

LAWRENCE COUNTY MAINTENANCE BUILDING

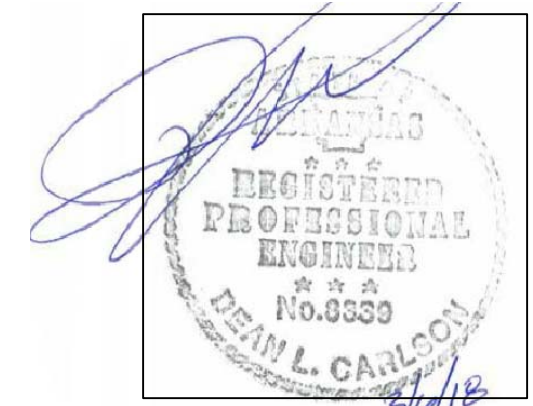
WEST ELM STREET
WALNUT RIDGE, ARKANSAS 72476

PROJECT NUMBER 15-010B

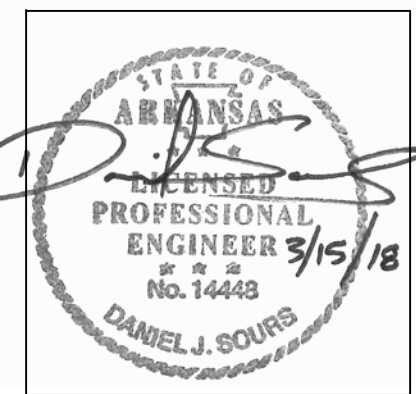
BID SET
MARCH 14, 2018



ARCHITECT



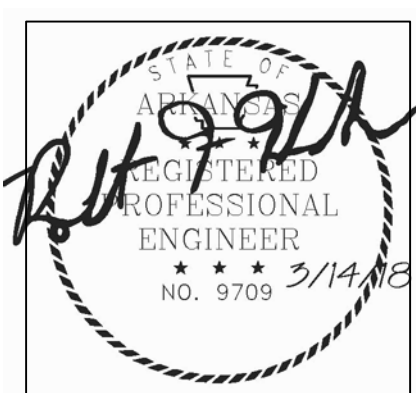
CIVIL



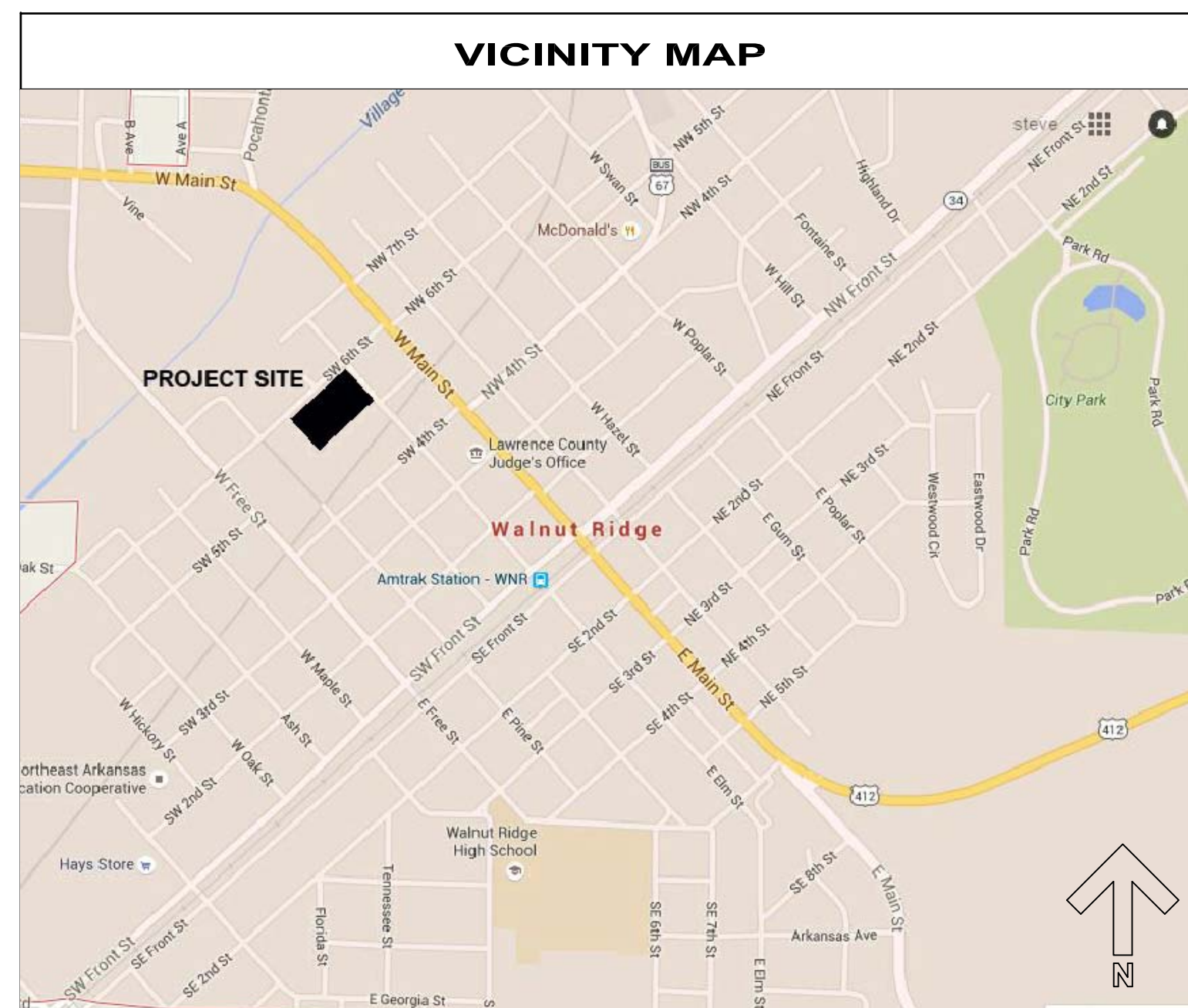
STRUCTURAL



HVAC / PLUMBING



ELECTRICAL



FOR REFERENCE ONLY - NOT TO SCALE

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BUILDING CODE AND STANDARDS ANALYSIS
LAWRENCE COUNTY MAINTENANCE BUILDING
WALNUT RIDGE, ARKANSAS
JANUARY 25, 2018

A) GENERAL INFORMATION

- 1) Authority Having Jurisdiction:
Walnut Ridge Fire Department
3227 Hwy. 67 B
Walnut Ridge, AR 72476
870-886-6631
- 2) Applicable Codes and Regulations:
 - a) 2012 Arkansas Fire Prevention Code (AFPC) based on 2012 International Code (IBC)
 - b) 2006 NFPA 101 Life Safety Code (LSC)
 - c) Americans with Disabilities Act, Accessibility Guidelines for Buildings & Facilities - 1992 (ADA)
 - d) 2011 Arkansas National Electrical Code
 - e) 2006 Arkansas Plumbing Code
 - f) 2006 Arkansas Fuel Gas Code
 - g) 2010 Arkansas Mechanical Code
 - h) 2009 Arkansas Rules and Regulations for Energy Efficiency Standards for new Construction

B) CLASSIFICATION AND PHYSICAL PLANT

- 1) Occupancy Type: Group S-1 (IBC 311.2)
- 2) Type of Construction
 - a) Type IIB (IBC 602.2) - Group S-1
- 3) Sprinkler Requirements
 - a) An automatic sprinkler system is NOT required per IBC Table 503 and IBC 903.2.9.
- 4) Area
 - a) Allowed: (Per IBC Table 503) 17,500 SF
 - b) Actual gross actual square footage: 3,775 SF
- 5) Height
 - a) Allowed: 2 stories with 55 feet maximum height (IBC Table 503)
 - b) Actual: 1 story 18 feet tall height
- 6) Occupancy Load
 - a) Storage Occupancy (200SF/person) (IBC Table 1004.1.2) 19

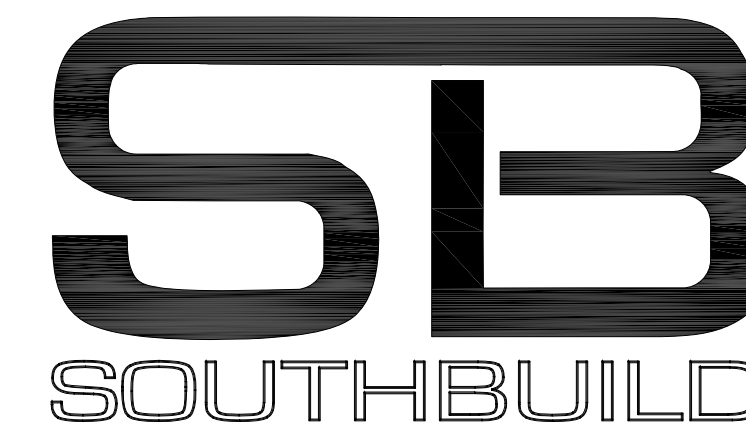
END OF CODES AND STANDARDS ANALYSIS



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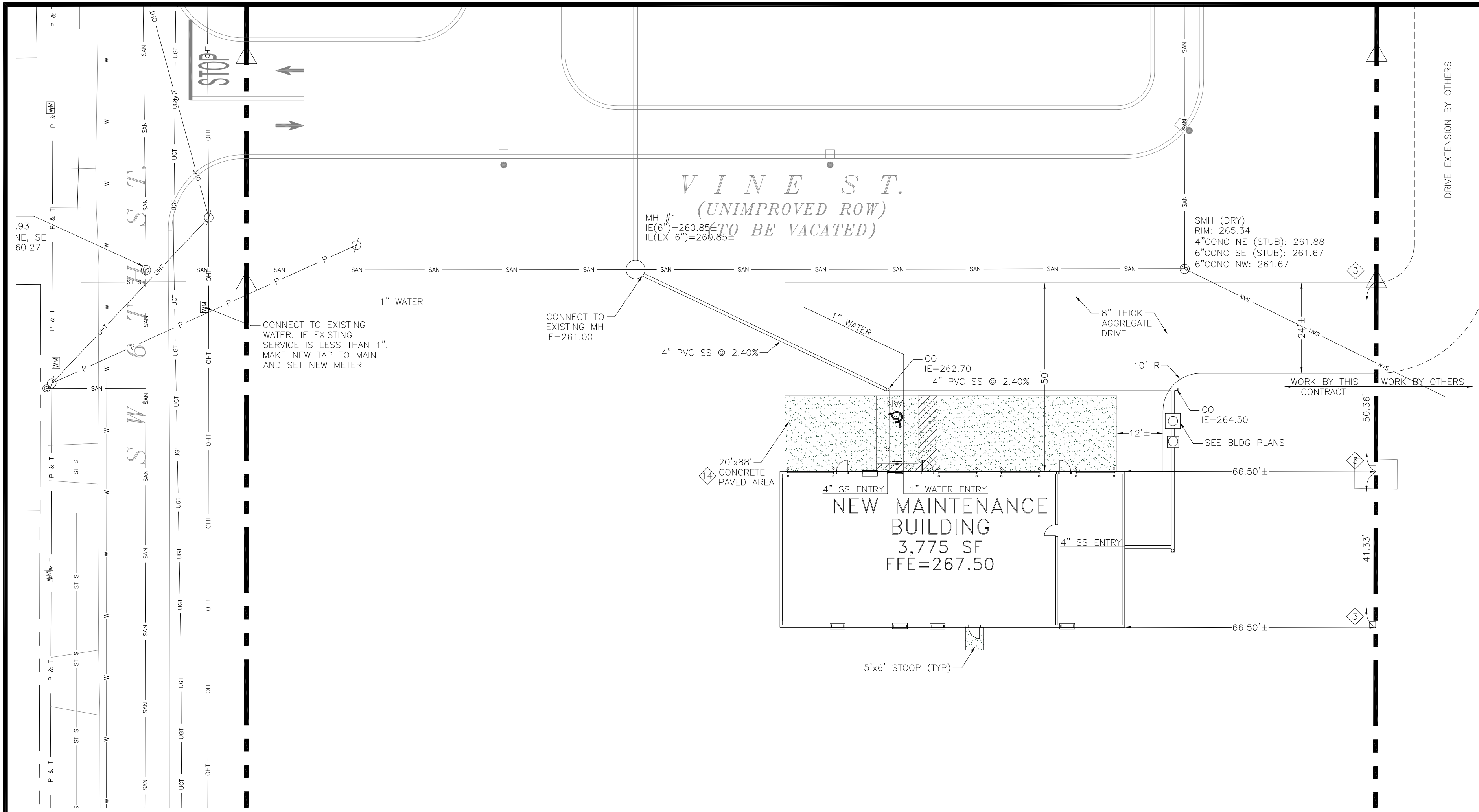


Consultant

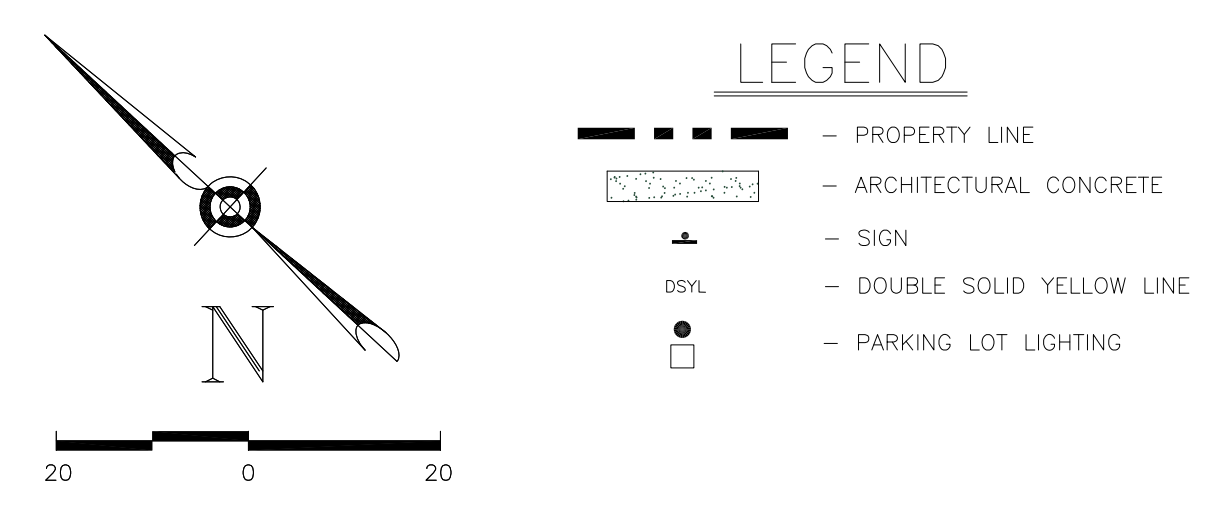


Smith-Doyle Contractors, Inc.
Construction Management

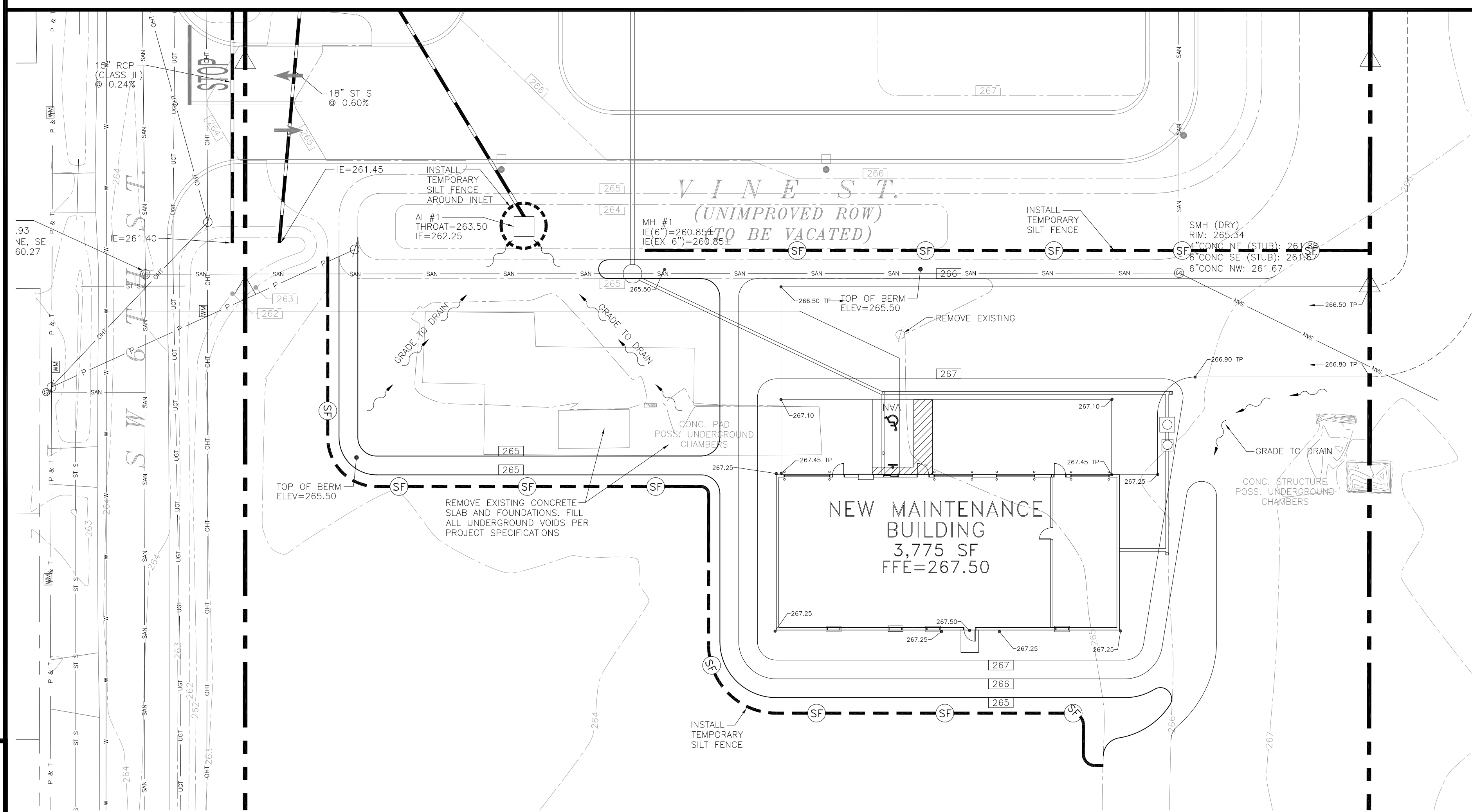
1635 Wynne Road Phone (901) 213-3993
Cordova, Tennessee 38016 Fax (901) 213-3994



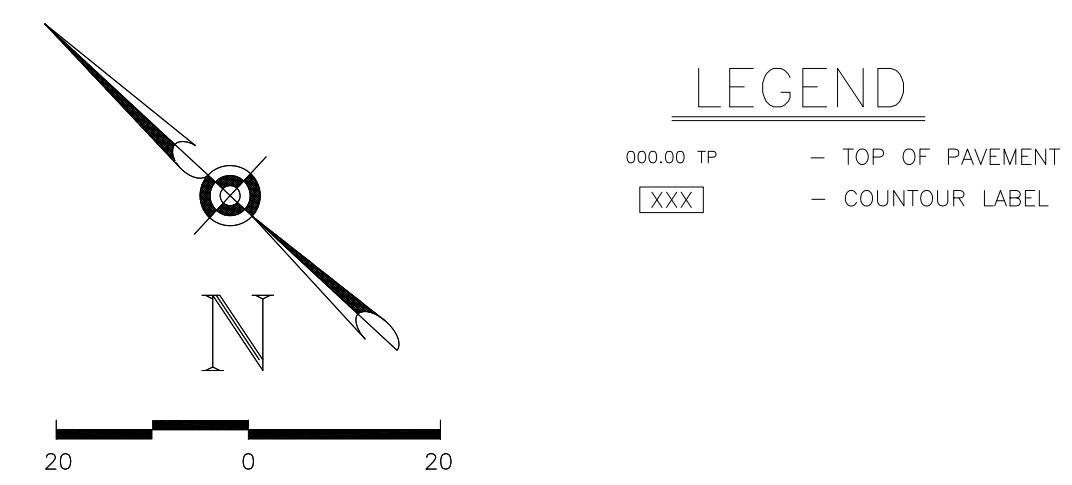
SITE/UTILITY PLAN



- NOTES:
1. DIMENSIONS ARE SHOWN TO THE EDGE OF PAVEMENT U.N.O.
 2. TRAFFIC SIGN NUMBERS REFER TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
 3. BUILDING TIES SHOWN FROM THE CORNER OF BUILDING TO A POINT PERPENDICULAR TO THE PROPERTY LINE.
 4. ALL NECESSARY INSPECTIONS, APPROVALS, AND/OR CERTIFICATIONS REQUIRED BY CODES AND/OR AUTHORITIES SHALL BE COMPLETED PRIOR TO THE ANNOUNCED BUILDING POSSESSION AND THE FINAL CERTIFICATION OF SERVICES.
 5. ALL DELTA ANGLES ARE 90° U.N.O.
 6. ALL PAINTED PAVEMENT MARKINGS, SUCH AS HANDICAP SYMBOLS AND LETTERING, SHALL BE PAINTED USING TEMPLATES.
 7. CONTRACTOR SHALL SAWCUT EXISTING PAVEMENT AS SHOWN TO ALLOW FOR A CLEAN, STRAIGHT JOINT BETWEEN OLD AND NEW SURFACES. CONTRACTOR TO REMOVE ALL PAVEMENT, BASE MATERIALS, CURBING, ETC. WITHIN SAWCUT LIMITS OF CONSTRUCTION.
 8. REFER TO THE ARCHITECTURAL PLANS FOR PIPE BOLLARD PLACEMENT AROUND THE BUILDING.
 9. SURVEYED PROPERTY LIES IN ZONE A, AREAS DETERMINED TO BE WITHIN THE 100-YR FLOODPLAIN (NO BASE FLOOD ELEVATION DETERMINED) AND ZONE X, AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN. INFORMATION PROVIDED BY FEMA'S FLOOD INSURANCE RATE MAP NUMBER 05075C0280D, WITH AN EFFECTIVE DATE OF DECEMBER 18, 2012.
 10. THE SLOPE WITHIN ALL ADA PARKING SPACES AND ACCESS AISLES SHALL NOT EXCEED 1:50 IN ALL DIRECTIONS.
 11. CONCRETE SPLASH BLOCKS SHALL BE INSTALLED AT ALL BUILDING DOWNSPOUTS WHICH DISCHARGE TO GRASSED AREAS.
 12. SEE BUILDING PLANS FOR LOCATIONS OF ELECTRIC AND TELEPHONE ENTRIES.
 13. COORDINATE ALL UTILITIES WITH LOCAL SERVICE PROVIDERS.
 14. SAW CUT CONCRETE INTO FOUR PANELS OF EQUAL SIZE.

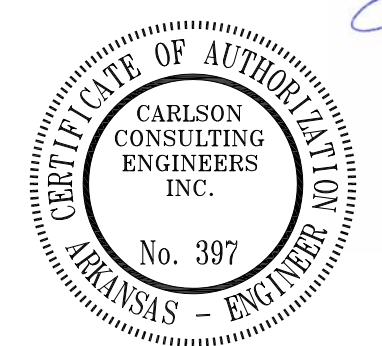


GRADING PLAN



- NOTES:
1. ALL UNSURFACED AREAS SHALL RECEIVE 4" TOPSOIL AND SOD. WATER UNTIL A HEALTHY STAND OF GRASS IS OBTAINED.
 2. ALL SLOPES 3:1 OR STEEPER SHALL HAVE SOD PEGGED IN PLACE.
 3. THE SLOPE WITHIN ALL ADA PARKING SPACES AND ACCESS AISLES SHALL NOT EXCEED 1:50 IN ALL DIRECTIONS.
 4. THE CONTRACTOR SHALL HAVE ANY RIGHT-OF-WAY MONUMENTS LOCATED BY A LICENSED SURVEYOR PRIOR TO COMMENCEMENT OF GRADING ACTIVITIES WITHIN THE RIGHT-OF-WAY. ANY MONUMENTS WHICH ARE DESTROYED OR DAMAGED DURING CONSTRUCTION SHALL BE REPLACED.
 5. PRIOR TO THE START OF CONSTRUCTION OF, OR CONNECTION TO ANY STORM DRAIN, SANITARY SEWER, WATER MAIN OR ANY OF THE DRY UTILITIES, THE CONTRACTOR SHALL EXCAVATE, VERIFY AND CALCULATE ALL POINTS OF CONNECTION AND ALL UTILITY CROSSINGS AND INFORM THE ENGINEER OF RECORD AND THE OWNER/DEVELOPER OF ANY CONFLICT OR REQUIRED DEVIATIONS FROM THE PLAN. NOTIFICATION MADE A MINIMUM OF 48 HOURS PRIOR TO CONSTRUCTION. THE ENGINEER OF RECORD AND HIS CLIENTS SHALL BE HELD HARMLESS IN THE EVENT THAT THE CONTRACTOR FAILS TO MAKE SUCH NOTIFICATION.
 6. ALL EXISTING STRUCTURES ON-SITE INCLUDING BUT NOT LIMITED TO: GRAVEL DRIVES, UTILITIES, CONCRETE PADS, ETC TO BE DEMOLISHED AND DISPOSED OF PROPERLY BY CONTRACTOR. ALL DEMOLITION SHALL BE IN ACCORDANCE WITH ALL APPLICABLE REQUIREMENTS. ALL DISPOSAL OF ITEMS THAT ARE BEING REMOVED SHALL BE IN ACCORDANCE WITH ALL LOCAL, STATE, OR FEDERAL REQUIREMENTS. THIS PLAN WAS PREPARED FROM THE PROJECT SURVEY AND SHOWS ITEMS REPRESENTED ON THE SURVEY. IT DOES NOT HOWEVER, NECESSARILY REPRESENT ALL ITEMS PRESENT IN THE FIELD. REFER TO THE UTILITY PLANS FOR THE LIMITS OF EXISTING UTILITY REMOVAL. THE INTENT OF THESE PLANS IS TO REMOVE ALL ITEMS WHICH CONFLICT WITH THE IMPROVEMENTS. THE CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH THE SITE TO THE LEVEL NECESSARY TO INCLUDE THIS WORK IN THE BID.
 7. CONTRACTOR SHALL ENSURE PROPER DRAINAGE IN ALL AREAS.
 8. REFER TO STRUCTURAL PLANS FOR OVEREXCAVATION AND PAD PREPARATION REQUIREMENTS.
 9. CONTRACTOR SHALL ADJUST TOPS OF MANHOLES, CLEANOUTS, VALVES, ETC. TO MATCH FINAL GRADE.

CAUTION — NOTICE TO CONTRACTOR
 THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND, WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED UPON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANY AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES, APPURTENANCES AND IMPROVEMENTS WHICH CONFLICT WITH THE IMPROVEMENTS SHOWN BY THESE PLANS.



