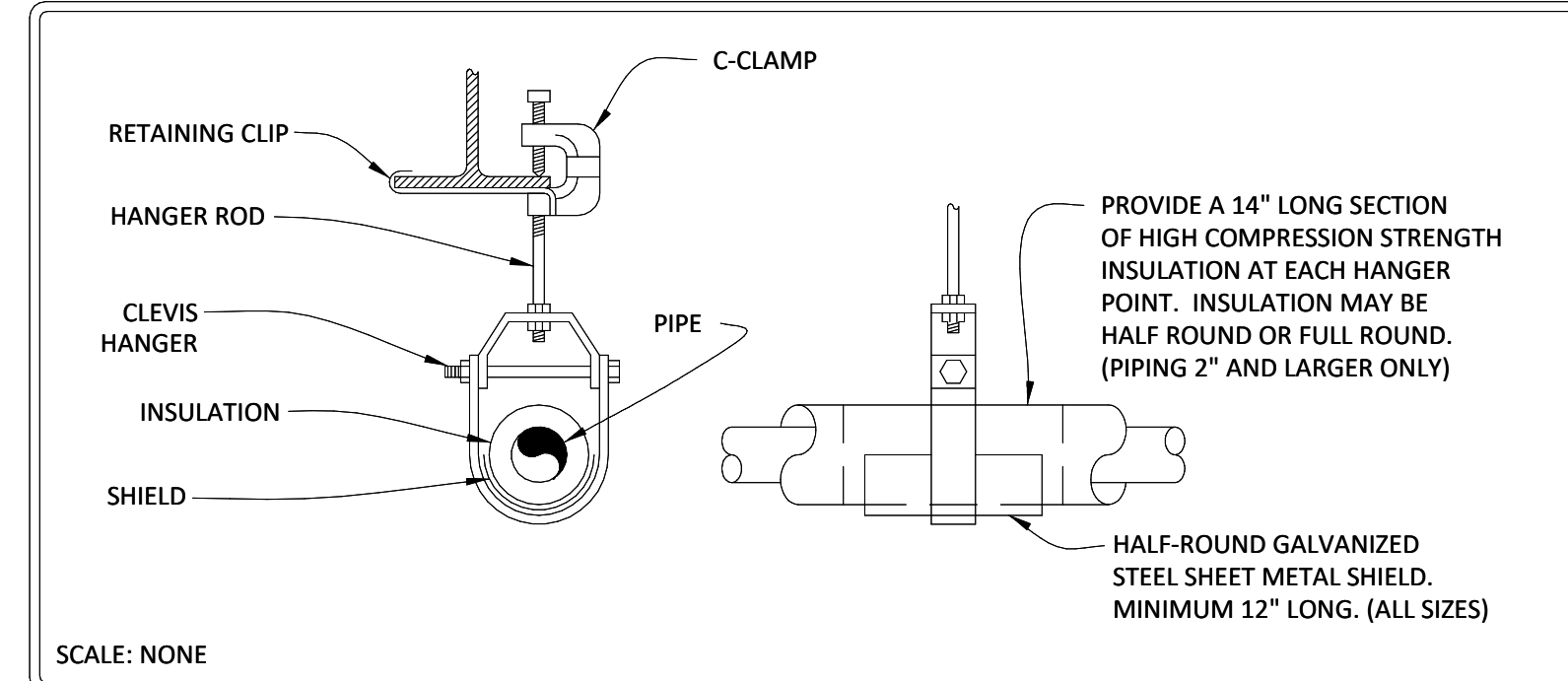
TYPICAL LAVATORY PIPING CONNECTION

7



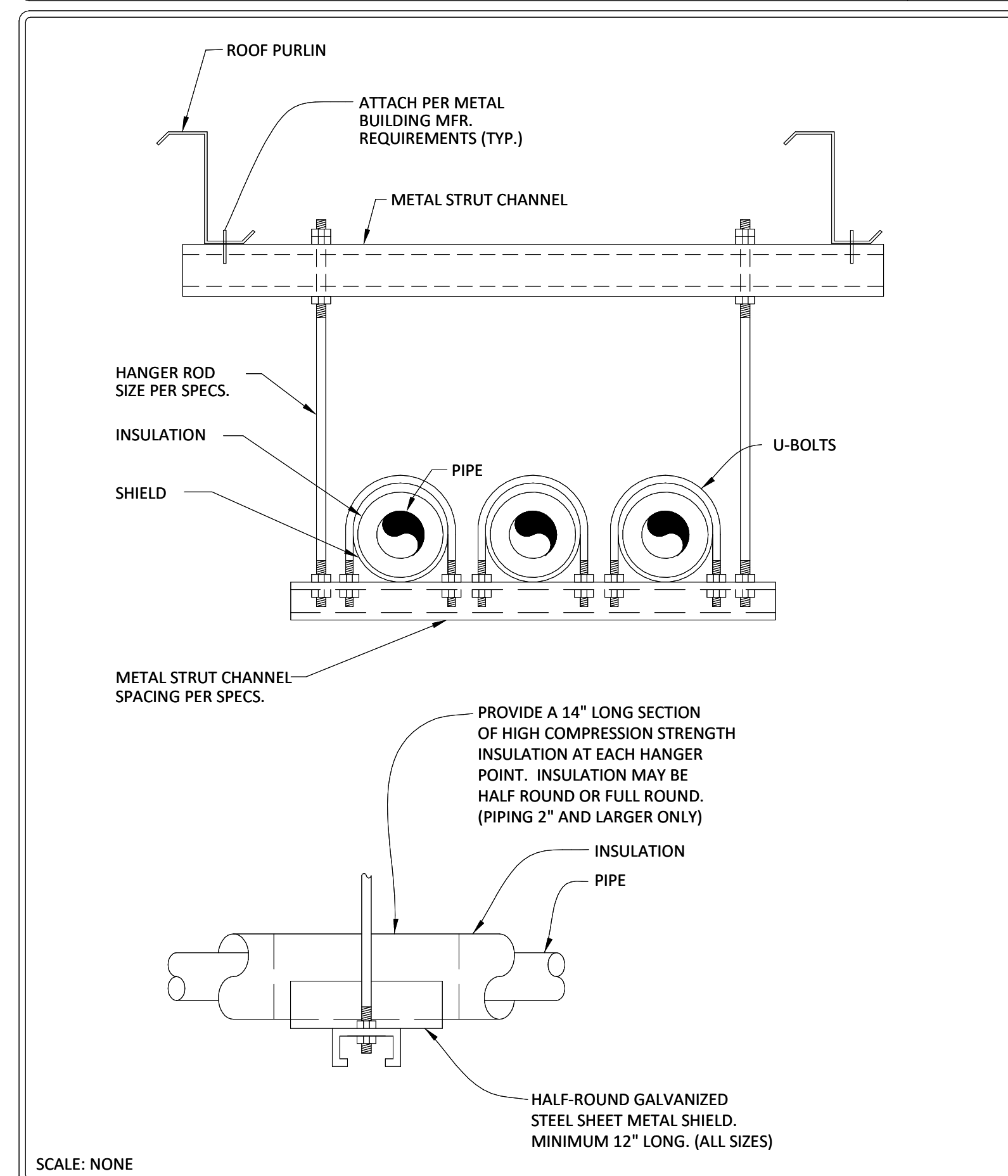
INDIVIDUAL PIPE HANGER DETAIL

1



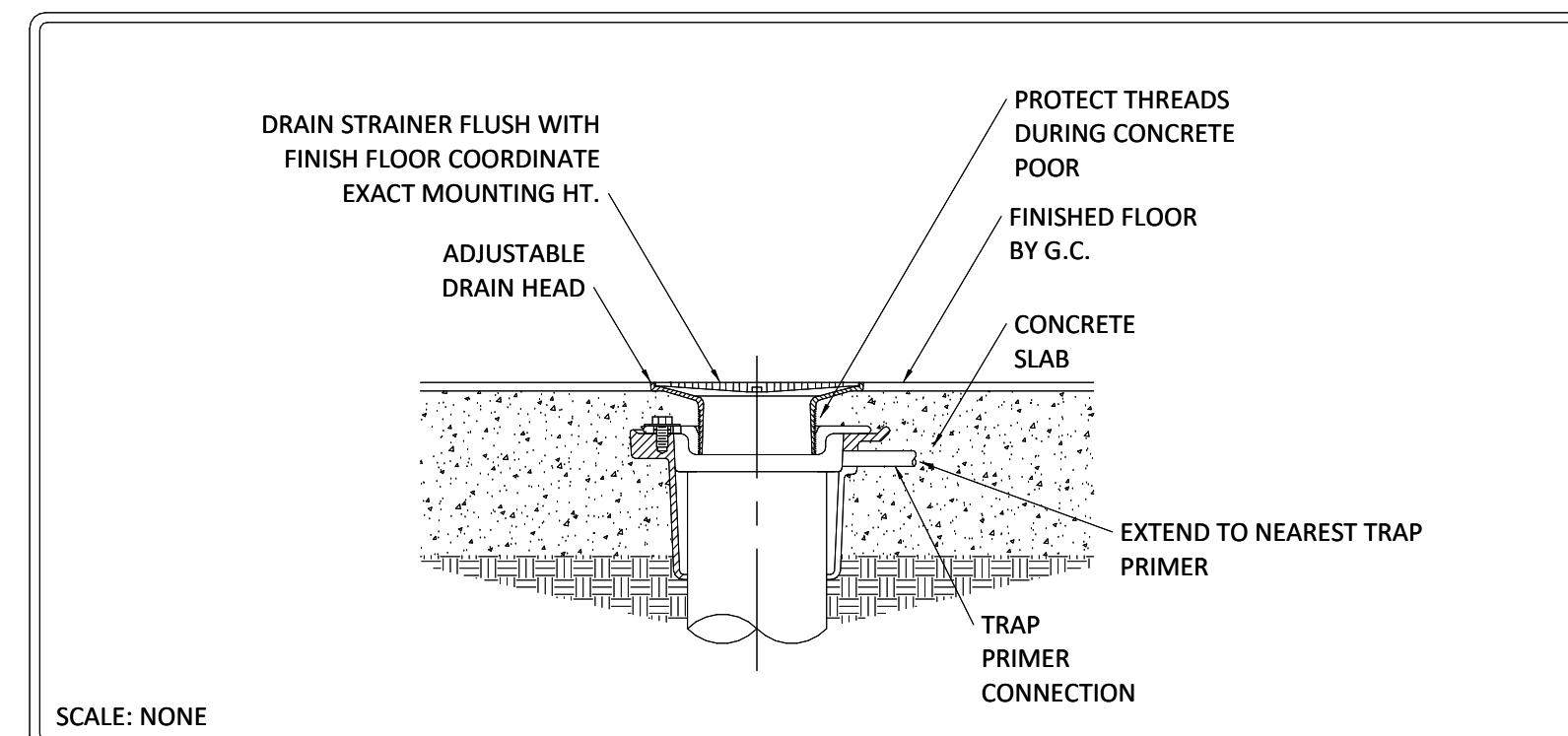
TRAPEZE PIPE HANGER DETAIL

2



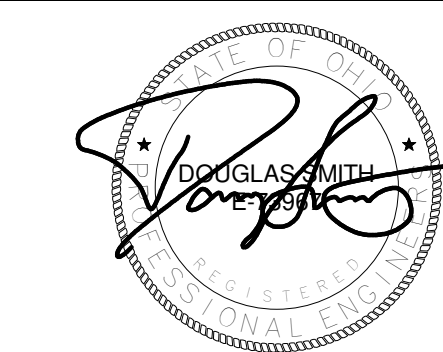
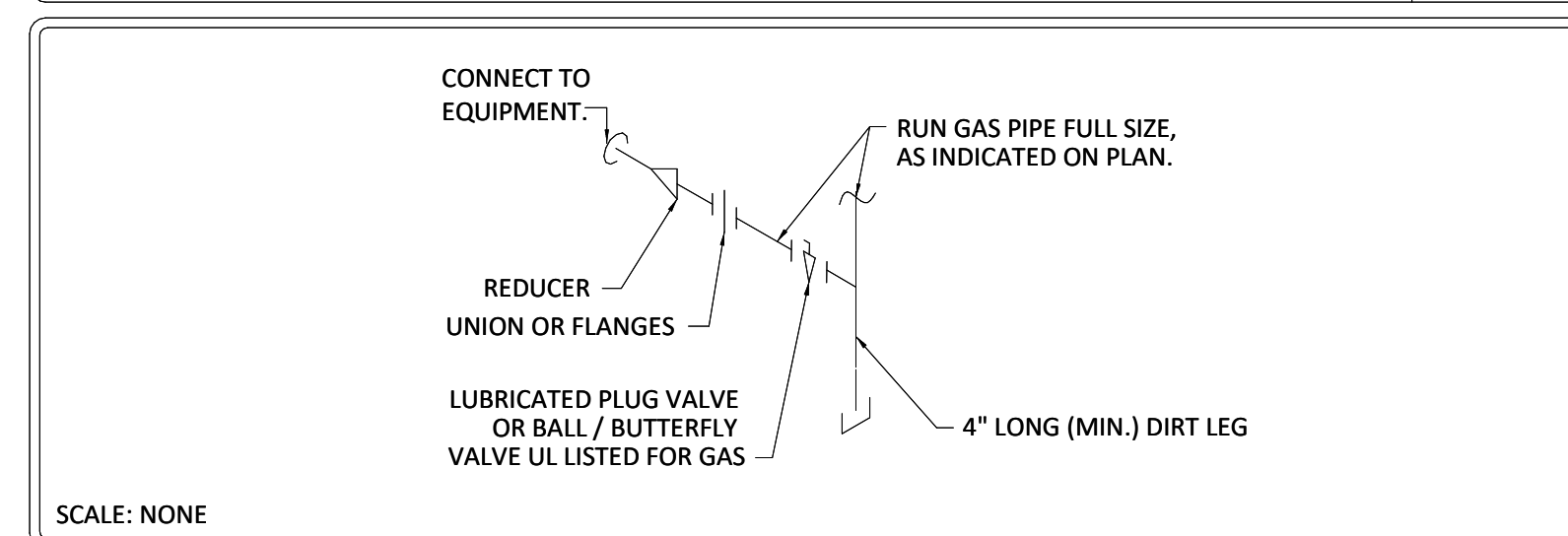
TYPICAL FLOOR DRAIN DETAIL

3



TYPICAL GAS PIPING CONNECTION

4



DOT-200023 ODOT - EATON OUTPOST

CONSTRUCTION DOCUMENTS

5656 US-127 Eaton, Ohio 45320

MARK	DATE	DESCRIPTION
1	12/17/21	Revision 1 Permit/Bid Set
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	11/12/21	Permit Set

PROJECT NO: **DOT-200023**
DATE: **12/17/2021**
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SHEET TITLE

PLUMBING SCHEDULES & DETAILS



DOT-20023 ODOT - EATON OUTPOST

CONSTRUCTION DOCUMENTS

5656 US-127 Eaton, Ohio 45320

MARK	DATE	DESCRIPTION
1	12/17/21	Revision 1 Permit/Bid Set
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HVAC LEGENDS

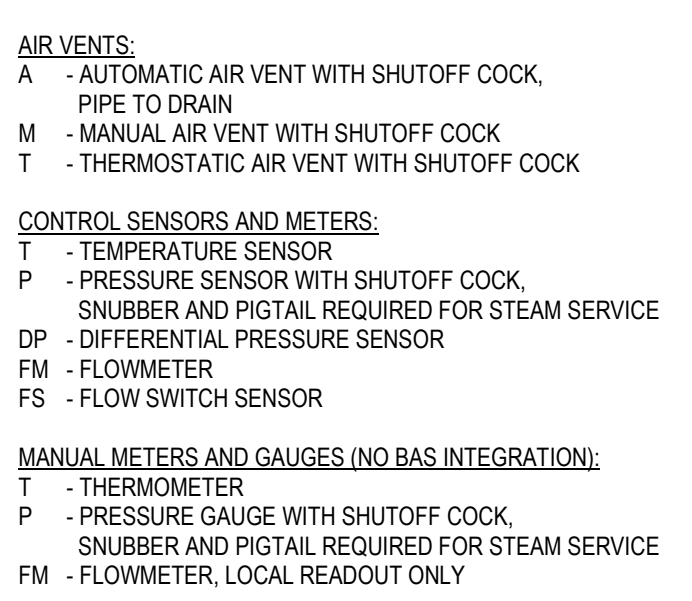
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HVAC GENERAL NOTES

