

ONECALL NOTES:



PENNSYLVANIA ACT 287, AS AMENDED BY ACT 121 REQUIRES NOTIFICATION OF EXCAVATORS, DESIGNERS, OR ANY PERSON PREPARING TO DISTURB THE EARTH'S SURFACE ANYWHERE IN THE COMMONWEALTH.

PLAN INDEX:

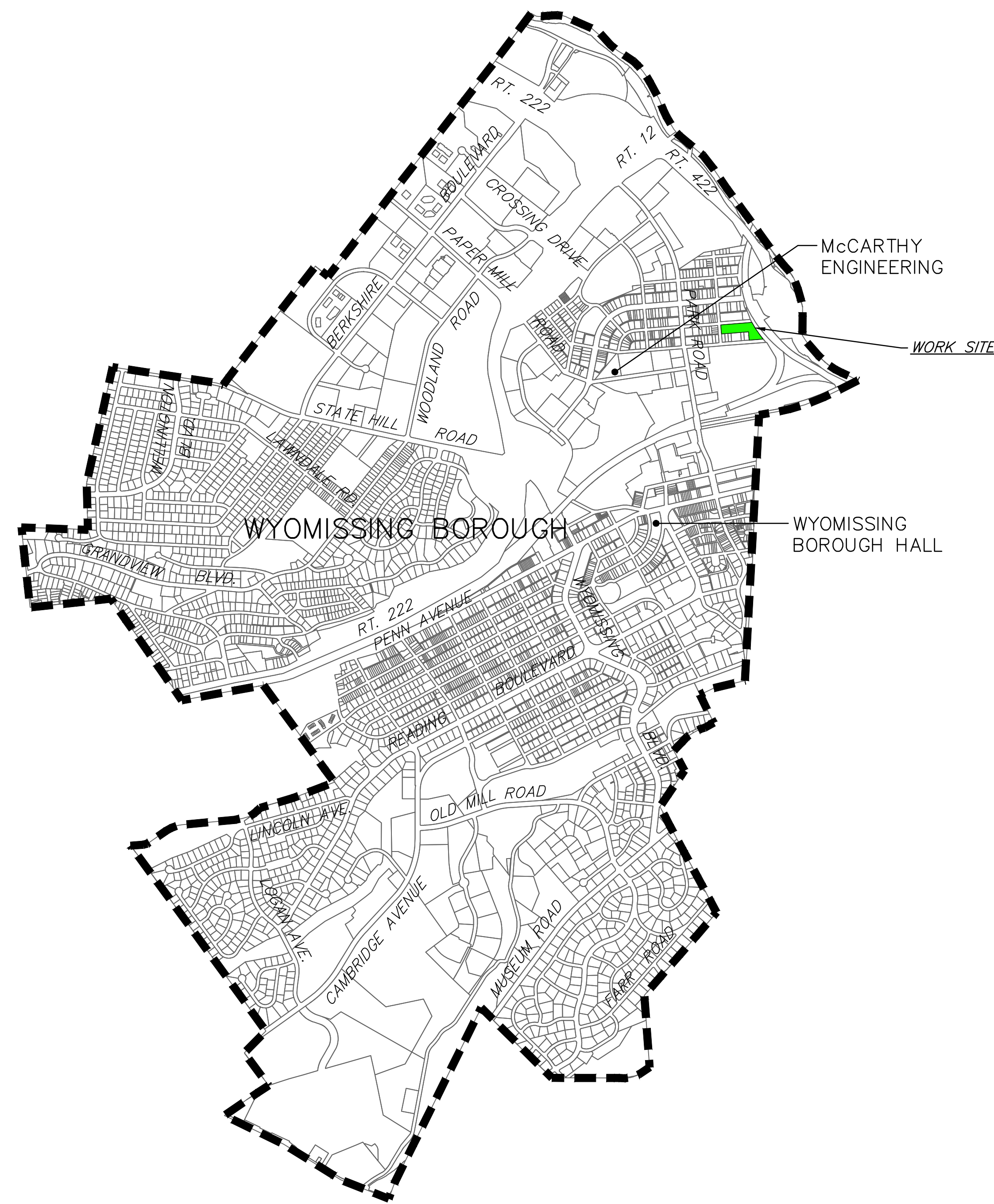
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PUBLIC WORKS FACILITY PROJECT

WYOMISSING BOROUGH

22 READING BOULEVARD

WYOMISSING, PA 19610



GENERAL NOTES:

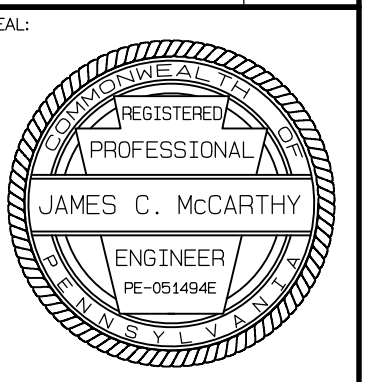
- THE CONTRACTOR SHALL VISIT THE JOB SITE TO BECOME FAMILIAR WITH THE EXISTING CONDITIONS. THE CONTRACTOR SHALL MAKE NECESSARY INVESTIGATIONS AND INQUIRIES TO APPROPRIATE PARTIES WITH REGARDS TO THE WORK TO THOROUGHLY UNDERSTAND THE RESPONSIBILITIES PRIOR TO BIDDING.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS AND DETAILS OF EXISTING CONDITIONS AT THE SITE FOR ASSURANCE OF AN ACCURATE COMPLETION OF THE WORK PRIOR TO ORDERING MATERIALS OR PROCEEDING WITH THE WORK.
- CONTRACTOR SHALL LOCATE AND VERIFY ALL VERTICAL AND HORIZONTAL LOCATIONS FOR ALL EXISTING ON SITE FEATURES AND AMENITIES WITHIN THIS WORK PRIOR TO THE START OF CONSTRUCTION.
- EXISTING UTILITY LOCATIONS AND DEPTHS ARE APPROXIMATE AND THE CONTRACTOR SHALL VERIFY EXACT DEPTHS AND LOCATIONS PRIOR TO DIGGING IN THAT LOCATION.
- THE CONTRACTOR SHALL HAND EXCAVATE WITHIN 18 INCHES OF ALL PROPOSED AND EXISTING UTILITY CROSSINGS.
- THE CONTRACTOR SHALL PROVIDE PROPER CLEARANCE AND PROTECTION FOR ALL ABOVE GROUND EQUIPMENT AND UTILITIES.
- THE CONTRACTOR SHALL PROVIDE, INSTALL AND MAINTAIN TEMPORARY PROTECTIVE SYSTEMS FOR ALL ADJACENT STRUCTURE STABILITY, EXCAVATION AND TRENCHING INCLUDING BUT NOT LIMITED TO BRACING, SHORING, SLOPING, BENCHING AND SHIELDING AS PER OSHA STANDARDS AND SPECIFICATIONS, LATEST EDITIONS.
- ALL THE WORK SHALL CONFORM TO THE REGULATIONS OF OSHA AND ALL LOCAL, COUNTY AND STATE LAWS, LATEST EDITIONS.
- THE LATEST EDITION OF ALL SPECIFIED REFERENCES SHALL APPLY THROUGHOUT THE PLAN SET.
- THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS, PRODUCT SPECIFICATIONS AND VENDOR INFORMATION FOR ALL FABRICATION WORK AND MATERIALS TO THE OWNER FOR WRITTEN APPROVAL PRIOR TO PROCEEDING WITH PURCHASE, INSTALLATION, REMOVAL, MANUFACTURE AND ASSOCIATED WORK.
- THE CONTRACTOR SHALL PLACE AND STORE ANY EQUIPMENT AND MATERIALS IN A RESPONSIBLE LOCATION, APPROVED BY THE OWNER, AS TO NOT INTERFERE WITH PEDESTRIAN AND MOTOR VEHICLE TRAFFIC BOTH DURING AND AFTER A WORK DAY.
- THE CONTRACTOR SHALL COORDINATE WITH THE OWNER FOR ALL CONSTRUCTION ACTIVITIES VIA A WRITTEN APPROVED SCHEDULE TO MINIMIZE DISTURBANCE TO ANY ONGOING OWNER OPERATIONS AT THE SITE. DO NOT BLOCK ACCESS TO THE SITE. THE CONTRACTOR SHALL COORDINATE DELIVERIES AND CONSTRUCTION OPERATIONS WITH THE OWNER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING TEMPORARY UTILITIES REQUIRED FOR THE WORK INCLUDING, BUT NOT LIMITED TO, POWER, WATER, SANITARY SEWER AND TELEPHONE.
- THE CONTRACTOR SHALL DEMOLISH, FURNISH AND INSTALL IN A RESPONSIBLE CONSTRUCTION SEQUENCE TO ACHIEVE A LEVEL OF QUALITY AS DICTATED ON THIS PLAN SET, SPECIFICATIONS AND APPLICABLE CODES.
- THE CONTRACTOR SHALL RESTORE ANY DISTURBED AREAS TO THE ORIGINAL CONDITIONS AS THEY WERE FOUND PRIOR TO MOBILIZATION AND CONSTRUCTION.
- THE OWNER MAY REQUIRE A QUALIFIED INDEPENDENT TESTING AGENCY TO TEST THE QUALITY OF WORKMANSHIP AND MATERIALS THAT WILL PROVIDE WRITTEN REPORTS TO THE CONTRACTOR, OWNER AND ENGINEER. THE CONTRACTOR WILL BE NOTIFIED IMMEDIATELY OF THE DEFICIENT WORK AND REMEDIATE THE DEFICIENCY IN A TIMELY MANNER. RE-TESTING SHALL BE AT THE CONTRACTOR'S EXPENSE.
- A PRE-CONSTRUCTION MEETING SHALL BE HELD ON SITE WITH OWNER AND/OR ENGINEER PRIOR TO THE START OF ANY WORK.
- CONTRACTOR SHALL PROVIDE "AS-BUILT" CONSTRUCTION INFORMATION TO THE OWNER AND ENGINEER UPON COMPLETION OF THIS WORK.
- THE CONTRACTOR SHALL VERIFY WITH OWNER FOR LOCATION AND SHUT OFF PROCEDURE FOR ALL UTILITIES LOCATED WITHIN THE WORK.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING VALVES, CONNECTIONS OR SHUTOFFS ASSOCIATED WITH DEMOLITION ACTIVITIES FOR THIS WORK.
- THE CONTRACTOR SHALL DEMOLISH, REMOVE AND DISPOSE OF DEMOLITION DEBRIS INCLUDING, BUT NOT LIMITED TO, PIPING, CONCRETE, EARTH AND BITUMINOUS PAVEMENT IN A PROPER MANNER TO AN OFFSITE DISPOSAL FACILITY AND PROVIDE DISPOSAL INFORMATION AS REQUESTED BY THE OWNER.
- THE CONTRACTOR SHALL APPLY PROPER ENVIRONMENTAL DUE DILIGENCE WHEN DISPOSING OF DEMOLITION DEBRIS AND EXCESS MATERIALS.
- THE CONTRACTOR SHALL USE SUPPORTS AND SHORING TECHNIQUES TO PROPERLY SUPPORT EXISTING UTILITY CROSSINGS AND TRENCH WALLS ASSOCIATED WITH DEMOLITION ACTIVITIES AS PER OSHA REGULATIONS.
- THE CONTRACTOR SHALL SAWCUT EXISTING PAVEMENT AND CONCRETE AS SHOWN ON THE PLAN PRIOR TO THE REMOVAL OF ANY BITUMINOUS PAVEMENT OR DEMOLITION ACTIVITIES ASSOCIATED WITH THIS WORK.
- THE BOUNDARY AND TOPOGRAPHIC INFORMATION SHOWN HEREON IS BASED ON A FIELD SURVEY PERFORMED AND PREPARED BY MCCARTHY ENGINEERING ASSOCIATES, INC. IN OCTOBER 2022.
- UNDERGROUND FACILITIES HAVE BEEN PLOTTED FROM AVAILABLE SURVEYS AND PLANS OF OTHERS AND THEREFORE THEIR ELEVATION AND LOCATION MUST BE CONSIDERED AS APPROXIMATE. ONLY THE VERIFICATION OF EACH FACILITY SHOWN OR NOT SHOWN, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO SEE THAT NO WORK IS DONE WITHOUT THE PROPER INSPECTIONS BY LOCAL AUTHORITY OR GOVERNING AGENCY.
- THE CONTRACTOR SHALL NOTIFY THE OWNER AND/OR ENGINEER AS SOON AS POSSIBLE IF CONDITIONS DIFFER FROM THOSE SHOWN ON THE PLANS OR SPECIFICATIONS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING THE LIMITS OF THE UNDERGROUND FUEL TANKS PRIOR TO ANY DISTURBANCE OF THE AREA.

Revision	Date	Description	Rev'd By

MCCARTHY ENGINEERING ASSOCIATES, INC.

www.McCarthy-Engineering.com
2500 East High Street
Suite 830
Pottsville, PA 19644

555 Van Reed Road
Suite 2
Wyomissing, PA 19610



ISSUED FOR BID
COVER SHEET
" PUBLIC WORKS FACILITY "

Client: WYOMISSING BOROUGH
Location: WYOMISSING BOROUGH,
Date: JULY 18, 2023

DRAWN BY: AMK	PROJ. MANAGER: JCM
PRINCIPAL: JCM	SCALE: NOT TO SCALE
SHEET NO. C1.0	
PLAN NO. 230004-08- C0-01	

ISSUED FOR BID JULY 19, 2023
NOT FOR CONSTRUCTION



PENNSYLVANIA ACT 287, AS AMENDED BY ACT 121 REQUIRES NOTIFICATION OF EXCAVATORS, DESIGNERS, OR ANY PERSON PREPARING TO DISTURB THE EARTH'S SURFACE ANYWHERE IN THE COMMONWEALTH.

ACT 287 UNDERGROUND UTILITY PROTECTION ACT, AS AMENDED BY ACT 121.

MCCARTHY ENGINEERING ASSOCIATES, INC. HEREBY STATES THAT, PURSUANT TO THE PROVISIONS OF ACT NO. 121 OF OCTOBER 2008, OF THE PENNSYLVANIA LEGISLATURE, IT HAS PERFORMED THE FOLLOWING IN PREPARING THESE DRAWINGS REQUIRING EXCAVATION OR DEMOLITION WORK AT SITES WITHIN THE POLITICAL SUBDIVISION(S) SHOWN ON THE DRAWINGS:

- PURSUANT TO SECTION 4, CLAUSE (2) OF SAID ACT, MCCARTHY ENGINEERING ASSOCIATES, INC. REQUESTED FROM EACH USER'S OFFICE DESIGNATED ON SUCH LIST PROVIDED BY THE ONE CALL SYSTEM NOTIFICATION, THE INFORMATION PRESCRIBED BY SECTION 4, CLAUSE (2) OF SAID ACT, NOT LESS THAN 110) NOR MORE THAN (90) WORKING DAYS BEFORE FINAL DESIGN TO BE COMPLETED.
- PURSUANT TO SECTION 4, CLAUSE (3) OF SAID ACT, MCCARTHY ENGINEERING ASSOCIATES, INC. HAS MET THEIR OBLIGATIONS OF CLAUSE (3) BY CALLING THE ONE CALL SYSTEM SERVING THE LOCATION WHERE EXCAVATION IS TO BE PERFORMED.
- PURSUANT TO SECTION 4, CLAUSE (3) OF SAID ACT, MCCARTHY ENGINEERING ASSOCIATES, INC. HAS SHOWN UPON THESE DRAWINGS, THE POSITION AND TYPE OF EACH LINE, AS DERIVED PURSUANT TO THE REQUEST MADE AS REQUIRED BY CLAUSE (3), THE SERIAL NUMBER PROVIDED BY THE ONE CALL SYSTEM, THE TOLL-FREE ONE CALL SYSTEM PHONE NUMBER, AND THE NAME OF THE USER, THE USER'S DESIGNATED OFFICE ADDRESS AND PHONE NUMBER AS SHOWN ON THE LIST REFERRED TO IN SECTION 4, CLAUSE (3) OF SAID ACT.

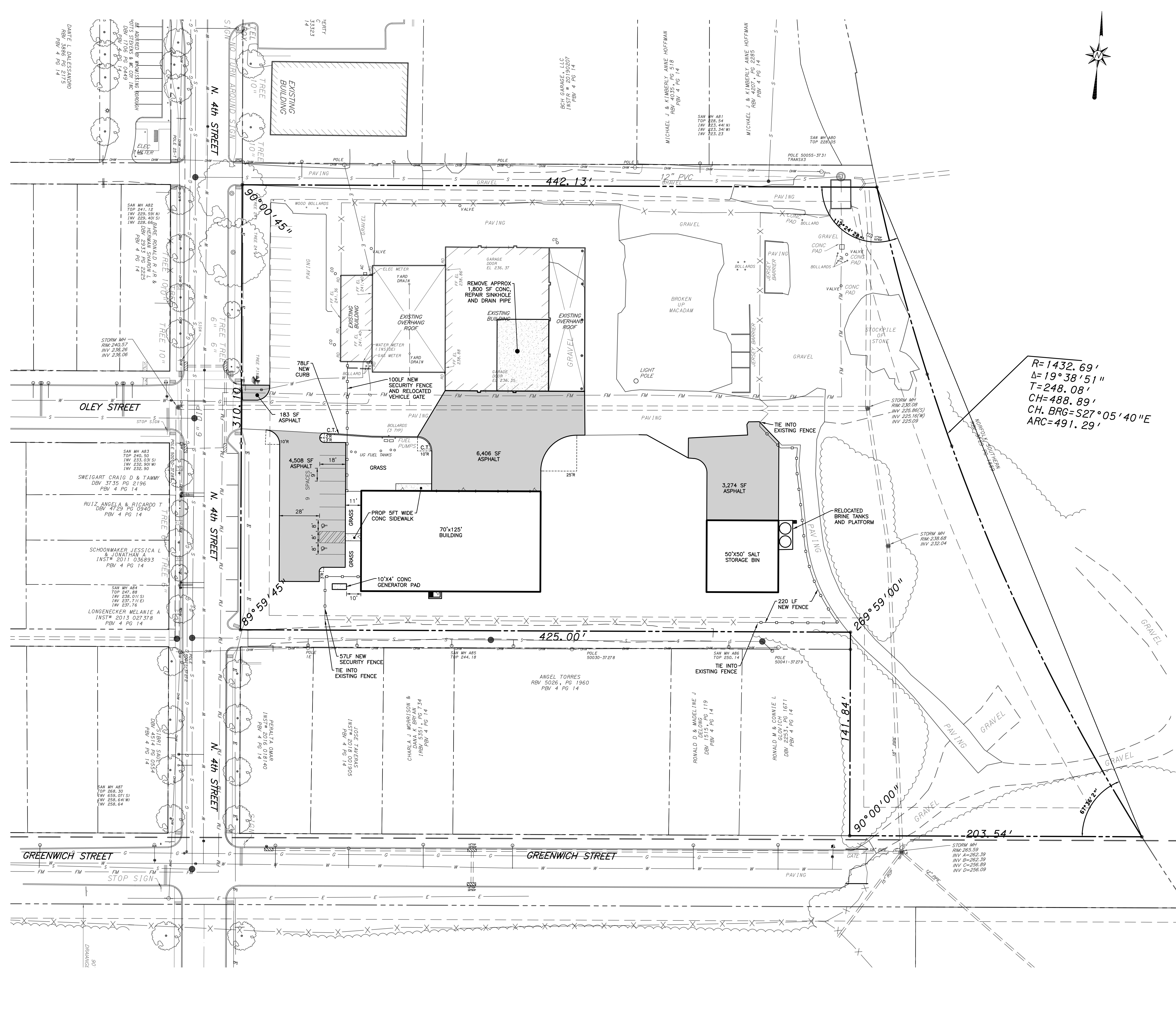
AND MCCARTHY ENGINEERING ASSOCIATES, INC. DOES NOT MAKE ANY REPRESENTATION, WARRANTY, ASSURANCE OR GUARANTEE, THAT THE INFORMATION RECEIVED PURSUANT TO SAID REQUEST AND AS REFLECTED ON THESE DRAWINGS IS CORRECT OR ACCURATE, BUT MCCARTHY ENGINEERING ASSOCIATES, INC. IS REFLECTING SAID INFORMATION ON THESE DRAWINGS ONLY DUE TO THE REQUIREMENTS OF THE SAID ACT NO. 121 OF OCTOBER 2008.

ONE CALL SYSTEM SERIAL NO. NOTIFICATION BY MCCARTHY ENGINEERING ASSOCIATES, INC. DATE: JUNE 23, 2021
ONE CALL SYSTEM SERIAL NUMBER: 20211730550

UNDERGROUND UTILITY USERS:
VISIBLE LOCATION: ACT 287, AS AMENDED BY ACT 121, UTILITY RESPONSES AND/OR BEST AVAILABLE PLAN INFORMATION.

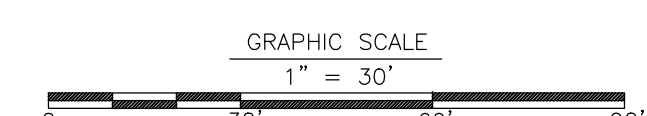
MCCARTHY ENGINEERING ASSOCIATES, INC. CANNOT GUARANTEE THE EXACT LOCATION OF ANY UNDERGROUND UTILITIES OR STRUCTURES. AN EXACT LOCATION CAN ONLY BE OBTAINED BY SUBSURFACE EXPLORATION, WHICH IS NOT A PART OF THIS CONTRACT PERFORMANCE.

PA ONE CALL SYSTEM INFORMATION:
PENNSYLVANIA ACT 287, AS AMENDED BY ACT 121, REQUIRES THREE (3) WORKING DAYS NOTICE IN CONSTRUCTION PHASE AND FIVE (5) WORKING DAYS NOTICE IN DESIGN STAGE.
PA ONE CALL PHONE NUMBER: 1-800-242-1776



$R=1432.69'$
 $\Delta=19^{\circ}38'51''$
 $T=248.08'$
 $CH=488.89'$
 $CH. BRG=S27^{\circ}05'40''E$
 $ARC=491.29'$

- LEGEND:**
- S — EXISTING SANITARY SEWER & MANHOLE
 - SS — EXISTING STORM SEWER & CATCH BASIN
 - W — EXISTING WATER LINE & VALVE
 - F — EXISTING FIRE HYDRANT
 - G — EXISTING GAS LINE & VALVE
 - T — EXISTING TELEPHONE
 - E — EXISTING ELECTRIC
 - OW — EXISTING OVERHEAD WIRE
 - UL — EXISTING LIGHTING FEATURES
 - UP — EXISTING UTILITY POLE
 - CC — EXISTING CURB AND DEPRESSED CURB
 - SG — EXISTING SIGNS
 - FX — EXISTING FENCE
 - TL — EXISTING TREE LINE
 - PF — PROPOSED FENCE
 - PA — PROPOSED PAVED AREA
 - PC — PROPOSED CONCRETE AREA



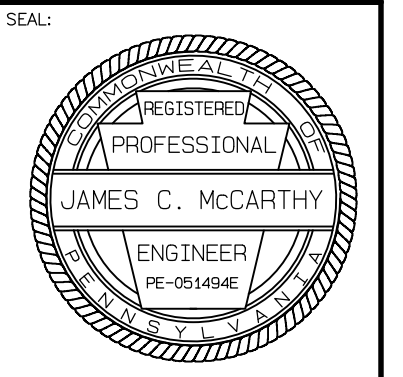
ISSUED FOR BID JULY 19, 2023
NOT FOR CONSTRUCTION

Revision	Date	Description

2500 East High Street
Suite 2
Pittsboro, PA 19642



555 Van Reed Road
Pittsboro, PA 19601

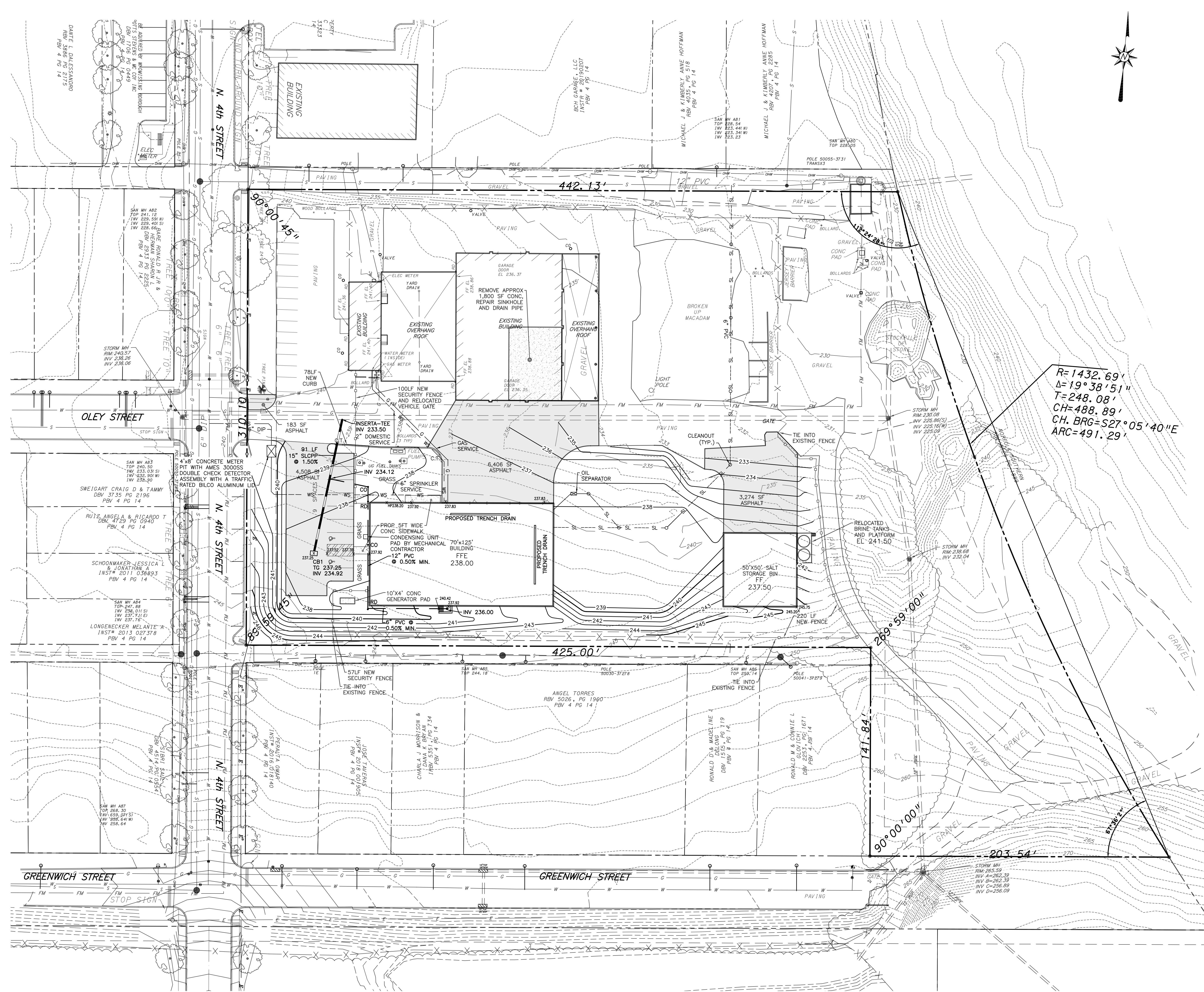


ISSUED FOR BID
SITE PLAN
"PUBLIC WORKS FACILITY"

Client: WYOMISSING BOROUGH, BERKS COUNTY, PENNSYLVANIA
Date: JULY 19, 2023
DRAWN BY: AMK
PRINCIPAL: JCM
SHEET NO. C3.0
PLAN NO. 230004-08- 51-03

GENERAL CONSTRUCTION NOTES:

- AREAS WHICH ARE TO BE FILLED SHALL BE COMPACTED TO A MINIMUM DENSITY OF 95% MAXIMUM DENSITY AS DETERMINED BY THE MODIFIED PROCTOR TEST (ASTM D-698) IN THE BUILDING, PAVED AND SIDEWALK AREAS, AND 92% IN OTHER AREAS.
- DURING EXCAVATION FOR FOOTINGS, IF ANY UNSUITABLE SOIL IS UNCOVERED, THE CONTRACTOR SHALL REMOVE IT AND DEEPEN FOOTINGS AS NECESSARY TO BUILD ON CLEAN VIRGIN SOIL.
- UNDERGROUND FACILITIES HAVE BEEN PLOTTED FROM AVAILABLE SURVEYS AND PLANS OF OTHERS AND THEREFORE THEIR ELEVATION AND LOCATION MUST BE CONSIDERED AS APPROXIMATE ONLY. THE VERIFICATION OF EACH FACILITY SHOWN OR NOT SHOWN, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- ALL MATERIALS AND METHODS OF CONSTRUCTION FOR STORM, WATER SERVICE AND SANITARY SERVICES TO MEET THE LATEST STANDARDS AND SPECIFICATIONS OF THE LOCAL AUTHORITY OR GOVERNING AGENCY.
- CONTRACTOR TO VERIFY LOCATION AND FLOW OF EXISTING UTILITIES PRIOR TO INSTALLATION OF PLUMBING. ALL SERVICES TO BE CONNECTED IN ACCORDANCE WITH LOCAL CODES AND/OR UTILITY COMPANIES REQUIREMENT.
- PAVEMENT SHALL BE CONSTRUCTED IN ACCORDANCE WITH PENNDOT SPECIFICATIONS PUBLICATION 408, LATEST EDITION.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE LOCAL AUTHORITY OR GOVERNING AGENCY OF THE BEGINNING DATE OF CONSTRUCTION AND IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO SEE THAT NO WORK IS DONE WITHOUT THE PROPER INSPECTIONS BY LOCAL AUTHORITY OR GOVERNING AGENCY.
- CONTRACTOR TO NOTIFY ENGINEER AS SOON AS POSSIBLE IF CONDITIONS ON GROUND DIFFER FROM THOSE SHOWN ON THE PLAN.
- SEE ARCHITECTURAL PLANS FOR EXACT BUILDING MEASUREMENTS AND DETAILS.
- ALL AREAS OTHER THAN PAVED AREAS SHALL HAVE A MINIMUM DEPTH OF SIX INCHES (6") OF TOPSOIL. PRIOR TO SEEDING, THE SURFACE SHALL BE SCARIFIED AND CLEARED OF ALL TRASH, DEBRIS, ROOTS AND OTHER OBJECTS THAT WOULD INTERFERE WITH PLANTING, FERTILIZING OR MAINTENANCE OPERATIONS.
- SEEDING AND MULCHING SHALL BE IN ACCORDANCE WITH PENNDOT PUBLICATION 408.



LEGEND:

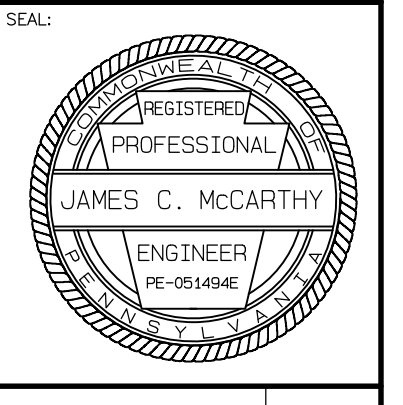
S	EXISTING SANITARY SEWER & MANHOLE
FM	EXISTING SANITARY FOREMAIN
SL	EXISTING SANITARY LATERAL
SS	EXISTING STORM SEWER & CATCH BASIN
SSP	PROPOSED STORM SEWER & CATCH BASIN
J	PROPOSED JUNCTION BOX
EW	EXISTING WATER LINE & VALVE
WS	EXISTING WATER SERVICE
W	EXISTING WELL
FH	EXISTING FIRE HYDRANT
GL	EXISTING GAS LINE & VALVE
T	EXISTING TELEPHONE
E	EXISTING ELECTRIC
OW	EXISTING OVERHEAD WIRE
451.25	EXISTING SPOT ELEVATION
451.25	PROPOSED SPOT ELEVATION
450	EXISTING CONTOURS
450	PROPOSED CONTOURS
○	EXISTING LIGHTING FEATURES
○	EXISTING UTILITY POLE
DC	EXISTING CURB AND DEPRESSED CURB

GRAPHIC SCALE
1" = 30'

ISSUED FOR BID JULY 19, 2023
NOT FOR CONSTRUCTION

Revision	Date	Description

2800 East High Street
Suite 630
Pittsboro, PA 19644
www.McCarthy-Engineering.com
Phone: 610.373.8001



**ISSUED FOR BID
GRADING & UTILITY PLAN
"PUBLIC WORKS FACILITY"**

Client: WYOMISSING BOROUGH, BERKS COUNTY, PENNSYLVANIA
Location: WYOMISSING BOROUGH, BERKS COUNTY, PENNSYLVANIA
Date: JULY 19, 2023

DRAWN BY: AMK
PRINCIPAL: JCM
SHEET NO.: C4.0
PLAN NO.: 230004-08- GU-04



PENNSYLVANIA ACT 287, AS AMENDED BY ACT 121 REQUIRES NOTIFICATION OF EXCAVATORS, DESIGNERS, OR ANY PERSON PREPARING TO DISTURB THE EARTH'S SURFACE ANYWHERE IN THE COMMONWEALTH.

ACT 287 UNDERGROUND UTILITY PROTECTION ACT, AS AMENDED BY ACT 121

McCarthy Engineering Associates, Inc. hereby states that pursuant to the provisions of ACT NO. 121 OF OCTOBER 2008 OF THE PENNSYLVANIA LEGISLATURE, IT HAS REASONED THE FOLLOWING IN PREPARING THESE DRAWINGS REQUIRING EXCAVATION OR DEMOLITION WORK AT SITES WITHIN THE POLITICAL SUBDIVISION(S) SHOWN ON THE DRAWINGS:

- PURSUANT TO SECTION 4, CLAUSE (2) OF SAID ACT, McCarthy Engineering Associates, Inc. REQUESTED FROM EACH USER'S OFFICE DESIGNATED ON SUCH LIST PROVIDED BY THE ONE CALL SYSTEM MODIFICATION, THE INFORMATION DESCRIBED BY SECTION 4, CLAUSE (2) OF SAID ACT, NOT LESS THAN (10) NOR MORE THAN (90) WORKING DAYS BEFORE FINAL DESIGN TO BE COMPLETED.
- PURSUANT TO SECTION 4, CLAUSE (5) OF SAID ACT, McCarthy Engineering Associates, Inc. HAS SHOWN UPON THESE DRAWINGS THE POSITION AND TYPE OF EACH LINE, AS DERIVED PURSUANT TO THE REQUEST MADE AS REQUIRED BY CLAUSE (2), THE SERIAL NUMBER PROVIDED BY THE ONE CALL SYSTEM, THE TOLL-FREE ONE CALL SYSTEM PHONE NUMBER, AND THE NAME OF THE USER, THE USER'S DESIGNATED OFFICE ADDRESS AND PHONE NUMBER AS SHOWN ON THE LIST REFERRED TO IN SECTION 4, CLAUSE (5) OF SAID ACT.
- PURSUANT TO SECTION 4, CLAUSE (3) OF SAID ACT, McCarthy Engineering Associates, Inc. HAS MET THEIR OBLIGATIONS OF CLAUSE (2) BY CALLING THE ONE CALL SYSTEM SERVING THE LOCATION WHERE EXCAVATION IS TO BE PERFORMED.

AND McCarthy Engineering Associates, Inc. DOES NOT MAKE ANY REPRESENTATION, WARRANTY, ASSURANCE OR GUARANTEE THAT THE INFORMATION RECEIVED PURSUANT TO SAID REQUEST AND AS REFLECTED ON THESE DRAWINGS IS CORRECT OR ACCURATE, BUT DRAWINGS ONLY DUE TO THE REQUIREMENTS OF THE SAID ACT NO. 121 OF OCTOBER 2008.

ONE CALL SYSTEM SERIAL NO. NOTIFICATION BY McCarthy Engineering Associates, Inc., DATE: JUNE 23, 2021

ONE CALL SYSTEM SERIAL NUMBER: 20211730550

UNDERGROUND UTILITY USERS:
UNDERGROUND UTILITY LOCATIONS ARE APPROXIMATE AND WERE DETERMINED FROM VISUAL LOCATION, ACT 287, AS AMENDED BY ACT 121, UTILITY RESPONSES AND/OR BEST AVAILABLE PLAN INFORMATION.

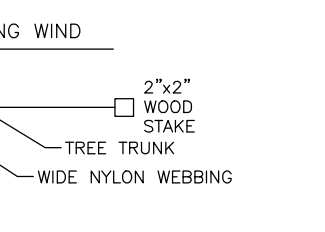
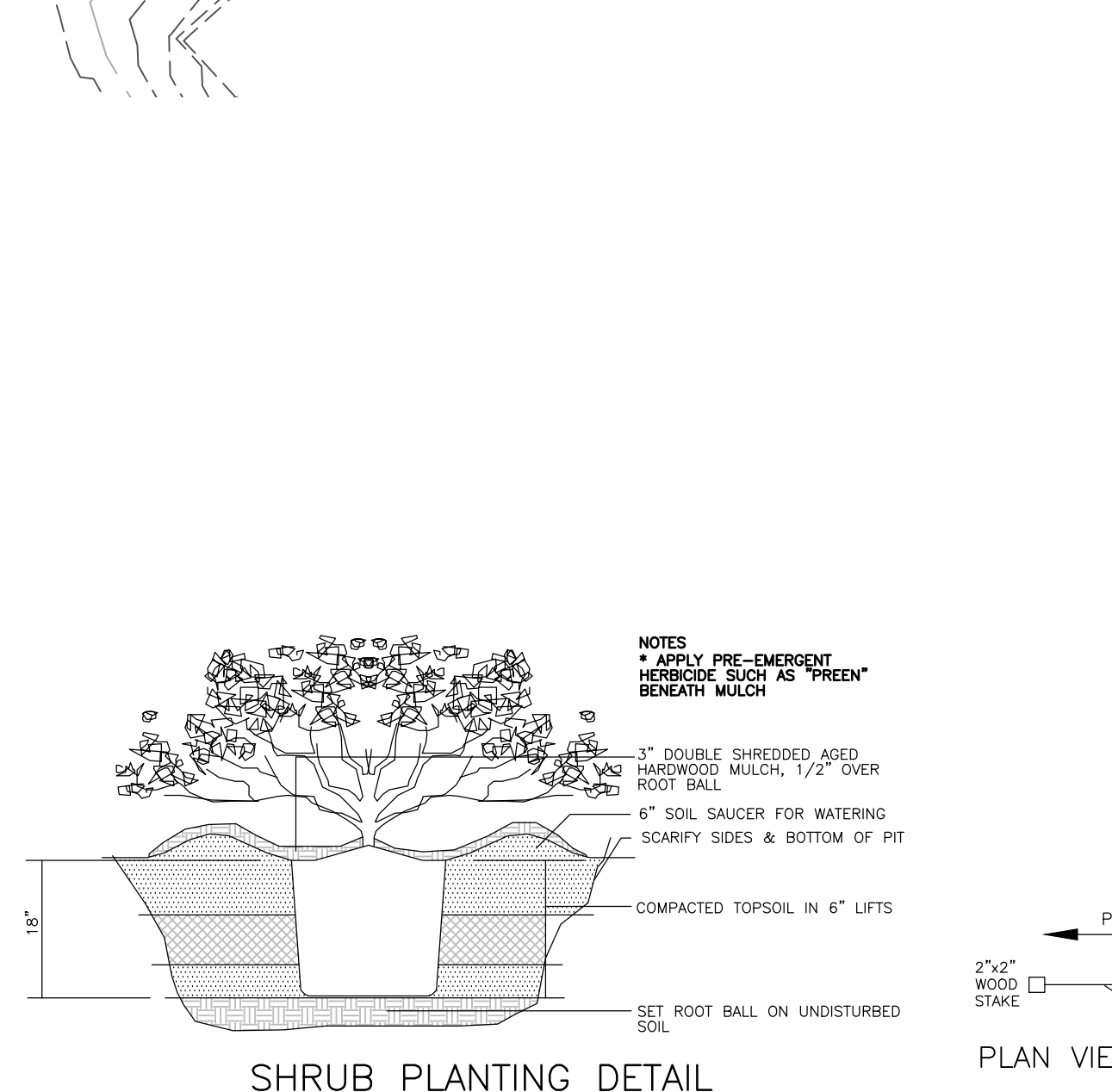
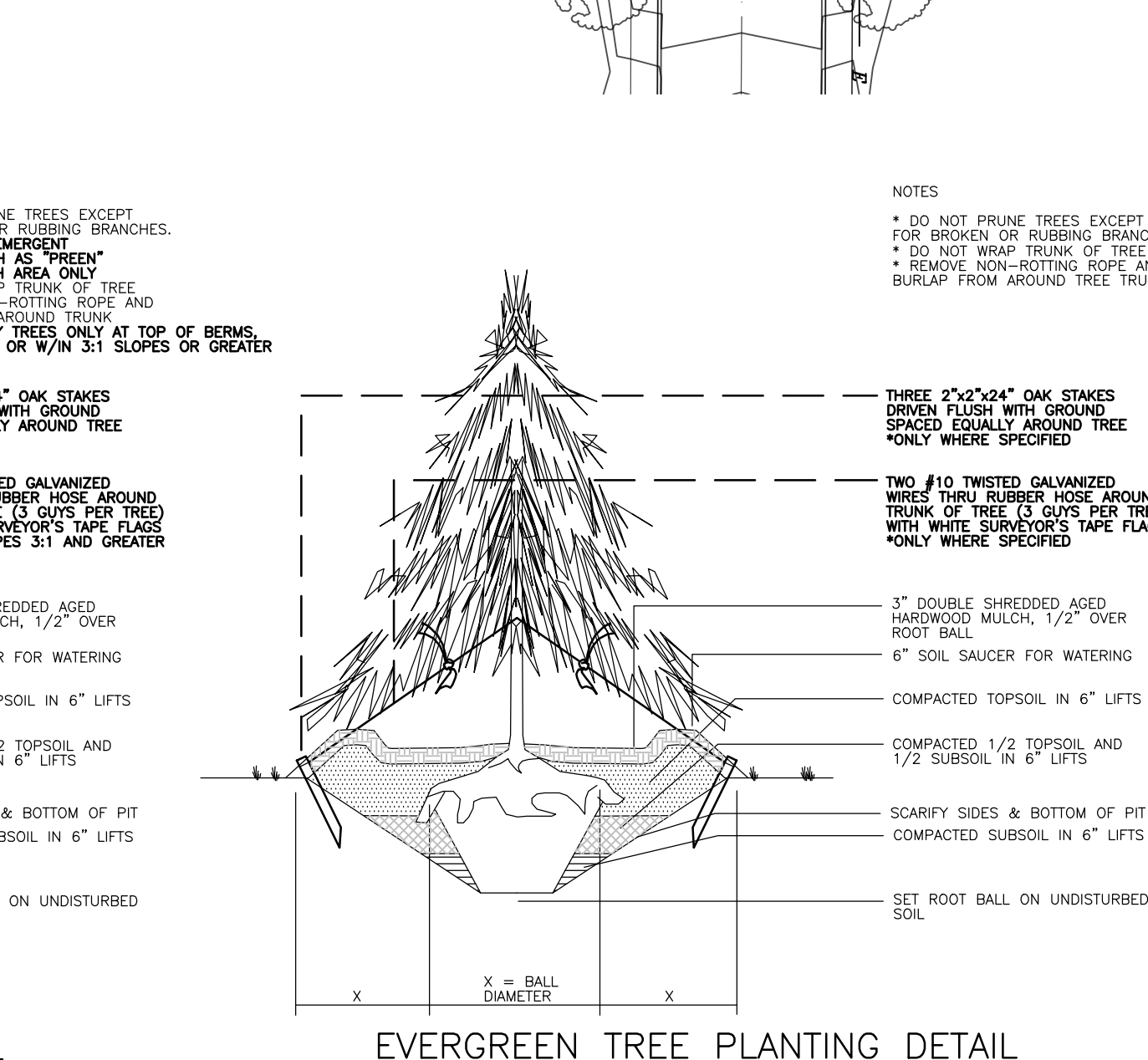
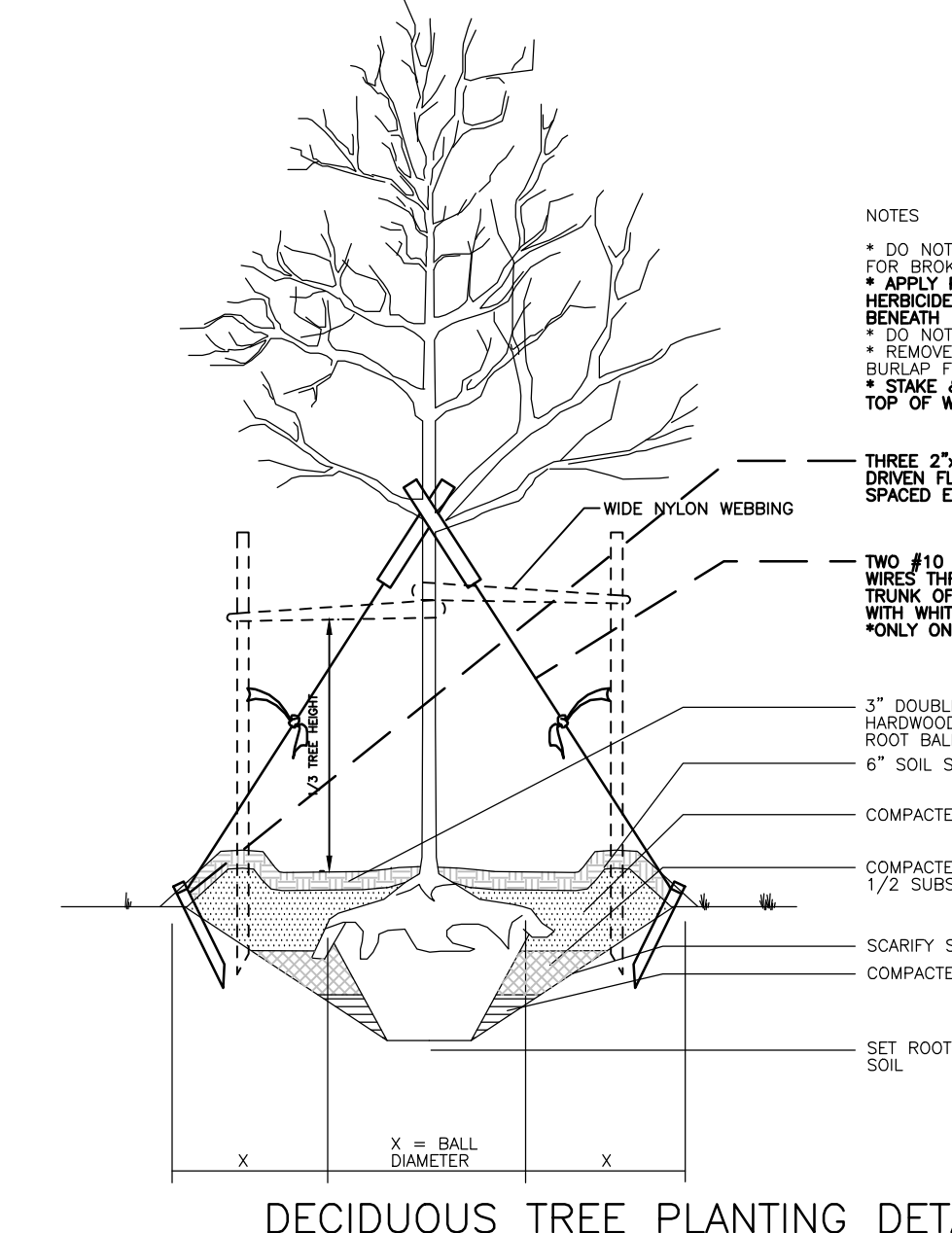
McCarthy Engineering Associates, Inc. CANNOT GUARANTEE THE EXACT LOCATION OF ANY UNDERGROUND UTILITIES OR STRUCTURES. AN EXACT LOCATION CAN ONLY BE OBTAINED BY SUBSURFACE EXPLORATION, WHICH IS NOT A PART OF THIS CONTRACT PERFORMANCE.

PA ONE CALL SYSTEM INFORMATION:
PENNSYLVANIA ACT 287, AS AMENDED BY ACT 121, REQUIRES THREE (3) WORKING DAYS NOTICE FOR CONSTRUCTION PHASE AND FIVE (5) WORKING DAYS NOTICE IN DESIGN STAGE.

PA ONE CALL PHONE NUMBER: 1-800-242-1776

LANDSCAPE NOTES:

- ALL VARIETIES ARE TO BE USED AS SPECIFIED, OR AN APPROVED EQUAL.
- ALL PLANTING MATERIALS MUST BE TO REGIONAL AND NATIONAL NURSERY STANDARDS AND BE APPROVED STOCK FREE OF PESTS.
- ALL SIZES AND GRADING STANDARDS FOR PLANT MATERIALS SHALL CONFORM WITH THE LATEST EDITION OF AMERICAN STANDARD OF NURSERY STOCK AS SPONSORED BY THE AMERICAN ASSOCIATION OF NURSERMEN, INC., AND APPROVED MAY 2, 1986, BY THE AMERICAN NATIONAL STANDARDS INSTITUTE, INC., OR THE LATEST REVISED EDITION OF THIS STANDARD.
- ALL PLANTING AND RELATED WORK SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR FROM THE DATE OF ACCEPTANCE BY THE TOWNSHIP. DEAD PLANTS SHALL BE REMOVED IMMEDIATELY AND REPLACEMENTS MADE NOT LATER THAN DURING THE NEXT PLANTING SEASON.
- STAKE AND GUY TREES ONLY AS NOTED IN DETAIL.
- ALL PLANTING MOUNDS AND BEDS SHALL BE MULCHED TO A DEPTH OF 3", UNLESS OTHERWISE SPECIFIED.
- ON MULTIPLE STEM TREES - TOTAL CALIPER OF ALL STEMS (MIN. 3) IS TO BE EQUAL TO 2.5 INCHES.
- WHEN PLANTED, ALL TREES MUST BE AT LEAST 6 FEET HIGH, WITH A MINIMUM CALIPER OF 2.5 INCHES MEASURED 6 INCHES ABOVE GROUND, OR IF GREATER THAN 4.5", AT 12" ABOVE GROUND.
- STREET TREES SHALL HAVE A TRUNK THAT IS CLEAN AND STRAIGHT WITHOUT BRANCHES FOR 7 FEET ABOVE THE GROUND.
- ALL SHADE TREES TO BE AT LEAST 3" CALIPER TO COMPENSATE FOR LARGE TREES REMOVED.