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NO.	DATE	REVISION

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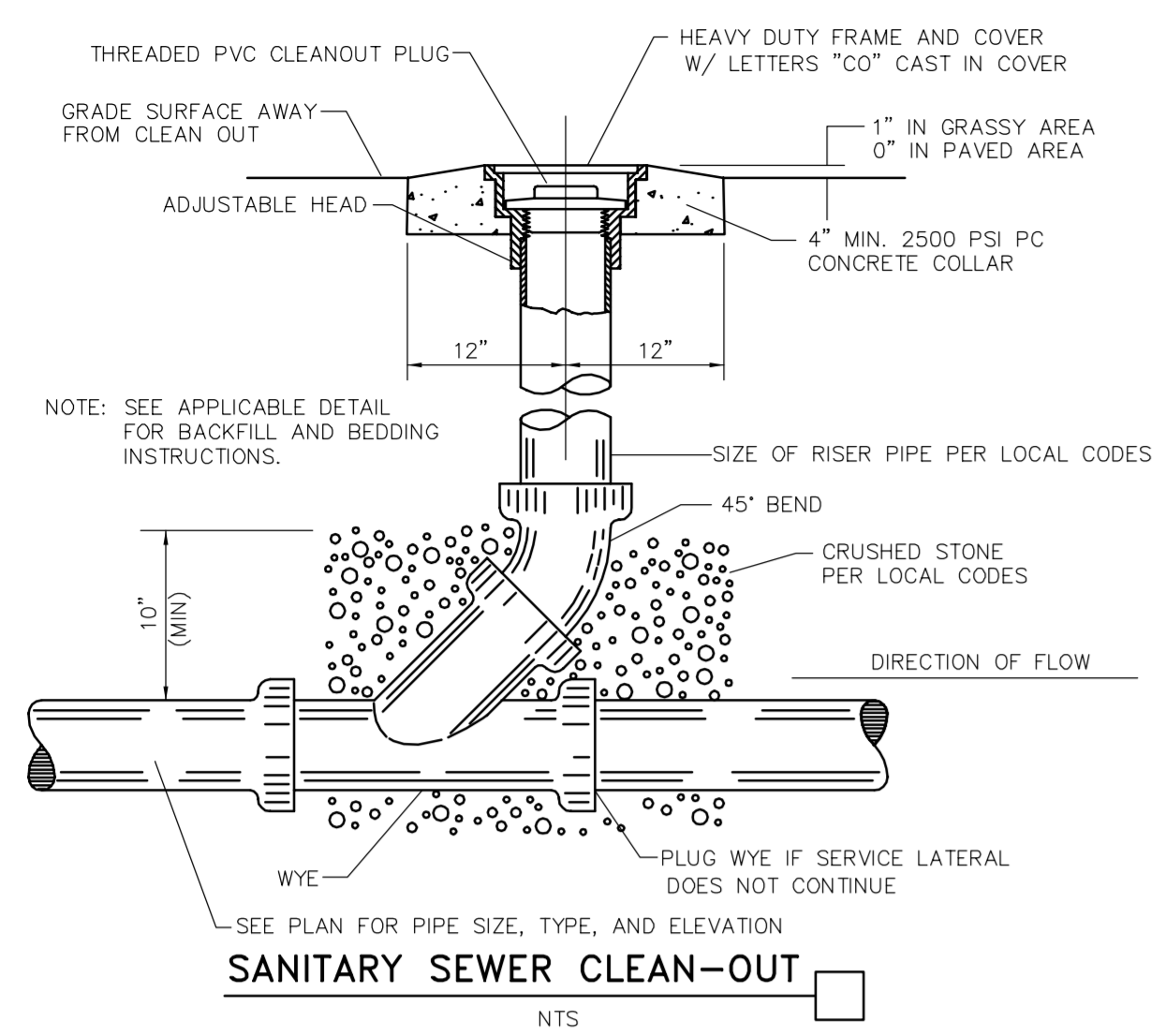
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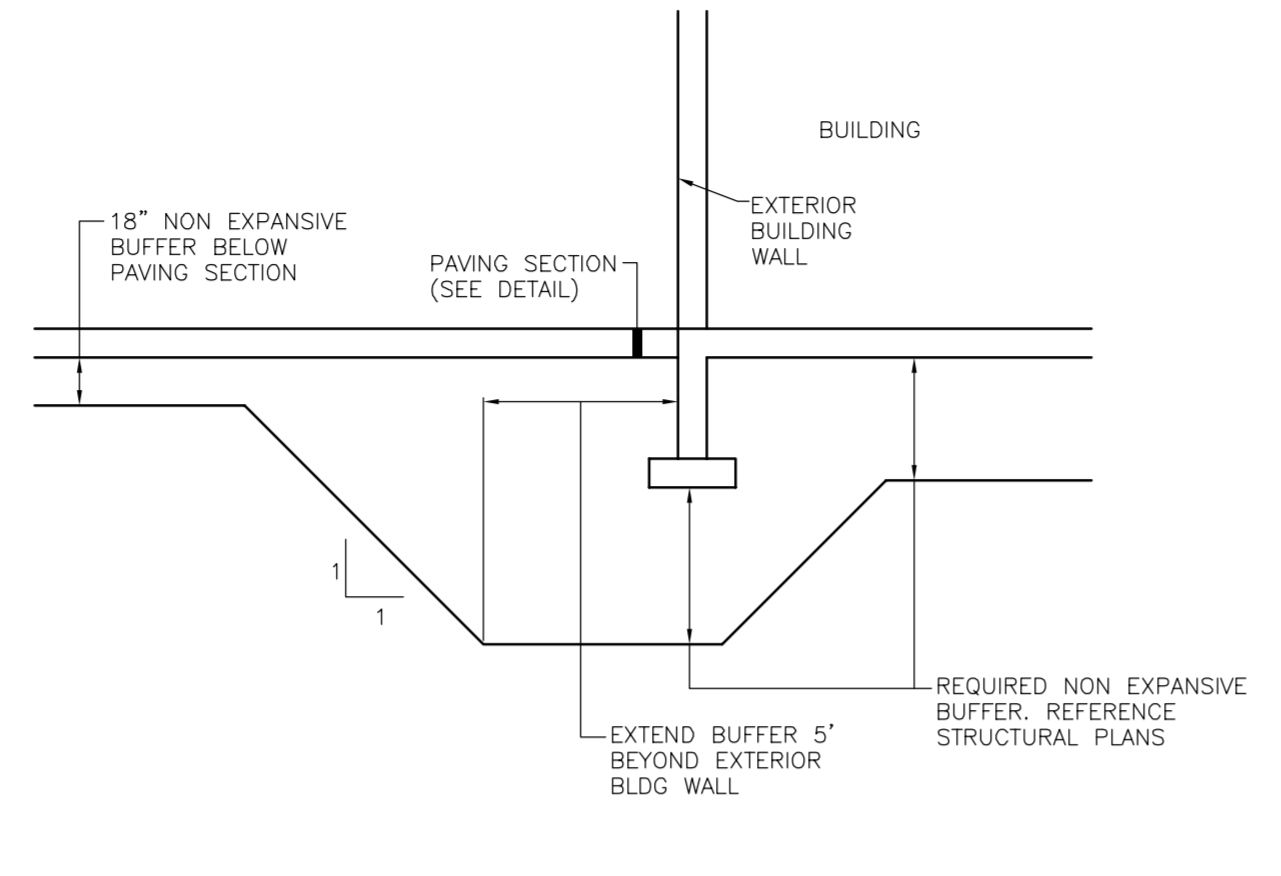
PROFESSIONAL ENGINEER
 No. 00339
 DEAN L. CARLSON
 3/1/18

SHEET TITLE	SITE IMPROVEMENT PLAN
DATE	3/9/18
PROJECT NO.	15-010B
SHEET NO.	C 1.0

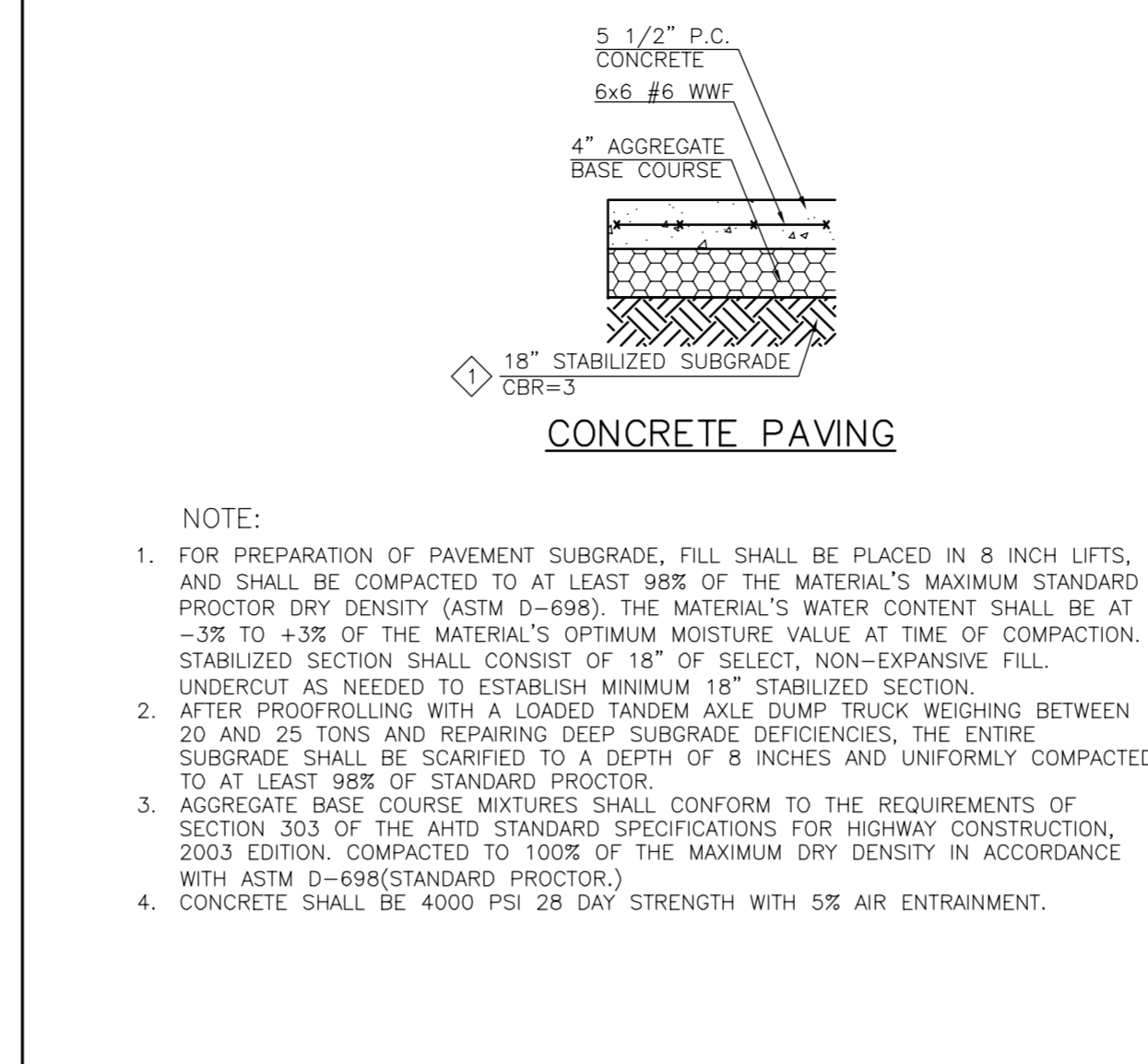
PLANT DATE: 3/7/2018



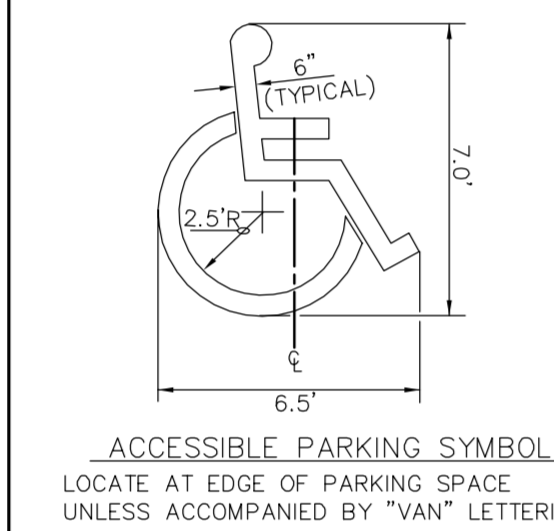
SANITARY SEWER CLEAN-OUT



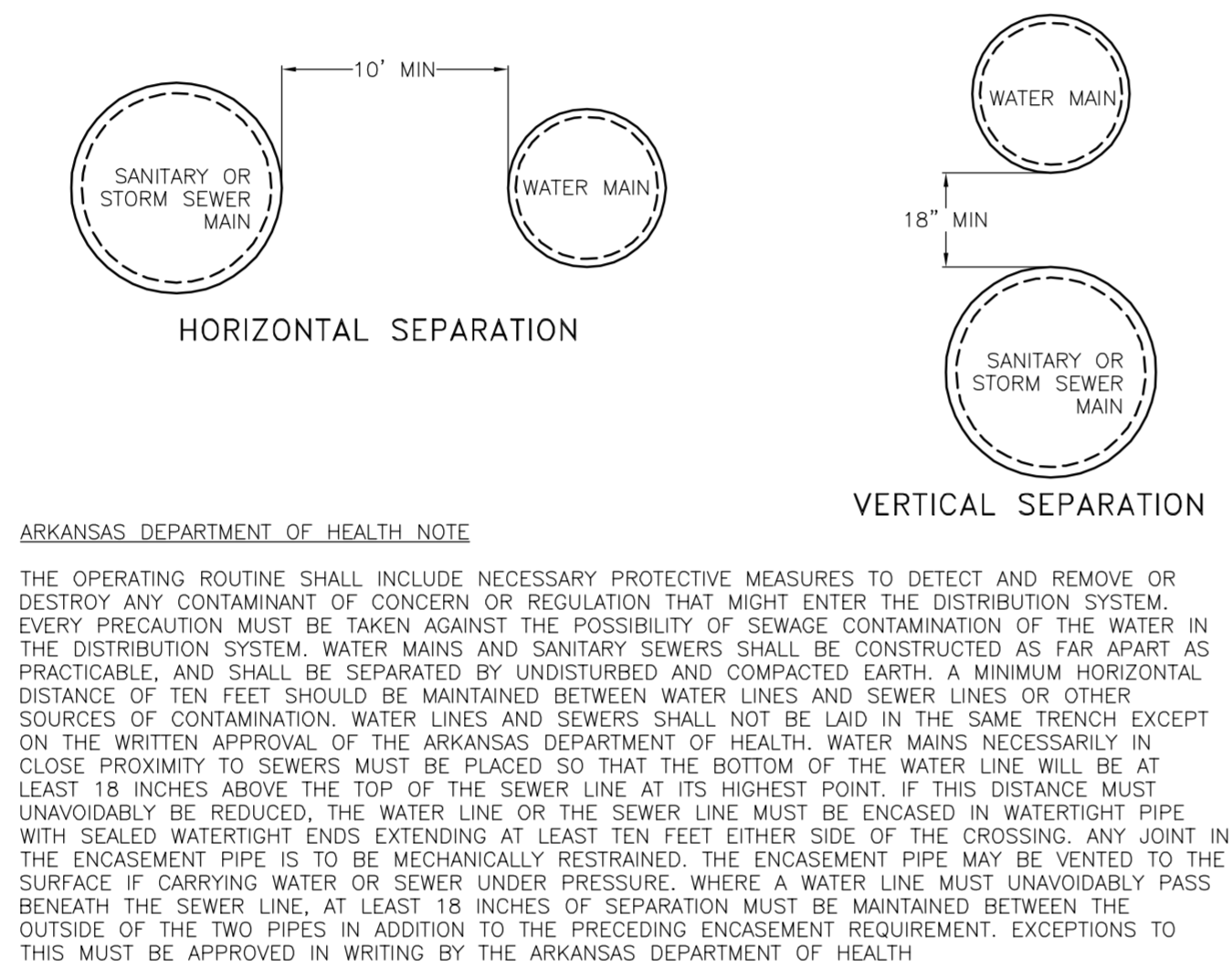
BUFFER DETAIL



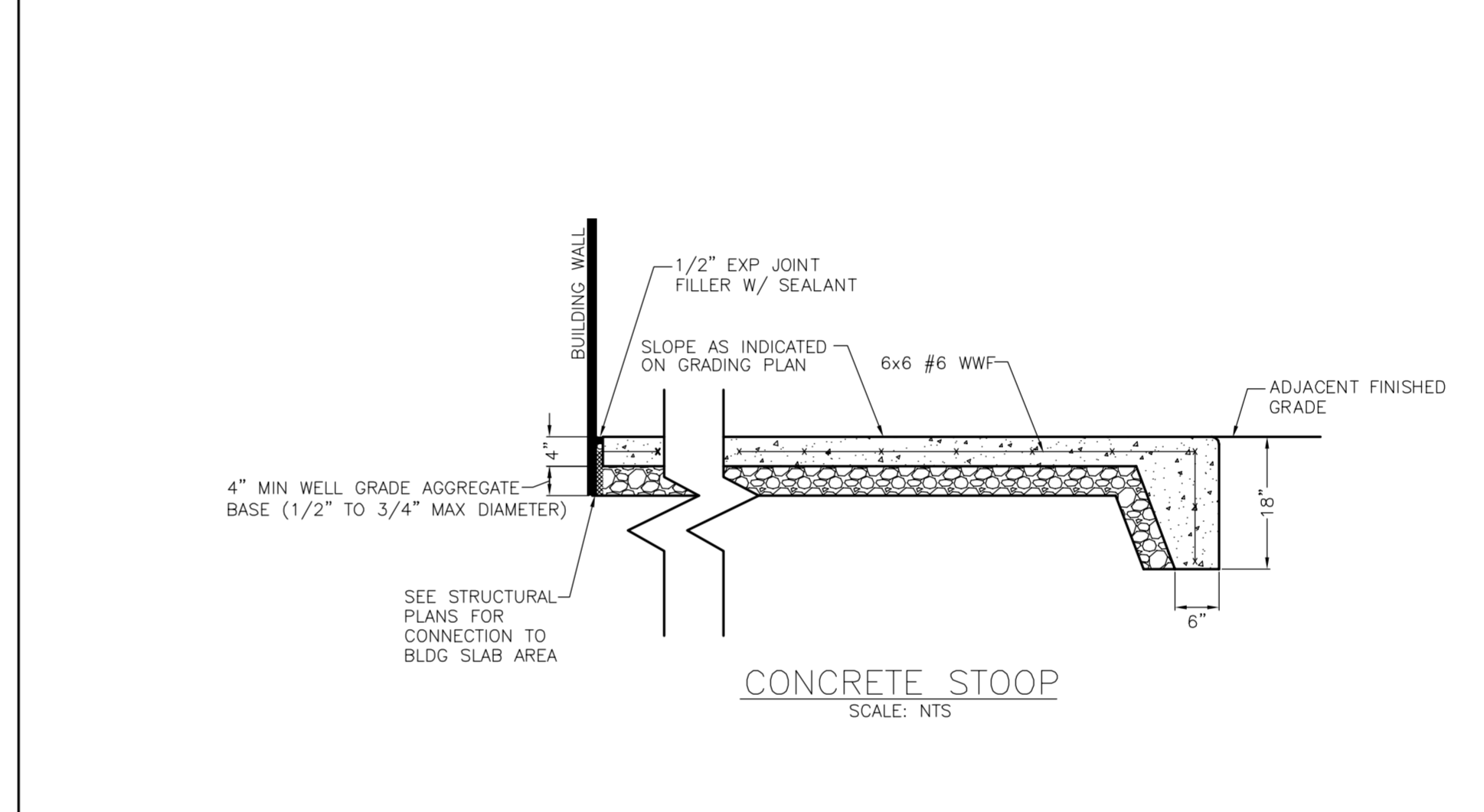
CONCRETE PAVING SECTION



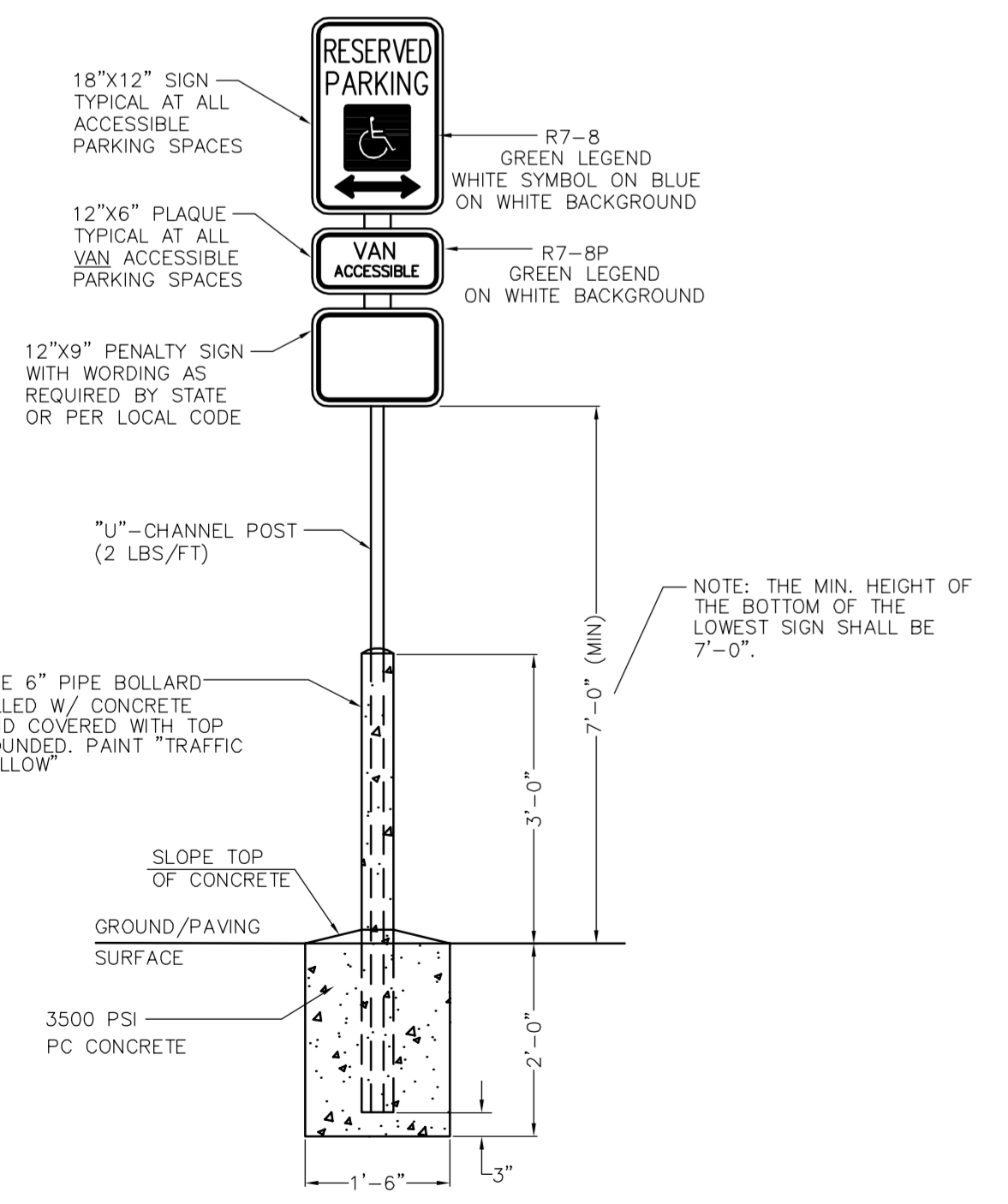
ACCESSIBLE SYMBOL



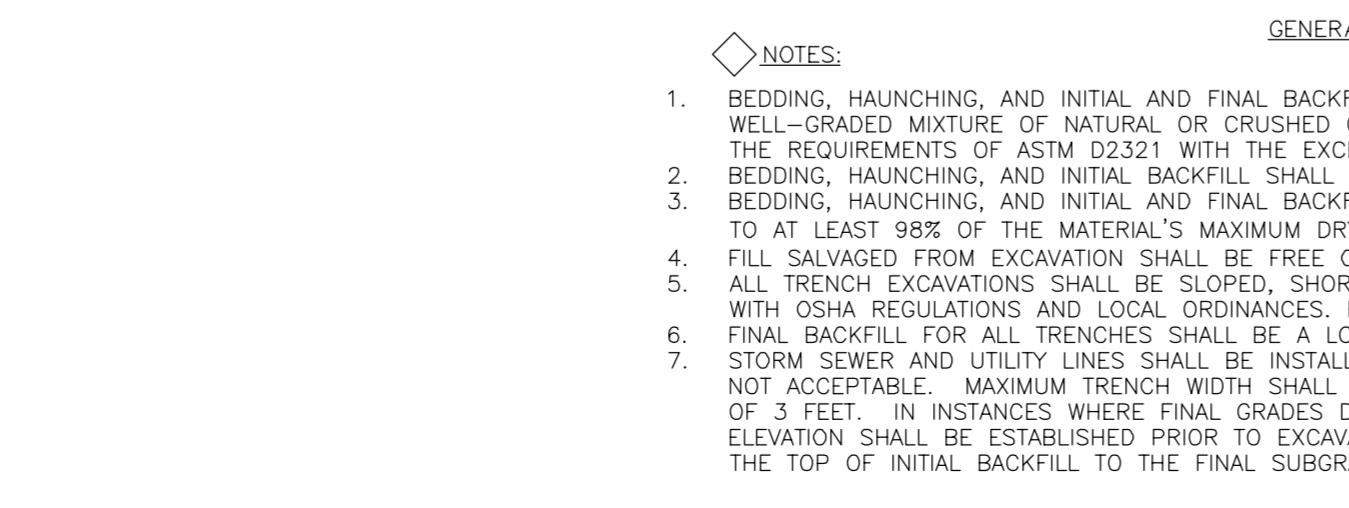
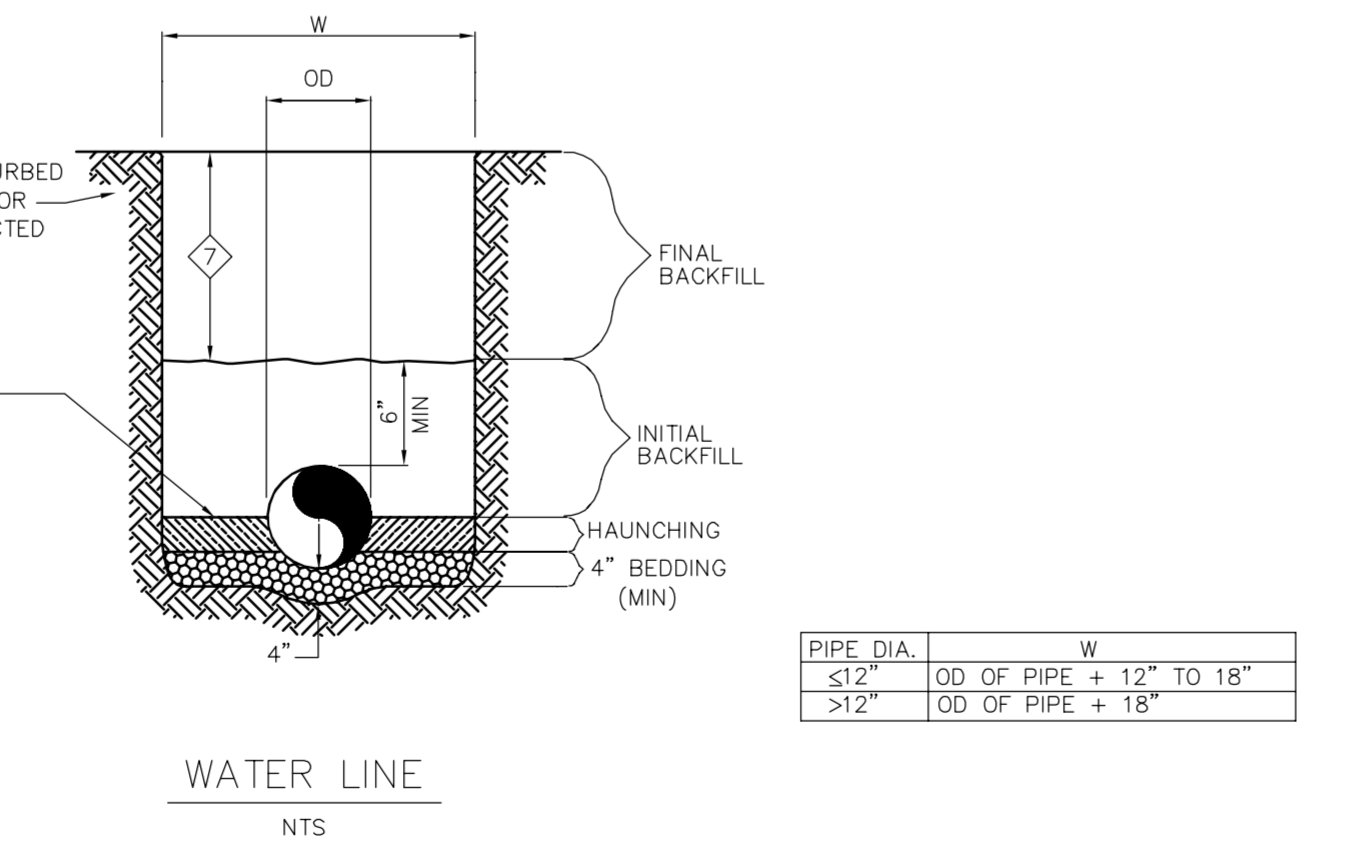
WATER/SEWER CROSSING