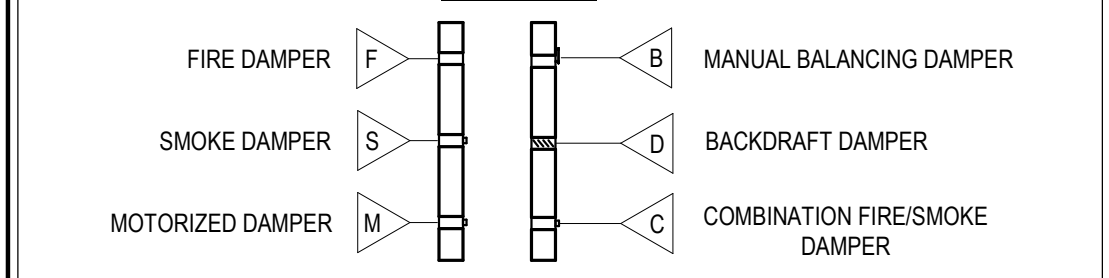
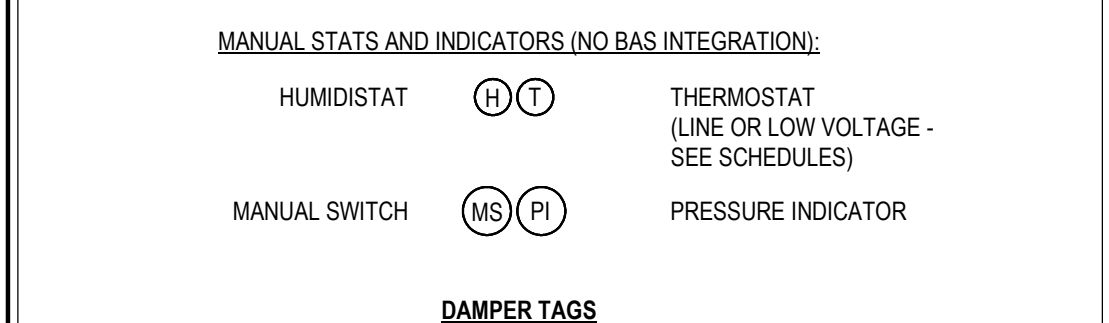
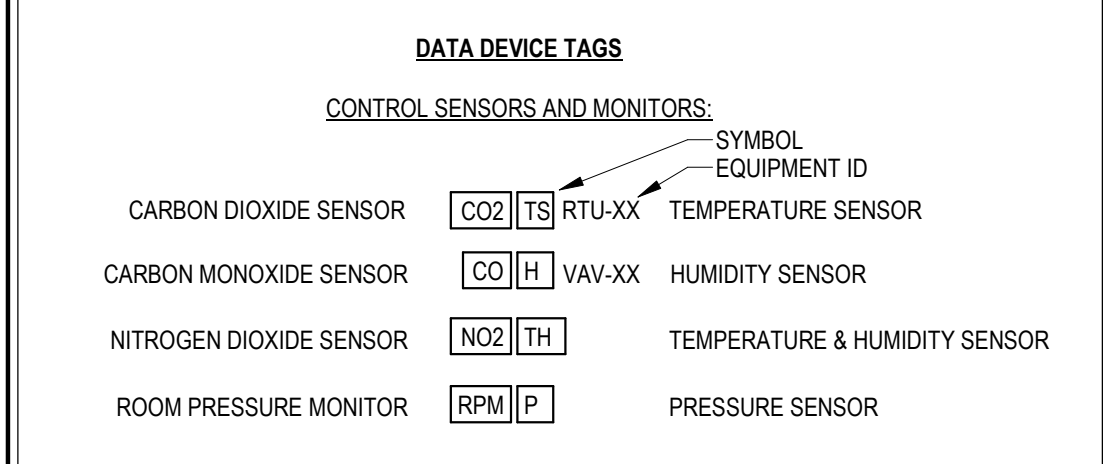
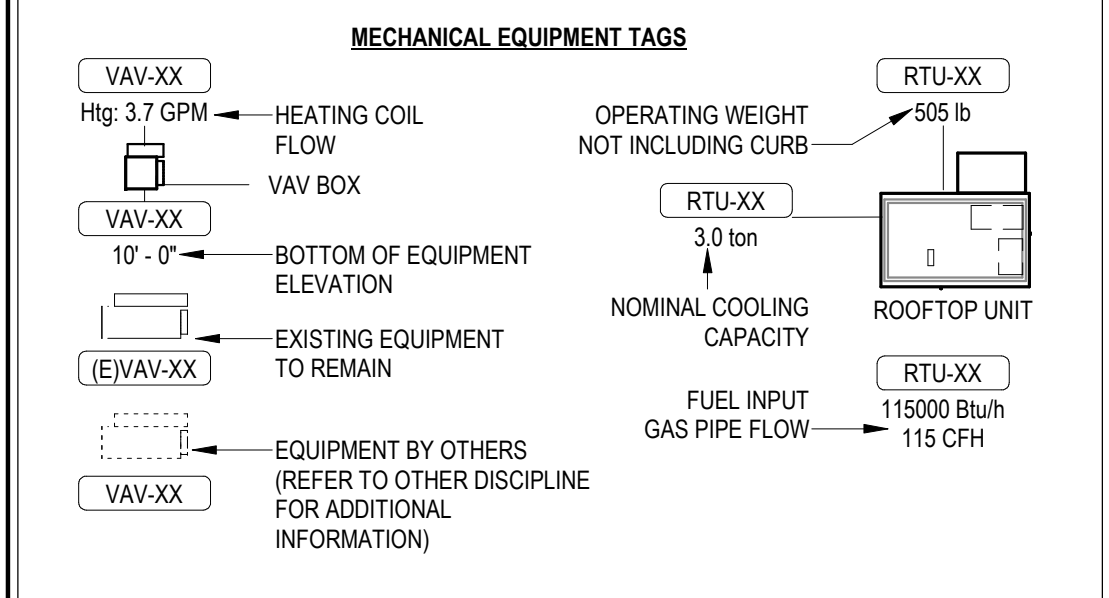
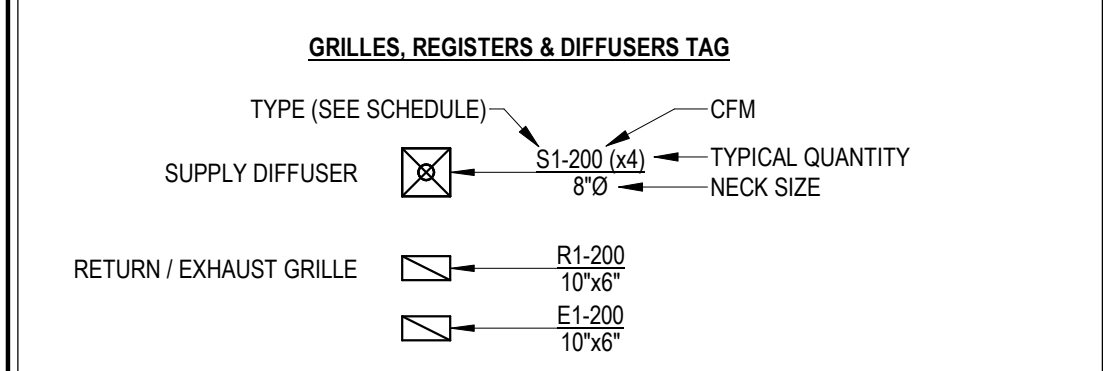
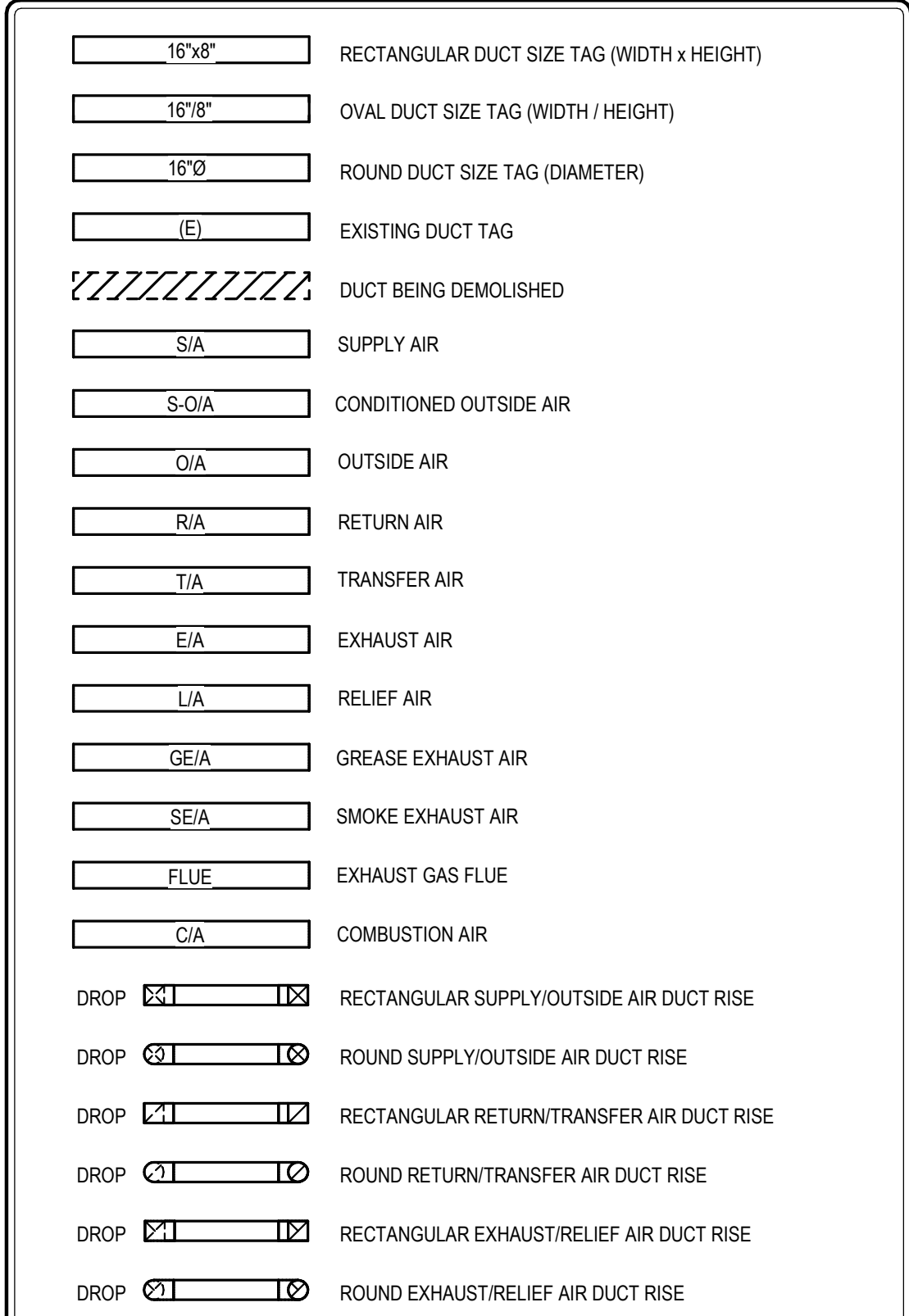
- PROVIDE ALL MATERIALS AND EQUIPMENT AND PERFORM ALL LABOR REQUIRED TO INSTALL COMPLETE AND OPERABLE HVAC SYSTEMS AS INDICATED ON THE DRAWINGS AND AS SPECIFIED.
- ALL WORK SHALL BE INSTALLED ACCORDING TO THE LATEST LOCAL, STATE AND NATIONAL CODES. ALL DUCTWORK SHALL BE INSTALLED ACCORDING TO THE LATEST ASHRAE RECOMMENDATIONS AND SMACNA INSTALLATION MANUALS.
- CONTRACT DOCUMENT DRAWINGS FOR HVAC WORK ARE DIAGRAMMATIC AND ARE INTENDED TO CONVEY SCOPE AND GENERAL ARRANGEMENT ONLY.
- COORDINATE CONSTRUCTION OF ALL HVAC WORK WITH ARCHITECTURAL, STRUCTURAL, CIVIL, PLUMBING, ELECTRICAL WORK, ETC. SHOW ON OTHER CONTRACT DOCUMENT DRAWINGS.
- THE LOCATION AND SIZES OF ALL FLOOR, WALL, AND ROOF OPENINGS SHALL BE COORDINATED WITH ALL OTHER TRADES INVOLVED.
- ALL ROOF MOUNTED EQUIPMENT CURBS FOR MECHANICAL EQUIPMENT SHALL BE FURNISHED BY THE HVAC CONTRACTOR AND INSTALLED BY THE GENERAL CONTRACTOR.
- OPENINGS THROUGH EXISTING WALL, LINTELS FOR LOUVERS, AND WEATHERTIGHT SETTING OF LOUVERS BY GENERAL CONTRACTOR. HVAC CONTRACTOR TO COORDINATE LOCATION WITH GENERAL CONTRACTOR.
- ALL DUCTWORK, PIPING, AND EQUIPMENT SUPPORTED FROM STRUCTURAL STEEL SHALL BE COORDINATED WITH THE GENERAL CONTRACTOR. ALL ATTACHMENTS TO STEEL BAR JOISTS, TRUSSES OR JOIST GIRDERS SHALL BE AT PANEL POINTS. PROVIDE BEAM CLAMPS MEETING MSS STANDARDS. WELDING TO STRUCTURAL MEMBERS SHALL NOT BE PERMITTED. THE USE OF C-CLAMPS SHALL NOT BE PERMITTED.
- ALL PIPING WORK AND DUCTWORK SHALL BE COORDINATED WITH ALL TRADES INVOLVED. OFFSETS IN PIPING AND DUCTS AROUND OBSTRUCTIONS SHALL BE PROVIDED AT NO ADDITIONAL COST TO THE OWNER.
- CERTAIN ITEMS SUCH AS RISERS AND DROPS IN DUCTWORK AND PIPING, ACCESS DOORS, VOLUME DAMPERS, VALVES, ETC. ARE INDICATED ON THE CONTRACT DOCUMENT DRAWINGS FOR CLARITY FOR A SPECIFIC LOCATION REQUIREMENT AND SHALL NOT BE INTERPRETED AS THE EXTENT OF THE REQUIREMENTS FOR THESE ITEMS.
- ALL FINAL GAS CONNECTIONS TO HVAC EQUIPMENT SHALL BE BY PLUMBING CONTRACTOR.
- ALL OPENINGS IN FIRE RATED WALLS DUE TO DUCTWORK, PIPING, CONDUIT, ETC. SHALL BE FIRE STOPPED. PROVIDE FIRE, OR FIRE SMOKE DAMPERS AS REQUIRED. SEE SPECIFICATIONS FOR REQUIREMENTS.
- PROVIDE ACCESS PANELS FOR INSTALLATION IN WALLS AND CEILINGS, WHERE REQUIRED, TO SERVICE DAMPERS, VALVES, SMOKE DETECTORS, AND OTHER CONCEALED HVAC EQUIPMENT. ACCESS PANELS SHALL BE TURNED OVER TO GENERAL CONTRACTOR FOR INSTALLATION.
- ALL MISCELLANEOUS STEEL REQUIRED TO ENSURE PROPER INSTALLATION AND AS SHOWN IN DETAIL FOR PIPING, DUCTWORK, AND EQUIPMENT (UNLESS NOTED OTHERWISE) SHALL BE FURNISHED AND INSTALLED BY THE HVAC CONTRACTOR.
- CONCRETE HOUSEKEEPING PADS TO SUIT HVAC EQUIPMENT SHALL BE SIZED, LOCATED AND INSTALLED BY THE HVAC CONTRACTOR. MINIMUM CONCRETE PAD THICKNESS SHALL BE 4 INCHES FOR INTERIOR EQUIPMENT, 6 INCHES FOR EXTERIOR EQUIPMENT. PAD SHALL EXTEND BEYOND THE EQUIPMENT A MINIMUM OF 4 INCHES ON EACH SIDE.
- PROVIDE VIBRATION ISOLATION FOR ALL MECHANICAL EQUIPMENT TO PREVENT TRANSMISSION OF VIBRATION TO BUILDING STRUCTURE.
- ALL TESTS SHALL BE COMPLETED BEFORE ANY HVAC EQUIPMENT INSULATION OR PIPING INSULATION IS APPLIED.
- ANCHORS, ALIGNMENT GUIDES, EXPANSION LOOPS, EXPANSION JOINS, ETC. SHOWN ON THE DRAWINGS ARE FOR GENERAL REFERENCE. CONTRACTOR SHALL EVALUATE FINAL PIPING LAYOUTS AND EXPANSION REQUIREMENTS AND PROVIDE ALL NECESSARY ITEMS TO ACCOMMODATE PIPE EXPANSION IN THE SYSTEMS. ALL ASSOCIATED COSTS ARE TO BE INCLUDED IN THE CONTRACTOR'S BID. REFER TO SPECIFICATION 23 05 16 - EXPANSION FITTINGS AND LOOPS FOR HVAC PIPING FOR ADDITIONAL REQUIREMENTS.
- PROVIDE INSULATED SUBBASES ON ALL THERMOSTATS/TEMPERATURE SENSORS LOCATED ON EXTERIOR WALLS.