KEY	AMT	BOTANICAL	COMMON NAME	PLANTING SIZE	NOTES
DECIDUOUS SHADE TREES					
CK	1	CLADRASITIS KENTUCKEA	YELLOWWOOD	2 - 2 1/2" CALIPER	BB
CS	1	CATALPA SPECIOSA	NORTHERN CATALPA	2 - 2 1/2" CALIPER	BB
EVERGREEN TREES					
AF	20	ABIES FRASERI	FRASER FIR	8" - 10"	BB
ORNAMENTAL TREES					
HC	1	HALLSIA CAROLINA	SILVERBELL	6" - 8"	BB
MA	0	MALUS	APPLE	6" - 8"	BB
MC	2	METASEQUOIA GLYPTOSTROBODES	DAWN REDWOOD	2 - 2 1/2" CAL.	BB

LEGEND:

- S - EXISTING SANITARY SEWER & MANHOLE
- SS - PROPOSED SANITARY SEWER & MANHOLE
- SL - EXISTING STORM SEWER & CATCH BASIN
- SSL - PROPOSED STORM SEWER & CATCH BASIN
- W - EXISTING WATER LINE & VALVE
- WS - EXISTING WATER SERVICE
- WV - PROPOSED WATER LINE & VALVE
- WSV - PROPOSED WATER SERVICE
- E - EXISTING ELECTRIC
- EV - EXISTING OVERHEAD WIRE
- E+45.25 - EXISTING SPOT ELEVATION
- E+45.25 - PROPOSED SPOT ELEVATION
- 450 - EXISTING CONTOURS
- 450 - PROPOSED CONTOURS
- G - EXISTING GAS LINE & VALVE
- GV - PROPOSED GAS LINE
- GS - EXISTING GAS SERVICE
- T - EXISTING TELEPHONE
- TL - PROPOSED TELEPHONE
- LF - EXISTING LIGHTING FEATURES
- LF - PROPOSED LIGHTING FEATURES
- UC - EXISTING UTILITY POLE
- DC - EXISTING CURB AND DEPRESSED CURB
- C.T. - PROPOSED CURB & CURB TRANSITION
- ++ - EXISTING SIGNS
- X-X- - EXISTING FENCE
- O-O- - PROPOSED FENCE
- - - - EXISTING TREE LINE
- - - - SOIL LINE
- - - - EXISTING RIP RAP
- + - PROPOSED LARGE DECIDUOUS TREES
- - PROPOSED EVERGREEN TREES
- - PROPOSED ORNAMENTAL TREE
- - PROPOSED DECIDUOUS SHRUB
- - PROPOSED EVERGREEN SHRUB
- - PROPOSED GROUNDCOVER/PERENNIAL

GRAPHIC SCALE: 1" = 30'

ISSUED FOR BID JULY 19, 2023
NOT FOR CONSTRUCTION

McCarthy Engineering Associates, Inc.
 www.McCarthy-Engineering.com
 Phone: 610.373.8001

550 Van Reed Road
 Suite 2
 Wyomissing, PA 19880

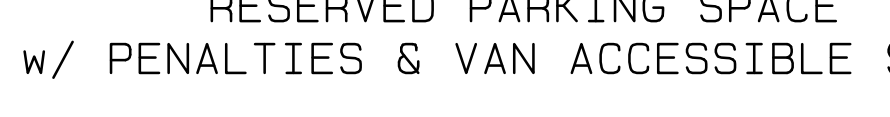
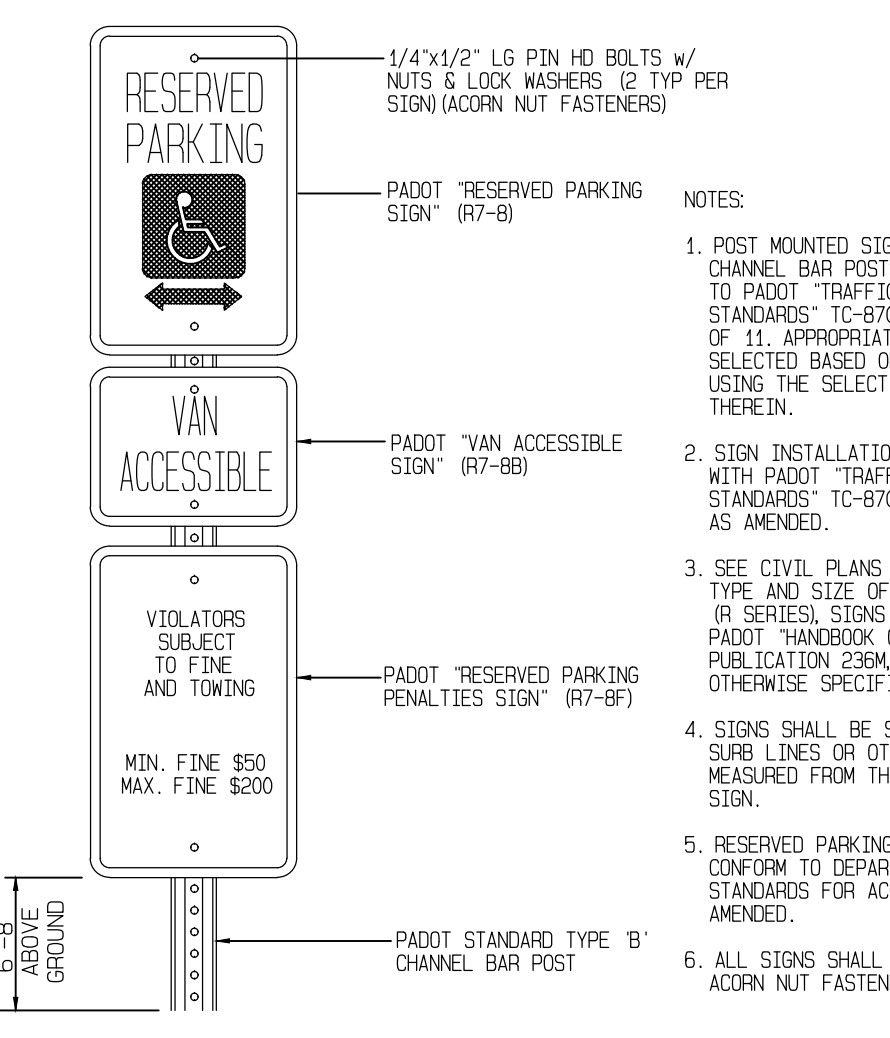
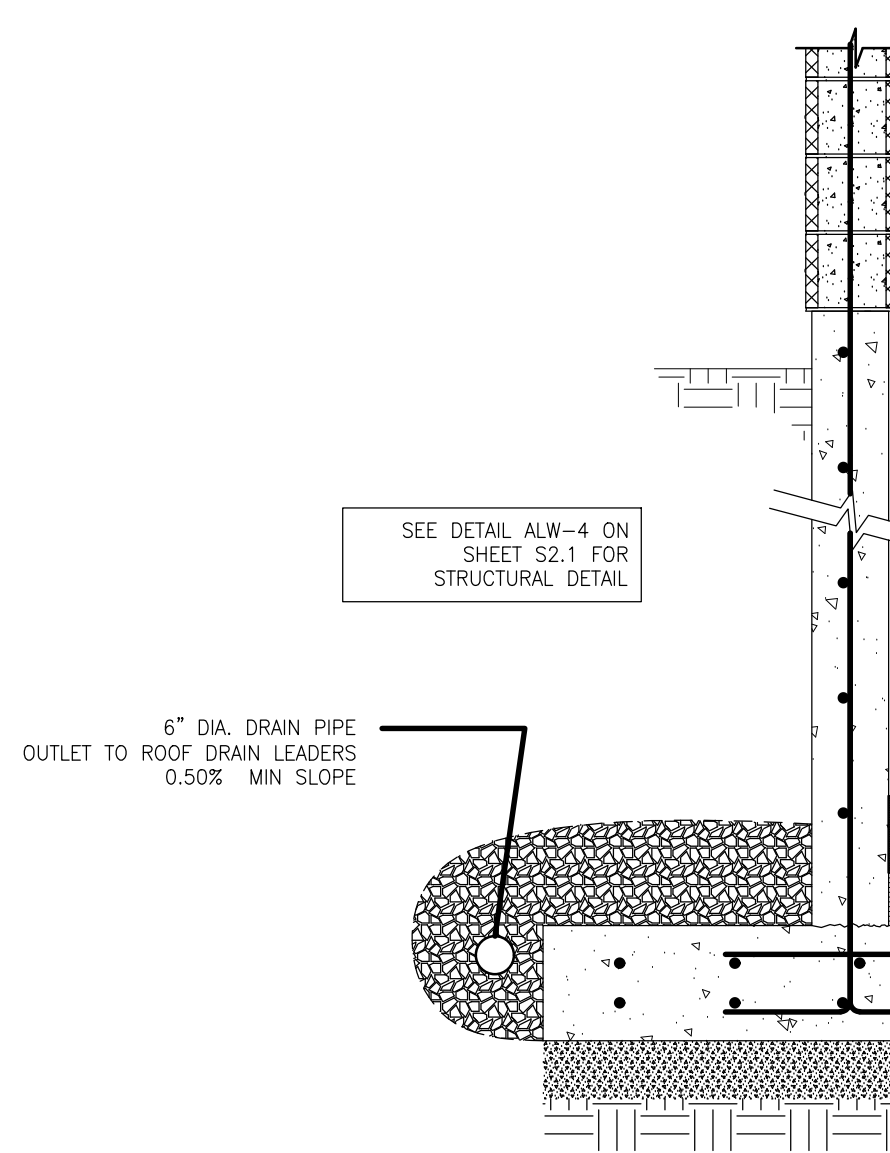
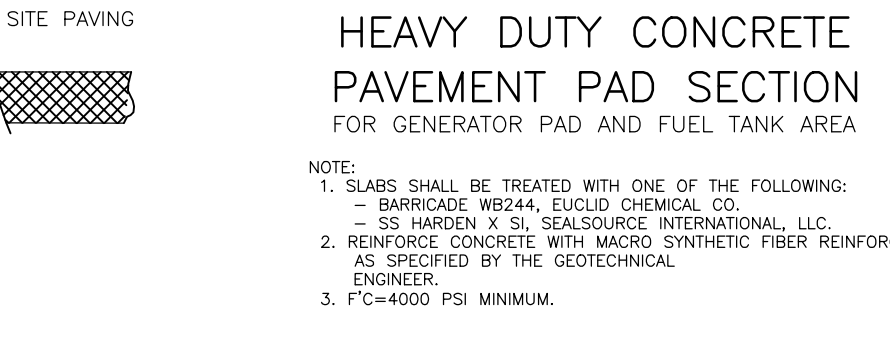
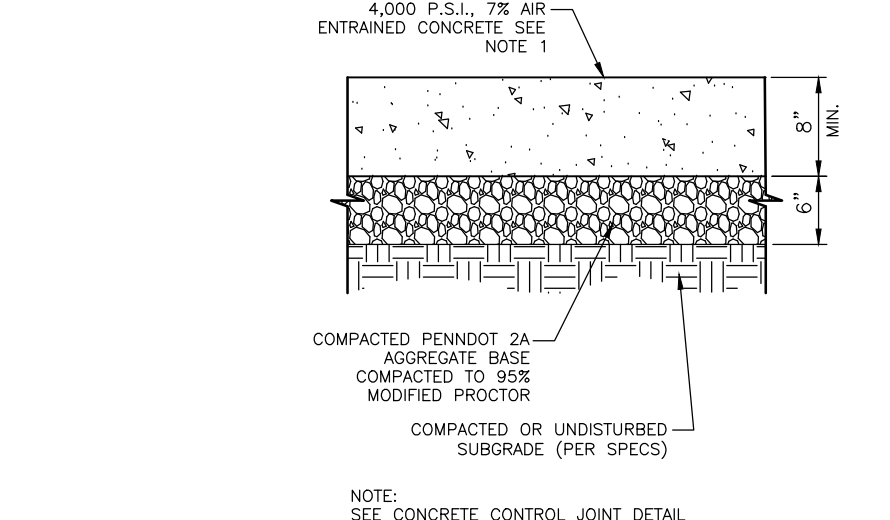
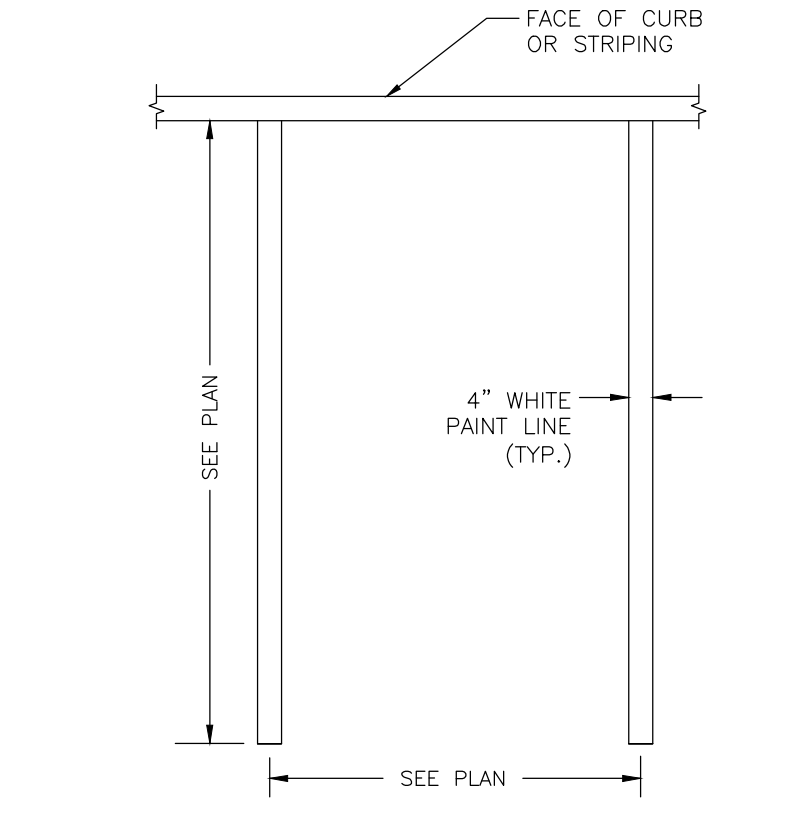
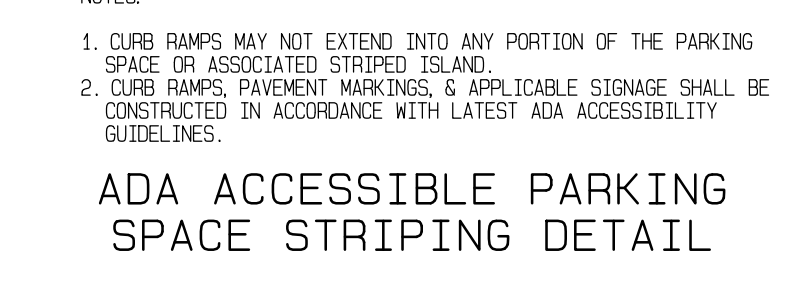
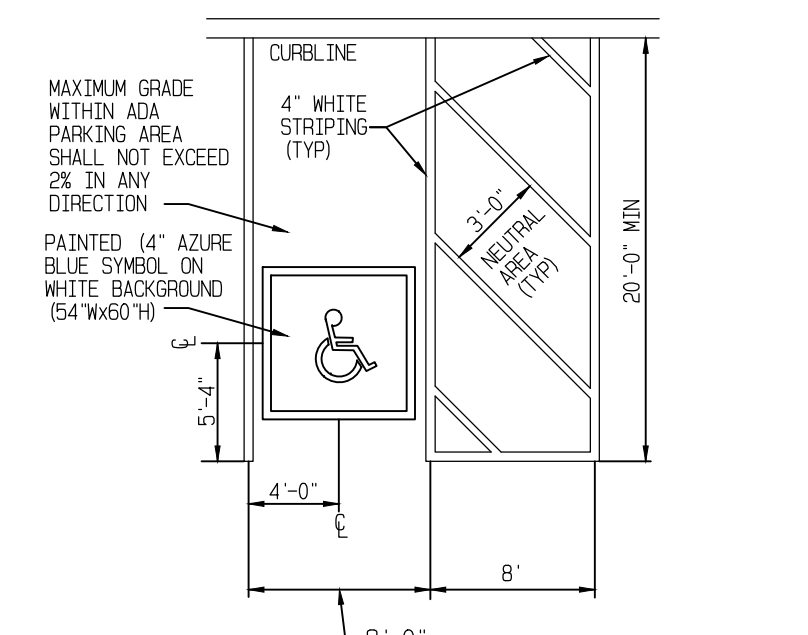
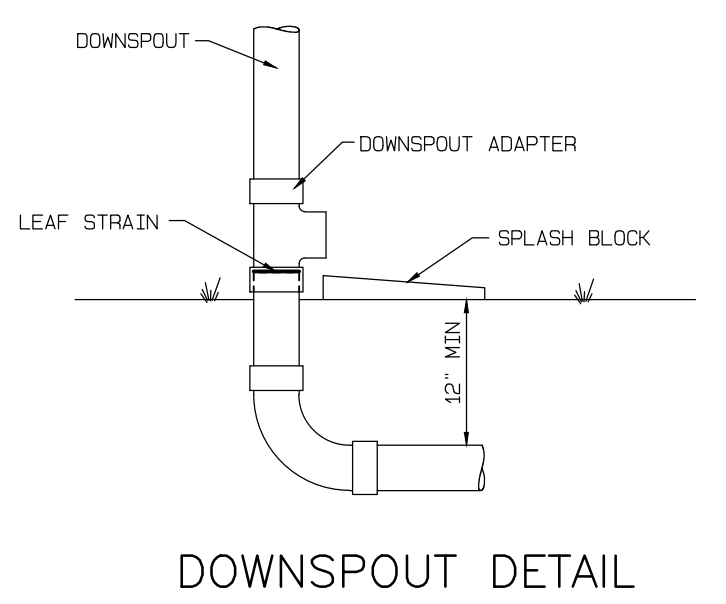
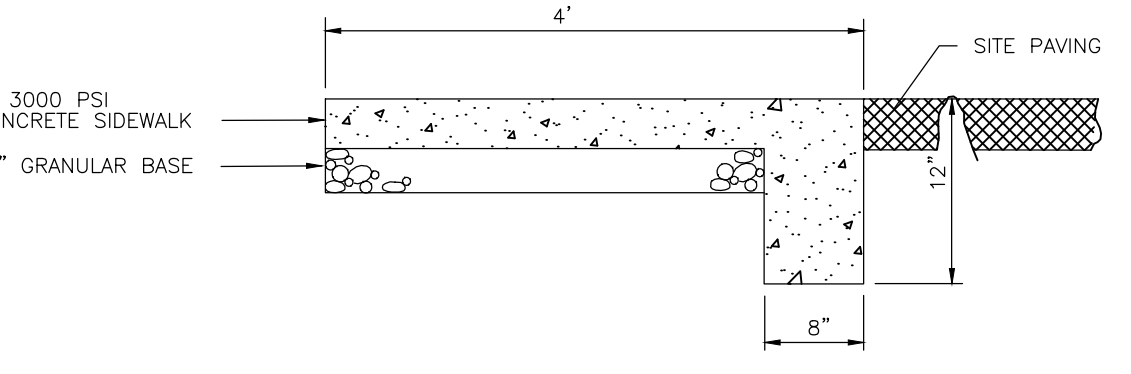
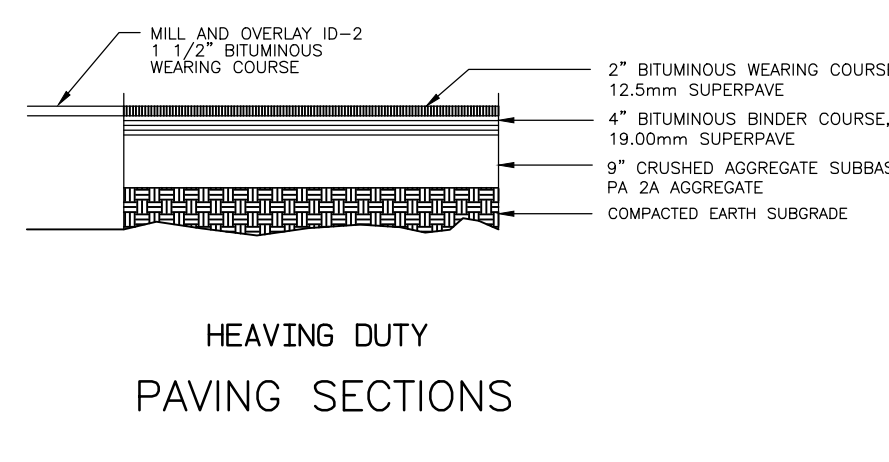
2500 East High Street
 Suite 630
 Pottstown, PA 19464

ISSUED FOR BID
LANDSCAPING PLAN
"PUBLIC WORKS FACILITY"

Client: WYOMISSING BOROUGH, BERKS COUNTY, PENNSYLVANIA
 Date: JULY 15, 2023

DRAWN BY: AMK
 PRINCIPAL: JCM
 SCALE: 1" = 30'

SHEET NO. C5.0
 PLAN NO. 230004-08- LA-05



CORRUGATED HDPE/PP BELL GRAVITY APPLICATIONS

A. BELL END ACCEPTS CORRUGATED HDPE/PP DUAL WALL PIPE-ADSHANCO INC. SPECIFICATIONS IN 4\", 6\", 8\", 10\", 12\", 15\", 18\", 21\", 24\", AND 30\" SIZES.

B. CURVATURE VARIES WITH MAINLINE DIAMETERS.

C. SPRIGOT END PVC SDR 35, ASTM D3034 DIAMETERS: 4\", 6\", 8\", 10\", 12\", 15\", 18\", 21\", 24\" AND 30\"

PART	PART NAME	MATERIALS
1	HUB ADAPTOR	PVC SDR 26 ASTM D3034
2	SECURING CLAMP*	BAND SS #301
		SCREW SS #305
		HOUSING SS #301
		ASTM F477
3	RUBBER SLEEVE (AVAILABLE IN NITRILE AND EPDM BY SPECIAL ORDER)	
3A	UPPER SEGMENT**	
3B	LOWER SEGMENT**	
4	(NOT SHOWN) ADSHANCO INC. SUPPLIES VALLEY GASKET	

INSERTA TEE SIZE	HOLE DIAMETER
4" (100 mm)	4 1/2" (114 mm)
6" (150 mm)	6 3/4" (165 mm)
8" (200 mm)	8 3/4" (222 mm)
10" (250 mm)	10 3/4" (276 mm)
12" (300 mm)	12 3/4" (327 mm)
15" (375 mm)	15 3/4" (402 mm)
18" (450 mm)	18 3/4" (483 mm)
21" (525 mm)	22 3/4" (573 mm)
24" (600 mm)	25 3/4" (643 mm)
30" (750 mm)	32 3/4" (826 mm)

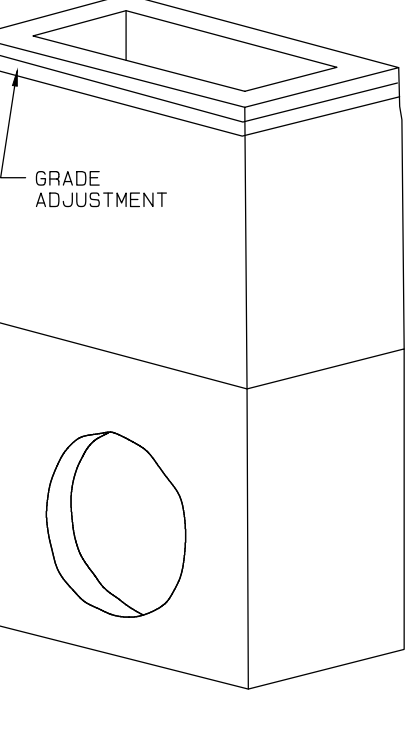
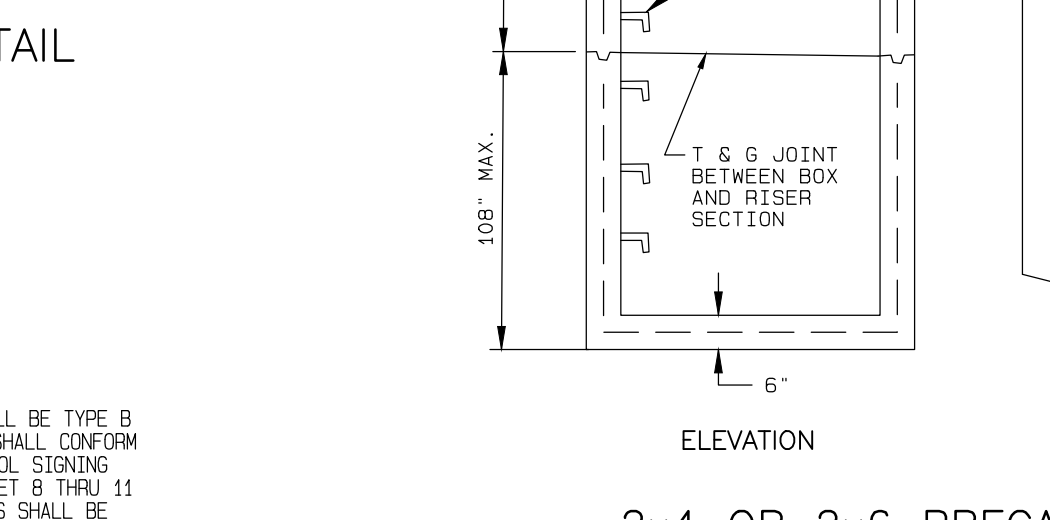
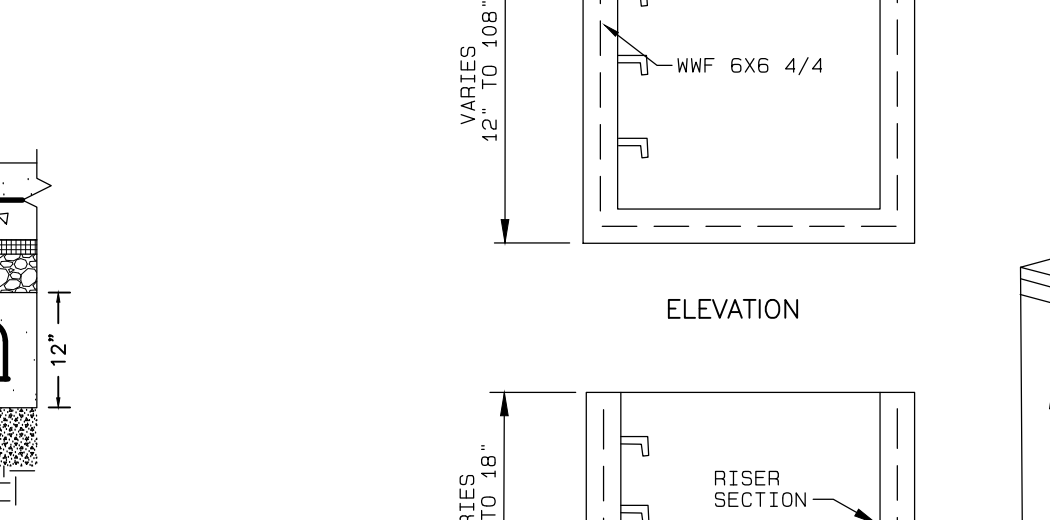
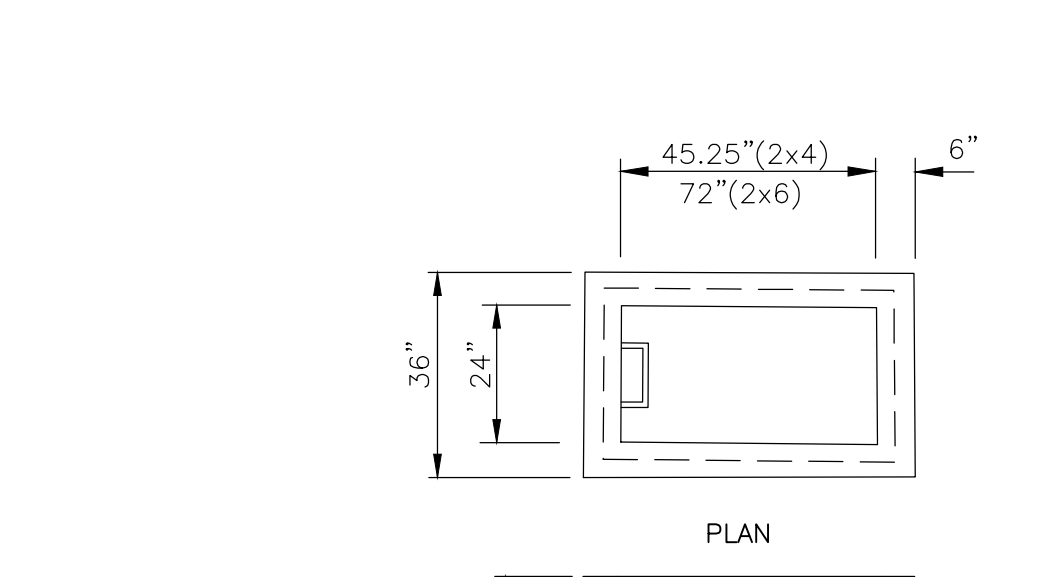
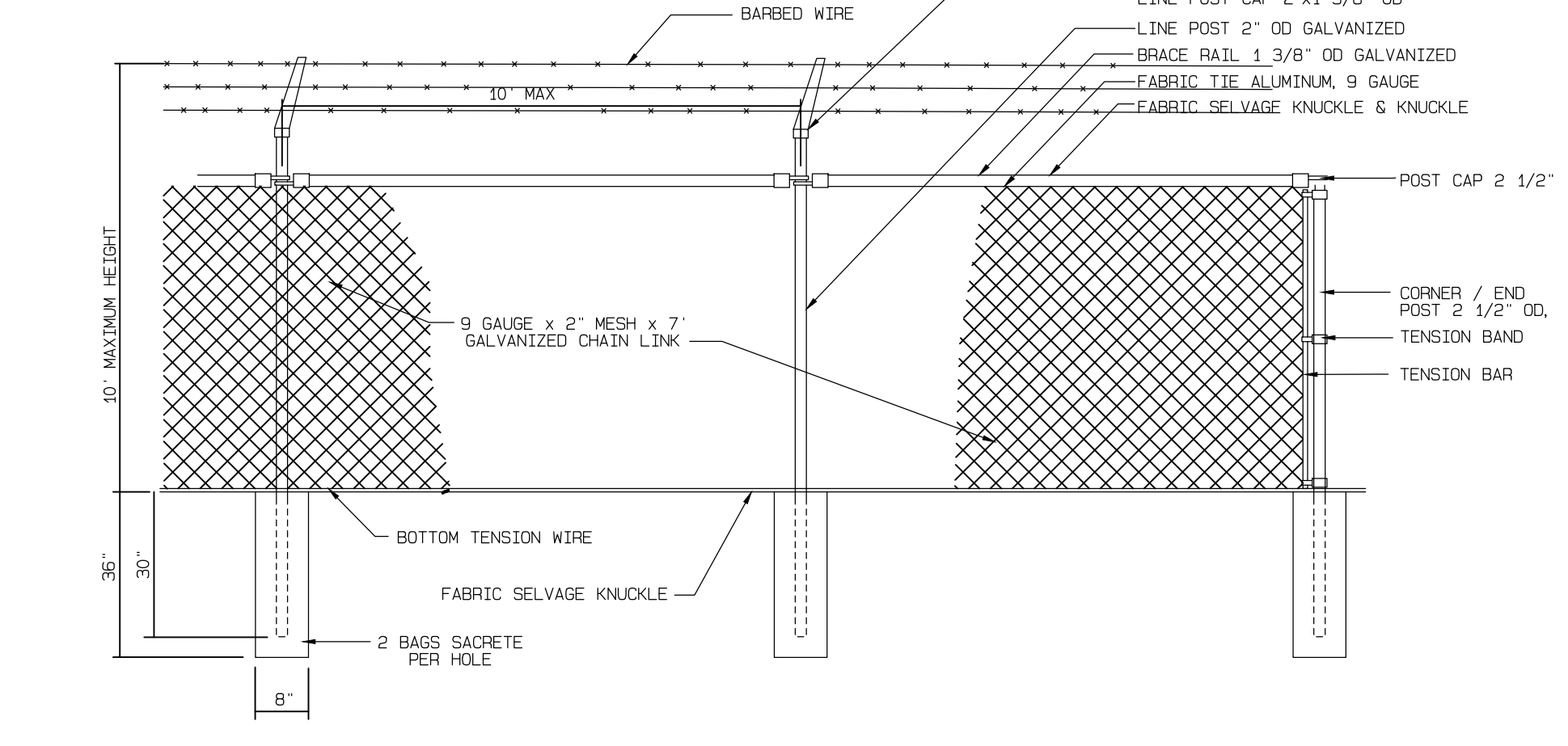
* OPTIONAL #316 STAINLESS STEEL BAND, SCREW AND HOUSING ** DISTANCE BETWEEN 4A AND 4B WILL VARY BY PRODUCT TYPE *** WILL NOT APPEAR ON RUBBER SLEEVES FOR CONCRETE OR CLAY PIPE

NOTES: RECOMMENDED METHOD OF CUTTING HOLES IS WITH HOLE SAW FOR PVC AND OTHER PLASTICS, AND DIAMOND BIT FOR CONCRETES, CLAY, FRP AND DL. (SEE INSTALLATION INSTRUCTIONS, HOLE SAWS ARE AVAILABLE FOR PURCHASE OR RENT.)

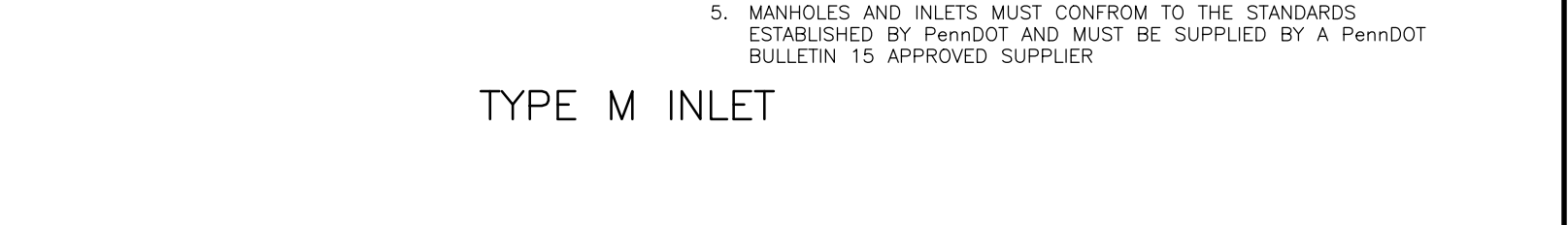
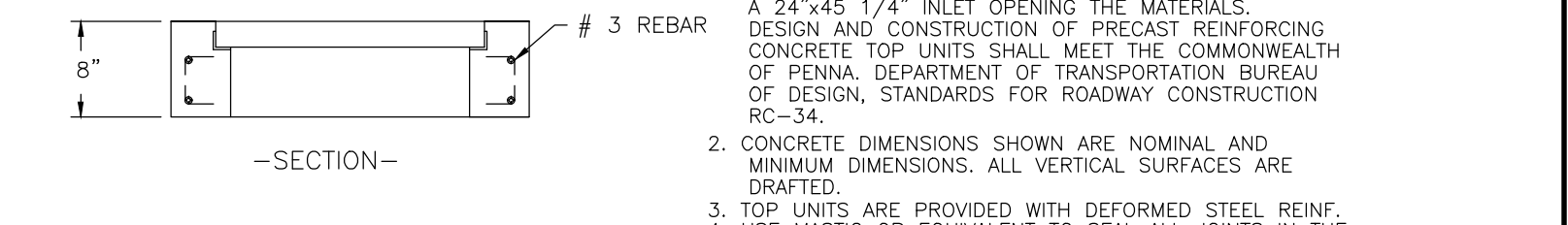
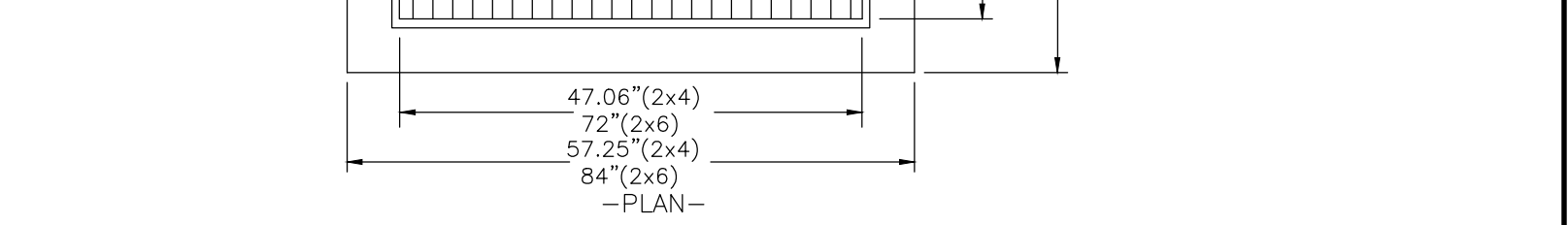
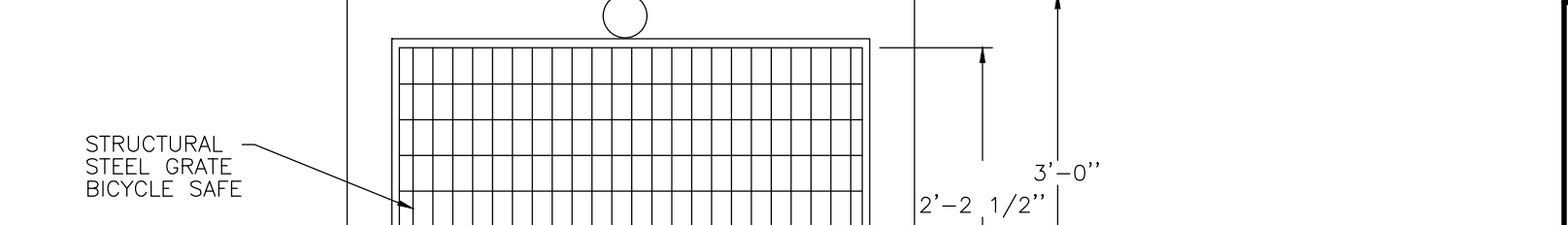
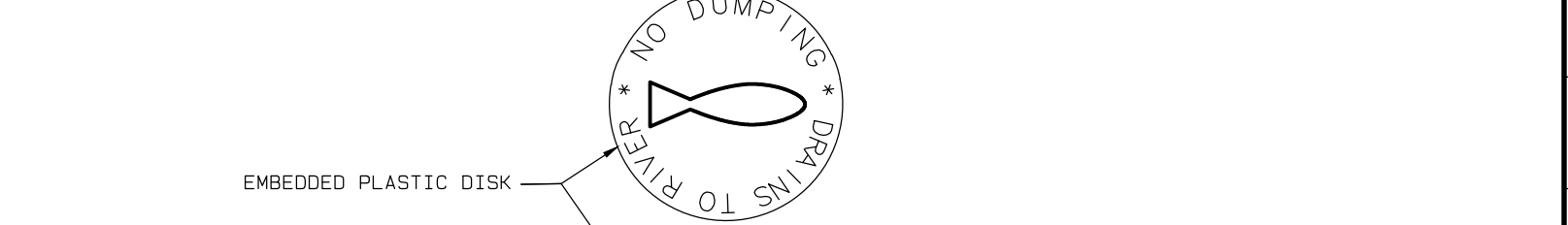
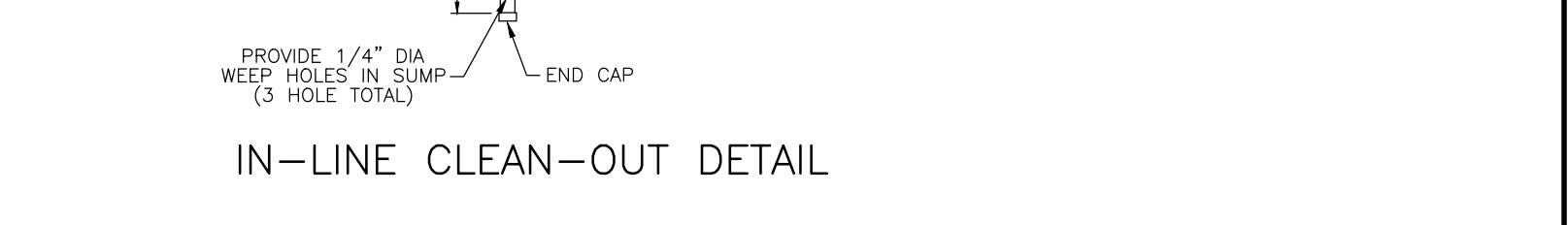
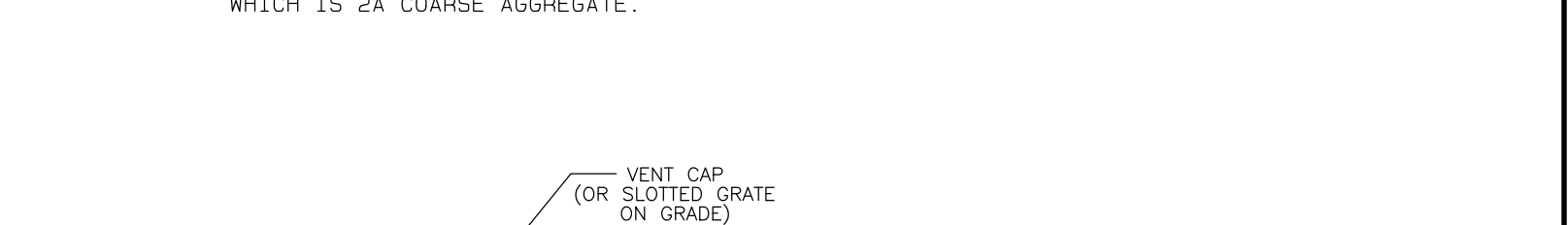
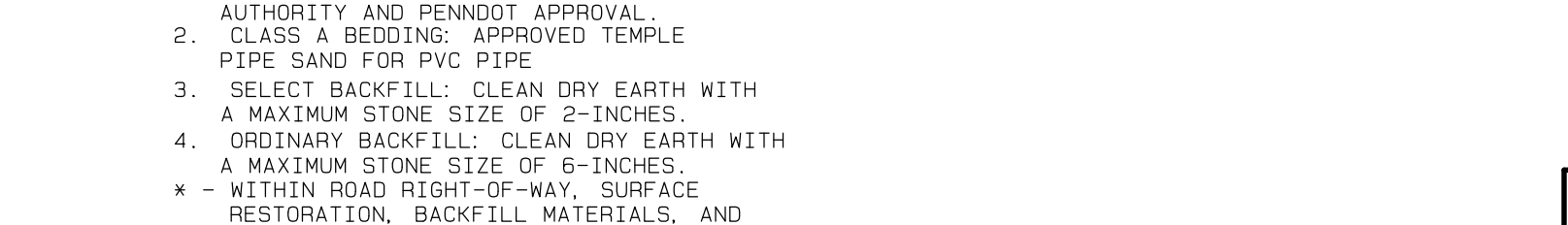
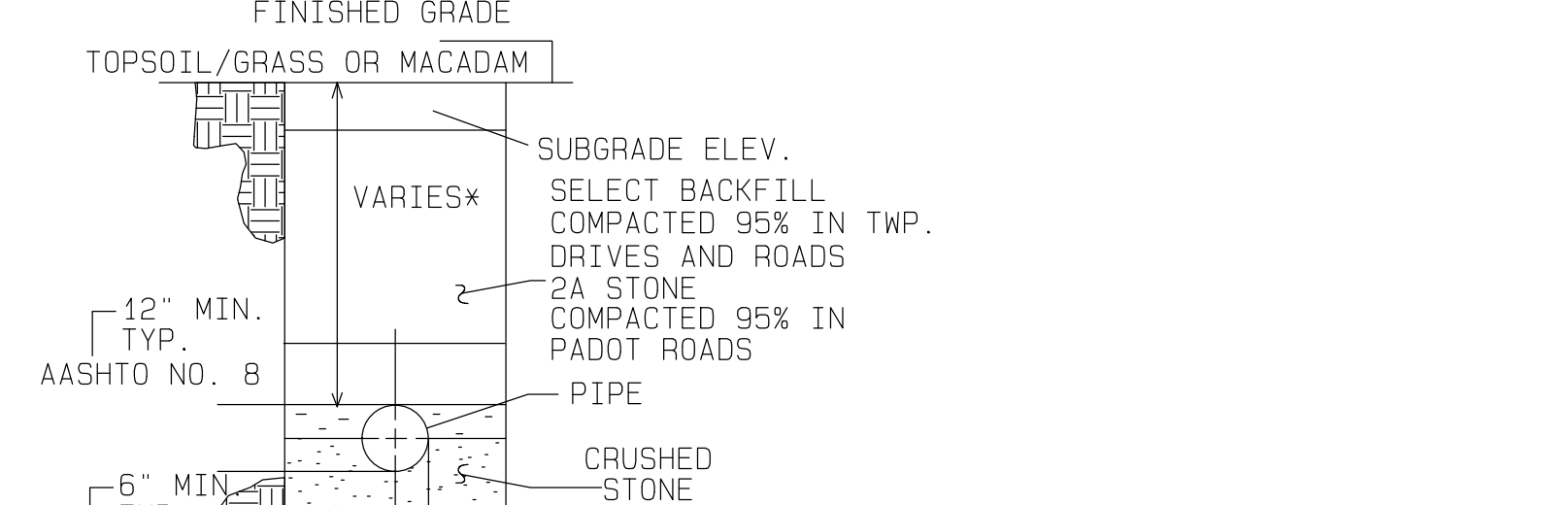
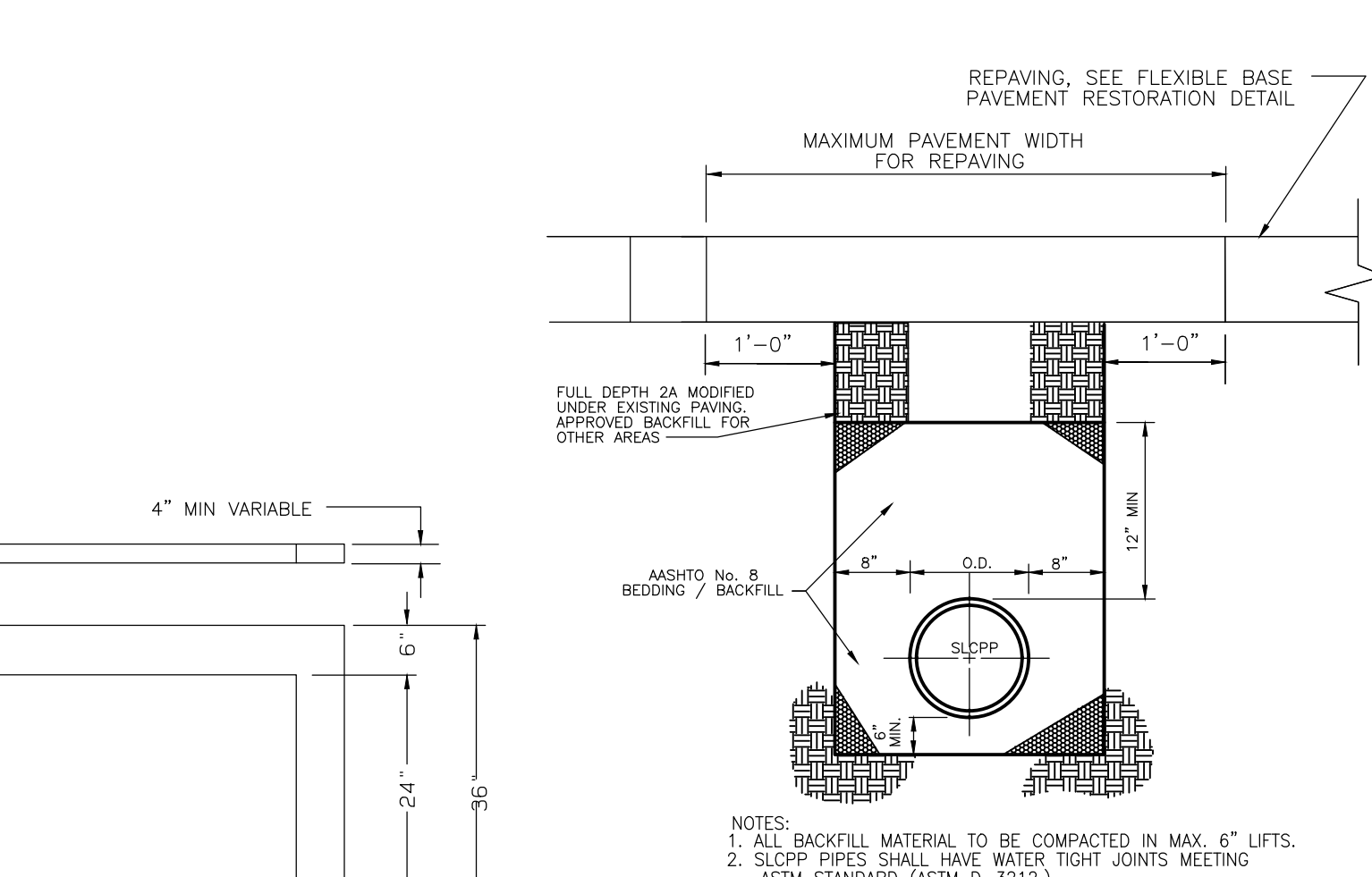
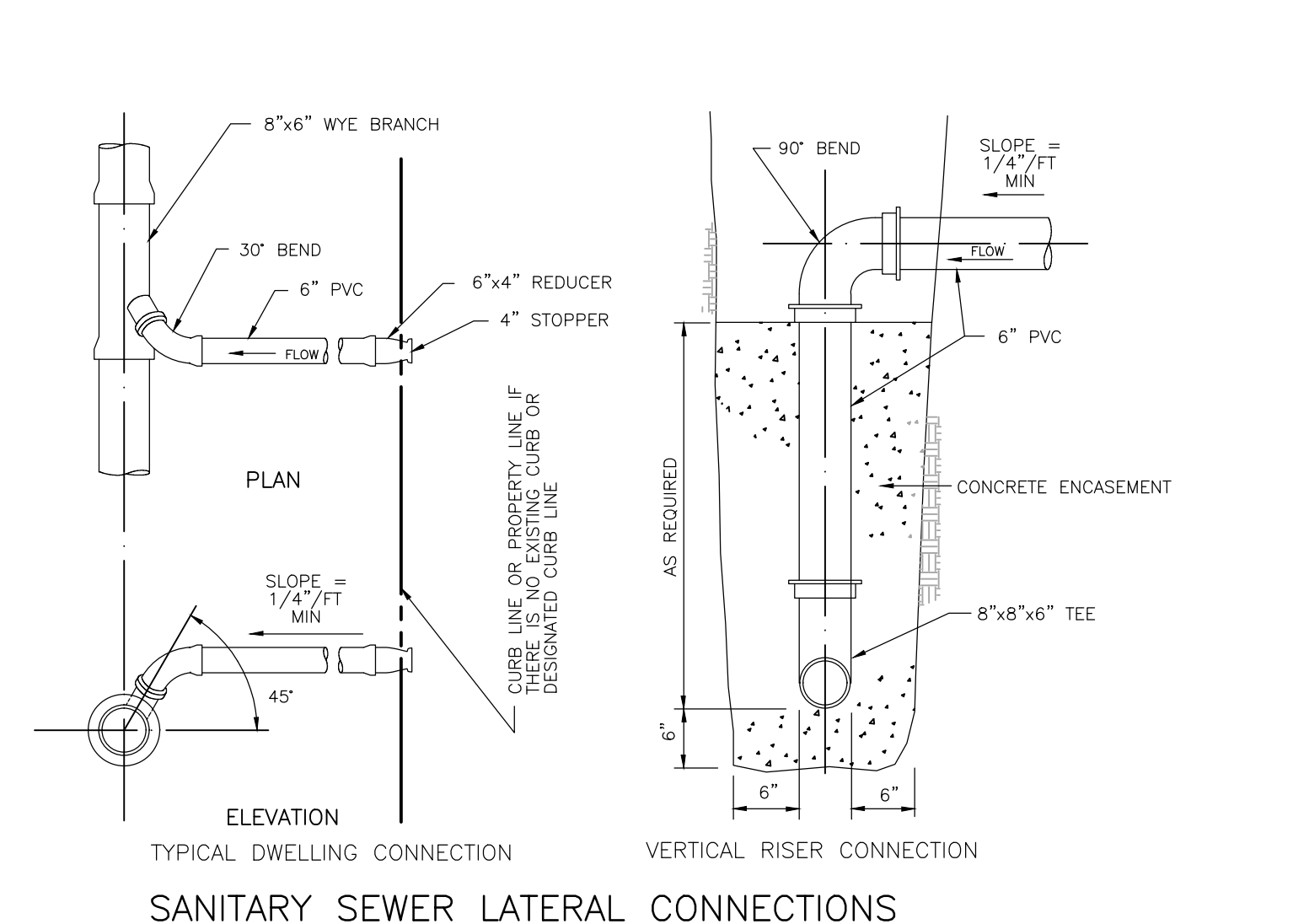
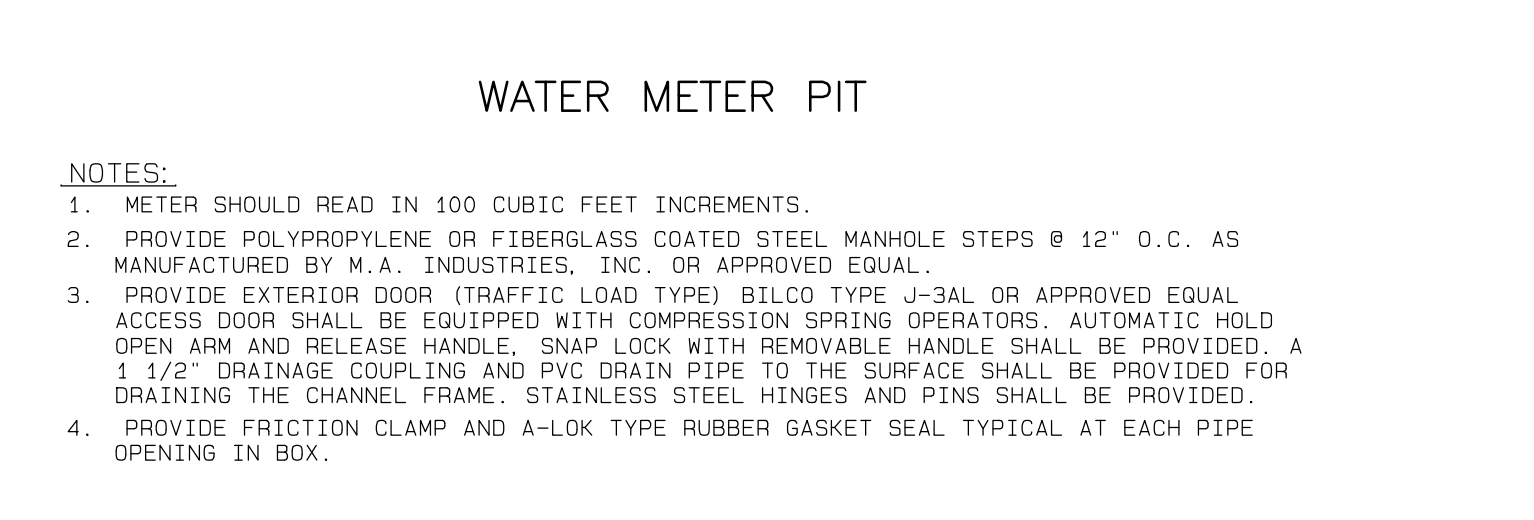
CORRUGATED HDPE/PP BELL GRAVITY APPLICATION SPECIFICATIONS

INSERTA TEE | PO BOX 714
CORNELIUS, OR 97118
PH: (503) 357-2110 FAX: (503) 358-5417
SALES@INSERTATEE.COM

SCALE: NTS
DATE: 9/12/2013
DRAWN BY: KJL



2x4 OR 2x6 PRECAST INLET BOX



PLN Date: 7/19/2023 3:26 PM P:\04_Wyoming\2023\08-Public Works Design\Design\0001_Flex\Flex-Details.dwg

2500 East High Street
Suite 630
Pittsburgh, PA 15204
Phone: 610.737.8001

McCarthy
ENGINEERING ASSOCIATES, INC.
www.McCarthy-Engineering.com
Phone: 610.737.8001

REGISTERED PROFESSIONAL ENGINEER
JAMES C. MCCARTHY
PE-65496

ISSUED FOR BID
CONSTRUCTION DETAILS
"PUBLIC WORKS FACILITY"

Client: WYOMISSING BOROUGH, BERKS COUNTY, PENNSYLVANIA
Location: WYOMISSING BOROUGH, JULY 15, 2023

DRAWN BY: AMK
PRINCIPAL: JCM

PROJ. MANAGER: JCM
SCALE: NOT TO SCALE

SHEET NO. **C6.0**
PLAN NO. 230004-08- CD-06

GENERAL NOTES:
 1. THIS PLAN IS FOR IMPLEMENTATION OF E&S CONTROL MEASURES & FACILITIES ONLY. THIS PLAN SHOULD NOT BE USED FOR CONSTRUCTION OF NON-E&S CONTROL IMPROVEMENTS.

SOILS LEGEND:
 UMB - URBAN LAND-OFFFIELD COMPLEX, 0 TO 8 PERCENT SLOPES (ENTIRE SITE)

RECEIVING WATERSHED AND CHAPTER 93 CLASSIFICATION:
 SCHUYLKILL RIVER - WWF.MF



ONECALL NOTES:
 PENNSYLVANIA ACT 287, AS AMENDED BY ACT 121, REQUIRES NOTIFICATION OF EXCAVATORS, DESIGNERS, OR ANY PERSON PREPARING TO DISTURB THE EARTH'S SURFACE ANYWHERE IN THE COMMONWEALTH.

ACT 287 UNDERGROUND UTILITY PROTECTION ACT, AS AMENDED BY ACT 121

MCCARTHY ENGINEERING ASSOCIATES, INC. HEREBY STATES THAT PURSUANT TO THE PROVISIONS OF ACT NO. 121 OF OCTOBER 2008, OF THE PENNSYLVANIA LEGISLATURE, IT HAS PERFORMED THE FOLLOWING IN PREPARING THESE DRAWINGS REQUIRING EXCAVATION OR DEMOLITION WORK AT SITES WITHIN THE POLITICAL SUBDIVISION(S) SHOWN ON THE DRAWINGS:

- PURSUANT TO SECTION 4, CLAUSE (2) OF SAID ACT, MCCARTHY ENGINEERING ASSOCIATES, INC. REQUESTED FROM EACH USER'S OFFICE DESIGNATED ON THE LIST PROVIDED BY THE ONE CALL SYSTEM NOTIFICATION, THE INFORMATION DESCRIBED BY SECTION 4, CLAUSE (2) OF SAID ACT, NOT LESS THAN (10) NOR MORE THAN (50) WORKING DAYS BEFORE FINAL DESIGN TO BE COMPLETED.
- PURSUANT TO SECTION 4, CLAUSE (4) OF SAID ACT, MCCARTHY ENGINEERING ASSOCIATES, INC. HAS MET THEIR OBLIGATIONS OF CLAUSE (2) BY CALLING THE ONE CALL SYSTEM SERVING THE LOCATION WHERE EXCAVATION IS TO BE PERFORMED.
- PURSUANT TO SECTION 4, CLAUSE (5) OF SAID ACT, MCCARTHY ENGINEERING ASSOCIATES, INC. HAS MET THEIR OBLIGATIONS OF CLAUSE (2) BY CALLING THE ONE CALL SYSTEM SERVING THE LOCATION WHERE EXCAVATION IS TO BE PERFORMED.