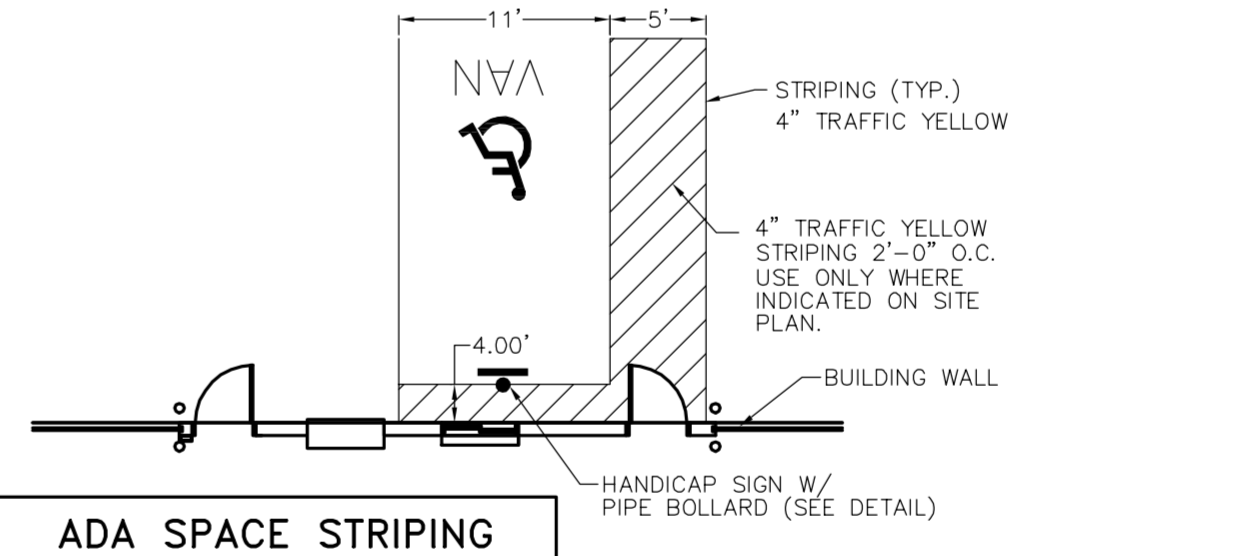
CONCRETE STOOP



SITE SIGN DETAILS



WATER AND SEWER BACKFILL DETAIL



ADA SPACE STRIPING

811
Know what's below.
Call before you dig.

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Bartlett, TN 38133
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NO.	DATE	REVISION

LAWRENCE COUNTY MAINTENANCE BUILDING
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CARLSON CONSULTING ENGINEERS, INC.
No. 397
ARIZONA - ENGINEER

PROFESSIONAL ENGINEER
DEAN L. CARLSON
No. 03339

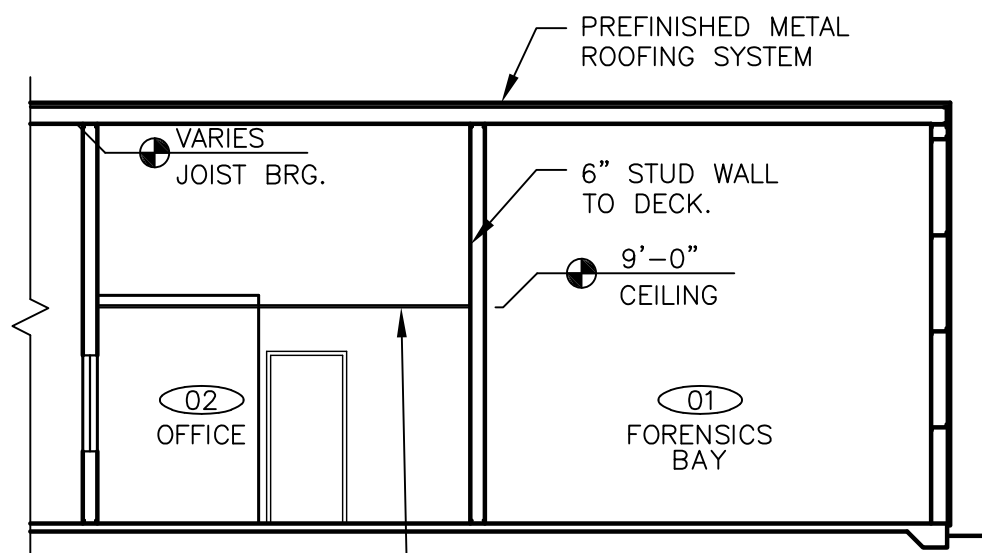
SHEET TITLE
DETAILS

DATE
3/9/18

PROJECT NO.
15-010B

SHEET NO.
C 1.1

PLOT DATE: 3/15/2018

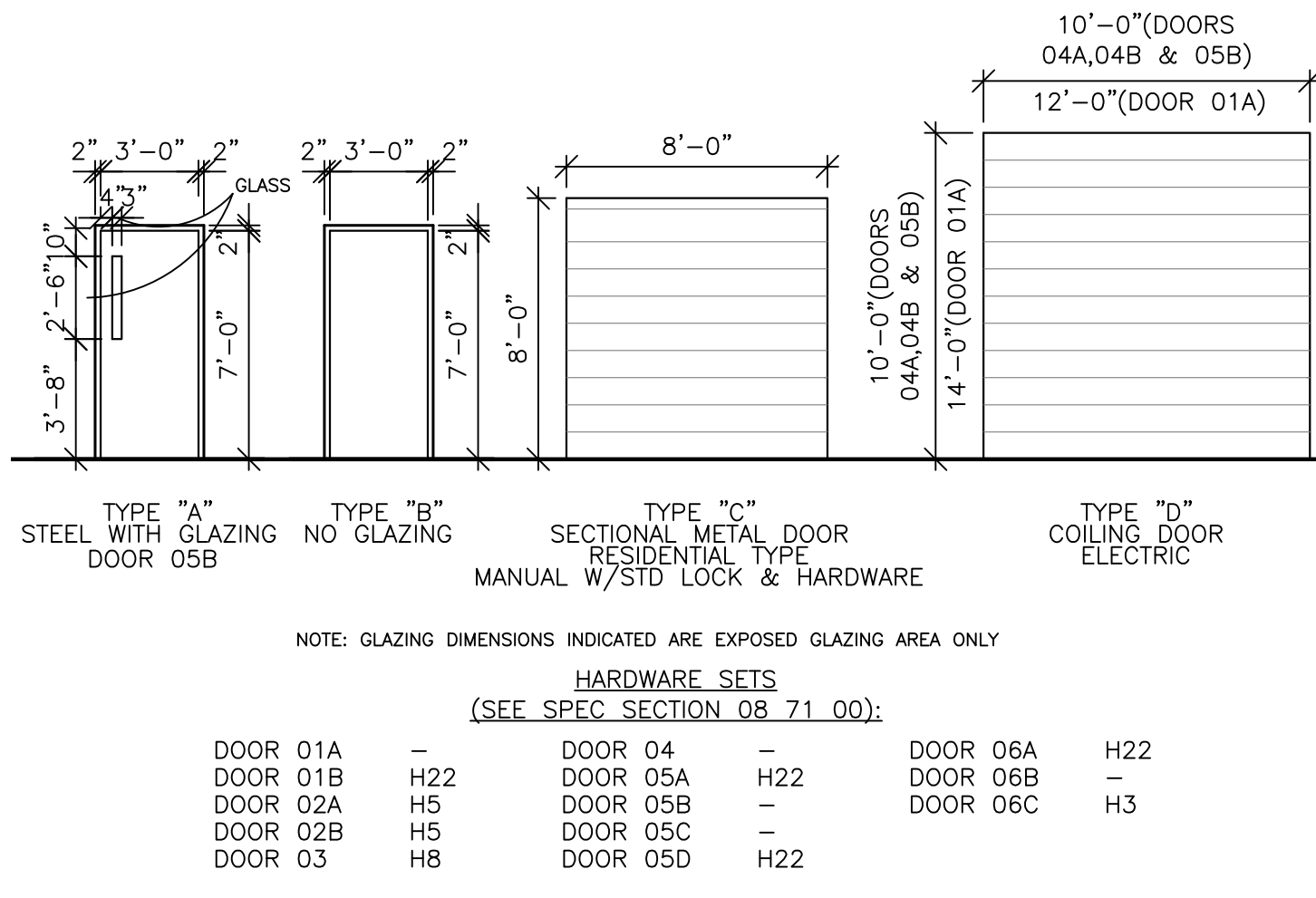
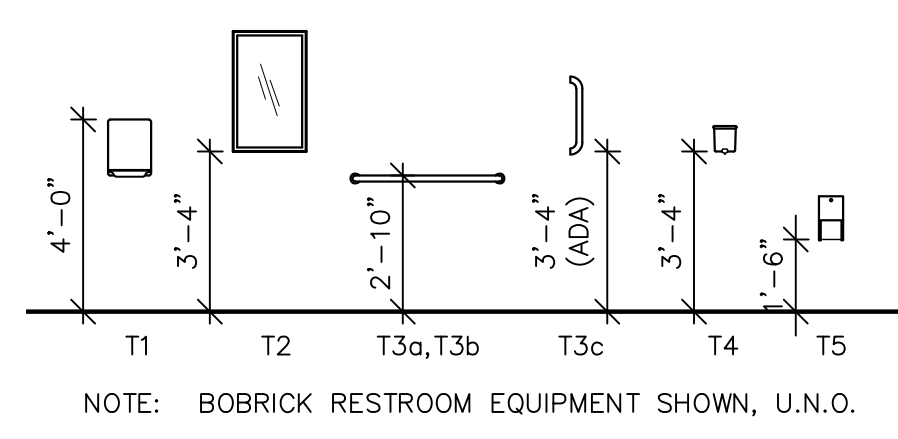


1/8"=1'-0" **BUILDING SECTION B-B** 5

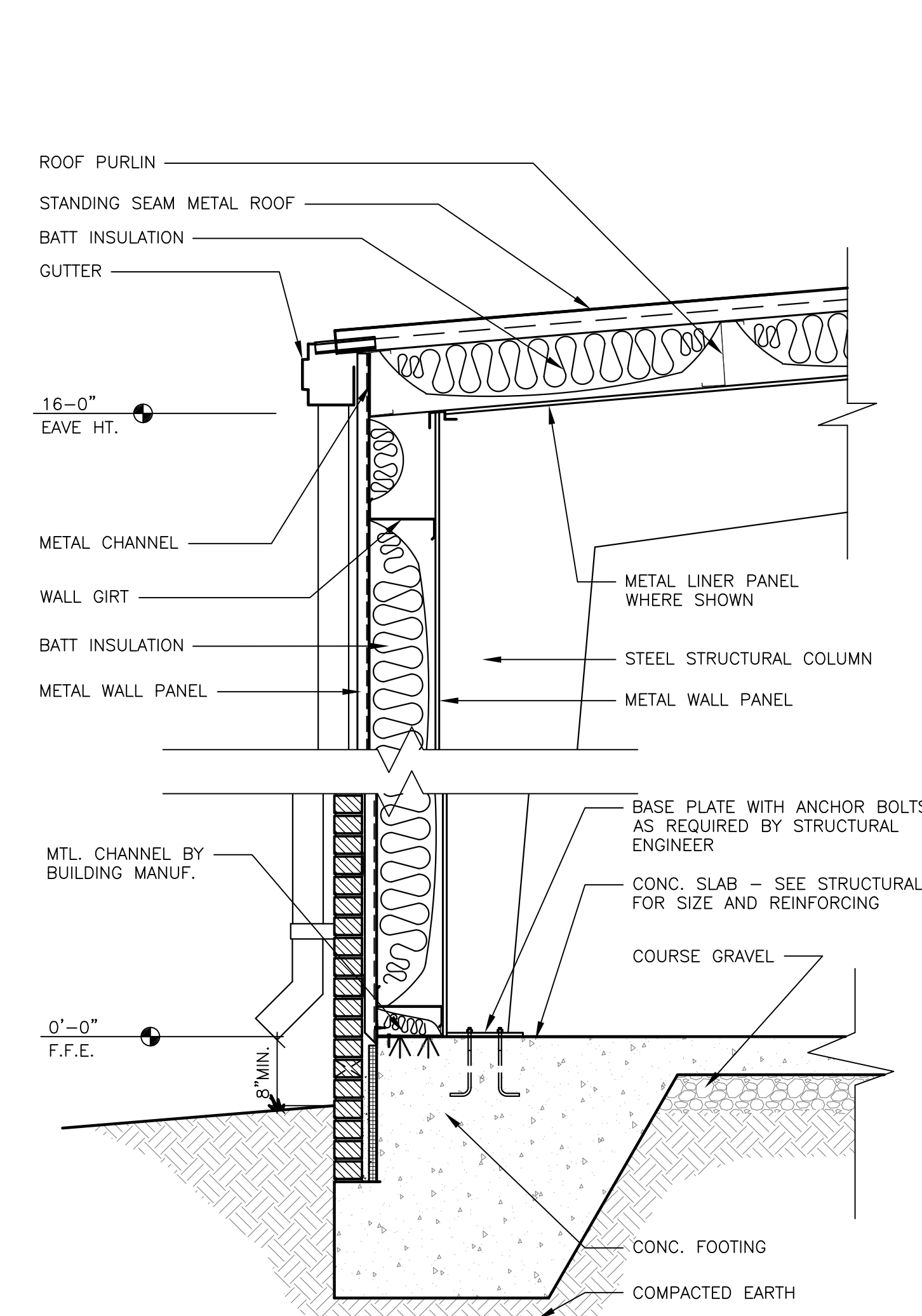
- GENERAL NOTES**
- COORDINATE ALL TRADES.
 - REFER TO CIVIL PLUMBING, MECHANICAL AND ELECTRICAL SHEETS FOR ADDITIONAL INFORMATION.
 - SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
 - INTERIOR FINISHES:
 1. WALLS: ALL INTERIOR WALLS TO BE PAINTED, WITH EXCEPTION OF METAL LINER WALL PANELS. ALL GYP. BOARD WALLS RECEIVE VINYL BASE.
 2. FLOORS: ALL CONCRETE TO BE SEALED.
 3. CEILINGS: ROOMS 02, 03 & 04 TO RECEIVE 2x4 ACOUSTICAL CEILING TILE. ALL OTHER AREAS RECEIVE METAL LINER PANEL.
 - ALL INTERIOR WALLS ARE TO DECK, UNO.
 - ALL STUD WALLS TO RECEIVE 8" GYP. BOARD EACH SIDE.
 - PROVIDE NEW NFPA COMPLIANT FIRE ALARM SYSTEM. CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR APPROVAL.
 - WINDOWS TO BE SLIDING 4" DEPTH ALUMINUM FRAME. EXTERIOR TO RECEIVE 1" INSULATED GLAZING, INTERIOR TO RECEIVE 3" TEMPERED GLAZING. PROVIDE ST
 - CONTRACTORS SHALL FIELD VERIFY EXISTING CONDITIONS.
 - CONTRACTOR TO PROVIDE APPROPRIATE SHORING AS REQUIRED.

ACCESSORIES LEGEND

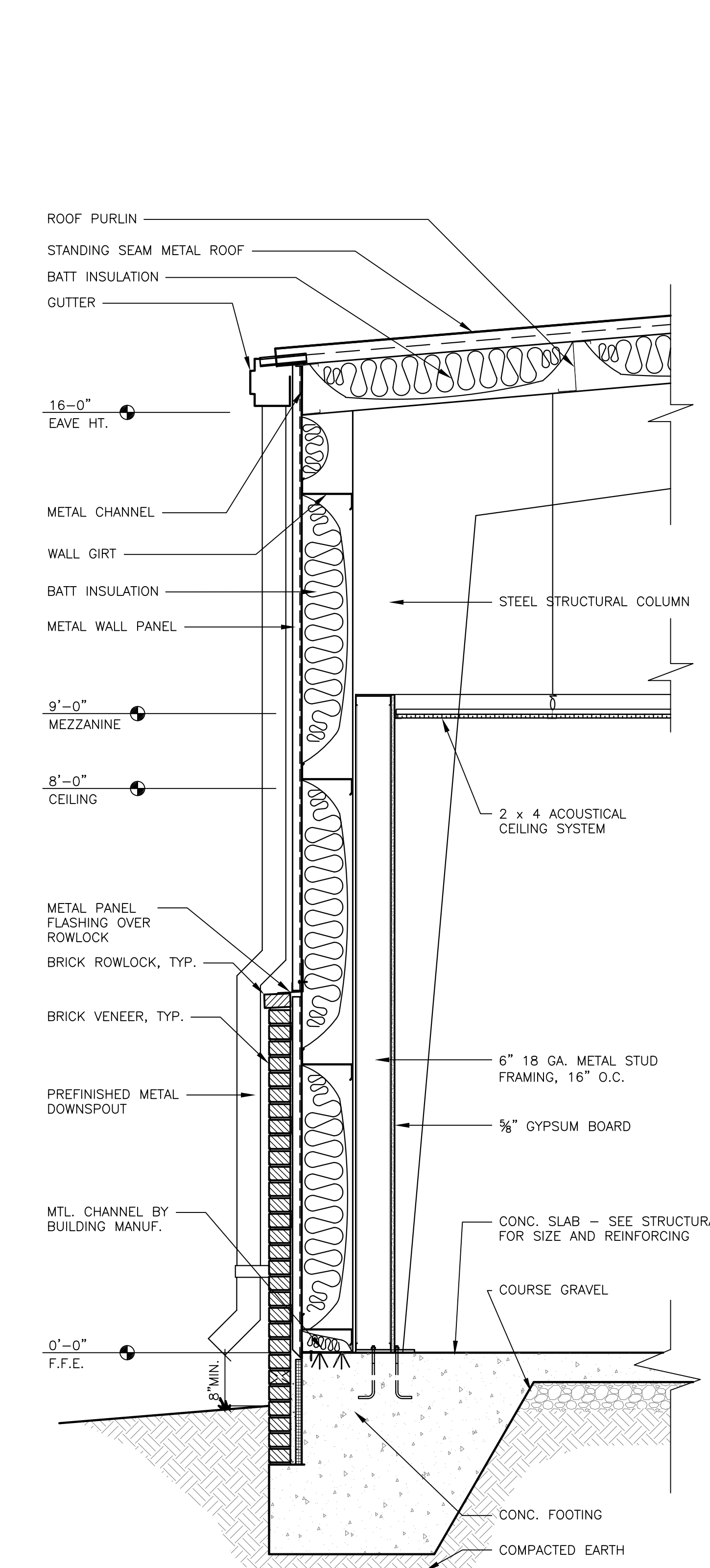
#	DESCRIPTION (SEE SPEC. SECTION 10 28 13, U.N.O.)
T1	PAPER TOWEL DISPENSER
T2	MIRROR W/FRAME (18"x30")
T3a	GRAB BAR - 36"
T3b	GRAB BAR - 42"
T3c	GRAB BAR - 18"
T4	LIQUID SOAP DISPENSER
T5	TOILET TISSUE DISPENSER



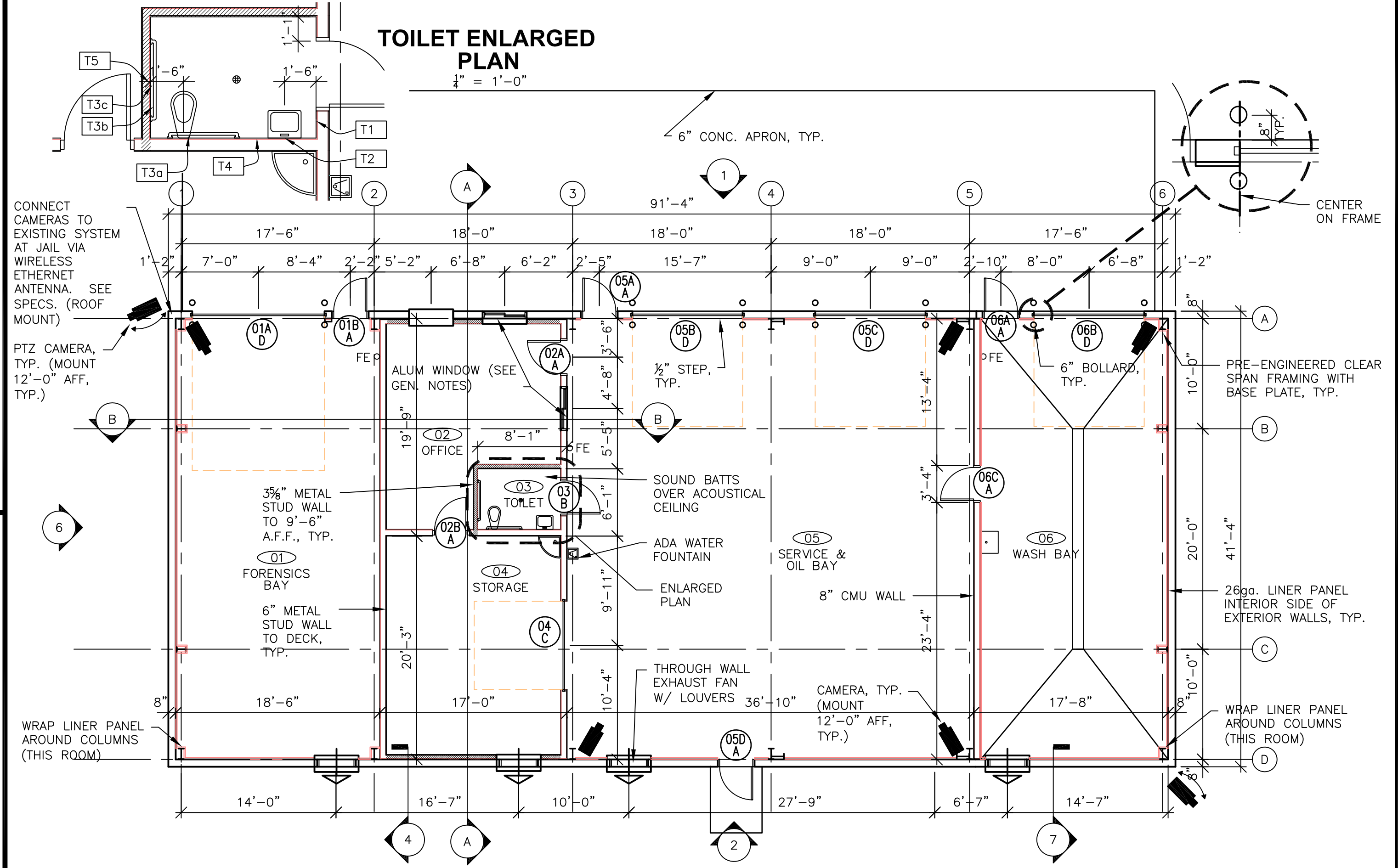
3/16"=1'-0" **DOORS ELEVATIONS & HARDWARE** 6



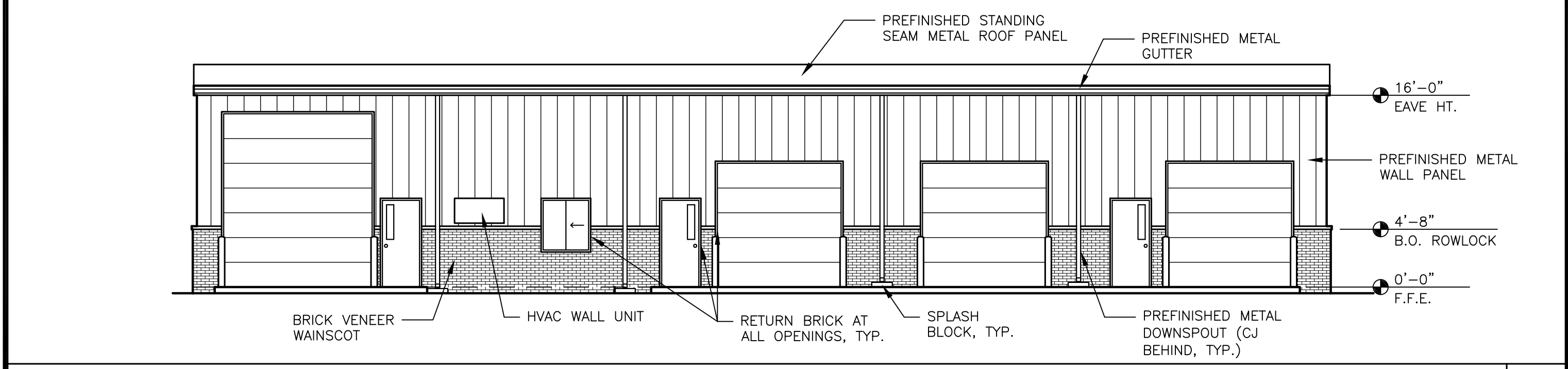
3/4"=1'-0" **WALL SECTION @ VEHICLE BAY** 7



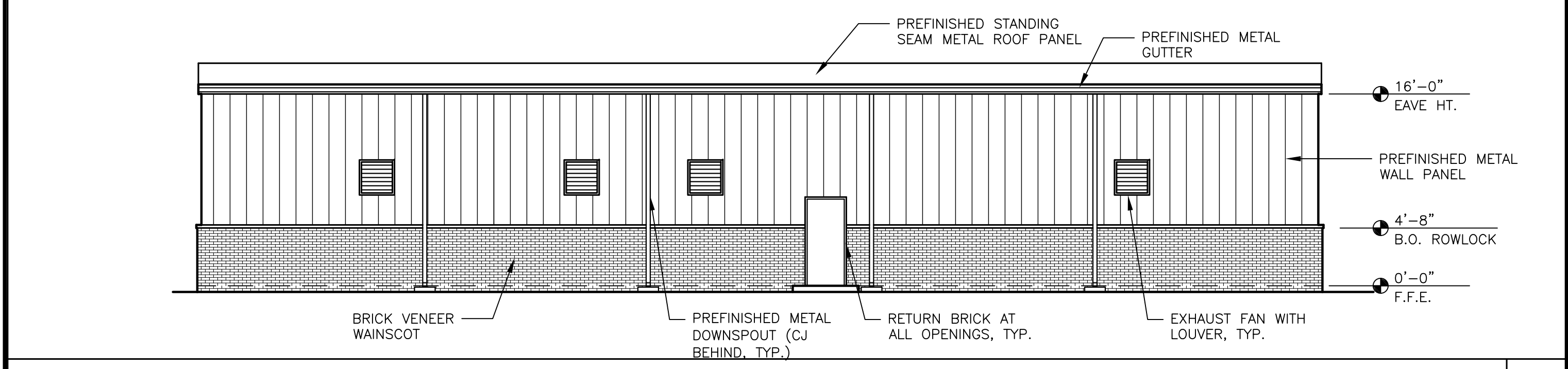
3/4"=1'-0" **WALL SECTION @ MEZZANINE** 4