- ALL ROOF MOUNTED EQUIPMENT SHALL BE A MINIMUM 10'-0" FROM EDGE OF ROOF. UNLESS OTHERWISE NOTED, ALL DUCTWORK AND PIPING IS OVERHEAD, TIGHT TO UNDERSIDE OF STRUCTURE OR SLAB, WITH SPACE FOR INSULATION WHERE REQUIRED IN THE SPECIFICATIONS.
- INSTALL EXPOSED PIPING FOR INSULATION WHERE REQUIRED IN THE SPECIFICATIONS.
- FOR DETAILS, EQUIPMENT CONNECTIONS, AND PIPE SIZES NOT SHOWN ON THE PLANS, REFER TO DETAILS, SCHEDULES, AND SPECIFICATIONS.
- COORDINATE ALL EQUIPMENT CONNECTIONS WITH MANUFACTURERS' CERTIFIED DRAWINGS. COORDINATE AND PROVIDE ALL DUCT AND PIPING TRANSITIONS REQUIRED FOR FINAL EQUIPMENT CONNECTIONS TO FURNISHED EQUIPMENT. FIELD VERIFY AND COORDINATE ALL DUCT AND PIPING DIMENSIONS BEFORE FABRICATION.
- INSTALL ALL EQUIPMENT IN ACCORDANCE WITH THE RESPECTIVE MANUFACTURERS' WRITTEN INSTALLATION INSTRUCTIONS, AT A LEVEL OF QUALITY AND WORKMANSHIP CONSISTENT WITH THE SPECIFICATIONS.
- ALL DUCTWORK DIMENSIONS, AS SHOWN ON THE DRAWINGS, ARE INTERNAL CLEAR DIMENSIONS. AA. INLET DUCTWORK TO DIFFUSERS SHALL BE SAME SIZE AS DIFFUSER NECK SIZE UNLESS NOTED OTHERWISE. INLET DUCTWORK TO AIR TERMINAL BOXES SHALL BE SAME SIZE AS BOX INLET UNLESS NOTED OTHERWISE.
- PROVIDE 90 DEGREE ELBOWS WITH DOUBLE RADIUS TURNING VANES UNLESS OTHERWISE INDICATED. ELBOWS IN WET PROCESS EXHAUST SHALL BE UNVANED SMOOTH RADIUS CONSTRUCTION WITH A RADIUS EQUAL TO 1-1/2 TIMES THE WIDTH OF THE DUCT. PROVIDE ACCESS DOORS UPSTREAM OF ALL ELBOWS WITH TURNING VANES.
- COORDINATE DIFFUSER, REGISTER, AND GRILLE LOCATIONS WITH ARCHITECTURAL REFLECTED CEILING PLANS, LIGHTING, AND OTHER CEILING ITEMS AND MAKE MINOR DUCT MODIFICATIONS TO SUIT.
- MAINTAIN A MINIMUM OF 6'-8" CLEARANCE TO UNDERSIDE OF PIPES, DUCTS, CONDUITS, SUSPENDED EQUIPMENT, ETC., THROUGHOUT ACCESS ROUTES IN MECHANICAL ROOMS.
- CAULK SPACE BETWEEN SLEEVES, DUCTS AND PIPES WHERE DUCTS AND PIPES PASS THROUGH WALLS. CAULKING TO BE AIRTIGHT.
- PROVIDE MINIMUM 4" FLEXIBLE CONNECTIONS IN ALL DUCTWORK SYSTEMS (SUPPLY, RETURN, AND EXHAUST) CONNECTED TO AIR HANDLING UNITS, FANS, AND OTHER EQUIPMENT WHICH REQUIRE VIBRATION ISOLATION. FLEXIBLE CONNECTIONS SHALL BE PROVIDED AT THE POINT OF CONNECTION TO THE EQUIPMENT UNLESS OTHERWISE INDICATED.
- RUNS OF FLEXIBLE DUCT SHALL NOT EXCEED 5 FEET AND SHALL NOT BE USED FOR 90 DEGREE BENDS.
- "AUTO-CONTROL" DAMPERS (EXCEPT THOSE FURNISHED WITH AIR HANDLING UNITS) ARE TO BE FURNISHED BY THE BAS CONTRACTOR AND INSTALLED BY THE HVAC CONTRACTOR. ALL OTHER DAMPERS INCLUDING "MOTORIZED DAMPERS" ARE TO BE PROVIDED BY HVAC CONTRACTOR.
- PROVIDE ACCESS DOORS IN DUCTWORK FOR ACCESS TO ALL SMOKE DETECTORS, FIRE DAMPERS, SMOKE DAMPERS, VOLUME DAMPERS, COILS AND OTHER ITEMS LOCATED IN THE DUCTWORK WHICH REQUIRE SERVICE AND/OR INSPECTION.
- INSTALL PIPING SO THAT ALL VALVES, STRAINERS, UNIONS, TRAPS, FLANGES AND OTHER APPURTENANCES REQUIRING ACCESS ARE ACCESSIBLE.
- ALL BALANCING VALVES AND BUTTERFLY VALVES SHALL BE PROVIDED WITH POSITION INDICATORS AND MAXIMUM ADJUSTABLE STOPS (MEMORY STOPS).
- PROVIDE CHAINWHEEL OPERATORS FOR ALL VALVES IN EQUIPMENT ROOMS MOUNTED GREATER THAN 7'-0" ABOVE FLOOR LEVEL. CHAIN SHALL EXTEND TO 7'-0" ABOVE FLOOR LEVEL.
- UNIONS AND/OR FLANGES SHALL BE INSTALLED AT EACH PIECE OF EQUIPMENT, IN BYPASSES, AND IN LONG PIPING RUNS (100 FEET OR MORE) TO PERMIT DISASSEMBLY FOR ALTERATIONS AND REPAIRS.
- PROVIDE VIBRATION ISOLATORS FOR ALL PIPING SUPPORTS CONNECTED TO AND WITHIN 50 FEET OF ISOLATED EQUIPMENT THROUGHOUT MECHANICAL EQUIPMENT ROOMS.
- PROVIDE AN AIR VENT AT THE HIGH POINT OF EACH DROP IN THE HEATING WATER, CHILLED WATER, AND OTHER CLOSED WATER PIPING SYSTEMS. ALL PIPING SHALL GRADE TO LOW POINTS. PROVIDE HOSE END DRAIN VALVES AT THE BOTTOM OF ALL RISERS AND LOW POINTS.
- ALL AIR CONDITIONING CONDENSATE DRAIN LINES FROM EACH AIR HANDLING UNIT SHALL BE PIPED FULL SIZE OF THE UNIT DRAIN OUTLET, WITH P-TRAP, AND PIPED TO NEAREST DRAIN. SEE DETAILS SHOWN ON THE DRAWINGS FOR DEPTH OF CONDENSATE TRAP.
- MAINTAIN A MINIMUM OF 3'-0" OF GROUND COVER OVER ALL UNDERGROUND HVAC PIPING.

HVAC SHEET INDEX	
H000	HVAC LEGENDS
H101	FIRST FLOOR HVAC PLAN
H500	HVAC DETAILS
H600	HVAC SCHEDULES

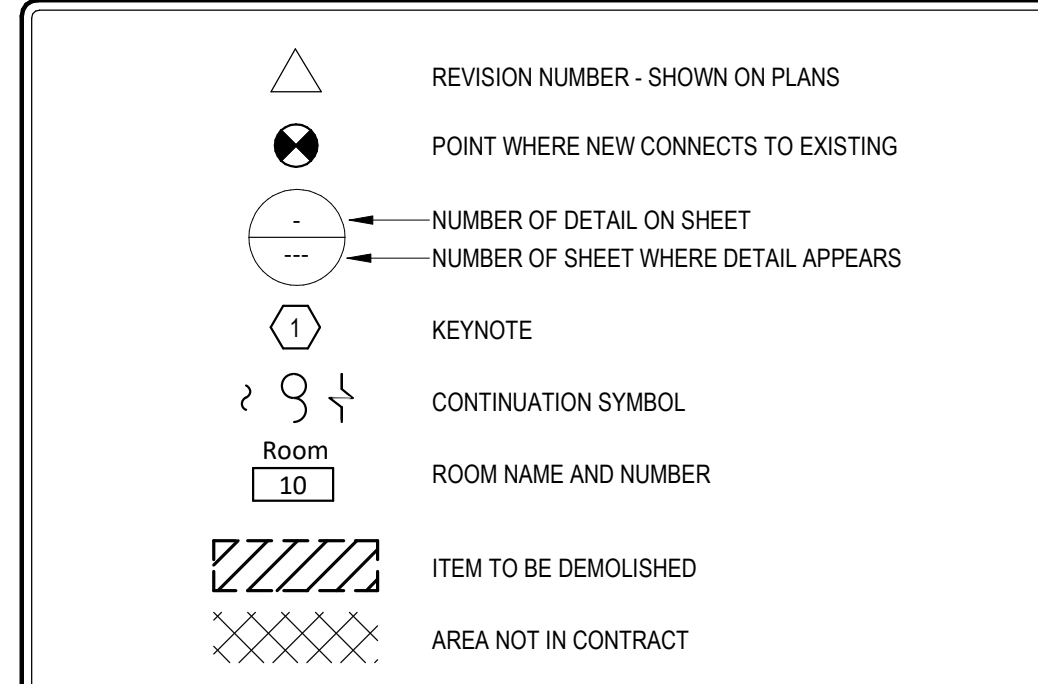
HVAC PIPE TYPES AND SYMBOLS



HVAC DUCT TYPES AND SYMBOLS



GENERAL HVAC SYMBOLS



EQUIPMENT ABBREVIATIONS

AC	AIR CONDITIONING UNIT	EW	ELECTRIC WALL HEATER
ACC	AIR COOLED CONDENSER	FCU	FAN COIL UNIT
ACCU	AIR COOLING CONDENSING UNIT	FP	FIRE PUMP
AHU	AIR HANDLING UNIT	GI	GREASE INTERCEPTOR
AS	AIR SEPARATOR	GRV	GRAVITY ROOF VENTILATOR
B	BOILER	HWP	HEATING WATER PUMP
CH	CHILLER	HX	HEAT EXCHANGER
CT	COOLING TOWER	HRV	HEAT RECOVERY UNIT
CUH	CABINET UNIT HEATER	PRU	POWER ROOF VENTILATOR
CWP	CONDENSER WATER PUMP	RE	RETURN/EXHAUST FAN
CHWP	CHILLED WATER PUMP	RTU	ROOFTOP UNIT
DBP	DOMESTIC WATER BOOSTER PUMP	SEP	SEWAGE EJECTOR PUMP
DC	DUCT MOUNTED COIL	SF	SUPPLY FAN
DCP	DOMESTIC WATER CIRCULATING PUMP	SP	SUMP PUMP
EF	EXHAUST FAN	UH	UNIT HEATER
EDC	ELECTRIC DUCT COIL	WH	WATER HEATER
ET	EXPANSION TANK		

ABBREVIATIONS

A	ABOVE	LVR	LOUVER
ABV	ABOVE	LWT	LEAVING WATER TEMPERATURE
AC	AIR CONDITIONING	M/A	MIXED AIR
AD	AREA DRAIN	MAX	MAXIMUM
ADD	ADDENDUM	MBH	ONE THOUSAND BTU PER HOUR
AFF	ABOVE FINISHED FLOOR	MCF	ONE THOUSAND CUBIC FEET
AFUE	ANNUAL FUEL UTILIZATION EFFICIENCY	MD	MOTORIZED DAMPER
ALT	ALTERNATE	MECH	MECHANICAL
AP	ACCESS PANEL	MFR	MANUFACTURER
ARCH	ARCHITECT/ARCHITECTURAL	MIN	MINIMUM
BFF	BELOW FINISHED FLOOR	MISC	MISCELLANEOUS
BLW	BELOW	MTR	MOTOR
BTU	BRITISH THERMAL UNITS	MUA	MAKEUP/AIR
BTUH	BRITISH THERMAL UNITS PER HOUR	NC	NOISE CRITERIA
CAP	CAPACITY	NC	NORMALLY CLOSED
CB	CATCH BASIN	NIC	NOT IN CONTRACT
CFM	CUBIC FEET PER MINUTE	NO	NUMBER
CEILING	CEILING	NO	NORMALLY OPEN
CO	CLEAN OUT	NTS	NOT TO SCALE
CW	COLD WATER	O	OXYGEN
D	DEGREE	O/A	OUTSIDE AIR
DB	DRY BULB	ORD	OVERFLOW ROOF DRAIN
DIA	DIAMETER	PD	PRESSURE DROP
DOWN	DOWN	PVI	POST INDICATOR VALVE
DW	DISTILLED WATER	PLBG	PLUMBING
EA	EACH	PRESS	PRESSURE
EAT	ENTERING AIR TEMPERATURE	PRV	PRESSURE REDUCING VALVE
ELEC	ELECTRICAL	PSI	POUNDS PER SQUARE INCH
EQUIP	EQUIPMENT	PSIG	POUNDS PER SQUARE INCH GAUGE
EWC	ELECTRIC WATER COOLER	PWR	POWER
EWT	ENTERING WATER TEMPERATURE	R	DUCT RISER
E/A	EXHAUST AIR	R/A	RETURN AIR
EXIST	EXISTING	RCP	RADIANT CEILING PANEL
F	DEGREES FAHRENHEIT	RD	ROOF DRAIN
FCO	FLOOR CLEAN OUT	REC	RECESSED
FD	FLOOR DRAIN	RED	REDUCER
FD	FIRE DAMPER	RH	RELATIVE HUMIDITY
FDV	FIRE DEPARTMENT VALVE	RLA	RELIEF AIR
FL	FLOOR	RM	ROOM
FO	FUEL OIL	RP	RADIANT PIPE
FOV	FUEL OIL VENT	RPM	REVOLUTIONS PER MINUTE
FOR	FUEL OIL RETURN	RTP	RADIANT TAIL PIPE
FOS	FUEL OIL SUPPLY	RW	RAIN WATER
FPM	FEET PER MINUTE	SF	SQUARE FOOT
FS	FLOOR SINK	S/A	SUPPLY AIR
FT	FOOTFEET	SAN	SANITARY
FTR	FIN TUBE RADIATION	SF	SQUARE FOOT
GAL	GALLON	SD	SMOKE DAMPER
GC	GENERAL CONTRACTOR	SM	SURFACE MOUNT
GPM	GALLONS PER MINUTE	SP	STANDPIPE
GW	GREASE WASTE	SP	STATIC PRESSURE
HB	HOSE BIB	STM	STEAM
HP	HORSE POWER	T	THERMOSTAT
HTG	HEATING	TD	TEMPERATURE DROP
HTR	HEATER	TDR	TRENCH DRAIN
HW	HOT WATER	TEMP	TEMPERATURE
HYD	HYDRANT	TYP	TYPICAL
ID	INDIRECT	UG	UNDERGROUND
IN	INCH	VAC	VACUUM
INV	INVERT	V	VENT
LB	POUND	VAV	VARIABLE AIR VOLUME
LB/HR	POUNDS PER HOUR	VENT	VENTILATION
LAT	LEAVING AIR TEMPERATURE	VTR	VENT THROUGH ROOF
LP	LOW PRESSURE	W	WASTE
LPG	LIQUEFIED PETROLEUM GAS	WB	WET BULB
		WCO	WALL CLEAN OUT
		WH	WALL HYDRANT

* NOTE *
ALL OF THE SYMBOLS AND ABBREVIATIONS SHOWN ON THIS SHEET MAY OR MAY NOT BE USED IN THIS SET OF DRAWINGS.

ELECTRICAL SYMBOLS

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	SURFACE LIGHT (TYPE DENOTED)		SPECIAL RECEPT. OR CONN. (SEE SCHEDULE)		FIRE ALARM HORN W/STROBE (88" MH)
	RECESSED LIGHT (TYPE DENOTED)		CIRCUIT BREAKER PANEL		FIRE ALARM BELL (88" MH)
	POLE MOUNTED LIGHT (TYPE DENOTED)		TRANSFORMER (TYPE DENOTED)		FIRE ALARM BELL W/STROBE (88" MH)
	SURFACE LINEAR LIGHT (TYPE DENOTED)		MOTOR (SEE SCHEDULE)		FIRE ALARM STROBE (88" MH)
	SUSPENDED OR PENDANT LIGHT (TYPE DENOTED)		SAFETY DISC. SW. (NON-FUSED)		FIRE ALARM SPEAKER W/STROBE (88" MH)
	RECESSED LINEAR LIGHT (TYPE DENOTED)		SAFETY DISC. SW. (FUSED)		CEILING MTD AUDIO/VISUAL
	STRIP LIGHT (TYPE DENOTED)		CEILING DUAL TECH OCCUPANCY SENSOR		CEILING MTD AUDIBLE
	TRACK AND TRACK LIGHT (TYPES DENOTED)		CEILING PHOTOCCELL		FIRE ALARM REMOTE ANNUNCIATOR
	EMERGENCY BATTERY LIGHT (TYPE DENOTED)		TIME CONTROL SWITCH (TIME SWITCH)		KNOB BOX
	EXIT SIGN (TYPE DENOTED)		HALF-TONE SYMBOL INDICATES EXISTING		FIRE ALARM CONTROL PANEL
	LIGHT FIXTURE ON (EM) LIFE SAFETY BRANCH		DASHED SYMBOL INDICATES REMOVED		SMOKE DETECTOR (TYPE DENOTED)
	LIGHT FIXTURE ON (EM) CRITICAL BRANCH		SWITCHED CIRCUIT		HEAT DETECTOR (TYPE & TEMP DENOTED)
	SINGLE POLE SW. (46" MH, TYPICAL)		UNSWITCHED CIRCUIT		DUCT SMOKE DETECTOR (TYPE DENOTED)
	3-WAY SW.		CIRCUIT HOMERUN		F.A. RELAY
	4-WAY SW.		UNDERGROUND		F.A. DOOR HOLDER
	KEYED SW.				SPRINKLER FLOW SWITCH
	LOW VOLTAGE DIMMER SWITCH				SPRINKLER VALVE TAMPER SWITCH
	PUSH BUTTON				GAP
	SINGLE RECEPT.				KEYED NOTE (SEE SCHEDULE)
	DUPLEX RECEPT. (18" MH UNO)				RELAY OVERRIDE SWITCH, M IS MASTER, SEE DETAILS (ZONE CONTROLLED)
	SPLIT DUPLEX RECEPT.				
	QUADRAPLEX RECEPT.				
	FLOOR RECEPT. (DUPLEX SHOWN)				
	RECEPT ON CORD REEL (DUPLEX SHOWN)				
	JUNCTION BOX				

RECEPTACLE SUBSTITUTES:
 AV AV RECEPTACLE
 CM CEILING MTD
 GF GROUND FAULT INTERRUPTER SMA
 PROJ PROJECTOR, SEE TECH DWGS FOR LOCATION AND MH
 T TAMPER RESISTANCE
 TO TEACHERS RECEPTACLE
 TV TV RECEPTACLE, SEE TECH DWGS FOR LOCATION AND MH
 USB COMBINATION DUPLEX/USB RECEPTACLE, 3.1A AMP USB
 WP WEATHERPROOF "IN USE" WITH GFI.

ELECTRICAL GENERAL NOTES

- GENERAL NOTES APPLY TO ALL SHEETS.
- THE PLANS ARE INTENDED TO COMPLY WITH FEDERAL, STATE, AND LOCAL CODES, GUIDELINES, AND REGULATIONS, AS WELL AS THE HEALTHCARE FACILITIES GUIDELINES AND JOINT COMMISSION STANDARDS (FOR HEALTHCARE PROJECTS). THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH ALL OF THE PLANS AND SPECIFICATIONS, NOT SOLELY THOSE OF THEIR TRADE.
- SEE THE ARCHITECTURAL PLANS FOR A LEGEND OF WALL PARTITION TYPES. PROVIDE A UL RATED FIRESTOPPING ASSEMBLY TO MEET THE RATING OF THE WALLS REQUIRING SUCH. SEE DETAILS AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- THE CONTRACTOR SHALL LAY OUT AND COORDINATE ALL LINES, LEVELS, ELEVATIONS, AND MEASUREMENTS FOR ALL THE WORK, AND NOTIFY THE ENGINEER OF DISCREPANCIES AND CONFLICTS BEFORE PROCEEDING WITH INSTALLATION OR EXCAVATION. REFER TO ARCHITECTURAL PLANS AND ELEVATIONS FOR THE EXACT LOCATIONS AND QUANTITIES OF DEVICES.
- IN THE EVENT OF INCONSISTENCY OR CONFLICT WITHIN THE CONTRACT DOCUMENTS, THE CONTRACTOR SHALL PROVIDE THE BETTER QUALITY OR GREATER QUANTITY OF WORK AND COMPLY WITH THE STRICTER REQUIREMENT.
- REFER TO ARCHITECTURAL ELEVATIONS FOR DEVICE LOCATIONS AND MOUNTING HEIGHTS WHEN LOCATED AT OR ABOVE CASEWORK. COORDINATE EXACT DEVICE LOCATIONS PRIOR TO ROUGH-IN AND INSTALLATION. COORDINATE MOUNTING HEIGHTS WITH DEVICES OF OTHER TRADES IF NOT ELEVATED.
- SEE ARCHITECTURAL ELEVATIONS FOR ALL WALL MOUNTED DEVICES (I.E. HAND DRYERS, PHONES, ETC). COORDINATE LOCATIONS IN FIELD FOR EXACT PLACEMENT. RECEPTABLES IN ROOMS WITH SINKS ARE NOTED AS "GF" WHERE WITHIN SIX FEET OF A WATER SOURCE. IF RECEPTABLES SHOWN WITHOUT "GF" ARE LOCATED CLOSER TO SINK, GROUND FAULT MUST BE ADDED TO THE DEVICE. ARCHITECTURAL ELEVATIONS SHALL TAKE PRECEDENCE. EC TO COORDINATE ALL OUTLETS LOCATED ABOVE SINKS AND COUNTERTOPS WITH ARCHITECTURAL ELEVATIONS OF THE RESPECTIVE AREA AND ALL OTHER TRADES. IF NO ELEVATION EXISTS, LOCATE RECEPTABLES TO AVOID ALL MIRRORS, DEVICES, ETC. LOCATED ON BACK WALL OF SINK. DO NOT MOUNT ANY OUTLETS DIRECTLY OVER SINKS.
- COORDINATE EXACT LOCATIONS OF LIGHTING FIXTURES TO BE INSTALLED IN MECHANICAL ROOMS WITH OTHER TRADES AND BUILDING CONDITIONS.
- ALL FIRE ALARM STROBE LIGHTS SHALL BE SYNCHRONIZED (INCLUDING ROOMS WHERE THERE ARE OPERABLE PARTITIONS OR DOORS ON HOLD OPENS).
- FURNISH AND WIRE ALL DUCT SMOKE DETECTORS, INSTALL AS SHOWN ON DRAWINGS. FIA VENDOR SHALL COORDINATE WITH HC ON ALL LOCATIONS OF SMOKE DAMPERS PRIOR TO SUBMITTAL (AS LOCATIONS AND QUANTITIES MAY VARY DEPENDING ON HC ROUTING).
- FRONT FLUSH MOUNTED PANEL BOARDS, PROVIDE 1 SPARE 3/4" CONDUITS FOR EVERY 3 SPARE CIRCUIT BREAKERS OR PROVISIONAL SPACES OUT TO ABOVE ACCESSIBLE CORRIDOR CEILING SPACE. PROVIDE 1/4" THICK STEEL PLATE TO BACK OF ELECTRICAL PANELS. THE OVERALL DIMENSION OF THE PLATE IS TO BE THE SIZE OF THE ELECTRICAL PANEL. COORDINATE WALL THICKNESS FOR PANELBOARDS WITH ARCHITECT AND GC.
- ALL RECEPTABLES CIRCUITED TO "C", "E" AND "L" SERIES PANELS (ANY PANEL WITH DESIGNATION WHICH STARTS WITH THE LETTER "C", "E" AND "L" SHALL BE RED IN COLOR UNO IN SPECIFICATIONS).
- ALL EXTERIOR BUILDING-MOUNTED RECEPTABLES SHALL BE WEATHER RESISTANT, GROUND FAULT INTERRUPT UNLESS SPECIFIED OTHERWISE.
- THE ELECTRICAL CONTRACTOR SHALL PROVIDE ONE EXTRA EXIT SIGN AND 50' OF 3/4" CONDUIT AND WITH (2) #10'S AND #10 GND AS PART OF THEIR BID FOR ADDITIONAL EXIT SIGNS THAT MAY BE REQUIRED BY FIELD AHJ WALK-THRU.
- LIGHT FIXTURES REFER TO APPROXIMATE LOCATIONS. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS AND ELEVATIONS FOR EXACT LOCATION OF FIXTURES. EXTERIOR MOUNTING HEIGHTS INDICATED ON PLANS ARE FOR REFERENCE ONLY. COORDINATE ALL HEIGHTS AND LOCATIONS WITH ARCHITECT PRIOR TO ROUGH-IN.
- ALL EMERGENCY LIGHTING FIXTURES, NIGHT LIGHTS, EXITS SIGNS, AND GDS SHALL BE CONNECTED TO UNSWITCHED LEGS OR THROUGH AN EMERGENCY LIGHTING SPECIFIC RELAY CIRCUIT, UNLESS NOTED OTHERWISE. LIGHT FIXTURES CONNECTED TO A LIFE SAFETY BRANCH CIRCUIT ARE TO HAVE A "GLR" IN LINE FUSE UNO.
- COORDINATE ALL TASK LIGHTING WITH CASEWORK CONTRACTOR PRIOR TO ROUGH-IN. SEE ARCHITECTURAL ELEVATIONS FOR FIXTURE LOCATIONS AND MOUNTING DETAILS.
- REFER TO POWER PLANS FOR ACTUAL PANEL LOCATION. GENERAL LOCATION OF PANELS MAY BE SHOWN ON LIGHTING PLAN FOR REFERENCE.
- ALL CABLE CONNECTIONS TO GROUND RODS, STRUCTURAL STEEL, OR REINFORCING STEEL SHALL BE BY CADWELD, THERMOWELD OR HELIARC WELDING PROCESS. SEE DIV 26 GROUNDING SPECIFICATION.
- THIS CONTRACTOR SHALL COORDINATE WITH OTHER TRADES. SPACE EXTING BUILDING MAY HAVE STORM/WATER AND POWER CONDUITS. COORDINATION DRAWINGS SHALL BE DONE AND APPROVED PRIOR TO INSTALLATION AND SHALL SHOW BUILDING FOOTERS, ALL PIPING, ETC.
- SEAL ALL CONDUITS AND AT FIRE WALLS. ALSO, SEAL CONDUITS BETWEEN EXTERIOR SPACES AND INTERIOR SPACES, CONDUITS THAT ENTER WALK-IN COOLERS/FREEZERS, OR CONDUITS BETWEEN SPACES THAT ARE JUST HEATED VS HEATED AND COOLED.
- PROVIDE 4" HOUSEKEEPING PADS FOR ALL EQUIPMENT THAT IS FLOOR SET UNO.
- VERIFY ALL EQUIPMENT CONNECTION LOCATIONS WITH SUPPLIER PRIOR TO ROUGH-IN AS EQUIPMENT MAY CHANGE. INTERLOCK CONTROL WIRING FOR EQUIPMENT WITH EQUIPMENT SERVED (MOTORIZED LOUVERS AND SHAFT FANS WITH GENERATOR START CONTROLS) SHALL BE BY EC UNO.
- COORDINATE ALL MOUNTING HEIGHTS BETWEEN ALL TRADES. COORDINATE PANEL LOCATION WITH PCHC/FPC TO ENSURE NO FOREIGN SYSTEMS ARE WITHIN 6" OF THE TOP OF THE PANEL PER NEC 110. AND PIPING BEYOND 6" ABOVE PANELS ARE REQUIRED TO BE SLEEVED.
- PROVIDE FACERLATES FOR ALL OUTLET COVERS LISTED WITH PANEL AND CIRCUIT NUMBERS. ALL EMERGENCY OUTLETS SHALL BE SUPPLIED WITH RED COVER PLATE AND UPS SHALL BE BLUE. ALL NORMAL RECEPTABLES SHALL BE SUPPLIED WITH COVER PLATE MATCHING DEVICE COLOR. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
- COORDINATE ALL LIGHT SWITCHES, ELECTRICAL PANELS, AND OTHER ELECTRICAL EQUIPMENT LOCATIONS WITH HVAC, FPC, AND PLUMBING CONTRACTORS PRIOR TO ROUGH-IN. VERIFY SPACE FOR EQUIPMENT THROUGH COORDINATION DRAWINGS. ALL WALLS THAT HAVE MULTIPLE DEVICES (RECEPTABLES, DATA, LIGHT SWITCHES, THERMOSTATS, FIRE ALARM DEVICES, ETC) SHALL BE ALIGNED. RECEPTABLES SHALL BE MOUNTED AT THE SAME HEIGHT AS DATA OUTLETS IF NOT SHOWN ON THE ARCHITECTURAL ELEVATIONS. MOUNT ALL DATA OUTLETS AND RECEPTABLES AT SAME HEIGHTS AND CLOSE TO ONE ANOTHER WHENEVER POSSIBLE (ALLOWING FOR SPACE FOR LARGER COVERLATES).
- EC TO HARD PIPE ALL LIFE SAFETY CIRCUITS ("L" PREFIX PANELS). NO FLEXIBLE RACEWAY TO BE USED (EXCEPT TO CEILINGS AND MOVING EQUIPMENT WITHIN THE ROOM). CRITICAL BRANCH PANELS ("C" PREFIX) AND LIFE SAFETY CIRCUITS SHALL NOT SHARE WIRING WITH ANY EQUIPMENT, OPTIONAL, OR NORMAL POWER SYSTEMS. OUTPUT WIRING FROM 20A GDS SHALL BE CLASSIFIED AS LIFE SAFETY. (FOR INTERIOR OR EXTERIOR LIGHTING CIRCUITS).
- OBtain SITE SPECIFIC CUT SHEETS FOR OWNER FURNISHED EQUIPMENT. PROVIDE POWER CIRCUIT AND CONNECTIONS AS SHOWN ON DRAWINGS.
- EC TO REFERENCE ARCHITECTURAL PLANS FOR RECEPTACLE HEIGHTS PRIOR TO ROUGH-IN.
- SPECIAL RECEPTABLES IN DATA ROOMS ARE TO BE NEMA 16-20R (UNO). VERIFY LAYOUT WITH RACKS AND EQUIPMENT. COORDINATE MOTORIZED DOOR OPERATORS WITH ARCHITECTURAL DRAWINGS.
- PROVIDE POWER TO ALL MECHANICAL/PLUMBING EQUIPMENT THAT REQUIRES POWER. THIS INCLUDES ANY VENDOR SPECIFIC ADDITIONAL EQUIPMENT THAT IS NOT SHOWN. POWER SHALL BE SOURCED TO MATCH THE REST OF THE SYSTEMS BRANCH REQUIREMENTS (FROM LIKE PANELS. IF "C" PANEL FED HEADEND, THEN "C" SHALL FEED ADDITIONAL EQUIPMENT) UNO. COORDINATE ALL EQUIPMENT LUGS WITH SAID CONTRACTOR PROVIDING EQUIPMENT. EQUIPMENT IS ASSUMED TO BE PROVIDED WITH LUGS TO CONNECT TO WIRING PROVIDED ON THESE DRAWINGS.
- ANY DAMAGE CAUSED BY THIS CONTRACTOR'S SCOPE OF WORK SHALL BE THIS CONTRACTOR'S RESPONSIBILITY.
- DO NOT SCALE PLANS WHEN DIMENSIONS EXIST OF EQUIPMENT. ANY DISCREPANCIES IN DIMENSIONS SHALL BE NOTED AT IN SUBMITTALS. PROVIDE RFI WHEN SPACE DOES NOT ALLOW FOR INSTALLATION (AT TIME OF SUBMITTAL).
- ALL EQUIPMENT LOCATIONS ARE APPROXIMATE. COORDINATE EXACT LOCATION IN FIELD.
- THIS CONTRACTOR SHALL BE REQUIRED TO COORDINATE ALL LOCATIONS OF ALL DEVICES, PIPING, CONDUITS, DUCTS, CLEARANCES, ETC. WITH ALL OTHER TRADES. HVAC, STORM AND SANITARY PIPING SHALL HAVE RIGHT OF WAY FOR SLOPE AND SPACE REQUIREMENTS. ALL DEVICES THAT REQUIRE WORK FROM OTHER TRADES (THE FOLLOWING IS AN EXAMPLE BUT NOT A COMPLETE LIST) EQUIPMENT, DEVICES, SMOKE DETECTORS, SMOKE DAMPERS, ETC. SHALL BE COORDINATED WITH OTHER TRADES PRIOR TO INSTALLATION. SEE SPECIFICATIONS FOR PHASING REFERENCES.
- COORDINATE ALL CEILING INSTALLATIONS DEVICES WITH CEILING TILE SUPPLIER. INSTALL DEVICES ON QUARTER POINTS IF SCORE TILE IS INSTALLED. INSTALL MULTIPLE DEVICES IN ONE TILE WHERE POSSIBLE (TO LIMIT THE NUMBER OF INACCESSIBLE TILES) AND SHALL BE COORDINATED IN FIELD WITH VENDORS. THIS SHALL INCLUDE, BUT NOT LIMITED TO: SPRINKLER HEADS, SPEAKERS, FIA DEVICES, LIGHTING CONTROLS, ETC.
- REFER TO SPECIFICATIONS FOR VOLTAGE DROP REQUIREMENTS AS THEY ARE DIFFERENT FROM THE NEC MINIMUMS.
- CABLE TRAY SHALL BE USED FOR VOICE AND DATA CABLING ONLY. CENTRAL SOUND, VIDEO, AND ALL OTHER CABLING SHALL BE RUN IN SEPARATE AND INDEPENDENT J-HOOK STRAPS AND NOT IN THE CABLE TRAY.
- PROVIDE TWO (2) 2" CONDUIT SLEEVES ABOVE THE ENTRY DOOR OF EACH ROOM FOR VOICE, DATA, AND ALL OTHER CABLING.
- EC IS REQUIRED TO WALK THRU WITH OWNER TO VERIFY ALL DEVICE LOCATIONS AFTER INSTALLATION OF STUDS BEFORE ANY CONDUIT OR BOXES INSTALLED (PER ROOM TYPE).
- SEE VIDEO IMAGING SITE SPECIFIC DRAWINGS FOR ALL CLIENT CONTRACTOR WORK REQUIRED, RACEWAY BOXES, CABLES, ETC.
- SEE SITE SPECIFIC DRAWINGS FOR ALL CLIENT CONTRACTOR WORK REQUIRED, RACEWAY BOXES, CABLES, ETC.
- VERIFY ALL OWNER PROVIDED AND RELOCATED ITEMS/EQUIPMENT IN FIELD. REFER TO SITE SPECIFIC DRAWINGS WHERE POSSIBLE.
- ALL TRENCH WIDTHS ARE SHOWN FOR ITEMS ONLY. ANY REQUIREMENTS FOR SLOPING WALLS OR TO MAKE WIDER FOR CODES/WORKING SAFETY ARE BY THE CONTRACTOR.
- MAINTAIN 18" SEPARATION BETWEEN CONDUITS OF MEDIUM VOLTAGE AND LOW VOLTAGE.
- THE ELECTRICAL CONTRACTOR SHALL ALSO INCLUDE ROUGH-INS (CONDUIT WITH PULL-STRINGS) FOR THERMOSTATS AND OTHER HVAC WALL MOUNTED CONTROL DEVICES. REFER TO MECHANICAL PLANS AND COORDINATE WITH THE CONTROLS CONTRACTOR.
- PROVIDE ROUGH IN OF ALL TECHNOLOGY DEVICES SHOWN ON THE POWER AND TECHNOLOGY PLANS.
- WHERE ROOMS ARE PRESSURE SENSITIVE, INTERIOR OF CONDUITS SHALL BE SEALED AS WELL AS EXTERIOR PENETRATIONS THRU WALL.
- LIGHTING CONTROL SYSTEM STARTUP AND COMMISSIONING SHALL BE BY THE LIGHTING CONTROL MANUFACTURER. ANY DAYLIGHT HARVESTING SYSTEMS (WHEN INSTALLED), SHALL BE PROVIDED TO SPECIFICATIONS. ANY CHANGES WILL BE THE RESPONSIBILITY OF THE CONTRACTOR FOR A COMPLETE AND FUNCTIONING SYSTEM MATCHING EXISTING DESIGN INTENT.
- THE EC SHALL COORDINATE NEW SERVICE WITH UTILITY(S) ONCE THE CONTRACTOR HAS BEEN AWARDED. A SCHEDULE SHALL BE SET TO DETERMINE THE WORK REQUIRED BY THE UTILITY(S). NEW/CHANGE OF SERVICE SHALL BE FILED BY THE CONTRACTOR. THE ARCHITECT/OWNER/ENGINEER SHALL PROVIDE LOAD BREAKDOWNS, ACCOUNT INFORMATION, ETC AS REQUIRED TO APPLY FOR NEW/CHANGE OF SERVICE AS NOTED ON DRAWINGS. ANY UTILITY INFORMATION SHOWN ON DRAWINGS IS APPROXIMATE AND SUBJECT TO CHANGE. ENGINEER MAY COORDINATE INTENT WITH UTILITY (DUE TO MOST UTILITIES HAVING A 6 MONTH EXPIRATION ON ANY REQUESTS).

ELECTRICAL PHASING GENERAL NOTES

- PROVIDE A LIST OF SHUTDOWNS. ALL SHUTDOWNS NEED TO BE APPROVED 2 WEEKS PRIOR BY THE OWNER UNO. ALL SHUTDOWNS REQUIRE A MOP (METHOD OF PROCEDURE) DOCUMENT GENERATED BY THE CONTRACTOR WITH DESCRIPTIONS OF THE ACTIVITIES AND DURATIONS OF EACH EVENT, POINT OF NO RETURN, AND TOTAL DURATION OF THE SHUTDOWN. THIS MUST BE APPROVED BY THE OWNER AND ENGINEER 30 DAYS PRIOR TO SHUTDOWN.
- E.C. SHALL DISCONNECT ALL POWER TO EQUIPMENT OF OTHER TRADES DESIGNATED FOR DEMOLITION OR RELOCATION. COORDINATE ALL WORK REQUIRED WITH CONTRACTORS OF OTHER TRADES. IN SUCH CASES WHERE THE EQUIPMENT IS BEING REMOVED, E.C. SHALL REMOVE ALL ASSOCIATED WIRING, CONDUIT, AND BOXES BACK TO SOURCE. TURN OVER ALL REMOVED ELECTRICAL EQUIPMENT TO OWNER.
- REFER TO ARCHITECTURAL PHASING PLANS FOR SCHEDULE OF WORK.
- EXISTING LIGHTING TO REMAIN IN OPERATION THRU ALL PHASES OF CONSTRUCTION.
- RECONNECT ALL EXISTING AND RELOCATED DEVICES AND EQUIPMENT TO ORIGINAL PANEL UNLESS OTHERWISE NOTED ON PLANS. RECONFIGURE AND EXTEND CIRCUIT AS NECESSARY. PROVIDE OWNER WITH UPDATED, TYPED PANEL SCHEDULE.
- POWER TO EXISTING HVAC EQUIPMENT, VAV BOXES, AND HEATERS (UNIT OR OTHERWISE) TO REMAIN IN OPERATION DURING COLD MONTHS OF CONSTRUCTION. IF ANY HEATING UNITS/SYSTEMS ARE REMOVED OR TURNED OFF, CONTRACTOR MUST PROVIDE TEMPORARY HEATING TO ENSURE PIPES TO NOT FREEZE.
- COORDINATE ALL CEILING REPLACEMENTS WITH ARCHITECTURAL PLANS FOR LOCATION OF CEILING REPLACEMENTS. DEMOLITION OF FIXTURES SHALL BE SIMILAR TO SPACES NOTED. DEMOLISHED CEILING SHALL HAVE ALL DEVICES PROTECTED AND REINSTALLED TO NEW CEILINGS. LIGHTING SHALL BE REMOVED AND REPLACED WITH NEW FIXTURES AS NOTED OR WITH SIMILAR TYPE FOR CEILING. CURRENTLY ALL CEILINGS ARE NOT SHOWN ON ELECTRICAL PLANS. LIGHT FIXTURES SHALL BE CONNECTED BACK TO THE SAME CIRCUIT/SWITCHING UNO. WHERE NEW CIRCUITING IS SHOWN USING LESS CIRCUITS THAN EXISTED PREVIOUSLY, UNUSED CIRCUITS SHALL BE DEMOLISHED BACK TO LAST USED DEVICE OR BREAKER. UPDATE PANEL SCHEDULES AS REQUIRED WITH NEW TYPE WRITTEN SCHEDULES.
- THIS CONTRACTOR WILL BE RESPONSIBLE FOR THEIR CUTTING AND PATCHING AND HIRING A QUALIFIED CAPRENTER/CONTRACTOR TO PERFORM SAID CUTTING AND PATCHING.
- BUILDING IS REQUIRED TO BE OPEN FOR BUSINESS DURING OWNER'S NORMAL WORK SCHEDULE. THIS CONTRACTOR SHALL PROVIDE ANY PROTECTION REQUIRED FOR THE SAFETY OF OCCUPANTS WORKING IN RENOVATED AREAS. SHUTDOWNS WILL BE DONE AT NIGHT OR WEEKENDS (OUTSIDE OF OWNER'S NORMAL BUSINESS HOURS UNLESS OWNER APPROVED). SERVICES SHALL BE RESTORED BY NEXT BUSINESS DAYS OPERATING HOURS PLUS ANY TIME THE OWNER NEEDS TO VERIFY ALL SYSTEMS ARE RESTORED. EXTENDED (LONG) SHUTDOWNS/OUTAGES SHALL BE PLANNED OVER LONGER WEEKENDS (HOLIDAYS) OR BREAKS (IF APPLICABLE).
- EC SHALL DISCONNECT ALL POWER TO EQUIPMENT OF OTHER TRADES DESIGNATED FOR RELOCATION. COORDINATE ALL WORK REQUIRED WITH CONTRACTORS OF OTHER TRADES.
- COORDINATE PHASING OF EQUIPMENT OF OTHER TRADES WITH SPECIFIC CONTRACTORS AND GC. PERFORM ELECTRICAL WORK ASSOCIATED WITH EQUIPMENT AS REQUIRED BY PHASING PLAN BY OTHERS. EC SHALL ALSO COORDINATE WITH THEIR SUPPLIERS/VENDORS ON ANY PHASING TO ENSURE COSTS ARE IN BID (MULTIPLE STARTUPS, EXTRA COMPONENTS TO ALLOW FOR PARTIAL OPERATION, ETC).
- COORDINATE ALL PHASING IN FIELD. WORK THAT CAUSES SERVICE DISRUPTIONS SHALL ONLY BE DONE DURING OFF HOURS. ALL SHUTDOWNS SHALL BE FIELD AND APPROVED BY OWNER PRIOR TO WORK PERFORMED (ALLOW TWO WEEKS FOR OWNER TO APPROVE SUBMITTALS).
- COORDINATE PHASING OF EQUIPMENT OF OTHER TRADES WITH SPECIFIC CONTRACTORS AND GC. PERFORM ELECTRICAL WORK ASSOCIATED WITH EQUIPMENT AS REQUIRED BY PHASING PLAN BY OTHERS.
- THIS CONTRACTOR SHALL SUBMIT A PRELIMINARY SCHEDULE WITH BID FOR PHASING WORK INDICATING MAJOR SHUTDOWNS PLANNED AND A GENERAL CONSTRUCTION TIMEFRAME. ANY AREAS WHERE FAILURE TO MAKE A SHUTDOWN WOULD CAUSE PROJECT EXTENSION SHALL BE NOTED TO THE COORDINATING CONTRACTOR. THE ELECTRICAL CONTRACTOR SHALL ALSO PROVIDE A DETAILED PHASED SCHEDULE WORKING WITH THE OTHER CONTRACTORS TO DERIVE AN OVERALL PROJECT SCHEDULE.
- ANY PHASING DOCUMENTS PROVIDED (ARCHITECTURALLY, MECHANICALLY, ETC AS PART OF THE BID SET) SHALL BE CONSIDERED PART OF THE ELECTRICAL CONTRACTORS DRAWINGS. REFER TO PHASING DOCUMENTS AS PART OF COORDINATION AND INSTALLATION OF WORK. ANY PHASING SCHEDULES AND OUTLINE NOTES ARE TO ASSIST THE CONTRACTOR IN THEIR BID TO HELP DETERMINE SHUTDOWNS (AND ANY ROUGH OUTLINE NOTES). METHOD OF PROCEDURES SHALL BE SUBMITTED WITH IDENTIFICATION OF EQUIPMENT, FLOORS, ETC IN THE OUTAGE TO THE OWNER AND ENGINEER FOR REVIEW AND OWNER APPROVAL. PHASING MAY BE ADJUSTED BUT MUST BE DOCUMENTED AND SIGNED OFF BY ALL TRADES, OWNER, AND ENGINEER. CONTRACTORS SHALL WORK TO DETERMINE A FULL PHASED SCHEDULE BASED ON EQUIPMENT ARRIVAL TO MEET THE FINAL FINISH DATE. SEE SPECIFICATION FOR ADDITIONAL REQUIREMENTS ON METHOD OF PROCEDURES.

ELECTRICAL ABBREVIATIONS LIST

1P	1 POLE (2P, 3P, 4P, ETC.)	DCP	DOMESTIC WATER CIRCULATING PUMP	HT	HEIGHT	NEMA	NATIONAL ELECTRICAL MANUFACTURER'S ASSOCIATION	SWBD	SWITCHBOARD
AC	AMPERE	DEPT	DEPARTMENT	HTG	HEATING	NFDS	NON-FUSED SAFETY DISCONNECT SWITCH	SYM	SYMMETRICAL SYSTEM
ACLG	ABOVE CEILING	DET	DETAIL	HTR	HEATER	NIC	NOT IN CONTRACT	TEL	TELEPHONE
ADD	AUTOMATIC DOOR OPENER	DIA	DIAMETER	HV	HIGH VOLTAGE	NI	NIGHT LIGHT	TERM	TERMINAL
AF	AMP FRAME	DISC	DISCONNECT DISTRIBUTION	HVAC	HEATING, VENTILATING AND AIR CONDITIONING	N.O.	NORMALLY OPEN	TL	TWIST LOCK
AFB	ABOVE FINISHED FLOOR	DN	DOWN	HWP	HYDRONIC WATER PUMP	NPF	NORMAL POWER FACTOR	T	TAMPER RESISTANT
AFG	ABOVE FINISHED GRADE	DRP	DAMPER	IC	ISOLATED GROUND	NTS	NOT TO SCALE	T-STAT	THERMOSTAT
AFI	ARC FAULT CIRCUIT INTERRUPTER	DS	SAFETY DISCONNECT SWITCH	IG	INTERMEDIATE METAL CONDUIT	OH	OVERHEAD	TTC	TELEPHONE TERMINAL CABINET
AHJ	AIR HANDLING UNIT	DT	DOUBLE THROW	IMC	INTERMEDIATE METAL CONDUIT	OV	OVERLOADS	TV	TELEVISION
AL	ALUMINUM	DWG	DRAWINGS	INCAND	INCANDESCENT	TYTC	TELEVISION TERMINAL CABINET	UP	UNDER PNEUMATIC
ALT	ALTERNATE	E	EXISTING TO REMAIN	IR	INFRARED	PA	PUBLIC ADDRESS	UC	UNDERGROUND ELECTRICAL
AMP	AMPERE	EC	ELECTRICAL CONTRACTOR	IW	INTERLOCK WITH JUNCTION BOX	PB	PULL BOX OR PUSHBUTTON	UG	UNDERGROUND
AMPL	AMPLIFIER	ELEC	ELECTRIC, ELECTRICAL	J-BOX	JUNCTION BOX	PE	PNEUMATIC ELECTRIC	UH	UNIT HEATER
ANUN	ANNUNCIATOR	ELEV	ELEVATOR	KV	KILOVOLT	PED	PEDESTAL	UNO	UNLESS NOTED OTHERWISE
APPROX	APPROXIMATELY	EM	EMERGENCY	KVA	KILOVOLT-AMPERE	PF	POWER FACTOR	UT	UNDERGROUND TELEPHONE
AQ-STAT	AQUASTAT	EMS	ENERGY MANAGEMENT SYSTEM	KVAR	KILOVOLT-AMPERE REACTIVE	PH	PHASE	UV	UNIT VENTILATOR OR ULTRAVIOLET
ARCH	ARCHITECT, ARCHITECTURAL	EMT	ELECTRICAL METALLIC TUBING	KW	KILOWATT	PIV	POST INDICATING VALVE	UJ	UTILITY
AS	AMP SWITCH	EP	ELECTRIC PNEUMATIC EQUIPMENT	KWH	KILOWATT HOUR	PNL	PANEL	V	VOLT
AT	AMP TRIP	EQUIP	EQUIPMENT	LOC	LOCATE OR LOCATION	PP	POWER POLE	V	VOLT
ATS	AUTOMATIC TRANSFER SWITCH	EWC	ELECTRIC WATER COOLER	LT	LIGHT	PR	PAIR	VA	VOLT-AMPERES
AUTO	AUTOMATIC	EX	EXISTING	LNG	LIGHTING	PRJ	PRIMARY	VD	VIDEO DISPLAY TERMINAL
AUX	AUXILIARY	EXH	EXHAUST	LTNG	LIGHTNING	PRV	PROJECTION	VFD	VARIABLE FREQUENCY DRIVE
AV	AUDIO VISUAL	EXP	EXPLOSION PROOF	LV	LOW VOLTAGE	PT	POTENTIAL TRANSFORMER	VOL	VOLUME
AWG	AMERICAN WIRE GAUGE	FABP	FIRE ALARM BOOSTER POWER SUPPLY PANEL	MAX	MAXIMUM	PVC	POLYVINYL CHLORIDE (CONDUIT)	W	WATT
BATT	BATTERY	FACP	FIRE ALARM CONTROL PANEL	MAG S	MAGNETIC STARTER	QUN	QUANTITY	WG	WIRE GUARD
BLDG	BUILDING	FCU	FAN COIL UNIT	MCC	MAIN CIRCUIT BREAKER	QUAN	QUANTITY	WH	WATER HEATER
BMS	BUILDING MANAGEMENT SYSTEM	FIXT	FIXTURE	MCB	MAIN CIRCUIT BREAKER	RCPT	RECEPTACLE	WO	WITHOUT
C	CONDUIT	FLR	FLOOR	MCCB	MOTOR CONTROL CENTER	RD	RELOCATED	WP	WEATHERPROOF
CAB	CABINET	FLOR	FLORESCENT	MDC	MAIN DISTRIBUTION CENTER	RQDD	REQUIRED ROOM	XFR	TRANSFORMER
CAT	CATALOG	FU	FUSE	MFR	MANUFACTURER	RSC	RIGID STEEL CONDUIT	@	AT
CBV	CABLE TELEVISION	FUDS	FUSED SAFETY DISCONNECT SWITCH	MFS	MAIN FUSED DISCONNECT SWITCH	RTU	ROOF TOP UNIT	FEET	FEET
CB	CIRCUIT BREAKER	GA	GAUGE	MH	MOUNTING HEIGHT, CENTERLINE	SEC	SECONDARY	#	NUMBER
CC	CLOSED CIRCUIT TELEVISION	GAL	GALLON	MIC	MICROPHONE	SHT	SHEET	Ø	PHASE
CKT	CIRCUIT	GALV	GALVANIZED	MIN	MINIMUM	SIN	SOLID NEUTRAL SPECIFICATION	P	PLATE
CLG	CEILING	GC	GENERAL CONTRACTOR	MISC	MISCELLANEOUS	SPKR	SPEAKER		
COMB	COMBINATION	GEN	GENERATOR	MLO	MAIN LUGS ONLY	SP	SPARE		
CMPR	COMPRESSOR	GFI	GROUND FAULT CIRCUIT INTERRUPTER	MMS	MANUAL MOTOR STARTER	SR	SURFACE RACEWAY		
CONN	CONNECTION	GFP	GROUND FAULT PROTECTOR	MOA	MULTIOUTLET ASSEMBLY	SS	STAINLESS STEEL		
CONST	CONSTRUCTION	GND	GROUND	MSP	MOTOR STARTER PANELBOARD	SSW	SELECTOR SWITCH		
CONV	CONTRIBUTION OR CONTINUOUS CONTR	GRD	GROUNDING RIGID STEEL (CONDUIT)	MSDB	MAIN SWITCHBOARD	SSS	STOP/START PUSHBUTTONS		
CONTR	CONTRACTOR	GRS	GALVANIZED RIGID STEEL (CONDUIT)	MT	MOUNT	STD	STANDARD SURFACE MOUNTED SWITCH		
CP	CIRCULATING PUMP	GYP BD	GYPSUM BOARD	MT.C	EMPTY CONDUIT	SURF	SURFACE MOUNTED SWITCH		
CRT	CATHODE-RAY TUBE	HOA	HANDS-OFF-AUTOMATIC SWITCH	MTS	MANUAL TRANSFER SWITCH				
CT	CURRENT TRANSFORMER	HORIZ	HORIZONTAL	MTR	MOTOR, MOTORIZED				
CTR	CENTER	HP	HORSEPOWER	N.C.	NORMALLY CLOSED				
CU	COPPER	HPF	HIGH POWER FACTOR	NEC	NATIONAL ELECTRICAL CODE				

INDEX OF ELECTRICAL DRAWINGS

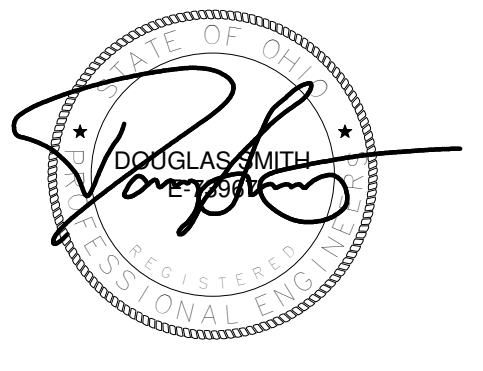
E000	ELECTRICAL LEGENDS
ESU	ELECTRICAL SITE UTILITY PLAN
E101	FIRST FLOOR LIGHTING PLAN
E201	FIRST FLOOR POWER PLAN
E500	SINGLE LINE DIAGRAM
E501	ELECTRICAL SCHEDULES
E601	ELECTRICAL DETAILS



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DOT-200023 ODOT - EATON OUTPOST

CONSTRUCTION DOCUMENTS

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