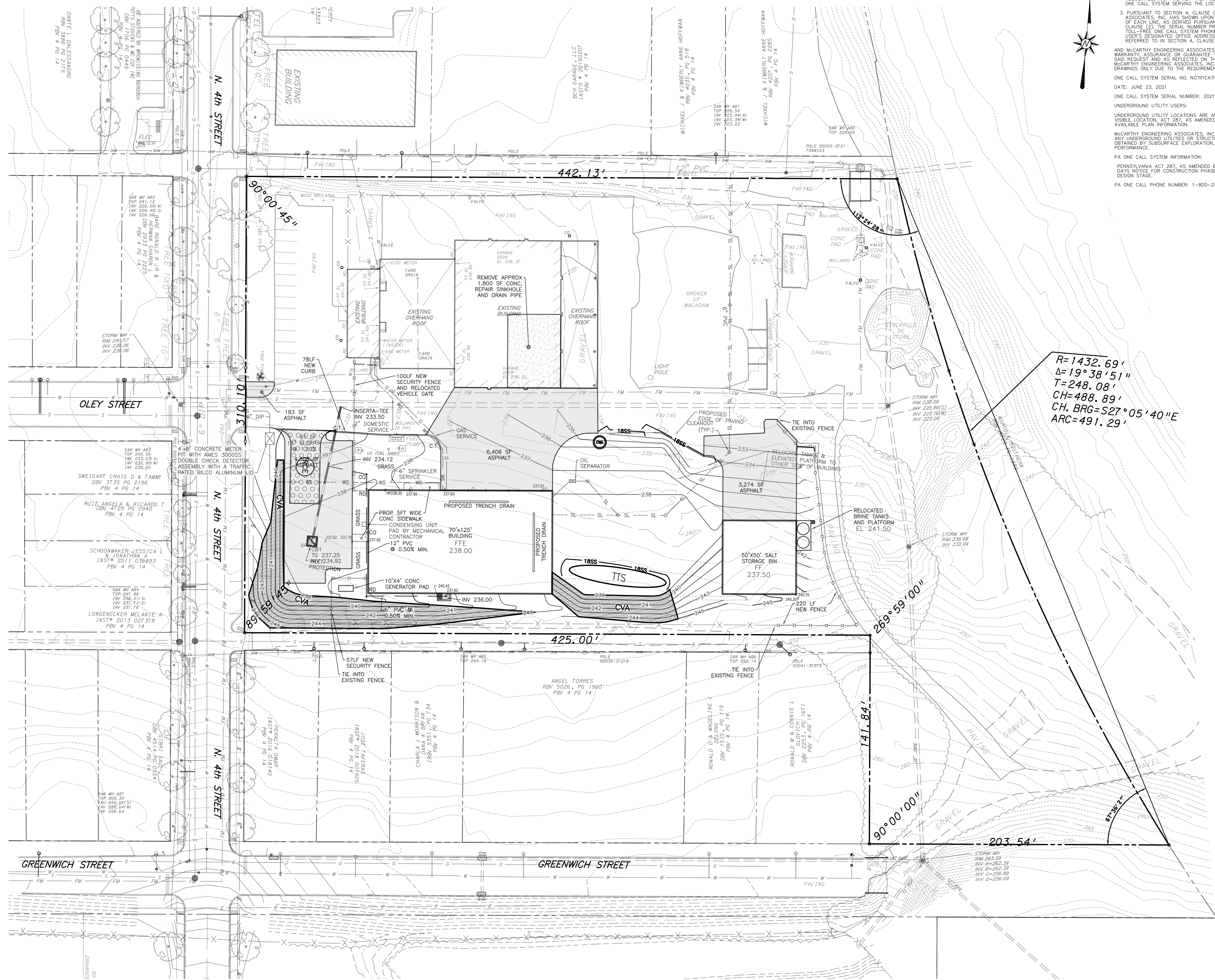
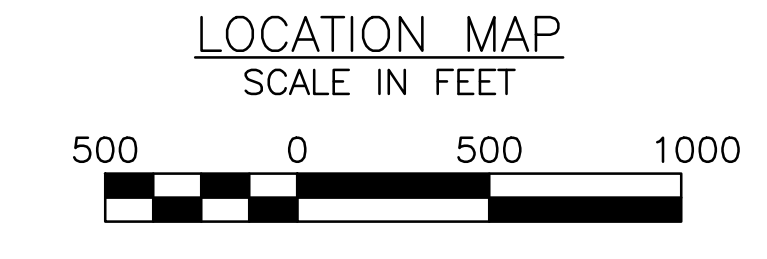
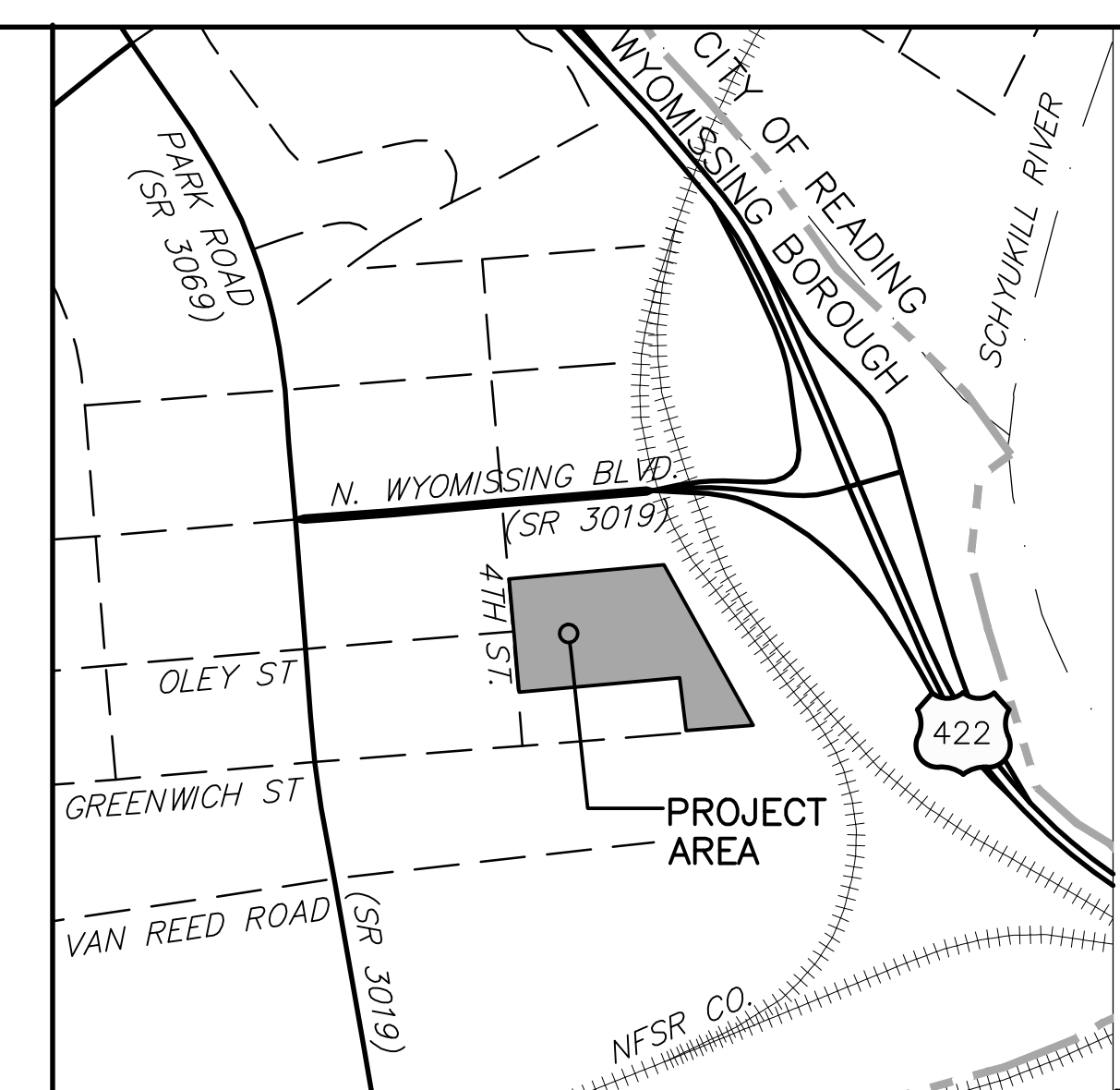
AND MCCARTHY ENGINEERING ASSOCIATES, INC. DOES NOT MAKE ANY REPRESENTATION, WARRANTY, ASSURANCE OR GUARANTEE THAT THE INFORMATION RECEIVED PURSUANT TO SAID REQUEST AND AS REFLECTED ON THESE DRAWINGS IS CORRECT OR ACCURATE, BUT MCCARTHY ENGINEERING ASSOCIATES, INC. IS REFLECTING SAID INFORMATION ON THESE DRAWINGS ONLY DUE TO THE REQUIREMENTS OF THE SAID ACT NO. 121 OF OCTOBER 2008.

ONE CALL SYSTEM SERIAL NO. NOTIFICATION BY MCCARTHY ENGINEERING ASSOCIATES, INC. DATE: JUNE 23, 2021
 ONE CALL SYSTEM SERIAL NUMBER: 20211730550
 UNDERGROUND UTILITY USERS:

UNDERGROUND UTILITY LOCATIONS ARE APPROXIMATE AND WERE DETERMINED FROM MOBILE LOCATION ACT 287, AS AMENDED BY ACT 121, UTILITY RESPONSES AND/OR BEST AVAILABLE PLAN INFORMATION.

MCCARTHY ENGINEERING ASSOCIATES, INC. CANNOT GUARANTEE THE EXACT LOCATION OF ANY UNDERGROUND UTILITIES OR STRUCTURES. AN EXACT LOCATION CAN ONLY BE OBTAINED BY SUBSURFACE EXPLORATION, WHICH IS NOT A PART OF THIS CONTRACT PERFORMANCE.

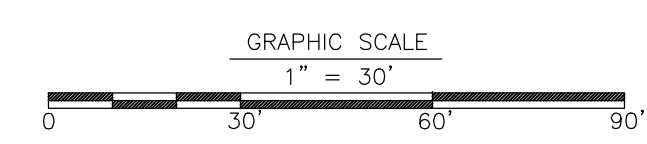
PA ONE CALL SYSTEM INFORMATION:
 PENNSYLVANIA ACT 287, AS AMENDED BY ACT 121, REQUIRES THREE (3) WORKING DAYS NOTICE FOR CONSTRUCTION PHASE AND FIVE (5) WORKING DAYS NOTICE IN DESIGN STAGE.
 PA ONE CALL PHONE NUMBER: 1-800-242-1776



$R=1432.69'$
 $\Delta=19^{\circ}38'51''$
 $T=248.08'$
 $CH=488.89'$
 $CH. BRG=S27^{\circ}05'40''E$
 $ARC=491.29'$

- LEGEND:**
- 12SS 12" COMPOST FILTER SOCK
 - 18SS 18" COMPOST FILTER SOCK
 - 24SS 24" COMPOST FILTER SOCK
 - ORANGE CONSTRUCTION FENCE
 - SOIL LINE
 - LIMIT OF DISTURBANCE
 - NPDES PERMIT BOUNDARY
 - DIVERSION FILTER LOG
 - TEMPORARY GRADING
 - RIP RAP UNLINED SWALE
 - ROCK CONSTRUCTION ENTRANCE
 - TEMPORARY TOPSOIL STOCKPILE
 - ROCK FILTER
 - CONCRETE WASHOUT AREA
 - CURBED ROADWAY STORM INLET PROTECTION AND BERM(S)
 - SILT SACK
 - TEMPORARY CHANNEL LINING
 - CRITICAL VEGETATIVE AREA (C.V.A.)
 - EAST COAST EROSION CONTROL BLANKET
 - EDS-2 MATTING OR EQUAL (TO BE USED ON ALL SLOPES 3:1 AND STEEPER)
 - CLEANOUT STAKE

- SITE LEGEND:**
- EXISTING SANITARY SEWER & MANHOLE
 - PROPOSED SANITARY LATERAL
 - EXISTING STORM SEWER & CATCH BASIN
 - EXISTING WATER LINE & VALVE
 - PROPOSED WATER LINE & VALVE
 - EXISTING FIRE HYDRANT & VALVE
 - PROPOSED WATER SERVICE
 - EXISTING ELECTRIC
 - PROPOSED ELECTRIC
 - EXISTING OVERHEAD WIRE
 - EXISTING SPOT ELEVATION
 - PROPOSED SPOT ELEVATION
 - EXISTING CONTOURS
 - PROPOSED CONTOURS
 - EXISTING GAS LINE & VALVE
 - PROPOSED GAS LINE
 - EXISTING GAS SERVICE
 - EXISTING TELEPHONE
 - PROPOSED TELEPHONE
 - EXISTING LIGHTING FEATURES
 - EXISTING LIGHTING POLE
 - EXISTING CURB AND DEPRESSED CURB
 - PROPOSED CURB & CURB TRANSITION
 - EXISTING SIGNS
 - EXISTING FENCE
 - PROPOSED FENCE
 - EXISTING TREE LINE
 - EXISTING RIP RAP



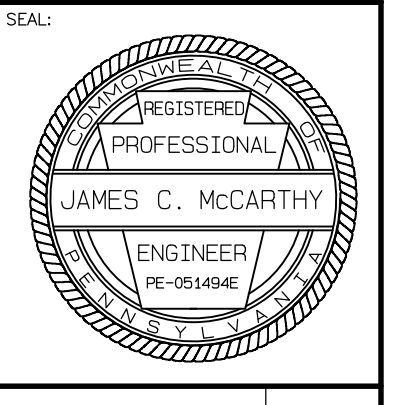
ISSUED FOR BID JULY 19, 2023
 NOT FOR CONSTRUCTION

Revision	Date	Description

2500 East High Street
 Suite 630
 Pottsville, PA 19804

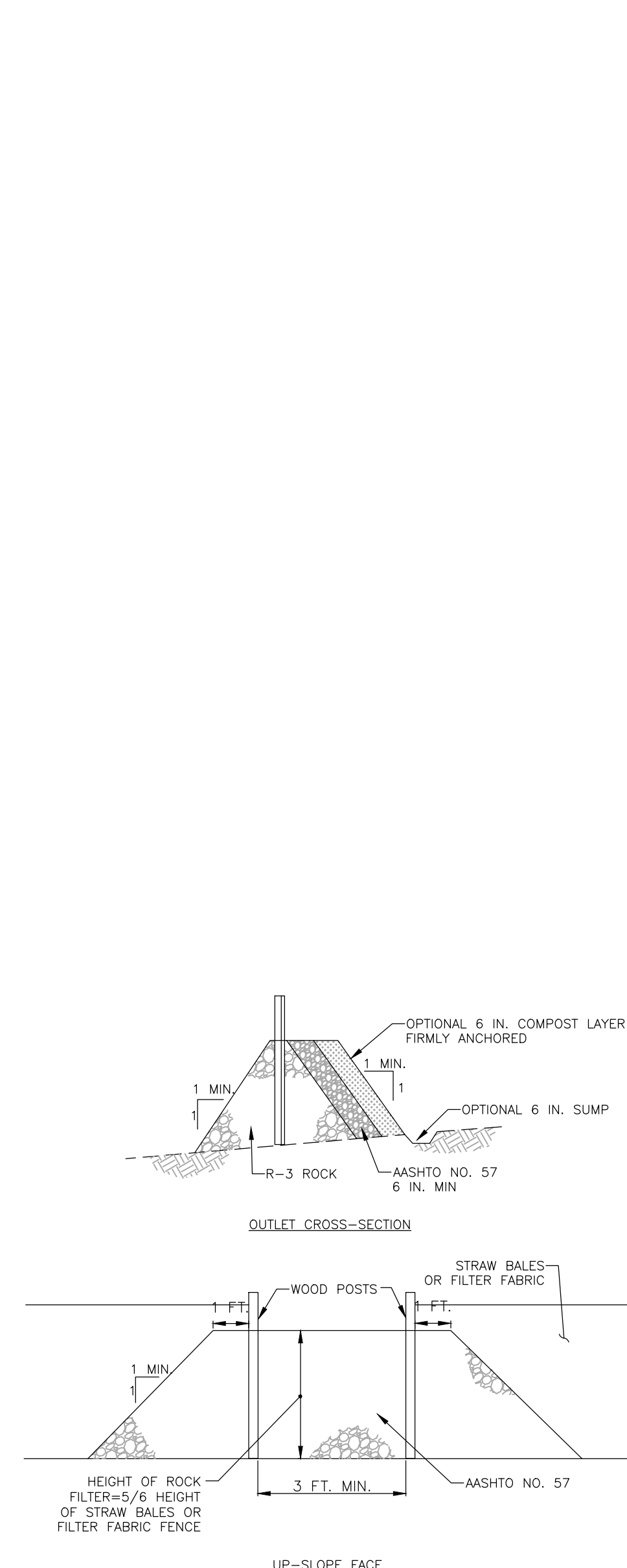


555 Van Reed Road
 Suite 2
 Pottsville, PA 19801



ISSUED FOR BID
 E&S CONTROL PLAN
 "PUBLIC WORKS FACILITY"
 Client: WYOMISSING BOROUGH, BERKS COUNTY, PENNSYLVANIA
 Location: WYOMISSING BOROUGH, JULY 19, 2023

DRAWN BY: AMK
 PRINCIPAL: JCM
 SCALE: 1"=30'
 SHEET NO.: C7.0
 PLAN NO.: 230004-08- ES-07



NOTES:

MAXIMUM DRAINAGE AREA = 1/2 ACRE.

INLET PROTECTION SHALL NOT BE REQUIRED FOR INLET TRIBUTARY TO SEDIMENT BASIN OR TRAP. BERMS SHALL BE REQUIRED FOR ALL INSTALLATIONS.

ROLLED EARTHEN BERM IN ROADWAY SHALL BE MAINTAINED UNTIL ROADWAY IS STONED. ROAD SURFACE BERM ON ROADWAY SHALL BE MAINTAINED UNTIL ROADWAY IS PAVED. EARTHEN BERM IN CHANNEL SHALL BE MAINTAINED UNTIL PERMANENT STABILIZATION IS COMPLETED OR REMAIN PERMANENTLY.

AT A MINIMUM, THE FABRIC SHALL HAVE A MINIMUM GRAB TENSILE STRENGTH OF 120 LBS., A MINIMUM BURST STRENGTH OF 200 PSI, AND A MINIMUM TRAPEZOIDAL TEAR STRENGTH OF 50 LB. FILTER BAGS SHALL BE CAPABLE OF TRAPPING ALL PARTICLES NOT PASSING A NO. 40 SIEVE.

INLET FILTER BAGS SHALL BE INSPECTED ON A WEEKLY BASIS AND AFTER EACH RUNOFF EVENT. BAGS SHALL BE EMPLOYED AND RINSED OR REPLACED WHEN HALF FULL OR WHEN FLOW CAPACITY HAS BEEN REDUCED 50% AS TO CAUSE FLOODING OR BYPASSING OF THE INLET. DAMAGED OR CLOGGED BAGS SHALL BE REPLACED. A SUPPLY SHALL BE MAINTAINED ON SITE FOR REPLACEMENT OF BAGS. ALL NEEDED REPAIRS SHALL BE INITIATED IMMEDIATELY AFTER THE INSPECTION. DISPOSE ACCUMULATED SEDIMENT AS WELL AS ALL USED BAGS ACCORDING TO THE PLAN NOTES.

DO NOT USE ON MAJOR PAVED ROADWAYS WHERE PONDING MAY CAUSE TRAFFIC HAZARDS.

FILTER BAG INLET PROTECTION – TYPE M INLET

NOTES:

A ROCK FILTER OUTLET SHALL BE INSTALLED WHERE FAILURE OF A 3 FT FENCE OR STRAW BALE BARRIER HAS OCCURRED DUE TO CONCENTRATED FLOW ANCHORED COMPOST LAYER SHALL BE USED ON UPSLOPE FACE IN HO AND EV WATERSHEDS.

SEDIMENT SHALL BE REMOVED WHEN ACCUMULATIONS REACH 1/3 THE HEIGHT OF THE OUTLET.

ROCK FILTER OUTLET

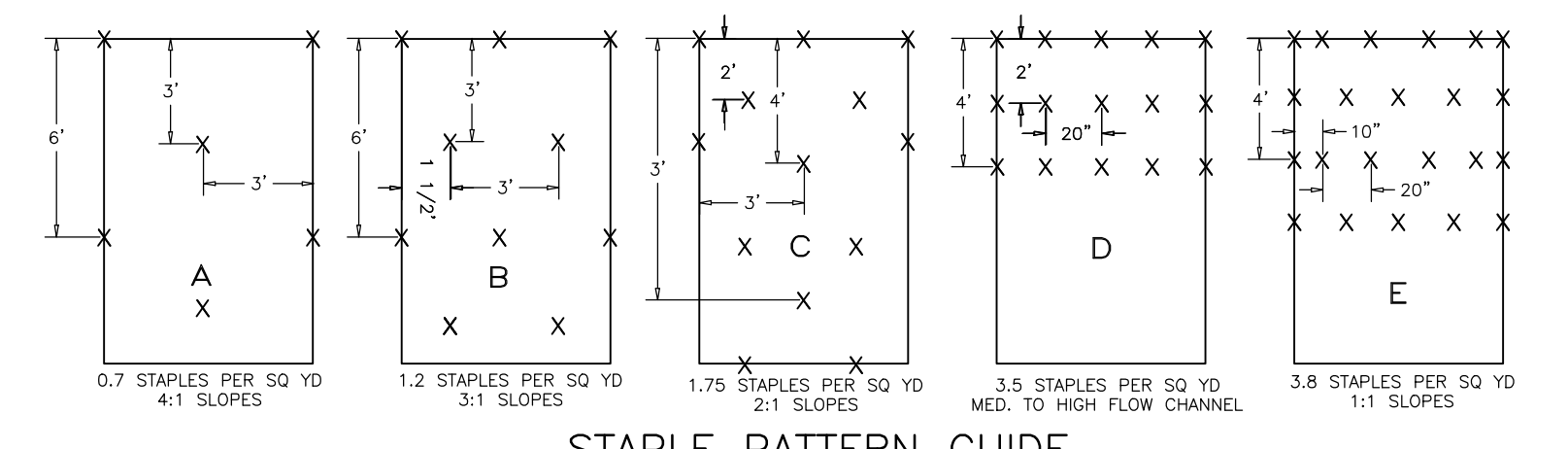
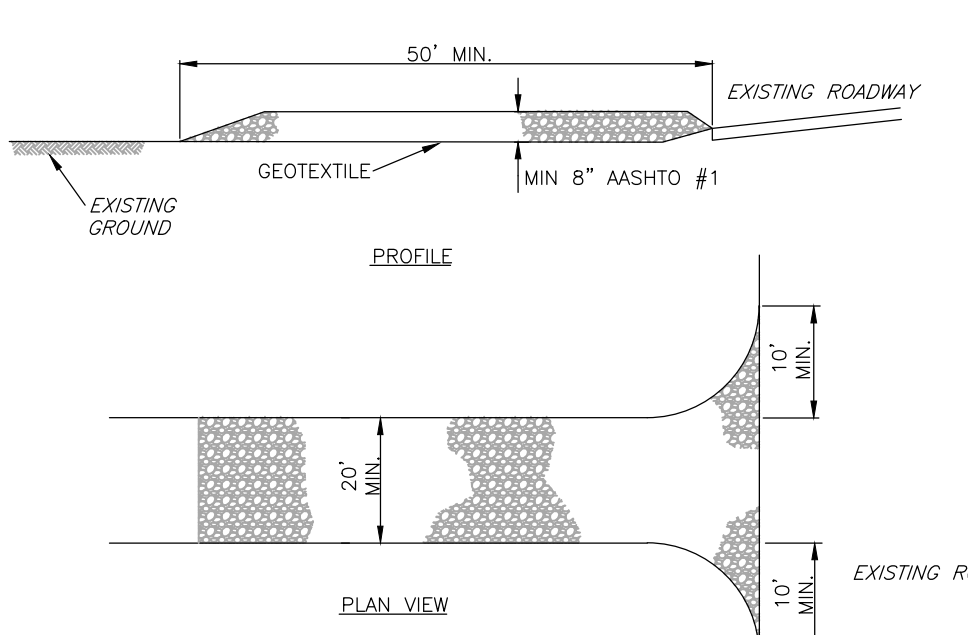
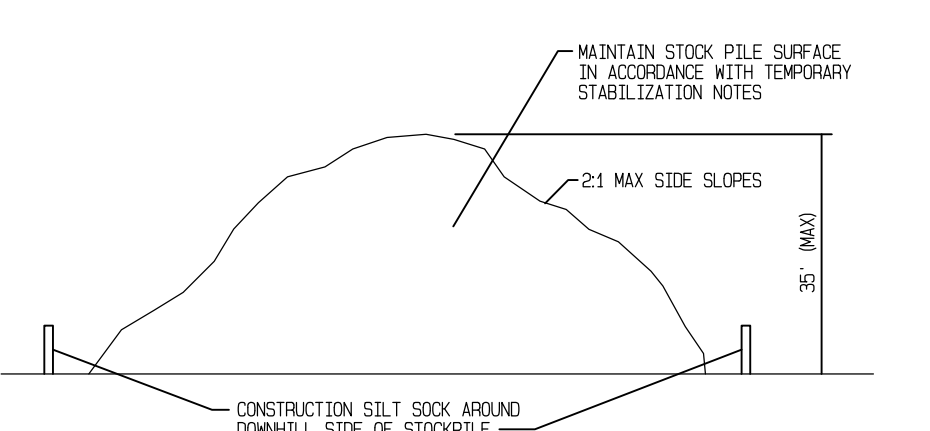


TABLE 4.1
Compost Sock Fabric Minimum Specifications

Material Type	3 mil HDPE	5 mil HDPE	6 mil HDPE	Multi-Fluorene Polyethylene	Heavy Duty Multi-Fluorene Polyethylene
Material Characteristics	Phobic	Phobic	Phobic	Phobic	Phobic
Sock Diameter	12"	12"	12"	12"	12"
Mesh Opening	3/8"	3/8"	3/8"	3/8"	3/8"
Mesh Opening Strength	380 psi	280 psi	440 psi	330 psi	330 psi
Ultraviolet Stability	23% at 1000 hr	23% at 1000 hr	100% at 1000 hr	100% at 1000 hr	100% at 1000 hr
Retention Longevity	6 months	6 months	1 year	2 years	2 years

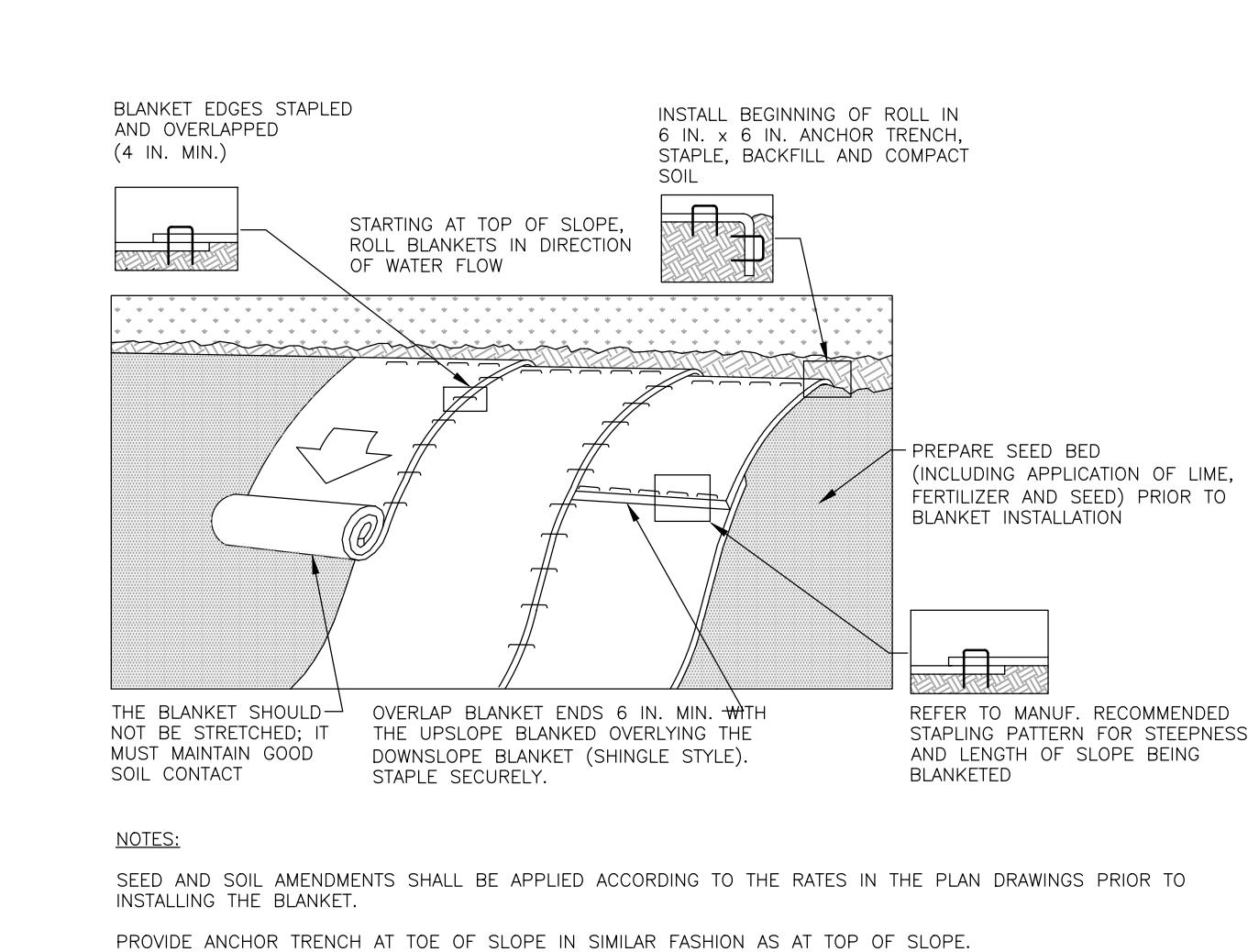
Inner Containment Netting: 3/4" x 3/4" Max. aperture size. Outer Filtration Mesh: 3/16" Max. aperture size.

Sock fabric composed of tubing may be used on projects with a 2:1 slope at base.



TEMPORARY STOCKPILE DETAIL

ROCK CONSTRUCTION ENTRANCE



NOTES:

SEED AND SOIL AMENDMENTS SHALL BE APPLIED ACCORDING TO THE RATES IN THE PLAN DRAWINGS PRIOR TO INSTALLING THE BLANKET.

PROVIDE ANCHOR TRENCH AT TOE OF SLOPE IN SIMILAR FASHION AS AT TOP OF SLOPE.

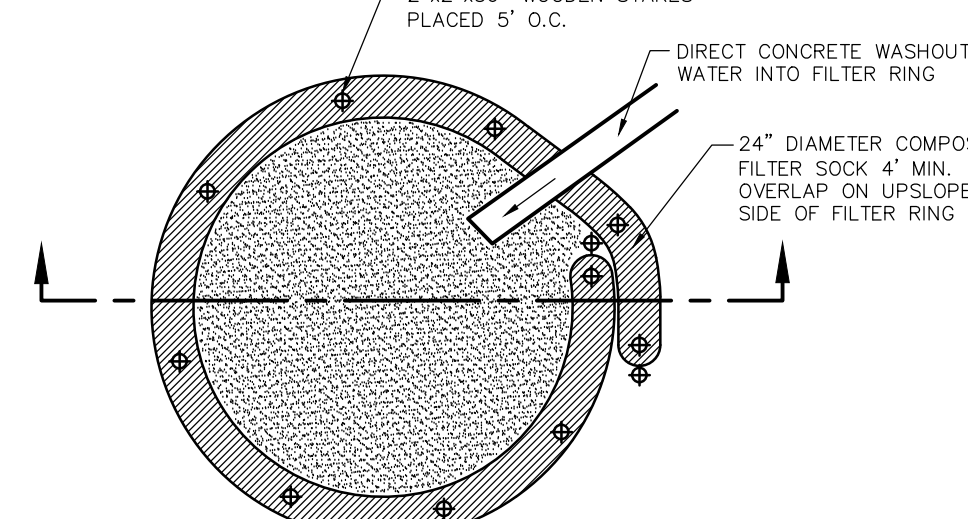
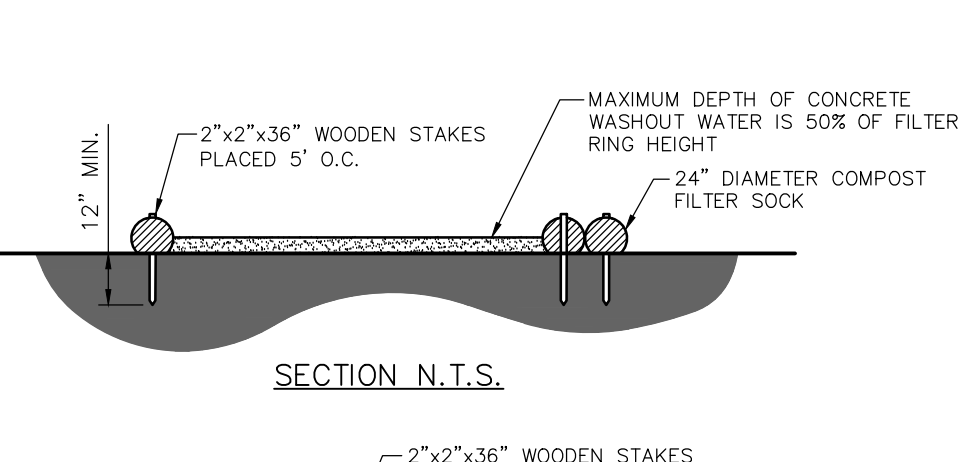
SLOPE SURFACE SHALL BE FREE OF ROCKS, CLODS, STICKS, AND GRASS.

BLANKET SHALL HAVE GOOD CONTINUOUS CONTACT WITH UNDERLYING SOIL THROUGHOUT ENTIRE LENGTH. LAID BLANKET LOOSELY AND STAKE OR STAPLE TO MAINTAIN DIRECT CONTACT WITH SOIL. DO NOT STRETCH BLANKET.

THE BLANKET SHALL BE STAPLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.

BLANKETED AREAS SHALL BE INSPECTED WEEKLY AND AFTER EACH RUNOFF EVENT UNTIL PERENNIAL VEGETATION IS ESTABLISHED TO A MINIMUM UNIFORM 70% COVERAGE THROUGHOUT THE BLANKETED AREA. DAMAGED OR DISPLACED BLANKETS SHALL BE RESTORED OR REPLACED WITHIN 4 CALENDAR DAYS.

EROSION CONTROL BLANKET INSTALLATION



NOTES:

1. INSTALL ON FLAT GRADE FOR OPTIMUM PERFORMANCE.

2. 18" DIAMETER FILTER SOCK MAY BE STACKED ONTO DOUBLE 24" DIAMETER SOCKS IN PYRAMIDAL CONFIGURATION FOR ADDED HEIGHT.

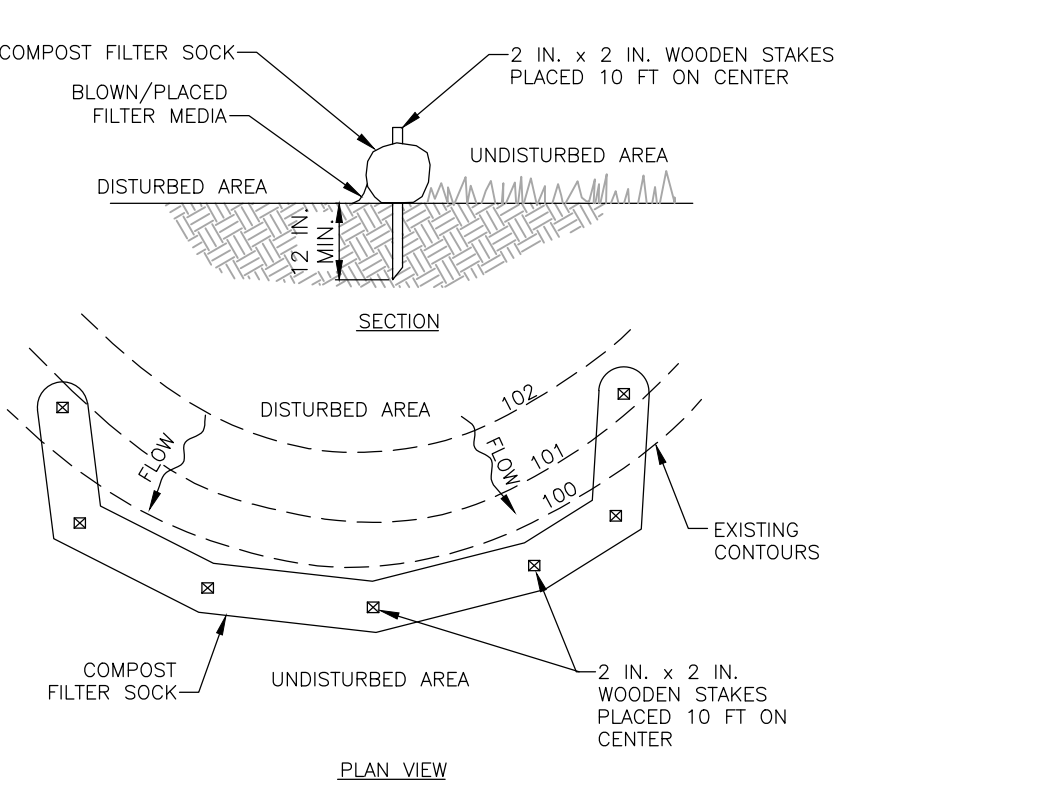
3. A SUITABLE IMPERVIOUS GEOMEMBRANE SHALL BE PLACED AT THE LOCATION OF THE WASHOUT PRIOR TO INSTALLING THE SOCKS.

COMPOST SOCK WASHOUT INSTALLATION

TABLE 4.2
Compost Standards

Organic Matter Content	85% (100% low weight basis)
Moisture Content	45-55%
pH	5.5-7.0
Salinity	2.0-3.0
Cation Exchange Capacity	5.0-10.0 meq/100 g soil
Stable Soil Concentration	0.5-3.0% (wet weight basis)

Notes: Values are typical.



NOTES:

SOCK FABRIC SHALL MEET STANDARDS OF TABLE 4.1 OF THE PA DEP EROSION CONTROL MANUAL. COMPOST SHALL MEET THE STANDARDS OF TABLE 4.2 OF THE PA DEP EROSION CONTROL MANUAL.

COMPOST FILTER SOCK SHALL BE PLACED AT EXISTING LEVEL GRADE. BOTH ENDS OF THE BARRIER SHALL BE EXTENDED AT LEAST 6 FEET UP SLOPE AT 45 DEGREES TO THE MAIN BARRIER ALIGNMENT. MAXIMUM SLOPE LENGTH ABOVE ANY BARRIER SHALL NOT EXCEED THAT SPECIFIED FOR THE SIZE OF THE SOCK AND THE SLOPE OF ITS TRIBUTARY AREA.

TRAFFIC SHALL NOT BE PERMITTED TO CROSS COMPOST FILTER SOCKS.

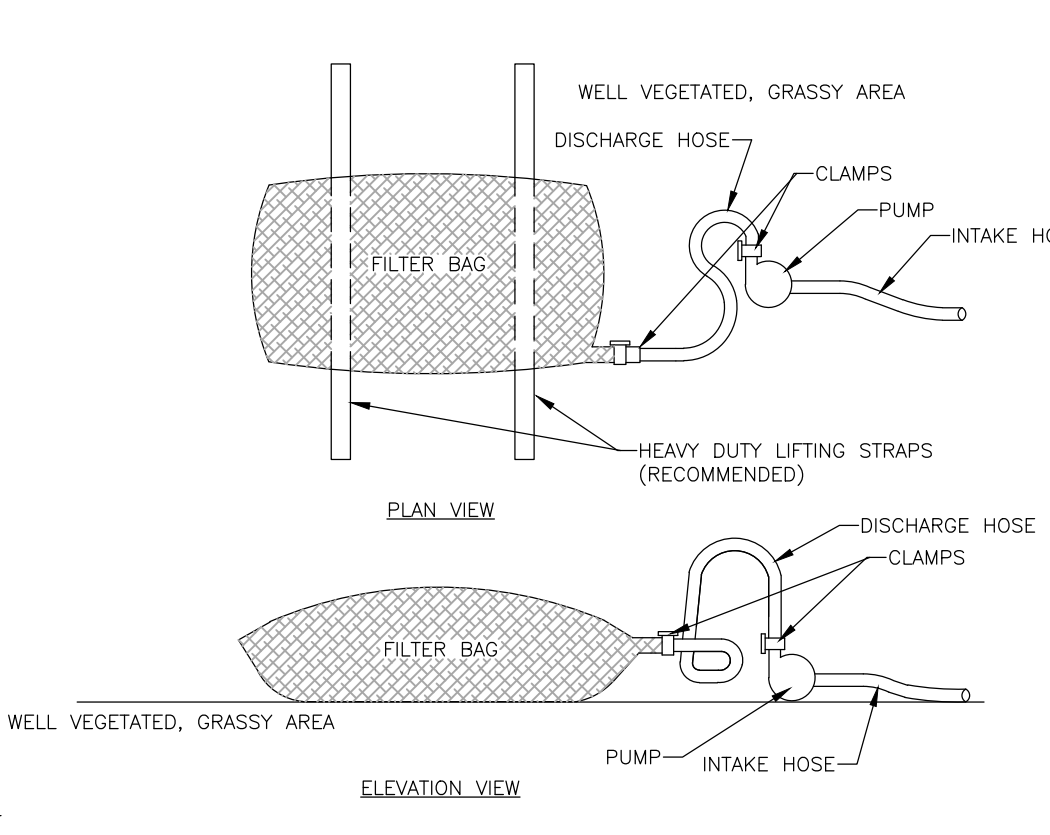
ACCUMULATED SEDIMENT SHALL BE REMOVED WHEN IT REACHES 1/2 THE ABOVE GROUND HEIGHT OF THE BARRIER AND DISPOSED IN THE MANNER DESCRIBED ELSEWHERE IN THE PLAN.

COMPOST FILTER SOCKS SHALL BE INSPECTED WEEKLY AND AFTER EACH RUNOFF EVENT. DAMAGED SOCKS SHALL BE REPAIRED ACCORDING TO MANUFACTURER'S SPECIFICATIONS OR REPLACED WITHIN 24 HOURS OF INSPECTION.

Biodegradable compost filter socks shall be replaced after 6 months; photodegradable socks after 1 year; polypropylene socks shall be replaced according to manufacturer's recommendations.

UPON STABILIZATION OF THE AREA TRIBUTARY TO THE SOCK, STAKES SHALL BE REMOVED. THE SOCK MAY BE LEFT IN PLACE AND WEATHERED OR REMOVED. IN THE LATTER CASE, THE MESH SHALL BE CUT OPEN AND THE MESH SPREAD AS A SOIL SUPPLEMENT.

COMPOST FILTER SOCK



NOTES:

LOW VOLUME FILTER BAGS SHALL BE MADE FROM NON-WOVEN GEOTEXTILE MATERIAL SEWN WITH HIGH STRENGTH, DOUBLE STITCHED "J" TYPE SEAMS. THEY SHALL BE CAPABLE OF TRAPPING PARTICLES LARGER THAN 150 MICRONS. HIGH VOLUME FILTER BAGS SHALL BE MADE FROM WOVEN GEOTEXTILES THAT MEET THE FOLLOWING STANDARDS:

PROPERTY	TEST METHOD	MINIMUM STANDARD
AVG. WIDE WIDTH STRENGTH	ASTM D-4884	60 LB/IN
GRAB TENSILE	ASTM D-4632	205 LB
PUNCTURE	ASTM D-4813	110 LB
MULLEN BURST	ASTM D-3786	350 PSI
UV RESISTANCE	ASTM D-4355	70%
LOSS % RETAINED	ASTM D-4751	80% SOCLE

A SUITABLE MEANS OF ACCESSING THE BAG WITH MACHINERY REQUIRED FOR DISPOSAL PURPOSES SHALL BE PROVIDED. FILTER BAGS SHALL BE REPLACED WHEN THEY BECOME 1/2 FULL OF SEDIMENT. SPARE BAGS SHALL BE KEPT AVAILABLE FOR REPLACEMENT OF THOSE THAT HAVE FAILED OR ARE FILLED. BAGS SHALL BE PLACED ON STRAPS TO FACILITATE REMOVAL UNLESS BAGS COME WITH LIFTING STRAPS ALREADY ATTACHED.

BAGS SHALL BE LOCATED IN WELL-VEGETATED (GRASSY) AREA, AND DISCHARGE ONTO STABLE, EROSION RESISTANT AREA. WHERE THIS IS NOT POSSIBLE, A GEOTEXTILE UNDERLAYMENT AND FLOW PATH SHALL BE PROVIDED. BAGS MAY BE PLACED ON FILTER STONE TO INCREASE DISCHARGE CAPACITY. BAGS SHALL NOT BE PLACED ON SLOPES GREATER THAN 5% FOR SLOPES EXCEEDING 5%, CLEAN ROCK OR OTHER NON-ERODIBLE AND NON-POLLUTING MATERIAL MAY BE PLACED UNDER THE BAG TO REDUCE SLOPE STEEPNESS.

NO DOWNSLOPE SEDIMENT BARRIER IS REQUIRED FOR MOST INSTALLATIONS. COMPOST BERM OR COMPOST FILTER SOCK SHALL BE INSTALLED BELOW BAGS LOCATED IN HO OR EV WATERSHEDS, WITHIN 50 FEET OF ANY RECEIVING SURFACE WATER OR WHERE GRASSY AREA IS NOT AVAILABLE.

THE PUMP DISCHARGE HOSE SHALL BE INSERTED INTO THE BAGS IN THE MANNER SPECIFIED BY THE MANUFACTURER AND SECURELY CLAMPED. A PIECE OF PVC PIPE IS RECOMMENDED FOR THIS PURPOSE.

THE PUMPING RATE SHALL BE NO GREATER THAN 750 GPM OR 1/2 THE MAXIMUM SPECIFIED BY THE MANUFACTURER, WHICHEVER IS LESS. PUMP INTAKES SHALL BE FLOATING AND SCREENED.

FILTER BAGS SHALL BE INSPECTED DAILY. IF ANY PROBLEMS ARE DETECTED, PUMPING SHALL CEASE IMMEDIATELY AND NOT RESUME UNTIL THE PROBLEM IS CORRECTED.

PUMPED WATER FILTER BAG

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Phone: 610.373.8001

550 Van Reed Road
Pittsburg, PA 15640

MCCARTHY
ENGINEERING ASSOCIATES, INC.
REGISTERED PROFESSIONAL ENGINEER
No. 46546E

ISSUED FOR BID CONTROL DETAILS
"PUBLIC WORKS FACILITY"
Client: WYOMISSING BOROUGH, BERKS COUNTY, PENNSYLVANIA
Location: WYOMISSING BOROUGH, PENNSYLVANIA
Date: JULY 19, 2023

Revision	Date	Description

DRAWN BY: AMK PROJ. MANAGER: JCM
PRINCIPAL: JCM SCALE: NOT TO SCALE
SHEET NO. **C7.1**
230004-08- ESD-08

ISSUED FOR BID JULY 19, 2023
NOT FOR CONSTRUCTION

Plot Date: 7/19/2023 3:26 PM P:\04 Wyomissing\2023\08-Public Works\Drawings\Design\0001\Plot_P-ESD.dwg



PENNSYLVANIA ACT 287, AS AMENDED BY ACT 121 REQUIRES NOTIFICATION OF EXCAVATORS, DESIGNERS, OR ANY PERSON PREPARING TO DISTURB THE EARTH'S SURFACE ANYWHERE IN THE COMMONWEALTH.

ACT 287 UNDERGROUND UTILITY PROTECTION ACT, AS AMENDED BY ACT 121.

MCCARTHY ENGINEERING ASSOCIATES, INC. HEREBY STATES THAT, PURSUANT TO THE PROVISIONS OF ACT NO. 121 OF OCTOBER 2008, OF THE PENNSYLVANIA LEGISLATURE, IT HAS PERFORMED THE FOLLOWING IN PREPARING THESE DRAWINGS REQUIRING EXCAVATION OR DEMOLITION WORK AT SITES WITHIN THE POLITICAL SUBDIVISION(S) SHOWN ON THE DRAWINGS:

- PURSUANT TO SECTION 4, CLAUSE (2) OF SAID ACT, MCCARTHY ENGINEERING ASSOCIATES, INC. REQUESTED FROM EACH USER'S OFFICE DESIGNATED ON SUCH LIST PROVIDED BY THE ONE CALL SYSTEM NOTIFICATION, THE INFORMATION PRESCRIBED BY SECTION 4, CLAUSE (2) OF SAID ACT, NOT LESS THAN 10) NOR MORE THAN (50) WORKING DAYS BEFORE FINAL DESIGN TO BE COMPLETED.
- PURSUANT TO SECTION 4, CLAUSE (3) OF SAID ACT, MCCARTHY ENGINEERING ASSOCIATES, INC. HAS MET THEIR OBLIGATIONS OF CLAUSE (3) BY CALLING THE ONE CALL SYSTEM SERVING THE LOCATION WHERE EXCAVATION IS TO BE PERFORMED.
- PURSUANT TO SECTION 4, CLAUSE (3) OF SAID ACT, MCCARTHY ENGINEERING ASSOCIATES, INC. HAS SHOWN UPON THESE DRAWINGS, THE POSITION AND TYPE OF EACH LINE, AS DERIVED PURSUANT TO THE REQUEST MADE AS REQUIRED BY CLAUSE (3), THE SERIAL NUMBER PROVIDED BY THE ONE CALL SYSTEM, THE TOLL-FREE ONE CALL SYSTEM PHONE NUMBER, AND THE NAME OF THE USER, THE USER'S DESIGNATED OFFICE ADDRESS AND PHONE NUMBER AS SHOWN ON THE LIST REFERRED TO IN SECTION 4, CLAUSE (3) OF SAID ACT.

AND MCCARTHY ENGINEERING ASSOCIATES, INC. DOES NOT MAKE ANY REPRESENTATION, WARRANTY, ASSURANCE OR GUARANTEE, THAT THE INFORMATION RECEIVED PURSUANT TO SAID REQUEST AND AS REFLECTED ON THESE DRAWINGS IS CORRECT OR ACCURATE, BUT MCCARTHY ENGINEERING ASSOCIATES, INC. IS REFLECTING SAID INFORMATION ON THESE DRAWINGS ONLY DUE TO THE REQUIREMENTS OF THE SAID ACT NO. 121 OF OCTOBER 2008.

ONE CALL SYSTEM SERIAL NO. NOTIFICATION BY MCCARTHY ENGINEERING ASSOCIATES, INC. DATE: JUNE 23, 2021

ONE CALL SYSTEM SERIAL NUMBER: 20211730550

UNDERGROUND UTILITY USERS:

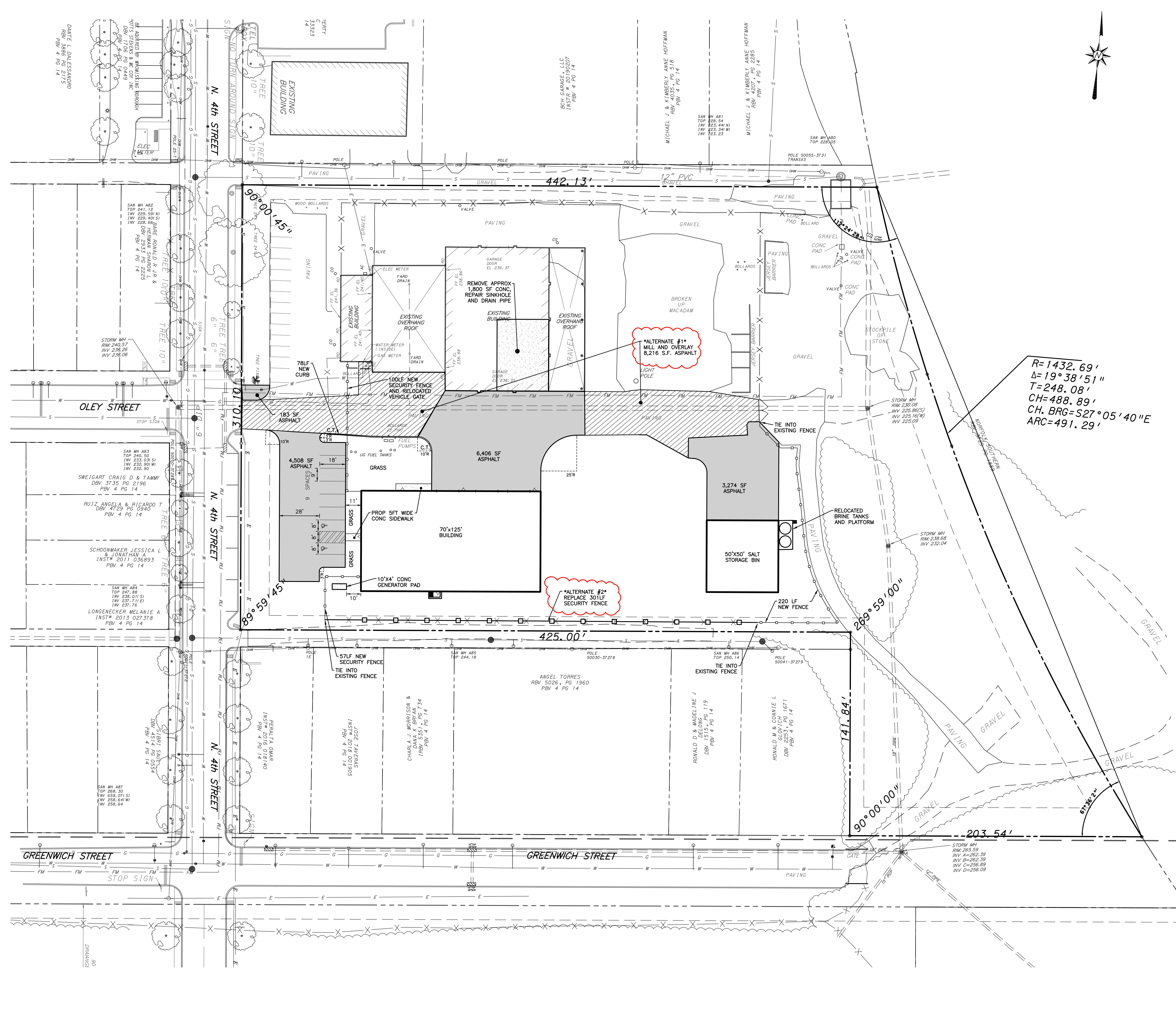
UNDERGROUND UTILITY LOCATIONS ARE APPROXIMATE AND WERE DETERMINED FROM VISIBLE LOCATION. ACT 287, AS AMENDED BY ACT 121, UTILITY RESPONSES AND/OR BEST AVAILABLE PLAN INFORMATION.

MCCARTHY ENGINEERING ASSOCIATES, INC. CANNOT GUARANTEE THE EXACT LOCATION OF ANY UNDERGROUND UTILITIES OR STRUCTURES. AN EXACT LOCATION CAN ONLY BE OBTAINED BY SUBSURFACE EXPLORATION, WHICH IS NOT A PART OF THIS CONTRACT PERFORMANCE.

PA ONE CALL SYSTEM INFORMATION:

PENNSYLVANIA ACT 287, AS AMENDED BY ACT 121, REQUIRES THREE (3) WORKING DAYS NOTICE OR CONSTRUCTION PHASE AND FIVE (5) WORKING DAYS NOTICE IN DESIGN STAGE.