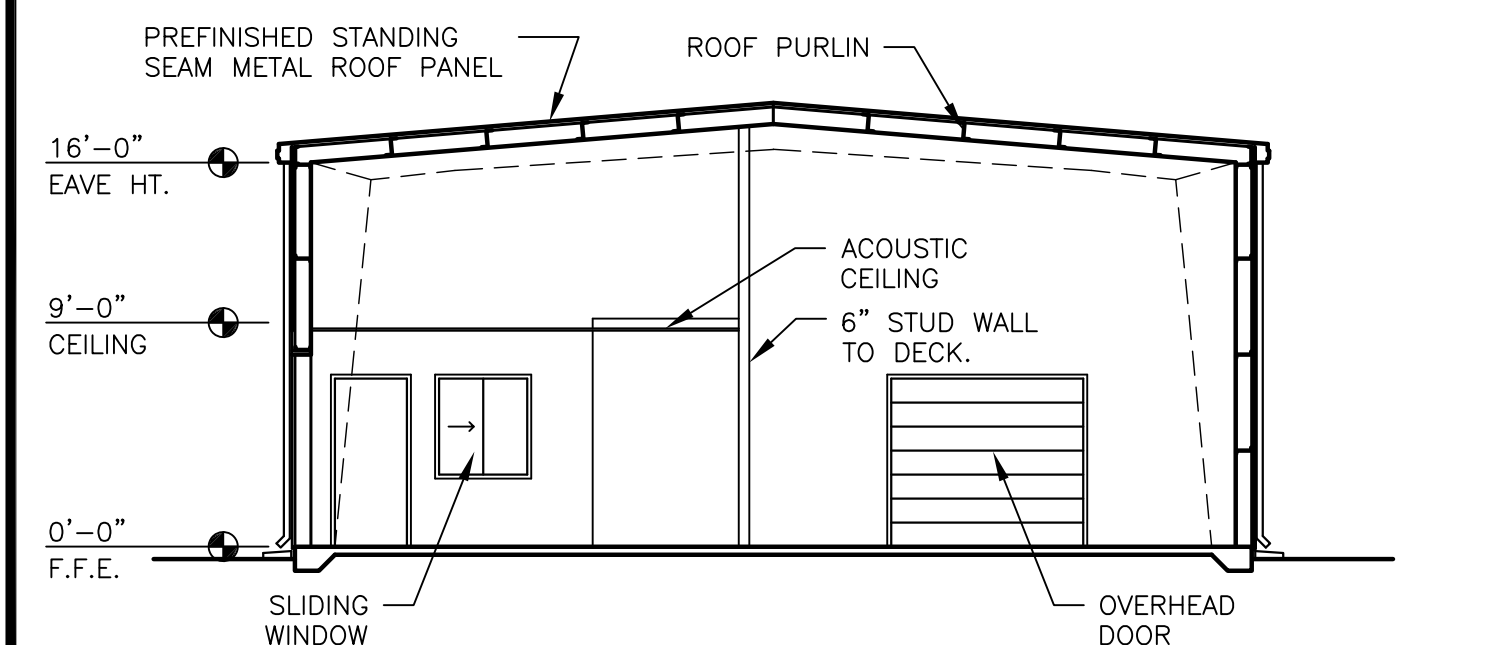
1/8"=1'-0" **FLOOR PLAN**



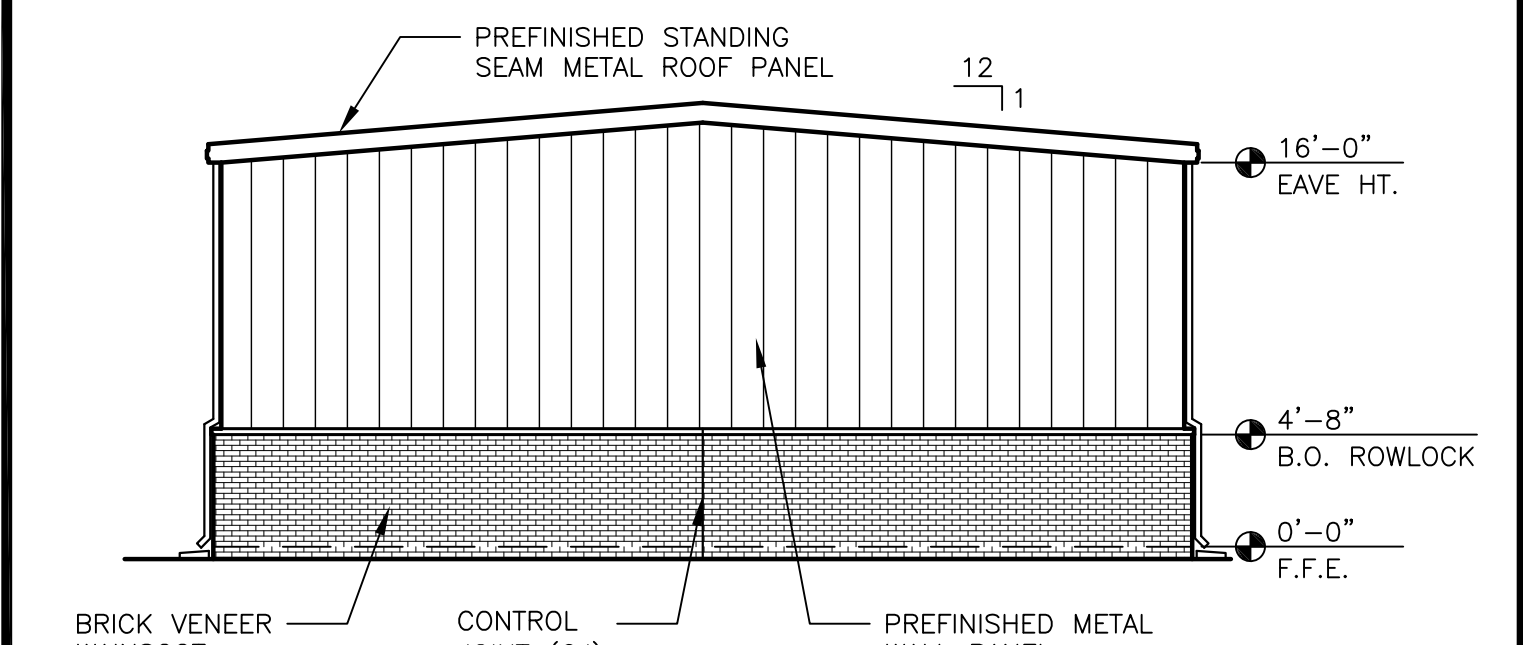
1/8"=1'-0" **FRONT BUILDING ELEVATION** 1



1/8"=1'-0" **REAR BUILDING ELEVATION** 2



1/8"=1'-0" **BUILDING SECTION A-A** 3



1/8"=1'-0" **SIDE BUILDING ELEVATION** 3

PLOT DATE: 3/15/2018

NO.	DATE	REVISION

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REGISTERED ARCHITECT
No. 302
3/14/18
ARKANSAS

SHEET TITLE
**FLOOR PLAN,
ELEVATIONS AND
SECTIONS**

DATE
3/9/18

PROJECT NO.
15-010B

SHEET NO.
A1

DESIGN CRITERIA

DESIGN PER INTERNATIONAL BUILDING CODE (2012), UNLESS NOTED OTHERWISE

FOR OFFICE BUILDING AND MEZZANINES ONLY

LIVE LOADS: (REDUCIBLE PER IBC 2012)

FLOORS: 100 PSF
100 PSF

SEISMIC:

IMPORTANCE FACTOR (Ie): 1.0
RISK CATEGORY: II
SITE CLASSIFICATION: D
SEISMIC DESIGN CATEGORY: D
MAPPED SPECTRAL RESPONSE ACCELERATION:
Ss: 0.881
S1: 0.309
MAPPED SPECTRAL DESIGN ACCELERATION:
SDS: 0.674
SD1: 0.376

BASIC SEISMIC FORCE RESISTING SYSTEM: SEISMIC FORCE RESISTING SYSTEM ORDINARY STEEL MOMENT FRAMES

RESPONSE MODIFICATION COEFFICIENT (R): 6.5
DEFLECTION AMPLIFICATION FACTOR (Cd): 5.5
SEISMIC RESPONSE COEFFICIENT (Cs): 0.1

DESIGN BASE SHEAR (V): 4.7 K
ANALYSIS PROCEDURE: EQUIV. LATERAL FORCE PROCEDURE

FOR PRE ENGINEERED METAL BUILDING ONLY

DEAD LOADS:

ROOF: COLLATERAL LOAD 2 PSF

LIVE LOADS: (REDUCIBLE PER IBC 2012)

ROOFS AND CANOPIES:
0 TO 200 SF: 20 PSF
201 TO 600 SF: 16 PSF
OVER 600 SF: 12 PSF

WIND LOADS (ASCE 7-10):

BASIC WIND SPEED (Vult): 115 MPH
BASIC WIND SPEED (Vasf): 89 MPH
RISK CATEGORY: II
WIND EXPOSURE CATEGORY: C

MAIN WIND FORCE RESISTING SYSTEM (MWFRS) PER MBM
COMPONENTS AND CLADDING PRESSURES REFER TO MBM

SNOW LOADS:

GROUND SNOW LOAD (Pg): 10 PSF
FLAT ROOF SNOW LOAD: 10 PSF
EXPOSURE FACTOR (Ce): 1.0
IMPORTANCE FACTOR (Is): 1.0
THERMAL FACTOR(Ct): 1.0

SEISMIC:

IMPORTANCE FACTOR (Ie): 1.0
RISK CATEGORY: II
SITE CLASSIFICATION: D
SEISMIC DESIGN CATEGORY: D
MAPPED SPECTRAL RESPONSE ACCELERATION:
Ss: 0.856
S1: 0.302
MAPPED SPECTRAL DESIGN ACCELERATION:
SDS: 0.660
SD1: 0.362

BASIC SEISMIC FORCE RESISTING SYSTEM: PER METAL BUILDING MANUFACTURER (MBM)

RESPONSE MODIFICATION COEFFICIENT (R): PER MBM
DEFLECTION AMPLIFICATION FACTOR (Cd): PER MBM
OVERSTRENGTH (W): PER MBM
SEISMIC RESPONSE COEFFICIENT (Cs): PER MBM
DESIGN BASE SHEAR (V): PER MBM

ANALYSIS PROCEDURE: EQUIV. LATERAL FORCE PROCEDURE

MATERIAL STRENGTHS:

CONCRETE (DESIGN PER CURRENT EDITION ACI 318)
SLAB ON GRADE: Fc=4000 PSI (MIN)
FOOTINGS/FOUNDATION WALLS: Fc=4000 PSI

ALL REINFORCING STEEL ASTM A615 GRADE 60

ALL WELDED WIRE FABRIC ASTM A185

STRUCTURAL STEEL (DESIGN PER CURRENT EDITION AISC)
ALL ANGLES SHALL BE ASTM A36

FOUNDATIONS:

FOUNDATION TYPE IS SHALLOW FOUNDATIONS OF STRIP AND SPREAD FOOTINGS BEARING ON IN SITU SOILS WITH THE FOLLOWING SOIL BEARING CAPACITIES

SOIL BEARING (DESIGN MAXIMUM): 2000 PSF (SPREAD FOOTINGS)
2000 PSF (STRIP FOOTINGS)

THE FOUNDATION CAPACITIES LISTED ABOVE ARE PER SUBSURFACE EXPLORATION BY ANDERSON ENGINEERING CONSULTANTS, INC. AND GEOTECHNICAL REPORT DATED 2/17/2016

PRE-ENGINEERED METAL BUILDINGS:

ALL METAL BUILDING COMPONENTS SHALL BE DESIGNED IN ACCORDANCE WITH THE MBMA MANUAL AND THE 2012 STANDARD BUILDING CODE INCLUDING BUT NOT LIMITED TO THE LOADS LISTED UNDER "DESIGN LOADS"

FOUNDATIONS HAVE BEEN DESIGNED FOR "PINNED" PEMB COLUMN BASES. NO MOMENTS ARE TO BE TRANSMITTED TO THE FOUNDATION SYSTEM FROM THE PEMB COLUMNS.

FOUNDATIONS HAVE BEEN DESIGNED WITH PRELIMINARY LOADS PROVIDE BY PRE-ENGINEERED METAL BUILDING MANUFACTURER. CONTRACTOR SHALL NOT EXCAVATE OR SUBMIT FOUNDATION REINFORCING SUBMITTALS UNTIL PEMB FOUNDATION LOADS HAVE BEEN SUBMITTED TO AND FOUNDATION SIZES VERIFIED BY THE STRUCTURAL ENGINEER

METAL BUILDING MANUFACTURER SHALL INCLUDE MASS OF EXTERIOR MASONRY WALL AND VENEER INTO ACCOUNT FOR SEISMIC LOADING.

METAL BUILDING SHALL ACCOUNT FOR WIND LOAD TRANSMITTED TO THE PEMB STRUCTURE FROM EXTERIOR MASONRY WALLS.

SHALLOW FOUNDATIONS:

FOOTING AND SLAB SUB-GRADE PREPARATION SHALL BE IN ACCORDANCE WITH RECOMMENDATIONS OF THE GEOTECHNICAL REPORT FOR THE PROJECT PREPARED BY ANDERSON ENGINEERING CONSULTANTS, INC. DATED 2/17/2016 AND SHALL BE IN COMPLIANCE WITH APPLICABLE REQUIREMENTS OF GOVERNING AUTHORITIES HAVING JURISDICTION. SPECIAL ATTENTION SHALL BE GIVEN TO THE 3'-0" OF RECOMMENDED UNDERCUTTING OF MATERIAL CONTAINING ORGANIC MATERIAL AND TO COMPACTION REQUIREMENTS FOR STRUCTURAL FILL.

FOUNDATIONS SHALL BEAR ON UNDISTURBED EARTH OR COMPACT FILL. REFER TO SPECIFICATION AND REQUIREMENTS OF THE GEOTECHNICAL REPORT FOR COMPACTION REQUIREMENTS FOR FILL MATERIAL.

FOUNDATIONS SHALL BEAR ON IN-SITU SOIL OR STRUCTURAL FILL HAVING A BEARING CAPACITY PER THE GEOTECHNICAL REPORT OF THE FOLLOWING

SPREAD FOOTINGS: 2000 PSF
CONT. FOOTINGS: 2000 PSF

ALL FOUNDATIONS SHALL BE INSPECTED BY THE GEOTECHNICAL ENGINEER PRIOR TO PLACEMENT TO CONFIRM THE BEARING PRESSURES LISTED ABOVE. IF FOUNDATION EXCAVATIONS OCCUR IN A DISTURBED, UNSUITABLE, OR UNSTABLE SOIL, THE ENGINEER SHALL BE NOTIFIED.

FOOTINGS SHALL NOT BE POURED AGAINST SUB-GRADE CONTAINING ICE, STANDING WATER OR LOOSE MATERIAL.

FOOTINGS SHALL BE CENTERED ON COLUMN LINES AND CENTERLINES OF WALLS UNLESS NOTED OTHERWISE ON PLANS.

DESIGN OF SLAB ON GRADE IS BASED UPON A MODULUS OF SUB GRADE REACTION OF 150 PCI PER THE GEOTECHNICAL REPORT.

SLAB ON GRADE SHALL BEAR PROPERLY AGAINST 15 VAPOR BARRIER OVER 6" COMPACTED GRANULAR DRAINAGE LAYER. DRAINAGE LAYER SHALL BE UNIFORMLY GRADED GRANULAR MATERIAL EQUIVALENT TO #57 STONE.

FINISHED FLOOR ELEVATION SHALL BE TAKEN AS 0'-0" REFER TO CIVIL DRAWINGS FOR ACTUAL ELEVATION.

SEE PLUMBING, ELECTRICAL AND CIVIL DRAWINGS FOR REQUIRED UTILITIES UNDER FLOOR SLAB AND OR FOUNDATIONS.

W90 DENOTES CONTINUOUS FOOTING SIZE. SEE FOOTING SCHEDULE FOR SIZE AND REINFORCING.
F90 DENOTES SPREAD FOOTING SIZE. SEE FOOTING SCHEDULE FOR SIZE AND REINFORCING.

BACKFILL FOR FOUNDATION, BASEMENT OR RETAINING WALLS SHALL BE SAND OR #57 UNIFORMLY GRADED BACKFILL. EXTENT OF FILL SHALL EXTEND BEYOND THE WALL EQUAL TO THE HEIGHT OF THE WALL OR A MINIMUM OF 6' BEHIND THE WALL.

SPECIFICATIONS:

STRUCTURAL STEEL:

ALL STRUCTURAL STEEL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF AISC "SPECIFICATIONS FOR STRUCTURAL STEEL BUILDINGS", AISC "SPECIFICATIONS FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS", AISC "CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES", AND AWS "STRUCTURAL WELDING CODE" EXCEPT AS MODIFIED BY THE REQUIREMENTS OF THE CONTRACT DOCUMENTS.

SITE PREPARATION:

FOOTING AND SLAB SUBGRADE PREPARATION SHALL BE IN ACCORDANCE WITH RECOMMENDATIONS OF THE GEOTECHNICAL REPORT FOR THE PROJECT PREPARED BY ANDERSON ENGINEERING CONSULTANTS, INC. DATED 2/17/2016 AND SHALL BE IN COMPLIANCE WITH APPLICABLE REQUIREMENTS OF GOVERNING AUTHORITIES HAVING JURISDICTION. SPECIAL ATTENTION SHALL BE GIVEN TO RECOMMENDED UNDERCUTTING OF MATERIAL CONTAINING ORGANIC MATERIAL.

GEOTECHNICAL:

A GEOTECHNICAL TESTING AND INSPECTION FIRM SHALL BE EMPLOYED TO PERFORM A SOIL SURVEY FOR SATISFACTORY SOIL MATERIALS, SAMPLING AND TESTING FOR QUALITY CONTROL AS PER THE RECOMMENDATIONS OF THE GEOTECHNICAL REPORT FOR THIS PROJECT. ALL EARTHWORK OPERATIONS SHALL BE PERFORMED TO THE SATISFACTION OF THE GEOTECHNICAL TESTING FIRM.

SUPPLEMENTARY NOTES:

PROVIDE ALL TEMPORARY BRACING, GUYING OR OTHER MEANS TO AVOID EXCESSIVE STRESSES AND TO HOLD STRUCTURAL ELEMENTS IN PLACE DURING CONSTRUCTION. THE STRUCTURE SHOULD NOT BE CONSIDERED STABLE UNTIL ALL STRUCTURAL ELEMENTS HAVE BEEN CONSTRUCTED.

THE STRUCTURAL ENGINEER SHALL NOT HAVE CONTROL OR BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, PROCEDURES OR SEQUENCES. FOR THE ACTS OR OMISSIONS OF THE CONTRACTOR, OR ANY OTHER PERSONS PERFORMING THE WORK, OR FOR THE FAILURE OF ANY OF THEM TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.

VERIFY ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS.

SEE ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS FOR EMBEDS, OPENINGS, SLEEVES, ETC. NOT SHOWN ON THE STRUCTURAL DRAWINGS.

ALL STRUCTURAL OPENINGS AROUND OR AFFECTED BY MECHANICAL, ELECTRICAL, AND PLUMBING EQUIPMENT SHALL BE VERIFIED WITH EQUIPMENT PURCHASED BEFORE PROCEEDING WITH STRUCTURAL WORK AFFECTED.

EMBEDMENT FOR EXPANSION BOLTS SHALL BE 3-1/4" MINIMUM FOR 3/4" DIAMETER BOLTS IN CONCRETE, 5-1/4" IN GROUTED MASONRY.

STRUCTURAL ENGINEER OF RECORD FOR THIS PROJECT IS NOT RESPONSIBLE FOR THE DESIGN OF STEEL STAIRS, HANDRAILS, COLD FORMED METAL FRAMING, OR OTHER SYSTEMS NOT INDICATED ON THE STRUCTURAL DOCUMENTS. REFER TO SPECIFICATIONS FOR THESE ITEMS FOR DEFERRED DESIGN SUBMITTAL REQUIREMENTS.

ANY ENGINEERING DESIGN PROVIDED BY OTHERS AND SUBMITTED FOR REVIEW SHALL BEAR THE SEAL OF AN ENGINEER REGISTERED IN THE STATE OF THE PROJECT.

GENERAL CONTRACTOR MUST REVIEW AND APPROVE SHOP DRAWINGS PRIOR TO SUBMITTAL TO ARCHITECT/ENGINEER SUBMITTALS WHICH DO NOT CONTAIN THE CONTRACTORS SHOP DRAWING OR STAMP OR HAVE BEEN MERELY "RUBBER STAMPED" SHALL BE RETURNED WITHOUT REVIEW.

GENERAL NOTES

CONCRETE: UNLESS NOTED OTHERWISE (UNO) ON THE DRAWINGS, MINIMUM COVER FOR REINFORCING SHALL BE AS FOLLOWS:

FOOTINGS: 3"
SLABS, WALLS, & JOISTS:
EXPOSED TO EARTH LIQUID OR WEATHER: 2"
NOT EXPOSED TO EARTH LIQUID OR WEATHER: 3/4"
COLUMNS/BEAMS: 1 1/2"
SLABS ON GRADE: 2" FROM TOP

ALL REINFORCING SHALL BE HELD SECURELY IN POSITION WITH STANDARD ACCESSORIES IN CONFORMANCE W/ THE CRSI MANUAL OF STANDARD PRACTICE AND ACI 315 DURING THE PLACING OF THE CONCRETE.

ALL REINFORCING SHALL BE DETAILED IN ACCORDANCE WITH THE ACI DETAILING MANUAL, SP-66, THE CRSI MANUAL OF CONCRETE PRACTICE AND ACI 318.

PROVIDE BAR SUPPORTS AND SPACERS IN ACCORDANCE WITH ACI 315 AND CRSI "MANUAL OF STANDARD PRACTICE." ALL BAR SUPPORTS IN AREA WHERE CONCRETE WILL BE EXPOSED SHALL HAVE PLASTIC TIPPED FEET. THE CONTRACTOR IS CAUTIONED THAT CARE MUST BE EXERCISED TO PREVENT EXPOSURE OF THE TIE WIRE OR OTHER MATERIAL WHICH MAY CAUSE STAINING OF EXPOSED CONCRETE. PROPER COVER AS INDICATED ABOVE SHALL BE MAINTAINED ON ALL REINFORCEMENT.

UNLESS NOTED OTHERWISE, SPLICES IN REINFORCING, WHERE PERMITTED, SHALL BE CLASS B TENSION SPLICES AS FOLLOWS.

GENERAL NOTES

CONCRETE: UNLESS NOTED OTHERWISE (UNO) ON THE DRAWINGS, MINIMUM COVER FOR REINFORCING SHALL BE AS FOLLOWS:

FOOTINGS: 3"
SLABS, WALLS, & JOISTS:
EXPOSED TO EARTH LIQUID OR WEATHER: 2"
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UNLESS NOTED OTHERWISE, SPLICES IN REINFORCING, WHERE PERMITTED, SHALL BE CLASS B TENSION SPLICES AS FOLLOWS:

Table with columns for fc, #6 and Smaller, #7 and Larger, and sub-columns for Class A and Class B bars.

NOTES:

- 1. ALL LAPS SHALL BE CLASS B UNLESS NOTED OTHERWISE.
2. BEAMS AND COLUMNS: INCREASE LAPS SHOWN BY 50% IF CLEAR SPACING OF BARS IS LESS THAN 2db, OR IF CLEAR COVER OF BARS IS LESS THAN db.
3. WALLS, SLABS AND FOOTINGS: INCREASE LAPS SHOWN BY 50% IF CLEAR SPACING OF BARS IS LESS THAN 2db, OR IF CLEAR COVER OF BARS IS LESS THAN db.
4. INCREASE LAPS BY 25% FOR GRADE 75 REINFORCEMENT.
5. INCREASE LAPS BY 33% FOR LIGHTWEIGHT CONCRETE.

WELDED WIRE FABRIC SHALL BE LAPPED A MINIMUM OF WIRE SPACING + 6" AND TIED

WELDED WIRE FABRIC SHALL BE FABRICATED IN FLAT SHEETS. ROLLS ARE NOT ALLOWED.

ALL HOOKS IN REINFORCING BARS SHALL BE ACI STANDARD HOOKS, U.N.O.

DOWELS FROM FOUNDATIONS OR SLABS TO WALLS SHALL MATCH WALL REINFORCING, UNLESS NOTED OTHERWISE. DOWELS SHALL BE PLACED BEFORE CONCRETE IS POURED. DOWELS SHALL NOT BE PUSHED INTO THE CONCRETE.

WHERE GRADE BEAMS OR STRIP FOOTINGS INTERSECT COLUMNS FOUNDATIONS, EXTEND GRADE BEAM OR STRIP FOOTING REINFORCEMENT CONTINUOUSLY THROUGH THE COLUMN FOUNDATION.

PROVIDE 3/4" CHAMFER AT ALL EXPOSED CORNERS OF BEAMS, WALLS, SLABS, ETC.

ALL CONCRETE SHALL BE MECHANICALLY VIBRATED IN ACCORDANCE WITH ACI 304 AND ACI 309.

ALL EXTERIOR CONCRETE PERMANENTLY EXPOSED TO WEATHER SHALL CONTAIN AN AIR ENTRAINING ADMIXTURE.

PLUMBING, MECHANICAL, AND ELECTRICAL CONTRACTORS SHALL SUBMIT SIZES AND LOCATIONS OF ALL PENETRATIONS THROUGH ELEVATED STRUCTURAL SLABS FOR THE STRUCTURAL ENGINEERS APPROVAL PRIOR TO PLACEMENT OF THE SLAB. NO OPENINGS OR PENETRATIONS SHALL BE ADJACENT TO A COLUMN OR WITHIN A DISTANCE EQUAL TO THE THICKNESS OF THE SLAB FROM THE FACE OF THE COLUMN UNLESS APPROVED BY THE STRUCTURAL ENGINEER.

ALL PIPE PENETRATIONS THROUGH ELEVATED CONCRETE SLABS SHALL BE SLEEVED PER ACI 318

ANY CONDUIT AND/OR PIPE RUNNING IN A SLAB OR WALL SHALL BE SPACED NOT LESS THAN 3 DIAMETERS AND SHALL NOT BE LARGER THAN 1/3. THE CONTRACTOR SHALL REFER TO AND COORDINATE WITH OTHER DISCIPLINES DRAWINGS AND OR VENDOR DRAWINGS FOR EMBEDDED ITEMS AND OR RECESSES NOT SHOWN IN THE STRUCTURAL DRAWINGS.

PROVIDE 1/2" PRE-MOLDED EXPANSION JOINT MATERIAL WITH FLEXIBLE JOINT SEALANT WHERE SLAB ON GRADE IS POURED AROUND COLUMNS AND AGAINST GRADE BEAMS OR WALLS, UNLESS OTHERWISE SHOWN OR NOTED.

CONCRETE SLABS ON GRADE SHALL BE CURED USING A LIQUID MEMBRANE FORMING CURING COMPOUND WHERE PRACTICAL. REFER TO THE SPECIFICATIONS FOR FURTHER INFORMATION.

VAPOR BARRIER FOR SLAB ON GRADE SHALL BE MIN 15 MILS THICK AND OVERLAP SEAMS 6" AND BE TAPED.

SAWN CONTROL JOINTS IN SLAB ON GRADE SHALL BE CUT IN ACCORDANCE WITH ACI 302.1R. JOINTS SHALL BE CUT WITHIN 12HRS OF SLAB PLACEMENT.

CONTROL JOINTS ARE DIAGRAMMATICALLY SHOWN ON THE PLANS. THE CONTRACTOR MAY ADJUST THE SPACING OF THE JOINTS AND SUBMIT A REVISED SLAB CONTROL JOINT PLAN TO THE ENGINEER FOR APPROVAL. THE LENGTH TO WIDTH RATIO BETWEEN JOINTS SHALL NOT EXCEED 1.5 AND THE AREA BOUNDED BY THE JOINTS SHALL NOT EXCEED 200SF FOR 4' SLABS AND 400SF FOR 6' SLABS.

PROVIDE 2-#4 x 3'-0" LONG DIAGONAL BARS, SPACE 6" O.C AT 2' BELOW FINISHED FLOOR AT ALL RE-ENTRANT CORNERS IN SLABS. EXTEND REINF. PAST RE-ENTRANT CORNERS A MINIMUM OF 12"

CONCRETE SLABS SHALL CONFORM TO ACI 117-90 FOR FLATNESS AND LEVELNESS. ACCORDING TO ASTM E 1155:

Table with columns for COMPOSITE FLATNESS (F) and COMPOSITE LEVELNESS (F), and rows for SPEC. OVERALL VALUE and MIN. LOCAL VALUE.

STRUCTURAL STEEL:

STRUCTURAL STEEL FABRICATION, ERECTION, AND DETAILING SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE AISC SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS AND THE AISC CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES.

STRUCTURAL STEEL FABRICATOR SHALL BE AISC CERTIFIED, CATEGORY Sbd, OR HAVE AN INDEPENDENT TESTING LABORATORY APPROVED BY THE ARCHITECT OR ENGINEER CERTIFY THAT THE FABRICATION PROCEDURES USED ARE IN ACCORDANCE WITH AISC SPECIFICATIONS AND THESE REQUIREMENTS.(USE THIS OPTION FOR SMALL PROJECT \$100K OR LESS IN STEEL COST)

OTHER CONNECTIONS: WELDED STUDS ASTM A108, GRADE 1015 THRU 1020

ALL STRUCTURAL STEEL AND LINTELS EXPOSED TO THE WEATHER SHALL BE HOT DIPPED GALVANIZED.

UNLESS NOTED OTHERWISE, BEAM TO BEAM AND BEAM TO COLUMN CONNECTIONS SHALL BE AISC SIMPLE FRAMING CONNECTIONS UNLESS NOTED OTHERWISE.

ALL WELDS SHALL BE MADE WITH E70XX ELECTRODES

MINIMUM SIZE OF ALL FILLET WELDS SHALL BE 3/16" AND SHALL CONFORM TO SECTION J2 AISC SPECIFICATIONS EVEN IF SHOWN OTHERWISE ON ARCHITECTURAL, MECHANICAL, OR STRUCTURAL DRAWINGS.

ALL WELDS ALONG THE LENGTH OF MEMBERS INDICATED ON ARCHITECTURAL OR STRUCTURAL DRAWINGS, BUT NOT SIZED SHALL BE A MINIMUM OF A 3" @12' O.C, 3/16" FILLET WELD EA. SIDE.

ALL WELDS SHALL BE PERFORMED BY CERTIFIED WELDERS FOR THE TYPE OF WELDING PERFORMED IN ACCORDANCE WITH THE WELDING CODE AWS D1.1- STRUCTURAL WELDING CODE.

ANGLE FRAME MEMBERS AROUND TRENCHES, PITS, OPENINGS, ETC. SHALL BE MITERED, WELDED, AND GROUND SMOOTH.

ALL ARCHITECTURALLY EXPOSED STEEL SHALL HAVE WELDS GROUND SMOOTH.

PLOT DATE: 10/30/2017

Table with columns for NO., DATE, REVISION, and empty rows for tracking changes.

LAWRENCE COUNTY MAINTENANCE BUILDING WALNUT RIDGE, AR

SSR SOUTH-BUILD CONSULTANT logo and contact information.

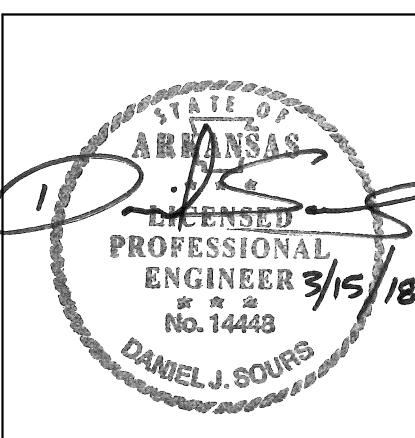


Table with columns for SHEET TITLE, DATE, PROJECT NO., SHEET NO., and values: GENERAL NOTES, 1/31/18, 15-010B, S0.1



SSR Smith Seckman Reid, Inc. 2650 Thousand Oaks Boulevard, Suite 3200, Memphis, TN 38118, (901) 683-3900, www.ssr-inc.com, SSR Project #: 15671180

STATEMENT OF SPECIAL INSPECTIONS		
THIS STATEMENT OF SPECIAL INSPECTIONS IS SUBMITTED AS REQUIRED FOR BUILDING PERMIT ISSUANCE IN ACCORDANCE WITH THE SPECIAL INSPECTION AND STRUCTURAL TESTING REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE. THIS STATEMENT OF SPECIAL INSPECTIONS IS ONLY FOR THE STRUCTURAL PORTION OF THE WORK. REFER TO OTHER DISCIPLINES FOR OTHER SPECIAL INSPECTION REQUIREMENTS FOR THIS PROJECT.		
THE OWNER OR REGISTERED DESIGN PROFESSIONAL IN CHARGE (ARCHITECT) ACTING AS THE OWNERS AGENT SHALL EMPLOY ONE OR MORE AGENCIES APPROVED BY THE BUILDING OFFICIAL TO PERFORM INSPECTION DURING CONSTRUCTION. THESE INSPECTIONS ARE IN ADDITION TO SECTION 110 OF THE IBC. CONTRACTOR IS RESPONSIBLE TO ENSURE THE INSPECTOR IS PRESENT WHERE WORK REQUIRES PERIODIC OR CONTINUOUS INSPECTION.		
RESPONSIBILITIES OF THE SPECIAL INSPECTOR		
THE INSPECTOR SHALL KEEP RECORDS OF ALL INSPECTIONS AND SHALL FURNISH INSPECTION REPORTS TO THE BUILDING OFFICIAL, AND THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE. DISCOVERED DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE CONTRACTOR FOR CORRECTION. IF SUCH DISCREPANCIES ARE NOT CORRECTED, THE DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE BUILDING OFFICIAL AND THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE. A FINAL REPORT DOCUMENTING ALL THE REQUIRED SPECIAL INSPECTIONS AND TESTING, AND CORRECTION OF ANY DISCREPANCIES NOTED PREVIOUSLY SHALL BE SUBMITTED TO THE BUILDING OFFICIAL PRIOR TO ISSUANCE OF A CERTIFICATE OF USE AND OCCUPANCY.		
FABRICATIONS		
SPECIAL INSPECTIONS OF THE FABRICATION PROCESS SHALL NOT BE REQUIRED WHERE FABRICATION OF STRUCTURAL LOAD BEARING MEMBERS AND ASSEMBLIES IS BEING PERFORMED ON THE PREMISES OF A FABRICATOR IS REGISTERED AND APPROVED TO PERFORM THE WORK WITHOUT SPECIAL INSPECTIONS. AT THE COMPLETION OF THE FABRICATION, THE APPROVED FABRICATOR SHALL SUBMIT A CERTIFICATE OF COMPLIANCE TO THE BUILDING OFFICIAL.		
THE SPECIAL INSPECTIONS ARE IN ADDITION TO THE MATERIAL TESTING AND INSPECTIONS LISTED IN THE CONTRACT SPECIFICATIONS. CONTRACTOR IS TO COORDINATE SPECIAL INSPECTIONS, MATERIAL SPECIFIC TESTING AND INSPECTIONS WITH THE OWNER FURNISHED SPECIAL INSPECTOR MATERIAL TESTING LABS.		
THE SPECIAL INSPECTIONS INDICATED HEREIN DO NOT RELIEVE THE CONTRACTOR FROM THEIR RESPONSIBILITIES. CONTRACTOR SHALL PAY FOR ANY ADDITIONAL TESTING OR INSPECTION REQUIRED FROM WORK OR MATERIALS NOT IN CONFORMANCE WITH THE CONTRACT DOCUMENTS.		
THE STATEMENT OF SPECIAL INSPECTIONS INCLUDES REQUIRED VERIFICATION AND INSPECTION OF THE FOLLOWING SECTIONS:		
1. CONCRETE CONSTRUCTION		
2. SOILS		
3. STRUCTURAL STEEL CONSTRUCTION		
COMPONENTS PART OF THE MAIN WIND FORCE RESISTING SYSTEM AND SUBJECTED TO SPECIAL INSPECTIONS FOR WIND RESISTANCE: NA		
COMPONENTS PART OF THE MAIN SEISMIC FORCE RESISTING SYSTEM AND SUBJECTED TO SPECIAL INSPECTIONS FOR SEISMIC RESISTANCE: NA		
AISC 360-10: SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS		
TASK	CONTINUOUS	PERIODIC
TABLE N5.4-1 INSPECTION TASKS PRIOR TO WELDING		
1. WELDING PROCEDURE SPECIFICATIONS (WPSs) AVAILABLE	X	-
2. MANUFACTURER CERTIFICATIONS FOR WELDING CONSUMABLES AVAILABLE	X	-
3. MATERIAL IDENTIFICATION (TYPE/GRADE)	-	X
4. WELDER IDENTIFICATION SYSTEM	-	X
5. FIT-UP OF GROOVE WELDS (INCLUDING JOINT GEOMETRY)	-	X
A. JOINT PREPARATION	-	X
B. DIMENSIONS (ALIGNMENT, ROOT OPENING, ROOT FACE, BEVEL)	-	X
C. CLEANLINESS (CONDITION OF STEEL SURFACES)	-	X
D. TACKLING (TACK WELD QUALITY AND LOCATION)	-	X
E. BACKING TYPE AND FIT (IF APPLICABLE)	-	X
6. CONFIGURATION AND FINISH OF ACCESS HOLES	-	X
7. FIT-UP OF FILLET WELDS	-	X
A. DIMENSIONS (ALIGNMENT, GAPS AT ROOT)	-	X
B. CLEANLINESS (CONDITION OF STEEL SURFACES)	-	X
C. TACKLING (TACK WELD QUALITY AND LOCATION)	-	X
8. CHECK WELDING EQUIPMENT	-	X
TABLE N5.4-2 INSPECTION TASKS DURING WELDING		
1. USE OF QUALIFIED WELDERS	-	X
2. CONTROL AND HANDLING OF WELDING CONSUMABLES	-	X
A. PACKING	-	X
B. EXPOSURE CONTROL	-	X
3. NO WELDING OVER CRACKED TACK WELDS	-	X
4. ENVIRONMENTAL CONDITIONS	-	X
A. WIND SPEED WITHIN LIMITS	-	X
B. PRECIPITATION AND TEMPERATURE	-	X
5. WPS FOLLOWED	-	X
A. SETTINGS ON WELDING EQUIPMENT	-	X
B. TRAVEL SPEED	-	X
C. SELECTED WELDING MATERIALS	-	X
D. SHIELDING GAS TYPE/RATE FLOW	-	X
E. PREHEAT APPLIED	-	X
F. INTERPASS TEMPERATURE MAINTAINED (MIN./MAX.)	-	X
G. PROPER POSITION (F, V, H, OH)	-	X
6. WELDING TECHNIQUES	-	X
A. INTERPASS AND FINAL CLEANING	-	X
B. EACH PASS WITHIN PROFILE LIMITATIONS	-	X
C. EACH PASS MEETS QUALITY REQUIREMENTS	-	X

TABLE N5.4-3 INSPECTION TASKS AFTER WELDING		
1. WELDS CLEANED	-	X
2. SIZE, LENGTH AND LOCATION OF WELDS	X	-
3. WELDS MEET VISUAL ACCEPTANCE CRITERIA	-	X
A. CRACK PROHIBITION	-	X
B. WELDBASE-METAL FUSION	-	X
C. CRATER CROSS SECTION	-	X
D. WELD PROFILES	-	X
E. WELD SIZE	-	X
F. UNDERCUT	-	X
G. POROSITY	-	X
4. ARC STRIKES	X	-
5. k-AREA	X	-
6. BACKING REMOVED AND WELD TABS REMOVED (IF REQUIRED)	X	-
7. REPAIR ACTIVITIES	X	-
8. DOCUMENT ACCEPTANCE OR REJECTION OF WELDED JOINT OR MEMBER	X	-

TABLE N5.6-1 INSPECTION TASKS PRIOR TO BOLTING		
1. MANUFACTURER'S CERTIFICATIONS AVAILABLE FOR FASTENER MATERIAL	X	-
2. FASTENERS MARKED IN ACCORDANCE WITH ASTM REQUIREMENTS	-	X
3. PROPER FASTENERS SELECTED FOR THE JOINT DETAIL (GRADE, TYPE, BOLT LENGTH IF THREADS ARE TO BE EXCLUDED FROM SHEAR PLANE)	-	X
4. PROPER BOLTING PROCEDURE SELECTED FOR JOINT DETAIL	-	X
5. CONNECTING ELEMENTS, INCLUDING THE APPROPRIATE FAYING SURFACE CONDITION AND HOLE PREPARATION, IF SPECIFIED, MEET APPLICABLE REQUIREMENTS	-	X
6. PRE-INSTALLATION VERIFICATION TESTING BY INSTALLATION PERSONNEL OBSERVED AND DOCUMENTED FOR FASTENER ASSEMBLIES AND METHOD USED	X	X
7. PROPER STORAGE PROVIDED FOR BOLTS, NUTS, WASHERS AND OTHER FASTENER COMPONENTS	-	X

TABLE N5.6-2 INSPECTION TASKS DURING BOLTING		
1. FASTENER ASSEMBLIES, OF SUITABLE CONDITION, PLACED IN ALL HOLES AND WASHERS (IF REQUIRED) ARE POSITIONED AS REQUIRED	-	X
2. JOINT BROUGHT TO THE SNUG-TIGHT CONDITION PRIOR TO THE PRETENSIONING OPERATION	-	X
3. FASTENER COMPONENT NOT TURNED BY THE WRENCH PREVENTED FROM ROTATING	-	X
4. FASTENERS ARE PRETENSIONED IN ACCORDANCE WITH THE RSCS SPECIFICATION, PROGRESSING SYSTEMATICALLY FROM THE MOST RIGID POINT TOWARD THE FREE EDGES	-	X

TABLE N5.6-3 INSPECTION TASKS AFTER BOLTING		
1. DOCUMENT ACCEPTANCE OR REJECTION OF BOLTED CONNECTIONS	X	-

TABLE 1705.3, REQUIRED VERIFICATION AND INSPECTION OF CONCRETE CONSTRUCTION					
VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC	REFERENCED STANDARD	IBC REFERENCE	
1. INSPECTION OF REINFORCING STEEL, INCLUDING PRESTRESSING TENDONS, AND PLACEMENT.	---	X	ACI 318: 3.5, 7.1-7.7	1910.4	
2. INSPECTION OF REINFORCING STEEL WELDING IN ACCORDANCE WITH TABLE 1705.2.2, ITEM 2B.	---	---	AWS D1.4 ACI 318:3.5.2	---	
3. INSPECTION OF ANCHORS CAST IN CONCRETE WHERE ALLOWABLE LOADS HAVE BEEN INCREASED OR WHERE STRENGTH DESIGN IS USED.	---	X	ACI 318:8.1.3, 21.2.8	1908.5, 1909.1	
4. INSPECTION OF ANCHORS POST-INSTALLED IN HARDENED CONCRETE MEMBERS	---	X	ACI 318: 3.8.6, 8.1.3, 21.2.8	1909.1	
5. VERIFYING USE OF REQUIRED DESIGN MIX	---	X	ACI 318: CH. 4.5.2-5.4	1904.2, 1910.2, 1910.3	
6. AT THE TIME OF FRESH CONCRETE IS SAMPLED TO FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE.	X	---	ASTM C172 ASTM C31 ACI 318: 5.6, 5.8	1910.10	
7. INSPECTION OF CONCRETE AND SHOTCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES.	X	---	ACI 318: 5.9, 5.10	1910.6, 1910.7, 1910.8	
8. INSPECTION FOR MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES.	---	X	ACI 318: 5.11-5.13	1910.9	
9. INSPECTION OF PRESTRESSED CONCRETE:					
A. APPLICATION OF PRESTRESSING FORCES.	X	---			
B. GROUTING OF BONDED PRESTRESSING TENDONS IN THE SEISMIC FORCE-RESISTING SYSTEM.	X	---	ACI 318: 18.20 ACI 318: 18.18.4	---	
10. ERECTION OF PRECAST CONCRETE MEMBERS.	---	X	ACI 318: CH. 16	---	
11. VERIFICATION OF IN-SITU CONCRETE STRENGTH, PRIOR TO STRESSING OF TENDONS IN POST-TENSIONED CONCRETE AND PRIOR TO REMOVAL OF SHORES AND FORMS FROM BEAMS AND STRUCTURAL SLABS.	---	X	ACI 318: 6.2	---	
12. INSPECT FORMWORK FOR SHAPE, LOCATION, AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED.	---	X	ACI 318: 6.1.1	---	

TABLE 1705.6, REQUIRED VERIFICATION AND INSPECTION OF SOILS		
VERIFICATION AND INSPECTION TASK	CONTINUOUS	PERIODIC
1. VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY.	---	X
2. VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL.	---	X
3. PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS.	---	X
4. VERIFY USE OF PROPER MATERIALS, DENSITIES, AND LIFT THICKNESSES DURING PLACEMENT AND COMPACTION OF COMPACTED FILL.	X	---
5. PRIOR TO PLACEMENT OF COMPACTED FILL, OBSERVE SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY.	---	X

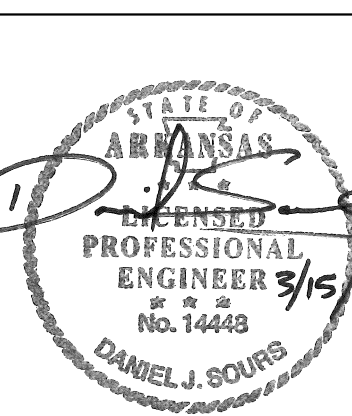
NO. DATE REVISION

LAWRENCE COUNTY
MAINTENANCE BUILDING
WALNUT RIDGE, AR

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8001 Poplar Avenue, Suite 205
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SB SOUTH-BUILD
CONSULTANT
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Memphis, Tennessee 38119
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Fax: (901) 482-3308



SHEET TITLE
SPECIAL INSPECTION NOTES

DATE
1/31/18

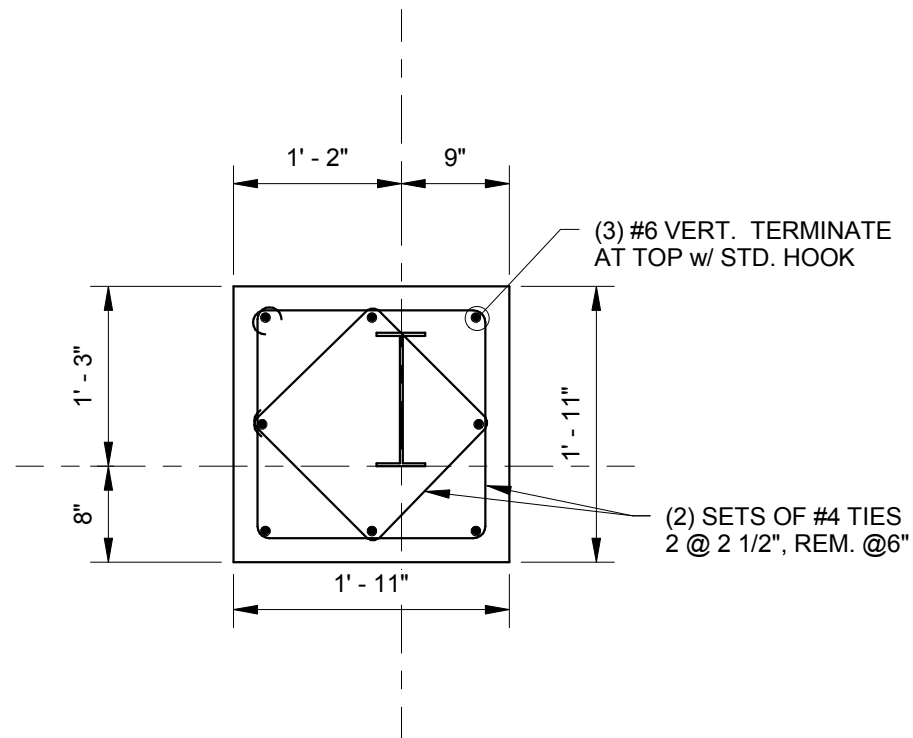
PROJECT NO.
15-010B

SHEET NO.
S0.3

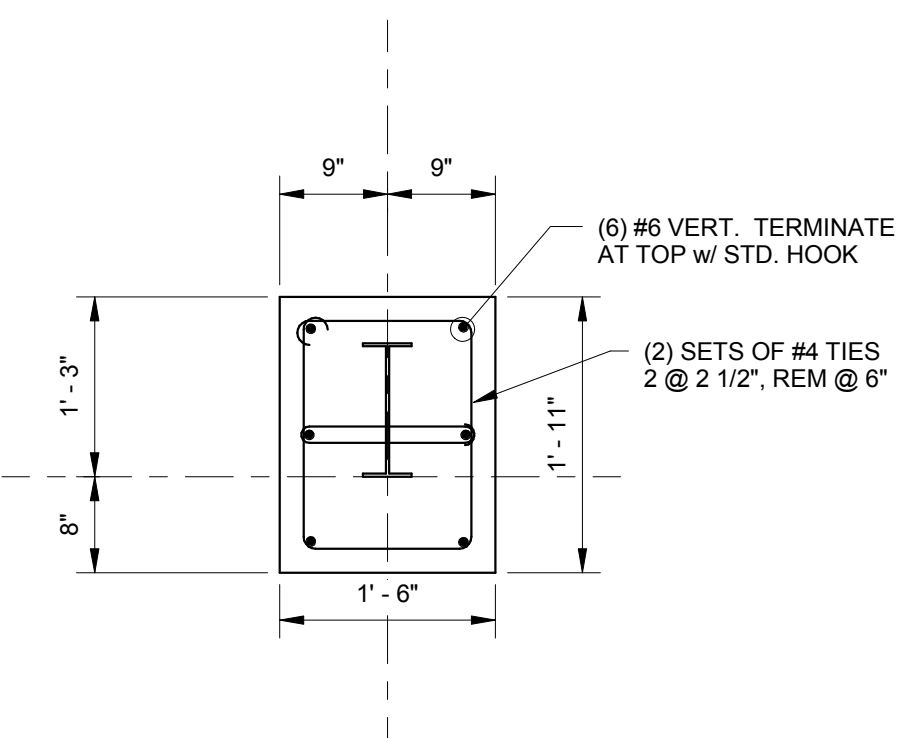


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www.ssr-inc.com
SSR Project #: 15671180

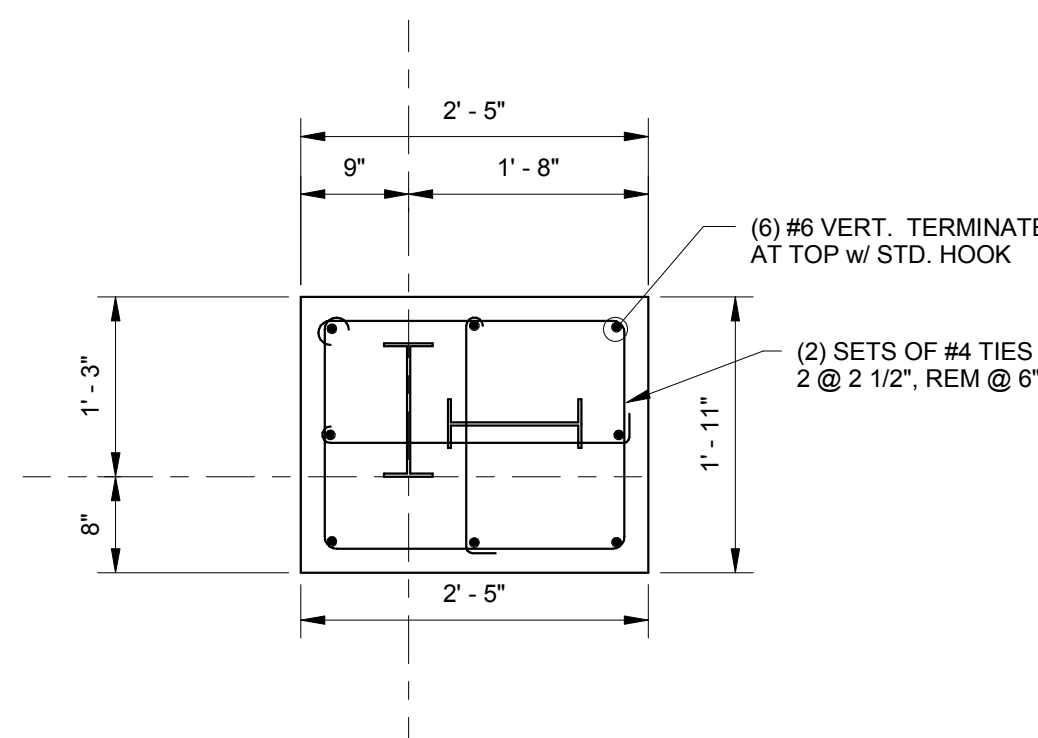
PLOT DATE: 10/30/2017



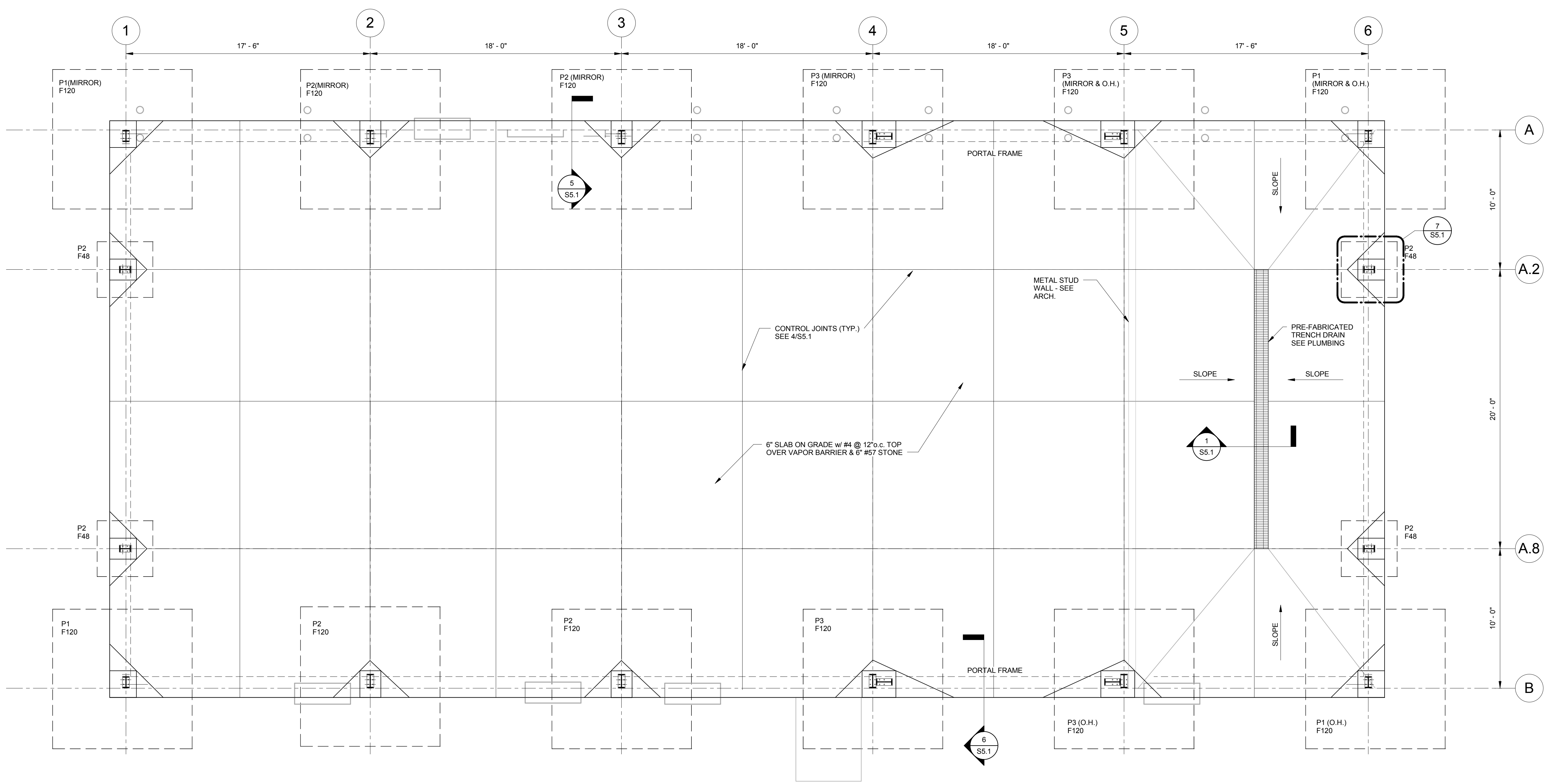
1 PEDESTAL P1
3/4" = 1'-0"



2 PEDESTAL P2
3/4" = 1'-0"



3 PEDESTAL P3
3/4" = 1'-0"



FOOTING SCHEDULE			
MARK	SIZE	REINFORCING	REMARKS
F48	4'-0" x 4'-0" x 1'-0" THK	(4) #5 TOP & BTM E.W.	STD. HOOKS E.E.
F120	10'-0" x 10'-0" x 2'-0" THK	(12) #6 TOP & BTM E.W.	

A FOUNDATION PLAN
1/4" = 1'-0"

- NOTES:
 1. REFER TO S0.1 AND S0.2 FOR GENERAL NOTES.
 2. REFER TO S0.3 FOR SPECIAL INSPECTION NOTES.
 3. T/FTG. = 1'-6" (TYP. U.N.O.)
 4. T/PEDESTAL = 0'-0" (TYP. U.N.O.)