PA ONE CALL PHONE NUMBER: 1-800-242-1776



$$\begin{aligned}
 R &= 1432.69' \\
 \Delta &= 19^\circ 38' 51'' \\
 T &= 248.08' \\
 CH &= 488.89' \\
 CH. BRG &= S27^\circ 05' 40'' E \\
 ARC &= 491.29'
 \end{aligned}$$

- LEGEND:**
- S — EXISTING SANITARY SEWER & MANHOLE
 - SS — EXISTING STORM SEWER & CATCH BASIN
 - W — EXISTING WATER LINE & VALVE
 - F — EXISTING FIRE HYDRANT
 - G — EXISTING GAS LINE & VALVE
 - T — EXISTING TELEPHONE
 - E — EXISTING ELECTRIC
 - OW — EXISTING OVERHEAD WIRE
 - UL — EXISTING LIGHTING FEATURES
 - UP — EXISTING UTILITY POLE
 - CC — EXISTING CURB AND DEPRESSED CURB
 - SG — EXISTING SIGNS
 - FX — EXISTING FENCE
 - TL — EXISTING TREE LINE
 - PF — PROPOSED FENCE
 - PA — PROPOSED PAVED AREA
 - PCA — PROPOSED CONCRETE AREA
 - PA1 — PROPOSED PAVED AREA (ALTERNATE #1)
 - PA2 — PROPOSED PAVED AREA (ALTERNATE #2)
- GRAPHIC SCALE
1" = 30'

ISSUED FOR BID JULY 19, 2023
NOT FOR CONSTRUCTION

Revision	Date	Description

2500 East High Street
Suite 2
Pittsboro, PA 19646

MCCARTHY ENGINEERING ASSOCIATES, INC.
www.McCarthy-Engineering.com
Phone: 610.373.8001

555 Van Reed Road
Pittsboro, PA 19610

REGISTERED PROFESSIONAL ENGINEER
JAMES C. MCCARTHY
PE-054946

**ISSUED FOR BID
ALTERNATE BIDS
"PUBLIC WORKS FACILITY"**

Client: WYOMISSING BOROUGH, BERKS COUNTY, PENNSYLVANIA
Location: WYOMISSING BOROUGH, BERKS COUNTY, PENNSYLVANIA
Date: JULY 19, 2023

DRAWN BY: AMK
PRINCIPAL: JCM
SCALE: 1"=30'
SHEET NO. C8.0
PLAN NO. 230004-08-ALT-10

GENERAL NOTES
1. THE CONTRACTORS ARE SOLELY RESPONSIBLE FOR JOB SAFETY, CONSTRUCTION PROCEDURES, COORDINATION OF THEIR WORK WITH OTHER TRADES AND ON-SITE SECURITY.

STRUCTURAL STEEL NOTES
1. DESIGN, FABRICATION, AND ERECTION OF STRUCTURAL STEEL SHALL CONFORM TO THE "SPECIFICATION FOR THE DESIGN, FABRICATION, AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS," LATEST EDITION, AS ADOPTED BY THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION.

CONCRETE NOTES
1. ALL CONCRETE WORK SHALL CONFORM TO THE REQUIREMENTS OF ACI 301 (LATEST EDITION), "SPECIFICATIONS FOR STRUCTURAL CONCRETE IN BUILDINGS" AND ACI 318 (LATEST EDITION), "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE."

METAL PLATE CONNECTED WOOD TRUSSES
1. TRUSS PROFILES ARE ONLY ASSIST IN DESIGN INTENT. WOOD TRUSS SHOP DRAWINGS MUST BE SUBMITTED W/ ENGINEER'S SEAL W/ ALL DESIGN CRITERIA INCLUDING SNOW DRIFT & UNBALANCED LOADING AS PER CODE.

TIMBER AND SHEATHING:
1. ALL 2x6 FRAMING WOOD TO BE HEM-FIR NO. 2 OR BETTER
2. ALL ROOF AND FLOOR FRAMING JOISTS TO BE 2x12 MSR 2400 Fd 2.0E 5YP

FOUNDATION NOTES
1. THE FOUNDATIONS ARE DESIGNED TO BEAR ON UNDISTURBED SOIL OR PROPERLY COMPACTED SUITABLE FILL WITH AN ASSUMED MINIMUM ALLOWABLE BEARING CAPACITY OF 3,000PSF.

STEEL DECK NOTES
1. STEEL ROOF DECK SHALL BE FABRICATED AND ERECTED IN ACCORDANCE "SDI SPECIFICATIONS AND COMMENTARY FOR STEEL ROOF DECK" FROM ASTM A653 SHEET STEEL DECK DEPTH, PROFILE AND THICKNESS ARE AS INDICATED ON THE DRAWINGS.

STEEL JOISTS
1. ALL MATERIALS AND WORKMANSHIP SHALL COMPLY WITH THE REQUIREMENTS OF THE "STANDARD SPECIFICATION FOR OPEN WEB STEEL JOISTS, K-SERIES," STEEL JOIST INSTITUTE, (REV. TO MAY 2, 1994).

PRE-ENGINEERED ROOF TRUSSES
1. TRUSS PROFILES ARE ONLY ASSIST IN DESIGN INTENT. WOOD TRUSS SHOP DRAWINGS MUST BE SUBMITTED W/ ENGINEER'S SEAL W/ ALL DESIGN CRITERIA INCLUDING SNOW DRIFT & UNBALANCED LOADING AS PER CODE.

DEMOLITION NOTES:
1. THE CONTRACTOR SHALL VERIFY WITH OWNER FOR LOCATION AND SHUT OFF PROCEDURE FOR ALL UTILITIES LOCATED WITHIN THE WORK.

LOADS AND CODES
1. THE WORK SHOWN ON THESE DRAWINGS HAS BEEN DESIGNED IN ACCORDANCE WITH THE STRUCTURAL REQUIREMENTS OF THE PENNSYLVANIA UNIFORM CONSTRUCTION CODE (PA UCC), BASED UPON THE 2018 INTERNATIONAL BUILDING CODE (IBC) AND THE AMERICAN SOCIETY OF CIVIL ENGINEERS (ASCE) "MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES" ASCE 7-16.

CONCRETE MASONRY NOTES
1. ALL CONCRETE MASONRY WORK SHALL CONFORM TO THE REQUIREMENTS OF ACI 530/ASCE 5 (LATEST EDITION), "BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES."

GENERAL STRUCTURAL NOTES
1. THE CONTRACTOR SHALL VERIFY WITH OWNER FOR LOCATION AND SHUT OFF PROCEDURE FOR ALL UTILITIES LOCATED WITHIN THE WORK.

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GENERAL STRUCTURAL NOTES
1. THE CONTRACTOR SHALL VERIFY WITH OWNER FOR LOCATION AND SHUT OFF PROCEDURE FOR ALL UTILITIES LOCATED WITHIN THE WORK.

Table with 2 columns: Item, Description. Includes live load (20 PSF), ground floor (250 PSF), snow (30 PSF), wind (115 MPH), seismic (1.0).

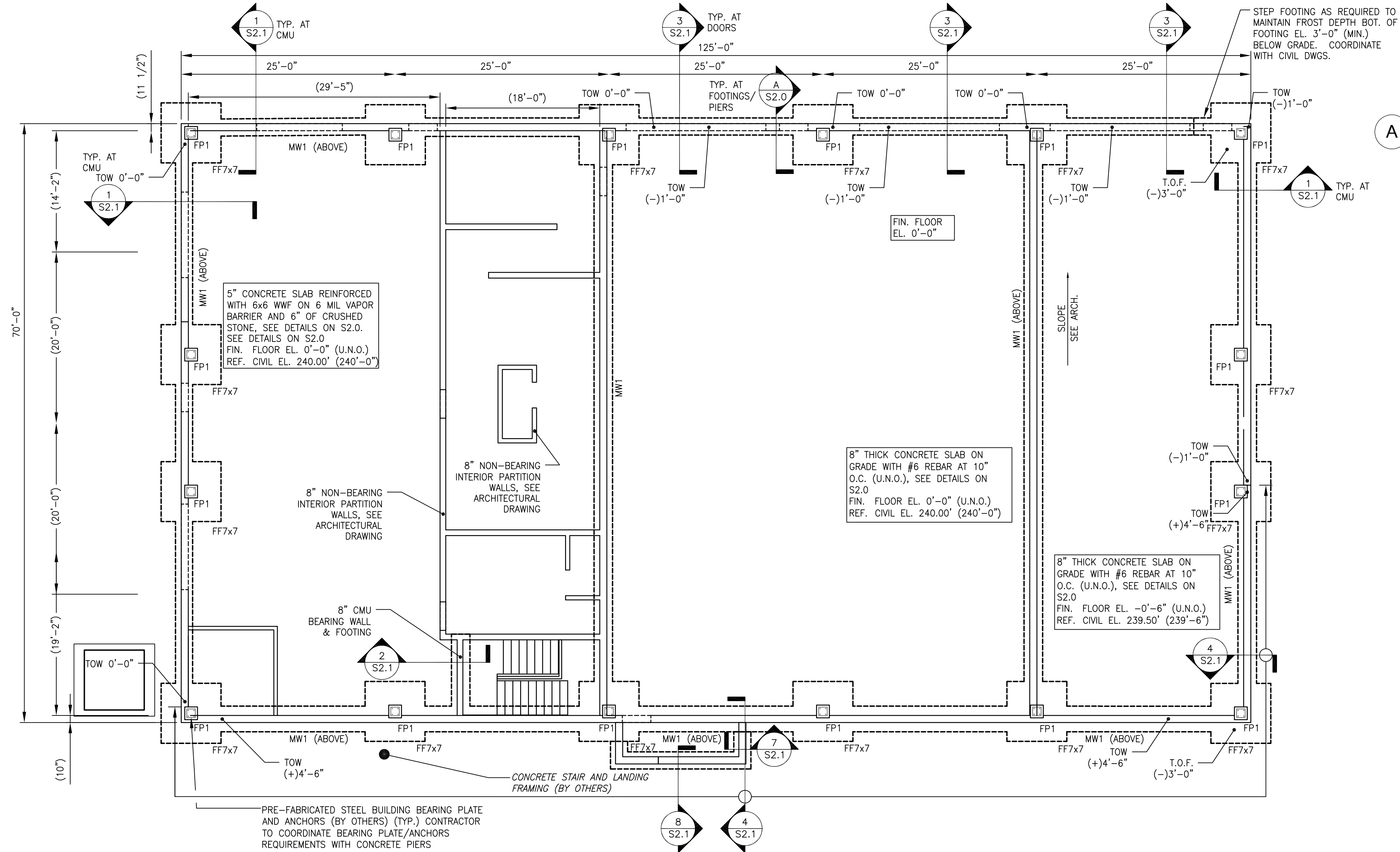
Table with 2 columns: Item, Description. Includes steel joist (K-series), steel deck (SDI), concrete masonry (ACI 530/ASCE 5), and various reinforcement details.

Table with 2 columns: Item, Description. Includes metal plate trusses, timber and sheathing, and demolition notes.

Table with 2 columns: Item, Description. Includes pre-engineered roof trusses, general structural notes, and foundation notes.

Table with 2 columns: Item, Description. Includes loads and codes, concrete masonry notes, and general structural notes.

Professional Engineer Seal for James C. McCarthy, No. 051848, State of Pennsylvania. Includes project information: PUBLIC WORKS FACILITY, PROJECT NO. 210004, ISSUED FOR BID JULY 19, 2023.



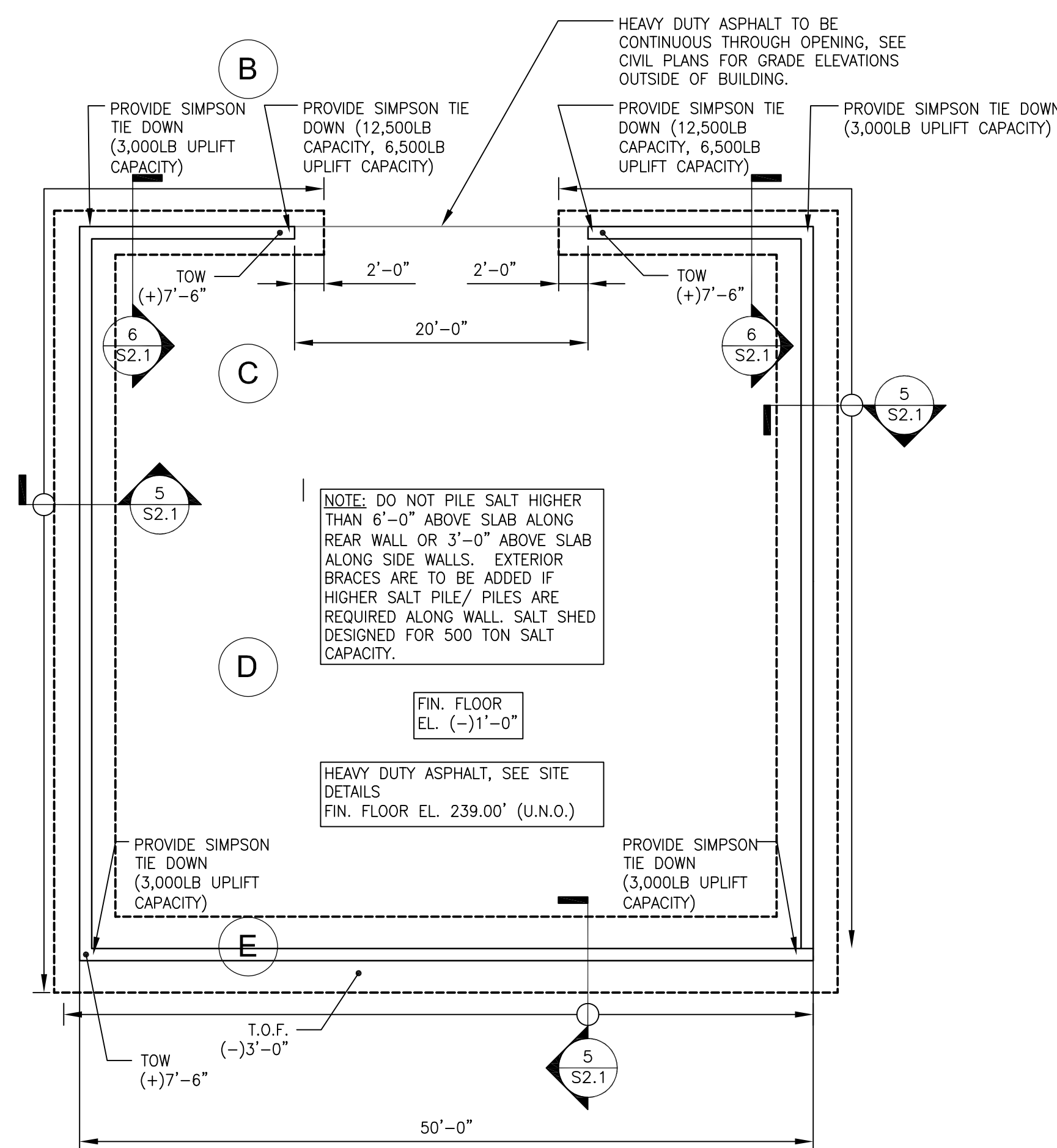
1
S1.0
FIRST FLOOR AND FOUNDATION PLAN
Scale: 1/8"=1'-0"

SHEET NOTES:

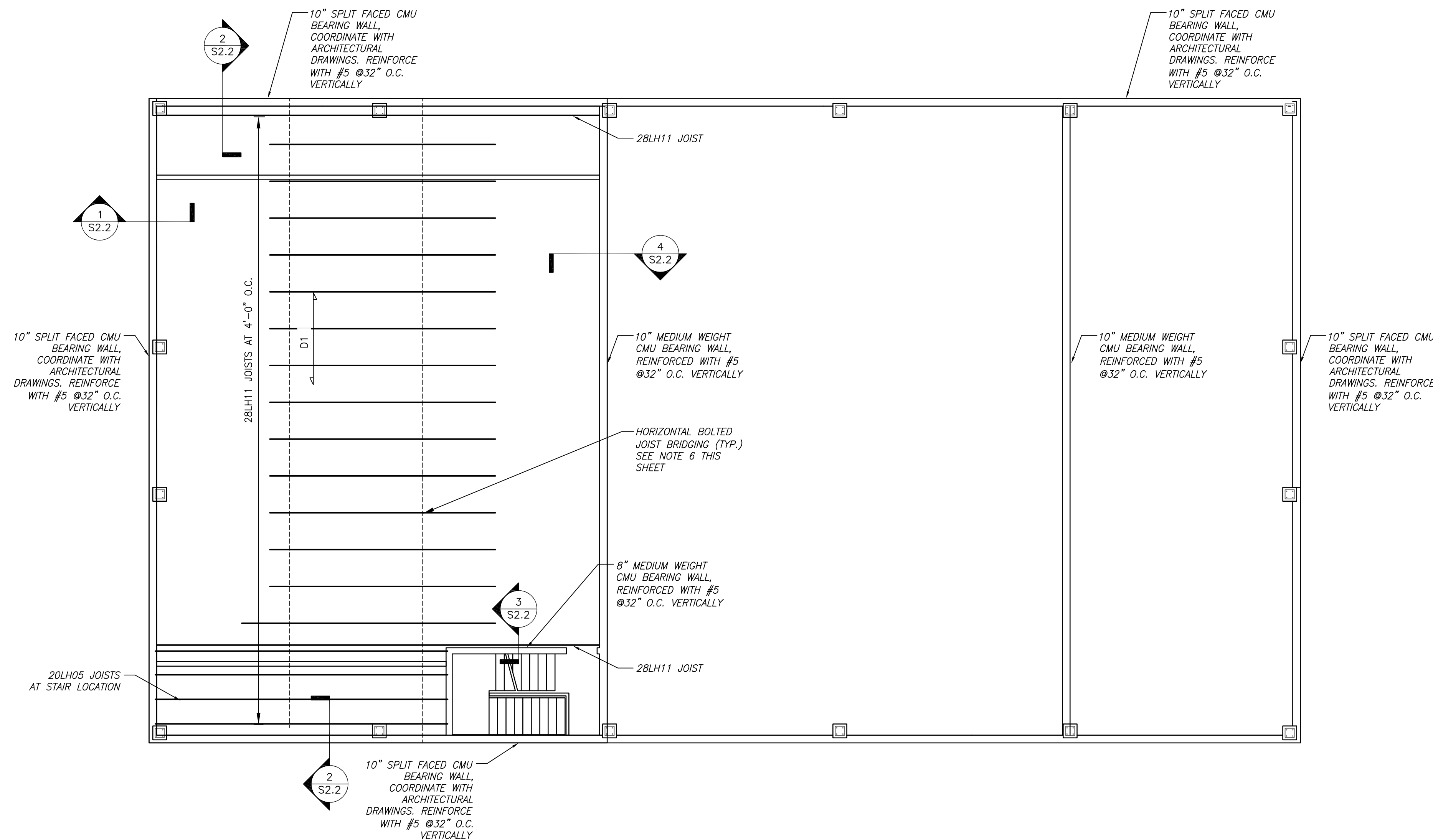
- ALL EXISTING CONDITIONS SHALL BE VERIFIED IN THE FIELD PRIOR TO BEGINNING OF ANY WORK. IF EXISTING FIELD CONDITIONS DO NOT PERMIT THE INSTALLATION OF THE WORK IN ACCORDANCE WITH THE DETAILS AS SHOWN, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT IMMEDIATELY AND PROVIDE A SKETCH OF THE CONDITION WITH THE PROPOSED MODIFICATION FOR REVIEW BY ARCHITECT.
- CONTRACTOR TO CONFIRM ALL DIMENSIONS AND ELEVATIONS WITH ARCHITECTURAL DRAWINGS PRIOR TO START OF WORK.
- SEE SHEET S2.0 FOR GENERAL STRUCTURAL NOTES AND DESIGN LOADS.
- SEE SHEET S2.0 FOR TYPICAL FOUNDATION DETAILS.
- CONTRACTOR SHALL COORDINATE ALL FLOOR AND WALL OPENINGS WITH MECHANICAL DRAWINGS.
- AT ALL LOCATIONS WHERE PIPING RUNS BENEATH OR THROUGH CONCRETE FOUNDATION WALLS SEE TYPICAL DETAILS ON S2.0
- AT ALL LOCATIONS WHERE PIPING RUNS THROUGH CMU AND CONCRETE WALLS, DEEPEN FOOTINGS AS REQUIRED TO ALLOW 12" (MIN.) CLEARANCE BETWEEN PIPE AND FOOTING.
- SEE ARCHITECTURAL DRAWINGS FOR WATERPROOFING AND INSULATION REQUIREMENTS AND LOCATIONS.
- ALL FRAMING MEMBERS SHALL BE PROPERLY BRACED BY THE CONTRACTOR UNTIL THE STRUCTURAL DIAPHRAGM HAS BEEN COMPLETELY CONSTRUCTED.
- MW1 = 10" CMU WALL REINFORCED W/ #5 AT 32" VERTICAL, CENTER IN CMU CELLS AND FILL CELLS SOLID WITH CONCRETE AT #5 (TYPICAL EXTERIOR BEARING WALL). PROVIDE 9 GAGE TRUSS TYPE JOINT REINFORCING AT 16" O.C. VERTICALLY.
- MW2 = 8" CMU WALL REINFORCED W/ #5 AT 32" VERTICAL, CENTER IN CMU CELLS AND FILL CELLS SOLID WITH CONCRETE AT #5 (TYPICAL INTERIOR BEARING WALL). PROVIDE 9 GAGE TRUSS TYPE JOINT REINFORCING AT 16" O.C. VERTICALLY.
- CONTRACTOR SHALL COORDINATE LOCATION OF NEW AND/ OR EXISTING UTILITIES WITH RELATED SUB-CONTRACTORS PRIOR TO PLACING FOOTINGS. STEP OR DROP FOOTING BOTTOM AS REQUIRED, SEE -/_/ S2.0.
- CONTRACTOR SHALL COORDINATE ALL FLOOR, ROOF AND WALL OPENINGS WITH MECHANICAL AND ARCHITECTURAL DRAWINGS.
- TOP OF FIRST FLOOR ELEVATION = (DATUM ELEVATION) = 0'-0" (USGS 240'-0").
- TOP OF FOOTING ELEVATION = -2'-0" UNLESS NOTED THUS (...) RELATIVE TO THE TOP OF SLAB ELEVATION (DATUM ELEVATION)=0'-0". STEP FOOTING AS REQUIRED, SEE DETAIL C/S2.0

LEGEND:

- SLOPE - INDICATES SLOPE SEE ARCH.
- (E) - INDICATES EXISTING
- FFxxX - INDICATES FOOTING TYPE. SEE SCHEDULE ON THIS SHEET
- TOP X'-XX" - (EXAMPLE) INDICATES TOP OF FOOTING ELEVATION. TOP OF FOOTING TO BE ELEV. (-)2'-0" (U.N.O.) G.C. TO VERIFY/COORDINATE WITH FINAL GRADES. ALL BOTTOM OF FOOTING ELEVATIONS ARE (-) 3'-0" (MIN.) BELOW FINISHED GRADE.
- FPX - INDICATES PIER TYPE. SEE SCHEDULE ON THIS SHEET
- TOP X'-XX" - (EXAMPLE) INDICATES TOP OF PIER ELEVATION. TOP OF PIER ELEV. TO MATCH TOP OF WALL ELEV. (U.N.O.)
- CJ - INDICATES SLAB CONTRACTION/CONSTRUCTION JOINT SEE DETAILS ON SHEET S2.0
- INDICATES CHANGE IN ELEVATION
- FS - INDICATES FOOTING STEP. SEE DETAIL ON SHEET S2.0
- INDICATES NONLOAD BEARING CMU PARTITION WALLS
- TOP X'-XX" - (EXAMPLE) INDICATES TOP OF WALL ELEVATION.
- XXX' (+)X'-X" - INDICATES APPROX. FIN. GRADE EL. SEE CIVIL DWGS.



<p>McCarthy ENGINEERING ASSOCIATES, INC. www.McCarthy-Engineering.com Phone: 610.373.8001</p> <p>155 Van Reed Road Wilmington, PA 19810</p>	<p>2800 East High Street Suite 830 Pittsboro, PA 19444</p>
<p>JAMES C. MCCARTHY REGISTERED PROFESSIONAL ENGINEER RE-051848</p>	
<p>FIRST FLOOR AND FDTN. PLAN - NEW BUILDING " PUBLIC WORKS FACILITY "</p> <p>Client: WYOMISSING BOROUGH Location: BERKS COUNTY, PENNSYLVANIA Date: JULY 13, 2023</p>	
<p>DRAWN BY: AMK PRINCIPAL: JCM</p>	<p>PROJ. MANAGER: JCM SCALE: AS NOTED</p>
<p>S1.0</p>	
<p>ISSUED FOR BID JULY 19, 2023 NOT FOR CONSTRUCTION</p>	

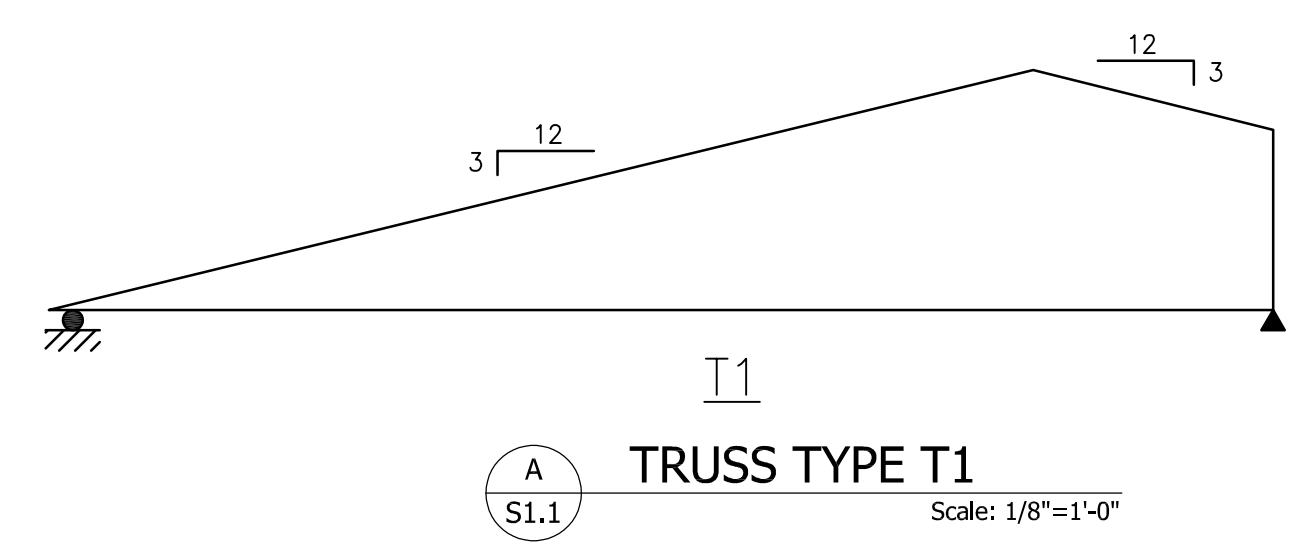


1 SECOND FLOOR FRAMING PLAN
Scale: 1/8"=1'-0"

- SHEET NOTES:**
1. ALL EXISTING CONDITIONS SHALL BE VERIFIED IN THE FIELD PRIOR TO BEGINNING OF ANY WORK. IF EXISTING FIELD CONDITIONS DO NOT PERMIT THE INSTALLATION OF THE WORK IN ACCORDANCE WITH THE DETAILS AS SHOWN, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT IMMEDIATELY AND PROVIDE A SKETCH OF THE CONDITION WITH THE PROPOSED MODIFICATION FOR REVIEW BY ARCHITECT.
 2. CONTRACTOR TO CONFIRM ALL DIMENSIONS AND ELEVATIONS WITH ARCHITECTURAL DRAWINGS PRIOR TO START OF WORK.
 3. FRAMING NOT SPECIFICALLY DIMENSIONED SHALL BE ASSUMED EQUALLY SPACED.
 4. SEE SHEET S0.0 FOR GENERAL STRUCTURAL NOTES AND DESIGN LOADS.
 5. ALL FRAMING MEMBERS SHALL BE PROPERLY BRACED BY THE CONTRACTOR UNTIL THE STRUCTURAL DIAPHRAGM HAS BEEN COMPLETELY CONSTRUCTED.
 6. 24LH13 JOISTS SHALL HAVE (2) ROWS OF EQUALLY SPACED 1 1/2"x7/64", r=0.35 HORIZONTAL BRIDGING ANGLES BOLTED TO TOP AND BOTTOM CHORDS.
 7. 24LH16 JOISTS SHALL HAVE (2) ROWS OF EQUALLY SPACED 1 1/2"x7/64", r=0.35 HORIZONTAL BRIDGING ANGLES BOLTED TO TOP AND BOTTOM CHORDS.
 8. 14K3 JOISTS SHALL HAVE (1) ROW OF EQUALLY SPACED 1 1/2"x7/64", r=0.35 HORIZONTAL BRIDGING ANGLES BOLTED TO TOP AND BOTTOM CHORDS.
 9. SEE ARCHITECTURAL DRAWINGS FOR DIMENSIONS AND ELEVATIONS.

LEGEND:

	INDICATES SLOPE SEE ARCHITECTURAL DRAWINGS
	INDICATES DIRECTION OF SPAN 2 1/2" NORMAL WEIGHT CONCRETE OVER 1 1/2" 18 GAGE METAL FLOOR DECK (4" TOTAL THICKNESS). REINFORCE SLAB WITH FIBERMESH METAL FLOOR DECK TO BE 1 1/2" TYPE B 18 GAGE METAL DECK INSTALLED IN 3 SPAN CONDITION W/36/4 5/8" DIAMETER WELD PATTERN AND (2) WELDED SIDE LAP CONNECTIONS PER SPAN. SEE GENERAL NOTES ON S0.0. SEE DETAIL A/S2.2 FOR SLAB REINFORCING.
12K	(EXAMPLE) INDICATES TOTAL VERTICAL END REACTION IN KIPS FOR STEEL TO STEEL CONNECTION DESIGN
(E)	INDICATES EXISTING
(SL)	INDICATES SLOPE STEEL BEAM/JOIST
	INDICATES DIRECTION OF SPAN 2x8 STEEL BAR GRATING - TYPE W-19-4 (2x8) STEEL STEEL BAR GRATING TO BE INSTALLED AND WELDED TO SUPPORTS PER MANUFACTURER'S RECOMMENDATIONS IN 3 SPAN CONDITION. SEE GENERAL NOTES ON S0.0.
	INDICATES DIRECTION OF 3/8" (M/M) EXTERIOR GRADE PRESSURE TREATED PLYWOOD ROOF SHEATHING (STAGGER JOINTS)



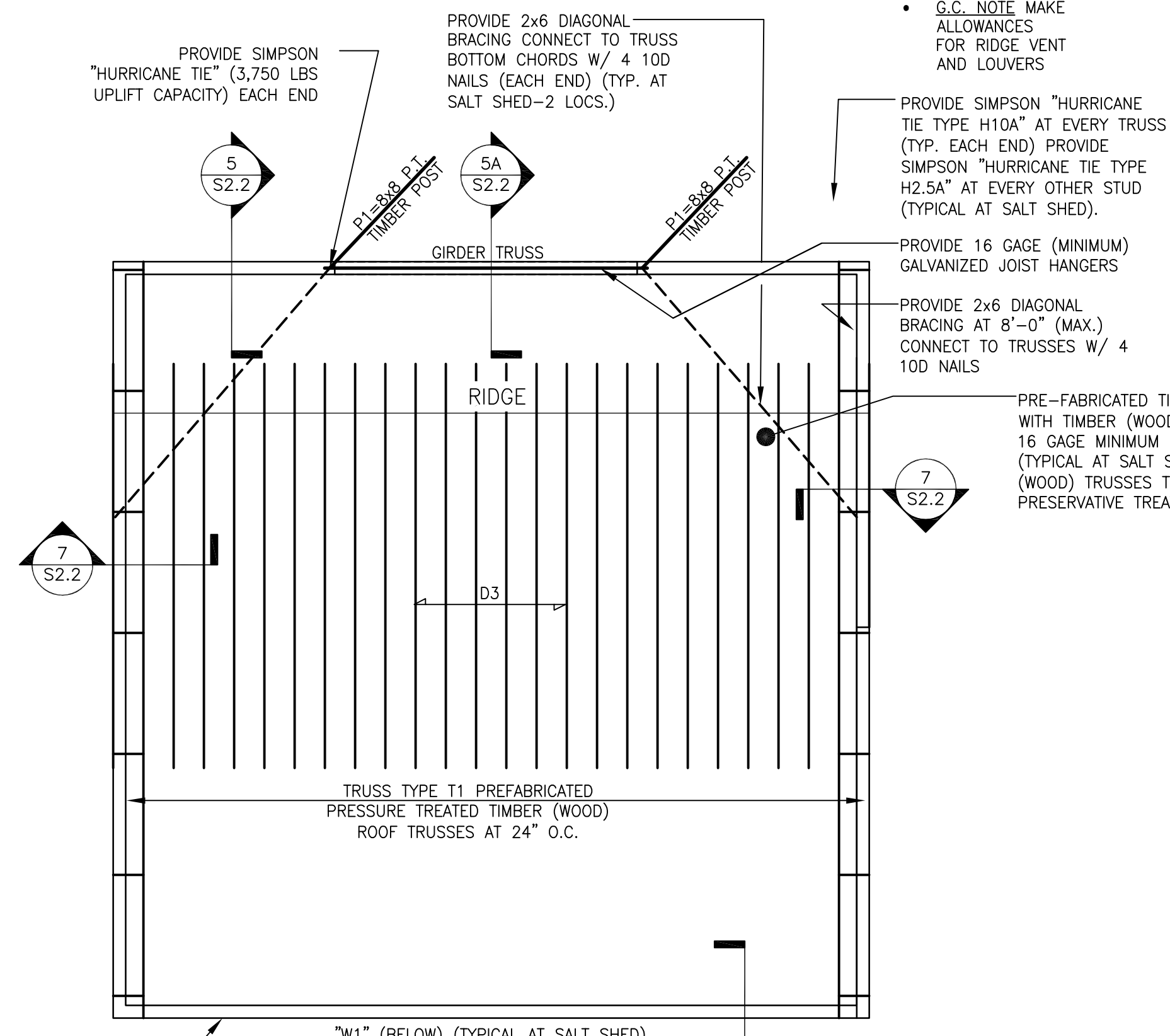
TRUSS DESIGN PARAMETERS:

-LOADING	
TOP CHORD DEAD LOAD =	5 PSF
BOTTOM CHORD DEAD LOAD =	15 PSF
UNIFORM SNOW LOAD =	30 PSF
UNBALANCED SNOW LOAD =	SEE TRUSS DIAGRAMS
WIND NET UPLIFT =	15 PSF
TOP CHORD LIVE LOAD =	20 PSF
-DEFLECTION LIMITS	
$\delta_{TL} =$	L/240
$\delta_B =$	L/240
$\delta_{BL} =$	L/240
$\delta_{TL} =$	L/180

NOTE: THE TRUSS PROFILES SHOWN ON THIS SHEET ARE GENERAL GRAPHIC REPRESENTATIONS ONLY AND FOR THE PURPOSE OF PROVIDING SPECIAL LOADING REQUIREMENTS. SEE ARCHITECTURAL DRAWINGS FOR ALL TRUSS DIMENSIONS AND CONFIGURATIONS.

2 SALT SHED ROOF FRAMING PLAN
Scale: 1/8"=1'-0"

1. TYPICAL TRUSS BEARING ELEVATION = +21'-0" UNLESS NOTED THUS (...) RELATIVE TO DATUM ELEVATION = 0'-0".
2. "W1" = 2x8 PRESSURE TREATED TIMBER (WOOD) STUDS AT 16" O.C. + 8x8 TIMBER POST + SIMPSON POST BASE AT 4'-0" O.C. PROVIDE 1/2" EXTERIOR GRADE PRESSURE TREATED PLYWOOD SHEATHING ATTACHED TO SUPPORTS (LONG DIMENSION VERTICAL) W/ 10d NAILS AT 12" (4" AT PANEL EDGES) (INTERIOR FACE OF WALL). PROVIDE 1/2" T1-11 SHEATHING ATTACHED TO SUPPORTS (LONG DIMENSION VERTICAL) W/ 10d NAILS AT 12" (6" AT PANEL EDGES) (EXTERIOR FACE OF WALL).
3. "W2" = 2x6 PRESSURE TREATED TIMBER (WOOD) STUDS AT 16" O.C. PROVIDE 1/2" EXTERIOR GRADE PRESSURE TREATED PLYWOOD SHEATHING ATTACHED TO SUPPORTS (LONG DIMENSION VERTICAL) W/ 10d NAILS AT 12" (4" AT PANEL EDGES) (INTERIOR FACE OF WALL). PROVIDE 1/2" T1-11 SHEATHING ATTACHED TO SUPPORTS (LONG DIMENSION VERTICAL) W/ 10d NAILS AT 12" (6" AT PANEL EDGES) (EXTERIOR FACE OF WALL).
4. "W2A" = 2x6 PRESSURE TREATED TIMBER (WOOD) STUDS AT 16" O.C. PROVIDE 1/2" EXTERIOR GRADE PRESSURE TREATED PLYWOOD SHEATHING ATTACHED TO SUPPORTS (BOTH SIDES OF WALL) (LONG DIMENSION VERTICAL) W/ 10d NAILS AT 12" (6" AT PANEL EDGES, BOTH SIDES).



- G.C. NOTE MAKE ALLOWANCES FOR RIDGE VENT AND LOUVERS
- PROVIDE RUBBER ROOFING SYSTEM (EDPM OR TPO OR EQUAL).
- PROVIDE FASCIA BOARDS AT THE TOP OF WALLS (EXTERIOR).
- PROVIDE DRIP EDGE AROUND EXTERIOR PERIMETER.
- PROVIDE T1-11 EXTERIOR SIDING SHEATHING (BROWN), SEE PLAN NOTES.
- PROVIDE GUTTERS AND DOWNSPOUTS AT 20'-0" ON CENTERS ALONG THE REAR WALL.
- PROVIDE GUTTER AND DOWNSPOUT ALONG FRONT WALL OF SALT SHED.
- PROVIDE METAL SCREEN MESH CEILING TO MATCH EXISTING BUILDING SPECS.

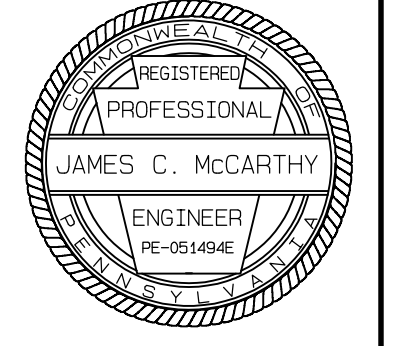
Revision	Date	Description

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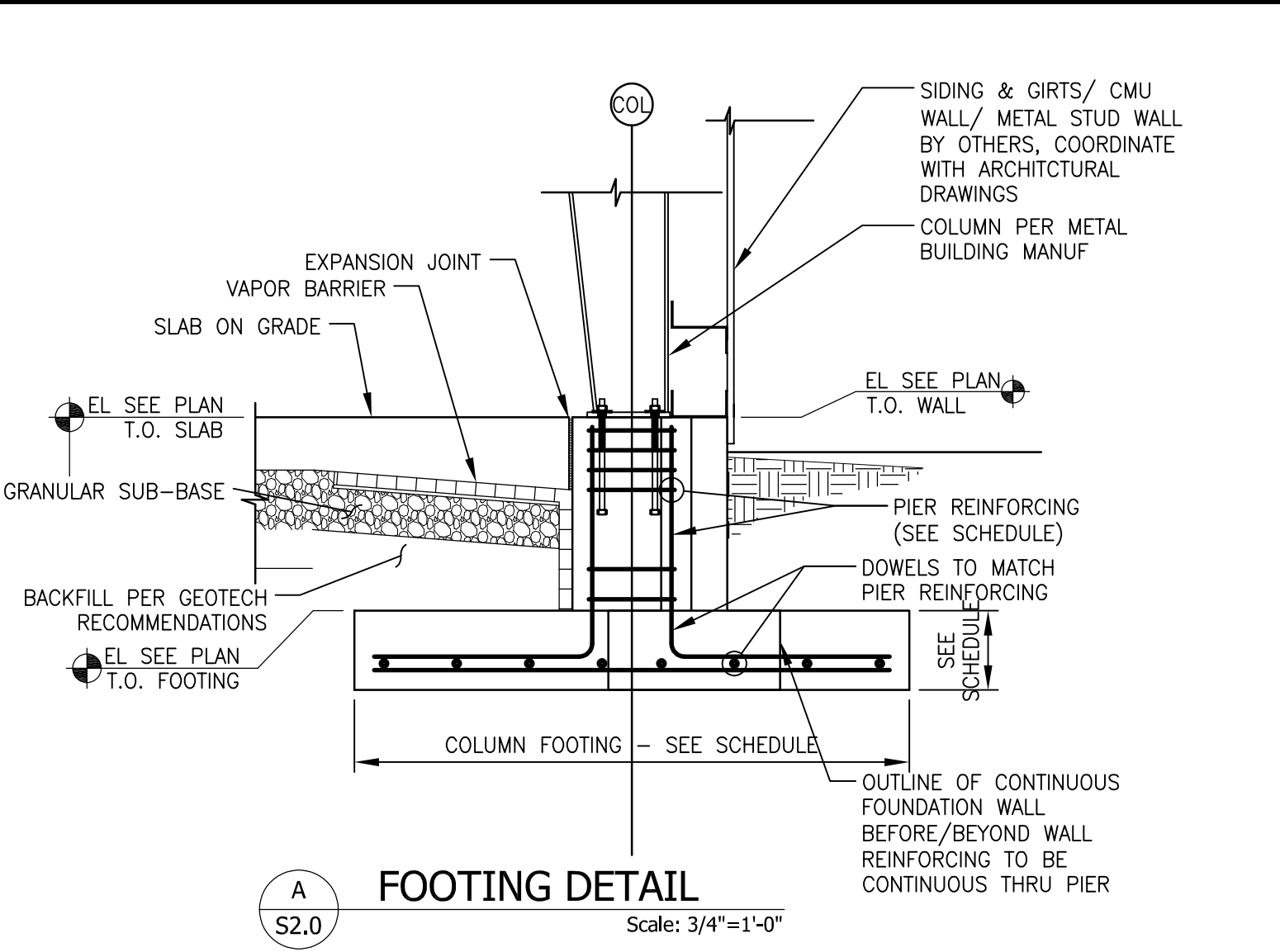
SECOND FLOOR FRAMING PLAN
- NEW BUILDING
" PUBLIC WORKS FACILITY "

WYOMISSING BOROUGH, BERKS COUNTY, PENNSYLVANIA
Client: WYOMISSING BOROUGH
Location: JULY 13, 2023
Date:

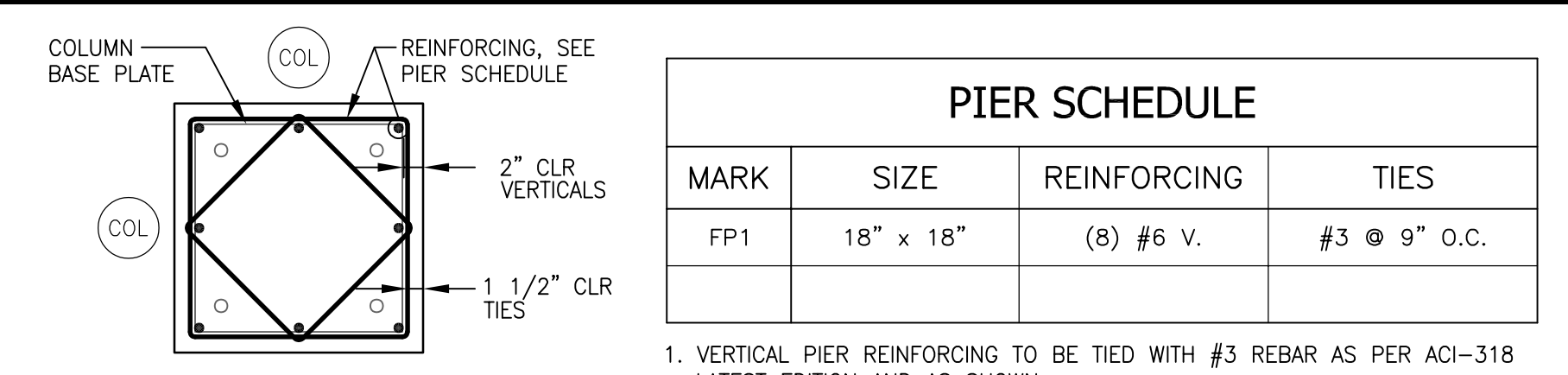
DRAWN BY: AMK
PRINCIPAL: JCM
SCALE: AS NOTED

DRAWING NO. **S1.1**
PROJECT NO. 210004

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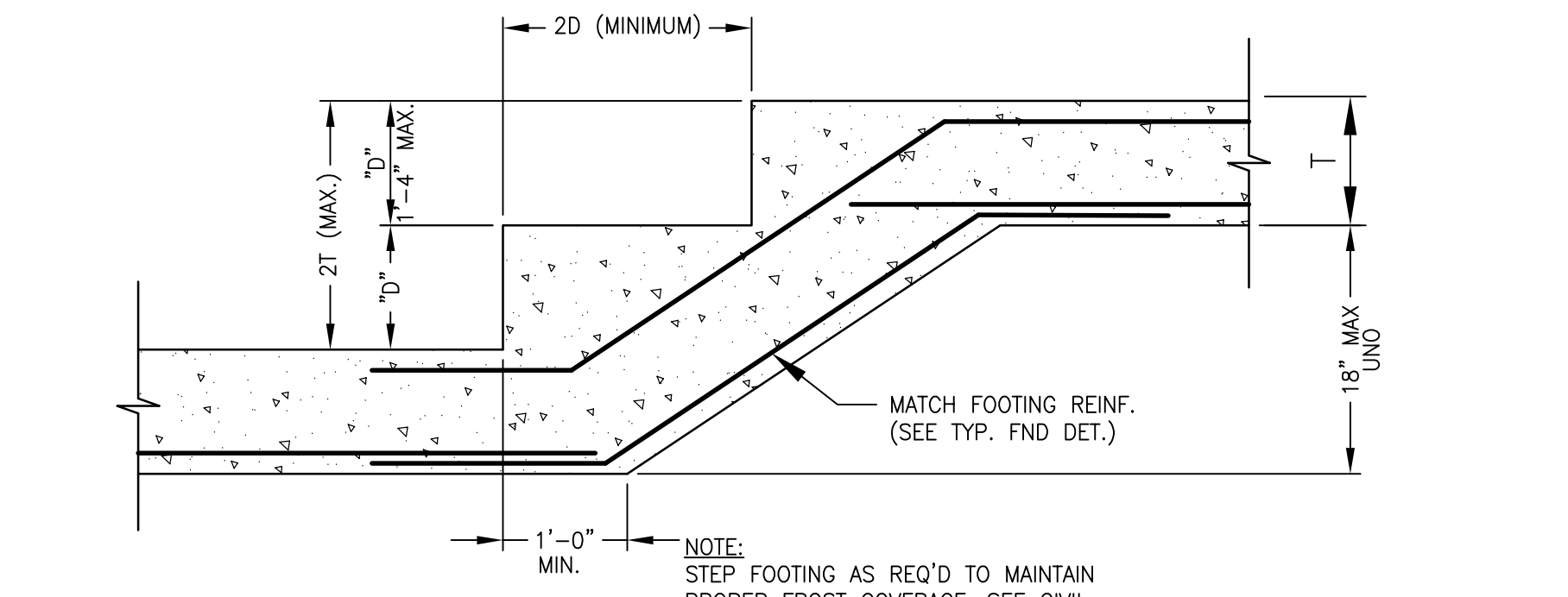
A FOOTING DETAIL
Scale: 3/4"=1'-0"



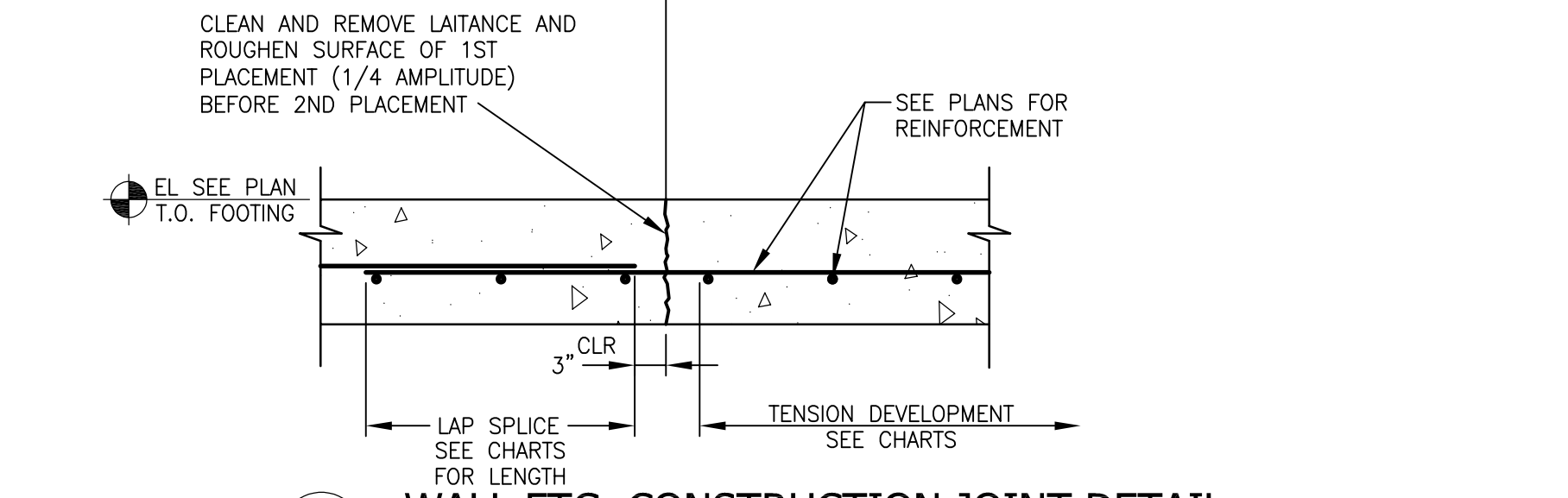
PIER DETAIL
Scale: 3/4"=1'-0"

- VERTICAL PIER REINFORCING TO BE TIED WITH #3 REBAR AS PER ACI-318 LATEST EDITION AND AS SHOWN.
- USE (3) #3 TIES WITHIN TOP 5" AT THE TOP OF EACH PIER AND FIRST TIE ABOVE THE FOOTING SHOULD BE = OR < 4" FROM THE TOP OF FOOTING.
- DOWELS TO BE SAME SIZE AND SPACING OF VERTICAL BARS (PROVIDE TENSION LAP SPLICE).
- REFER TO ACI-318 FOR COVER REQUIREMENTS.
- REFER TO SECTIONS FOR WALL REINFORCING.
- WALL REINFORCING TO BE CONTINUOUS THROUGH PIERS.
- REFER TO PLAN FOR TOP OF PIER ELEVATION.

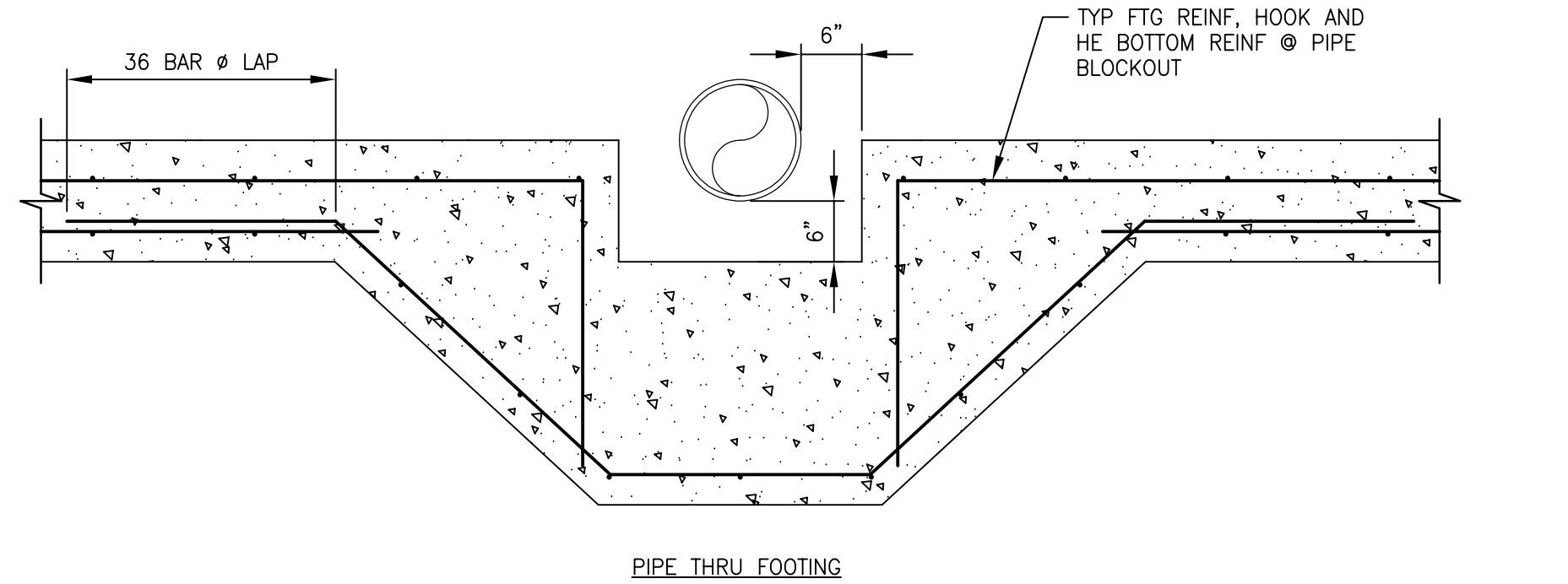
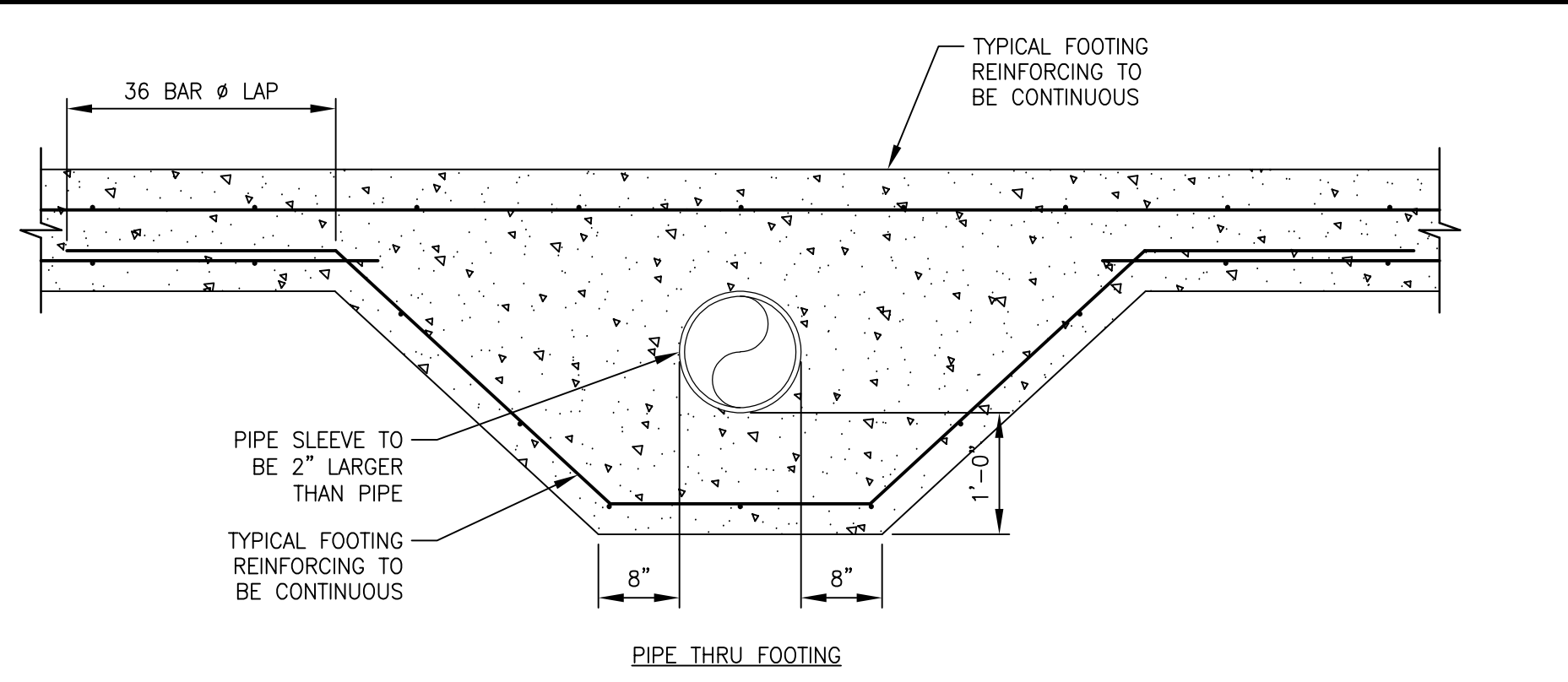
FINAL PIER SIZES TO BE DETERMINED AND COORDINATED WITH PRE-ENGINEERED BUILDING COLUMN AND ANCHOR LAYOUT BY MANUFACTURER.



C STEPPED FTG. DETAIL
Scale: 3/4"=1'-0"



D WALL FTG. CONSTRUCTION JOINT DETAIL
Scale: 3/4"=1'-0"

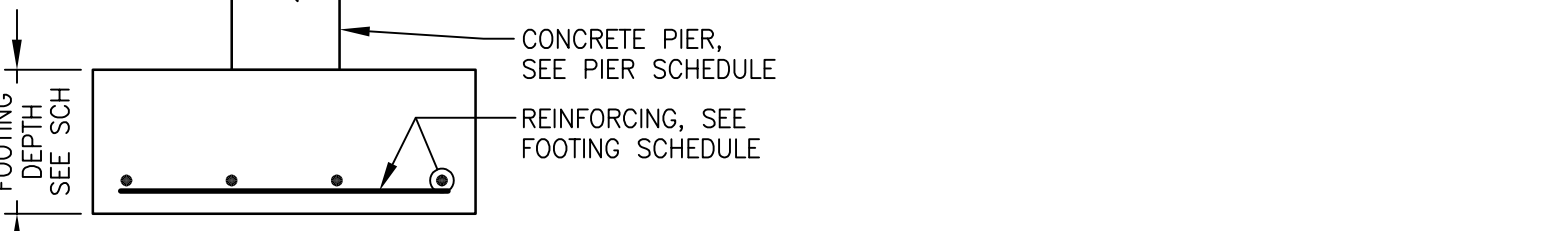


E DROPPED FOOTING DETAILS
Scale: 3/4"=1'-0"

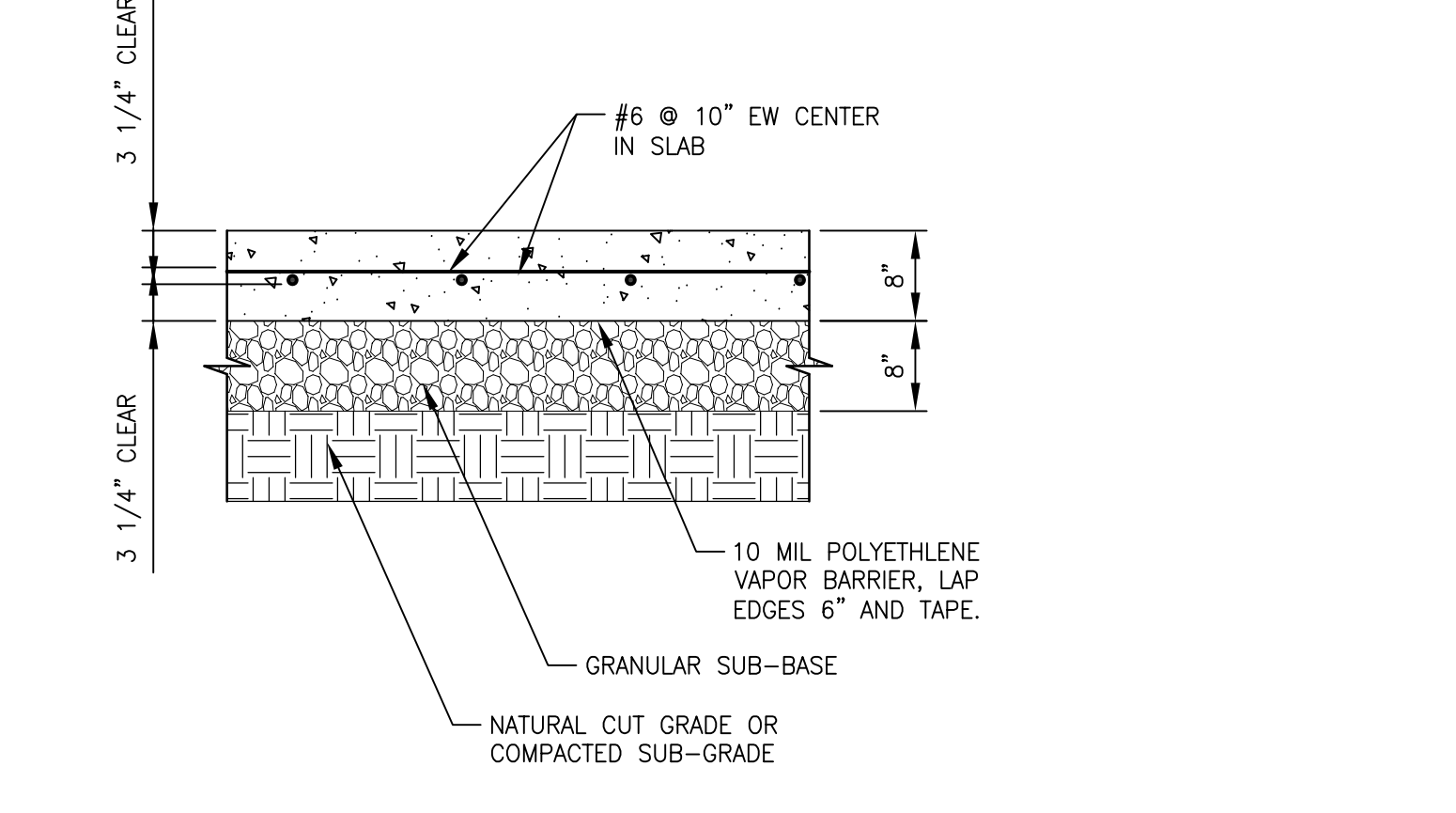


J WALL REIN. DETAIL AT OPENINGS
Scale: 3/4"=1'-0"

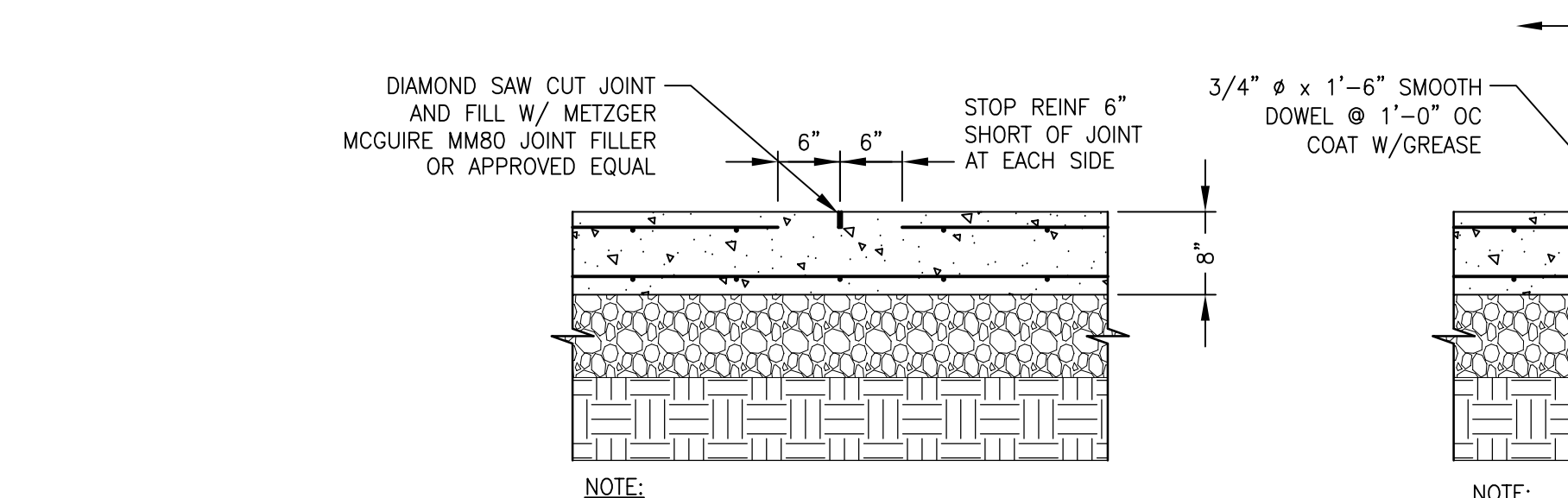
FOOTING SCHEDULE		
MARK	SIZE	REINFORCING
FF7x7	7'-0" x 7'-0" x 14"	(6) #6 BOT. E.W.



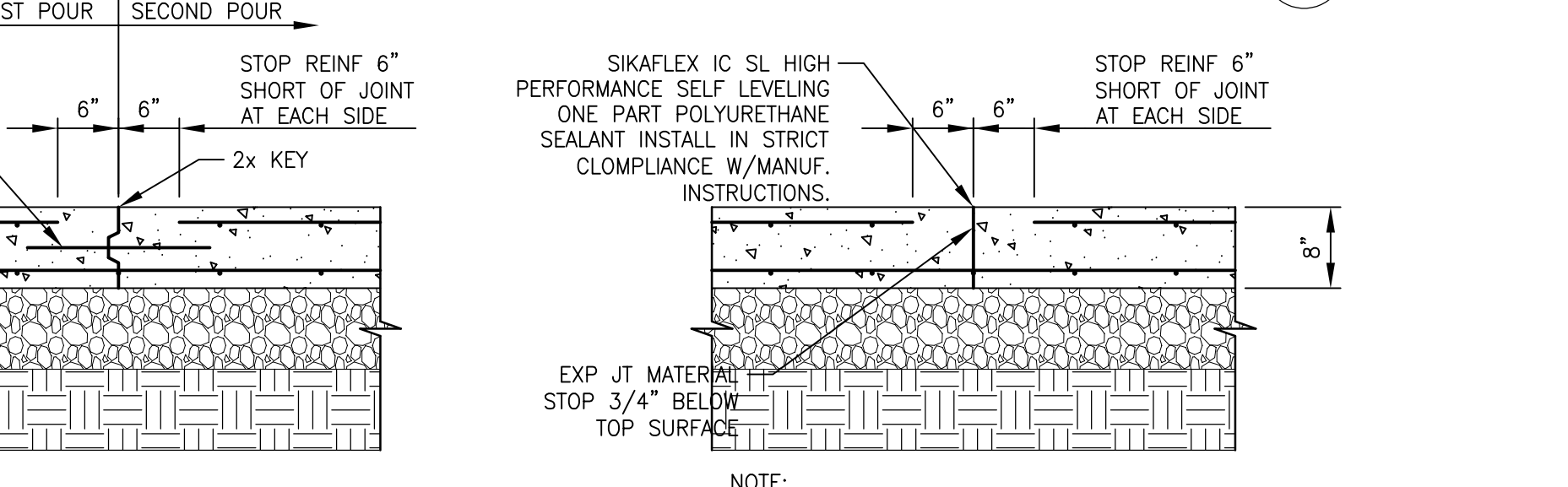
FINAL FOOTING SIZES AT BUILDING COLUMNS TO BE DETERMINED UPON RECEIPT OF PRE-ENGINEERED BUILDING REACTIONS BY MANUFACTURER.



F TYPICAL SLAB-ON-GRADE



F TYPICAL CONTROL JOINT

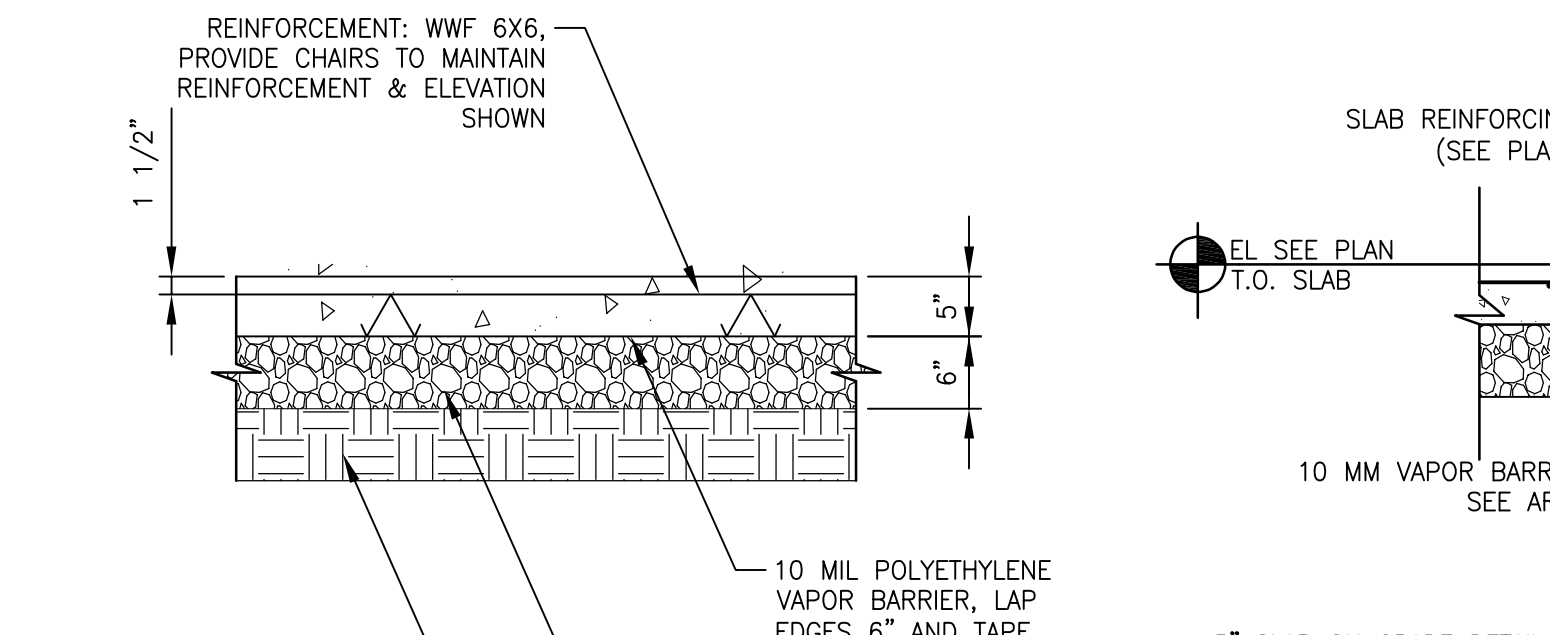


F TYPICAL EXPANSION JOINT

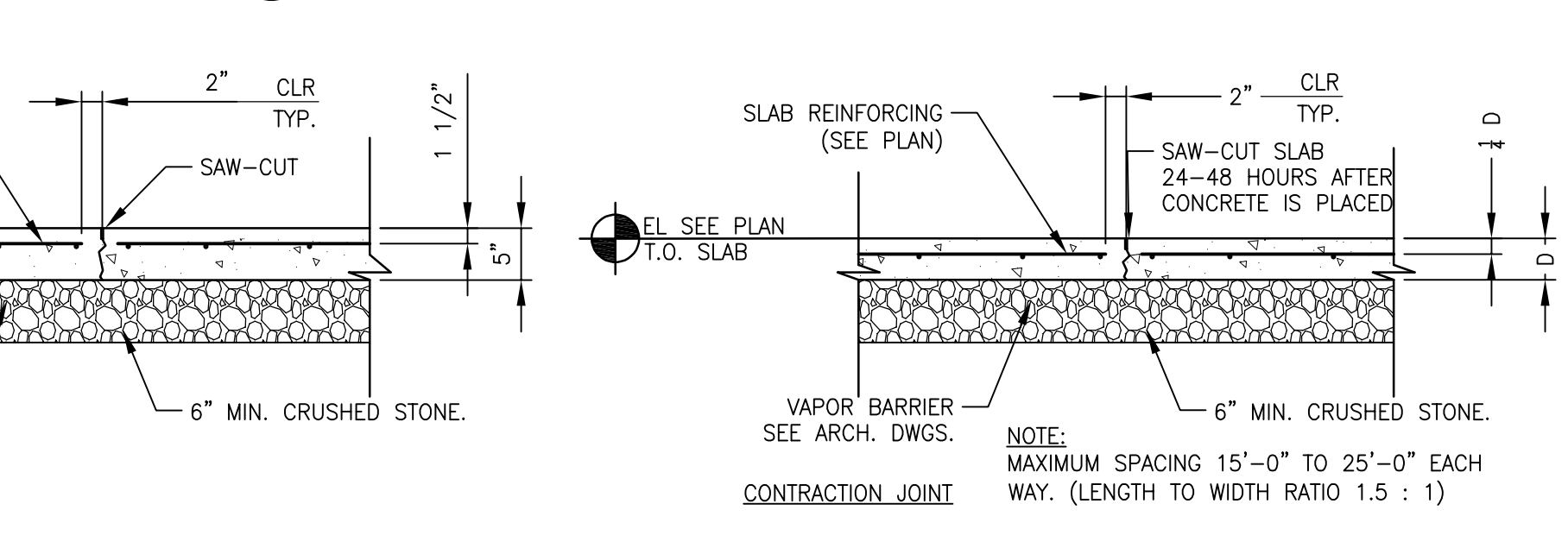
NOTE:
A. SAW-CUT IS TO BE PERFORMED WITHIN 24 HRS OF THE CONCRETE PLACEMENT, REFER TO ACI 301 AND 302.
B. PLACE CONTROL JOINTS AT 15'-0" OC MAX SPACING. SEE PLAN FOR CONTROL JOINT LOCATIONS NOTED CJ.
C. SEE TYP SLAB-ON-GRADE DETAIL FOR INFORMATION NOT SHOWN HERE.

NOTE:
A. CONSTRUCTION JOINTS TO BE USED WHEN CONCRETING OPERATIONS ARE TO BE INTERRUPTED. CONSTRUCTION JOINTS MAY ONLY BE USED AT LOCATIONS SPECIFIED FOR CONTROL JOINTS. SEE FOUNDATION PLAN FOR LOCATIONS NOTED CJ.
B. SEE TYP SLAB-ON-GRADE DETAIL FOR INFORMATION NOT SHOWN HERE.

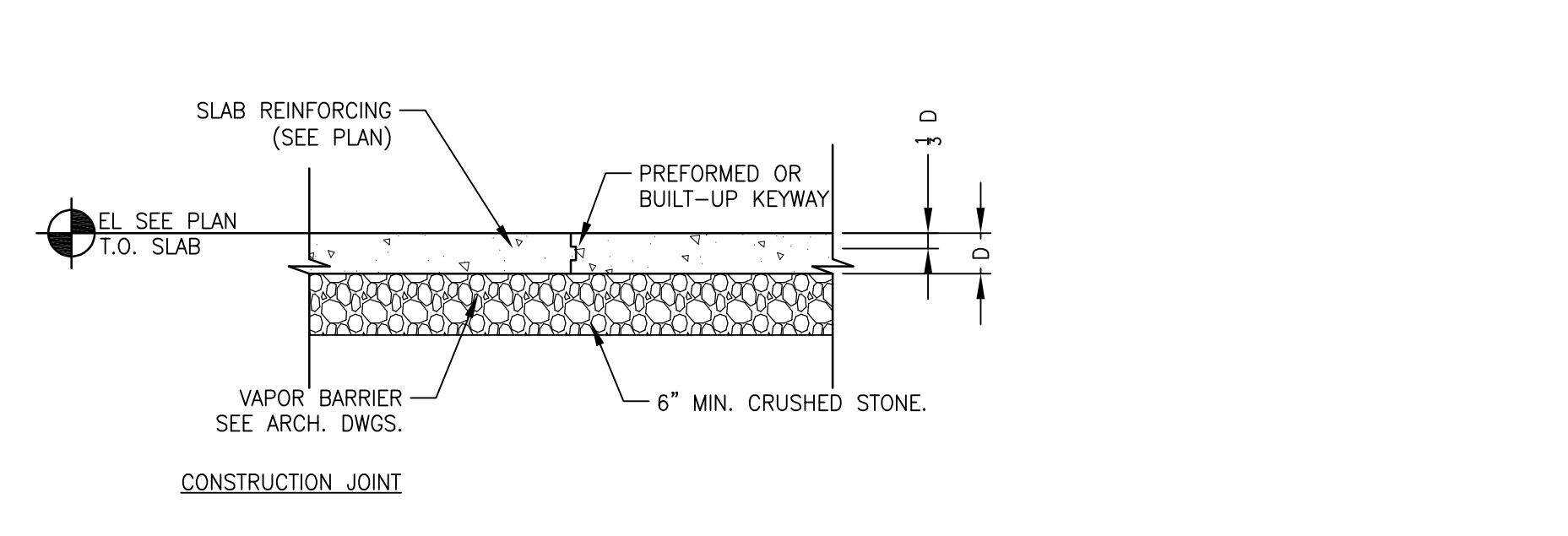
F STRUCTURAL SLAB ON GRADE DETAILS
Scale: 3/4"=1'-0"



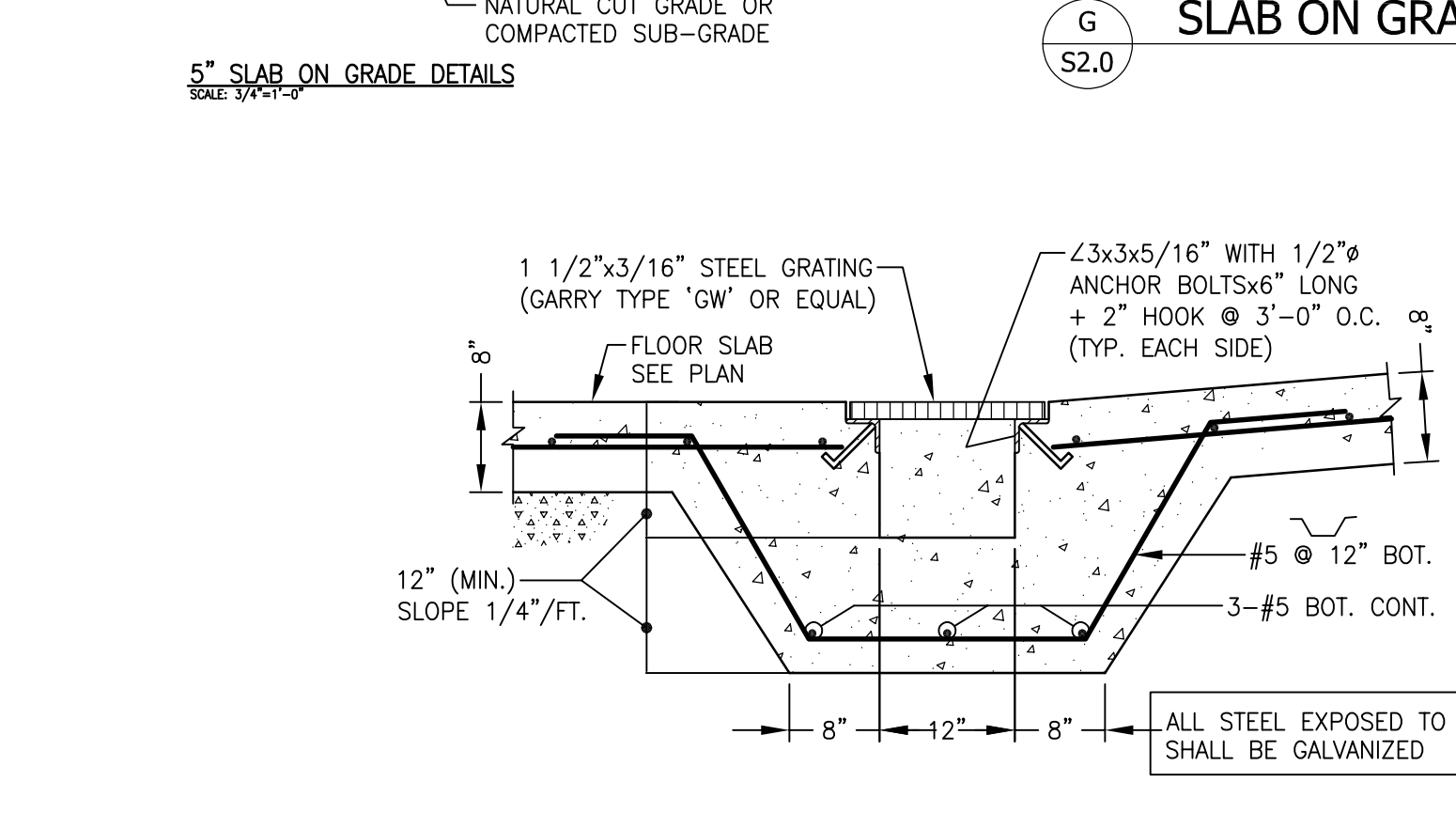
G 5" SLAB ON GRADE DETAILS
Scale: 3/4"=1'-0"



G CONTRACTION JOINT



G CONSTRUCTION JOINT



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

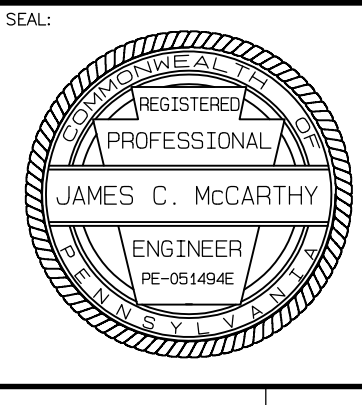
Rev. No.	Description	Date

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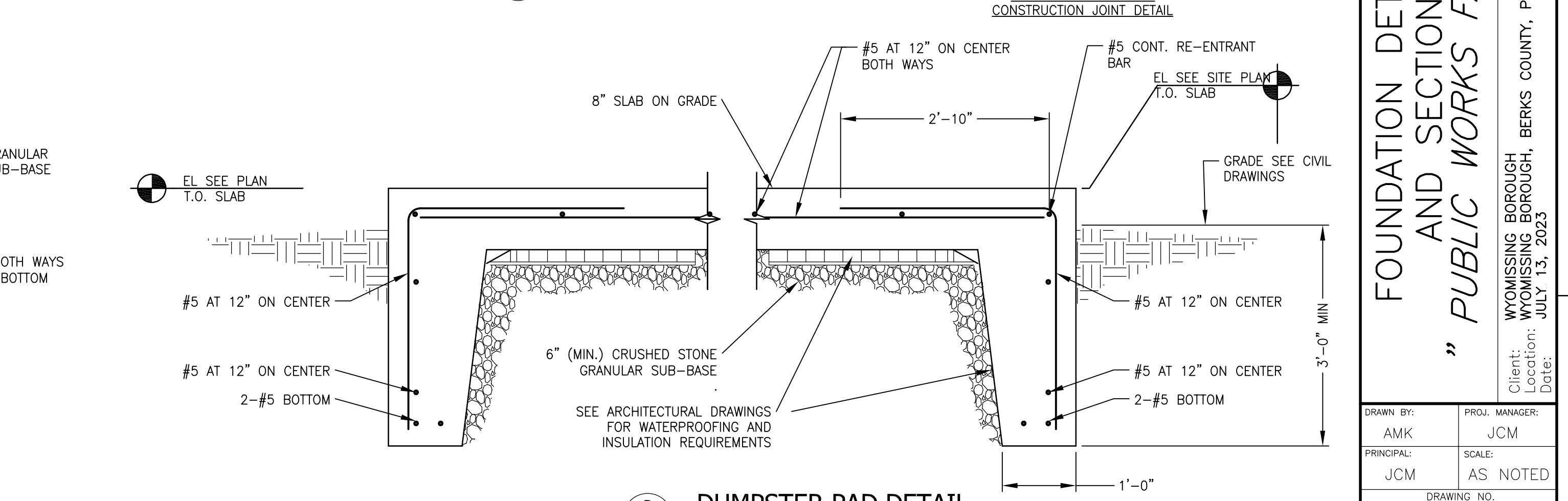
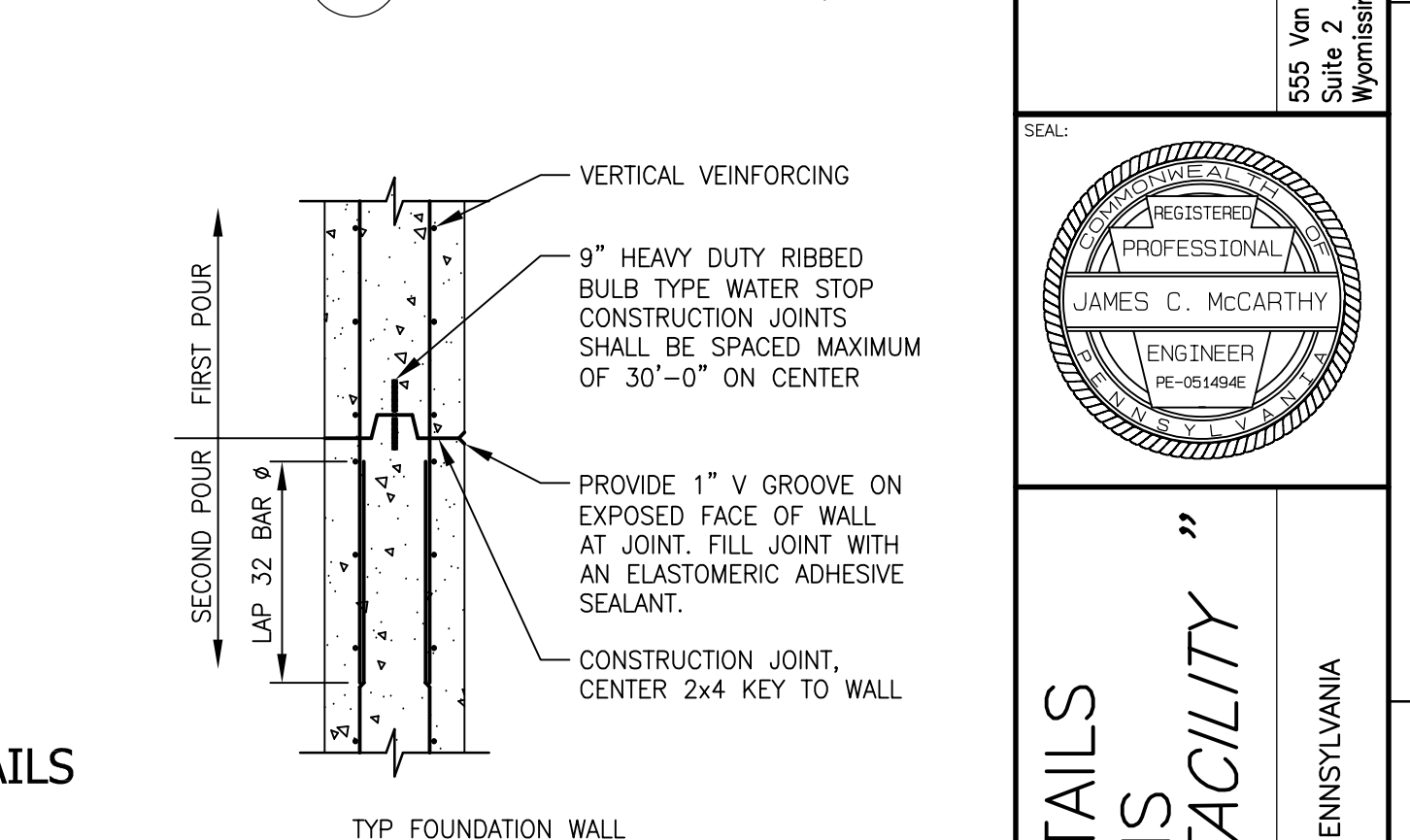
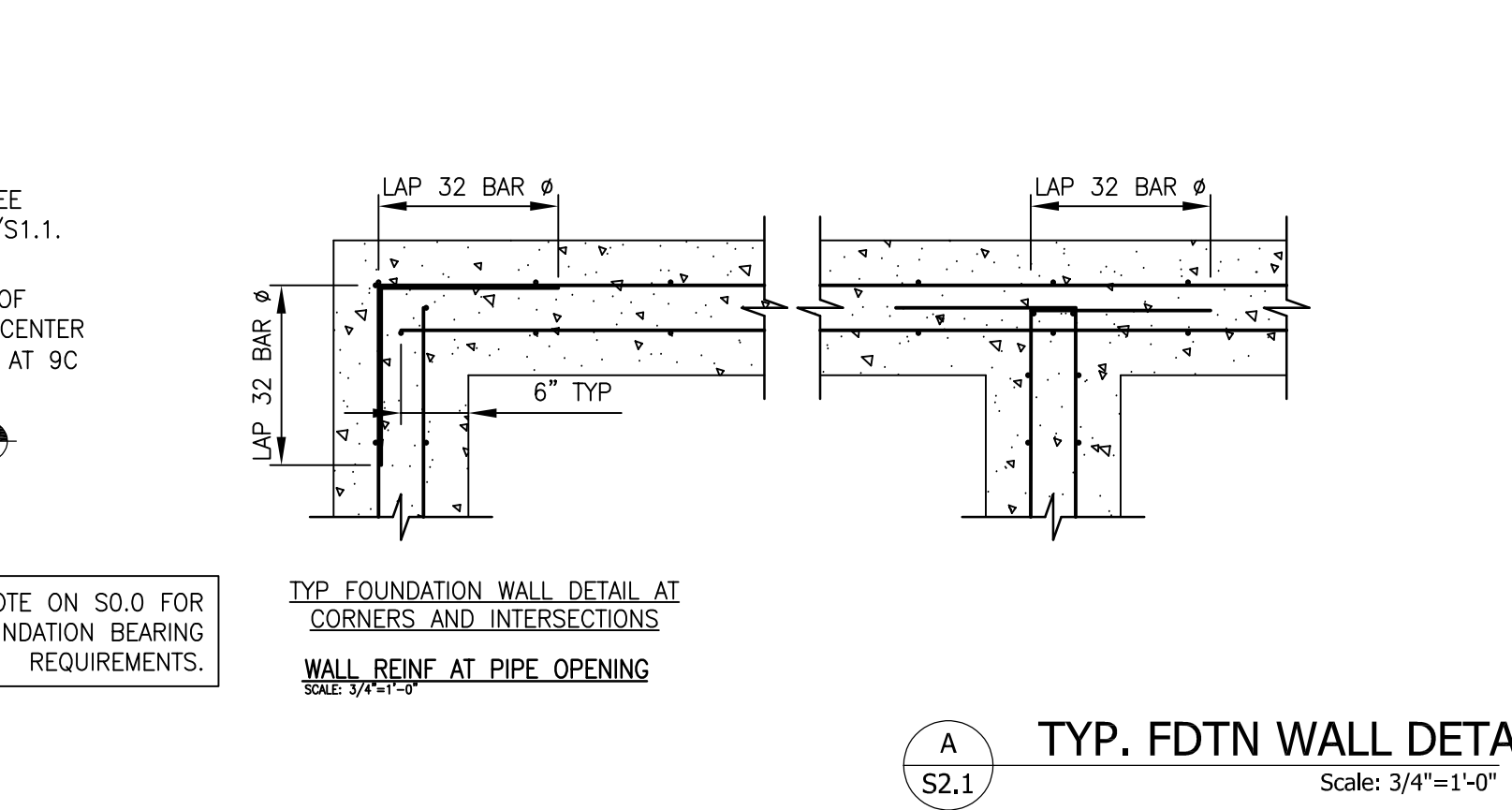
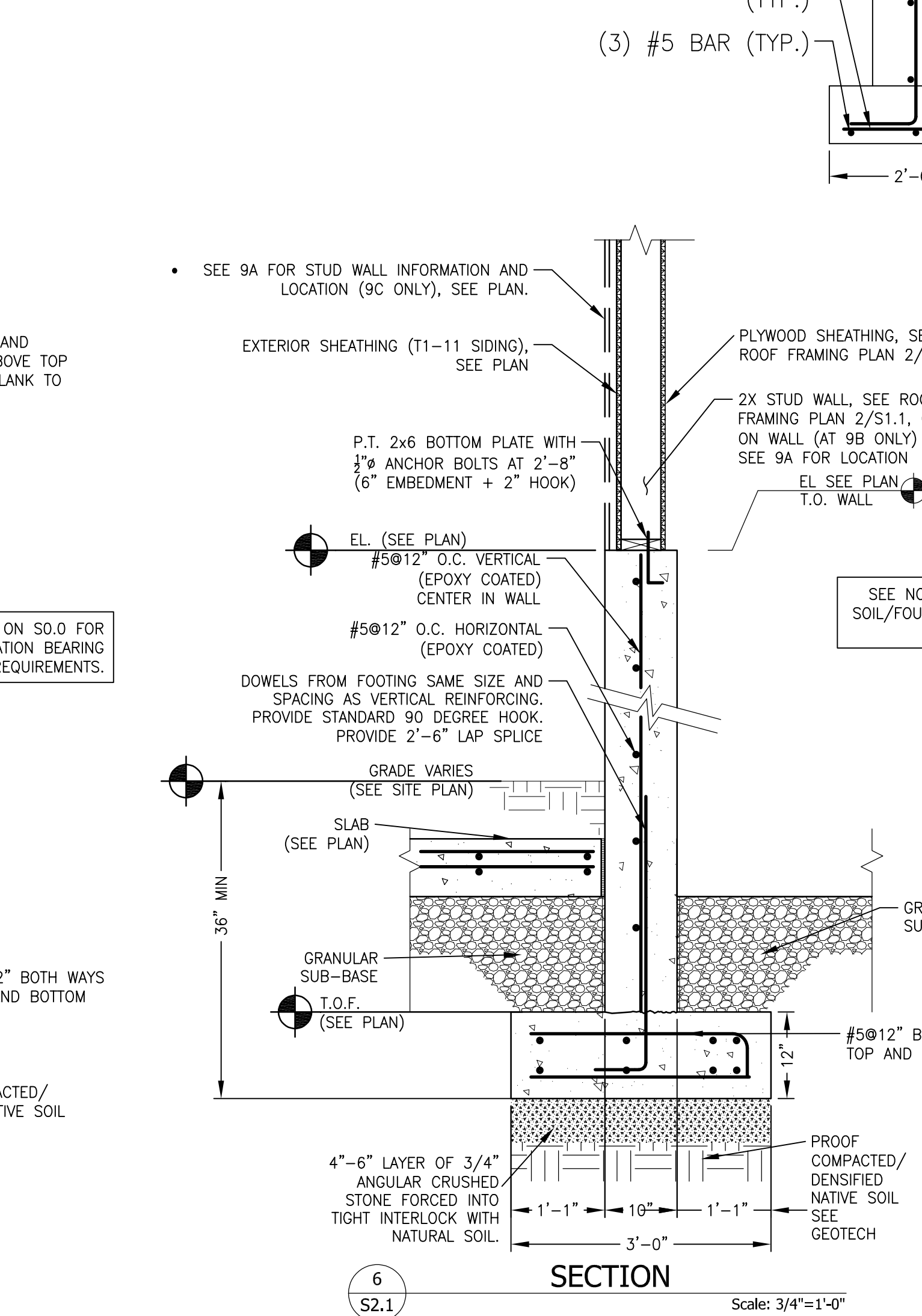
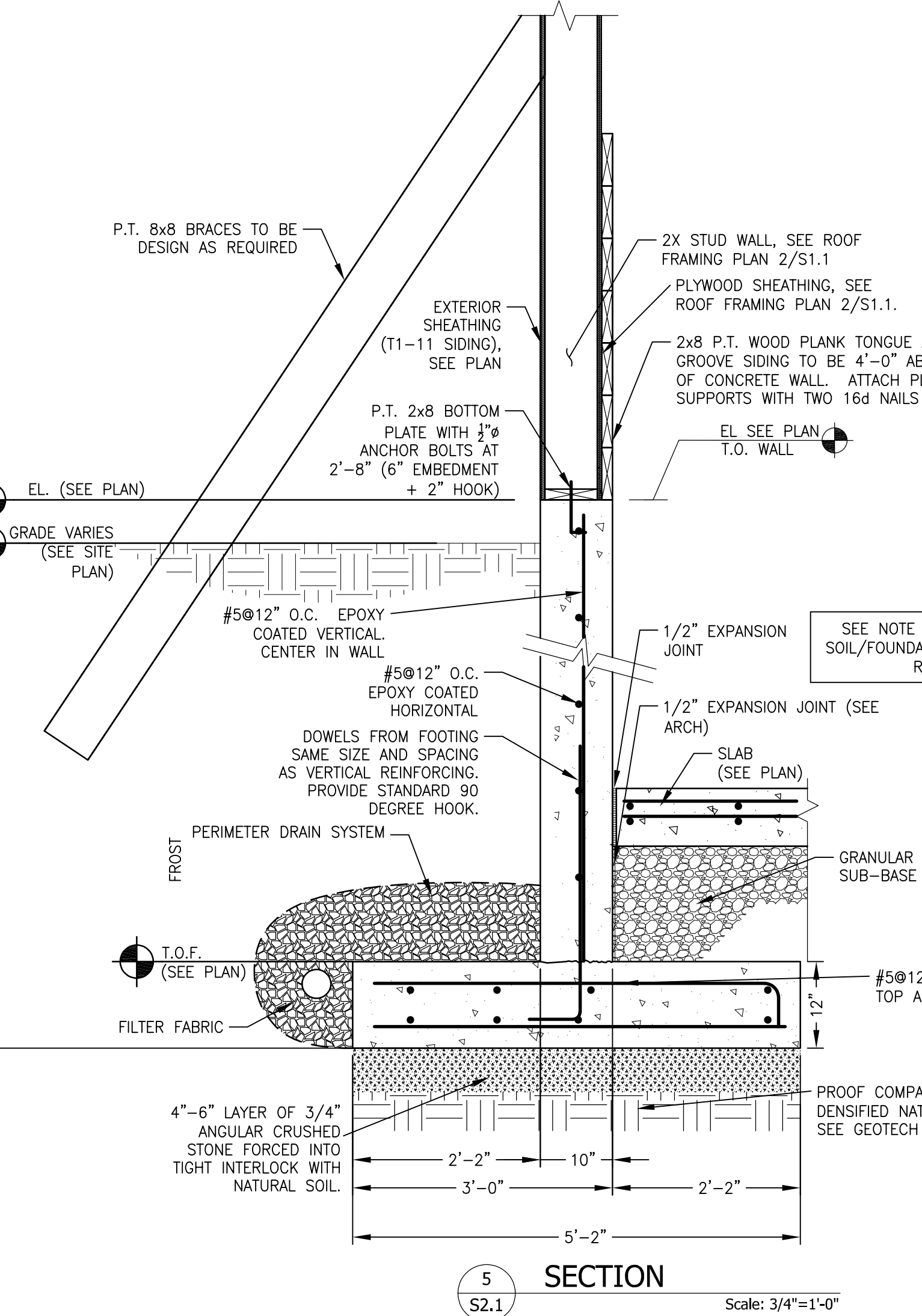
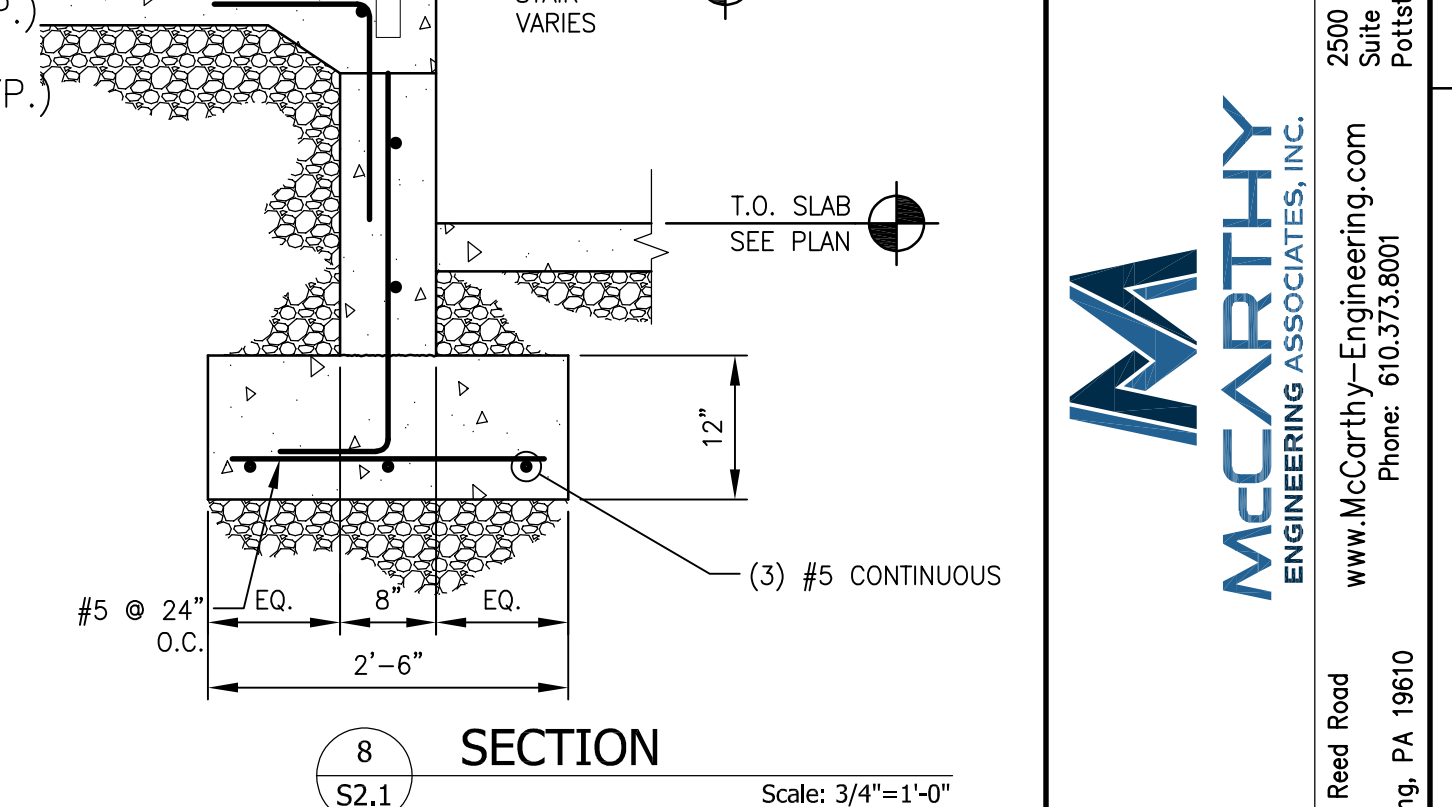
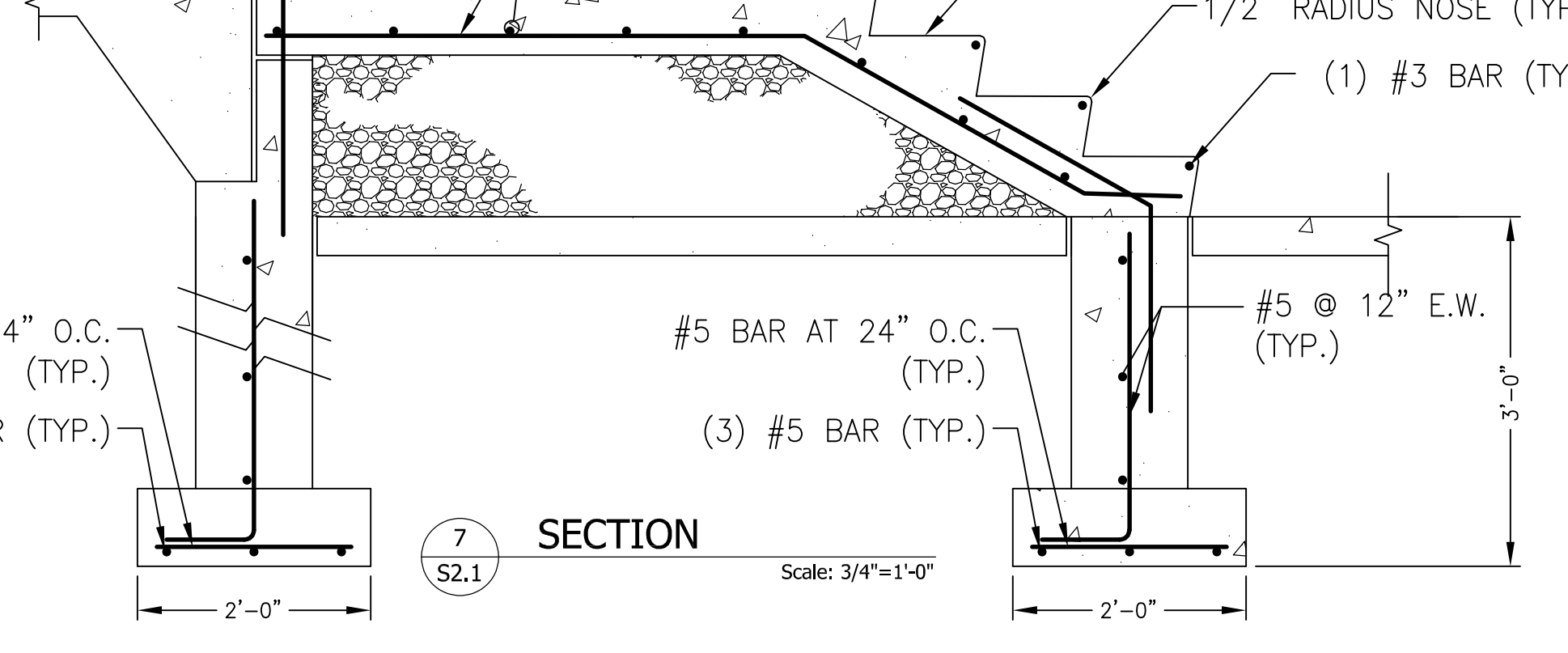
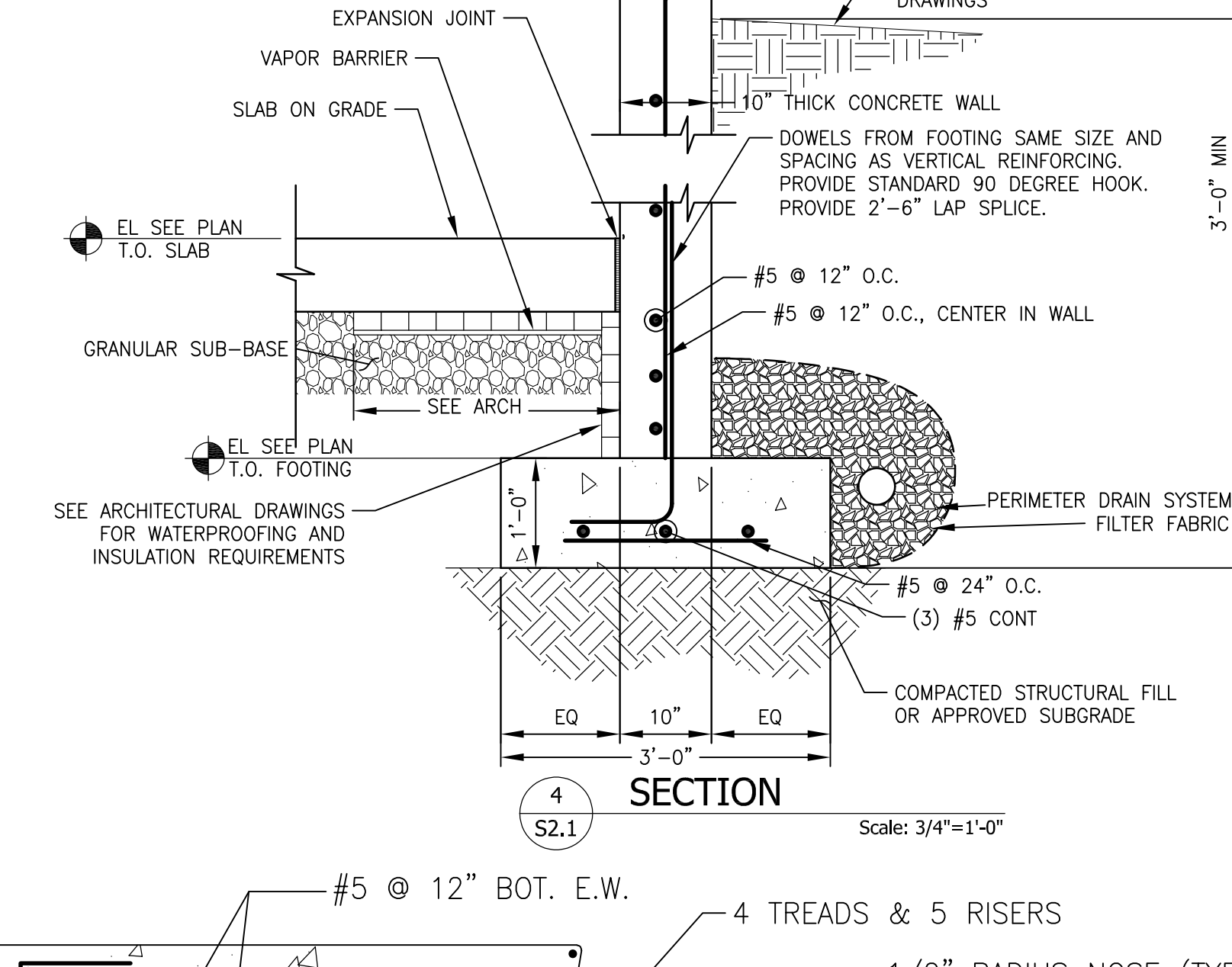
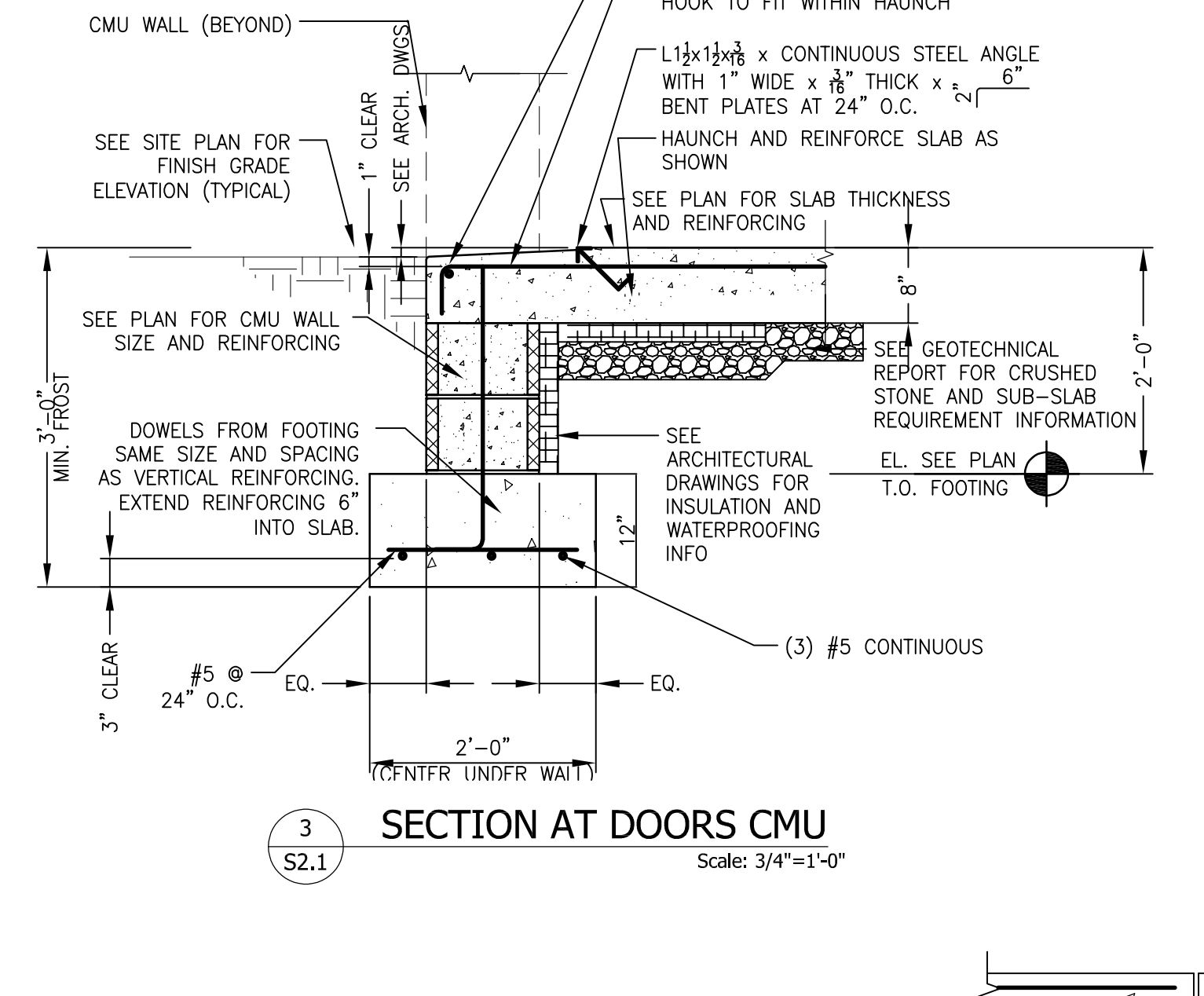
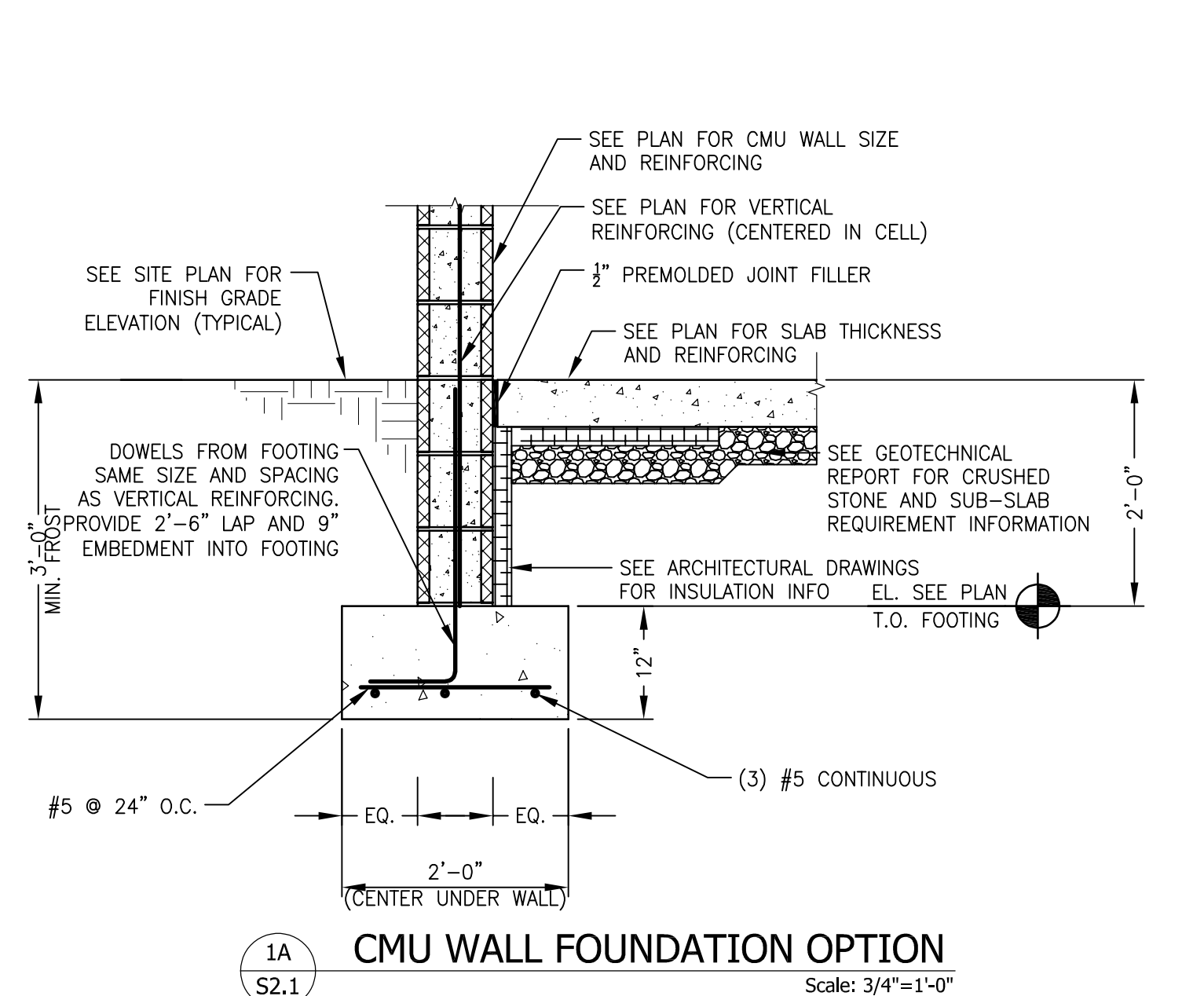
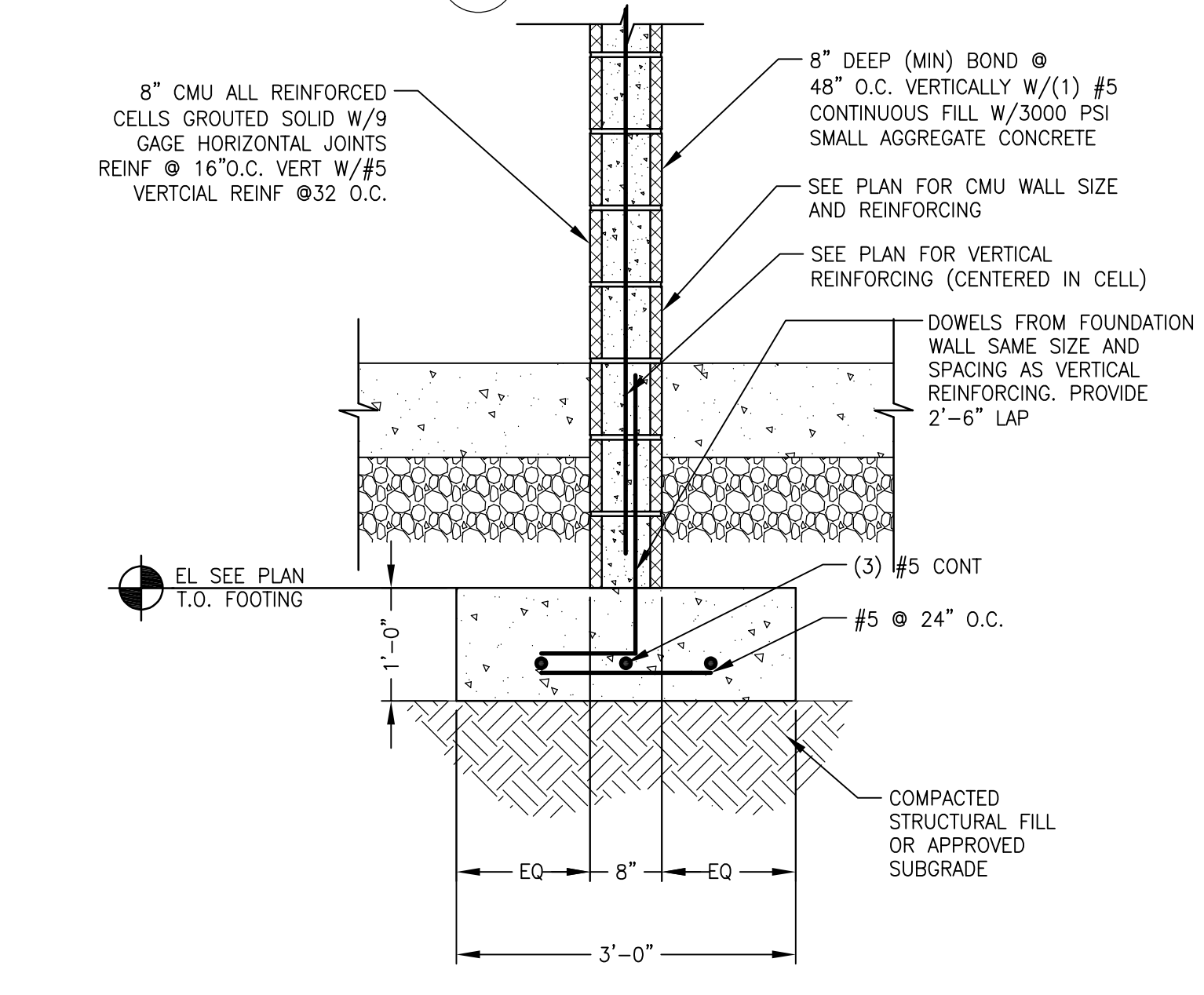
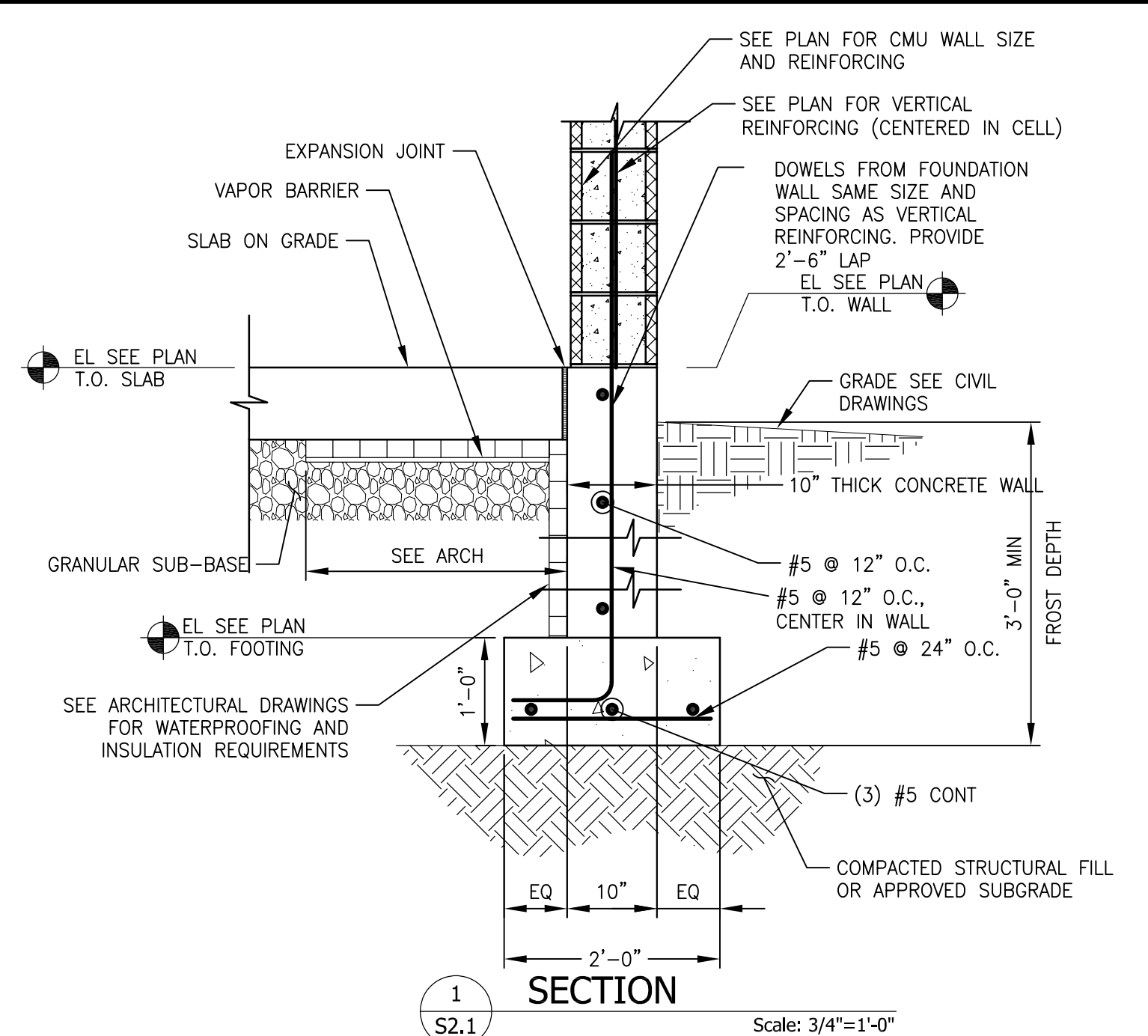


FOUNDATION DETAILS AND SECTIONS "PUBLIC WORKS FACILITY"

Client: WYOMISSING BOROUGH, BERKS COUNTY, PENNSYLVANIA
Location: JULY 13, 2023
Date:

DRAWN BY: AMK	PRJL. MANAGER: JCM
PRINCIPAL: JCM	SCALE: AS NOTED
DRAWING NO. S2.0	
PROJECT NO. 210004	

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REGISTERED PROFESSIONAL ENGINEER
JAMES C. MCCARTHY
PE-051842

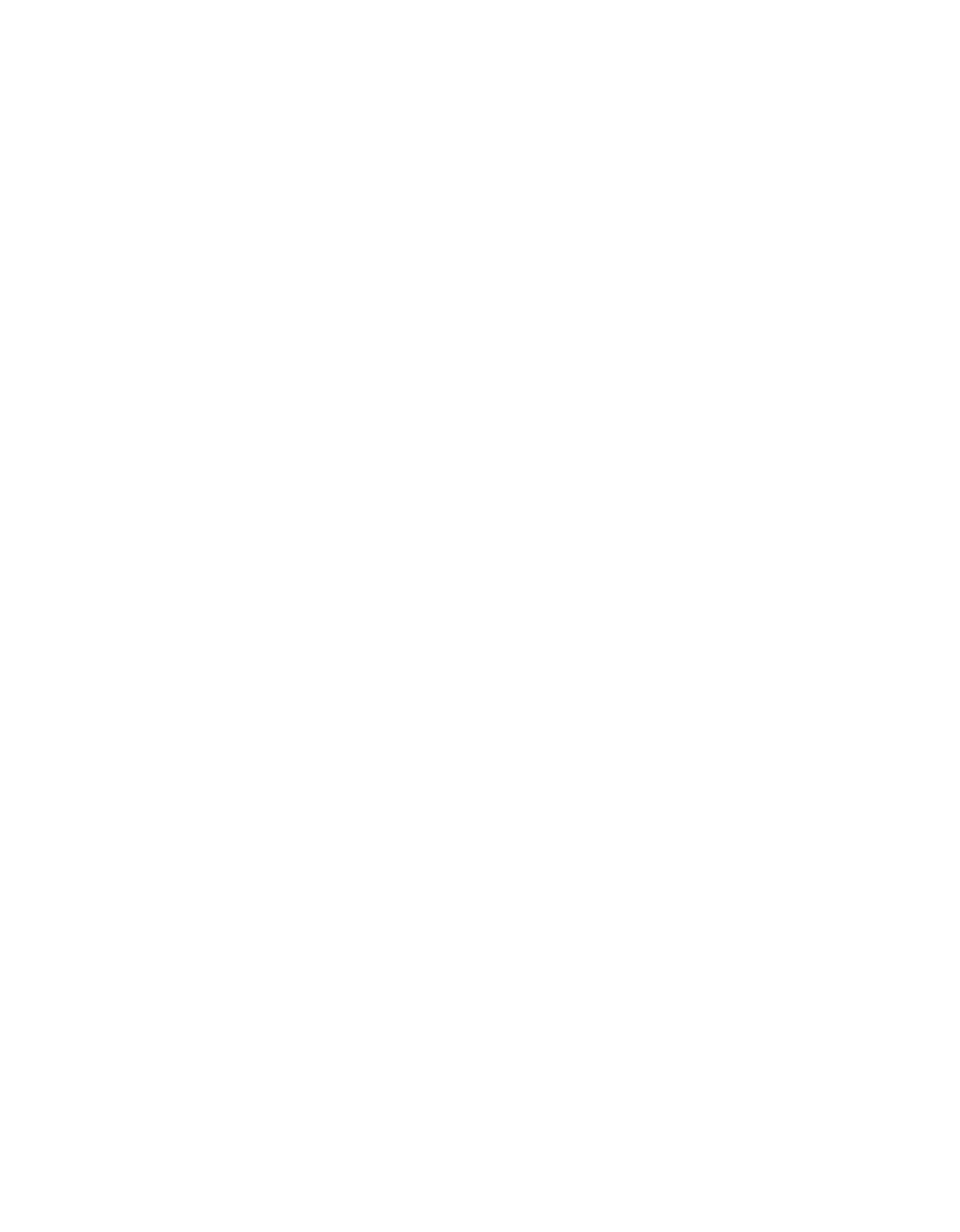
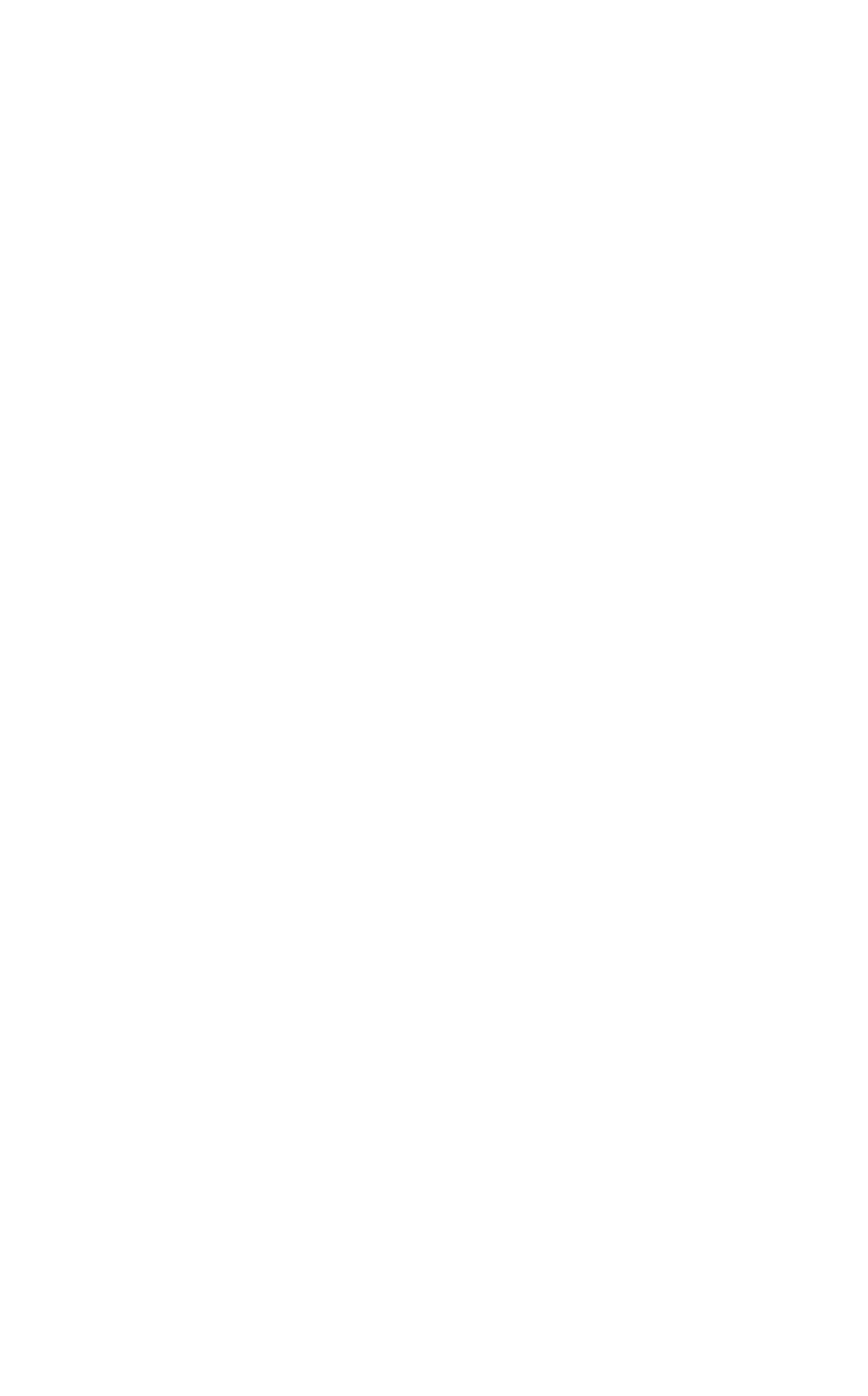
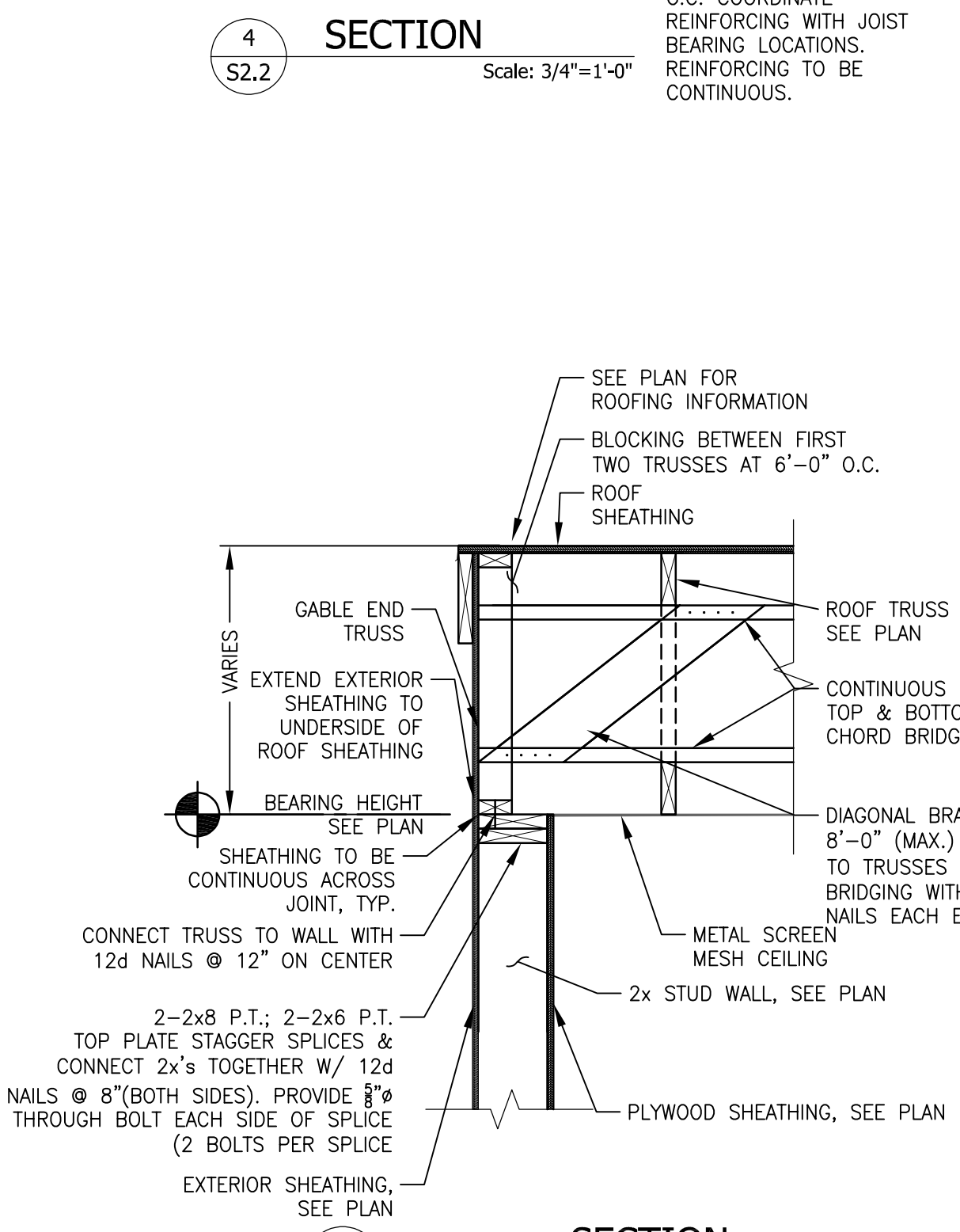
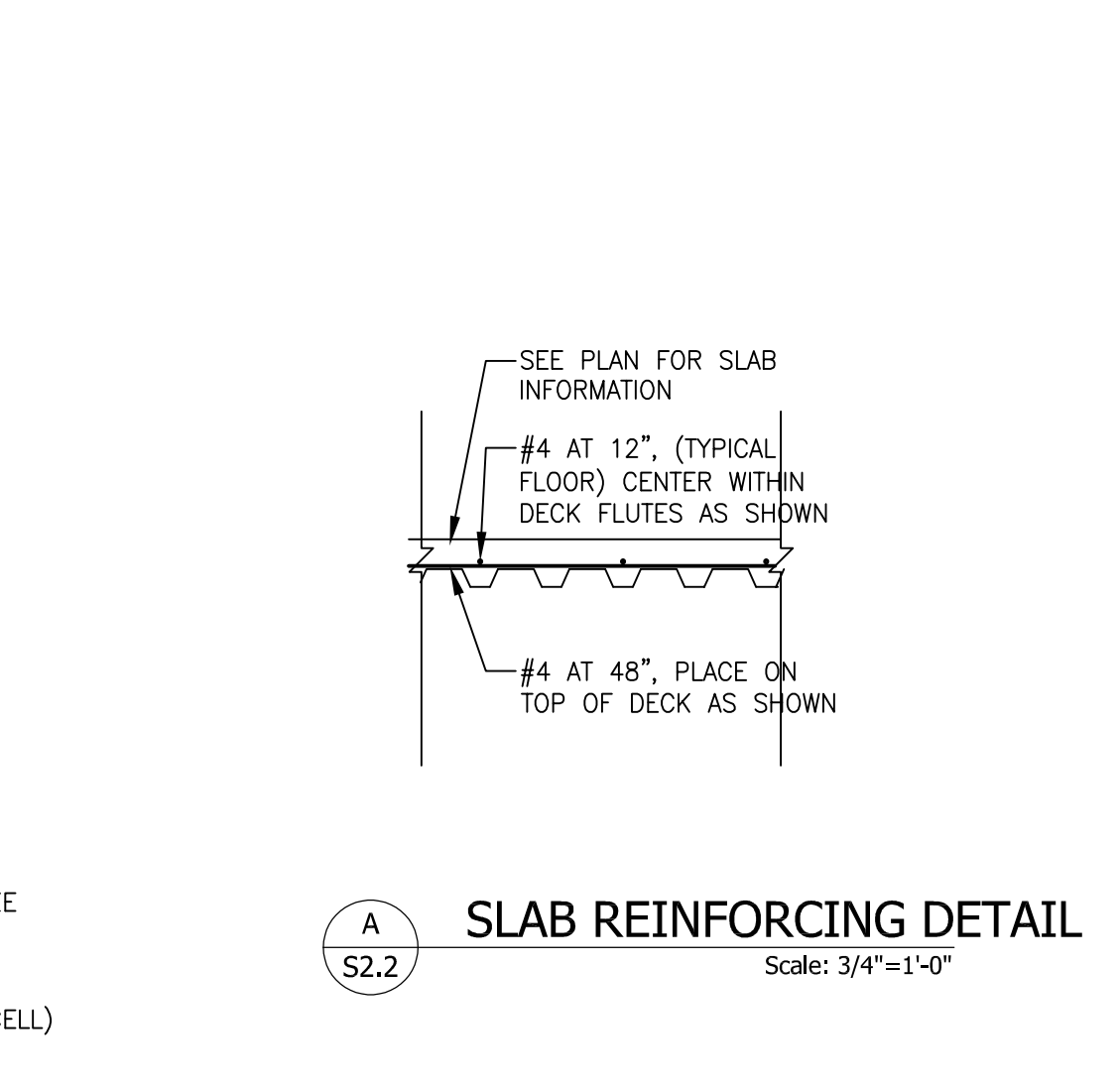
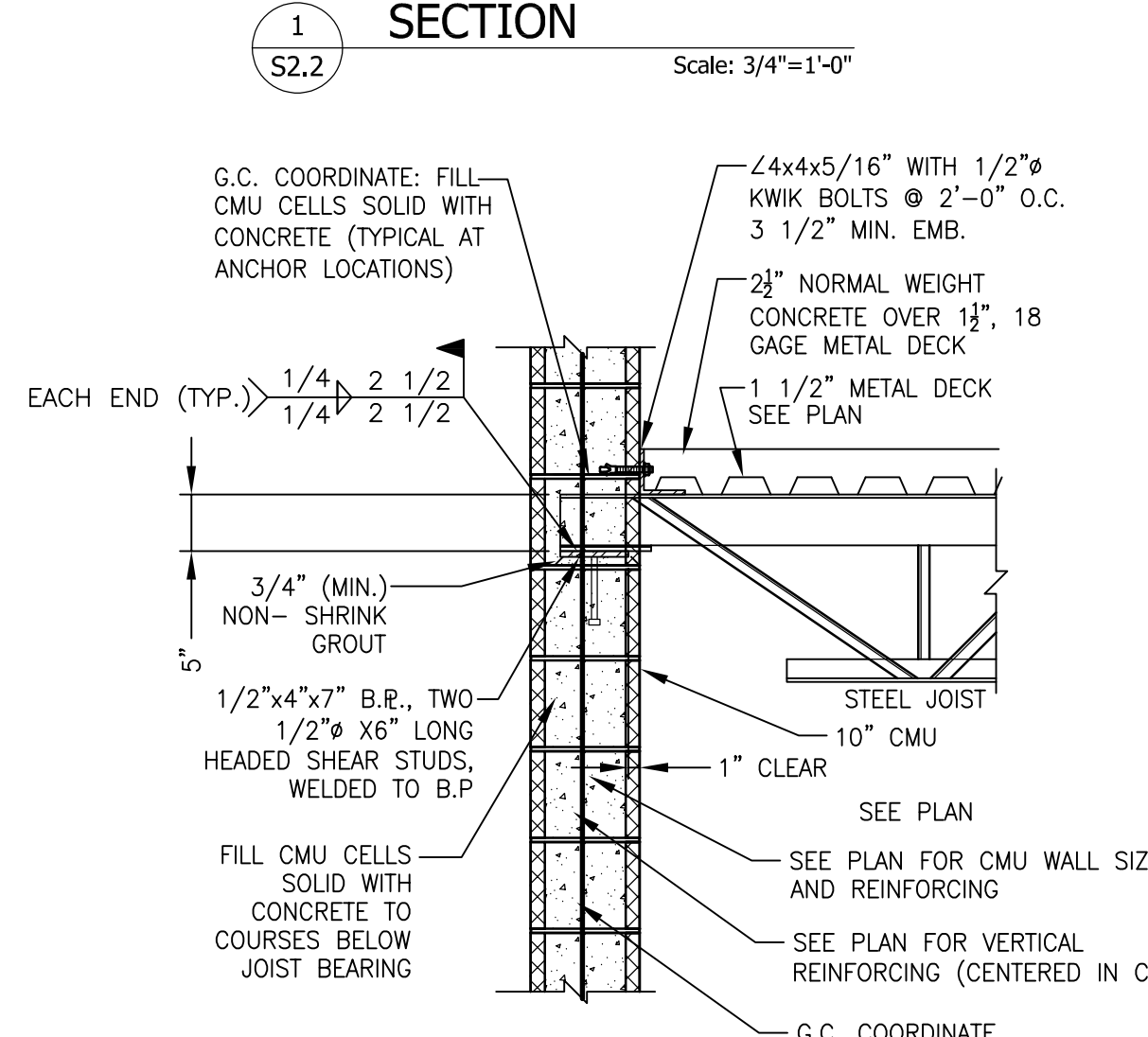
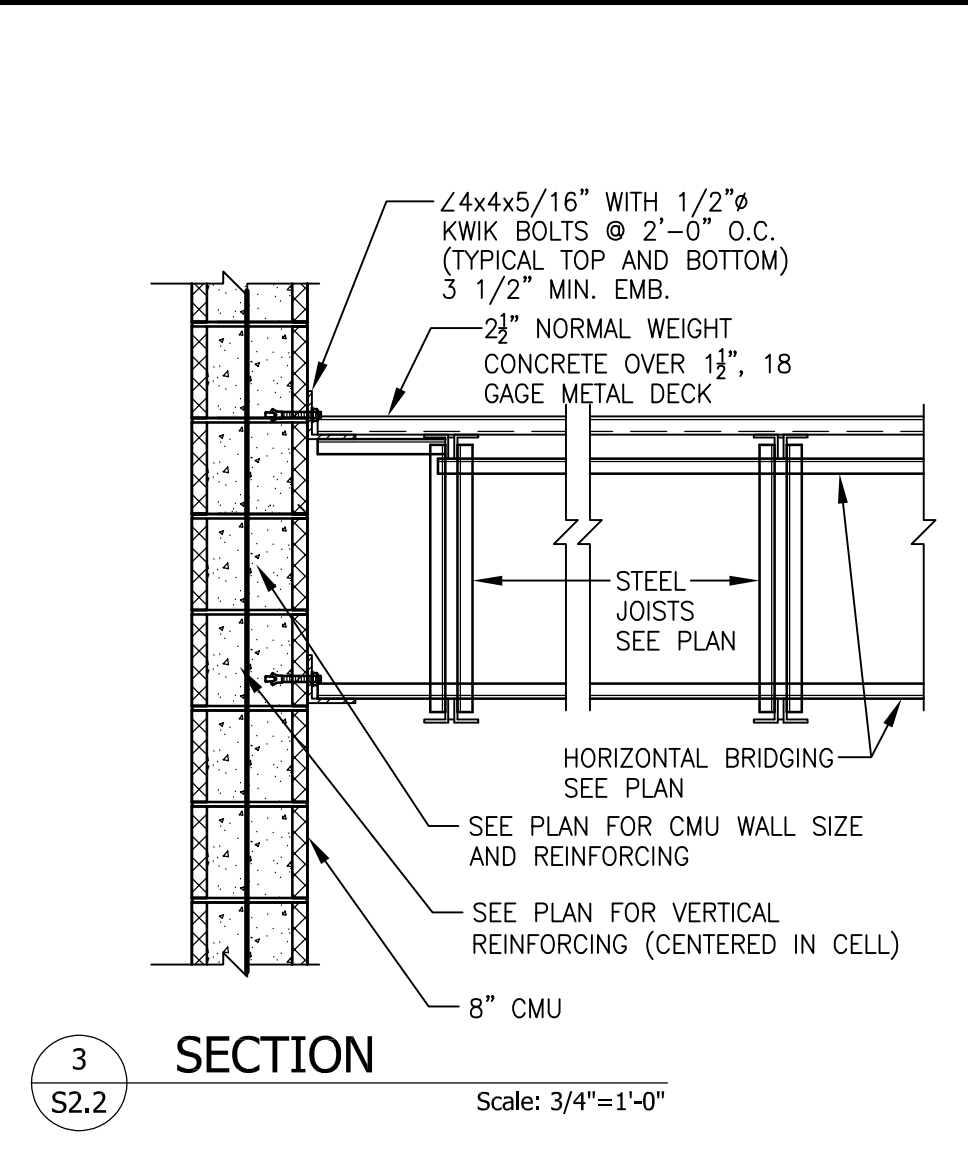
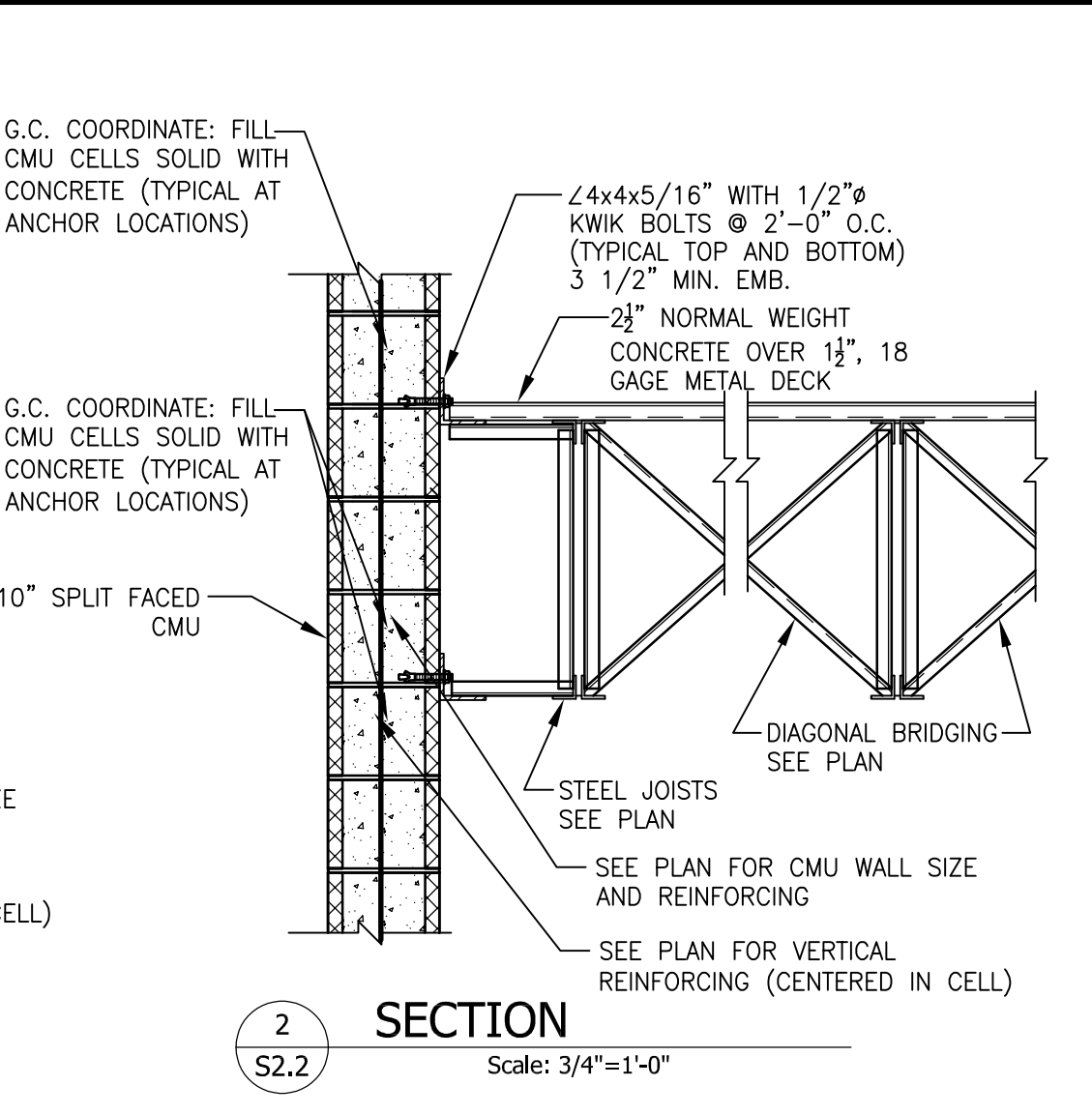
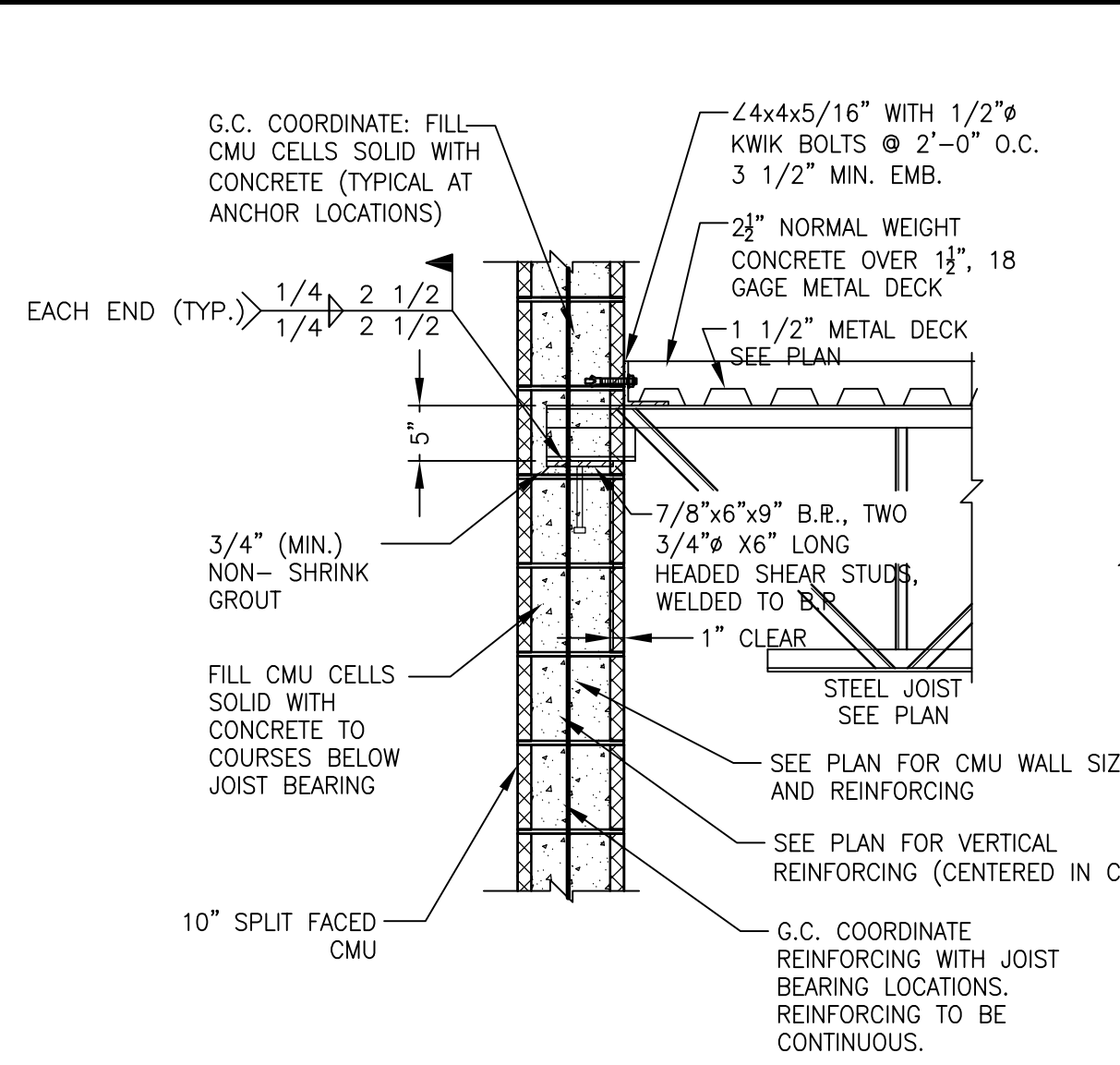
FOUNDATION DETAILS AND SECTIONS "PUBLIC WORKS FACILITY"

WYOMISSING BOROUGH
Location: JULY 13, 2023
Client: BERKS COUNTY, PENNSYLVANIA
Date:

DRAWN BY: AMK
PRINCIPAL: JCM
SCALE: AS NOTED

DRAWING NO. S2.1
PROJECT NO. 210004

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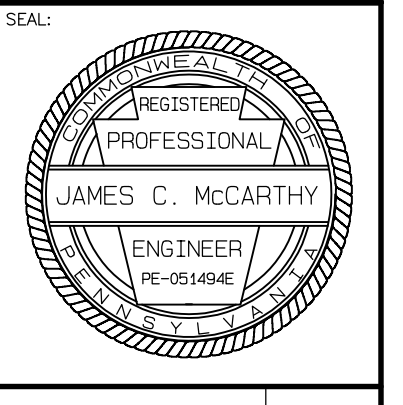


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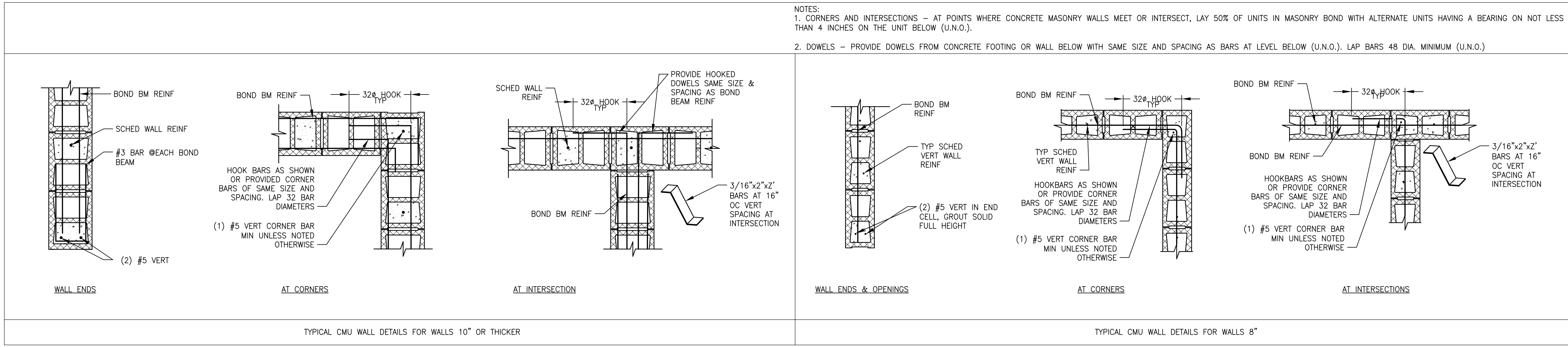
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OPEN WEB STEEL JOIST
DETAILS AND SECTIONS
"PUBLIC WORKS FACILITY"

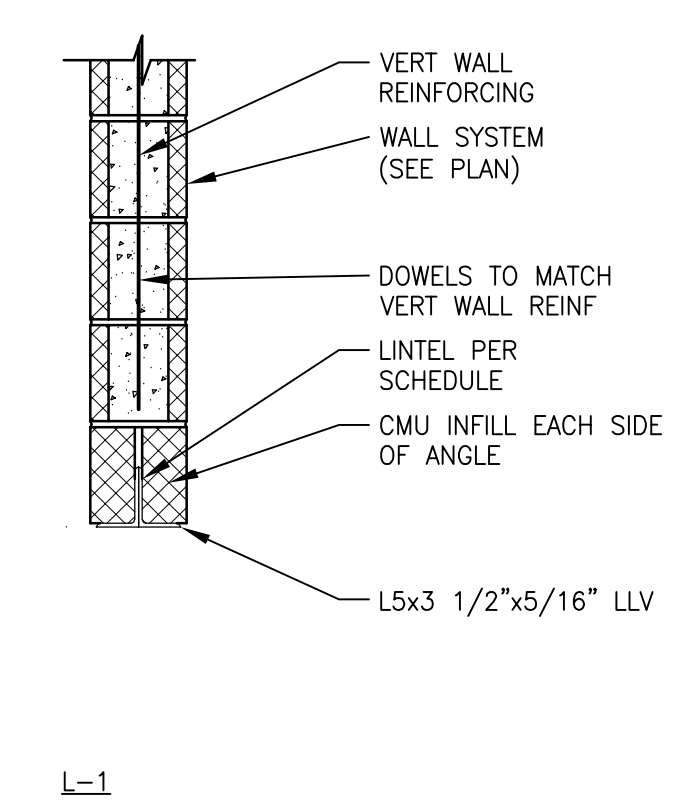
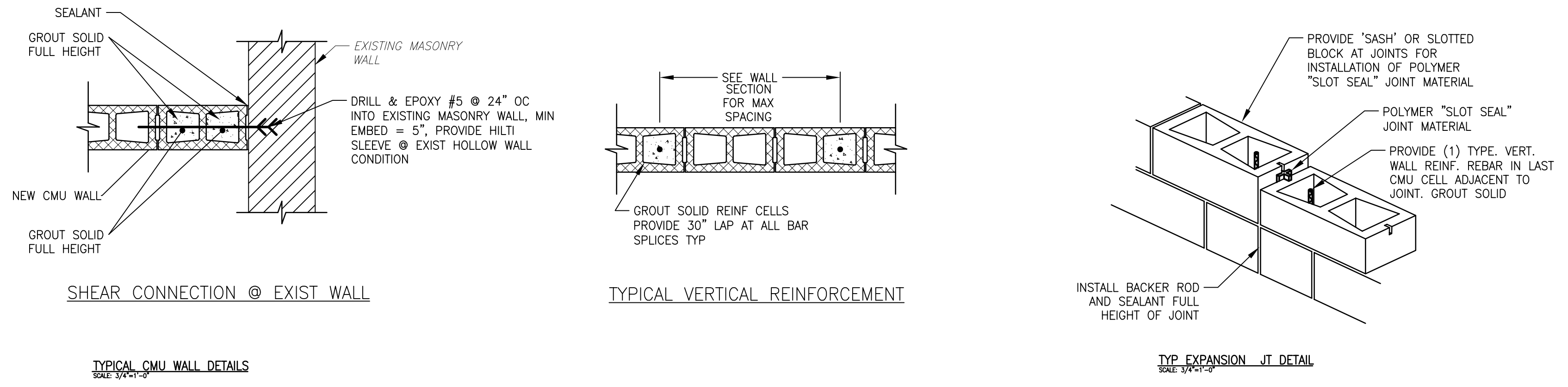
Client: WYOMISSING BOROUGH
Location: BERKS COUNTY, PENNSYLVANIA
Date: JULY 13, 2023

DRAWN BY:	PROJ. MANAGER:
AMK	JCM
PRINCIPAL:	SCALE:
JCM	AS NOTED
DRAWING NO.:	PROJECT NO.:
S2.2	210004



WALL THICKNESS	NON-LOADBEARING LOOSE LINTEL SCHEDULE		
	MASONRY OPENING		
	UP TO 4'-0"	UP TO 6'-4"	UP TO 8'-0"
3 5/8"	L5x3 1/2x5/16"	L5x3 1/2x5/16"	L5x3 1/2x3/8"
5 5/8"	(2) L3 1/2x2 1/2x5/16"	(2) L3 1/2x2 1/2x5/16"	(2) L3 1/2x2 1/2x3/8"
7 5/8"	(2) L4x3 1/2x5/16"	(2) L5x3 1/2x5/16"	(2) L5x3 1/2x3/8"
11 5/8"	(3) L4x3 1/2x5/16"	(3) L5x3 1/2x5/16"	W8x13 W/ 3/8"x11" R
11 5/8" ALTERNATE	3/8" PLATE ASSEMBLY	3/8" PLATE ASSEMBLY	3/8" PLATE ASSEMBLY

THE ABOVE SCHEDULE IS FOR NON-LOADBEARING MASONRY AND IS INTENDED FOR OPENINGS NOT SHOWN, BUT REQUIRING A LINTEL THE GENERAL CONTRACTOR SHALL PROVIDE STEEL LINTELS IN ALL OPENINGS IN MASONRY WALLS, INCLUDING THE FOLLOWING:
 -ABOVE ALL METAL FRAMES IN MASONRY WALLS (UNLESS NOTED ON THE DOOR SCHEDULE TO BE FRAMED WITH STUDS AND GYPSUM BOARD)
 -ABOVE ALL OPENINGS, PASSAGES, ROLL-UP OR OVERHEAD DOORS IN MASONRY WALLS
 -ABOVE ALL HEATING DUCTS PASSING THROUGH MASONRY WALLS
 -ABOVE ALL BUILT-IN ITEMS (SUCH AS CABINET HEATERS, CONVERTORS, LOUVERS, ACCESS PANELS, ETC.)
 -AT ALL LOCATIONS WHERE NOTED ON THE PLANS AND/OR WALL SECTIONS
 SIZES TO BE AS INDICATED IN THE SCHEDULE ABOVE, LENGTHS TO BE FULL OPENINGS AND A MINIMUM 8" BEARING AT EACH END.
 ALL EXPOSED TO WEATHER AND EXTERIOR WALL LINTELS TO BE GALVANIZED.



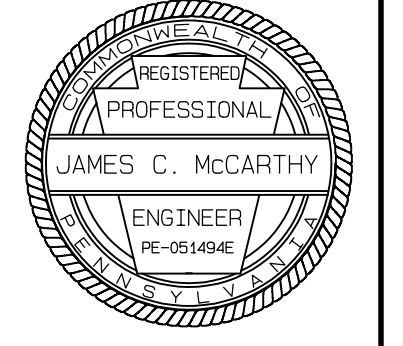
Revision	Date	Description

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CMU MASONRY
 DETAILS AND SECTIONS
 " PUBLIC WORKS FACILITY "

Client: WYOMISSING BOROUGH
 Location: JULY 19, 2023
 Date:

DRAWN BY: AMK	PROJ. MANAGER: JCM
PRINCIPAL: JCM	SCALE: AS NOTED
DRAWING NO. S2.3	
PROJECT NO. 210004	

Renovations and New Building for Public Works Facility

Borough of Wyomissing, Department of Public Works
4th & Oley Street, Wyomissing, Berks County, PA 19610

PROJECT INFORMATION

OWNER / CONTACT PERSON: JAMES V. BABB PHONE: (O) 610-376-7481
CODE ENFORCEMENT JURISDICTION: LOCAL STATE
LEAD DESIGN PROFESSIONAL:
DISCIPLINE: NAME: LICENSE #:
ARCHITECTURAL LEE C. OLSEN, AIA 0088452-X
CIVIL / SITE
LANDSCAPE
STRUCTURAL JAMES C MCCARTHY PE-051494E
MECHANICAL
ELECTRICAL
FIRE PROTECTION

DRAWING INDEX

DRAWING #	TITLE
A-0.0	TITLE SHEET
SITE :	
ARCHITECTURAL :	
D-1.0	EXISTING BUILDING DEMOLITION PLAN
A-1.0	EXISTING BUILDING FLOOR PLAN
A-1.1	NEW BUILDING FLOOR PLANS
A-3.0	NEW BUILDING ELEVATIONS
A-4.0	WALL SECTIONS & DETAILS
A-4.1	BUILDING SECTION
A-6.0	ENLARGED FLOOR PLANS, INTERIOR ELEVATIONS, DETAILS & GENERAL NOTES
A-6.1	INTERIOR ELEVATIONS, DETAILS & GENERAL NOTES
A-7.0	REFLECTED CEILING PLAN
A-8.0	DOOR SCHEDULE, DETAILS & GENERAL NOTES
A-9.0	ROOM FINISH SCHEDULE, PARTITION TYPES, DETAILS & GENERAL NOTES

DESIGN TEAM

ARCHITECT:
Olsen Design Group Architects

2345 Bernville Road
Reading, PA 19605
610-371-9606 (FAX) 610-371-9607

SITE / STRUCTURAL/MEP FP ENGINEER:
McCarthy Engineering Assoc.

1121 Snyder Road
West Lawn, PA 19609
610-373-8001 (FAX) 610-373-8077

ABBREVIATIONS

A		L	
@	AT	LAM.	LAMINATE
&	AND	LBL.	LABEL
A.B.	ANCHOR BOLT	LNTL.	LINTEL
A.F.F.	ABOVE FINISHED FLOOR	L.P.	LOW POINT
ALUM.	AIR INFILTRATION BARRIER	L.T.G.	
ANOD.	ANODIZE	M	
APPROX.	APPROXIMATE	MAS.	MASONRY
APV.D.	APPROVED	MAX.	MAXIMUM
A.T.C.	ACOUSTIC TILE CEILING	MECH.	MECHANICAL
B		M.G.S.	METAL GRAVEL STOP
BITUM.	BITUMINOUS	MR.	MANHOLE
BLDG.	BUILDING	MIN.	MINIMUM
BLKG.	BLOCKING	MISC.	MISCELLANEOUS
BM.	BEAM	MTD.	MOUNTED
B.M.	BENCH MARK	MTL.	METAL
B.O.	BOTTOM OF	N	
C		N.	NORTH
CAB.	CABINET	N.I.C.	NOT IN CONTRACT
C.B.	CATCH BASIN	NO.	NUMBER
C.D.	CEILING DIFFUSER	N.O.S.	NOT TO SCALE
CEM.	CEMENT	O	
C.FLSHG.	COUNTER FLASHING	O.C.	ON CENTER
C.G.	CORNER GUARD	O.D.	OUTSIDE DIAMETER
C.H.	CEILING HEIGHT	O.H.	OPPOSITE HAND
C.J.	CONTROL JOINT	OPP.	OPPOSITE
C.L.	CENTER LINE	OPNG.	OPENING
CLG.	CEILING	P	
CLR.	CLEAR	P.I.P.	POURED IN PLACE
COL.	COLUMN	P.LAM.	PLASTIC LAMINATE
CPT.	CARPET	PLUMB.	PLUMBING
CONC.	CONCRETE	PNL.	PANEL
CONT.	CONTINUOUS	PR.	PAIR
CRNR.	CORNER	PRCST.	PRECAST
C.T.	CERAMIC TILE	PROJ.	PROJECT
C.W.	CURTAIN WALL	P.T.	PRESSURE TREATED
D		PTD.	PAINTED
D.	DEPTH	Q	
DBL.	DOUBLE	Q.C.	QUALITY CONTROL
DET.	DETAIL	QTY.	QUANTITY
DIA.	DIAMETER	R	
DIM.	DIMENSION	R.	RISER
DIV.	DIVISION	RAD.	RADIUS
DR.	DOOR	R.C.P.	REFLECTED CEILING PLAN
DWG.	DRAWING	RCPT.	RECEPTACLE
E		R.D.	ROOF DRAIN
E.C.	ELECTRICAL CONTRACTOR	REF.	REFERENCE
E.FLSH.	ELASTOMERIC FLASHING	REINF.	REINFORCE
E.J.	EXPANSION JOINT	REMOVABLE	REMOVABLE
EL.	ELEVATION	REQ.	REQUIRE
ELEC.	ELECTRIC	RESIL.	RESILIENT
EQ.	EQUAL	REV.	REVISION
E.QIP.	EQUIPMENT	RFG.	ROOFING
E.S.	EXPOSED STRUCTURE	R.O.	ROUGH OPENING
E.W.	EACH WAY	R.W.C.	RAIN WATER CONDUCTOR
E.W.C.	ELECTRIC WATER COOLER	S	
EXH.	EXHAUST	S.	SOUTH
EXIST.	EXISTING	SCHED.	SCHEDULE
EXT.	EXTERIOR	S.F.	SQUARE FOOT
F		S.H.	SOFFIT HEIGHT
F.A.	FIRE ALARM	SIM.	SIMILAR
F.D.	FLOOR DRAIN	SPECS.	SPECIFICATIONS
F.E.	FIRE EXTINGUISHER	SQ.	SQUARE
F.F.	FINISHED FLOOR	S.S.	STAINLESS STEEL
F.H.C.	FIRE HOSE CABINET	STL.	STEEL
FIN.	FINISH	S.V.T.	SOLID VINYL TILE
FLSH.	FLASHING	STN.	STONE
F.O.	FACE OF	STOR.	STORAGE
FT.	FOOT	STRUCT.	STRUCTURE
G		S.W.C.	SHEET WALL COVERING
GALV.	GALVANIZED	T	
G.C.	GENERAL CONTRACTOR	TEL.	TELEPHONE
GL.	GLASS	TEMP.	TEMPORARY
GLZD.	GLAZED	T.O.S.	TOP OF STEEL
GRD.	GROUND	TYP.	TYPICAL
G.W.B.	GYPSPUM WALL BOARD	U	
H		U.O.N.	UNLESS OTHERWISE NOTED
H.	HIGH	V	
HDW.	HARDWARE	V.B.	VAPOR BARRIER
H.M.	HOLLOW METAL	V.C.T.	VINYL COMPOSITION TILE
HORIZ.	HORIZONTAL	VERT.	VERTICAL
H.P.	HIGH POINT	VEST.	VESTIBULE
HT.	HEIGHT	VIN.	VINYL
I		V.I.F.	VERIFY IN FIELD
I.D.	INSIDE DIAMETER	W	
I.M.P.	INSULATED METAL PANEL	W.	WIDE or WEST
ILLUM.	ILLUMINATED	W.BLKG.	WOOD BLOCKING
INCAND.	INCANDESCENT	WD.	WOOD
INFO.	INFORMATION	WK.	WORK
INSUL.	INSULATED	W.	WITH
INT.	INTERIOR	W/O	WITHOUT
J		W.O.	WINDOW OPENING
JT.	JOINT	WP.	WATERPROOF
		W.R.	WATER RESISTANT
		WTHR.	WEATHERPROOF

EXISTING BUILDING CODE REVIEW

REFERENCE CODE:
2018 INTERNATIONAL EXISTING BUILDING CODE, 2018 PA UCC
2018 INTERNATIONAL BUILDING CODE, CHAPTER 11, ACCESSIBILITY
 NEW CONSTRUCTION RENOVATIONS TO EXISTING BUILDING ADDITION(S) ALTERATION(S)
PROPOSED USE: BUSINESS GROUP B / STORAGE GROUP S-1

BUILDING DATA:
CONSTRUCTION TYPE: II - B
BUILDING HEIGHT AND AREA
MAX. HEIGHT: 55' / (2) STORIES (TABLE 504.3 & TABLE 504.4)
MAX. AREA: S-1 = 17,500 (NS) (TABLE 506.2)
ALLOWABLE INCREASE: 30,625 (SECTION 506.3.3)

AREA SUMMARY:

FLOOR	NUMBER OF STORIES / SQ. FT. (1) ONE / 8,750	PROJECT SQ. FT.	PERCENT (%) OF FLOOR AFFECTED
MAIN LEVEL OFFICE	8,750 SQ. FT.	1,080 SQ. FT.	12%
MAIN LEVEL GARAGE	NO WORK	NO WORK	NO WORK

OCCUPANCY DATA:
MAIN LEVEL OFFICE (BUSINESS) 1080 x 150 = 8
GARAGE - NO WORK/NO CHANGE
8 OCCUPANTS

REQUIRED EGRESS:
MAIN LEVEL:
8 OCCUPANTS (0.2 INCHES) = 32" REQ'D / 34" PROVIDED

NEW BUILDING CODE REVIEW

REFERENCE CODE:
2018 INTERNATIONAL BUILDING CODE, 2018 PA UCC
2018 INTERNATIONAL BUILDING CODE, CHAPTER 11, ACCESSIBILITY
 NEW CONSTRUCTION RENOVATIONS TO EXISTING BUILDING ADDITION(S) ALTERATION(S)
PROPOSED USE: BUSINESS GROUP B / STORAGE GROUP S-1

BUILDING DATA:
CONSTRUCTION TYPE: II - B
BUILDING HEIGHT AND AREA
MAX. HEIGHT: 75' / (3) STORIES (TABLE 504.3 & TABLE 504.4)
MAX. AREA: B = 23,000 (NS) / S-1 = 52,000 (SM) (TABLE 506.2)
ALLOWABLE INCREASE: N/A

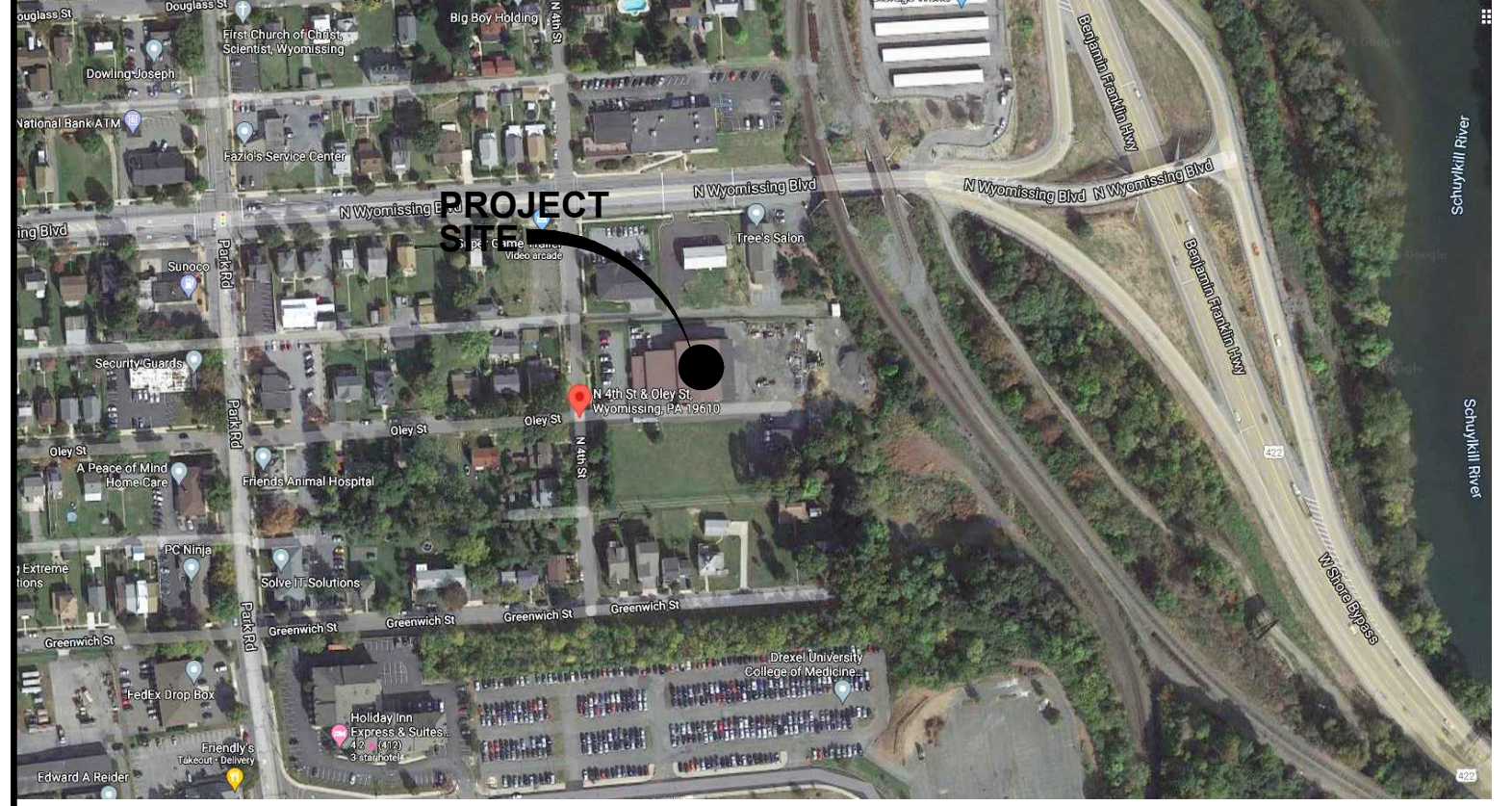
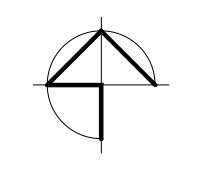
AREA SUMMARY:

FLOOR	NUMBER OF STORIES/SQ. FT. : 1 / 8,750	OVERALL FLOOR SQ. FT.	PROJECT SQ. FT.	PERCENT (%) OF FLOOR AFFECTED
MAIN LEVEL	8,750 SQ. FT.	8,750 SQ. FT.	100%	
MEZZANINE LEVEL	3,000 SQ. FT.	3,000 SQ. FT.	100%	

OCCUPANCY DATA:
MAIN LEVEL OFFICE (BUSINESS) 3,500 x 150 = 24
GARAGE & WASH BAY (S-1) 5,250 x 300 = 18
42 OCCUPANTS

REQUIRED EGRESS:
MAIN LEVEL:
42 OCCUPANTS (0.2 INCHES) = 32" REQ'D / 180" PROVIDED

SITE LOCATION PLAN



CONTACT PERSON(S)

Lee C. Olsen, AIA, NCARB, Principal - In - Charge

Olsen Design Group Architects
2345 Bernville Road
Reading, Pennsylvania 19605
PHONE : 610 - 371 - 9606
FAX : 610 - 371 - 9607
E-Mail: lolson@odgarchitects.com

ISSUE DATES

90% REVIEW BY OWNER :
FINAL REVIEW BY OWNER :
ISSUED FOR BIDDING : 7/19/23
ISSUED FOR ACCESSIBILITY PLAN REVIEW :
ISSUED FOR CODE REVIEW :
ISSUED FOR PERMITS :
ISSUED FOR CONSTRUCTION :

FIRE RESISTANCE RATING (HOURS)

BUILDING ELEMENT	RATING	REFERENCE CODE SECTION/EXCEPTIONS	FIRE SEPARATION DISTANCE (FEET)
STRUCTURAL FRAME, COLUMNS, GIRDERS, & TRUSSES	0	TABLE 601	--
BEARING WALLS			
EXTERIOR	0	TABLE 601	--
INTERIOR	0	TABLE 601	--
NONBEARING WALLS & PARTITIONS			
EXTERIOR	0	TABLE 602	X >= 30'
INTERIOR	0	TABLE 601	--
FLR. CONST. SUPPORT BEAMS, & JOISTS	0	TABLE 601	--
ROOF CONST. SUPPORT BEAMS, & JOISTS	0	TABLE 601	--
SHAFT - EXIST	N/A	--	--
SHAFT - OTHER	N/A	SECTION 713.4	--
CORRIDOR SEPARATION	0	TABLE 1020.1	CORRIDOR LOAD LESS THAN 30
OCCUPANCY GROUP SEPARATION	0	TABLE 508.4	w/ SPRINKLERS
PARTY / FIREWALL SEPARATION	N/A	--	--
SMOKE BARRIER SEPARATION	1	SECTION 709.3	--
TENANT SEPARATION	N/A	--	--

FIRE RESISTANCE RATING (HOURS)

BUILDING ELEMENT	RATING	REFERENCE CODE SECTION/EXCEPTIONS	FIRE SEPARATION DISTANCE (FEET)
STRUCTURAL FRAME, COLUMNS, GIRDERS, & TRUSSES	0	TABLE 601	--
BEARING WALLS			
EXTERIOR	0	TABLE 601	--
INTERIOR	0	TABLE 601	--
NONBEARING WALLS & PARTITIONS			
EXTERIOR	0	TABLE 602	X >= 30'
INTERIOR	0	TABLE 601	--
FLR. CONST. SUPPORT BEAMS, & JOISTS	0	TABLE 601	--
ROOF CONST. SUPPORT BEAMS, & JOISTS	0	TABLE 601	--
SHAFT - EXIST	N/A	--	--
SHAFT - OTHER	1	SECTION 713.4	--
CORRIDOR SEPARATION	0	TABLE 1020.1	CORRIDOR LOAD LESS THAN 30
OCCUPANCY GROUP SEPARATION	0	TABLE 508.4	w/ SPRINKLERS
PARTY / FIREWALL SEPARATION	N/A	--	--
SMOKE BARRIER SEPARATION	1	SECTION 709.3	--
TENANT SEPARATION	N/A	--	--

LIFE SAFETY SYSTEM REQUIREMENTS:

SPRINKLERS: NO YES HAS BEEN PROVIDED SECTION 903.1
PORTABLE FIRE EXTINGUISHERS NO YES HAS BEEN PROVIDED SECTION 906.1
FIRE ALARM: NO YES HAS BEEN PROVIDED SECTION 907.2.1
SMOKE DETECTION SYSTEM: NO YES HAS BEEN PROVIDED SECTION 907.2.8.2
EMERGENCY LIGHTING: NO YES HAS BEEN PROVIDED SECTION 1008.1
AREA OF REFUGE: NO YES HAS BEEN PROVIDED
PANIC HARDWARE: NO YES HAS BEEN PROVIDED SECTION 1010.1.10

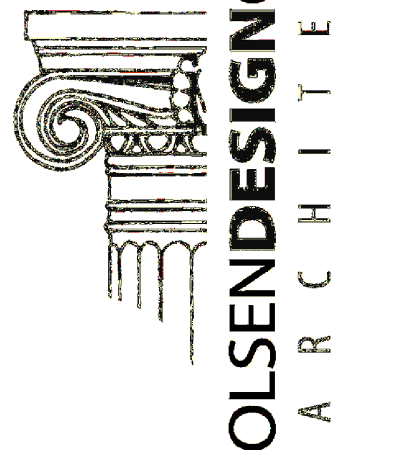
LIFE SAFETY SYSTEM REQUIREMENTS:

SPRINKLERS: NO YES HAS BEEN PROVIDED SECTION 903.1
PORTABLE FIRE EXTINGUISHERS NO YES HAS BEEN PROVIDED SECTION 906.1
FIRE ALARM: NO YES HAS BEEN PROVIDED SECTION 907.2.1
SMOKE DETECTION SYSTEM: NO YES HAS BEEN PROVIDED SECTION 907.2.8.2
EMERGENCY LIGHTING: NO YES HAS BEEN PROVIDED SECTION 1008.1
AREA OF REFUGE: NO YES HAS BEEN PROVIDED
PANIC HARDWARE: NO YES HAS BEEN PROVIDED SECTION 1010.1.10

ELEVATOR EXCEPTIONS, SECTION 1104.4



23718
Public Works Facility
Borough of Wyomissing, Dept. of Public Works

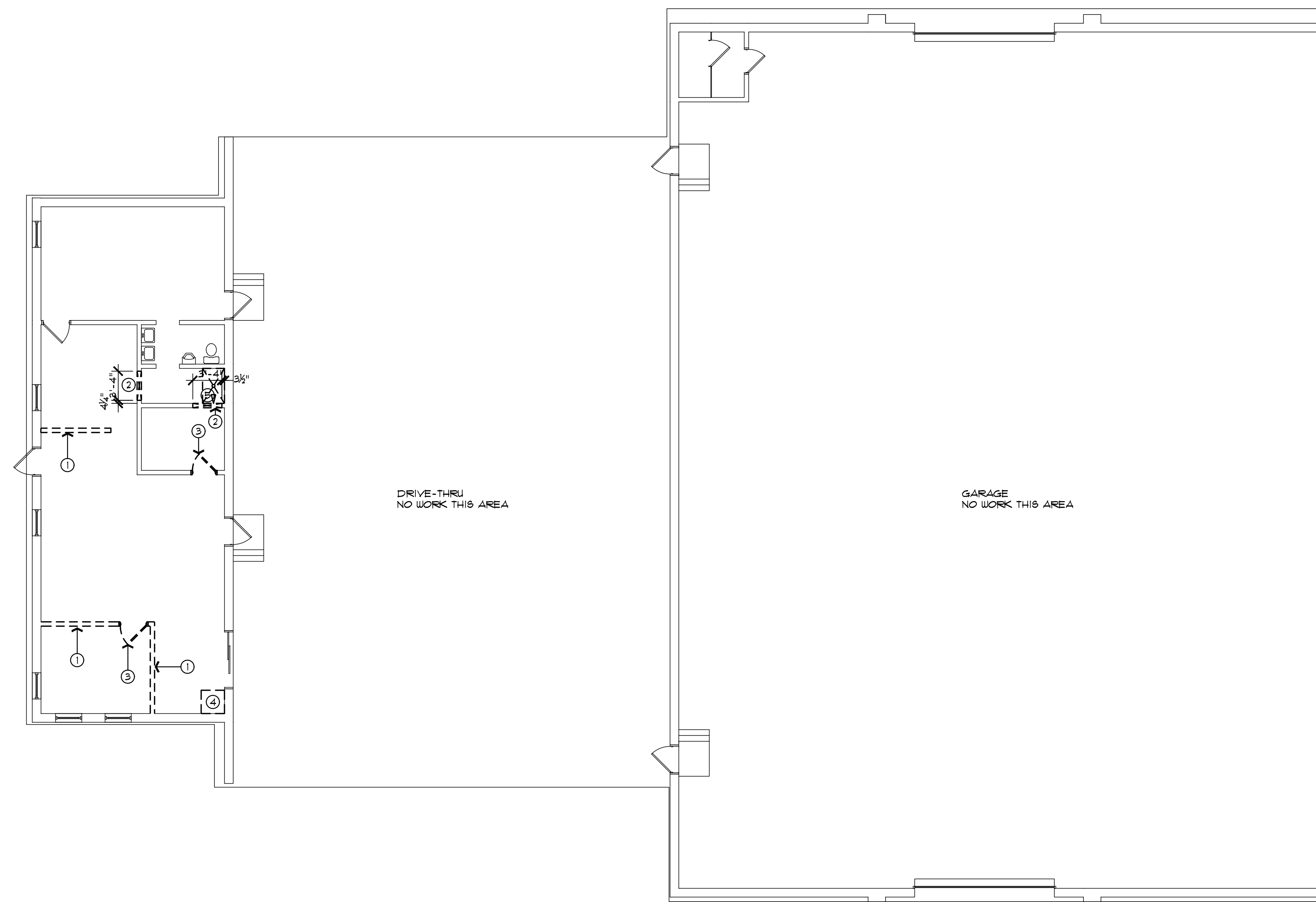


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DEMOLITION NOTES:

1. REMOVE EXISTING WALL IN ITS ENTIRETY
2. REMOVE EXISTING WALL AS SHOWN, OPENING SIZE TO ACCOMMODATE NEW DOOR. SEE A-102 FOR DOOR SIZE.
3. REMOVE EXISTING DOOR AND FRAME
4. REMOVE EXISTING MOP SINK, CAP UTILITIES. SALVAGE FOR REUSE
5. REMOVE EXISTING SHOWER, CAP UTILITIES.



Renovations and New Buildings for

Public Works Facility

Borough of Wyomissing, Department of Public Works
4th and Oley Street
Wyomissing, PA 19610

7/19/23	ISSUED FOR BID				
△	Date	Activities	Dwg By	Chk By	

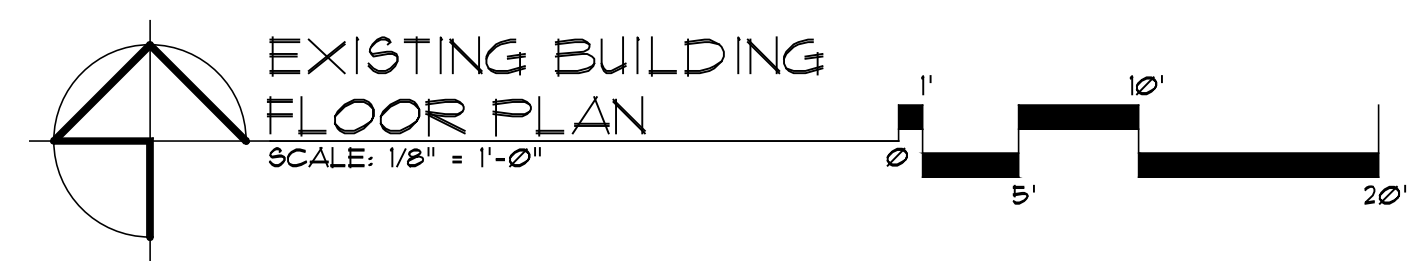
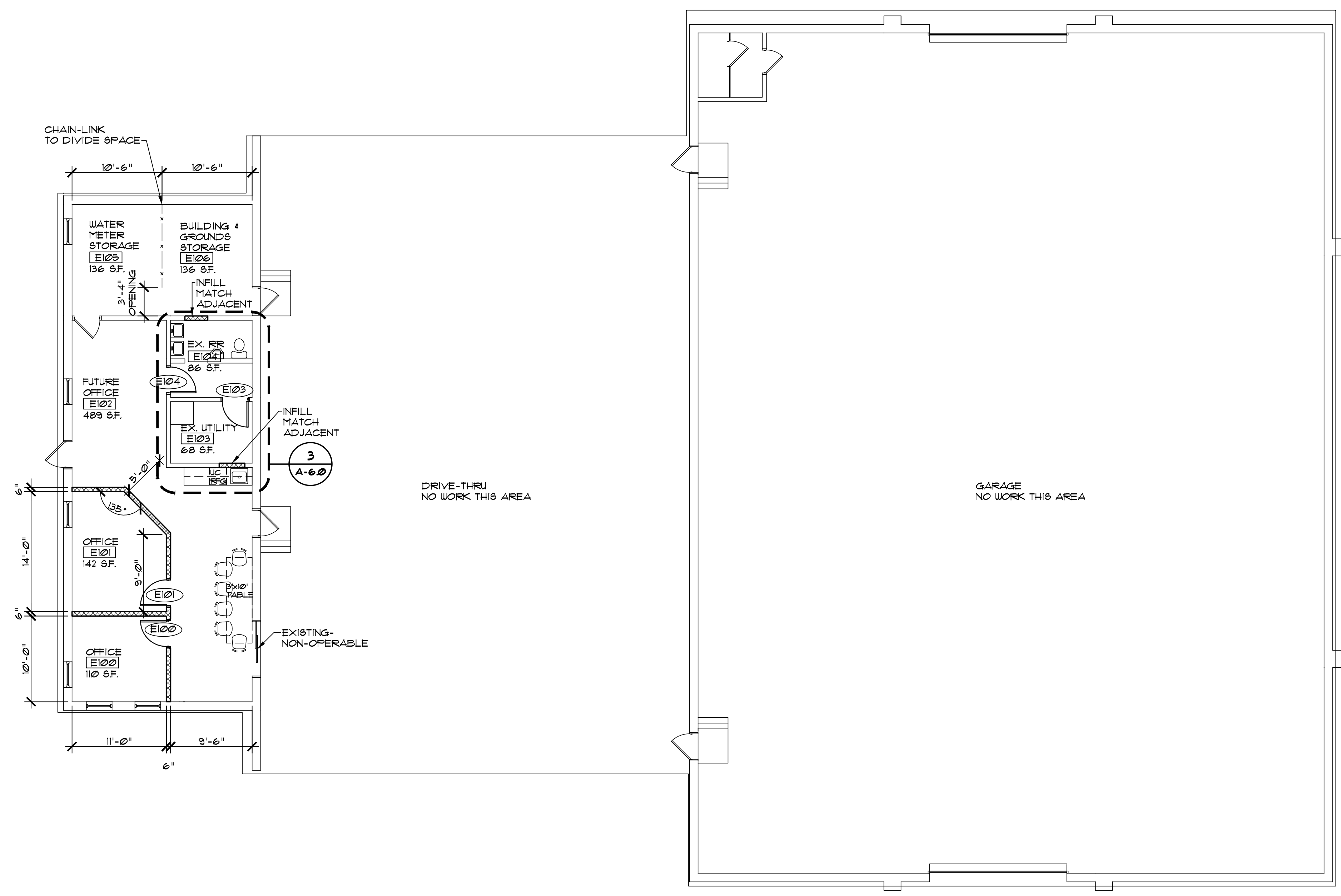
Revisions:

Drawing Title:
EXISTING BUILDING
DEMOLITION PLAN

Project No: 23718	Scale: AS NOTED
Drawn By: CAR	Contract Date:
Checked By: LCO	Last Update: 7/14/23

Seal: Drawing No:

D-1.0



Renovations and New Buildings for
Public Works Facility
Borough of Wyomissing, Department of Public Works
4th and Oley Street
Wyomissing, PA 19610

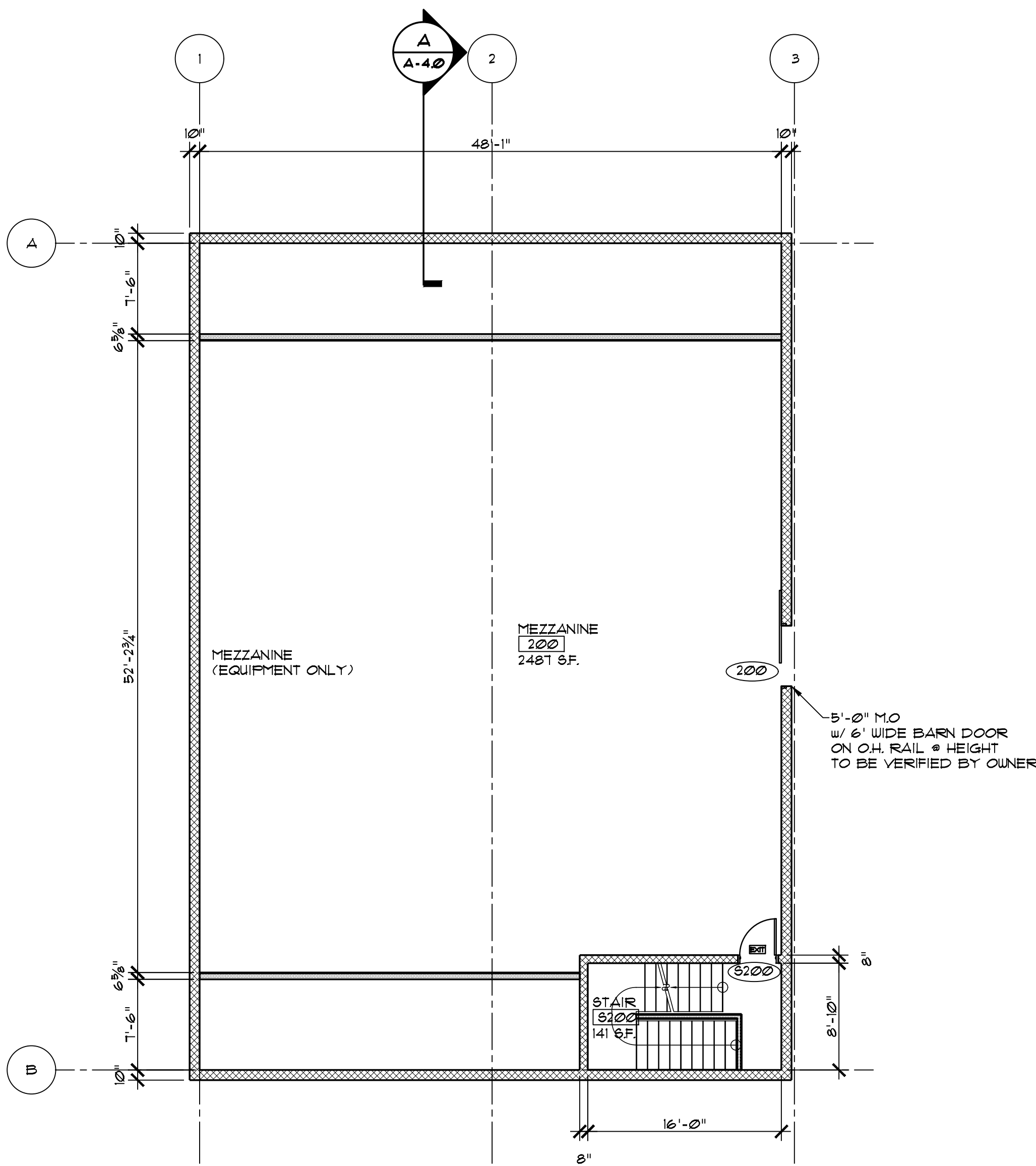
7/19/23	ISSUED FOR BID			
△ Date	Activities	Dwg By	Chk By	

Revisions:

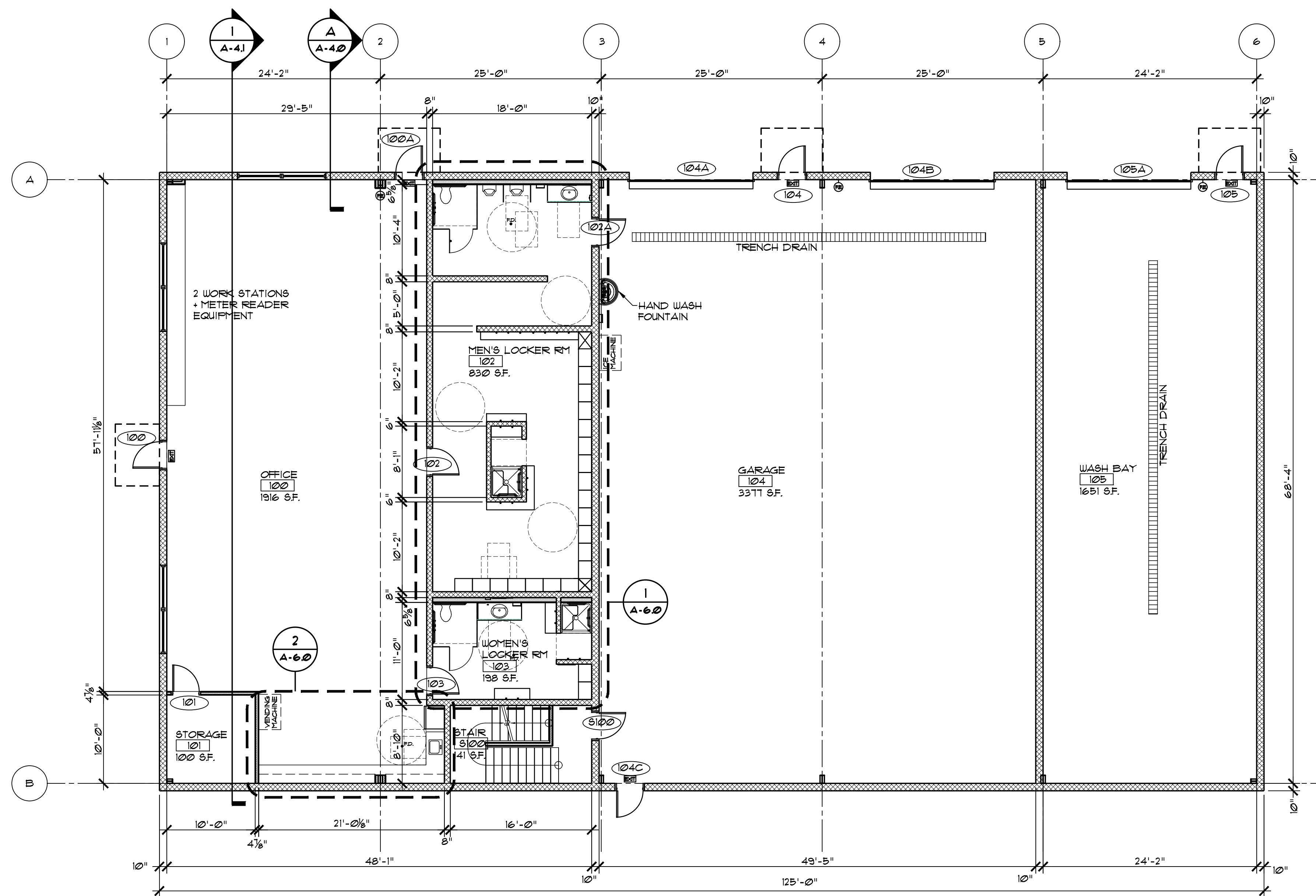
Drawing Title:
EXISTING BUILDING
FLOOR PLAN

Project No:	Scale:
23718	1/8" = 1'-0"
Drawn By: CAR	Contract Date:
Checked By: LCO	Last Update: 7/14/23

Seal: Drawing No:
A-1.0

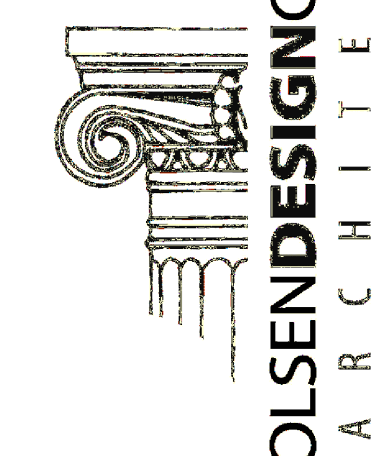


MEZZANINE PLAN
SCALE: 1/8" = 1'-0"



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

SUSTAINABLE
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Renovations and New Buildings for

Public Works Facility

Borough of Wyomissing, Department of Public Works
4th and Oley Street
Wyomissing, PA 19610

7/19/23 ISSUED FOR BID

△	Date	Activities	Dwg By	Chk By

Revisions:

Drawing Title:
NEW BUILDING
FLOOR PLAN

Project No: 23718	Scale: 1/8" = 1'-0"
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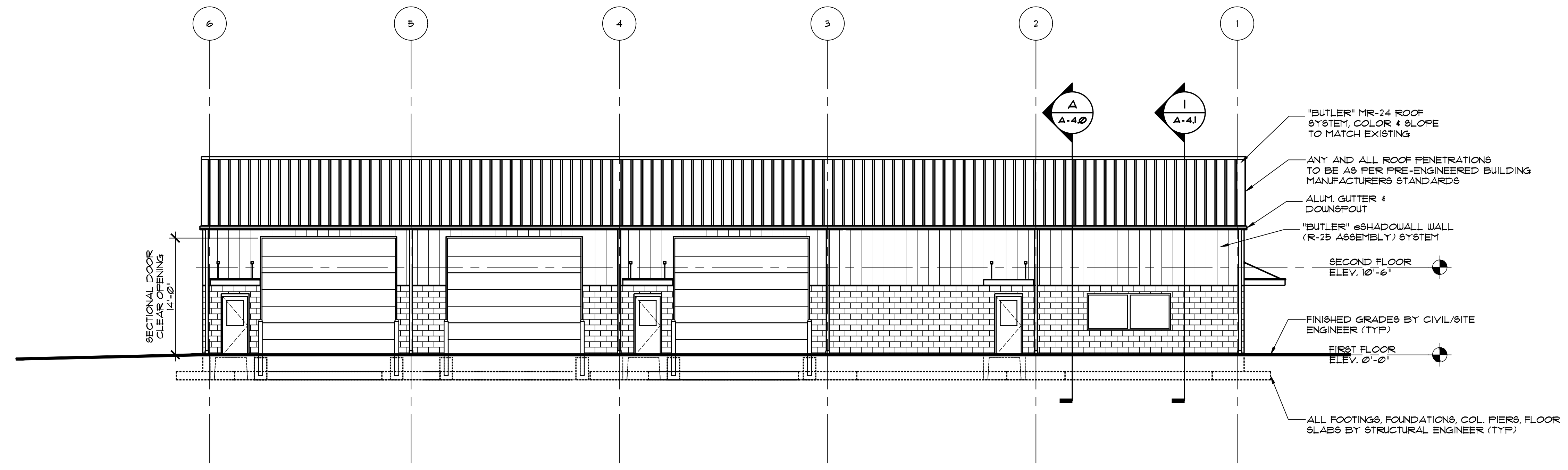
Drawn By: CAR	Contract Date:
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Checked By: LCO	Last Update: 7/6/23
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Seal:	Drawing No:
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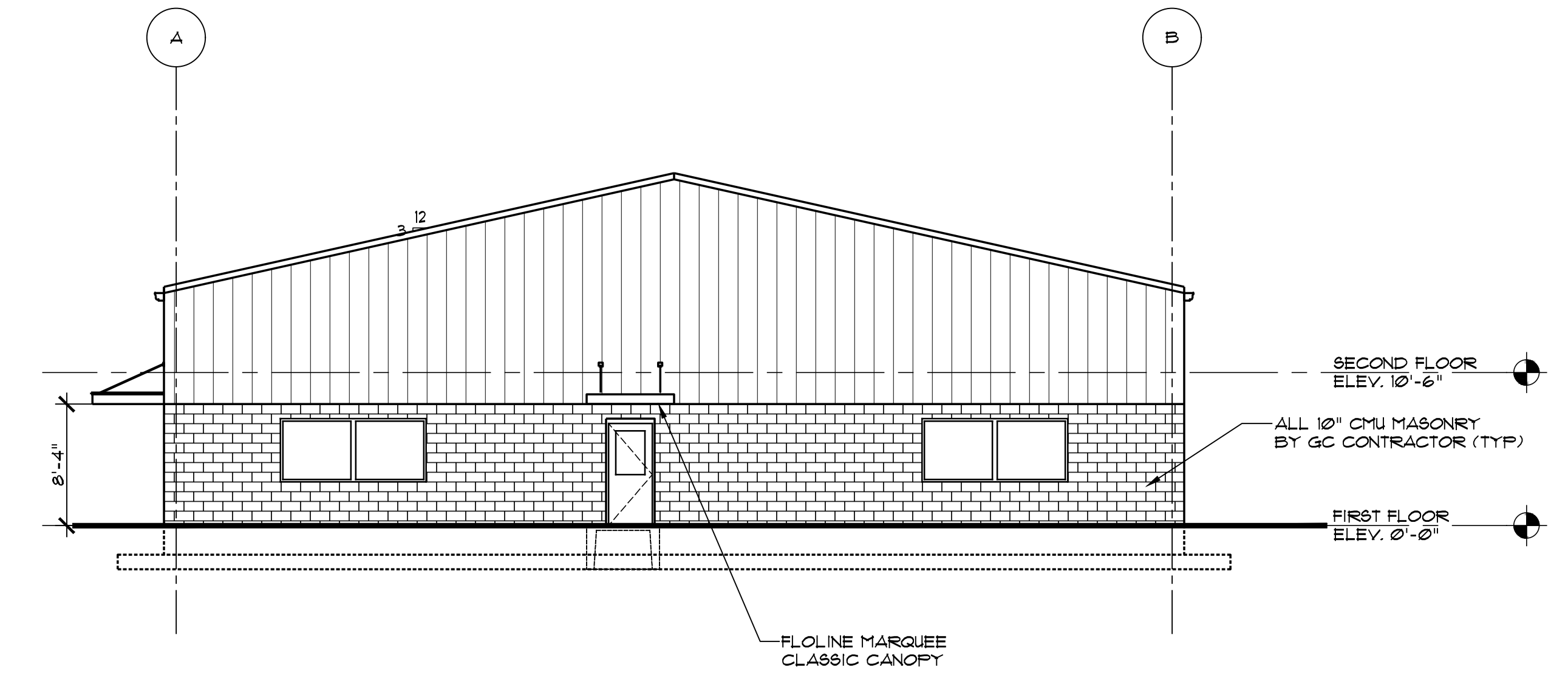
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Renovations and New Buildings for
Public Works Facility
Borough of Wyomissing, Department of Public Works
4th and Oley Street
Wyomissing, PA 19610

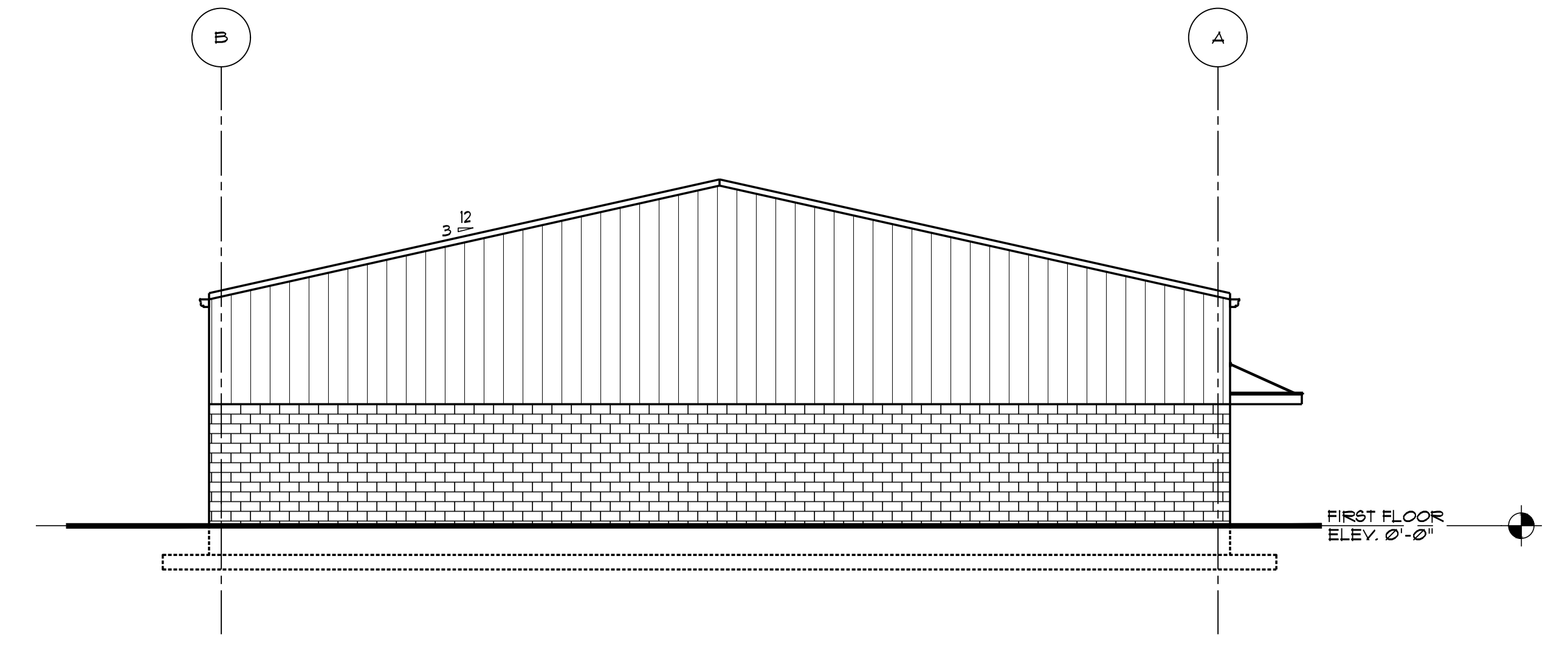


A NORTH ELEVATION
A-3.0 SCALE: 1/8" = 1'-0"

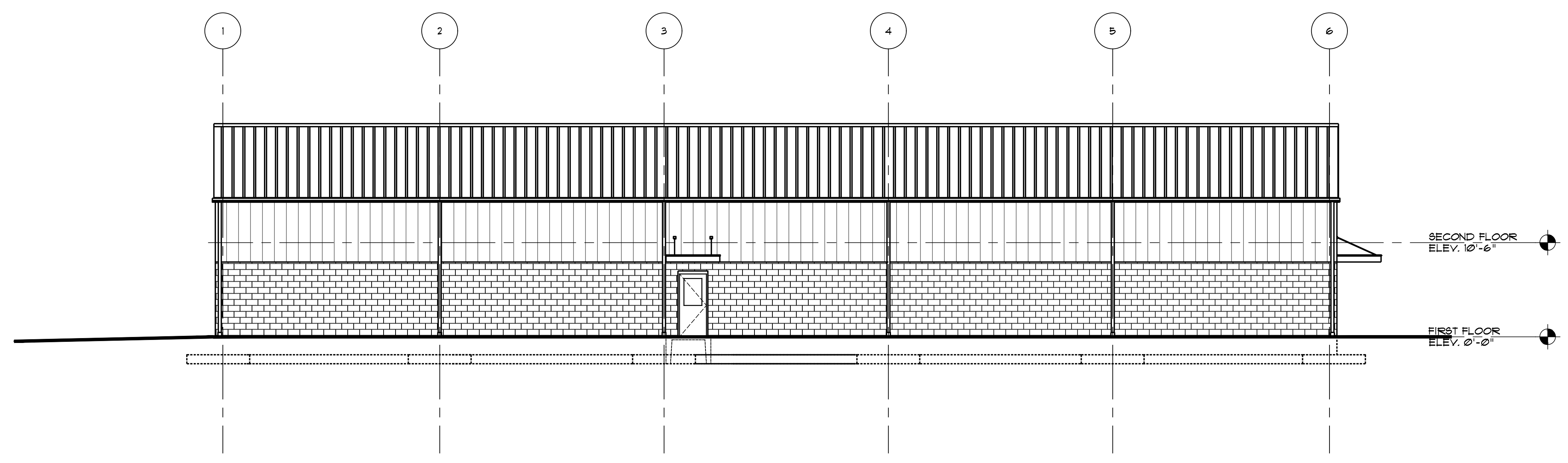
NOTE:
ALL WINDOWS, DOOR FLASHING AND TRIM BY
FIRE-ENGINEERED BUILDING MANUF. SUPPLIER (TYP.)



B WEST ELEVATION
A-3.0 SCALE: 1/8" = 1'-0"



C EAST ELEVATION
A-3.0 SCALE: 1/8" = 1'-0"



D SOUTH ELEVATION
A-3.0 SCALE: 1/8" = 1'-0"

1/19/23	ISSUED FOR BID		
Date	Activities	Dwg By	Chk By

Revisions:

Drawing Title:
NEW BUILDING ELEVATIONS

Project No: 2318
Scale: 1/8" = 1'-0"

Drawn By: CAR Contract Date:
Checked By: LCO Last Update: 7/6/23

Seal: Drawing No:

A-3.0

Renovations and New Buildings for
Public Works Facility
Borough of Wyomissing, Department of Public Works
4th and Oley Street
Wyomissing, PA 19610

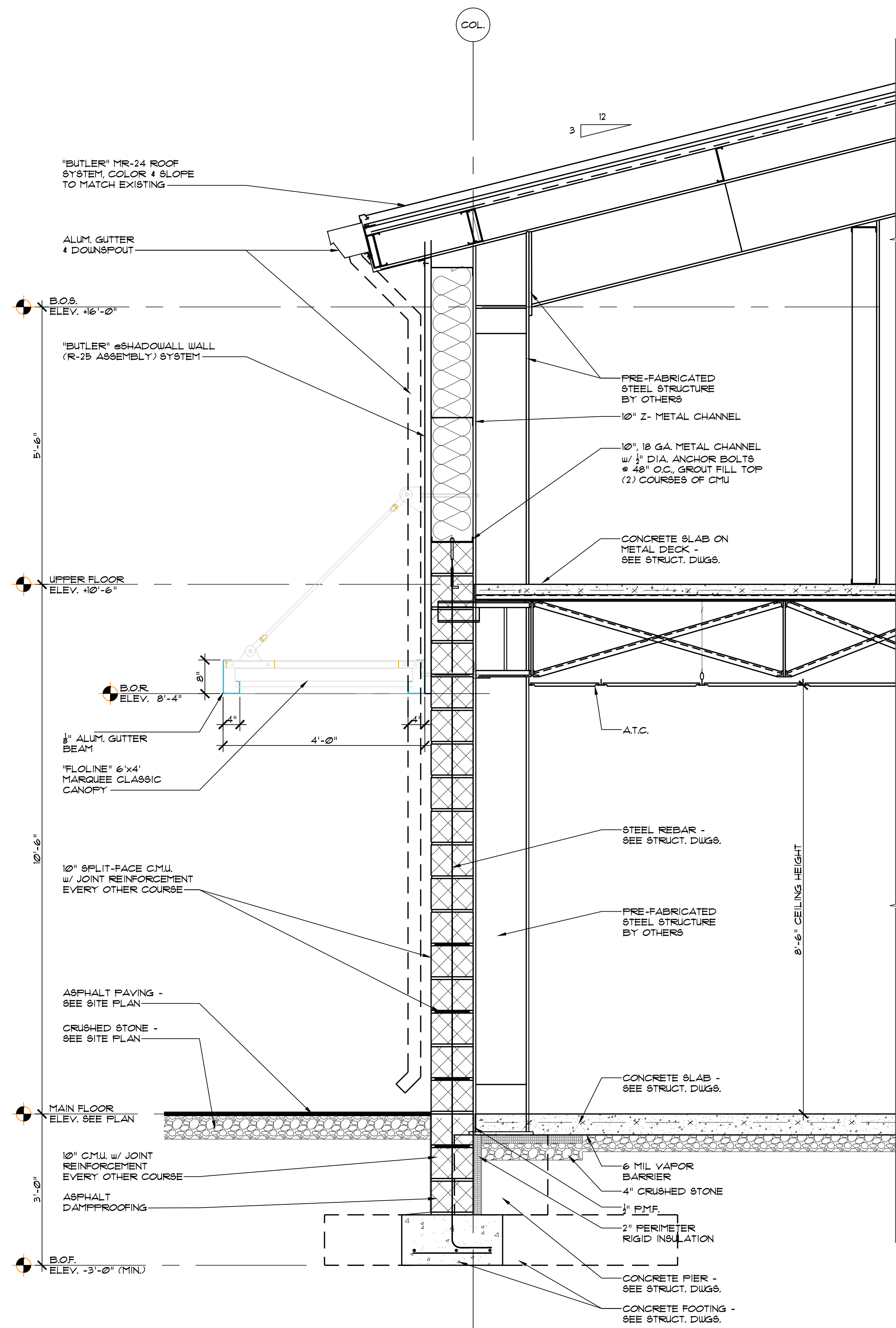
7/19/23	ISSUED FOR BID			
Date	Activities	Dwg By	Chk By	

Revisions:

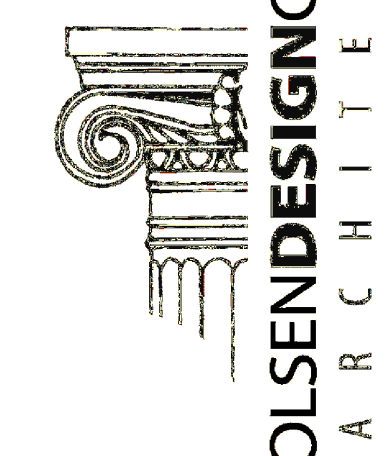
Drawing Title:
WALL SECTIONS
& DETAILS

Project No: 23718	Scale: AS NOTED
Drawn By: SWU	Contract Date:
Checked By: LCO	Last Update: 7/6/23
Seal:	Drawing No:

A-4.0



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



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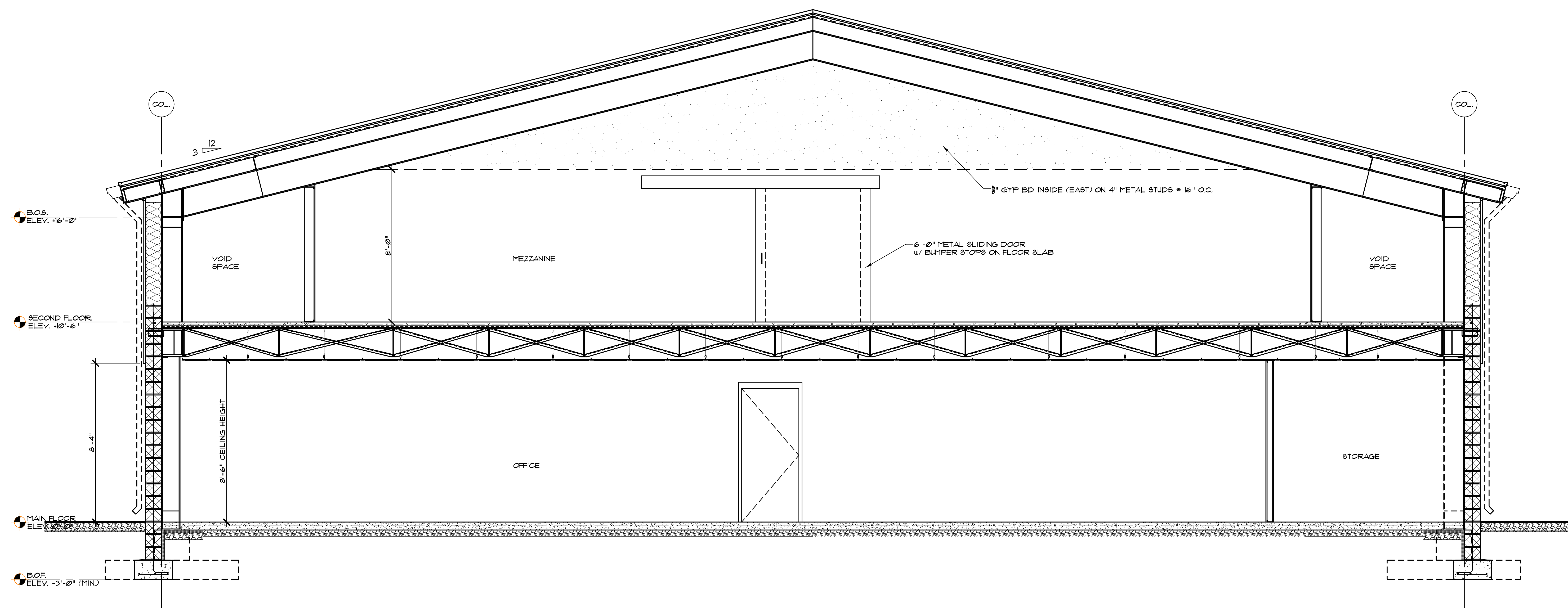
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Renovations and New Buildings for

Public Works Facility

Borough of Wyomissing, Department of Public Works
4th and Oley Street
Wyomissing, PA 19610



1 BUILDING SECTION
A-4.1 SCALE: 3/8" = 1'-0"

1/19/23	ISSUED FOR BID		
△	Date	Activities	Dwg By Chk By

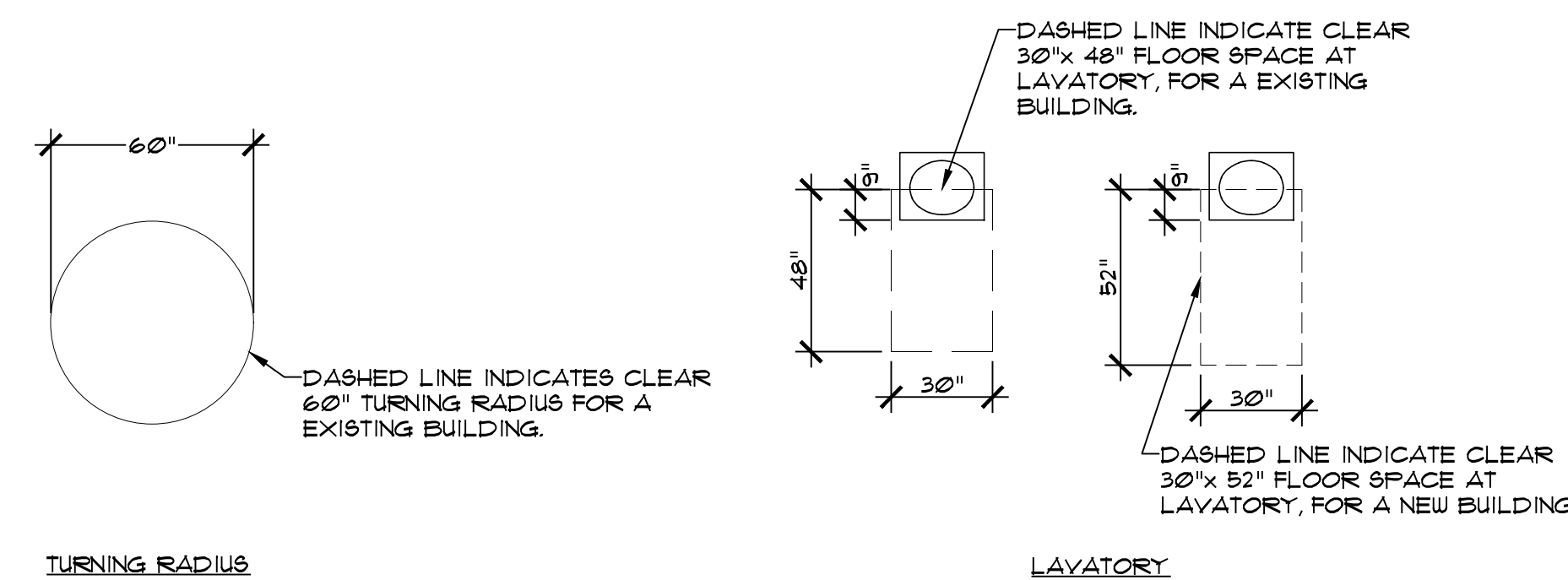
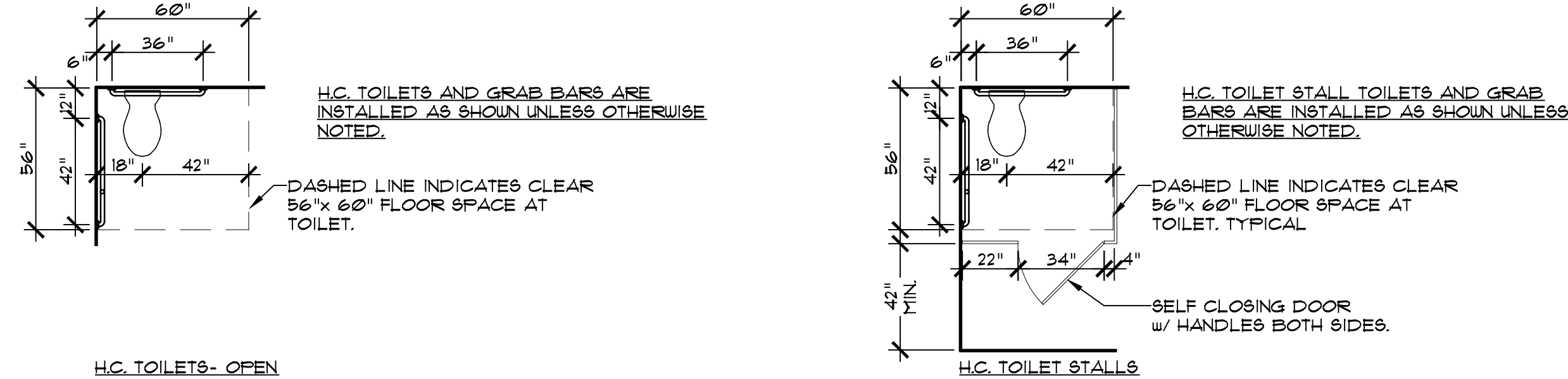
Revisions:

Drawing Title:
BUILDING SECTIONS

Project No: 23718	Scale: AS NOTED
Drawn By: CAR	Contract Date:
Checked By: LCO	Last Update: 7/6/23
Seal:	Drawing No: A-4.1

Renovations and New Buildings for
Public Works Facility
Borough of Wyomissing, Department of Public Works
4th and Oley Street
Wyomissing, PA 19610

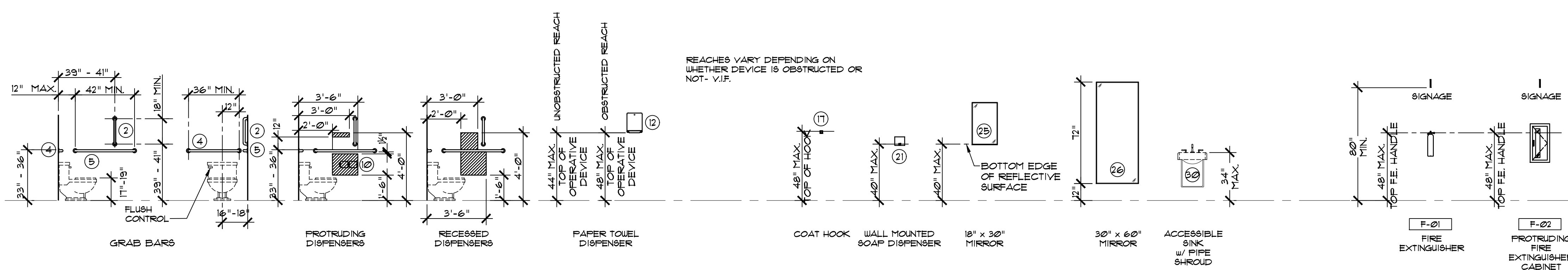
NOTE:
WATER CLOSET BOULDS FOR PUBLIC OR EMPLOYEE TOILET FACILITIES
SHALL BE OF THE ELONGATED TYPE. WATER CLOSETS SHALL BE EQUIPPED
WITH SEATS OF SMOOTH, NONABSORBENT MATERIAL. ALL SEATS OF WATER
CLOSETS PROVIDED FOR PUBLIC OR EMPLOYEE TOILET FACILITIES SHALL
BE OF THE HINGED OPEN-FRONT TYPE. INTEGRAL WATER CLOSET SEATS
SHALL BE OF THE SAME MATERIAL AS THE FIXTURE. WATER CLOSET SEATS
SHALL BE SIZED FOR THE WATER CLOSET BOUL TYPE.



ACCESSORIES LEGEND:

SYM.	DESCRIPTION	MANUFACTURER'S NO.	REMARKS
1	LOCKERS	PER OWNERS SPEC'S	
2	1 1/2" O.D. x 18" LONG GRAB BAR	B-6806-93x18	- VERTICALLY MOUNTED, SATIN FINISH
3	1 1/2" O.D. x 24" LONG GRAB BAR	B-6806-93x24	- SATIN FINISH
4	1 1/2" O.D. x 36" LONG GRAB BAR	B-6806-93x36	- SATIN FINISH
5	1 1/2" O.D. x 42" LONG GRAB BAR	B-6806-93x42	- SATIN FINISH
10	TOILET PAPER HOLDER	B-265	- SATIN FINISH
12	PAPER TOWEL DISPENSER	B-262	- SATIN FINISH
17	ROBE HOOK	B-211	- SATIN FINISH
18	CURTAIN	204-2	
19	CURTAIN ROD	B-207x36	- SATIN FINISH
20	CURTAIN ROD HOOKS	204-1	
21	SOAP DISPENSER	B-212	- SATIN FINISH
25	18" x 30" MIRROR w/ FRAME	B-165-1830	- SATIN FINISH
26	24" x 12" MIRROR w/ FRAME	B-165-2412	- SATIN FINISH
27	URINAL SCREEN	BOBRICK (8CRC) SIERRA SERIES 1090	
28	TOILET STALL PARTITION	BOBRICK (8CRC) SIERRA SERIES 1090	
30	PIPE SHROUD - CASEWORK		- MATCH MILLWORK MATERIAL
31	ADA SHOWER SEAT	B-5181	- REVERSIBLE FOLDING SEAT
34	WASH FOUNTAIN	BRADLEY 1983-B31	- POLISHED, SEMICIRCULAR
35	ADA SHOWER CONTROLS		

GENERAL A.D.A. DATA:
SCALE: 1/4" = 1'-0"



NOTES:
- UNLESS LISTED OTHERWISE ALL ITEMS ARE "BOBRICK" WASHROOM ACCESSORIES.
- ANY PRODUCTS MAY BE SUBSTITUTED FOR AN EQUAL PRODUCT, IF APPROVED BY THE OWNER.
- (8CRC) SOLID COLOR REINFORCED COMPOSITE.

7/19/23 ISSUED FOR BID

Date Activities Dwg By Chk By

Revisions:

Drawing Title:
INTERIOR ELEVATIONS,
DETAILS & GENERAL
NOTES

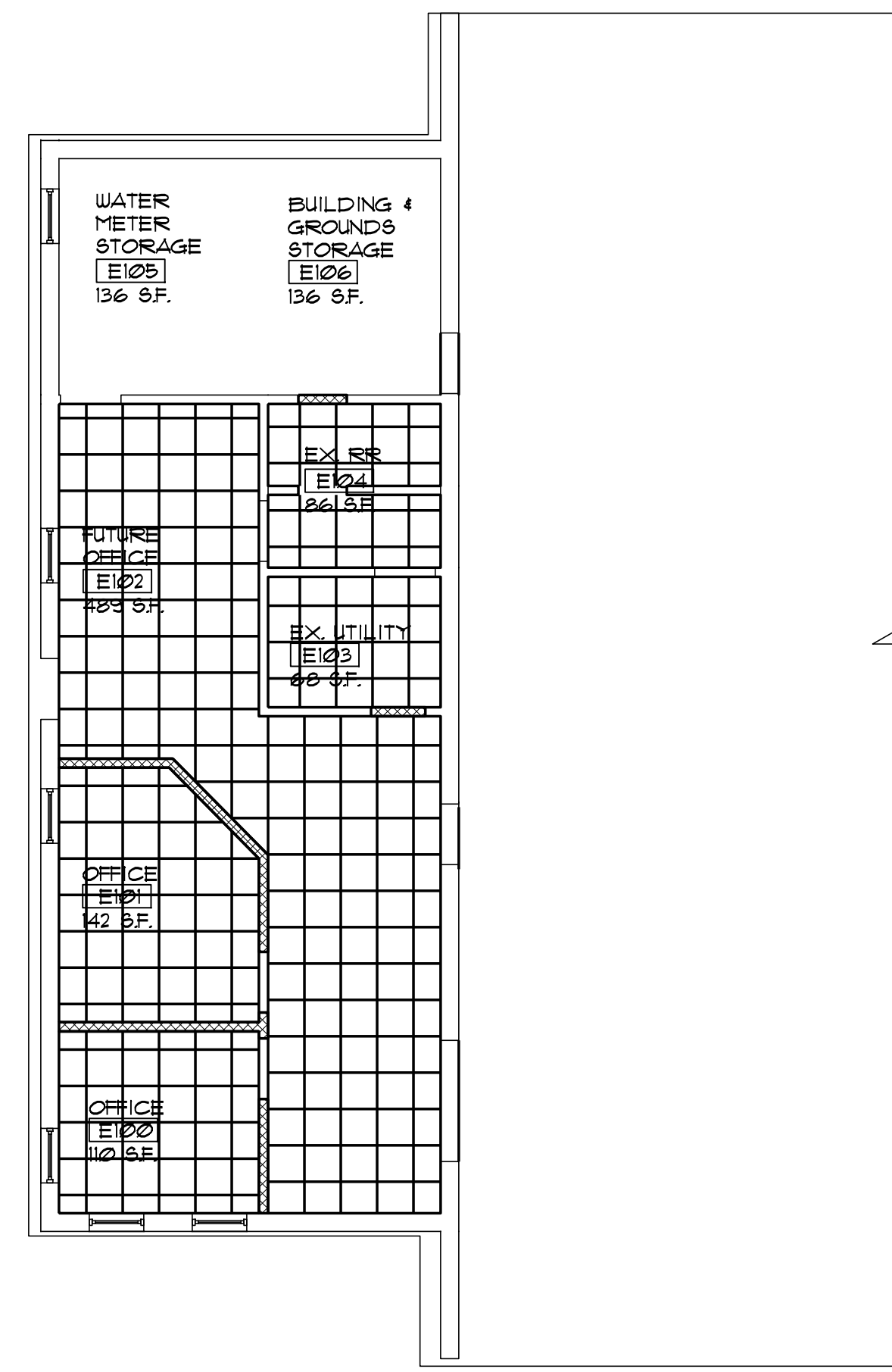
Project No: 23718
Scale: AS NOTED

Drawn By: SUWJ
Contract Date:

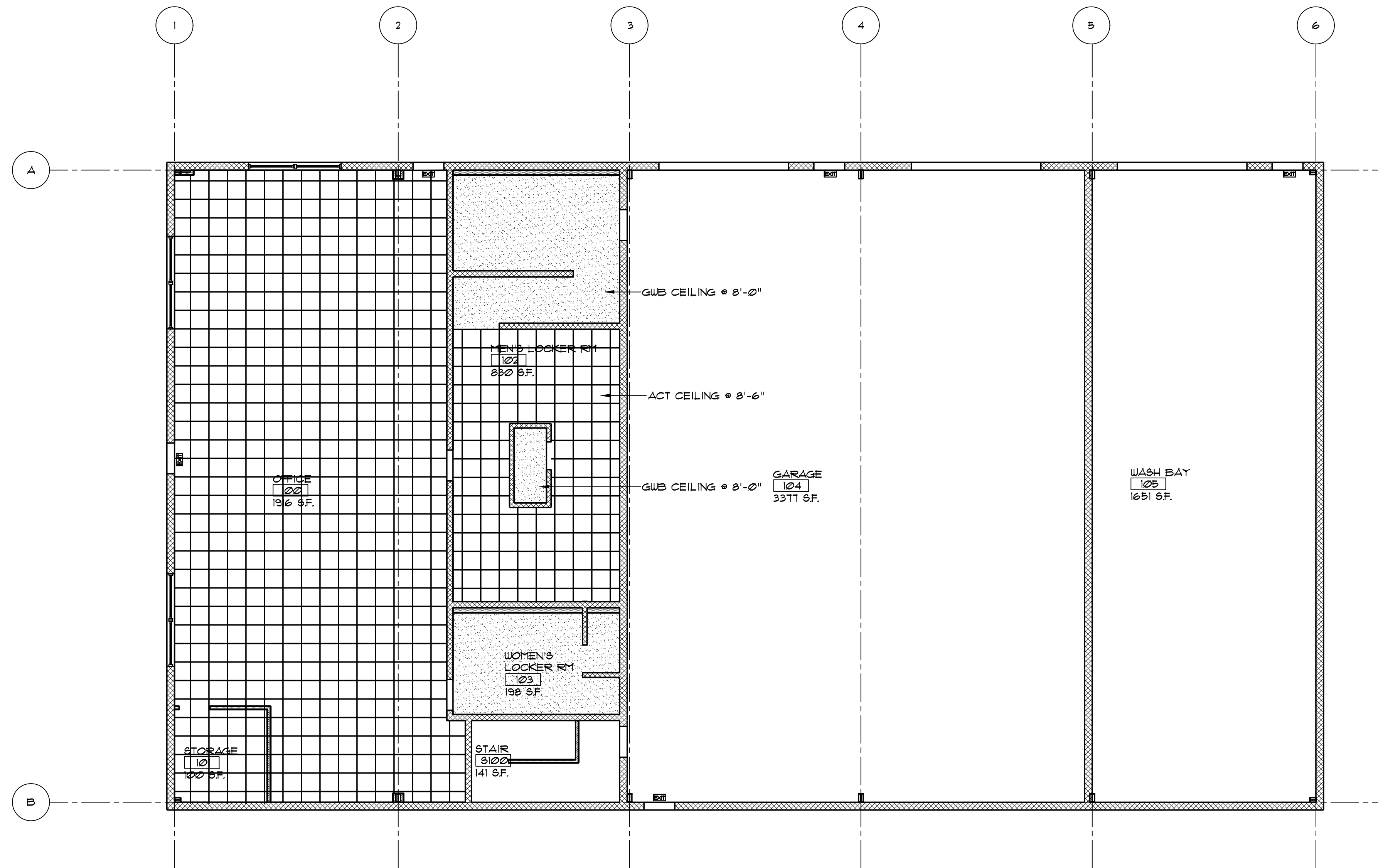
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Last Update: 6/22/23

Seal: Drawing No:

A-6.1

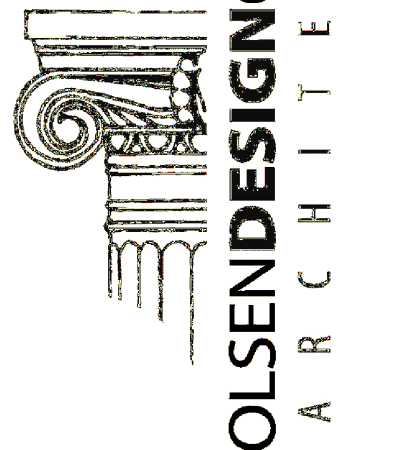


EXISTING BUILDING
 REFLECTED CEILING PLAN
 SCALE: 1/8" = 1'-0"



NEW BUILDING
 REFLECTED CEILING PLAN
 SCALE: 1/8" = 1'-0"

SUSTAINABLE
 PLANNING
 ARCHITECTURE
 INTERIOR DESIGN



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Renovations and New Buildings for
Public Works Facility
 Borough of Wyomissing, Department of Public Works
 4th and Oley Street
 Wyomissing, PA 19610

7/19/23	ISSUED FOR BID		
Date	Activities	Dwg By	Chk By

Revisions:

Drawing Title:
 REFLECTED CEILING
 PLANS

Project No: 23718	Scale: AS NOTED
Drawn By: SUU	Contract Date:
Checked By: LCO	Last Update: 6/29/23
Seal:	Drawing No:

A-10

DOOR SCHEDULE -EXISTING BUILDING

NUMBER	DOOR											FRAME						REMARKS		
	WIDTH	HGHT	LEAF QTY.	ACTIVE LEAF	THICK	TYPE	MAT'L	GLAZ	LOUVER	LABEL	HD SET	FINISH	TYPE	MAT'L	HEAD	JAMB	SILL		LABEL	FINISH
E100	3'-0"	7'-0"	1	NA	1 3/4"	B	WD	2	--	--	4	STAIN	1	HM	3	3	--	--	PAINT	--
E101	3'-0"	7'-0"	1	NA	1 3/4"	A	WD	2	--	--	4	STAIN	1	HM	3	3	--	--	PAINT	--
E103	3'-0"	7'-0"	1	NA	1 3/4"	A	WD	--	--	--	3	STAIN	1	HM	3	3	--	--	PAINT	--
E104	3'-0"	7'-0"	1	NA	1 3/4"	A	WD	--	--	--	3	STAIN	1	HM	3	3	--	--	PAINT	--

DOOR SCHEDULE -NEW BUILDING

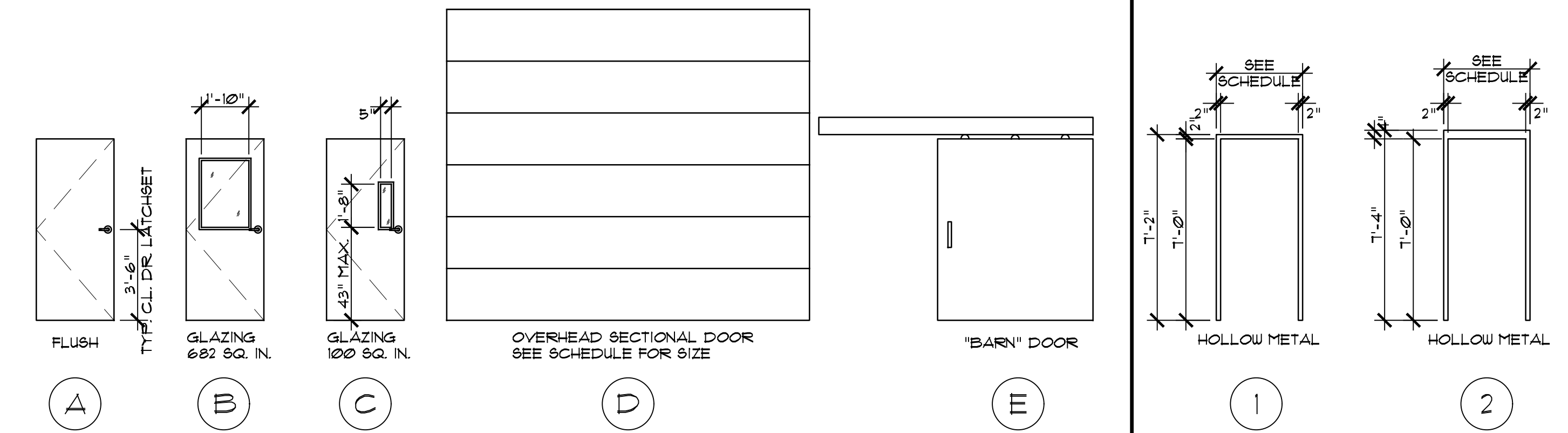
NUMBER	DOOR											FRAME						REMARKS		
	WIDTH	HGHT	LEAF QTY.	ACTIVE LEAF	THICK	TYPE	MAT'L	GLAZ	LOUVER	LABEL	HD SET	FINISH	TYPE	MAT'L	HEAD	JAMB	SILL		LABEL	FINISH
100	3'-0"	7'-0"	1	NA	1 3/4"	B	HM	2	--	--	1	PAINT	2	HM	2	1	Δ	--	PAINT	--
100A	3'-0"	7'-0"	1	NA	1 3/4"	B	HM	2	--	--	1	PAINT	2	HM	2	1	Δ	--	PAINT	--
101	3'-0"	7'-0"	1	NA	1 3/4"	A	WD	--	--	--	2	PAINT	3	HM	3	3	--	--	PAINT	--
102	3'-0"	7'-0"	1	NA	1 3/4"	A	WD	--	--	--	5	PAINT	2	HM	2	1	--	--	PAINT	--
102A	3'-0"	7'-0"	1	NA	1 3/4"	A	WD	--	--	--	5	PAINT	2	HM	2	1	--	--	PAINT	--
103	3'-0"	7'-0"	1	NA	1 3/4"	A	WD	--	--	--	5	PAINT	2	HM	2	1	--	--	PAINT	--
104	3'-0"	7'-0"	1	NA	1 3/4"	B	HM	2	--	--	1	PAINT	2	HM	2	1	--	--	PAINT	--
104A	14'-0"	7'-0"	1	NA	1"	D	SI	--	--	*	*	--	STL	5	5	--	--	PAINT	* SEE GEN. NOTE 2	
104B	14'-0"	7'-0"	1	NA	1"	D	SI	--	--	*	*	--	STL	5	5	--	--	PAINT	* SEE GEN. NOTE 2	
104C	3'-0"	7'-0"	1	NA	1 3/4"	B	HM	2	--	--	1	PAINT	2	HM	2	1	Δ	--	PAINT	--
105	3'-0"	7'-0"	1	NA	1 3/4"	B	HM	2	--	--	1	PAINT	2	HM	2	1	Δ	--	PAINT	--
105A	14'-0"	7'-0"	1	NA	1"	D	SI	--	--	*	*	--	STL	5	5	--	--	PAINT	* SEE GEN. NOTE 2	
200	5'-0"	7'-0"	0000	NA	*	E	HM	--	--	*	*	--	PAINT	*	--	--	--	PAINT	* SEE GEN. NOTE 3	
9100	3'-0"	7'-0"	1	NA	1 3/4"	B	HM	2	--	1 HR	--	PAINT	2	HM	--	--	--	1 HR	PAINT	FIRE RATED HARDWARE
9200	3'-0"	7'-0"	1	NA	1 3/4"	B	HM	2	--	1 HR	--	PAINT	2	HM	--	--	--	1 HR	PAINT	FIRE RATED HARDWARE

DOOR HARDWARE SCHEDULE:

HARDWARE SET #1	HARDWARE SET #11	HARDWARE SET #13
(1) PAIR 8.5/8.5 HINGES (2) AUTO CLOSER - SURFACE MTD. (3) FRAME SILENCERS THRESHOLD WEATHERSTRIPPING SET ELECTRIC STRIKE CARD READER FRANC EXIT DEVICE - RIM TYPE LEVER STYLE HANDLES w/ ENTRY LOCKSET ADA SIGNAGE - SEE PLAN	(1) PAIR 8.5/8.5 HINGES (2) AUTO CLOSER - SURFACE MTD. (3) FRAME SILENCERS (1) LEVER STYLE HANDLES w/ STORAGE ROOM LOCKSET ADA SIGNAGE - SEE PLAN	(1) PAIR 8.5/8.5 HINGES (2) AUTO CLOSER - SURFACE MTD. (3) FRAME SILENCERS (1) THRESHOLD (1) WEATHERSTRIPPING SET (1) PANIC EXIT DEVICE - RIM TYPE ADA SIGNAGE - SEE PLAN
HARDWARE SET #2	HARDWARE SET #8	HARDWARE SET #5
(1) PAIR 8.5/8.5 HINGES FRAME SILENCERS LEVER STYLE STORAGE ROOM LOCKSET ADA SIGNAGE - SEE PLAN	(1) PAIR 8.5/8.5 HINGES (2) LEVER STYLE HANDLES w/ PASSAGE LATCHSET ADA SIGNAGE - SEE PLAN	(1) PAIR 8.5/8.5 HINGES w/ NON-REMOVABLE PINS (2) AUTO CLOSER - SURFACE MTD. (3) FRAME SILENCERS (1) HINGE BUMPER (1) ELECTRIC STRIKE (1) CARD READER (2) LEVER STYLE HANDLES w/ SECURITY LOCKSET ADA SIGNAGE - SEE PLAN
HARDWARE SET #3	HARDWARE SET #9	HARDWARE SET #6
(1) PAIR 8.5/8.5 HINGES AUTO CLOSER - SURFACE MTD. FRAME SILENCERS WALL BUMPER LEVER STYLE STOREROOM LOCKSET ADA SIGNAGE - SEE PLAN	(1) PAIR 8.5/8.5 HINGES (2) LEVER STYLE HANDLES w/ STORAGE LOCKSET ADA SIGNAGE - SEE PLAN	(1) PAIR 8.5/8.5 HINGES (2) AUTO CLOSER - SURFACE MTD. (3) FRAME SILENCERS (1) THRESHOLD (1) WEATHERSTRIPPING SET (1) PANIC EXIT DEVICE - RIM TYPE (1) LEVER STYLE HANDLES w/ PASSAGE LOCKSET ADA SIGNAGE - SEE PLAN
HARDWARE SET #4	HARDWARE SET #10	HARDWARE SET #7
(1) PAIR 8.5/8.5 HINGES FRAME SILENCERS WALL BUMPER LEVER STYLE OFFICE LOCKSET ADA SIGNAGE - SEE PLAN	(1) PAIR 8.5/8.5 HINGES (2) LEVER STYLE HANDLES w/ PASSAGE LATCHSET ADA SIGNAGE - SEE PLAN	(1) PAIR 8.5/8.5 HINGES (2) AUTO CLOSER - SURFACE MTD. (3) FRAME SILENCERS (1) THRESHOLD (1) WEATHERSTRIPPING SET (1) PANIC EXIT DEVICE - RIM TYPE (1) LEVER STYLE HANDLES w/ PASSAGE LATCHSET ADA SIGNAGE - SEE PLAN
HARDWARE SET #5	HARDWARE SET #11	HARDWARE SET #4
PUSH / PULL BAR AUTO CLOSER - SURFACE MTD. ADA SIGNAGE - SEE PLAN	(1) PAIR 8.5/8.5 HINGES (3) FRAME SILENCERS (1) WALL BUMPER (2) LEVER STYLE HANDLES w/ OFFICE LOCKSET ADA SIGNAGE - SEE PLAN	(3) PAIR 8.5/8.5 HINGES (2) BALL CATCHES (TOP JAMB) (2) LEVER STYLE HANDLES w/ DUMMY FUNCTION ADA SIGNAGE - SEE PLAN
HARDWARE SET #6	HARDWARE SET #12	
(1) PAIR 8.5/8.5 HINGES (2) AUTO CLOSER - SURFACE MTD. (3) FRAME SILENCERS (1) PANIC EXIT DEVICE - RIM TYPE (1) LEVER STYLE HANDLES w/ PASSAGE LATCHSET ADA SIGNAGE - SEE PLAN	RATED HARDWARE	

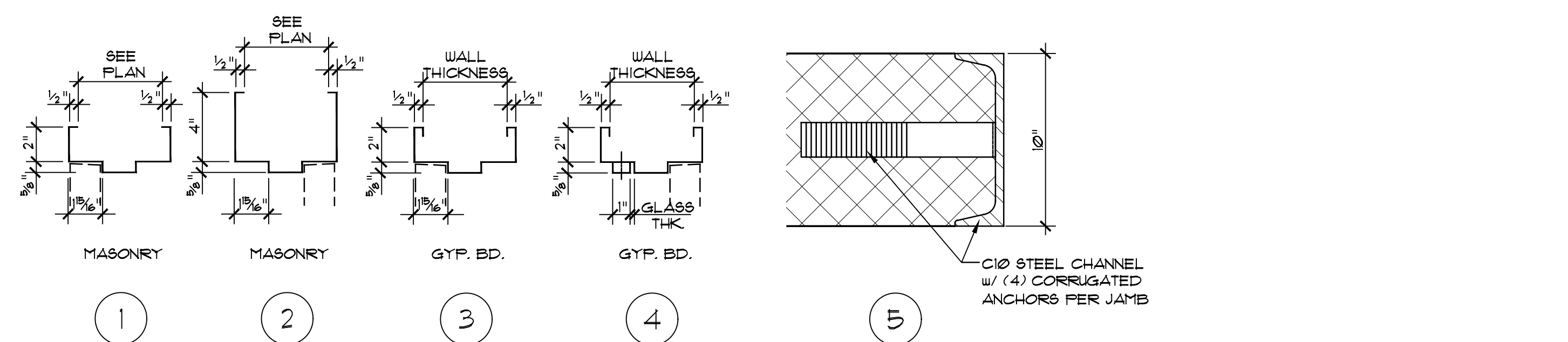
GENERAL NOTES:

- ALL HARDWARE SHALL BE CLASS A.
 - OVERHEAD VERTICAL LIFT SECTIONAL DOOR SPECIFICATION:
(1) 20'-0" x 16'-0" HT. OVERHEAD DOOR, THERMACORE SECTIONAL STEEL DOOR #59, INSULATED HEAVY-DUTY, STEEL-POLYURETHANE PANEL CONSTRUCTION.
(2) 10'-0" x 16'-0" HT. OVERHEAD DOOR, THERMACORE SECTIONAL STEEL DOOR #59, INSULATED HEAVY-DUTY, STEEL-POLYURETHANE PANEL CONSTRUCTION.
(3) 8'-0" x 16'-0" HT. OVERHEAD DOOR, THERMACORE SECTIONAL STEEL DOOR #59, INSULATED HEAVY-DUTY, STEEL-POLYURETHANE PANEL CONSTRUCTION.
 - BARN DOOR #100 ON MEZZANINE IS CUSTOM DOOR 6'X7' COVERING A 5' WIDE BY 7' HIGH OPENING FROM MEZZANINE OUT INTO GARAGE. SPECIAL HARDWARE AND ROLLER TRACK WILL BE REQUIRED. SHOP DRAWING FOR THIS DOOR WILL BE REQUIRED BY GC.
- OPTIONS FOR BOTH DOORS:
- PANEL THICKNESS: 1"
 - EXTERIOR SURFACE: RIBBED
 - EXTERIOR STEEL: #15 GALV.
 - DOOR INSULATION: POLYURETHANE, R-14.86 VALUE
 - FINISH COLOR: WHITE
 - MOUNTING: FACE-OF-WALL
 - OPERATION: ELECTRIC 3 HP, 208V, 3 PHASE
 - STANDARD SPRINGS: 10/000 CYCLE
 - HIGH-USEAGE PACKAGE
 - WEATHERSEAL: AIR INFILTRATION PACKAGE @ 15 MPH @ 20 CFM/FT2
 - GUIDES: HEAVY-DUTY STEEL VERTICAL/OVERHEAD LIFT
 - SAFETY BAR, BOTTOM-SENSING EDGE
 - THERMAL BREAK: PVC
 - WARRANTY: 10 YEAR LIMITED DELAMINATION, 1 YEAR LIMITED ON DOOR & 20 YEAR LIMITED ON FLUOROPOLYMER

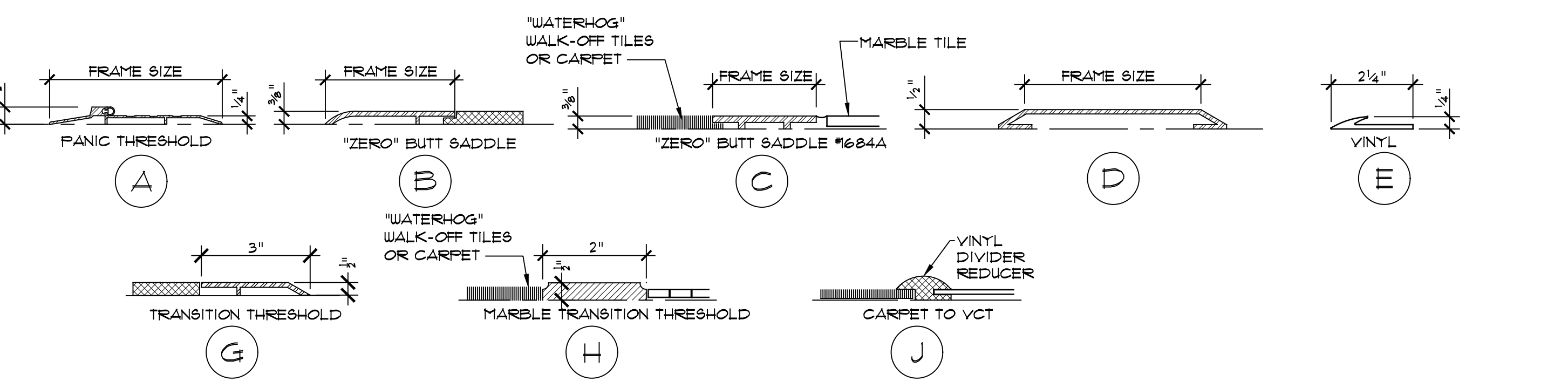


DOOR TYPES:
SCALE: 1/4" = 1'-0"

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



HOLLOW METAL JAMB TYPES:
SCALE: NONE



SILL TYPES:
SCALE: NONE

ALL SIGNAGE TO COMPLY w/ THE AMERICANS WITH DISABILITIES ACT OF 1990 INCLUDE PICTOGRAMS WHERE REQUIRED.

FOR SIGNAGE DESIGN OF TYPES AND SIZES SEE THE "DOUBLE TREE INTERIOR SIGNAGE SPECIFICATIONS".

MOUNTING HEIGHT, BRAILLE SHALL BE 48 INCHES MINIMUM AND 60 INCHES MAXIMUM ABOVE THE FLOOR, MEASURED TO THE BASELINE OF THE BRAILLE CELL.

1	1/4" TINTED (TEMPERED)
2	1/4" CLEAR (TEMPERED)
3	1/4" TINTED (PLATE)
4	1/4" CLEAR (PLATE)
5	1" CLEAR INSULATED (TEMPERED) w/ LOW-E
6	1" CLEAR INSULATED (LAMINATED) w/ LOW-E
7	1" CLEAR INSULATED (PLATE) w/ LOW-E
8	1/4" CLEAR WIRE
9	3/16" CLEAR ACRYLIC SET IN RUBBER MOLDING
10	1/4" CLEAR POLYCARBONATE
11	1/4" ONE-WAY VISION (TEMPERED)

TYPICAL ALL DOORS SIGNAGE / LOCATION:
SCALE: 1/4" = 1'-0"

TYPE #1 TYPE #1A TYPE #2 TYPE #2A TYPE #3 TYPE #3A

TYPE #10 TYPE #10A TYPE #11 TYPE #11A

TYPE #20 TYPE #21 TYPE #22 TYPE #23 TYPE #24 TYPE #24A TYPE #24B TYPE #24C

TYPE #30 TYPE #31

NUMBERING SAMPLE TYPE #3-MTM

SIGNAGE MOUNTING DATA:
MECHANICAL MOUNTING = MM
VINYL TAPE MOUNTING = VTM
SILASTIC ADHESIVE MOUNTING = SAM
MAGNETIC TAPE MOUNTING = MTM
DIMENSIONAL MOUNTING = DM
VELCRO MOUNTING = VM

TYPICAL ALL DOORS SIGNAGE:
SCALE: NONE

SUSTAINABLE PLANNING ARCHITECTURE INTERIOR DESIGN

OLSENDESIGNGROUP
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Renovations and New Buildings for

Public Works Facility
Borough of Wyomissing, Department of Public Works
4th and Oley Street
Wyomissing, PA 19610

1/19/23	ISSUED FOR BIDDING	Dwg By	Chk By
△	Date	Activities	
Revisions:			
Drawing Title: DOOR SCHEDULE, DETAILS & GENERAL NOTES			
Project No: 23718	Scale: AS NOTED	Contract Date:	
Drawn By: SUU	Last Update: 6/29/23	Checked By: LCO	Drawing No: A-8.0

PARTITION TYPES

LEGEND:

- INDICATES PARTITION w/ SOUND BATTS
- EXISTING PARTITION TO REMAIN, PATCH & REPAIR ANY DAMAGED AREAS - SEE ROOM FINISH SCHEDULE FOR NEW WALL FINISHES.
- MATCH EXISTING SURROUNDING PARTITION CONSTRUCTION - SEE ROOM FINISH SCHEDULE FOR NEW WALL FINISHES.

GENERAL NOTES:

- FOR PARTITION / WALL FINISHES... SEE "ROOM FINISH SCHEDULE".
- WHERE TILE IS BEING USED AS THE FINISHED SURFACE MATERIAL, THE SUBSTRATE SHALL BE 1/2" TILE BACKER BOARD.
- NO METAL STUD FRAMING SHALL BE EXPOSED IN ANY FINISHED SPACES.
- UNLESS OTHERWISE SHOWN, ALL HOLLOW METAL FRAMES SHALL BE LOCATED 3" FROM INSIDE CORNER TO ALLOW FOR PROPER G.W.B. FINISHING.
- SMOKE PARTITIONS SHALL BE CONTINUOUS PER I.B.C. 2015, SECTION 710 AND SHALL BE SEALED TO RESIST THE PASSAGE OF SMOKE. UTILIZE 3M FD 150 SEALANT OR EQUAL.
- PROVIDE AND INSTALL MR. GYPSUM BOARD WITHIN 36" OF ALL UTILITY SINKS.

NO.	DESCRIPTION	RATING	REMARKS	NO.	DESCRIPTION	RATING	REMARKS	NO.	DESCRIPTION	RATING	REMARKS	NO.	DESCRIPTION	RATING	REMARKS
1	6" CMU w/ JOINT REINFORCEMENT EVERY OTHER COURSE			2	10" CMU w/ JOINT REINFORCEMENT EVERY OTHER COURSE	1-HOUR		3	10" SPLIT-FACE CMU w/ JOINT REINFORCEMENT EVERY OTHER COURSE R-19 BATT INSUL. 6" METAL STUDS 18 GA. IS. @ 16" O.C. 6 MIL VAPOR BARRIER 3/8" G.W.B. - 1 LAYER TAPED, SANDED & FINISHED			4	1" METAL SIDING 10" STEEL GIRT R-17 INSULATION 6" METAL STUDS 18 GA. IS. @ 16" O.C. R-19 BATT INSUL. 6 MIL VAPOR BARRIER 3/8" G.W.B. - 1 LAYER TAPED, SANDED & FINISHED		
5	SOUND BATTS 6" METAL STUDS 18 GA. IS. @ 16" O.C. 3/8" G.W.B. - 1 LAYER TAPED, SANDED & FINISHED			7	SOUND BATTS 3 3/8" METAL STUDS 18 GA. IS. @ 16" O.C. 3/8" G.W.B. - 1 LAYER EACH SIDE, TAPED, SANDED & FINISHED			8	SOUND BATTS 3 3/8" METAL STUDS 18 GA. IS. @ 16" O.C. 3/8" G.W.B. - 1 LAYER EACH SIDE, TAPED, SANDED & FINISHED			9	SOUND BATTS 6" METAL STUDS 18 GA. IS. @ 16" O.C. 3/8" G.W.B. - 1 LAYER EACH SIDE, TAPED, SANDED & FINISHED		
6	SOUND BATTS 6" METAL STUDS 18 GA. IS. @ 16" O.C. 3/8" G.W.B. - 1 LAYER TAPED, SANDED & FINISHED	6	SOUND BATTS FILL STUD CAVITY	10	8" CMU w/ JOINT REINFORCEMENT EVERY OTHER COURSE	1-HOUR		10	8" CMU w/ JOINT REINFORCEMENT EVERY OTHER COURSE			10	8" CMU w/ JOINT REINFORCEMENT EVERY OTHER COURSE		

ROOM FINISH SCHEDULE -EXISTING BUILDING

NUMBER	ROOM NAME	WALLS				BASE	FLOOR	CEILING		AREA	REMARKS
		NORTH	SOUTH	EAST	WEST			MATERIAL	HEIGHT		
E100	OFFICE	6	7	6	7	11	25	31	8'-6"	110 S.F.	
E101	OFFICE	6	7	6	7	11	25	31	8'-6"	142 S.F.	
E102	FUTURE OFFICE	7	6	7	7	11	25	31	8'-6"	489 S.F.	
E103	EX. UTILITY	7	7	7	7	11	25	31	8'-6"	68 S.F.	
E104	EX. RR	7	7	7	7	11	25	31	8'-6"	26 S.F.	
E105	WATER METER STORAGE	7	7	7	7	11	25	33	--	136 S.F.	
E106	BUILDING & GROUNDS STORAGE	7	7	7	7	11	25	33	--	136 S.F.	

ROOM FINISH SCHEDULE -NEW BUILDING

NUMBER	ROOM NAME	WALLS				BASE	FLOOR	CEILING		AREA	REMARKS
		NORTH	SOUTH	EAST	WEST			MATERIAL	HEIGHT		
100	OFFICE	6	6	6	6	11	25	31	8'-6"	1916 S.F.	
101	STORAGE	2	6	6	2	11	25	31	8'-6"	100 S.F.	
102	MEN'S LOCKER RM	3/6	6	6	6	11	25	31/35*	8'-6"	830 S.F.	*-SEE A-10 FOR CEILING FINISH LOCATIONS
103	WOMEN'S LOCKER RM	6	6	6	6	11	25	31/35*	8'-6"	198 S.F.	*-SEE A-10 FOR CEILING FINISH LOCATIONS
104	GARAGE	6	6	6	6	--	25	33	--	3377 S.F.	
105	WASH BAY	6	6	6	6	--	25	33	--	1651 S.F.	
200	MEZZANINE	2	6	6	2	--	25	33	--	2487 S.F.	
S100	STAIR	6	6	6	6	11	25/29	--	--	141 S.F.	SEE STAIR NOTE BELOW
S200	STAIR	6	6	6	6	11	25/29	--	--	141 S.F.	SEE STAIR NOTE BELOW

STAIR TOWER NOTE:
ALL STAIR FRAMING (16" METAL LANDING, CHANNEL STRINGERS, STEPS AND RAILINGS) TO BE PAINTED ON ALL VISIBLE SURFACES

WALL MATERIAL LEGEND:

- FIXED GLAZING
- PAINT ON GYPSUM BOARD
- EPOXY PAINT ON GYPSUM BOARD
- BRICK
- CERAMIC TILE
- PAINT ON CMU
- PAINT EXISTING FINISH
- FINISH NOT IN CONTRACT

BASE MATERIAL LEGEND:

- 4" VINYL BASE
- 6" WOOD BASE - BEADED STYLE w/SHOE - PAINT
- 4 1/2" CERAMIC BASE - (1 1/2" SQUARE TOP)
- 4 1/2" CERAMIC BASE - (4 1/2" x 4 1/2" SEMI-GLOSS)
- 6" CERAMIC BASE
- RESIN BASE
- FINISH NOT IN CONTRACT

FLOOR MATERIAL LEGEND:

- FLOOR TILE - TYPE "A"
- FLOOR TILE - TYPE "B"
- CARPET
- VCT
- SEALED CONCRETE
- VINYL FLANK
- VINYL TREADS
- FINISH NOT IN CONTRACT

CEILING MATERIAL LEGEND:

- ACOUSTICAL LAT-IN CEILING "A" (ARMSTRONG 2x4 CIRRUS, SECOND LOOK II - 513)
- ACOUSTICAL LAT-IN CEILING "B" (ARMSTRONG 2x4 FINE FISURED - 1728)
- EXPOSED DECK AND STRUCTURE - PAINT
- PAINTED FIRE RESISTIVE GYPSUM BOARD
- PAINTED WATER RESISTANT GYPSUM BOARD
- PAINTED GYPSUM BOARD
- FINISH NOT IN CONTRACT

GENERAL NOTES:

- ALL SURFACES RECEIVING PAINT TO BE PROPERLY PREPARED AND READY TO RECEIVE PAINTS IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS. WALLS TO BE SPACKLED (MIN. THREE COATS), SANDED AND PRIMED. ALL SURFACES SHALL BE CLEAN, FREE OF DUST, GREASE, OILS OR ANY FOREIGN SUBSTANCE THAT WILL INTERFERE WITH PAINTS. HOLES, CRACKS AND OTHER IMPERFECTIONS SHALL BE SUITABLY PATCHED AND FILLED WITH A COMPOUND RECOMMENDED BY THE MANUFACTURER OF THE PAINT AND THE PRIMER. SURFACES SHALL BE BROUGHT TO TRUE, EVEN SURFACES, PRIOR TO PAINTING.
- ADEQUATE NUMBER OF PRIMER AND FINISH COATS TO BE APPLIED FOR COMPLETE COVERAGE (SEE PAINT SCHEDULE).
- NUMBER OF COATINGS ARE IN ADDITION TO ANY SHOP COATINGS THAT MAY HAVE ALREADY BEEN APPLIED.
- GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING A CLEAN AND CLEARED FLOOR, FREE OF HOLES OR DEPRESSIONS AND ACCEPTABLE FOR INSTALLATION OF ALL FLOOR COVERING AND UNDERLAYMENTS. ANY DISCREPANCIES SHALL BE IMMEDIATELY REPORTED TO THE ARCHITECT.
- INSTALLER SHALL BE RESPONSIBLE FOR QUANTITY TAKE-OFF, SUPPLYING, RECEIVING, WAREHOUSING, AND FLOOR COVERINGS AND UNDERLAYMENTS PRIOR TO FABRICATION AND/OR INSTALLATION. ANY MANUFACTURING DEFECT SHALL BE REPORTED TO ARCHITECT.
- REMOVE COLOR PLATES, SURFACE MOUNTED FIXTURES, ETC. WHERE WALL COVERING IS TO BE APPLIED, FOLLOWING COMPLETION OF WALL COVERING EACH SPACE OR AREA, REINSTALL THE REMOVED ITEMS BY WORKMEN SKILLED IN THE TRADES INVOLVED.
- REMOVE COLOR PLATES, SURFACE MOUNTED FIXTURES, ETC. WHERE WALL COVERING IS TO BE APPLIED, FOLLOWING COMPLETION OF WALL COVERING EACH SPACE OR AREA, REINSTALL THE REMOVED ITEMS BY WORKMEN SKILLED IN THE TRADES INVOLVED.
- CONTRACTOR WILL BE RESPONSIBLE FOR SUPPLYING ARCHITECT WITH SAMPLE OF ALL FINISHES TO BE SUPPLIED & INSTALLED BY CONTRACTOR. INFORMATION WILL INCLUDE ALL PAINTS, WOOD FINISH SAMPLE, FLOOR MATERIALS, METAL, ETC. ARCHITECT / OWNER WILL HAVE RIGHT OF REBURN OF WORK IF THE PRODUCT INSTALLED HAS NOT BEEN PREVIOUSLY APPROVED.
- ALL GYPSUM BOARD MATERIALS SHALL BE TERMINATED AT UNDERSIDE OF FLOOR OR ROOF DECK UNLESS OTHERWISE NOTED.
- WHERE REQUIRED, WOOD BASE INSTALLATION TO BE MITERED AT CORNERS AND STRAIGHT RUN JOINTS. ALL NAILS / SCREWS THOROUGHLY SAND EXPOSED SURFACES BETWEEN STAIN AND/OR PAINT APPLICATIONS.

PAINT SCHEDULE

	EXTERIOR SURFACES		
	MATERIAL	COATS	PAINT MATERIALS
GYPSUM BOARD & CEMENT PLASTER SOFFITS	3	1 COAT OF LATEX PRIMER SEALER 2 COATS OF ACRYLIC LATEX GLOSS PAINT	
STEEL - UNPRIMED	3	1 COAT OF ALKYD PRIMER 2 COATS OF ALKYD ENAMEL GLOSS PAINT	
STEEL - SHOP PRIMED	3	TOUCH-UP WITH ZINC CHROMATE PRIMER 2 COATS OF ALKYD ENAMEL GLOSS PAINT	
STEEL - GALVANIZED	3	1 COAT OF GALVANIZED PRIMER 2 COATS OF ALKYD ENAMEL GLOSS PAINT	
ALUMINUM	3	1 COAT OF ETCHING PRIMER 2 COATS OF ALKYD ENAMEL GLOSS PAINT	
WOOD TRIM	3	1 COAT OF ALKYD PRIMER 2 COATS OF ALKYD ENAMEL SEMI-GLOSS PAINT	
CONCRETE RESTORED MASONRY CEMENT PLASTER	3	1 COAT OF LATEX PRIMER SEALER 2 COATS OF ACRYLIC LATEX SEMI-GLOSS PAINT	
CONCRETE MASONRY UNITS	3	1 COAT OF ACRYLIC MASONRY PRIMER 2 COATS OF ELASTOMERIC PAINT	
WOOD - PAINTED	3	1 COAT OF ALKYD PRIMER SEALER 2 COATS OF LATEX SEMI-GLOSS PAINT	
STEEL - UNPRIMED & EXPOSED	3	1 COAT OF ALKYD PRIMER 2 COATS OF ALKYD ENAMEL SEMI-GLOSS PAINT	
STEEL - PRIMED & EXPOSED	3	TOUCH-UP WITH ALKYD PRIMER 2 COATS OF ALKYD ENAMEL SEMI-GLOSS PAINT	
STEEL - GALV. & EXPOSED	3	1 COAT OF GALVANIZE PRIMER 2 COATS OF ALKYD ENAMEL SEMI-GLOSS PAINT	
ALUMINUM - MILL FINISH	3	1 COAT OF ETCHING PRIMER 2 COATS OF ALKYD ENAMEL GLOSS PAINT	
CONCRETE MASONRY UNITS	3	1 COAT OF ACRYLIC LATEX BLOCK FILLER 2 COATS OF ACRYLIC LATEX SEMI-GLOSS PAINT	
GYPSUM BOARD & FLASTER	3	1 COAT OF LATEX PRIMER SEALER 2 COATS OF ACRYLIC LATEX EGG-SHELL OR SATIN PAINT	
WOOD TRIM	3	1 COAT OF LATEX PRIMER SEALER 2 COATS OF ACRYLIC LATEX SEMI-GLOSS PAINT	
CONCRETE FLOORS	2	2 COATS OF DUST SEALER	
GYPSUM BOARD & FLASTER CEILING	3	1 COAT OF LATEX PRIMER SEALER 2 COATS OF ACRYLIC LATEX FLAT PAINT	
WALL SURFACE UNDER VINYL WALL COVERING	1	1 COAT OF ALKYD PRIMER SEALER	
WOOD DOORS & TRIM - w/ TRANSPARENT FINISH	3	1 COAT OF STAIN & SEALER 2 COATS OF SEALER	
HOLLOW METAL FRAMES	3	1 COAT OF LATEX PRIMER SEALER 2 COATS OF ACRYLIC LATEX SEMI-GLOSS PAINT	
CONCRETE FLOORS (HEAVY DUTY / WET AREAS)	3	1 COAT OF HEAVY DUTY BLOCK PRIMER 2 COATS OF WATERBASED EPOXY PAINT	
EXPOSED DECK	2	2 COATS OF WATERBASED ACRYLIC DRYFALL PAINT	

EXTERIOR SURFACES

INTERIOR SURFACES

SUSTAINABLE PLANNING ARCHITECTURE INTERIOR DESIGN

OLSENDESIGNGROUP ARCHITECTS

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Renovations and New Buildings for

Public Works Facility
Borough of Wyomissing, Department of Public Works
4th and Oley Street
Wyomissing, PA 19610

1/19/23	ISSUED FOR BID	Date	Activities	Dwg By	Chk By
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Revisions:

Drawing Title:
ROOM FINISH SCHEDULE, PARTITION TYPES, DETAILS & GENERAL NOTES

Project No: 23718	Scale: AS NOTED
Drawn By: SUWJ	Contract Date:
Checked By: LCO	Last Update: 6/29/23
Seal:	Drawing No: A-9.0