PLOT DATE: 10/30/2017

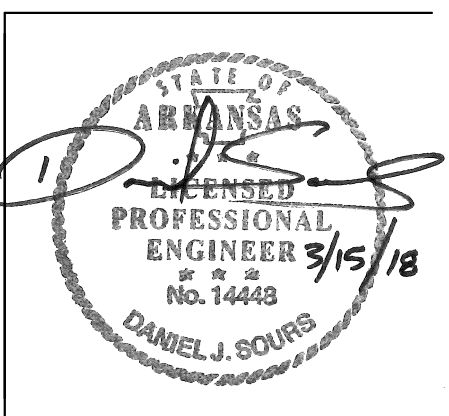
NO.	DATE	REVISION

**LAWRENCE COUNTY
MAINTENANCE BUILDING**
WALNUT RIDGE, AR

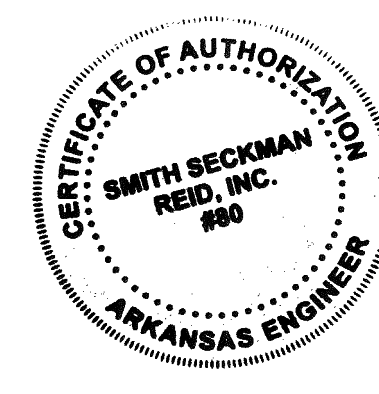
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1428 Knox Road
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Fax: (901) 213-2886

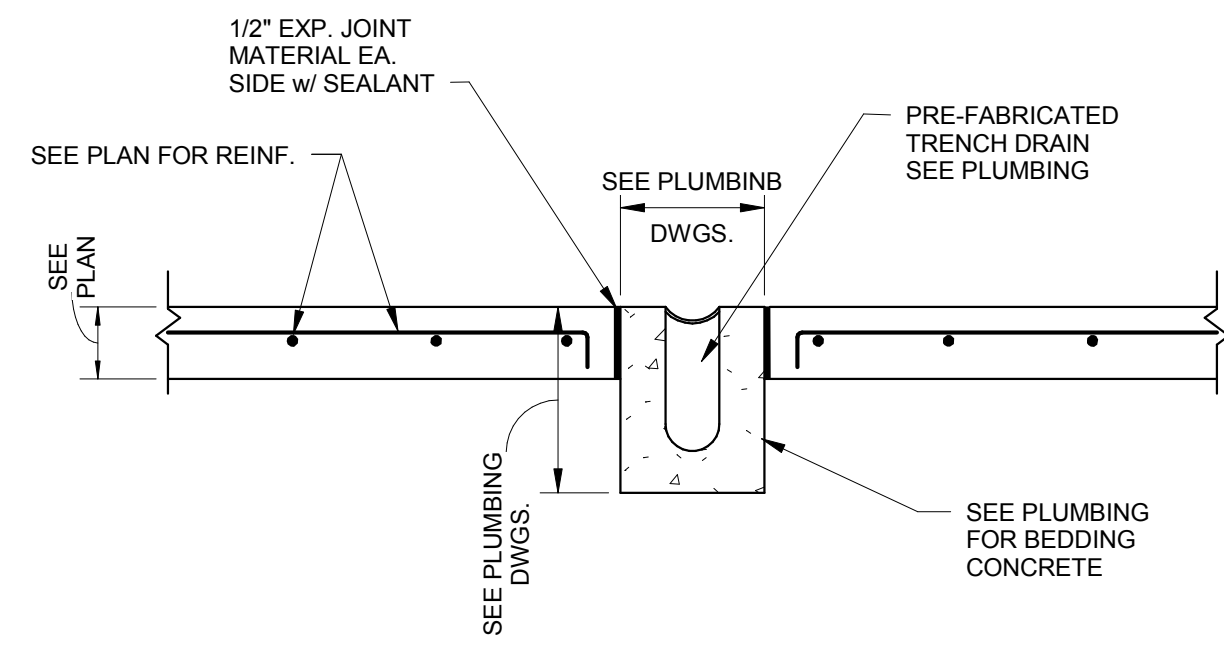
SB SOUTH-BUILD
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5140 Poplar Avenue, Suite 205
Memphis, Tennessee 38119
Phone: (901) 882-2325
Fax: (901) 882-2325



SHEET TITLE	FOUNDATION PLAN
DATE	1/31/18
PROJECT NO.	15-010B
SHEET NO.	S1.0

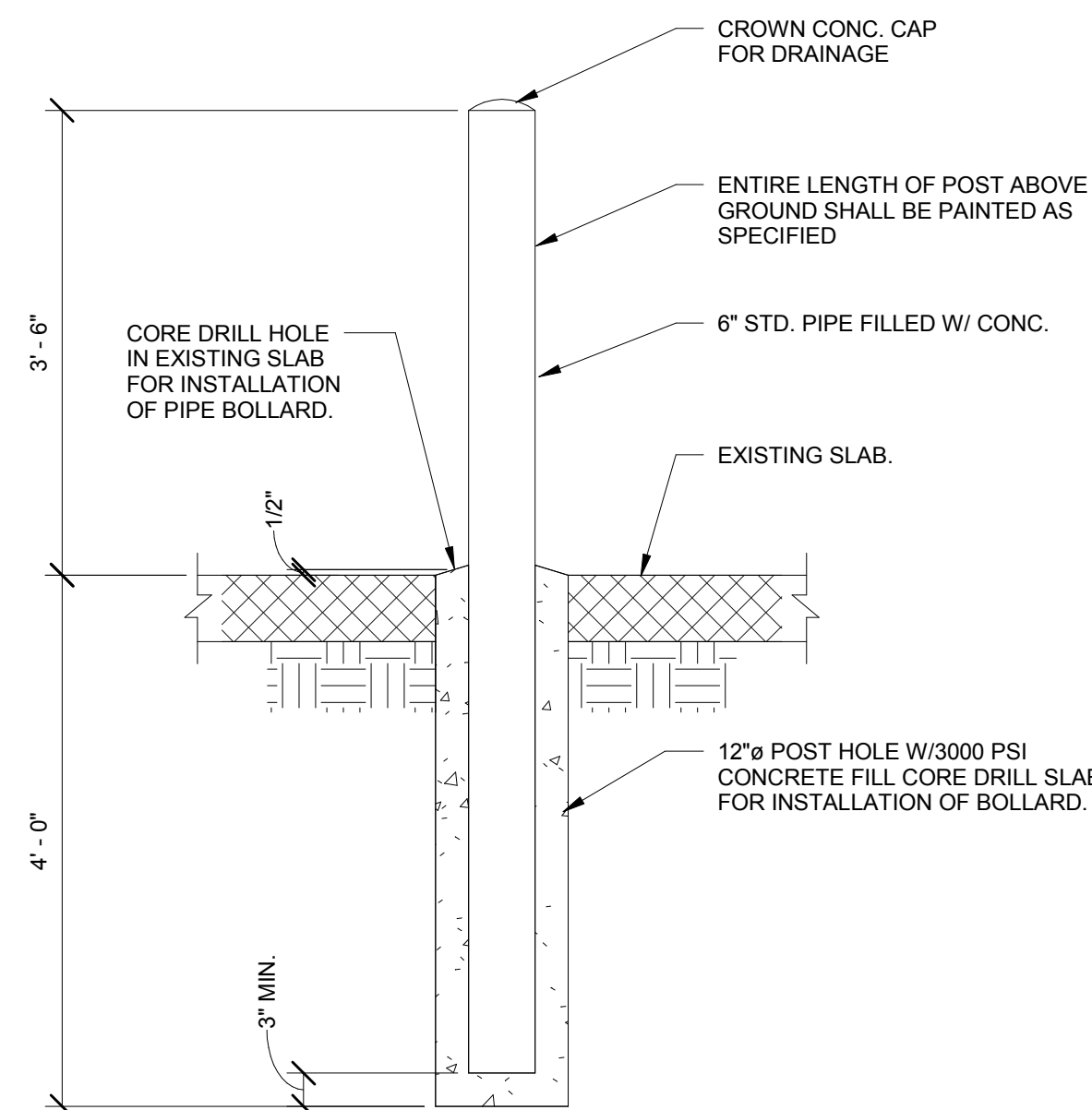


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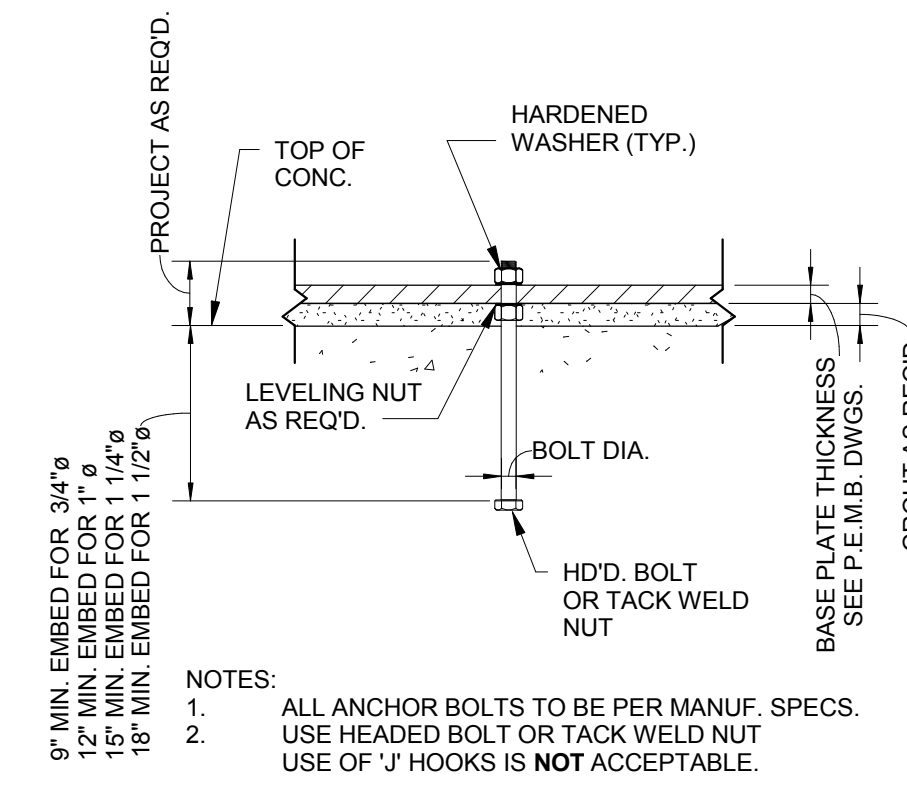
1 TRENCH DRAIN DETAIL

3/4" = 1'-0"



2 PIPE BOLLARD DETAIL

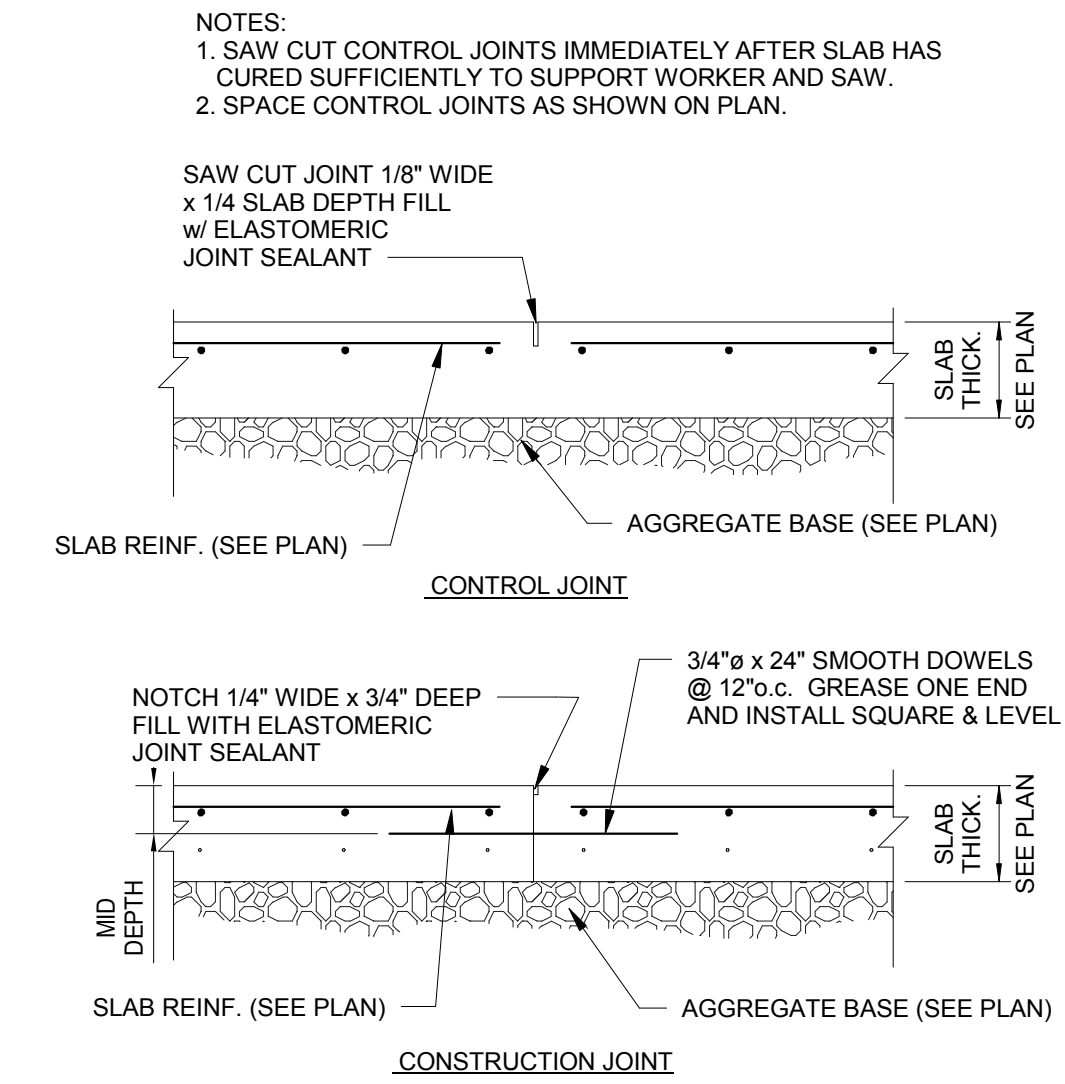
3/4" = 1'-0"



NOTES:
 1. ALL ANCHOR BOLTS TO BE PER MANUF. SPECS. USE HEADED BOLT OR TACK WELD NUT USE OF 'J' HOOKS IS NOT ACCEPTABLE.

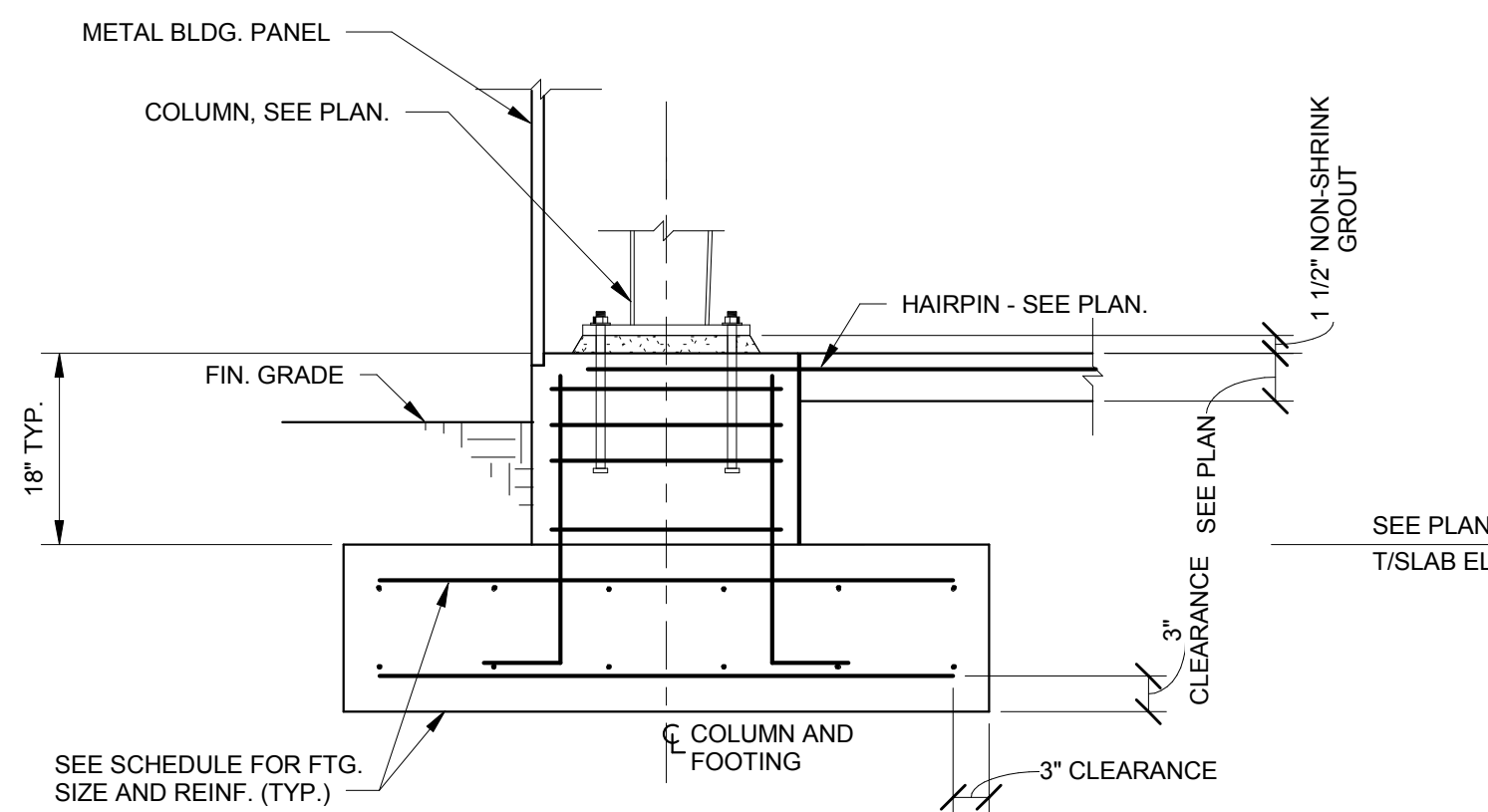
3 METAL BLDG. ANCHOR BOLT DETAIL

3/4" = 1'-0"



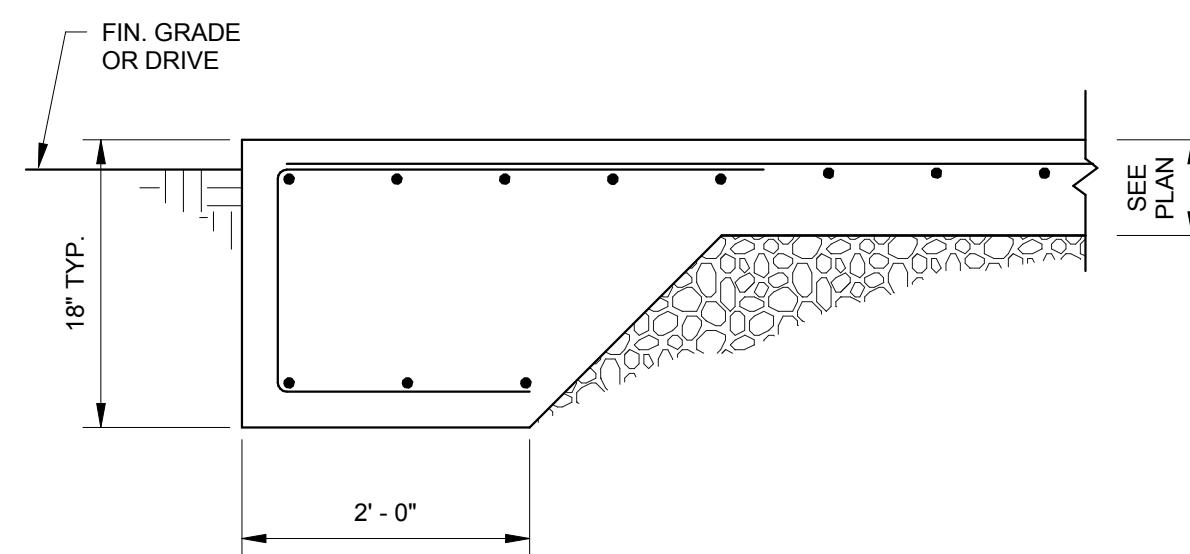
4 TYP. SLAB ON GRADE JOINTS

3/4" = 1'-0"



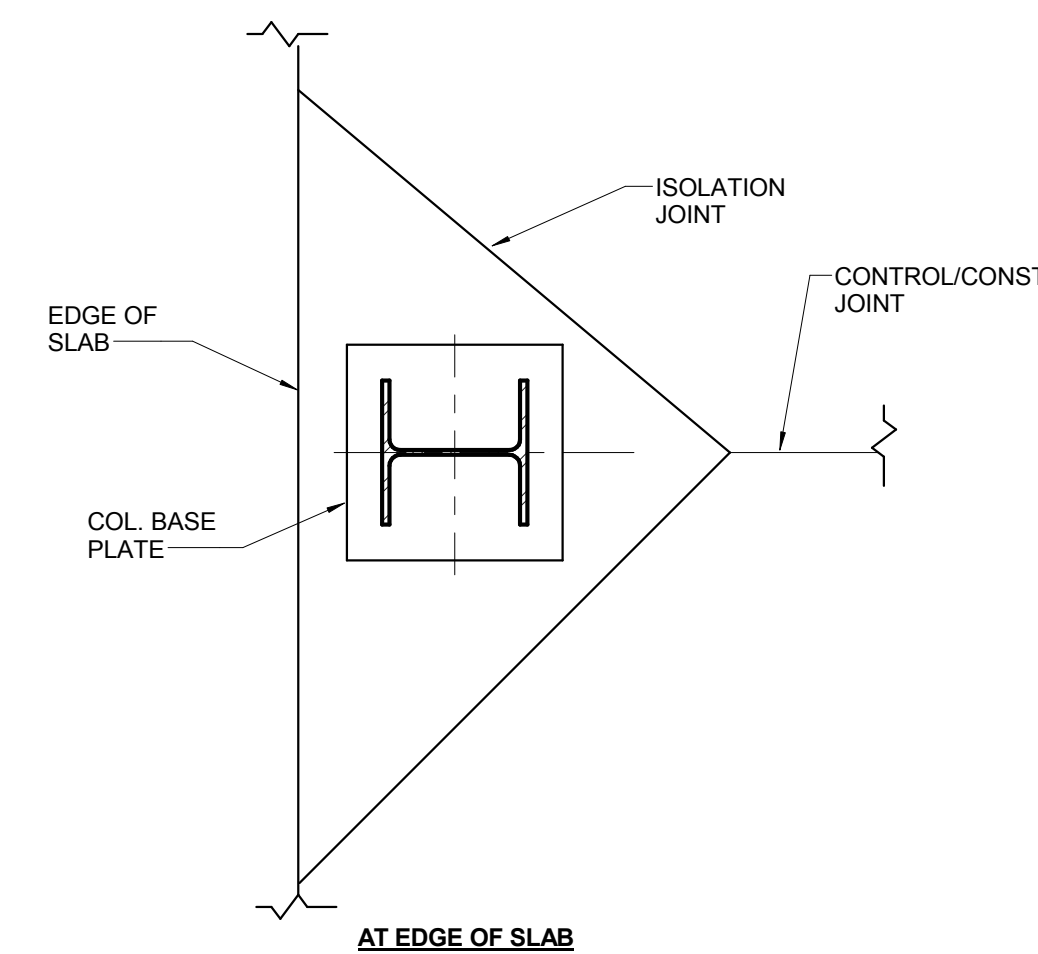
5 TYPICAL COLUMN FOOTING

3/4" = 1'-0"



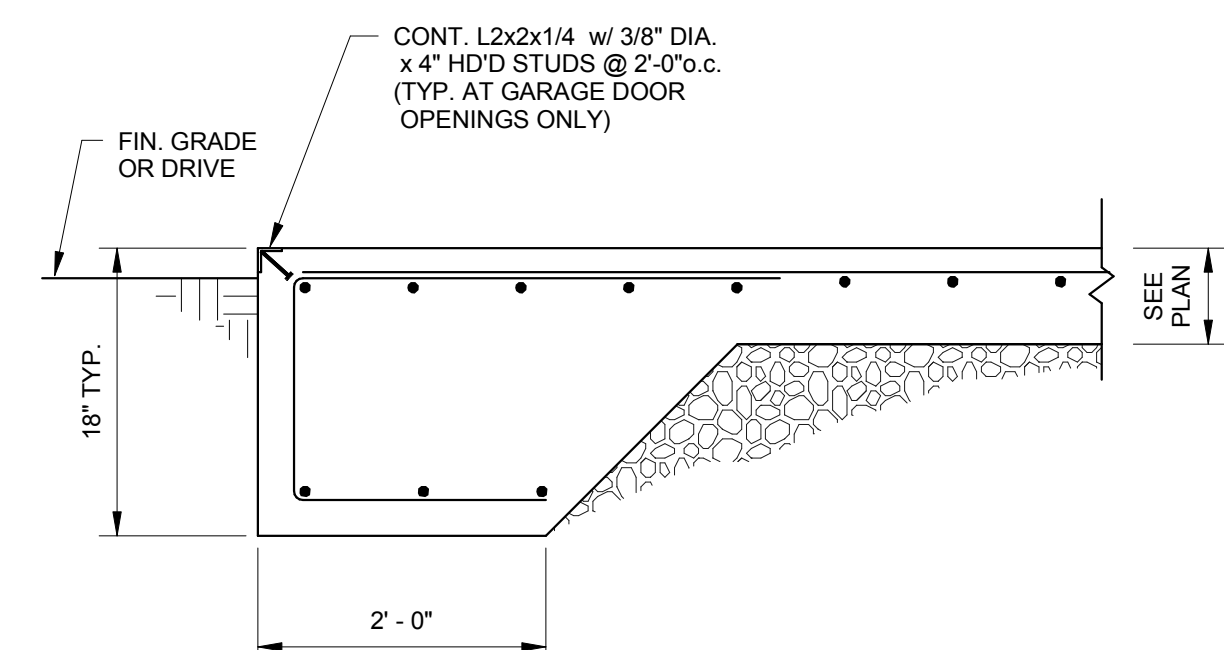
6 TYP. TURNED DOWN SLAB

3/4" = 1'-0"



7 TYPICAL ISOLATION JOINTS

3/4" = 1'-0"



8 SLAB EDGE AT GARAGE DOORS

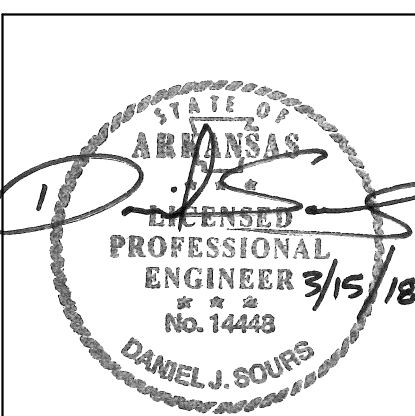
3/4" = 1'-0"

NO.	DATE	REVISION

**LAWRENCE COUNTY
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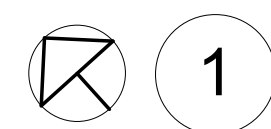
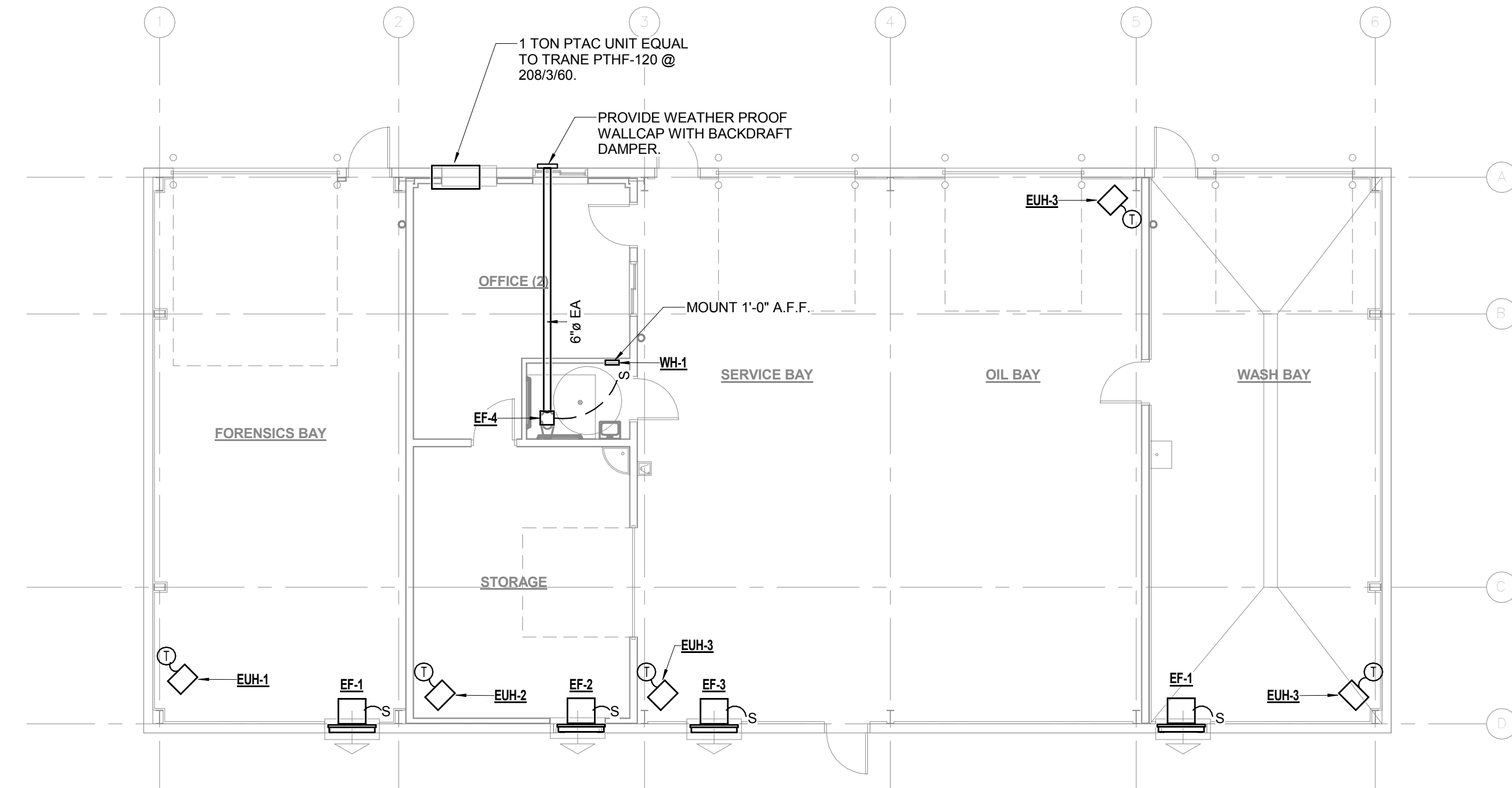


SHEET TITLE	SECTIONS AND DETAILS
DATE	1/31/18
PROJECT NO.	15-010B
SHEET NO.	S5.1



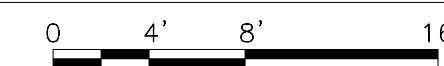
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 FAX: (901) 683-3990
 www.ssr-inc.com
 SSR Project #: 15671180

PLOT DATE: 10/30/2017



1 MAINTENANCE BUILDING PLAN

1/8" = 1'-0"



IDENT.	SYSTEM	TYPE	MANUFACTURER MODEL NO.	CFM	S.P.	FAN SPEED	MOTOR		OPERATING WEIGHT LBS.	REMARKS
							MIN. H.P.	ELECT.		
EF-1	FORENSICS GENERAL EXHAUST	WALL	GREENHECK SE1-58-429-B	2,210	0.13	1600 RPM	1/4	120/1/60	42	PROVIDE WALL SWITCH. MOUNT 10'-0" A.F.F. PROVIDE MOTORIZED DAMPER AND SPEED CONTROLLER
EF-2	STORAGE GENERAL EXHAUST	WALL	GREENHECK SE1-10-440-D	815	0.125	1,550 RPM	1/10	120/1/60	24	PROVIDE WALL SWITCH. MOUNT 10'-0" A.F.F. PROVIDE MOTORIZED DAMPER.
EF-3	SERVICE/OIL GENERAL EXHAUST	WALL	GREENHECK SBE-1L24	5,200	0.13	649 RPM	1/2	120/1/60	73	PROVIDE WALL SWITCH. MOUNT 10'-0" A.F.F. PROVIDE MOTORIZED DAMPER AND SPEED CONTROLLER
EF-4	TOILET EXHAUST	CEILING	GREENHECK SP-B70	75	0.125	675 RPM	-	120/1/60	10	

ELECTRIC UNIT HEATER SCHEDULE						
IDENT.	AREA SERVED	MANUFACTURER & MODEL NO.	CFM	KW	SOURCE	REMARKS
EUH-1	FORENSICS BAY	MODINE HER-125	830	12.5	208/3/60	① ② ③
EUH-2	STORAGE	MODINE HER-30	380	3	208/3/60	① ② ③
EUH-3	SERVICE BAY OIL BAY WASH BAY	MODINE HER-100	830	10	208/3/60	① ② ③
WH-1	TOILET	QMARK AWH3150F	-	1.5	120/1/60	② ③

- ① = EXTERNAL MOUNTED THERMOSTAT
- ② = WALL MOUNTING KIT
- ③ = MOUNT 10'-0" A.F.F.

NO.	DATE	REVISION

**LAWRENCE COUNTY
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SHEET TITLE MECHANICAL FLOOR PLAN
DATE 3/14/18
PROJECT NO. 15-010B
SHEET NO. M1



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SSR Project #: 15671180

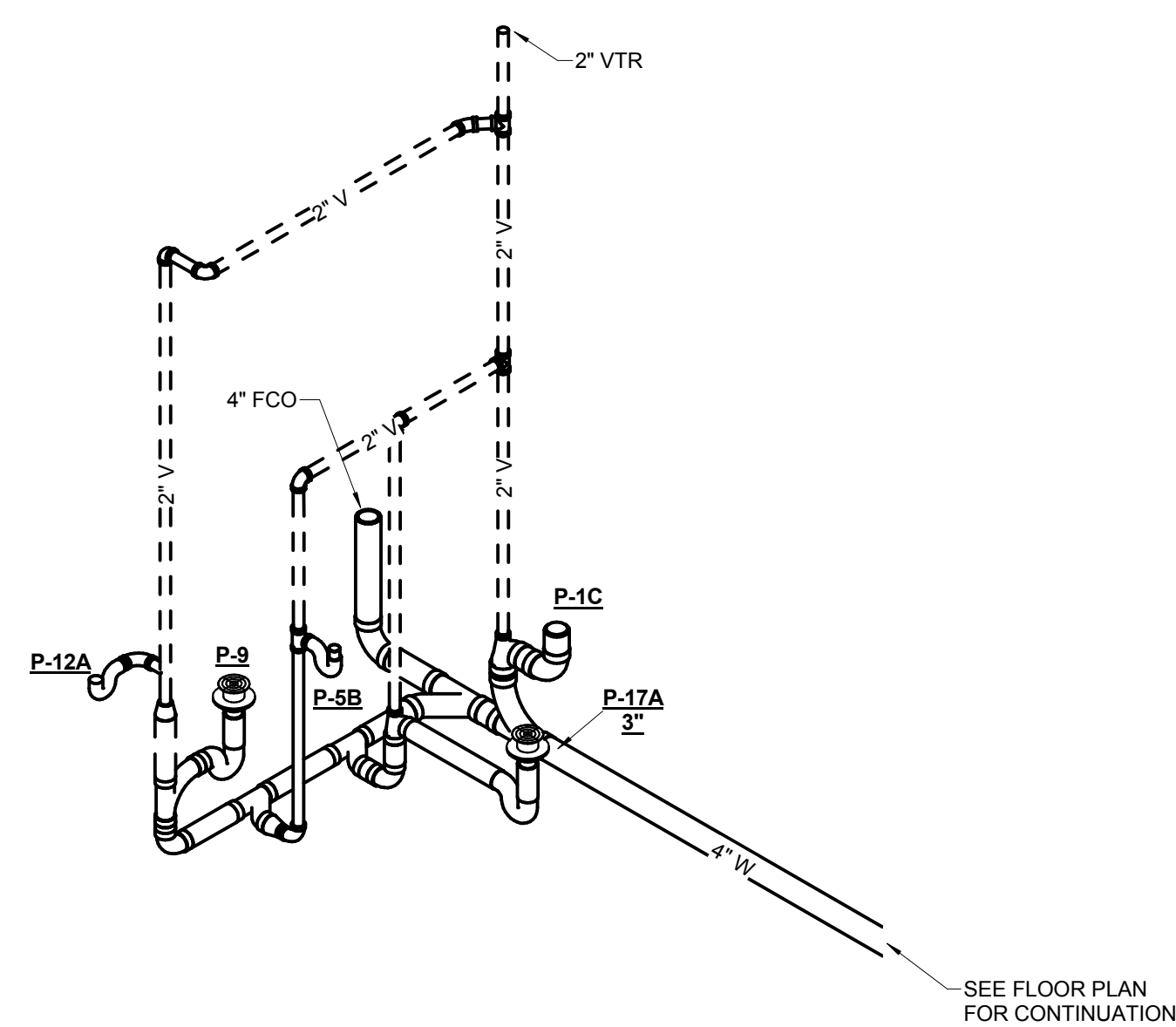
PLOT DATE:

PLUMBING FIXTURE CONNECTION SCHEDULE

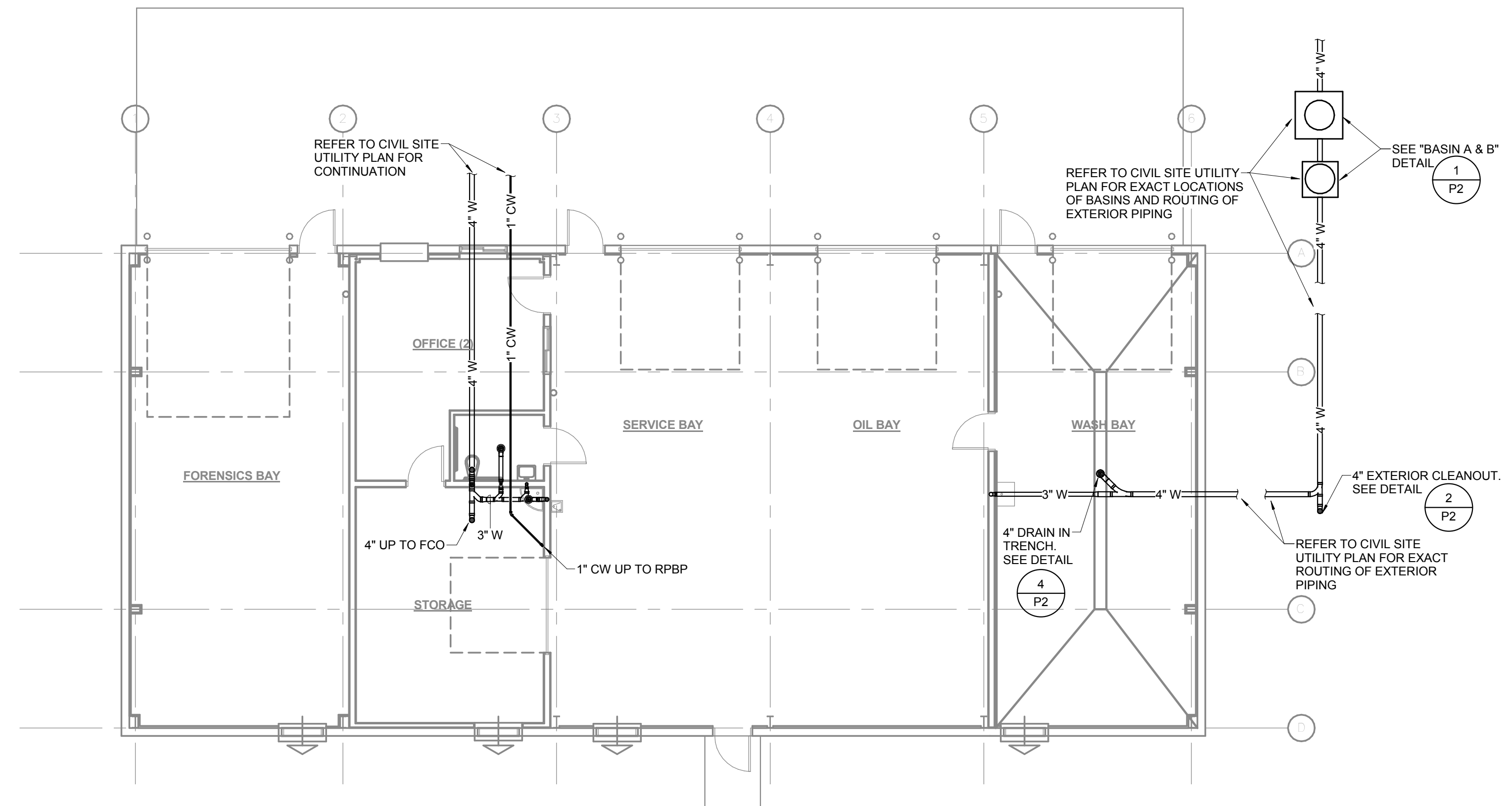
NOTES:						
1. BRANCH CONNECTION SIZES ARE INDICATED. REFER TO FLOOR PLANS FOR MAIN PIPING SIZES.						
DESIGNATION	FIXTURE DESCRIPTION	COLD WATER	HOT WATER	DRAIN	VENT	NOTES
P-1C	WATER CLOSET (FLOOR MOUNTED - FLUSH VALVE - BARRIER FREE - 1.6/1.1 GPF) A. FIXTURE: ZURN Z5665-BWL1 WHITE ELONGATED BOWL, ADA HEIGHT B. VALVE: ZURN Z6000AV-WS1-DF, 1.6/1.1 GALLON PER FLUSH C. TRIM: TWO BOLT CAPS INCLUDED D. SEAT: ZURN Z955SS-EL WHITE OPEN FRONT LESS COVER W/CHECK HINGE	1"	--	4"	2"	
P-5B	LAVATORY (WALL HUNG - BARRIER FREE - SINGLE LEVER) A. FIXTURE: ZURN Z5344, 20"x18" B. FAUCET: ZURN Z7440-XL-VP1.5 LEAD FREE WITH 1.5 GPM VANDAL RESISTANT AERATOR, AND BRAIDED SUPPLIES FOR 1.5 GPM FLOW. C. TRIM: ONE ZURN 8700-PC SERIES 1-1/4 INCH SEMI-CAST BRASS P-TRAP, ZURN Z8804-XL-PC WHEEL HANDLE STOPS, ZURN Z8746-PC 1-1/4 INCH OFFSET GRID DRAIN AND 1-1/4 INCH TAILPIECE. D. MOUNTING: 34 INCHES FROM FINISHED FLOOR TO FLOOD RIM. INSULATE WATER PIPING AND TRAP UNDER LAVATORY	1/2"	1/2"	2"	2"	
P-6A	STAINLESS STEEL SINGLE COMPARTMENT FREESTANDING SINK (24"x21"x8") A. FIXTURE: ADVANCE TABCO 8-OP-16 TYPE 304 STAINLESS STEEL DEEP DRAWN SINK BOWL B. FAUCET: ZURN Z842H1-XL WITH 12" TUBULAR BRASS SWING SPOUT AND LEVER HANDLES C. ACCESSORIES: 3-1/2" BASKET DRAIN INCLUDED	3/4"	--	3"	2"	
P-9	CORNER MOP SINK A. FIXTURE: STERN-WILLIAMS TERRAZZO SB-900, 24"x24"x12" WITH STAINLESS STEEL CAP, LESS TILING FLANGES B. FAUCET: ZURN Z843M6-CS WITH VACUUM BREAKER AND INTEGRAL STOPS, WALL BRACE AND CHECK STOPS. C. MOUNTING: MOUNT FAUCET 36 INCHES ABOVE FINISHED FLOOR.	3/4"	3/4"	3"	2"	
P-12A	WATER COOLER (WALL MOUNT - BARRIER FREE) A. FIXTURE: ELKAY LVRCSS WITH STAINLESS STEEL FINISH AND VANDAL-RESISTANT BUBBLER B. TRIM: ONE ZURN Z8802-XL-LR-8860-12-PC SUPPLY WITH WHEEL HANDLE STOP, ONE ZURN Z8700-PC SERIES 1-1/4 INCH SEMI-CAST BRASS P-TRAP C. CAPACITY: 8 GPH AT 90 DEGREE ROOM TEMPERATURE E. MOUNTING: 36 INCHES FROM LOW BUBBLER TO FINISH FLOOR	1/2"	--	2"	2"	
P-17A	FLOOR DRAIN (REGULAR - GENERAL PURPOSE) A. FIXTURE: ZURN #Z415-B ADJUSTABLE CAST IRON FLOOR DRAIN W/ "TYPE B" STRAINER AND POLISHED NICKEL BRONZE TOP. PROVIDE TRAP PRIMER CONNECTIONS. SIZE OF DRAIN AS SHOWN ON DRAWINGS.	--	--	--	--	1.

DOMESTIC WATER HEATER SCHEDULE

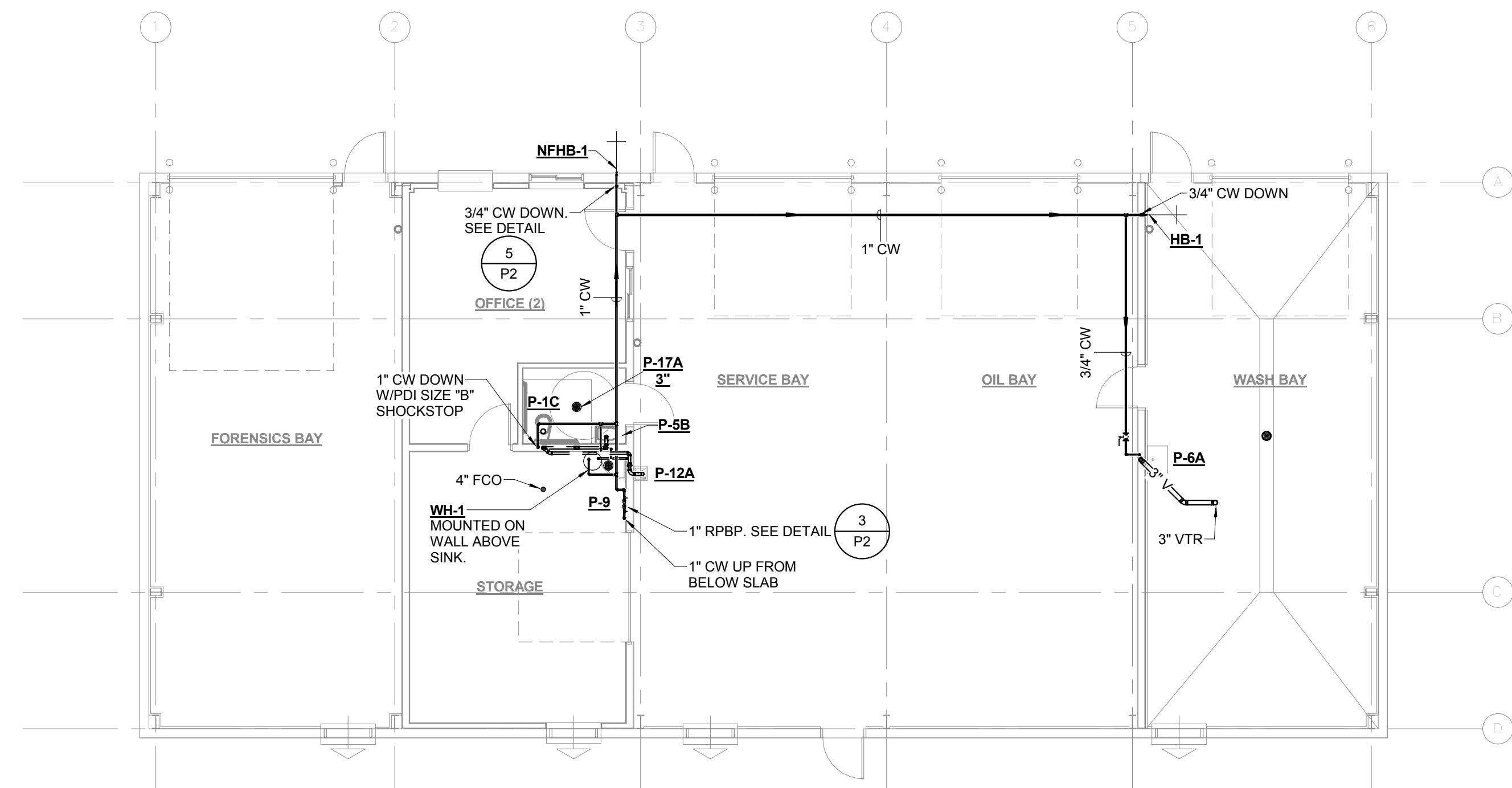
DESIGNATION	SERVICE	MANUFACTURER	MODEL NUMBER	EWT °F	LWT °F	RECOVERY GPH	GAL.	KW	ELECTRICAL	
									VOLTAGE	PHASE
WH-1	MAINTENANCE BLDG.	BRADFORD WHITE	LE120WV3-1	50	120	9.0	19	1.5	120	1



3 WASTE & VENT RISER DIAGRAM
NOT TO SCALE



1 MAINTENANCE BUILDING FLOOR PLAN - UNDERGROUND PLUMBING
1/8" = 1'-0"



2 MAINTENANCE BUILDING FLOOR PLAN - ABOVEGROUND PLUMBING
1/8" = 1'-0"



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SSR Project #: 15671180

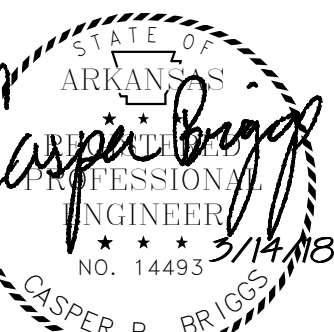
NO. DATE REVISION

**LAWRENCE COUNTY
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SHEET TITLE
**PLUMBING FLOOR
PLANS & SCHEDULES**

DATE
3/14/18

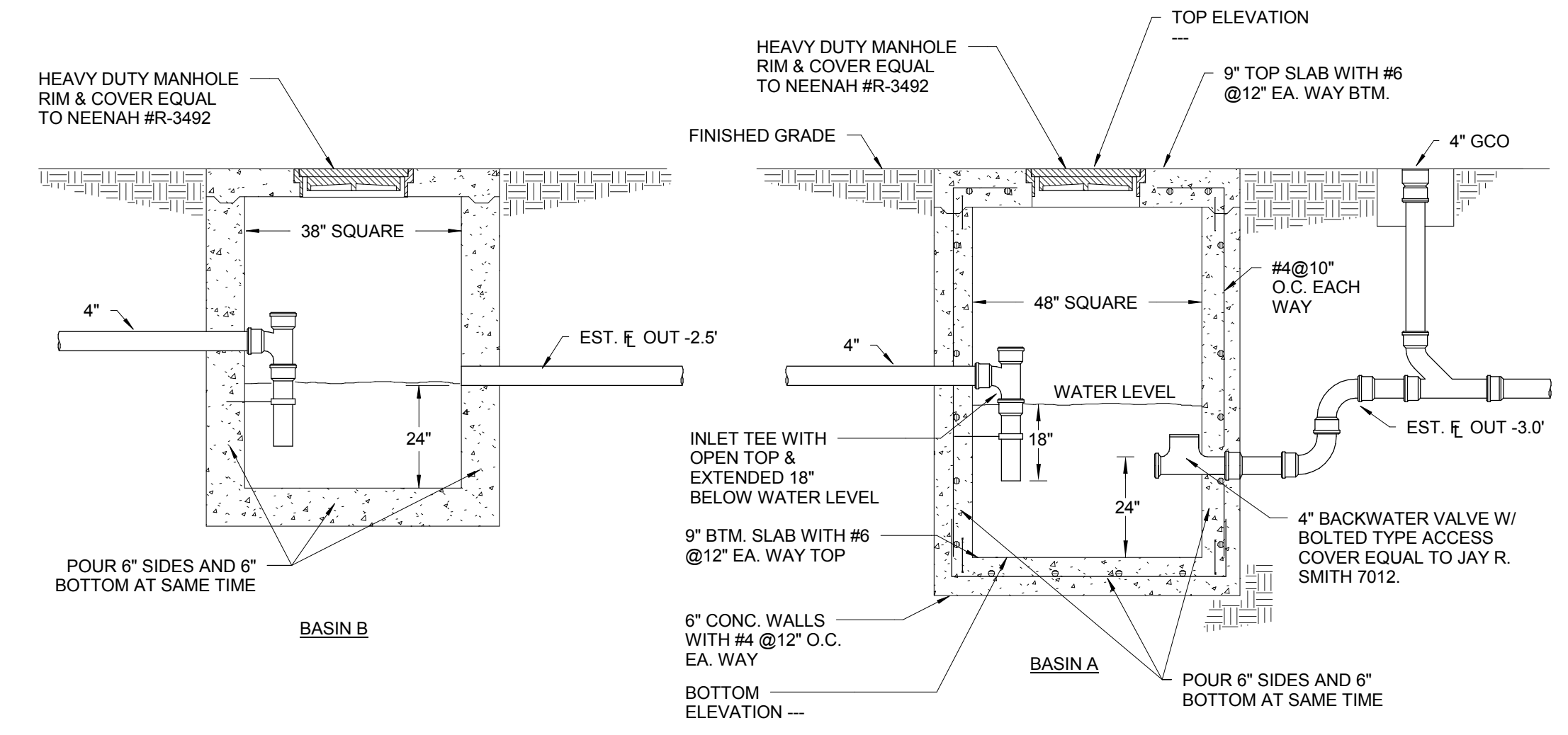
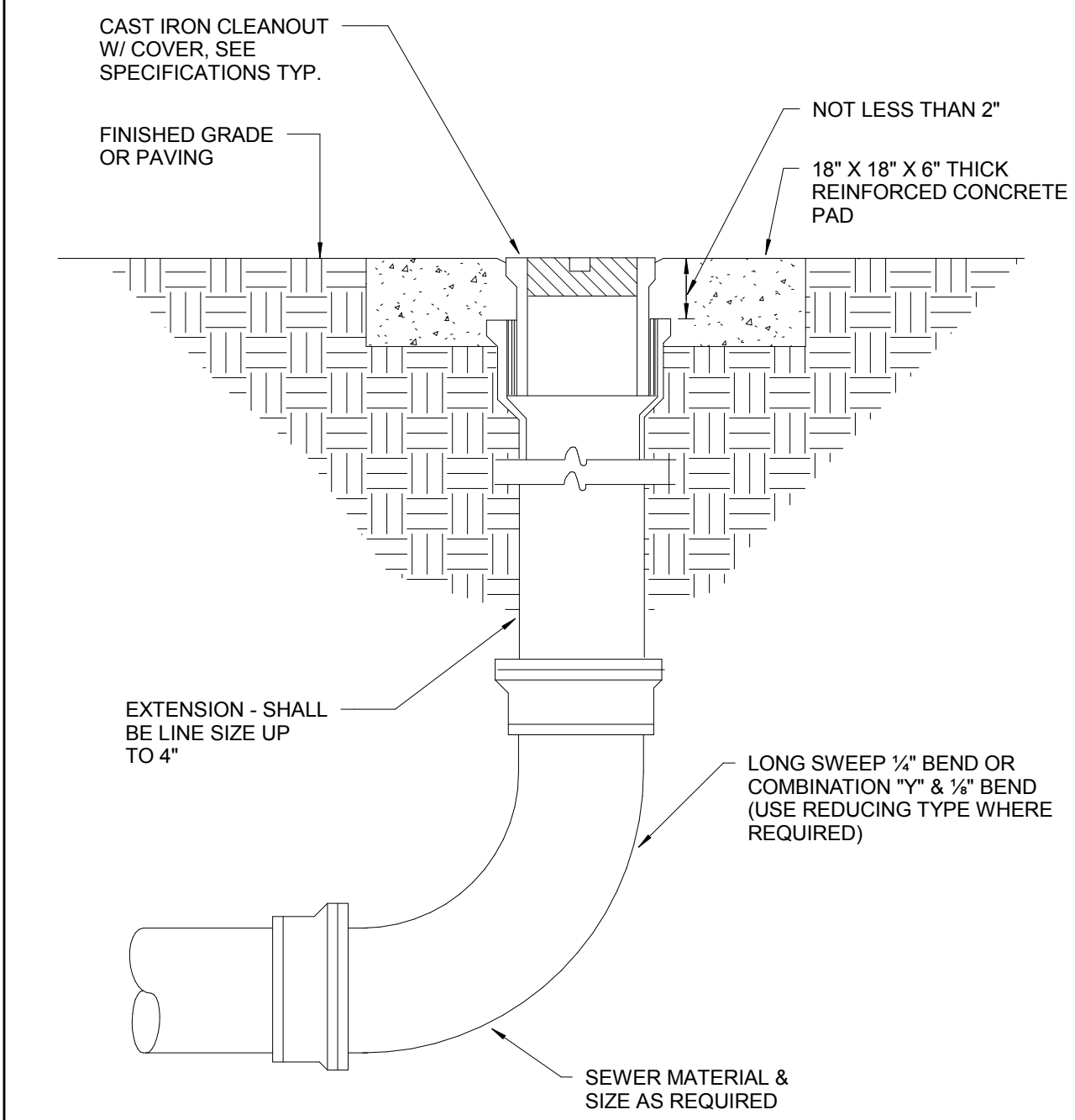
PROJECT NO.
15-010B

SHEET NO.
P1

PLUMBING LEGEND

NOT ALL SYMBOLS MAY BE USED

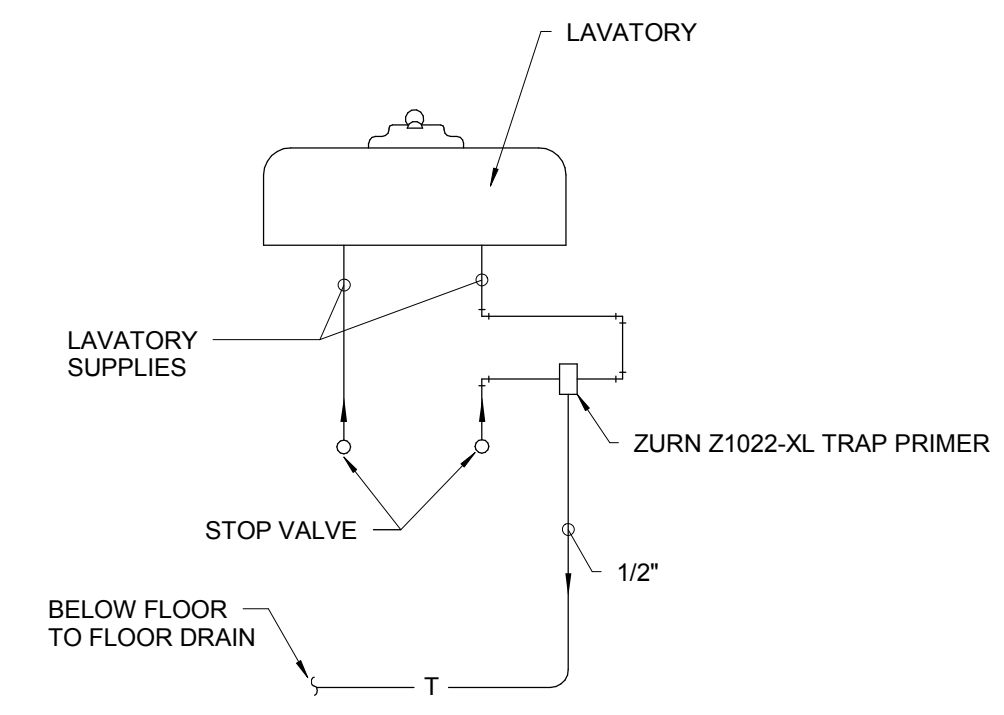
SYMBOL	ABB.	DESCRIPTION
	CW	DOMESTIC COLD WATER
	HW 105°F	DOMESTIC HOT WATER
	HWR	DOMESTIC HOT WATER RECIRC.
	D	DRAIN/CONDENSATE DRAIN
	W	WASTE
	V	VENT
		PIPE TURN DOWN
		PIPE TURN UP
		BALL VALVE
		GATE VALVE
		CHECK VALVE
		BALANCING VALVE
		SOLENOID VALVE
		STRAINER
		PIPE GUIDE
		ANCHOR
		CAP/PLUG
	CO	CLEANOUT (ABOVE CEILING)
		UNION
	PR	PRESSURE RELIEF VALVE
		SHOCK ARRESTOR/SHOCKSTOP
	FCO	FLOOR CLEAN OUT
	WCO	WALL CLEAN OUT
	VTR	VENT THRU ROOF
	AFF	ABOVE FINISHED FLOOR



EXTERIOR CLEANOUT

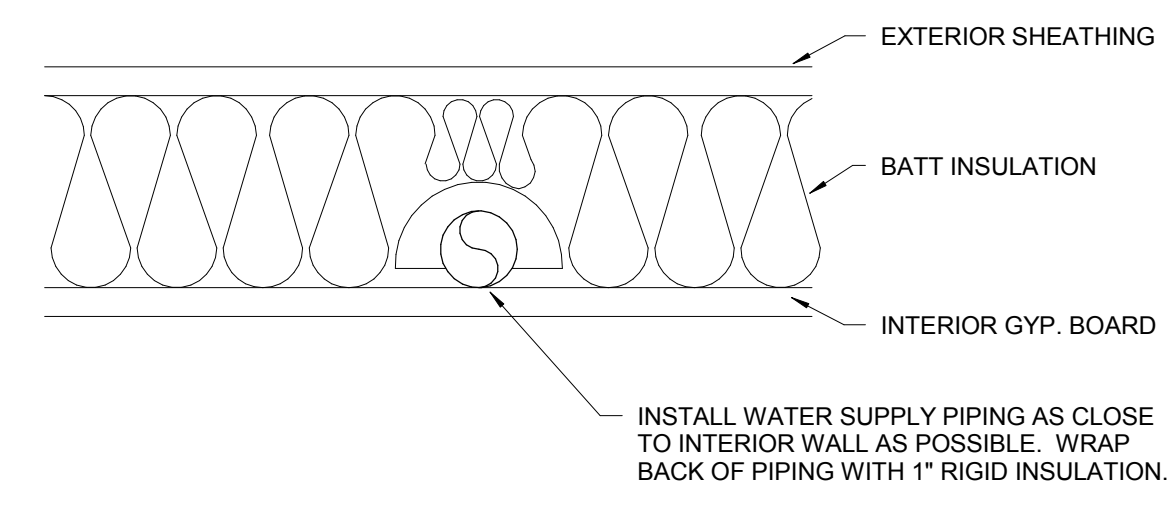
2 BASIN A & B

1



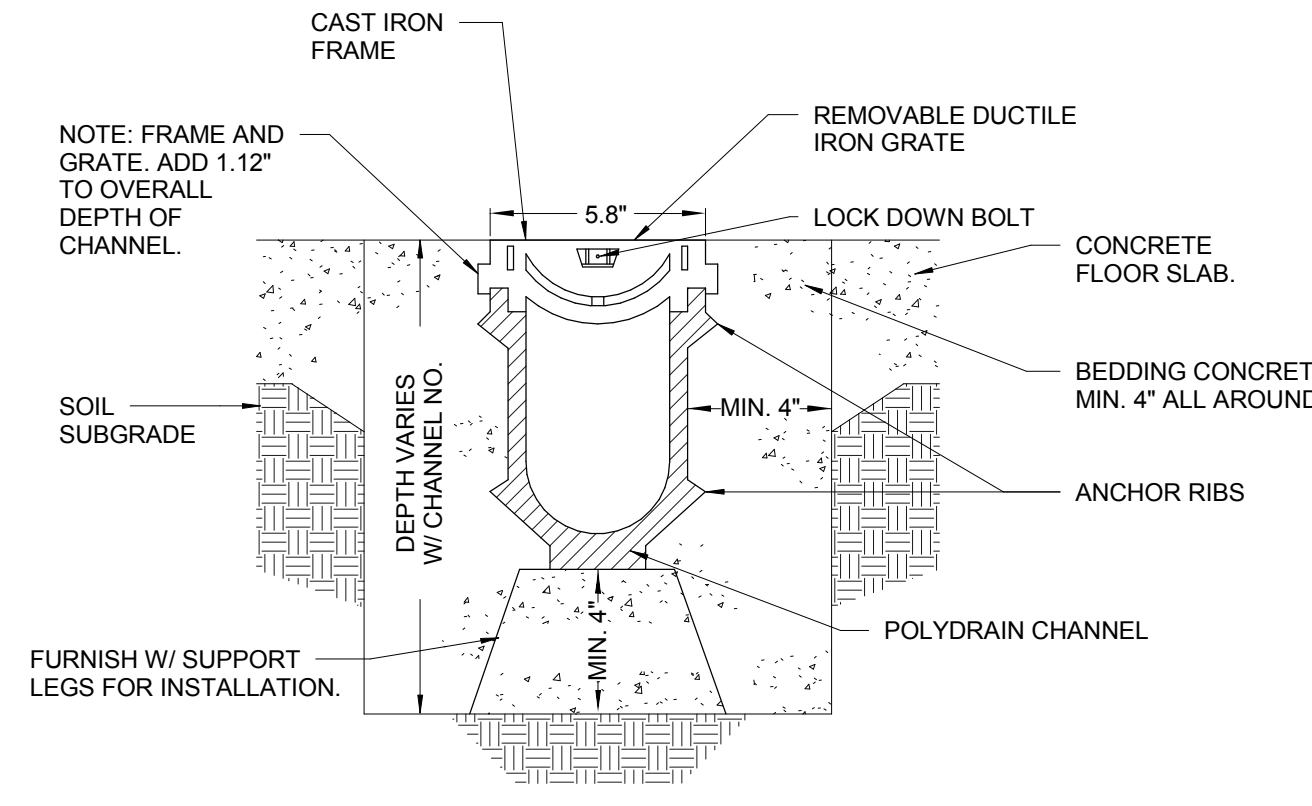
TRAP PRIMER

6



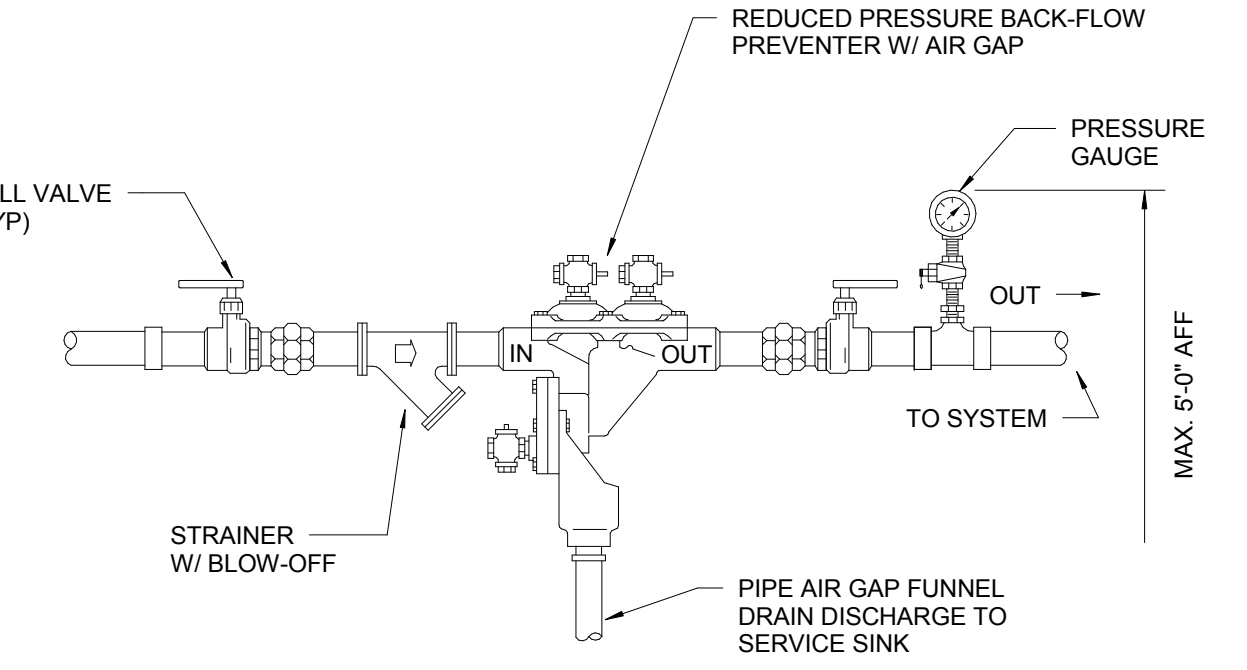
WATER PIPING IN EXTERIOR WALL

5



TRENCH DRAIN

5



REDUCED PRESSURE BACKFLOW PREVENTER

3

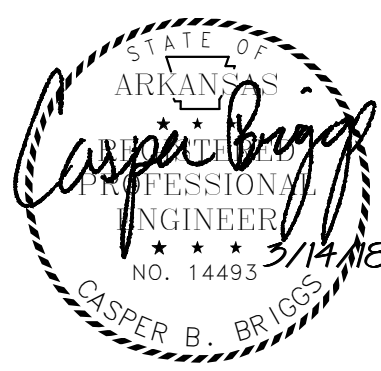
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SHEET TITLE
PLUMBING DETAILS

DATE
3/14/18

PROJECT NO.
15-010B

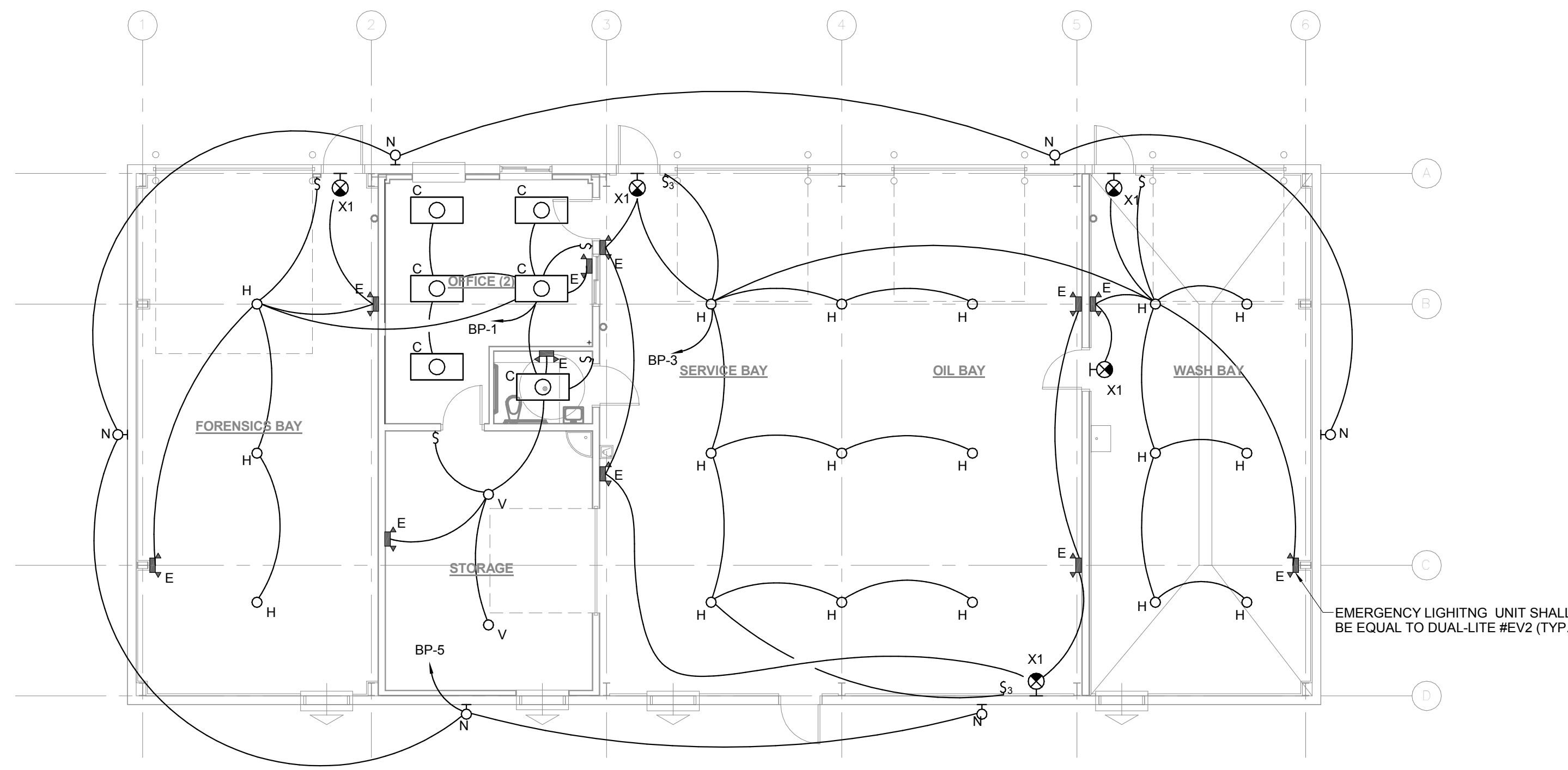
SHEET NO.
P2



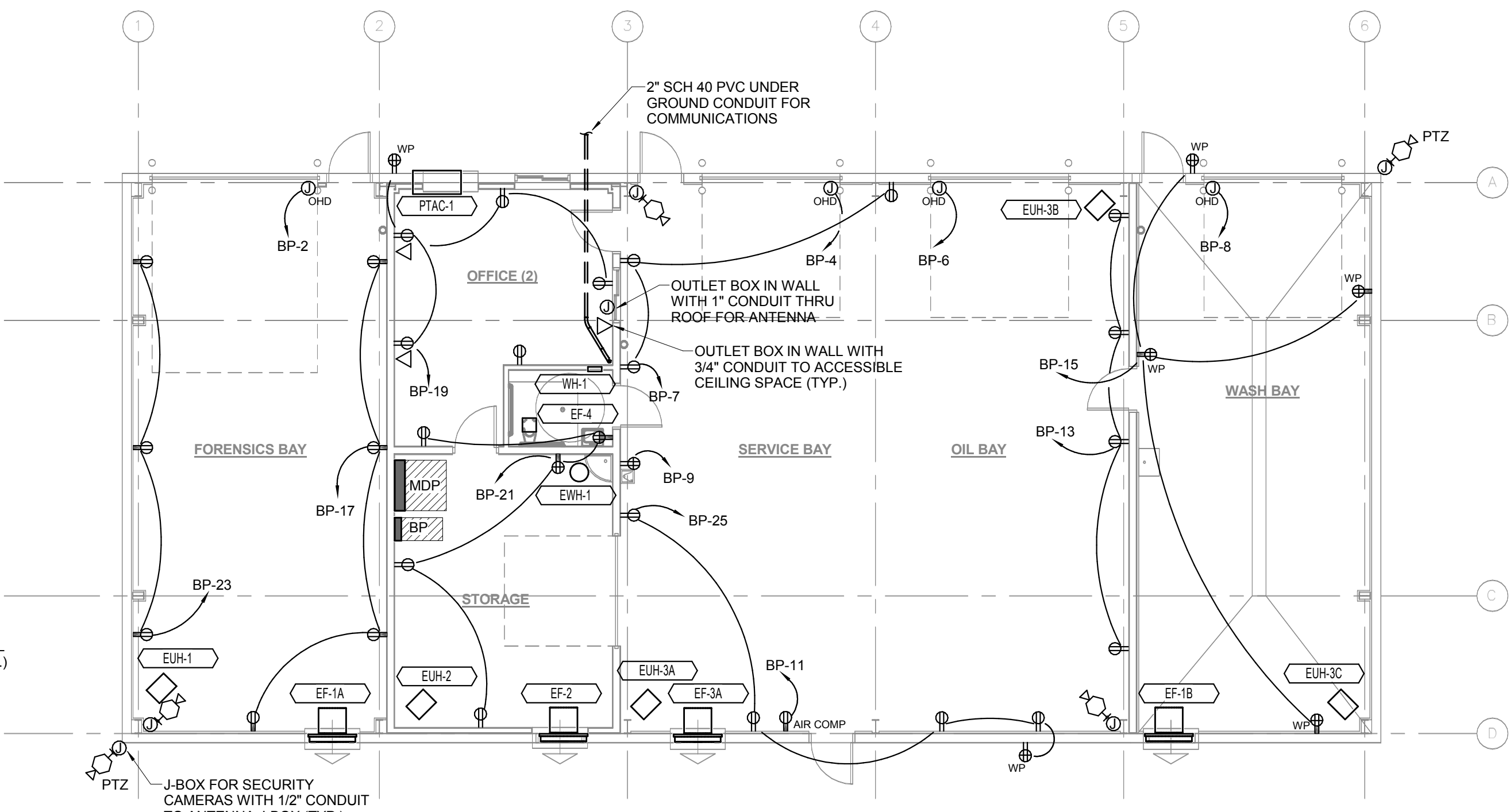
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PLOT DATE:



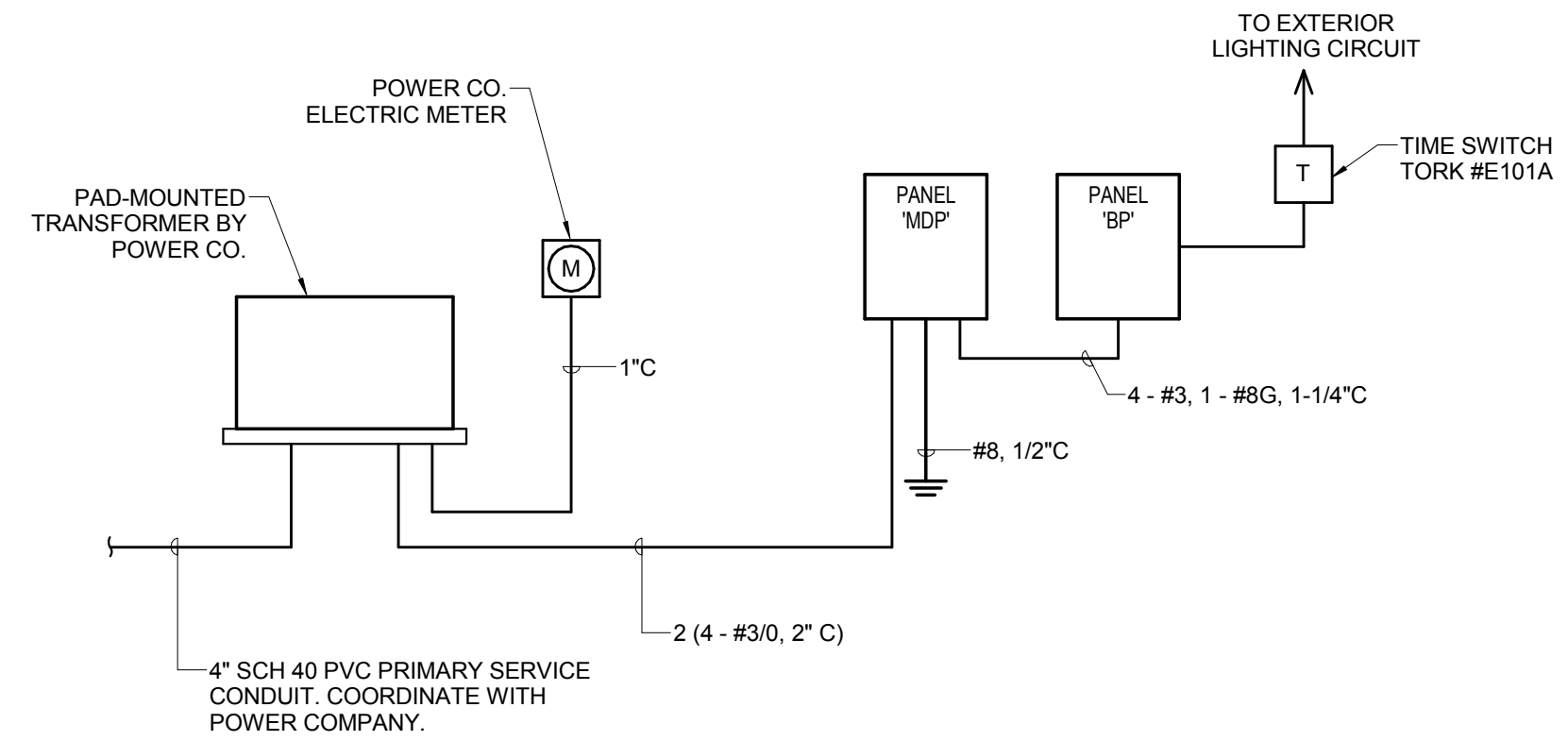
1 MAINTENANCE BUILDING LIGHTING PLAN
1/8" = 1'-0"



2 MAINTENANCE BUILDING POWER PLAN
1/8" = 1'-0"

MAIN PANEL 'MDP' SCHEDULE										
LOAD DESCRIPTION	LOAD VA	BREAKER TRIP/POLES	CKT NO.	LOAD VOLT-AMPS			CKT NO.	BREAKER TRIP/POLES	LOAD VA	LOAD DESCRIPTION
				A	B	C				
PANEL 'BP'	9,261	100/3	1	12594.0			2	40/3	3,333	UNIT HEATER 'EUH-3A'
	7,400			10733.0					3,333	
	7,931					11264.0			3,333	
UNIT HEATER 'EUH-1'	4,167	50/3	3	7500.0			4	40/3	3,333	UNIT HEATER 'EUH-3B'
	4,167			7500.0					3,333	
	4,167					7500.0			3,333	
UNIT HEATER 'EUH-2'	1,000	20/3	5	4333.0			6	40/3	3,333	UNIT HEATER 'EUH-3C'
	1,000			4333.0					3,333	
	1,000					4333.0			3,333	
VOLT-AMPS PER PHASE >				24427.0	22566.0	23097.0				
AMPS PER PHASE >				203.56	188.05	192.48				

PANEL 'BP' SCHEDULE										
LOAD DESCRIPTION	LOAD VA	BREAKER TRIP/POLES	CKT NO.	LOAD VOLT-AMPS			CKT NO.	BREAKER TRIP/POLES	LOAD VA	LOAD DESCRIPTION
				A	B	C				
LIGHTS	681	20/1	1	2601.0			2	20/1	1,920	OVERHEAD DOOR
LIGHTS	1,035	20/1	3		2955.0		4	20/1	1,920	OVERHEAD DOOR
LIGHTS	782	20/1	5			2682.0	6	20/1	1,920	OVERHEAD DOOR
RECEPTACLES	540	20/1	7	2460.0			8	20/1	1,920	OVERHEAD DOOR
RECEPTACLE - EDF	360	20/1	9		1056.0		10	20/1	696	EXHAUST FAN 'EF-1A'
RECEPTACLE - AIR COMPRESSOR	1,200	20/1	11			1896.0	12	20/1	696	EXHAUST FAN 'EF-1B'
RECEPTACLES	720	20/1	13	900.0			14	20/1	180	EXHAUST FAN 'EF-2'
RECEPTACLES	720	20/1	15		1896.0		16	20/1	1,176	EXHAUST FAN 'EF-3A'
RECEPTACLES	720	20/1	17			2220.0	18	20/1	1,500	WALL HEATER 'WH-1'
RECEPTACLES	900	20/1	19	2400.0			20	20/1	1,500	WATER HEATER 'EWH-1'
RECEPTACLES	900	20/1	21		1493.0		22	20/2	593	AIR CONDITIONER 'PTAC-1'
RECEPTACLES	540	20/1	23			1133.0	24		593	
RECEPTACLES	900	20/1	25	900.0			26	20/1		SPARE
SPARE		20/1	27		0.0		28	20/1		SPARE
SPARE		20/1	29			0.0	30	20/1		SPARE
SPARE		20/1	31		0.0		32	20/1		SPARE
SPARE		20/1	33		0.0		34	20/1		SPARE
SPARE		20/1	35		0.0		36	20/1		SPARE
SPACE ONLY WITH BUS			37		0.0		38			SPACE ONLY WITH BUS
SPACE ONLY WITH BUS			39		0.0		40			SPACE ONLY WITH BUS
SPACE ONLY WITH BUS			41		0.0		42			SPACE ONLY WITH BUS
VOLT-AMPS PER PHASE >				9261.0	7400.0	7931.0				
AMPS PER PHASE >				77.18	61.67	66.09				



3 Electrical Riser Diagram - Maintenance Building
NOT TO SCALE

HVAC & PLUMBING EQUIPMENT ELECTRICAL CONNECTION SCHEDULE									
ID	DESCRIPTION	VOLTS	PHASE	HP	F.L.A.	BRANCH CIRCUIT	PANEL	DISCONNECT	REMARKS
EF-1A	EXHAUST FAN	120	1	1/4	5.8	2 - #12, 1 - #12G, 0.5\"C	BP	FURNISHED WITH UNIT	NOTE 1
EF-1B	EXHAUST FAN	120	1	1/4	5.8	2 - #12, 1 - #12G, 0.5\"C	BP	FURNISHED WITH UNIT	NOTE 1
EF-2	EXHAUST FAN	120	1	1/10	1.5	2 - #12, 1 - #12G, 0.5\"C	BP	FURNISHED WITH UNIT	NOTE 1
EF-3A	EXHAUST FAN	120	1	1/2	9.8	2 - #12, 1 - #12G, 0.5\"C	BP	FURNISHED WITH UNIT	NOTE 1
EF-4	EXHAUST FAN	120	1	-	1.5	2 - #12, 1 - #12G, 0.5\"C	BP	FURNISHED WITH UNIT	NOTE 2
EUH-1	UNIT HEATER	208	3	-	34.7	3 - #8, 1 - #10G, 1\"C	MDP	60/3 NEMA 1 SWITCH	
EUH-2	UNIT HEATER	208	3	-	8.3	3 - #12, 1 - #12G, 0.5\"C	MDP	30/3 NEMA 1 SWITCH	
EUH-3A	UNIT HEATER	208	3	-	27.8	3 - #8, 1 - #10G, 0.75\"C	MDP	60/3 NEMA 1 SWITCH	
EUH-3B	UNIT HEATER	208	3	-	27.8	3 - #8, 1 - #10G, 0.75\"C	MDP	60/3 NEMA 1 SWITCH	
EUH-3C	UNIT HEATER	208	3	-	27.8	3 - #8, 1 - #10G, 0.75\"C	MDP	60/3 NEMA 1 SWITCH	
EWH-1	WATER HEATER	120	1	-	12.5	2 - #12, 1 - #12G, 0.5\"C	BP	SPST 20A SWITCH	
PTAC-1	PACKAGED AIR CONDITIONER	208	1	-	5.7	2 - #12, 1 - #12G, 0.5\"C	BP	NEMA 6-20R RECEPTACLE	
WH-1	WALL HEATER	120	1	-	12.5	2 - #12, 1 - #12G, 0.5\"C	BP	SPST 20A SWITCH	

NOTES:
1 INTERLOCK WITH ASSOCIATED MOTORIZED DAMPER.
2 CONNECT TO ROOM LIGHTS

NO.	DATE	REVISION

LAWRENCE COUNTY MAINTENANCE BUILDING
WALNUT RIDGE, AR

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Professional Engineer
3/14/18

SHEET TITLE
ELECTRICAL FLOOR PLAN

DATE
3/14/18

PROJECT NO.
15-010B

SHEET NO.
E1



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SSR Project #: 15671180

PLOT DATE: