

# Wellesley DPW/RDF Administration Building

## Town of Wellesley

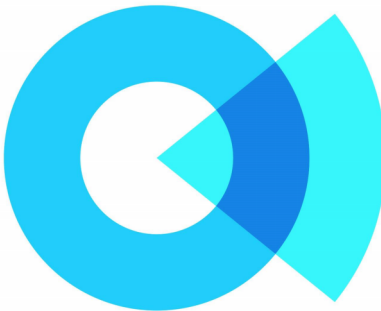
169 Great Plain Ave, Wellesley, MA  
PROJECT # AE234571.2



### Town of Wellesley

169 Great Plain Ave,  
Wellesley, MA

Awarding Authority: Town of Wellesley  
525 Washington St. 02482  
(781) 400-6721



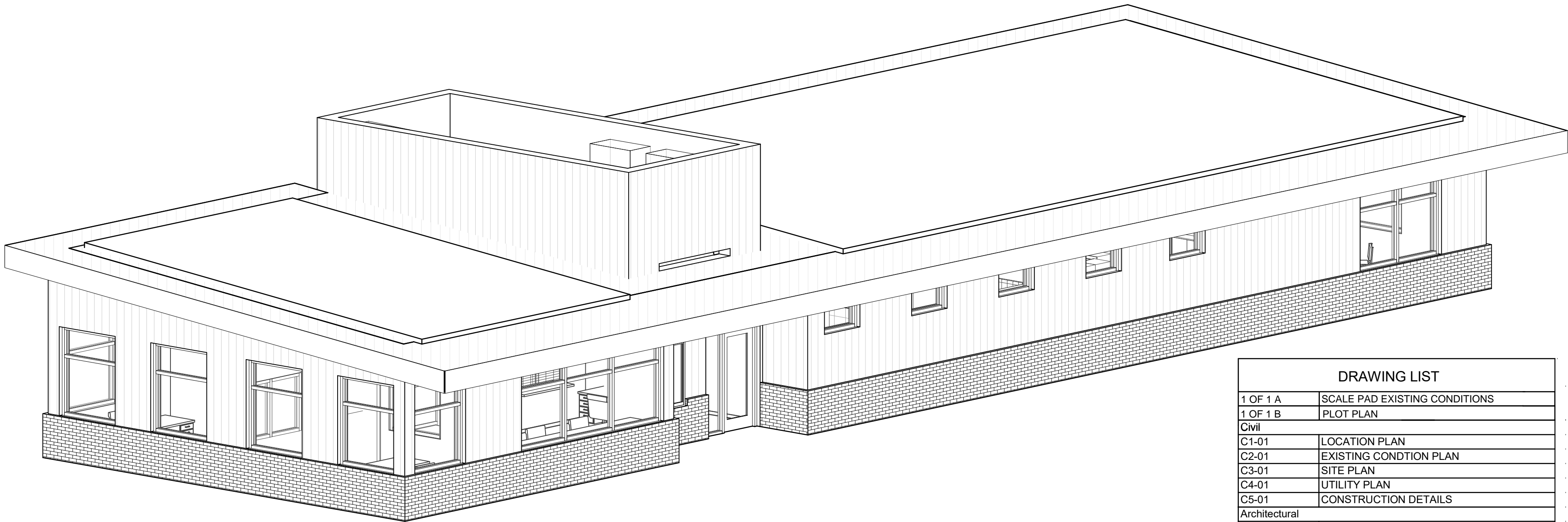
### SOCOTEC

AE CONSULTING, LLC

75 HOOD PARK DR.  
CHARLESTOWN, MA 02129

P: (617) 265-8977

SOCOTEC@SOCOTEC.US  
WWW.SOCOTEC.US



DRAWING LIST	
1 OF 1 A	SCALE PAD EXISTING CONDITIONS
1 OF 1 B	PLOT PLAN
Civil	
C1-01	LOCATION PLAN
C2-01	EXISTING CONDTION PLAN
C3-01	SITE PLAN
C4-01	UTILITY PLAN
C5-01	CONSTRUCTION DETAILS
Architectural	
A1-00	EXIST. BUILDING DEMO & PROPOSED PLANS
A1-01	FIRST FLOOR PLAN
A1-02	ROOF PLAN
A2-01	BUILDING ELEVATIONS
A3-01	BUILDING SECTIONS
A3-10	WALL SECTIONS
Plumbing	
P1-00	UNDERGROUND PLAN
P1-01	FLOOR PLANS
Electrical	
E0-02	POWER RISER DIAGRAM & SCHEDULES
E0-04	DETAILS

**SOCOTEC**  
STRUCTURAL ENGINEERING  
75 HOOD PARK DR.  
CHARLESTOWN, MA 02129  
P: (617) 265-8977

**PM&C**  
COST ESTIMATING  
20 DOWNER AVE. SUITE 5  
HINGHAM, MA 02043  
P: (781) 740-8007

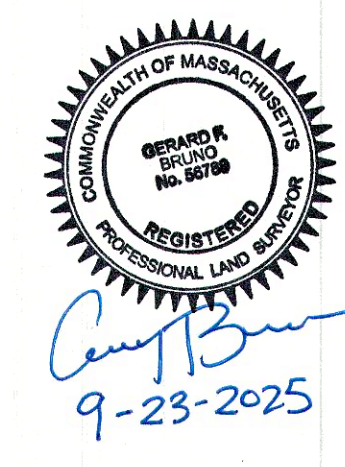
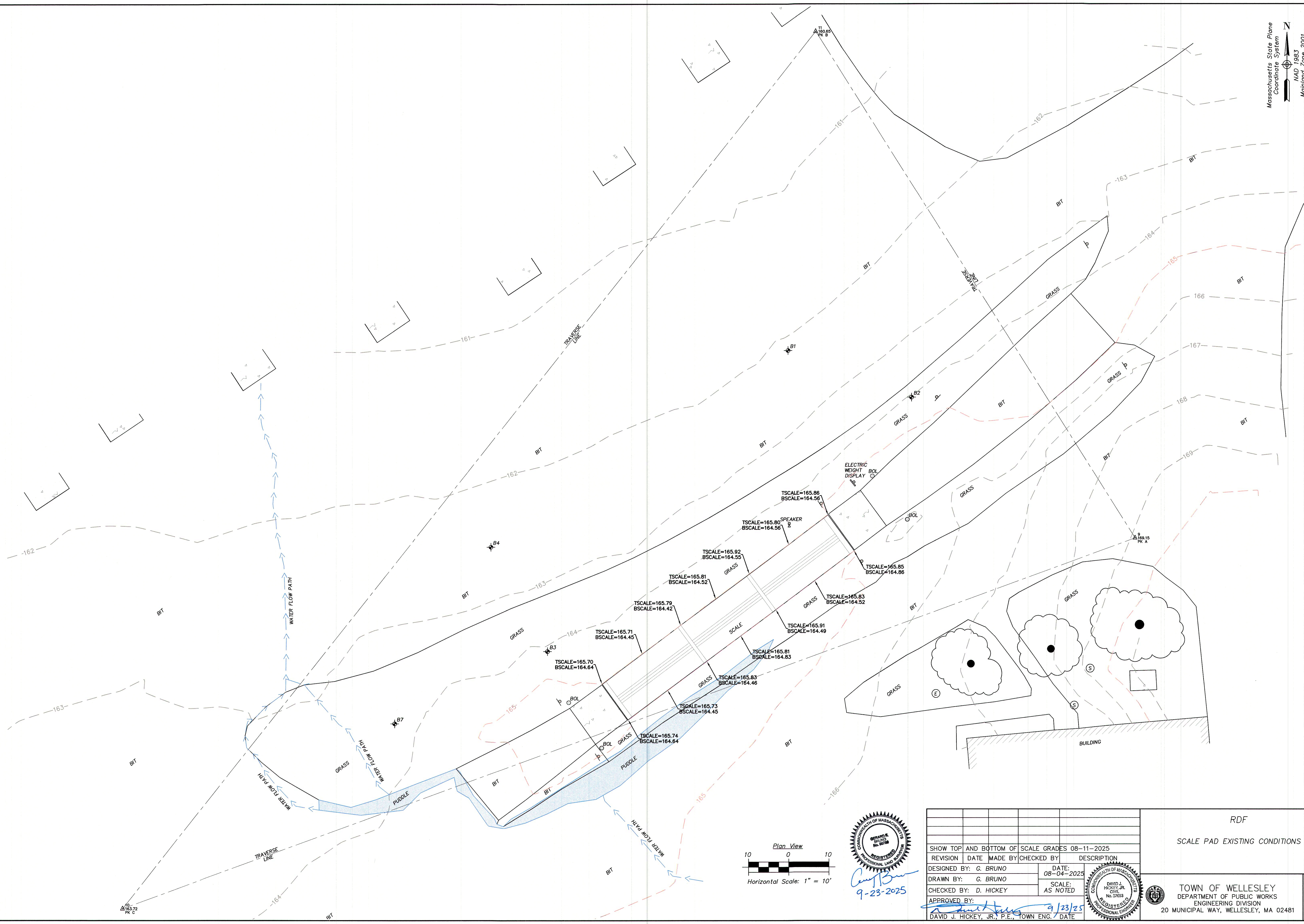
**BLW**  
MEP/FP ENGINEERS  
311 GREAT ROAD  
LITTLETON, MA 01460  
P: (978) 486-9384

**WILLIAM & SPARAGES**  
CIVIL ENGINEERS  
189 NORTH MAIN STREET SUITE 101  
MIDDLETON, MA 01949  
P: (978) 539-8088

## ZBA SITE PLAN REVIEW

09/09/2025





SHOW TOP AND BOTTOM OF SCALE GRADES 08-11-2025	REVISION	DATE	MADE BY	CHECKED BY	DESCRIPTION
DESIGNED BY: G. BRUNO	DATE: 08-04-2025				
DRAWN BY: G. BRUNO	SCALE: AS NOTED				
CHECKED BY: D. HICKEY					
APPROVED BY: <i>[Signature]</i>					
DAVID J. HICKEY, JR., P.E., TOWN ENG.		DATE			

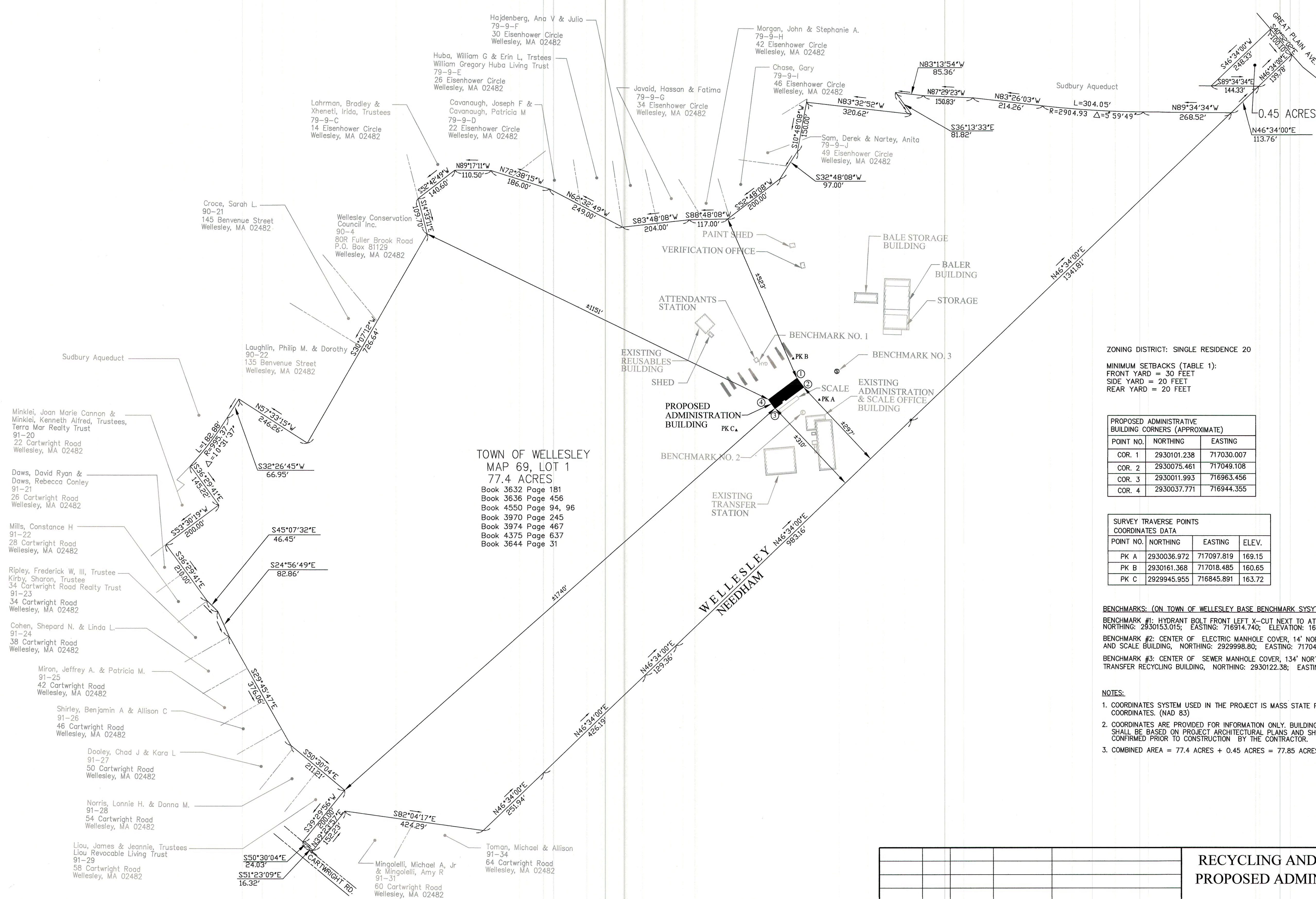
RDF

SCALE PAD EXISTING CONDITIONS

TOWN OF WELLESLEY  
DEPARTMENT OF PUBLIC WORKS  
ENGINEERING DIVISION  
20 MUNICIPAL WAY, WELLESLEY, MA 02481

SHEET:  
1 OF 1  
A





ZONING DISTRICT: SINGLE RESIDENCE 20

MINIMUM SETBACKS (TABLE 1):  
FRONT YARD = 30 FEET  
SIDE YARD = 20 FEET  
REAR YARD = 20 FEET

PROPOSED ADMINISTRATIVE BUILDING CORNERS (APPROXIMATE)		
POINT NO.	NORTHING	EASTING
COR. 1	2930101.238	717030.007
COR. 2	2930075.461	717049.108
COR. 3	2930011.993	716963.456
COR. 4	2930037.771	716944.355

SURVEY TRAVERSE POINTS COORDINATES DATA			
POINT NO.	NORTHING	EASTING	ELEV.
PK A	2930036.972	717097.819	169.15
PK B	2930161.368	717018.485	160.65
PK C	2929945.955	716845.891	163.72

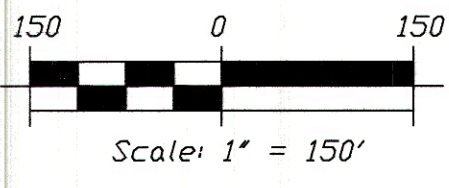
BENCHMARKS: (ON TOWN OF WELLESLEY BASE BENCHMARK SYSTEM)

BENCHMARK #1: HYDRANT BOLT FRONT LEFT X-CUT NEXT TO ATTENDANTS STATION  
NORTHING: 2930153.015; EASTING: 716914.740; ELEVATION: 162.17

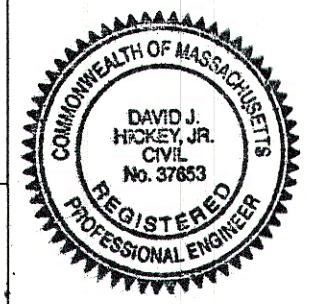
BENCHMARK #2: CENTER OF ELECTRIC MANHOLE COVER, 14' NORTH OF ADMINISTRATION AND SCALE BUILDING, NORTHING: 2929998.80; EASTING: 717047.86; ELEVATION: 166.65

BENCHMARK #3: CENTER OF SEWER MANHOLE COVER, 134' NORTH OF MATERIAL TRANSFER RECYCLING BUILDING, NORTHING: 2930122.38; EASTING: 717151.04; ELEVATION: 166.28

- NOTES:
- COORDINATES SYSTEM USED IN THE PROJECT IS MASS STATE PLANE COORDINATES. (NAD 83)
  - COORDINATES ARE PROVIDED FOR INFORMATION ONLY. BUILDINGS LAYOUT SHALL BE BASED ON PROJECT ARCHITECTURAL PLANS AND SHALL BE CONFIRMED PRIOR TO CONSTRUCTION BY THE CONTRACTOR.
  - COMBINED AREA = 77.4 ACRES + 0.45 ACRES = 77.85 ACRES



REVISION	DATE	MADE BY	CHECKED BY	DESCRIPTION
DESIGNED BY:	ALD/GFB	DATE:	09/11/25	
DRAWN BY:	ALD/GFB	SCALE:	AS SHOWN	
CHECKED BY:	GJS			
APPROVED BY:		DATE:	9/11/25	
David J. Hickey, Jr., P.E., Town Engineer				



RECYCLING AND DISPOSAL FACILITY  
PROPOSED ADMINISTRATIVE BUILDING

PLOT PLAN  
169 GREAT PLAIN AVENUE  
WELLESLEY, MA  
Town of Wellesley  
Department of Public Works  
Engineering Division  
2 Municipal Way  
Wellesley, MA 02481

SHEET  
1 OF 1  
B



PLAN INDEX		
SHEET DESIGNATION	DRAWING	SHEET
LOCATION PLAN	C1-01	1
EXISTING CONDITION PLAN	C2-01	2
SITE PLAN	C3-01	3
UTILITY PLAN	C4-01	4
CONSTRUCTION DETAILS	C5-01	5

SITE PLAN SET  
PROPOSED DPW/RDF BUILDING  
169 GREAT PLAIN AVENUE  
WELLESLEY, MA 02482

LEGEND OF SYMBOLS AND ABBREVIATIONS					
GAS GATE		DRAIN MANHOLE		OVERHEAD POWER	
MONITORING WELL		TEL./ ELEC. MANHOLE		TREE	
FIRE HYDRANT		SEWER MANHOLE		EXISTING CONTOUR	
WATER GATE		CONC = CONCRETE		EDGE OF PAVEMENT	
CATCH BASIN		SBDH = STONE BOUND DRILL HOLE		MASS HIGHWAY BOUND	
UTILITY POLE		FND = FOUND		EDGE OF PAVEMENT	
LIGHT POLE		WCR = WHEEL CHAIR RAMP		SLOPED GRANITE CURB	
DH = DRILL HOLE		N/F = NOW OR FORMERLY		VERTICAL GRANITE CURB	
PROP = PROPOSED		IROD = IRON ROD		WATER MAIN	
PROP SPOT ELEVATION		MJ = MECHANICAL JOINT		NATURAL GAS MAIN	
CB = CATCH BASIN		BIT = BITUMINOUS		GUARDRAIL	
DMH = DRAIN MANHOLE		FLOW DIRECTION ARROW		PROPOSED CONTOUR	
UP = UTILITY POLE		INV = INVERT		CONC = CONCRETE	
C.O. = CLEAN OUT		CLDI = CEMENT LINED DUCTILE IRON			
		C.V. = CHECK VALVE			

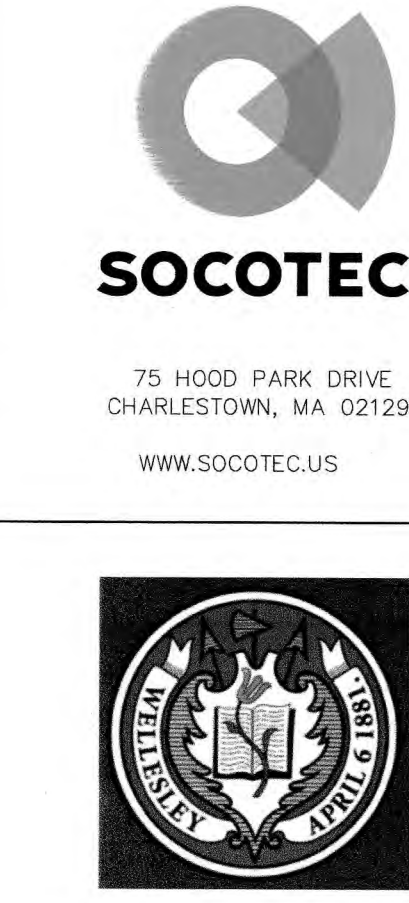


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- TOPOGRAPHIC INFORMATION SHOWN IS THE RESULT OF COMPILING PLANS PROVIDED BY THE TOWN OF WELLESLEY DEPARTMENT OF PUBLIC WORKS (DPW).
  - ALL ELEVATIONS REFER TO THE TOWN OF WELLESLEY BASE BENCHMARK SYSTEM.
  - A PORTION OF PROPERTY LIES WITHIN A ZONE A (NO BASE FLOOD ELEVATION ESTABLISHED) AS SHOWN ON FLOOD INSURANCE RATE MAP NUMBER 25021C0017E, EFFECTIVE DATE: JULY 17, 2012.
  - WETLANDS DELINEATED BY OTHERS.
  - THERE ARE NO PROPOSED WETLAND ALTERATIONS ASSOCIATED WITH THIS PROJECT.
  - EXISTING UTILITIES SHOWN ARE THE RESULT OF AN ACTUAL INSTRUMENT SURVEY PERFORMED BY THE TOWN OF WELLESLEY DPW. NO REPRESENTATION OR WARRANTY IS MADE REGARDING THE ACCURACY OF THE LOCATION OR PRESENCE OF SUBSURFACE UTILITIES AND THOSE UTILITIES SHOWN SHOULD BE CONSIDERED APPROXIMATE.
  - ALL UTILITIES SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION AND SHALL NOTIFY THE OWNER'S REPRESENTATIVE IF EXISTING CONDITIONS DIFFER FROM THOSE SHOWN ON THE PLAN THAT WILL PREVENT THE PROPOSED WORK FROM BEING COMPLETED AS INTENDED.
  - IF DURING CONSTRUCTION A CONFLICT SHOULD ARISE BETWEEN AN EXISTING UTILITY AND PROPOSED WORK THE CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE IN WRITING FOR RESOLUTION OF THE CONFLICT.
  - CONTRACTOR TO CALL DIGSAFE PRIOR TO CONSTRUCTION (411), TO UPDATE TICKET AND/OR VERIFY TICKET VALIDATION. DIGSAFE TICKET IS VALID 30 DAYS FROM THE DATE OF ISSUE. BEYOND THIS POINT, TICKETS ARE VALID INDEFINITELY, PROVIDED THAT 1) THE MARKS ARE MAINTAINED, AND 2) THE WORK IS CONTINUOUS.
  - THE PROPOSED WATER CONNECTION SIZE, TYPE & LOCATION ARE TO BE DESIGNED IN ACCORDANCE WITH 248 CMR 10.00: UNIFORM STATE PLUMBING CODE.
  - ALL PROPOSED DRAIN PIPES ARE TO BE HDPE OR APPROVED EQUIVALENT UNLESS OTHERWISE SPECIFIED.
  - THE INSTALLATION OF DRAINAGE STRUCTURES, ESPECIALLY THE HDPE PIPE AND UNDERGROUND DETENTION SYSTEM, SHALL ADHERE STRICTLY TO THE MANUFACTURERS INSTALLATION REQUIREMENTS TO MEET AASHTO LOADING REQUIREMENTS.
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  - ALL PROPOSED ELECTRICAL CONNECTIONS SHALL BE UNDERGROUND.

- Designed By: PMB  
Drawn By: PMB  
Reviewed By: PMB  
Project Manager: PMB  
Job File Number: WELL-0020  
Drawing File Folder: WELL20
- ☐ Drawing Issued for Review  
☒ Drawing Issued for Permit  
☐ Drawing Issued for Construction



**WILLIAMS  
&  
SPARAGES**  
ENGINEERS - SCIENTISTS - SURVEYORS  
189 NORTH MAIN STREET  
SUITE 101  
MIDDLETON, MA 01949  
PHONE: (978) 539-8088  
FAX: (978) 539-8000  
WSENGINEERS.COM

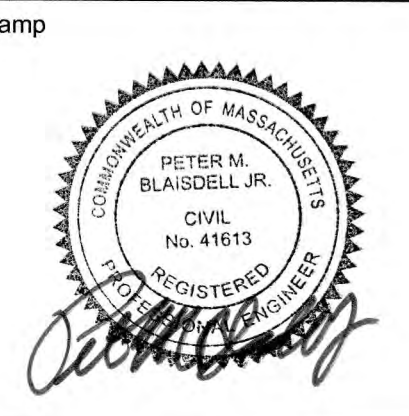


**CLIENT NAME**  
TOWN OF WELLESLEY  
20 MUNICIPAL WAY  
WELLESLEY MA 02481

**WELLESLEY  
DPW/RDF  
ADMINISTRATION  
BUILDING**

Socotec Project Number  
**AE234571.2**

No.	Description	Date
1	XX	xx/xx/xxxx



Drawing Title

**LOCATION PLAN  
169 GREAT PLAIN AVENUE  
ASSESSORS PROPERTY ID: 69-1**

Submission

**BID SET**

Date  
AUGUST 27, 2025

Drawing Scale:  
1" = 200'

0' 100' 200' 400'

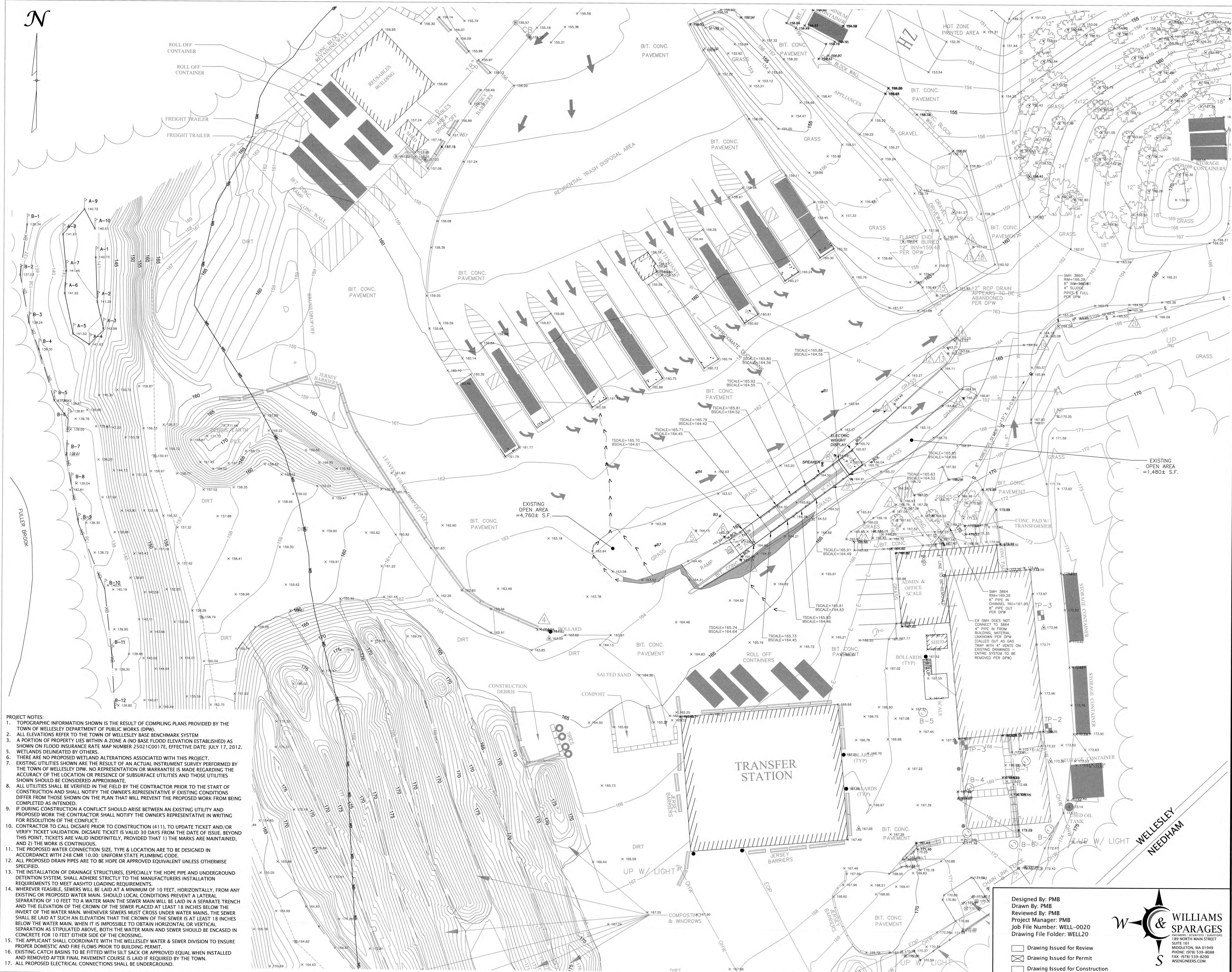
Drawn By: PMB Project Manager: MFD

Drawing Number:

**C1-01**



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CLIENT NAME  
TOWN OF WELLESLEY  
20 MUNICIPAL WAY  
WELLESLEY MA 02481

Project Title

**WELLESLEY  
DPWRDF  
ADMINISTRATION  
BUILDING**

Socotec Project Number

**AE234571.2**

Issuance

No.	Description	Date
1	XX	xx/xx/xxxx

Stamp



Drawing Title

**EXISTING CONDITION PLAN  
169 GREAT PLAIN AVENUE  
ASSESSORS PROPERTY ID: 69-1**

Submission

**BID SET**

Date  
August 27, 2025

Drawing Scale:

1" = 20'  
0' 10' 20' 40'

Drawn By: PMB  
Project Manager: MFD

Drawing Number:

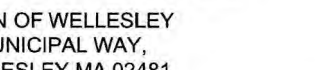
**C2-01**

Designed By: PMB  
Drawn By: PMB  
Reviewed By: PMB  
Project Manager: PMB  
Job File Number: WELL-0020  
Drawing File Folder: WELL20

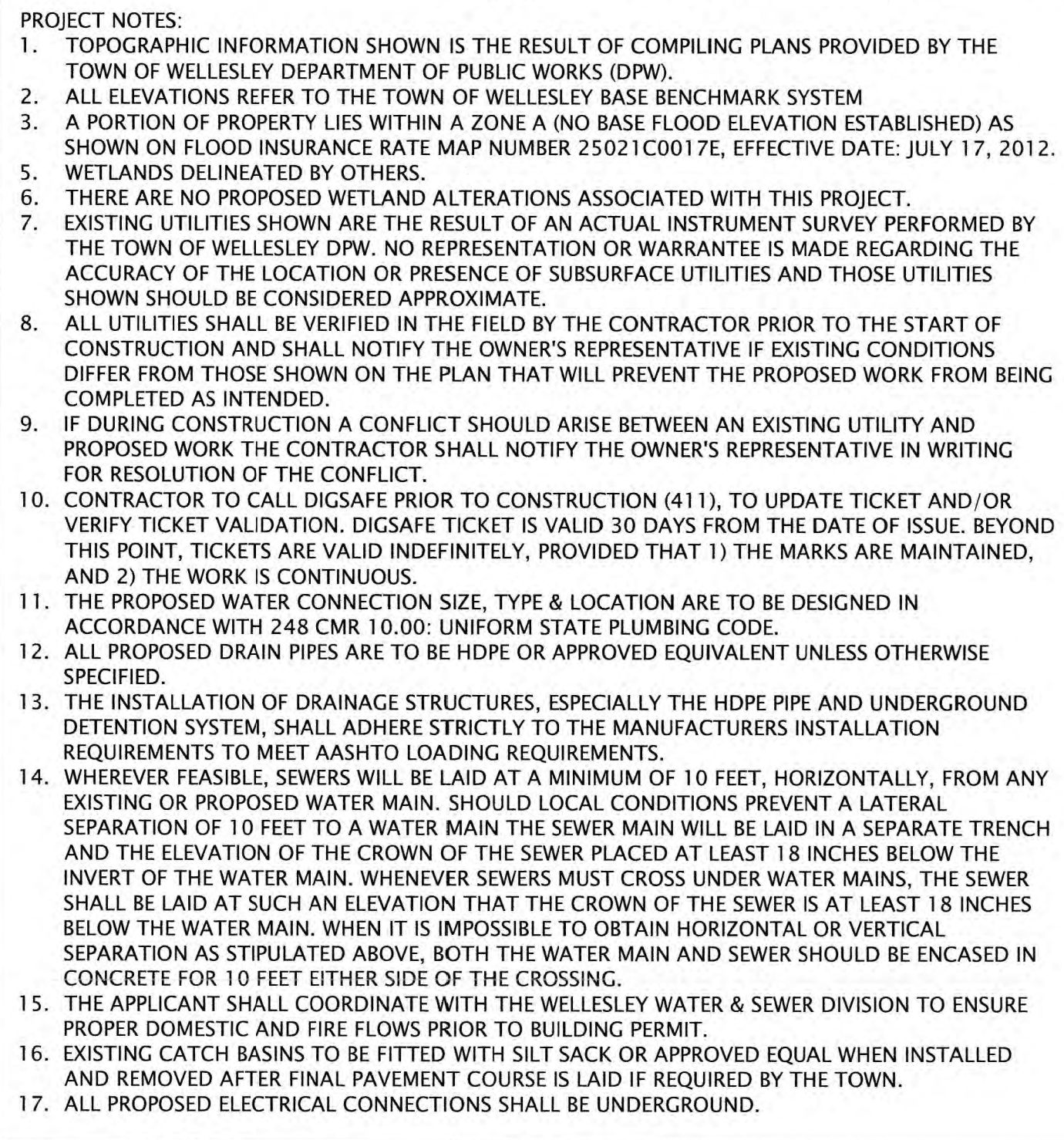
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☐ Drawing Issued for Construction



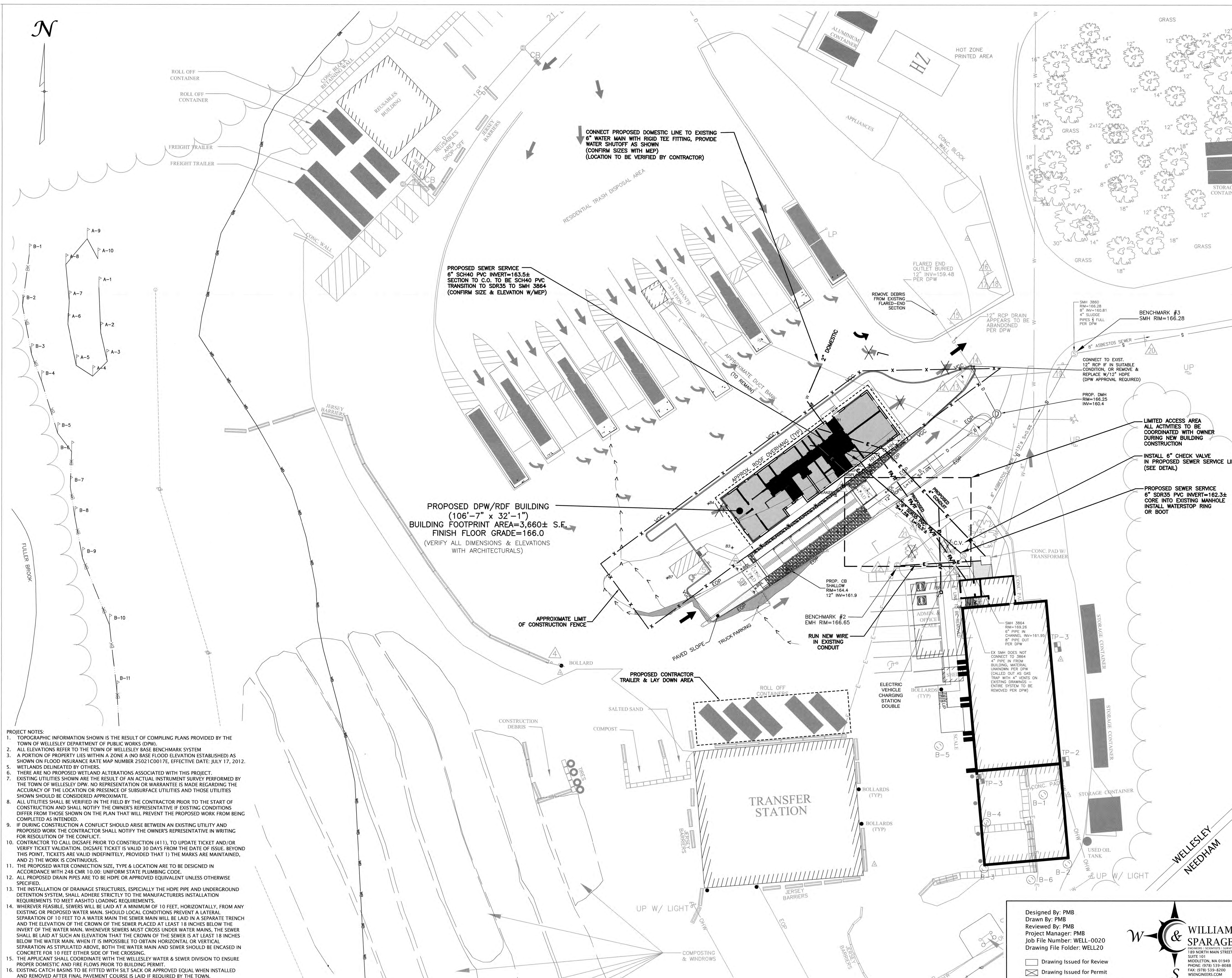




**WELLESLEY  
DPW/RDF  
ADMINISTRATION  
BUILDING**







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75 HOOD PARK DRIVE  
CHARLESTOWN, MA 02129  
WWW.SOCOTEC.US

CLIENT NAME  
TOWN OF WELLESLEY  
30 MUNICIPAL WAY  
WELLESLEY MA 02481

Project Title

**WELLESLEY  
DPW/RDF  
ADMINISTRATION  
BUILDING**

Socotec Project Number  
**AE234571.2**

Issuance No.	Description	Date
1	XX	xx/xx/xxxx

Stamp

Drawing Title

**UTILITY PLAN  
169 GREAT PLAIN AVENUE  
ASSESSORS PROPERTY ID: 69-1**

Submission

**BID SET**

Date  
AUGUST 27, 2025

Drawing Scale:  
1" = 20'

0' 10' 20' 40'

Drawn By: PMB  
Project Manager: MFD

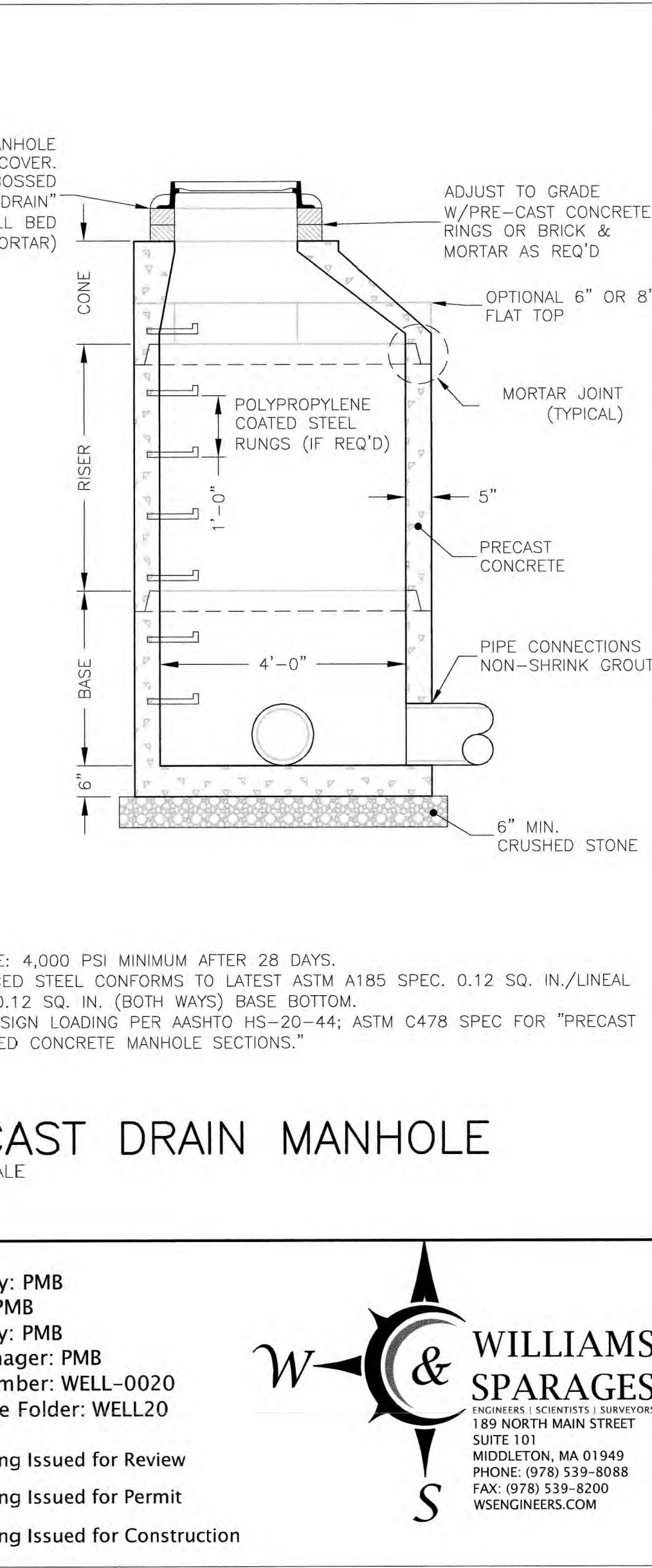
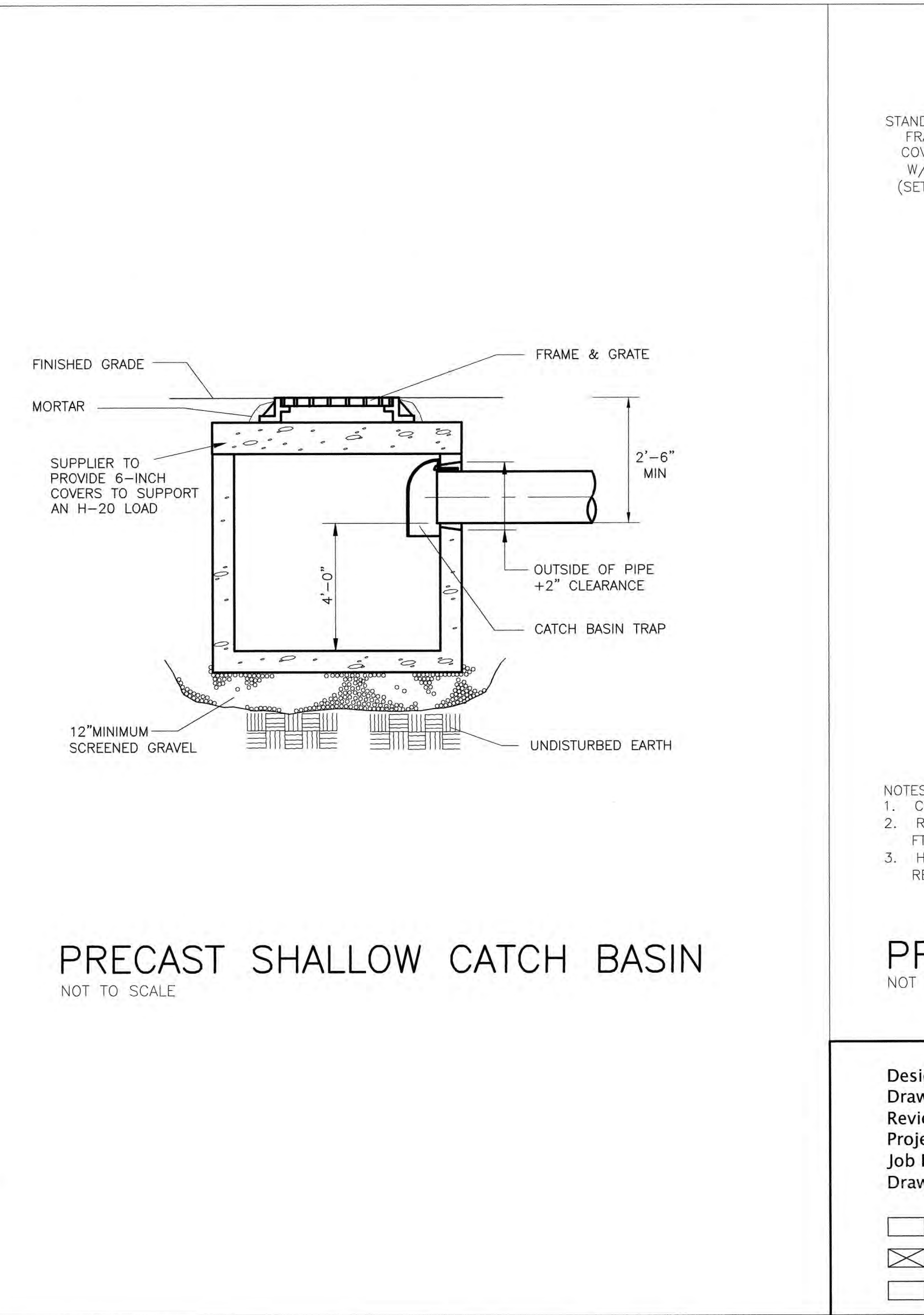
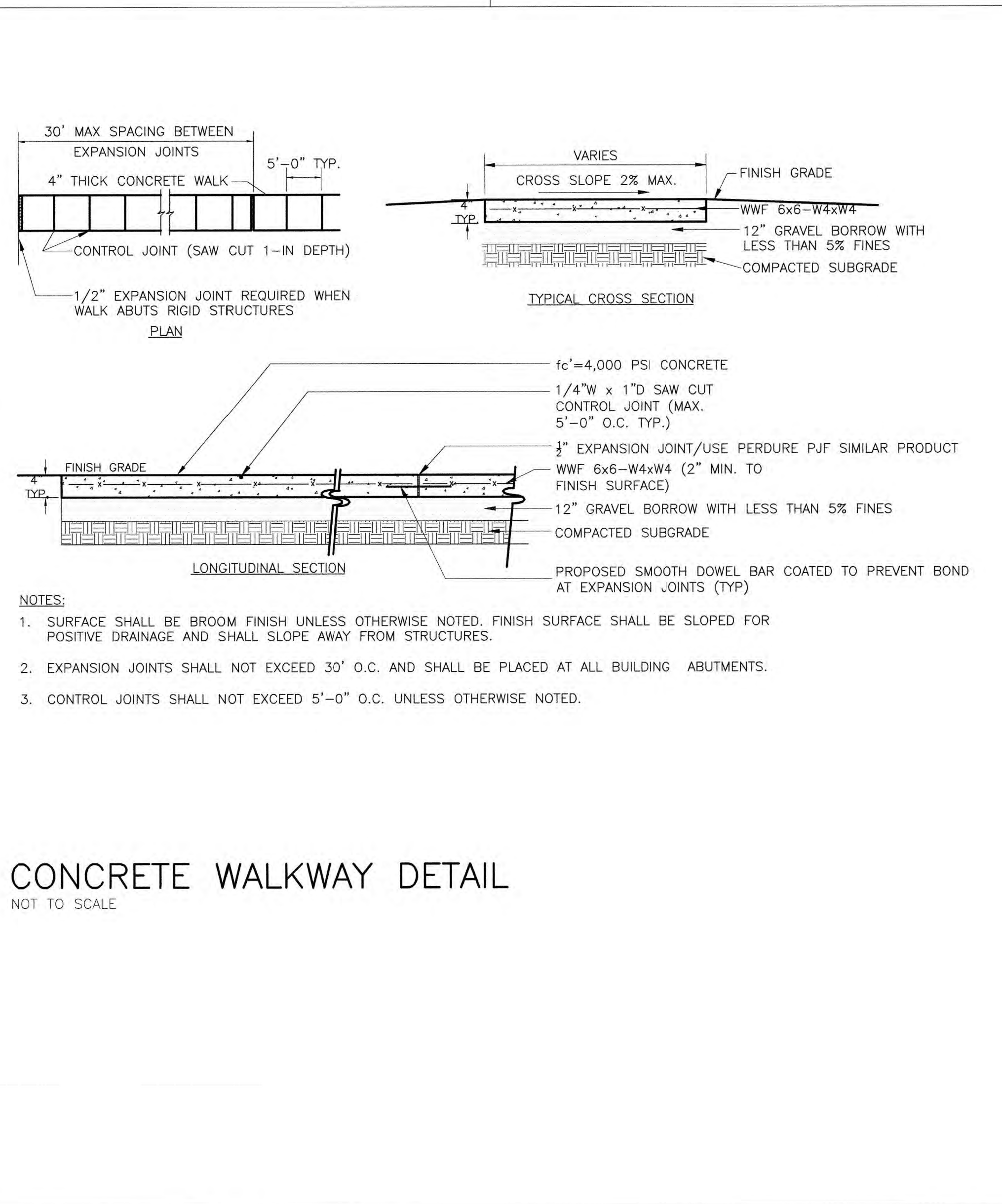
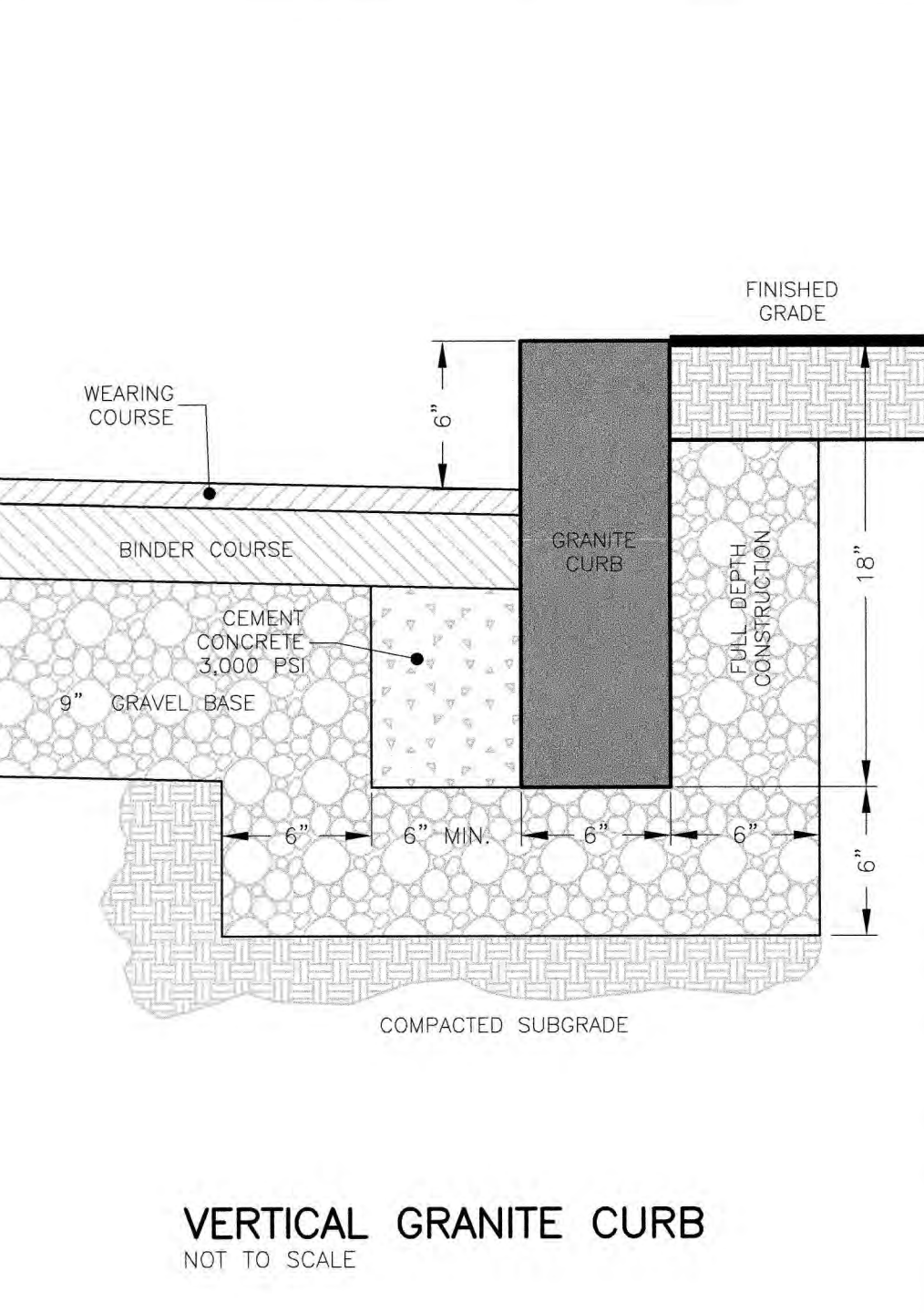
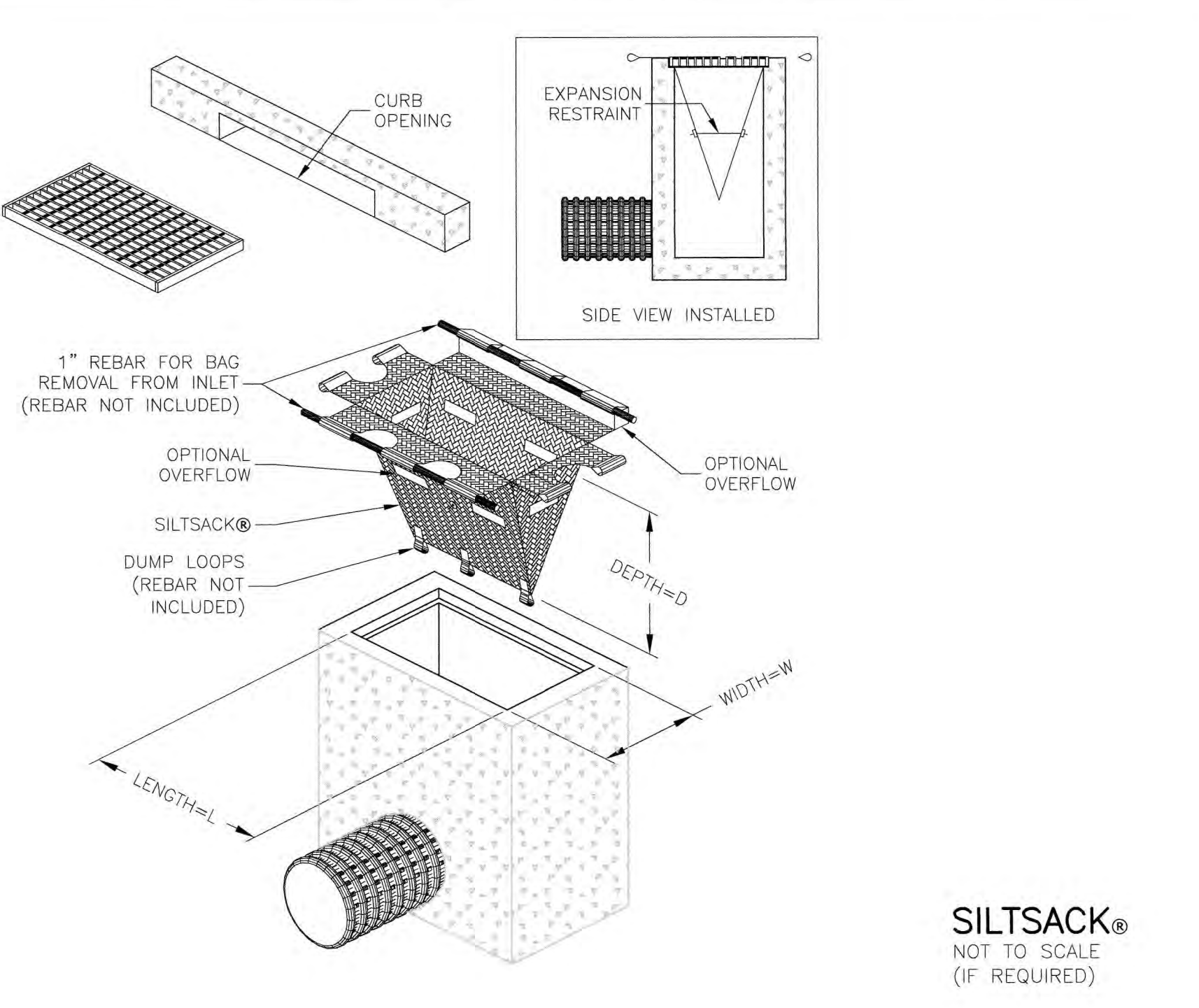
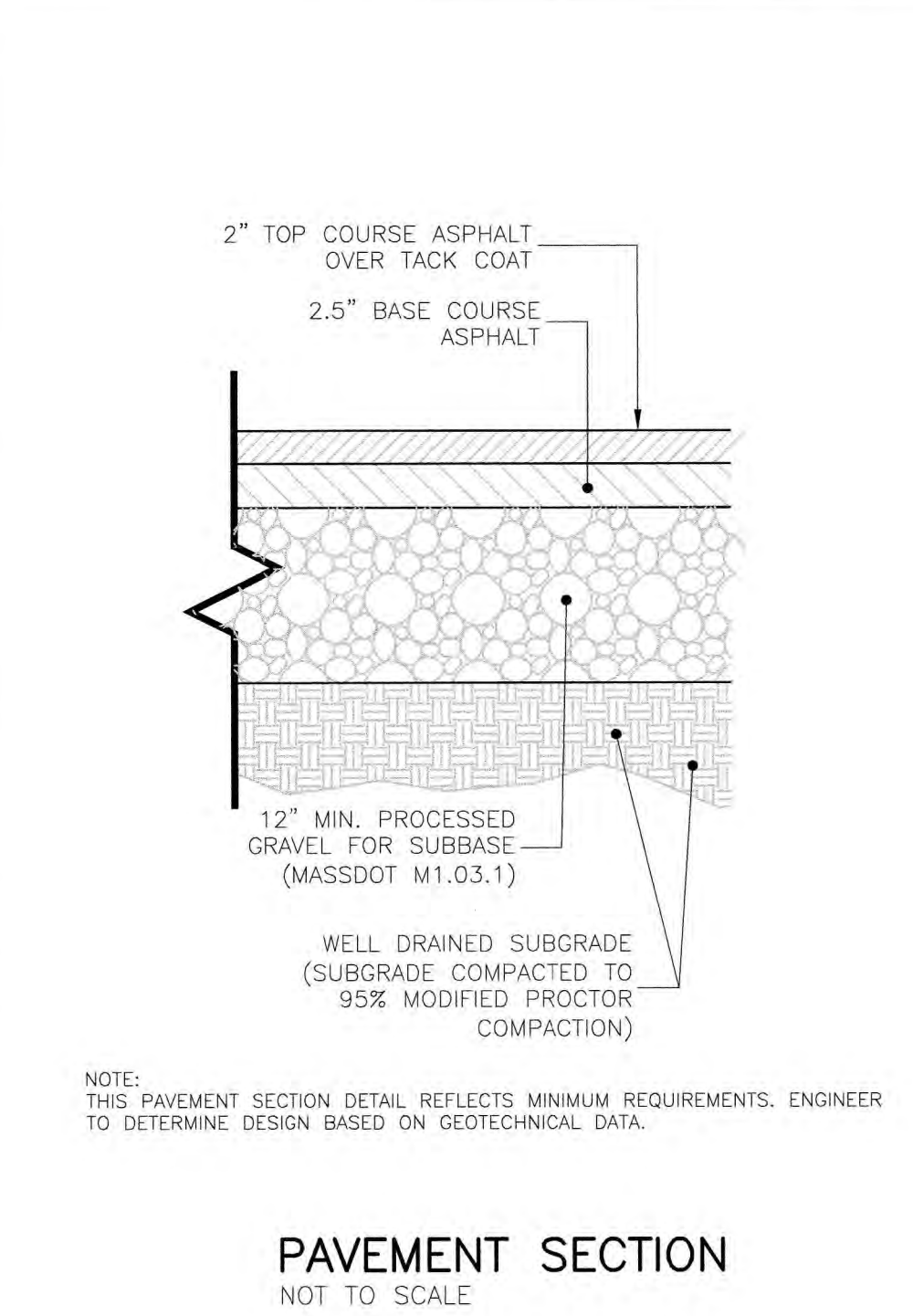
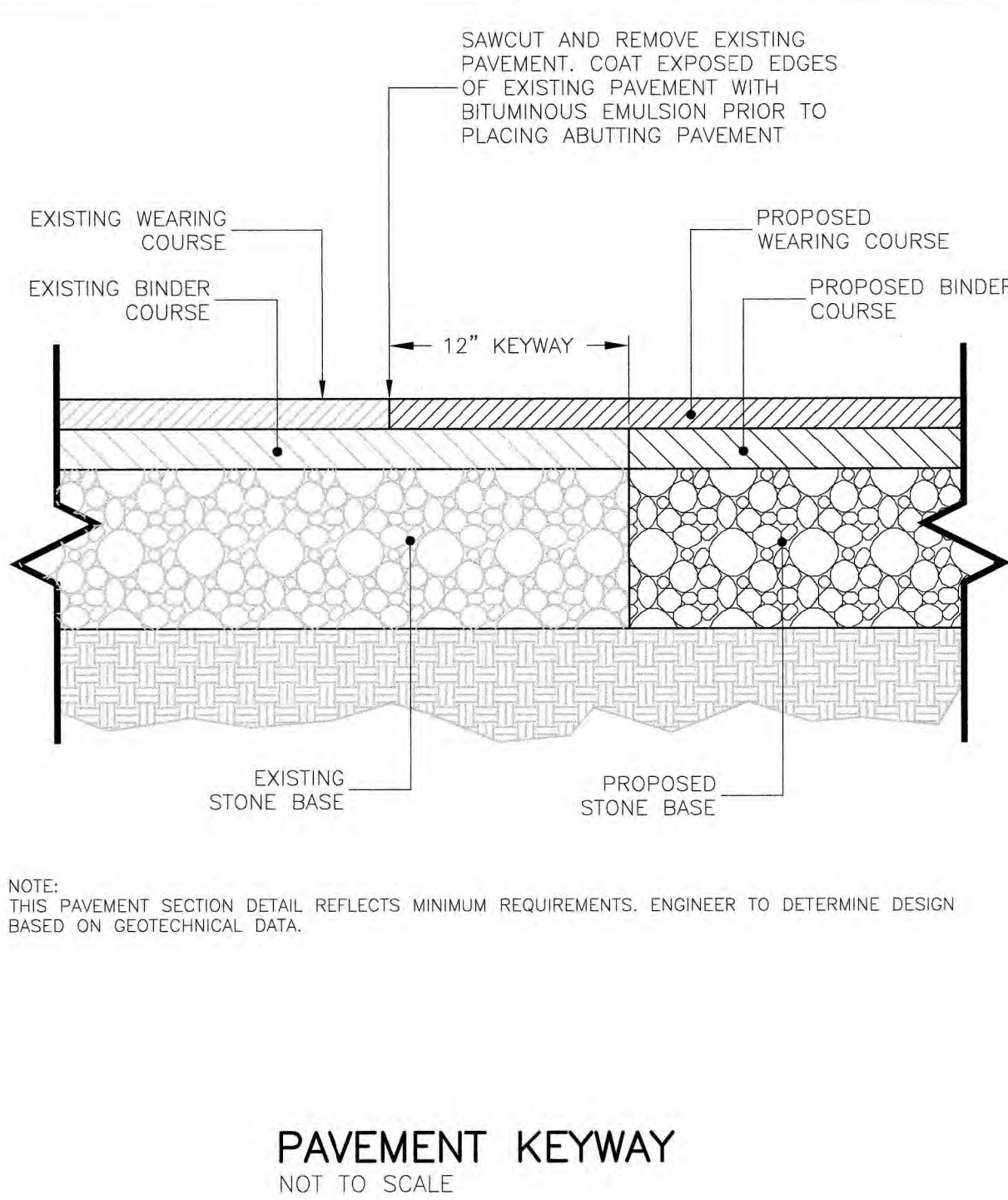
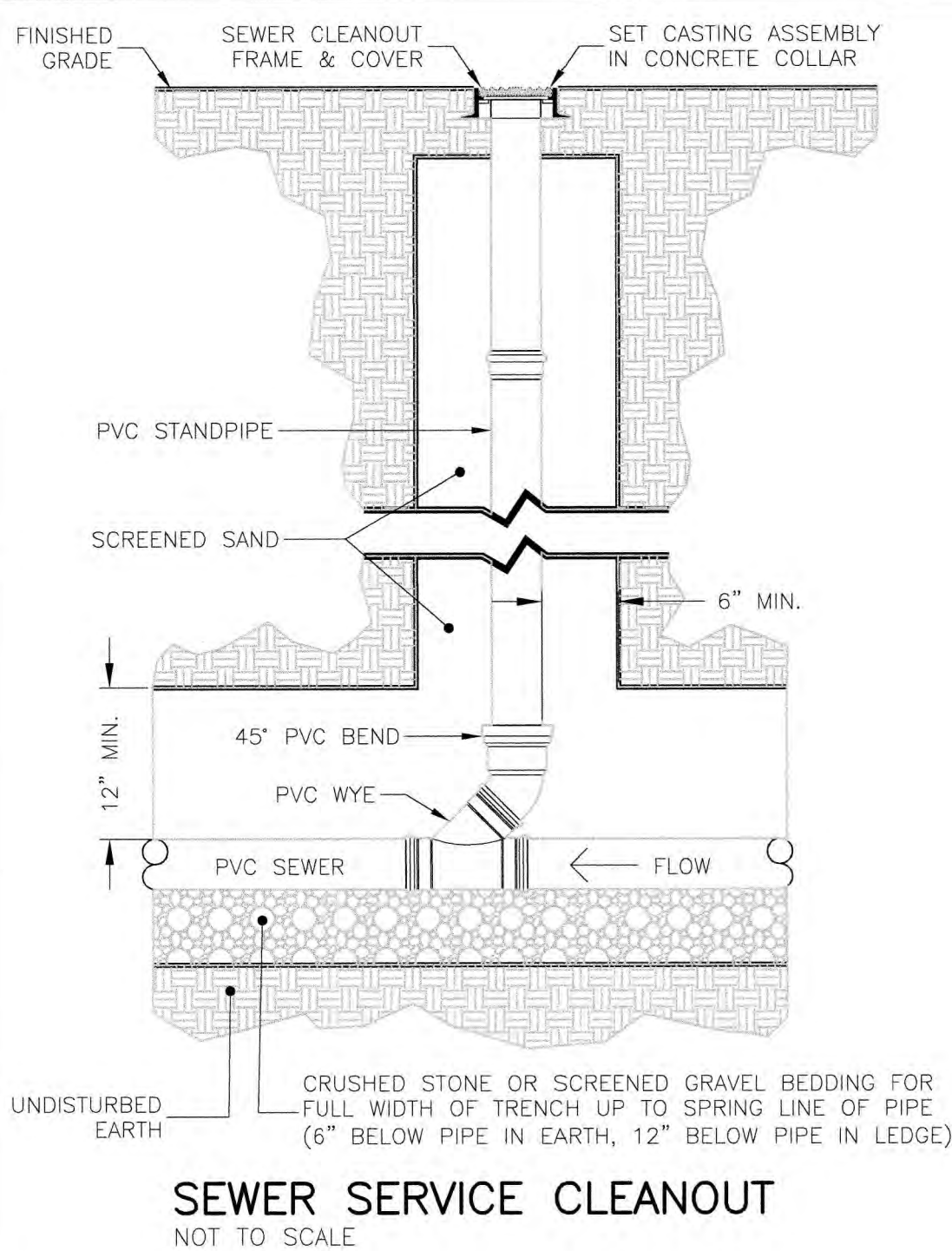
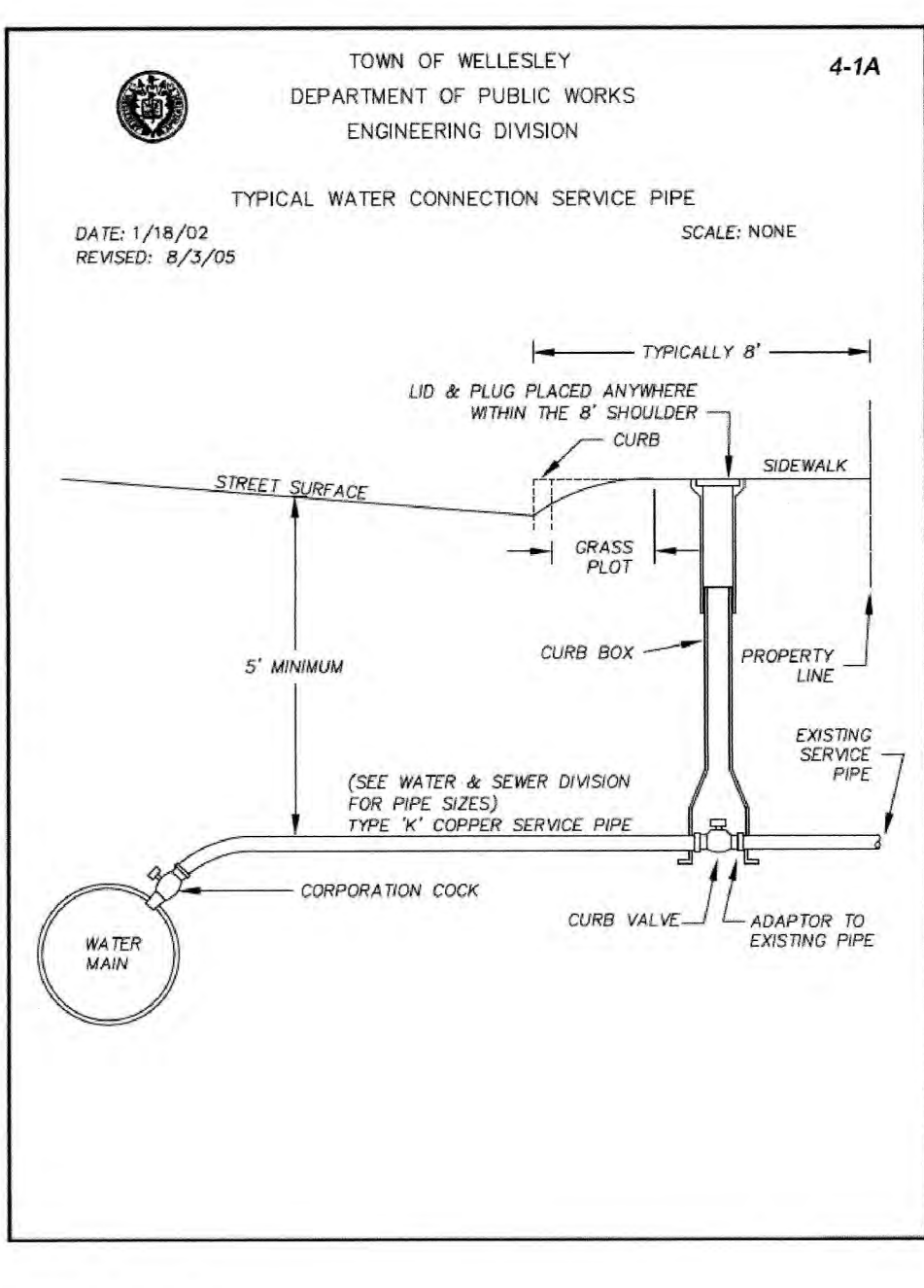
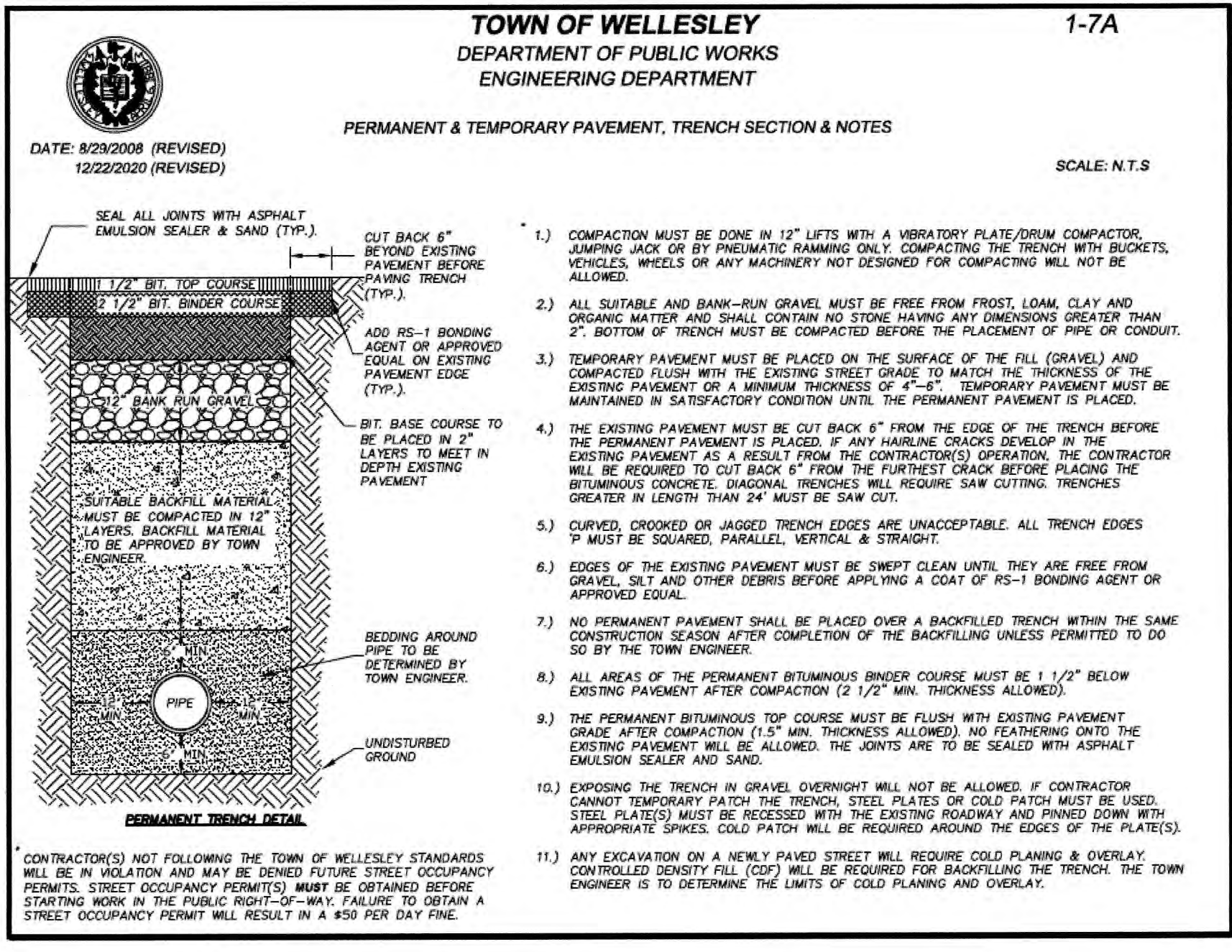
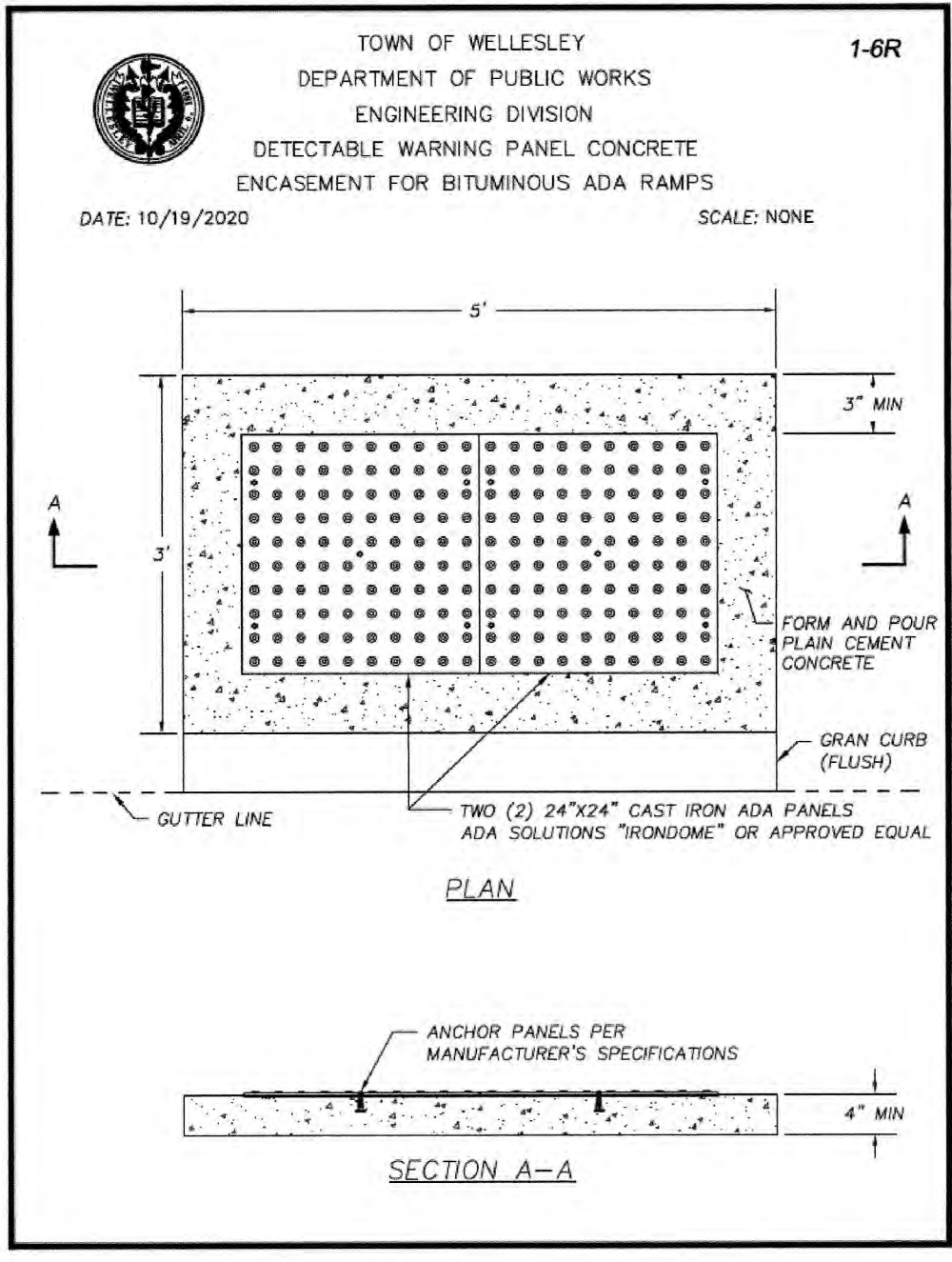
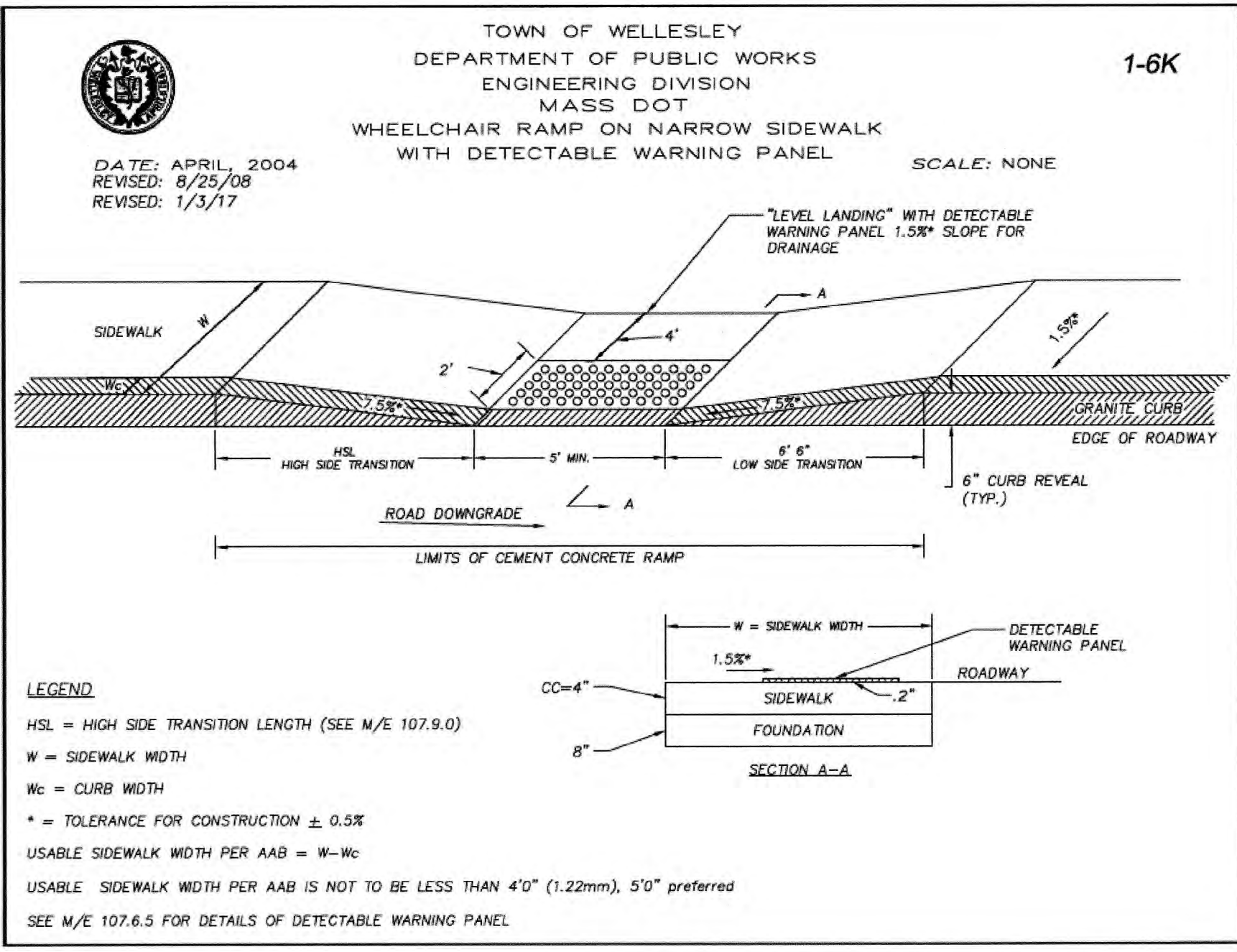
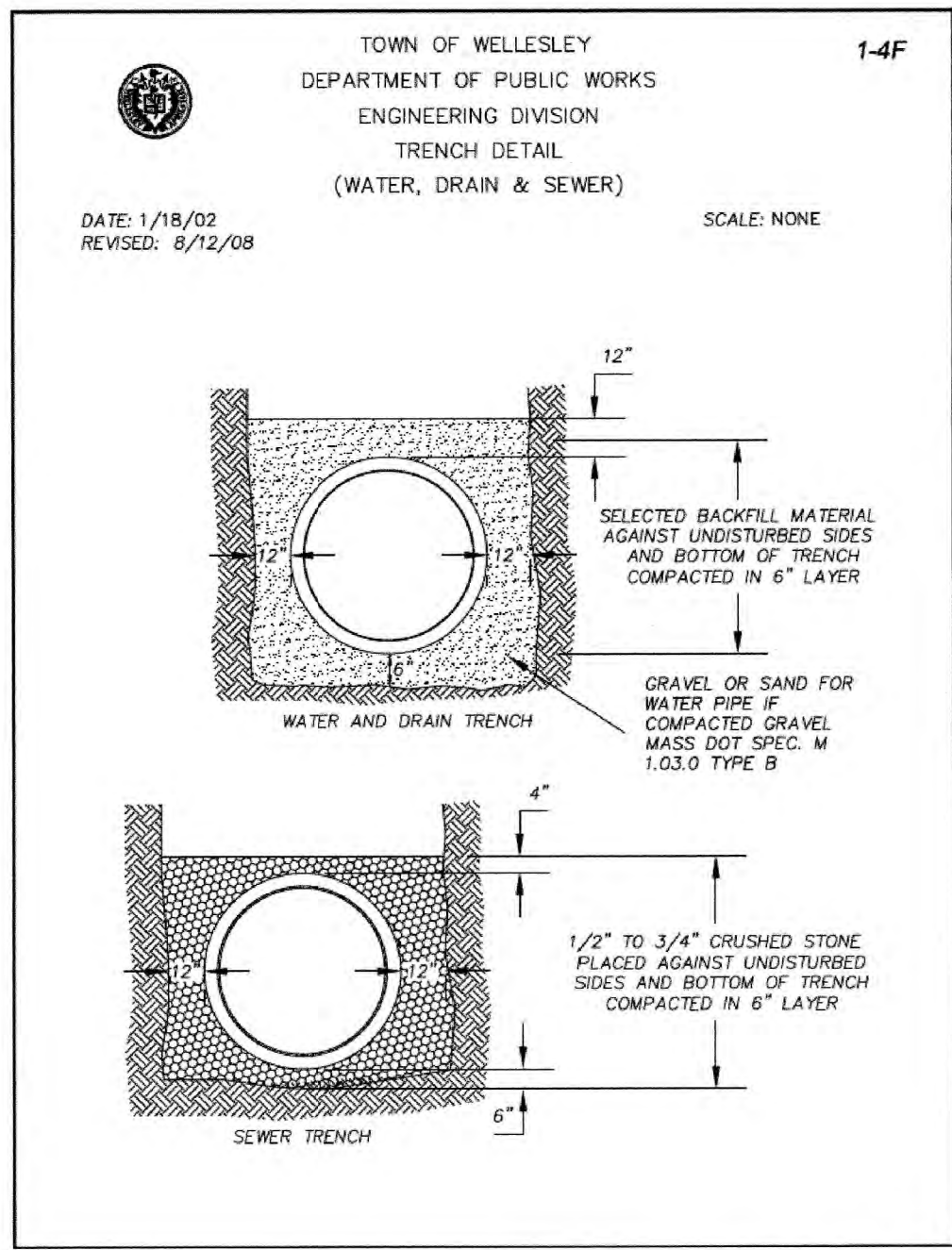
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Designed By: PMB  
Drawn By: PMB  
Reviewed By: PMB  
Project Manager: PMB  
Job File Number: WELL-0020  
Drawing File Folder: WELL20

☐ Drawing Issued for Review  
☒ Drawing Issued for Permit  
☐ Drawing Issued for Construction

**WILLIAMS  
&  
SPARGUES**  
189 NORTH MAIN STREET  
SUITE 101  
MIDDLETON, MA 01949  
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WSENGINEERS.COM





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CHARLESTOWN, MA 02129  
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CLIENT NAME  
TOWN OF WELLESLEY  
20 MUNICIPAL WAY,  
WELLESLEY MA 02481

Project Title

**WELLESLEY  
DPW/RDF  
ADMINISTRATION  
BUILDING**

Socotec Project Number  
**AE234571.2**

No.	Description	Date
1	XX	xx/xx/xxxx

Stamp

Drawing Title

**CONSTRUCTION DETAILS**  
**169 GREAT PLAIN AVENUE**  
**ASSESSORS PROPERTY ID: 69-1**

Submission

**BID SET**

Date  
AUGUST 27, 2025

Drawing Scale:  
1" = N.T.S.

Drawn By: PMB  
Project Manager: MFD

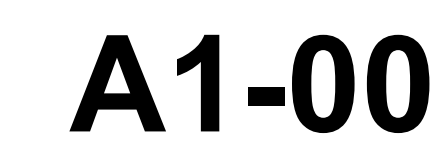
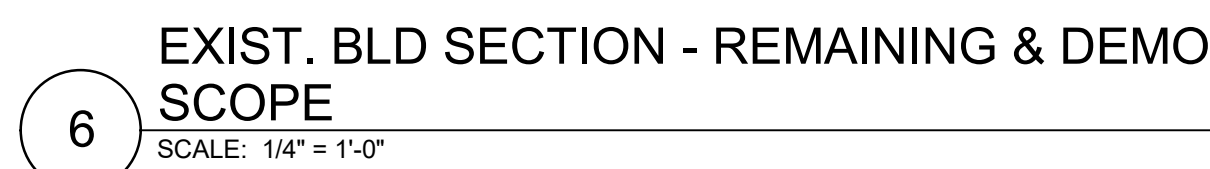
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Reviewed By: PMB  
Project Manager: PMB  
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Drawing File Folder: WELL20

☐ Drawing Issued for Review  
☒ Drawing Issued for Permit  
☐ Drawing Issued for Construction

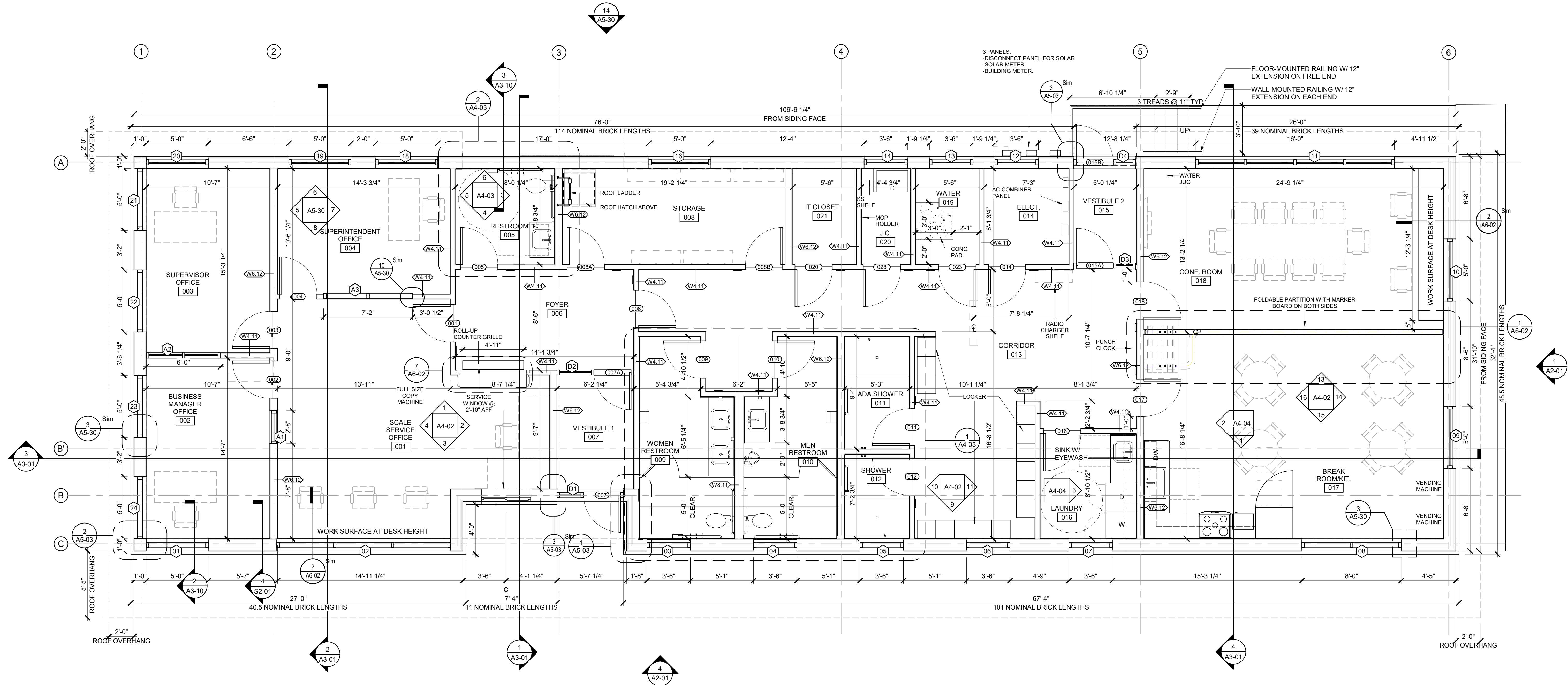
**WILLIAMS  
&  
SPARAGES**  
ENGINEERS, ARCHITECTS, SCENARIOS  
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# GENERAL ROOF PLAN NOTES

1. CHECK STRUCT. DWG FOR SHEAR WALL LOCATIONS, BEFORE ANY PENETRATION AND MODIFICATIONS.
2. CHECK BATHROOM ENLARGE DWG FOR ANY RELATED DETAILS.
3. FOR DOOR LOCATIONS, REFER TO THE DOOR DETAIL DWG.
4. DIMENSIONS ARE FROM FACE OF THE FINISHED SURFACE, UNO.
5. ALL WALL PLATES TOUCHING CONCRETE SHALL BE PT WD.



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Town of Wellesley

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Project Title

**Wellesley  
DPW/RDF  
Administration  
Building**

Socotec Project Number

**AE234571.2**

Issuance

No.	Description	Date
1	Addendum 1	9/9/2025

Stamp



Drawing Title

**FIRST FLOOR PLAN**

Submission

**BID SET**

Date

08/27/2025

Drawing Scale:

As Indicated

Drawn By:

Author

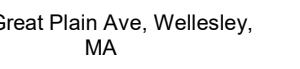
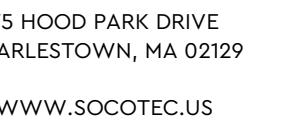
Project Manager:

Checker

Drawing Number:

**A1-01**





Project Title

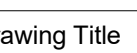
**Wellesley  
DPW/RDF  
Administration  
Building**

scotec Project Number

E234571.2

No.	Description	Date
	Addendum 1	9/9/2025

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# ROOF PLAN

Submission

## BID SET

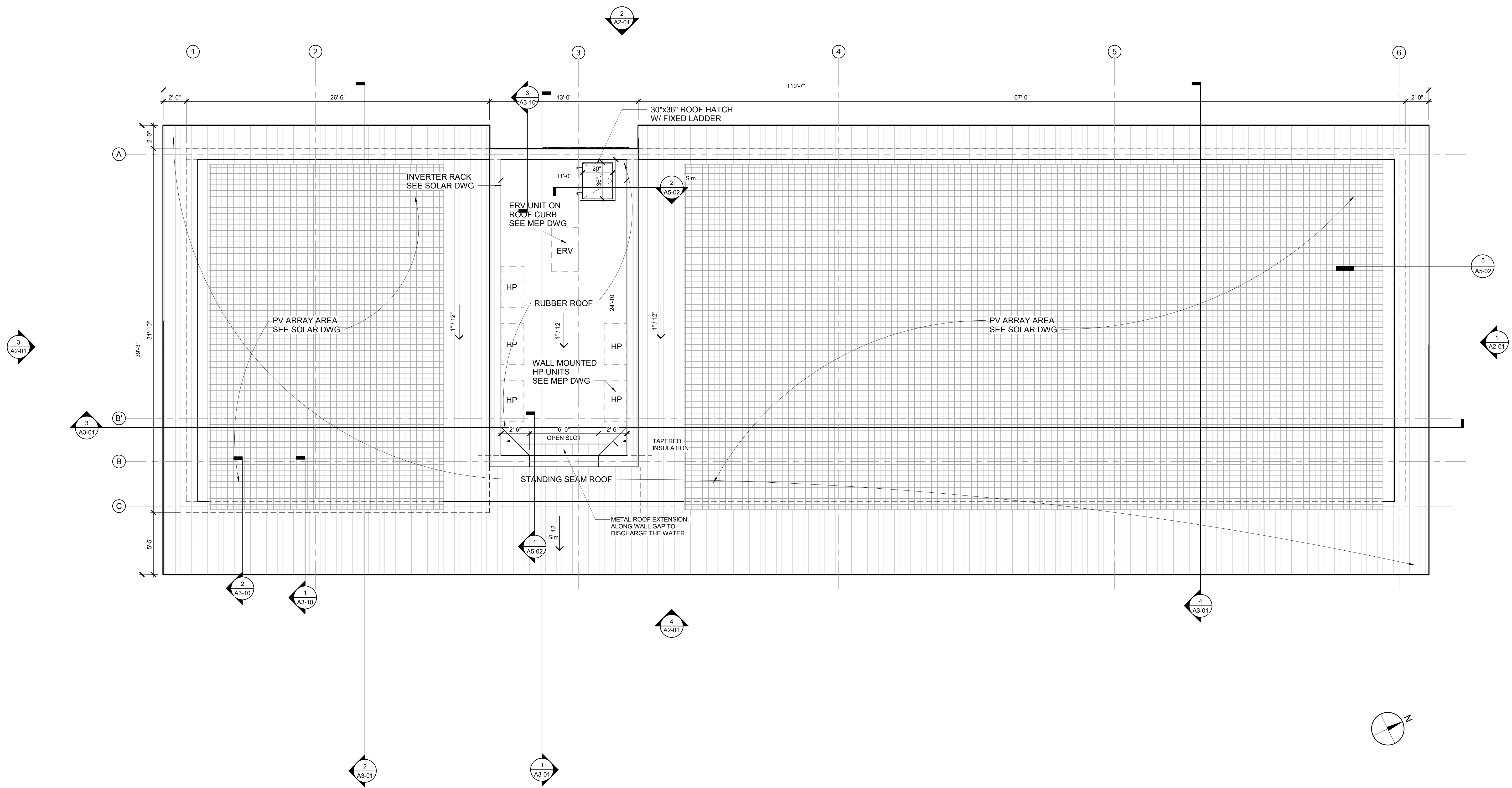
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Drawing Scale:  
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Drawn By: Project Manager:  
Author Checker

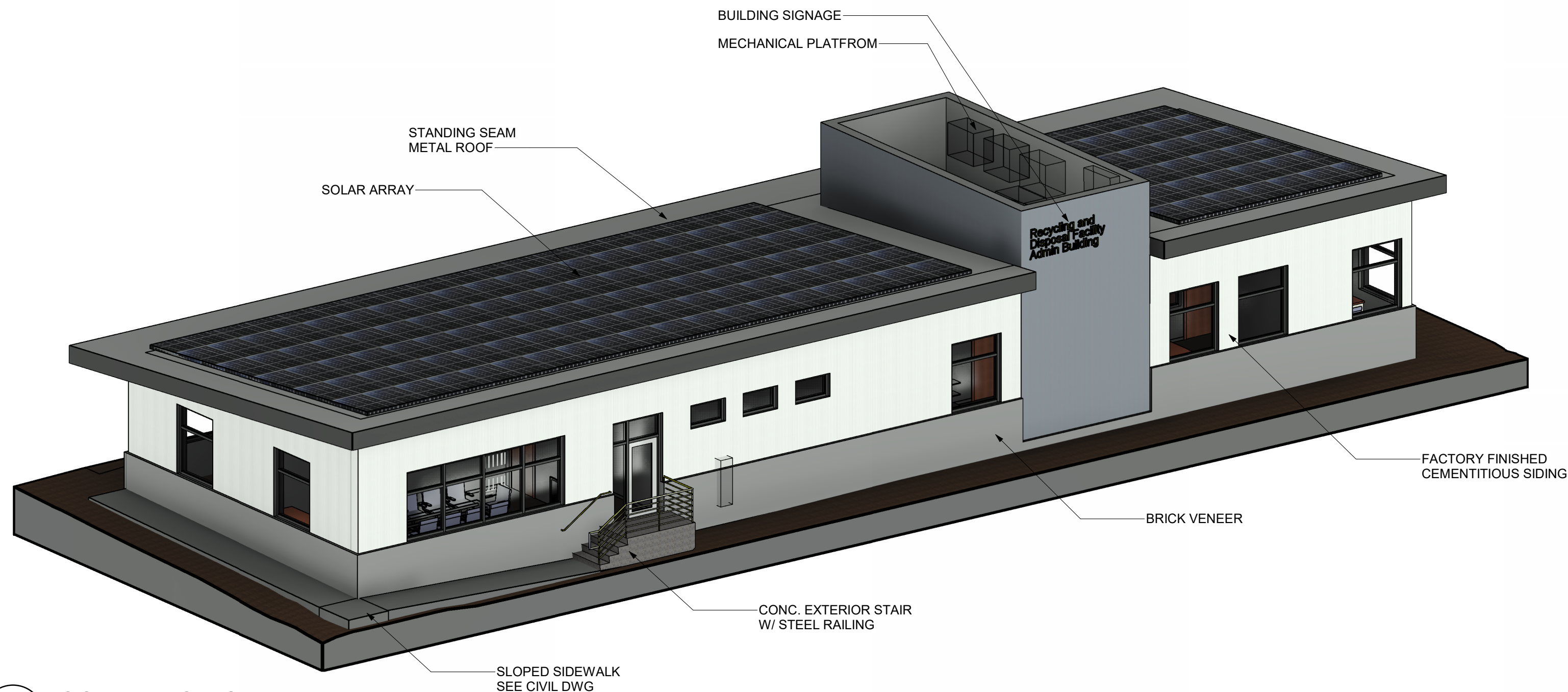
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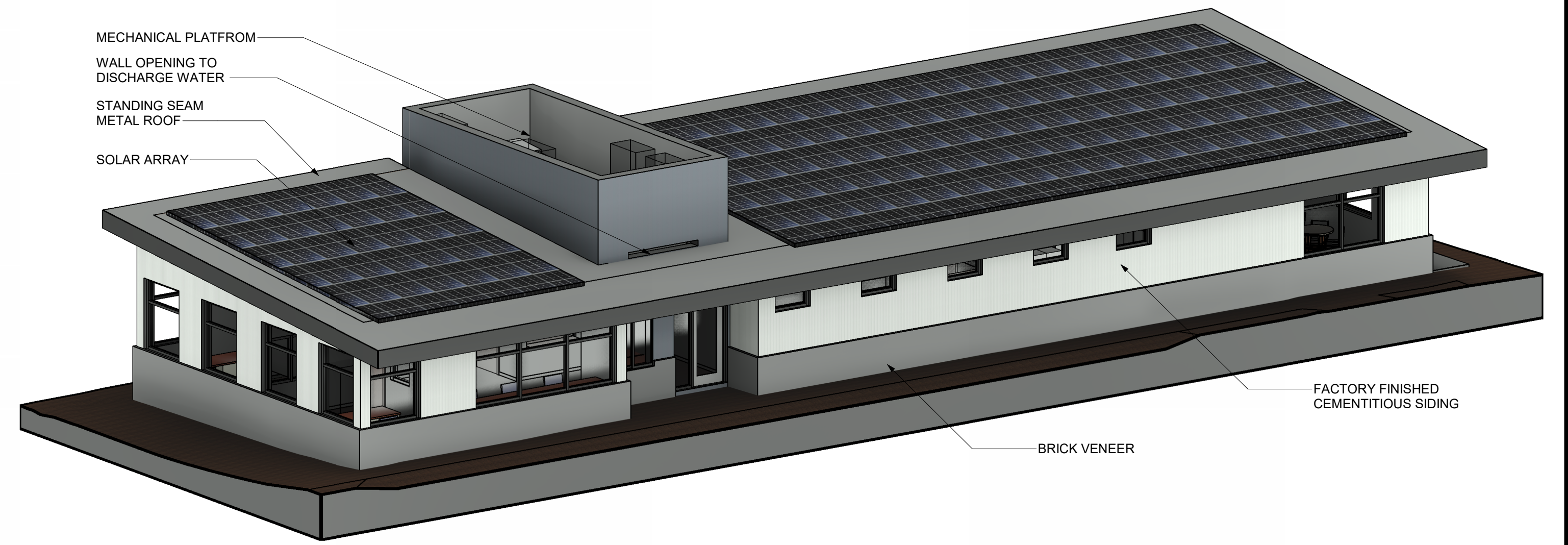




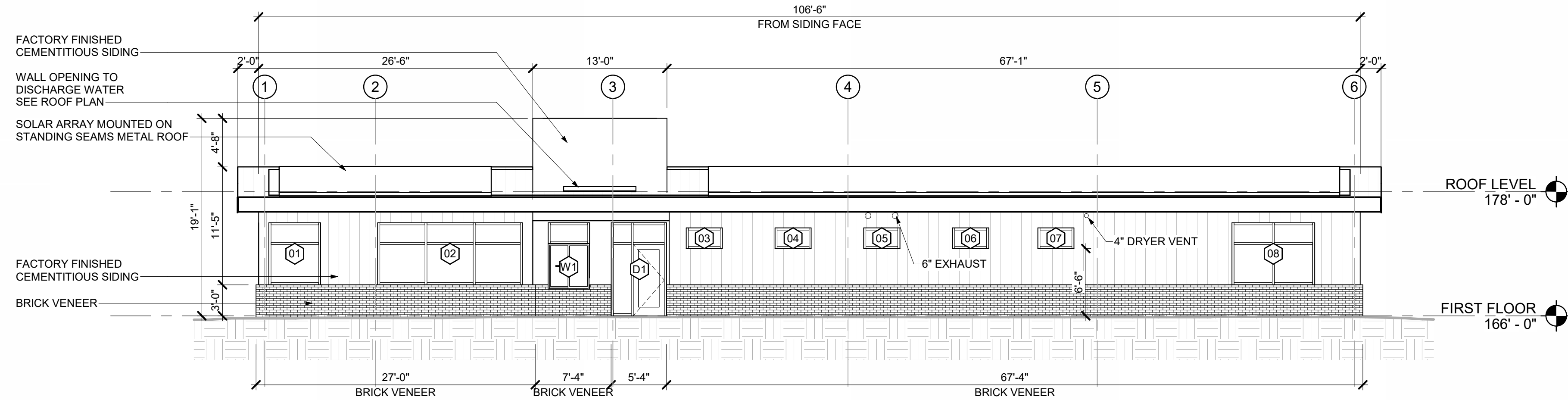
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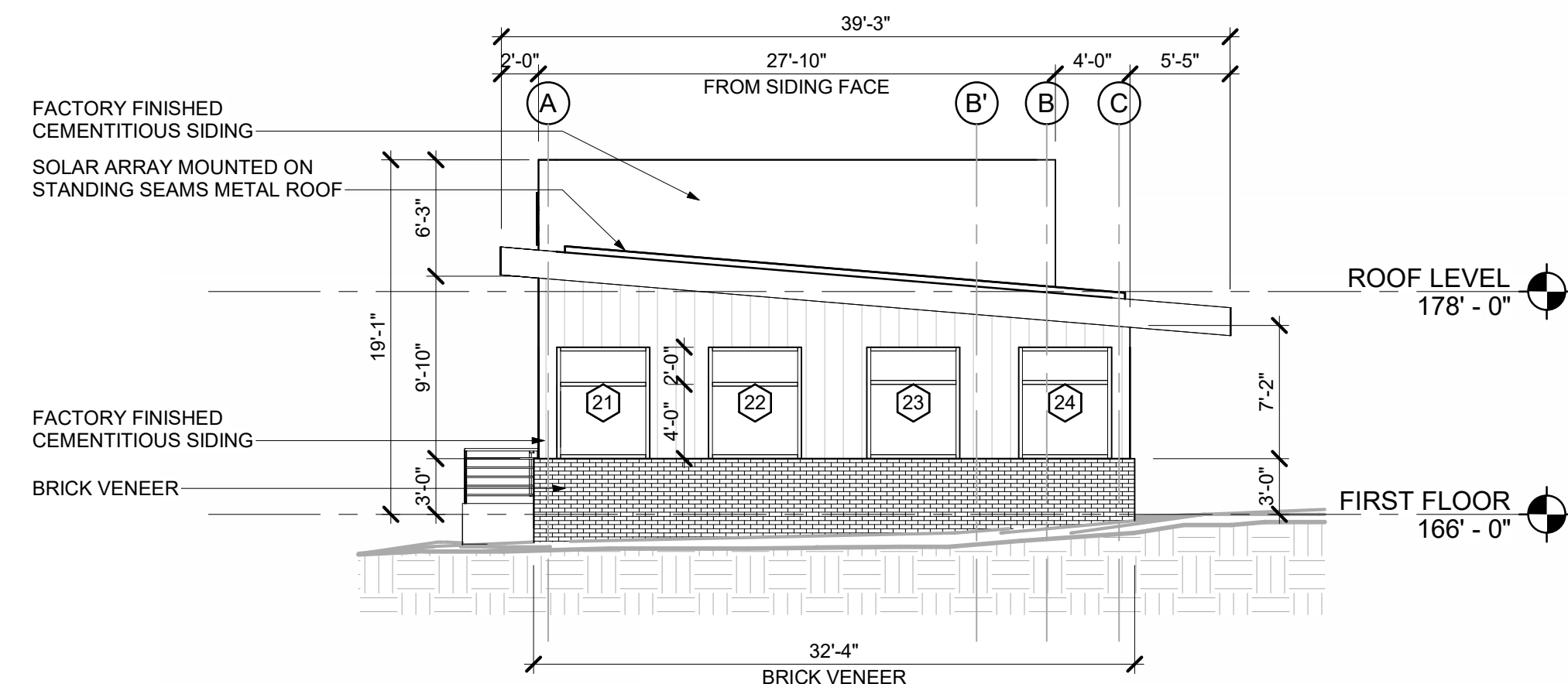
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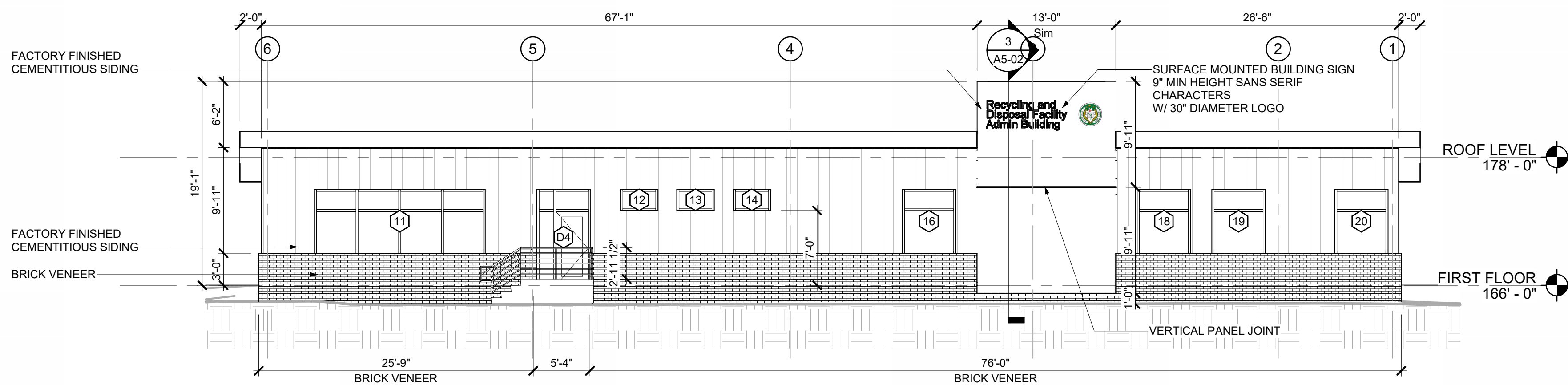
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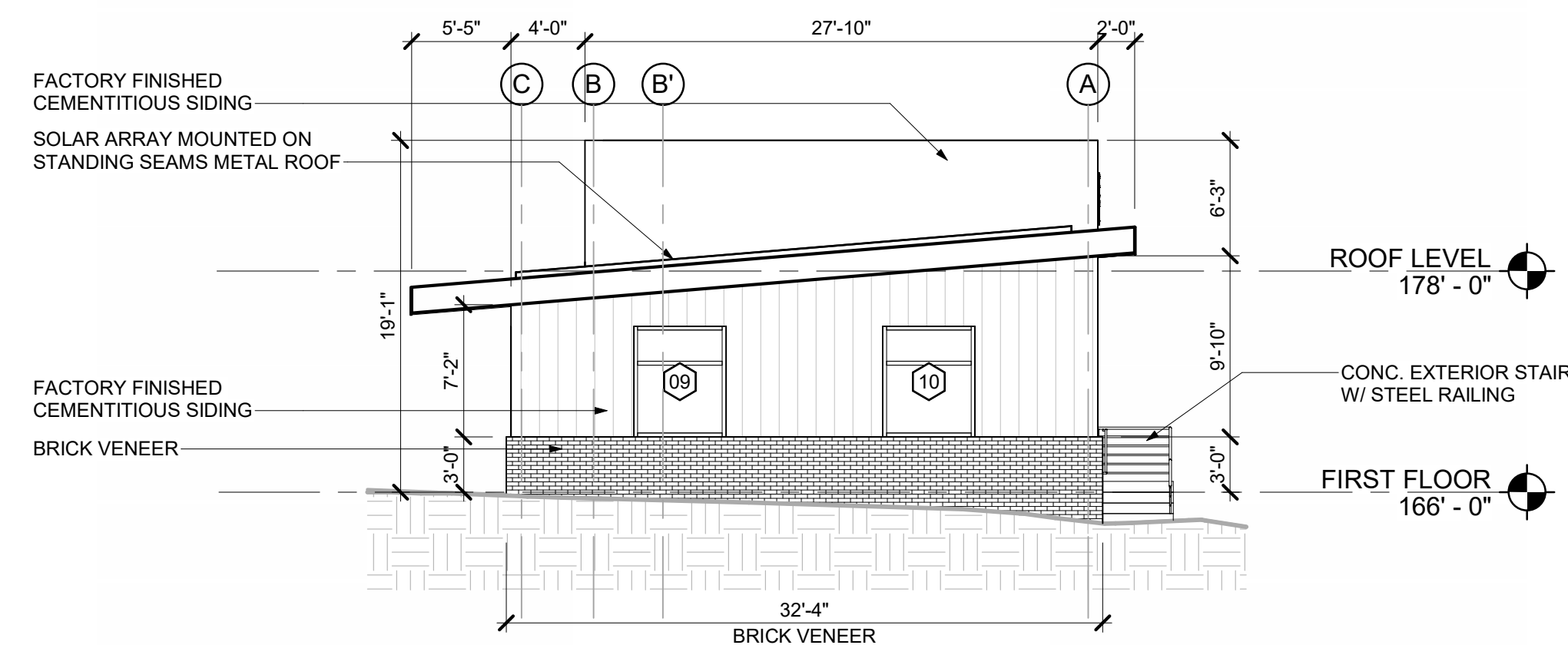
4 SE ELEVATION  
SCALE: 1/8" = 1'-0"



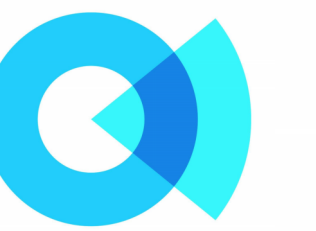
3 SW ELEVATION  
SCALE: 1/8" = 1'-0"



2 NW ELEVATION  
SCALE: 1/8" = 1'-0"



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



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Town of Wellesley  
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Project Title

Wellesley  
DPW/RDF  
Administration  
Building

Socotec Project Number

AE234571.2

Issuance

No.	Description	Date
1	Addendum 1	9/9/2025

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Drawing Title

BUILDING ELEVATIONS

Submission

BID SET

Date  
08/27/2025

Drawing Scale:

1/8" = 1'-0"

Drawn By: Author  
Project Manager: Checker

Drawing Number:

A2-01





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Town of Wellesley

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Project Title

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DPW/RDF  
Administration  
Building**

Socotec Project Number

AE234571.2

Issuance

No.	Description	Date
1	Addendum 1	9/9/2025

Stamp



Drawing Title

# BUILDING SECTIONS

Submission

**BID SET**

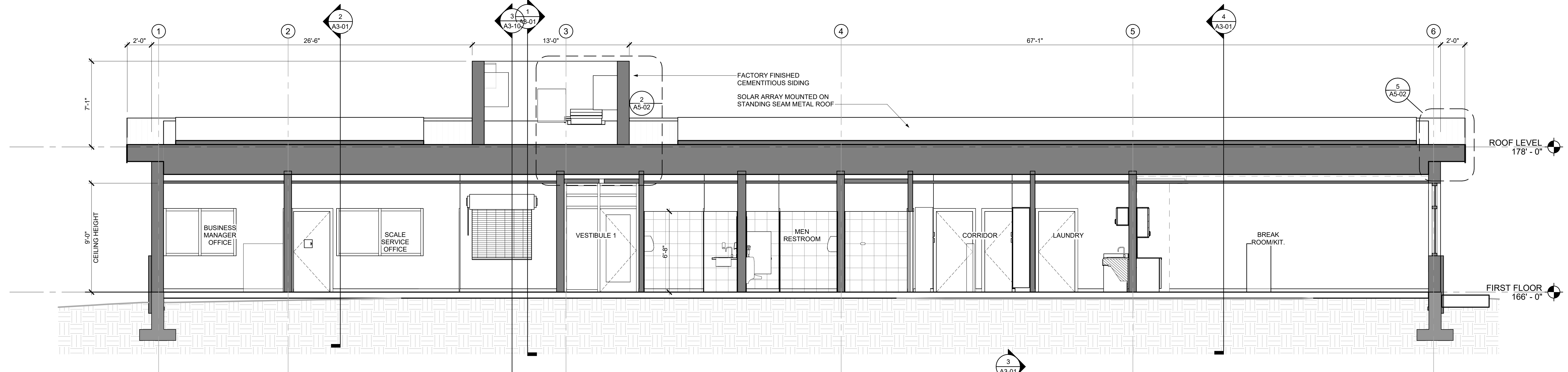
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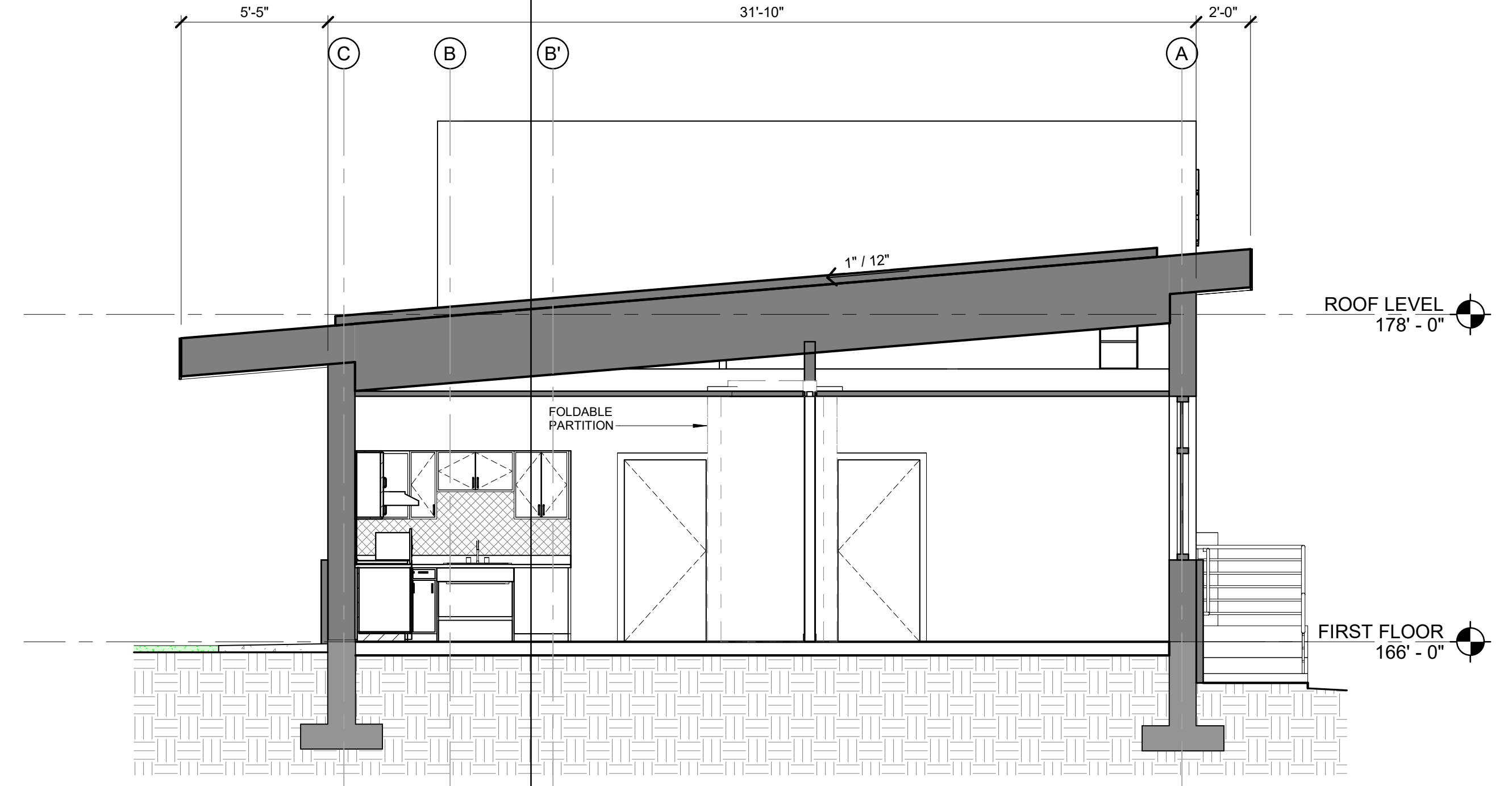
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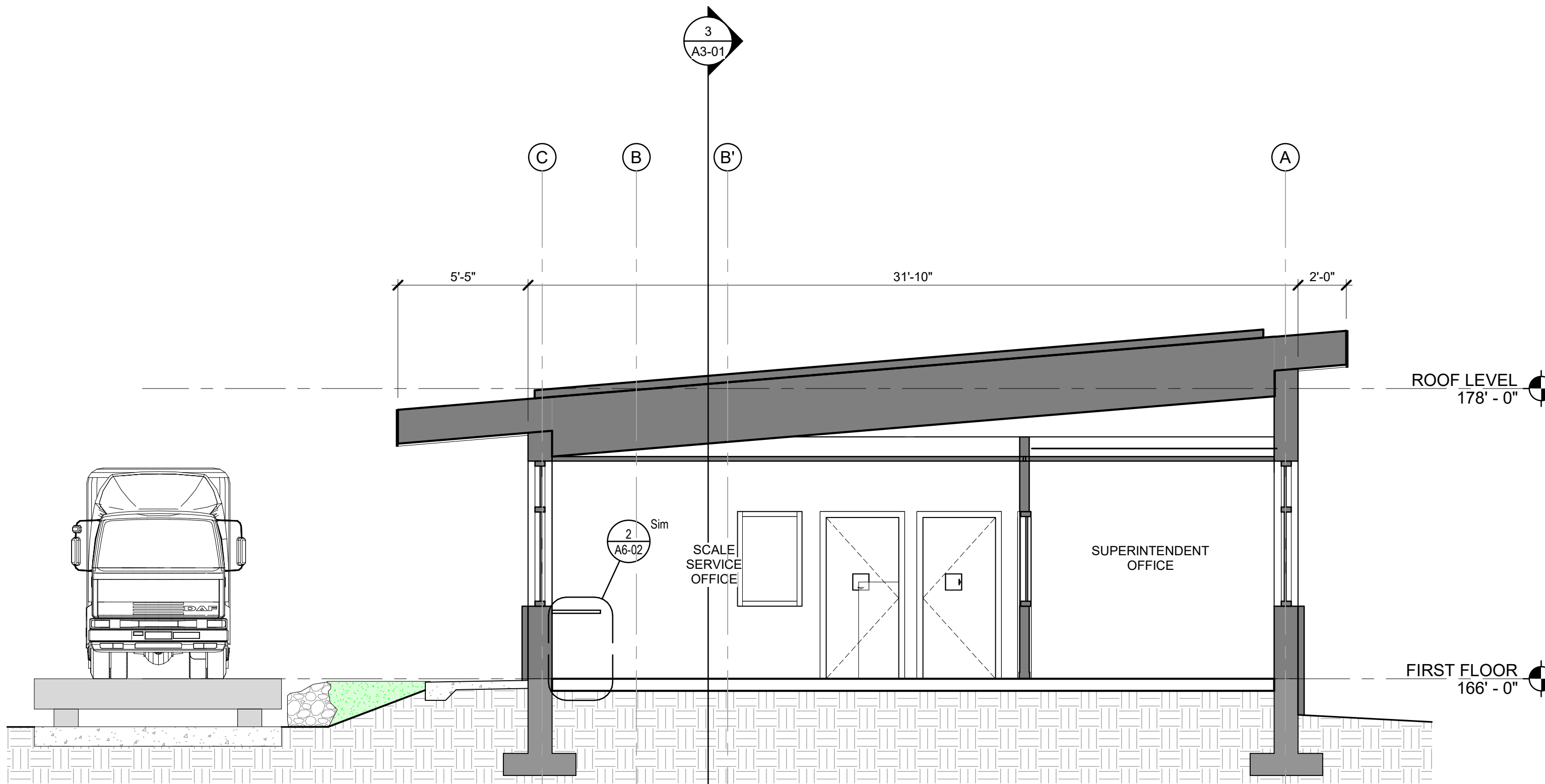
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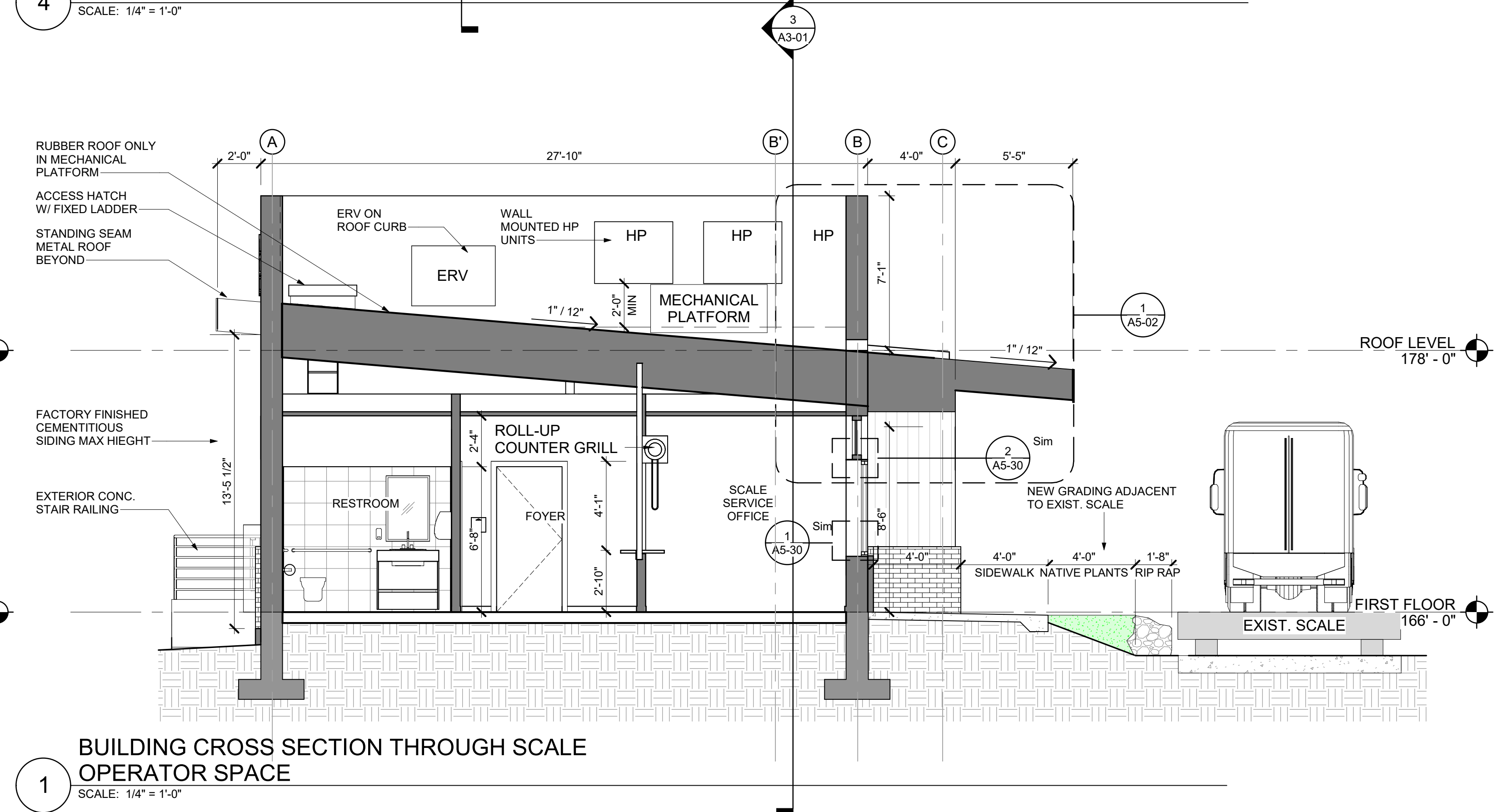
**3 LONGITUDINAL BUILDING SECTION**  
SCALE: 1/4" = 1'-0"



**4 BUILDING CROSS SECTION THROUGH BREAK ROOF**  
SCALE: 1/4" = 1'-0"

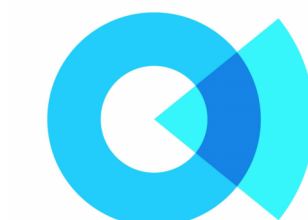


**2 BUILDING CROSS SECTION THROUGH OFFICES**  
SCALE: 1/4" = 1'-0"



**1 BUILDING CROSS SECTION THROUGH SCALE OPERATOR SPACE**  
SCALE: 1/4" = 1'-0"





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MA

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DPW/RDF  
Administration  
Building**

Socotec Project Number

AE234571.2

Issuance

No.	Description	Date
1	Addendum 1	9/9/2025

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Drawing Title

# WALL SECTIONS

Submission

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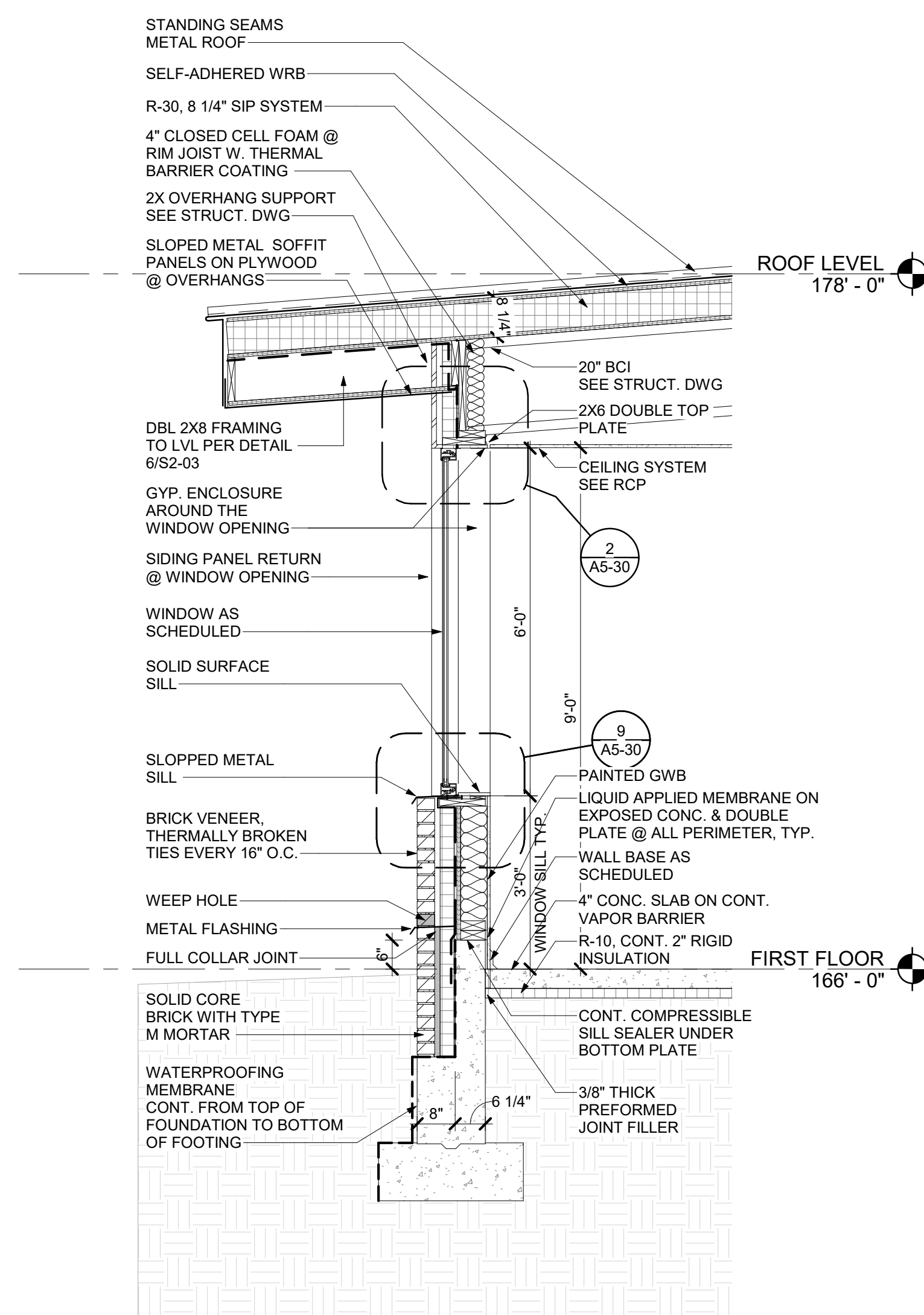
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Drawing Scale:  
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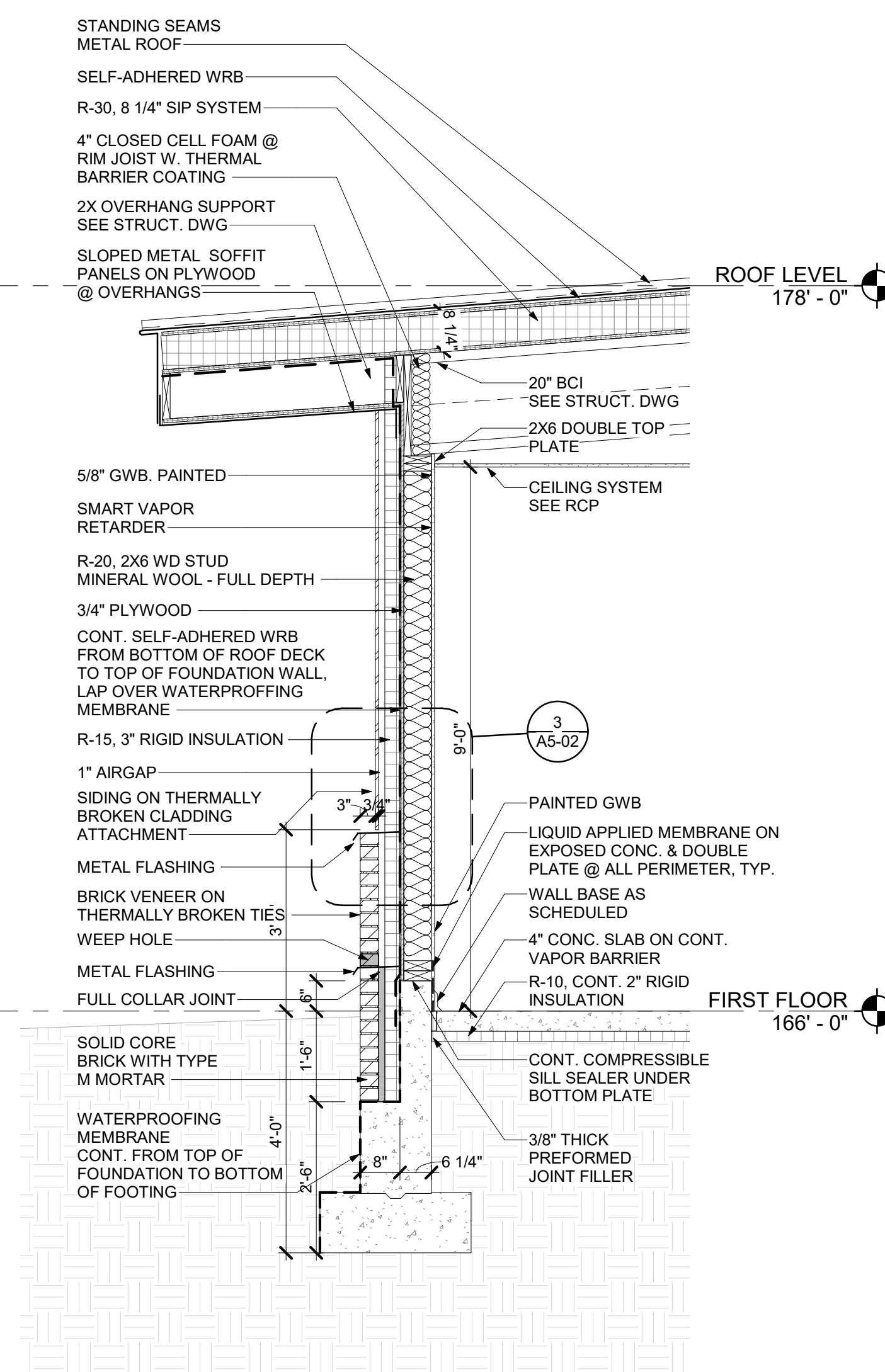
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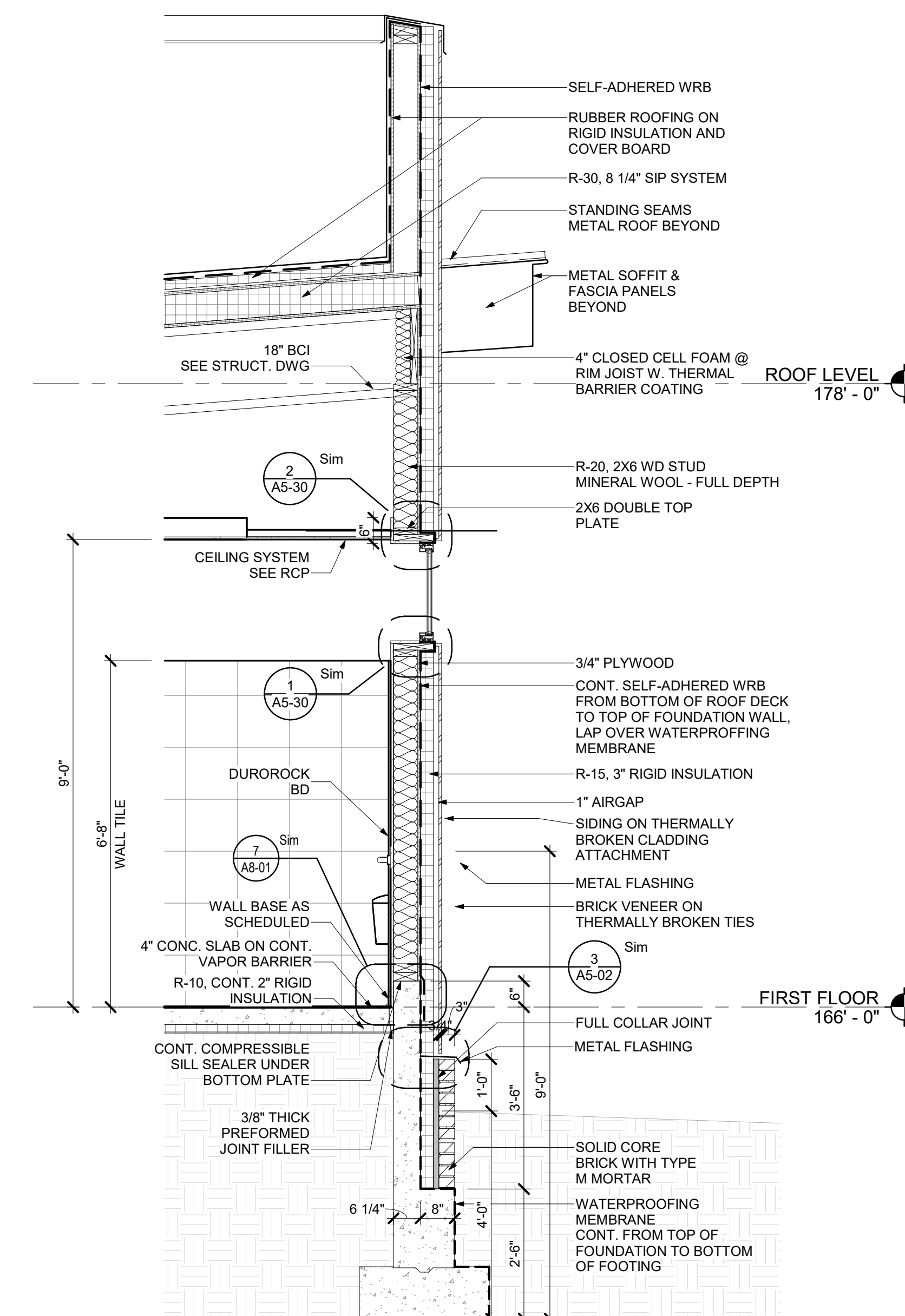
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2 TYP. WALL SECTION @ WINDOW OPENING  
SCALE: 1/2" = 1'-0"



1 TYP. WALL SECTION  
SCALE: 1/2" = 1'-0"



3 WALL SECTION AT MECHANICAL PLATFORM  
SCALE: 1/2" = 1'-0"



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WATER HAMMER SCHEDULE			
TAG NO	FIXTURE UNIT RATING	MANUFACTURER	MODEL
SAK'	1-11	J.R. SMITH	5005
SAB'	12-32	J.R. SMITH	5010
SAC'	33-60	J.R. SMITH	5020
SAD'	61-113	J.R. SMITH	5030
SAE'	114-154	J.R. SMITH	5040
SAT'	155-330	J.R. SMITH	5050
NOTES: WATER HAMMER ARRESTORS SHALL BE BY J.R. SMITH, WATTS, SIOUX CHIEF OR APPROVED EQUAL.			

DRAIN SCHEDULE					
TAG NO	TYPE	MANUFACTURER	MODEL	STRAINER	REMARKS
FD-A	FLOOR	J.R. SMITH	2010C-P050	6"NB	PROVIDE WITH TRAP PRIMER CONNECTION.
FD-B	FLOOR	J.R. SMITH	2230C-P050	12"CI	PROVIDE WITH TRAP PRIMER CONNECTION AND SEDIMENT BUCKET.
NOTES: COORDINATE FLASHING REQUIREMENTS WITH G.C. DRAINS SHALL BE BY J.R. SMITH, ZURN, WATTS, JOSAM, SUN DRAINAGE, OR APPROVED EQUAL.					

EXPANSION TANK SCHEDULE				
TAG NO	MANUFACTURER	MODEL	TANK VOLUME (GAL.)	REMARKS
ET-1	WATTS	PLT-12	4.5	NSF-CERTIFIED LEAD FREE FOR DOMESTIC WATER SYSTEM. PROVIDE SHUT-OFF VALVE ON INLET. PLUMBING CONTRACTOR SHALL VERIFY WATER SUPPLY AND SET EXPANSION TANK PRESSURE ACCORDINGLY PER MANUFACTURER'S INSTRUCTIONS.
NOTES: EXPANSION TANK SHALL BE BY WATTS, ELBI, AMTROL, BELL & GOSSETT, OR APPROVED EQUAL. EXPANSION TANK SHALL LEAD FREE AND LISTED FOR POTABLE WATER.				

PLUMBING FIXTURE SCHEDULE																
TAG NO	TYPE	MANUFACTURER	MODEL	SIZE	CW (in)	HW (in)	SAN (in)	V (in)	FLOW RATE	FITTINGS				CARRIER	REMARKS	
										SUPPLIES	TYPE	MANUFACTURER	MODEL			TRAP
P-1	WATER CLOSET, WALL MOUNTED, TOP SPUD	SLOAN	ST-2459	-	1"	-	4"	2"	1.28 GPF	FLUSH VALVE PROVIDE SAK' ON CW SUPPLY	BATTERY-POWERED, SENSOR-OPERATED	SLOAN	G2 8111-CP	INTEGRAL	PROVIDE TO SUIT	SEAT SHALL BE ELONGATED TOILET SEAT, EQUAL TO TOTO SC-634. REFER TO ARCHITECTURAL PLANS FOR MOUNTING HEIGHT.
P-1A	ADA WATER CLOSET, WALL MOUNTED, TOP SPUD	SLOAN	ST-2459	-	1"	-	4"	2"	1.28 GPF	FLUSH VALVE PROVIDE SAK' ON CW SUPPLY	BATTERY-POWERED, SENSOR-OPERATED	SLOAN	G2 8111-CP	INTEGRAL	PROVIDE TO SUIT	SEAT SHALL BE ELONGATED TOILET SEAT, EQUAL TO TOTO SC-634. REFER TO ARCHITECTURAL PLANS FOR MOUNTING HEIGHT.
P-2	LAVATORY	SLOAN	SS-3021	20" X 15"	1/2"	1/2"	2"	2"	0.5 GPM	1/2" SWEAT 1/2" EQUAL TO MCGUIRE MODEL LFH170LK	TURBINE-POWERED, SENSOR-OPERATED	SLOAN	EFX-280-TUR-ISM-CP-0.5GPM-MLM-CO-FCIT	1/2" X 1/2" CAST BRASS CHROME PLATED P-TRAP W/ CO PLUG EQUAL TO MCGUIRE 88902	UNDERMOUNTED	OUTLET WATER TEMPERATURE SHALL NOT EXCEED 110°F. PROVIDE MIXING VALVE. PROVIDE PIPE COVERING ON WASTE AND SUPPLY PIPING.
P-2A	ADA LAVATORY, WALL-MOUNTED	SLOAN	SS-3165	20" X 21" X 9"	1/2"	1/2"	2"	2"	0.5 GPM	1/2" SWEAT 1/2" EQUAL TO MCGUIRE MODEL LFH170LK	TURBINE-POWERED, SENSOR-OPERATED	SLOAN	EFX-280-TUR-ISM-CP-0.5GPM-MLM-CO-FCIT	1/2" X 1/2" CAST BRASS CHROME PLATED P-TRAP W/ CO PLUG EQUAL TO MCGUIRE 88902	PROVIDE TO SUIT	OUTLET WATER TEMPERATURE SHALL NOT EXCEED 110°F. PROVIDE MIXING VALVE. PROVIDE PIPE COVERING ON WASTE AND SUPPLY PIPING.
P-3	SHOWER	KOHLER	72230106	60" X 34" X 75"	1/2"	1/2"	2"	2"	1.5 GPM	1/2" CW & HW SUPPLIES W/ SAK'	COMPLETE SET WITH SHOWER HEAD, SHOWER VALVE, AND ALL RELATED TRIMS	SYMMONS	3501-CYL-B-TRM-1.5-X-CHK5	2"P-TRAP	FLOOR MOUNTED	PROVIDE SHOWER MODULE DRAIN EQUAL TO SIOUX CHIEF 827-2B. PROVIDE 1.5 GPM FLOW RESTRICTOR ON SHOWER HEAD. REFER TO ARCHITECTURAL PLANS FOR SHOWER COMPONENTS LOCATION & MOUNTING HEIGHTS.
P-3A	ADA SHOWER UNIT	BEST BATH	LSS26333A V2	63" X 33"	1/2"	1/2"	2"	2"	1.5 GPM	1/2" CW & HW SUPPLIES W/ SAK'	COMPLETE SET WITH SHOWER HEAD, SHOWER VALVE, ELBOW SUPPLY, TRANSFER VALVE, HAND SHOWER AND ALL RELATED TRIMS	SYMMONS	S-3505-H321-V-CYL-B-1.5-STN	2"P-TRAP	FLOOR MOUNTED	PROVIDE SHOWER MODULE DRAIN EQUAL TO SIOUX CHIEF 827-2B. PROVIDE 1.5 GPM FLOW RESTRICTOR ON SHOWER HEAD. PROVIDE W/ FOLDABLE SEAT, GRAB BARS. PROVIDE 37"D X OUTSIDE ENCLOSURE. REFER TO ARCHITECTURAL PLANS FOR SHOWER COMPONENTS LOCATION & MOUNTING HEIGHTS.
P-4	ADA URINAL	SLOAN	SU-1009	-	1/2"	-	2"	2"	0.125 GPF	FLUSH VALVE PROVIDE SAK'	BATTERY-POWERED, SENSOR-OPERATED	SLOAN	8186 SERIES.	INTEGRAL	PROVIDE TO SUIT	REFER TO ARCHITECTURAL PLANS FOR MOUNTING HEIGHT.
P-5	SINK, STAFF BREAK ROOM	ELKAY	ECTRUJAD241755	25 1/2" X 18 1/2" X 5 1/2"	1/2"	1/2"	2"	2"	1.5 GPM	1/2" SWEAT 1/2" EQUAL TO MCGUIRE MODEL #LFH171LK	SINGLE HANDLE, PULL OUT	DELTA	9159-LS-DST	1/2" X 1/2" 17 GA CAST BRASS CHROME PLATED P-TRAP W/ CO PLUG EQUAL TO MCGUIRE 88912	UNDERMOUNTED	PROVIDE BASKET STRAINER, ANTI MICROBIAL SINK BAFFLE. PROVIDE PIPE COVERING BELOW WASTE & SUPPLY PIPING. PROVIDE DRAINAGE FITTING FOR DISHWASHER CONNECTION.
P-5A	SINK, LAUNDRY ROOM	ELKAY	ELUHAD19165SPD	21" X 18" X 5"	1/2"	1/2"	2"	2"	1.5 GPM	1/2" SWEAT 1/2" EQUAL TO MCGUIRE MODEL #LFH171LK	SINGLE HANDLE, PULL OUT	DELTA	9159-LS-DST	1/2" X 1/2" 17 GA CAST BRASS CHROME PLATED P-TRAP W/ CO PLUG EQUAL TO MCGUIRE 88912	UNDERMOUNTED	PROVIDE BASKET STRAINER, ANTI MICROBIAL SINK BAFFLE. PROVIDE PIPE COVERING BELOW WASTE & SUPPLY PIPING.
P-6	WASHING MACHINE OUTLET	SIOUX CHIEF	696-G-1 SERIES	-	1/2"	1/2"	2"	2"	-	-	-	-	-	2" STANDPIPE DRAIN	WALL MOUNTED	PROVIDE W/ LEAD FREE VALVES AND ARRESTERS ON WATER SUPPLIES. PROVIDE W/ DRAIN PAN, ASSOCIATED DRAIN LINE AND TERMINATE AT A LOWER LEVEL FLOOR DRAIN LOCATED WITHIN WASHER CLOSET. PROVIDE BOX OUTLET(S) SUPPLY ON THE SIDE OF WASHER APPLIANCE, AS FAR FORWARD AS POSSIBLE.
P-7	MOP SINK	FIAT	MSB2424	24" X 24" X 10"	1/2"	1/2"	3"	2"	-	1/2" CW & HW	FAUCET	SPEAKMAN	SC-5811-CK-RCP	STAINLESS STEEL INTEGRAL CAST DRAIN BODY WITH 3"P-TRAP	FLOOR MOUNTED	PROVIDE WITH FIAT 830-AA HOSE & HOSE BRACKET, FIAT 899-CC MOP HANGER, STAINLESS BUMPERGUARD E-88-AA, STAINLESS STEEL WALL GUARD MSG2424. PROVIDE (2) RBP ON CW & HW SUPPLIES.
P-8	EYE WASH, DECK-MOUNTED, LAUNDRY ROOM	GUARDIAN	G1899	-	1/2"	1/2"	-	-	-	1/2" CW & HW SUPPLIES	-	-	-	-	DECK MOUNTED	PROVIDE TV SUPPLY VIA MIXING VALVE. PROVIDE ALL REQUIRED MOUNTING SUPPORT.
P-9	DRINKING FOUNTAIN / BOTTLE FILLING STATION	ELKAY	EZWS-EDFPBM114K	-	1/2"	-	2"	2"	-	1/2" CW SUPPLY	-	-	-	1/2" X 1/2" 17 GA CAST BRASS CHROME PLATED P-TRAP W/ CO PLUG EQUAL TO MCGUIRE 88912	PROVIDE TO SUIT	COORDINATE POWER SUPPLY WITH ELECTRICAL CONTRACTOR. PROVIDE WITH SPARE FILTER SYSTEMS. ELKAY EZWS3000 (43).
NOTES: PLUMBING FIXTURE SHALL BE BY SLOAN, TOTO, KOHLER, OR APPROVED EQUAL. FLUSHING VALVES AND LAVATORY FAUCETS SHALL BE BY SLOAN, TOTO, ZURN, OR APPROVED EQUAL. KITCHEN SINK & FAUCET SHALL BE BY ELKAY, JUST, MOEN, DELTA, OR APPROVED EQUAL. MOP SINK SHALL BE BY FIAT, KOHLER, AMERICAN STANDARD OR APPROVED EQUAL. MOP SINK FAUCET SHALL BE BY CHICAGO, SPEAKMAN, ZURN OR APPROVED EQUAL. BELOW LAVATORY PIPING COVERS SHALL BE EQUAL TRUE BRO LAV GUARD OR EQUAL BY MCGUIRE, KEENEY, OR APPROVED EQUAL. SHOWER SHALL BE BY KOHLER, BEST BATH, AQUA BATH, COMFORT DESIGN, OR APPROVED EQUAL. DRINKING FOUNTAIN SHALL BE BY OASIS, ELKAY, HALSEY TAYLOR, OR APPROVED EQUAL. EYE WASH SHALL BE BY GUARDIAN, BRADLEY, HAVIS, OR APPROVED EQUAL. WASHING MACHINE CONNECTION SHALL BE BY SIOUX CHIEF, SYMMONS, JONES STEPHEN, IPS, OR APPROVED EQUAL. DRINKING FOUNTAIN SHALL BE BY OASIS, ELKAY, HAVIS, OR APPROVED EQUAL. REFER TO ARCHITECTURAL PLANS FOR ADDITIONAL INFORMATION, INCLUDING MOUNTING HEIGHTS.																

RE-CIRCULATING PUMP SCHEDULE								
TAG NO	SYSTEM	MANUFACTURER	MODEL	ELECTRICAL REQUIREMENTS				REMARKS
				VOLTS	HZ	PH	AMP	
CP-1	IN-LINE	TACO	0034 E PLUS STAINLESS STEEL	115	60	1	170	PROVIDE W/ FLANGES ON INLET AND OUTLET. PUMP SHALL BE LEAD FREE, NSF-CERTIFIED AND LISTED FOR POTABLE WATER USE. PROVIDE W/ AQUASTAT.
NOTES: RE-CIRCULATING PUMP SHALL BE BY TACO, GRUNDFOS, APOLLO OR APPROVED EQUAL. RE-CIRCULATION PUMP SHALL BE NSF/ANSI 372 CERTIFIED.								

ELECTRIC WATER HEATER SCHEDULE										
TAG NO	TYPE	MANUFACTURER	MODEL	STORAGE (GAL.)	TEMPERATURE SETTING (°F)	RECOVERY @90°F (GPH)	ELECTRICAL REQUIREMENTS			REMARKS
							KW	VOLTS	PH	
EW-H1	STORAGE	A.O. SMITH	DEL-80	80	140	27	4.5	208	1	PROVIDE W/ LEAK DETECTION SYSTEM. COORDINATE WITH ELECTRICAL CONTRACTOR.
NOTES: COORDINATE WITH ALL ELECTRICAL REQUIREMENTS W/ E.C.. WATER HEATER SHALL BE HEAT PUMP/HYBRID TYPE BY RHEEM, A.O. SMITH, STATE, BRADFORD WHITE, OR APPROVED EQUAL.										

TEMPERATURE MIXING VALVE						
TAG NO	LO (GPM)	MANUFACTURER	MODEL	INLET	OUTLET	TEMPERATURE SETTING (°F)
TMV-1	1	LEONARD	PNV-100-LF-3T-6PS	1/2"	1/2"	120-130
TMV-2	-	LEONARD	TA-300-LF-IT	1/2"	1/2"	85
NOTES: MIXING VALVE SHALL BE BY LEONARD, WATTS, GUARDIAN, BRADLEY, OR APPROVED EQUAL.						



Town of Wellesley

169 Great Plain Ave., Wellesley, MA

Project Title

Wellesley  
DPW/RDF  
Administration  
Building

Socotec Project Number

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1	XX	xx/xx/xxxx

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Drawing Title

SCHEDULES

Submission

BID SET

Date 08/27/2025

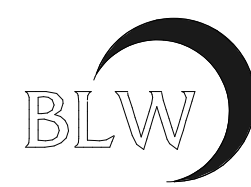
Drawing Scale: As Noted

Drawn By: - Project Manager: CM

Drawing Number:

P0-02





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BLW Job #: 24302  
H/M/C: Electrical \* Plumbing \* Fire Protection



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Town of Wellesley  
169 Great Plain Ave, Wellesley, MA

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**Wellesley  
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Administration  
Building**

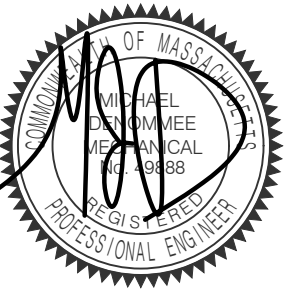
Socotec Project Number

**AE234571.2**

Issuance

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1	XX	xx/xx/xxxx

Stamp



Drawing Title

**UNDERGROUND PLAN**

Submission

**BID SET**

Date

08/27/2025

Drawing Scale:

1/4" = 1'-0"

Drawn By:

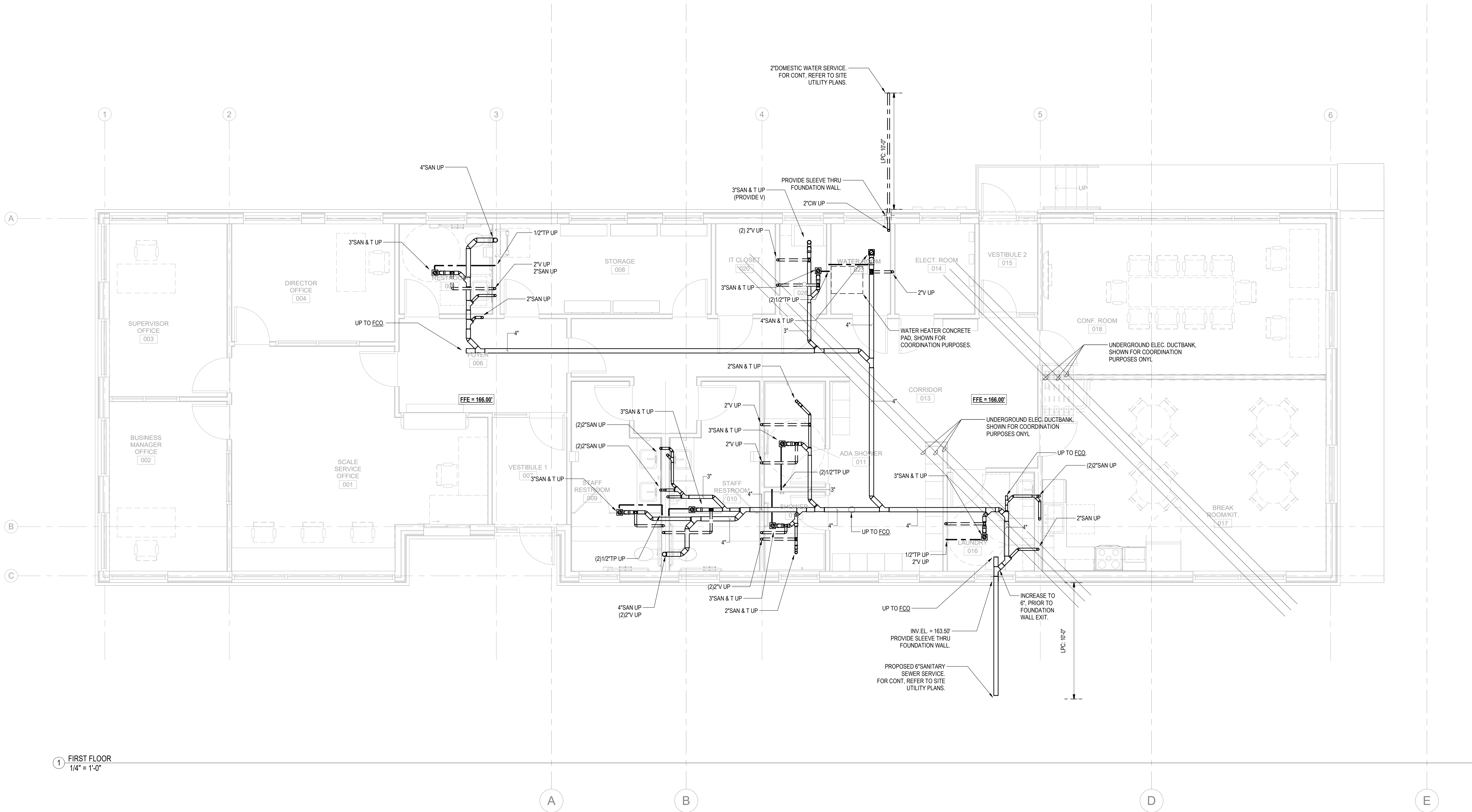
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Project Manager:

CM

Drawing Number:

**P1-00**



1 FIRST FLOOR  
1/4" = 1'-0"



8/26/2025 9:46:27 AM: \\user\mkanal\Documents\24302 Wellesley Facilities Mgmt\R23\_Crudania\_dhwengineers.com.rvt



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Drawing Title

FLOOR PLANS

Submission

BID SET

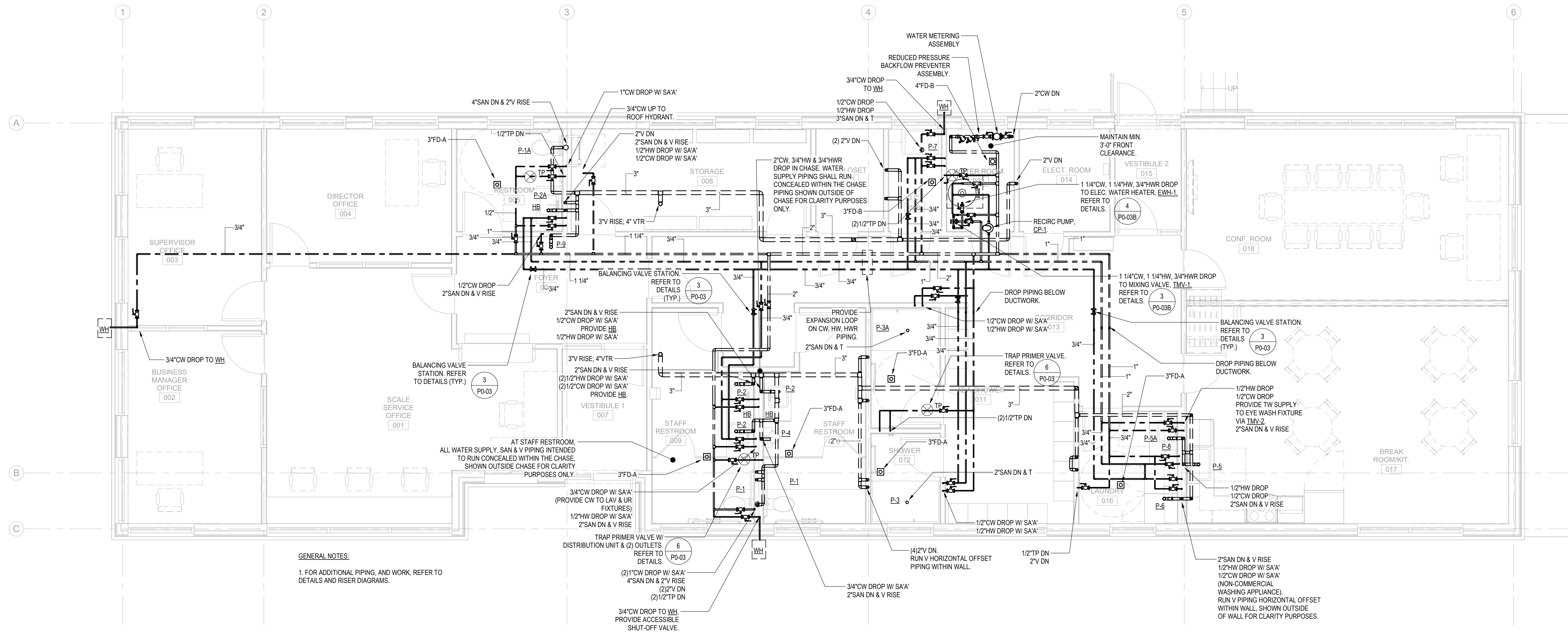
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08/27/2025

Drawing Scale:  
1/4" = 1'-0"

Drawn By: Project Manager:  
- CM

Drawing Number:

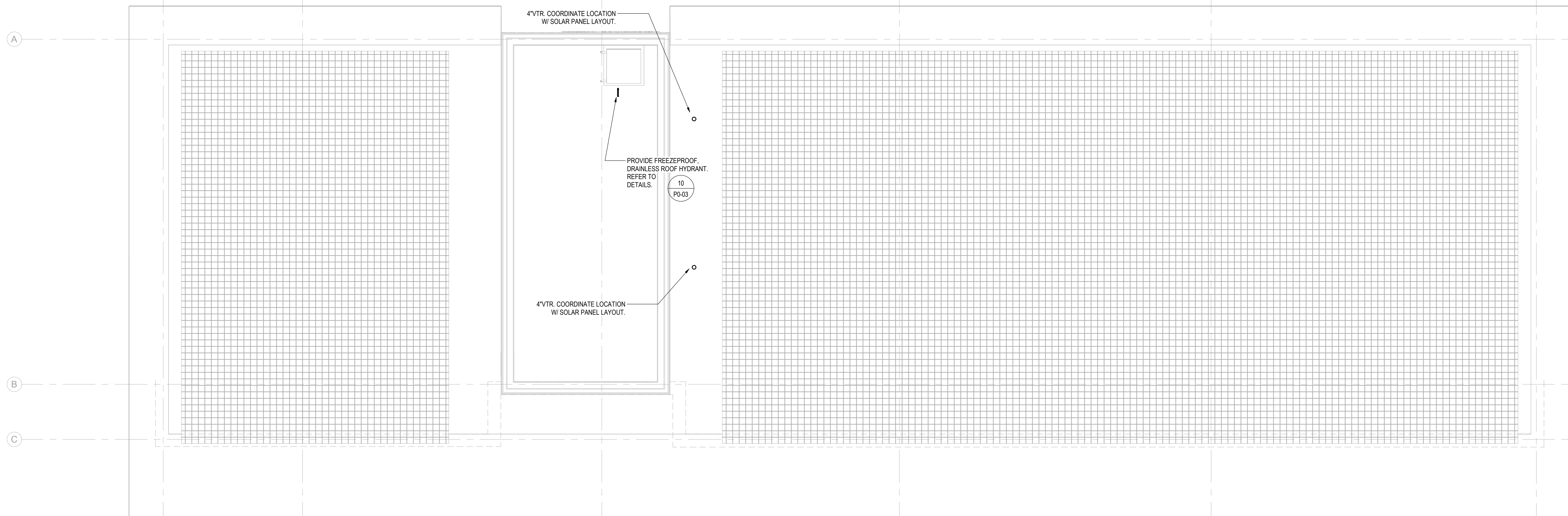
P1-01



1 FIRST FLOOR  
1/4" = 1'-0"

GENERAL NOTES:

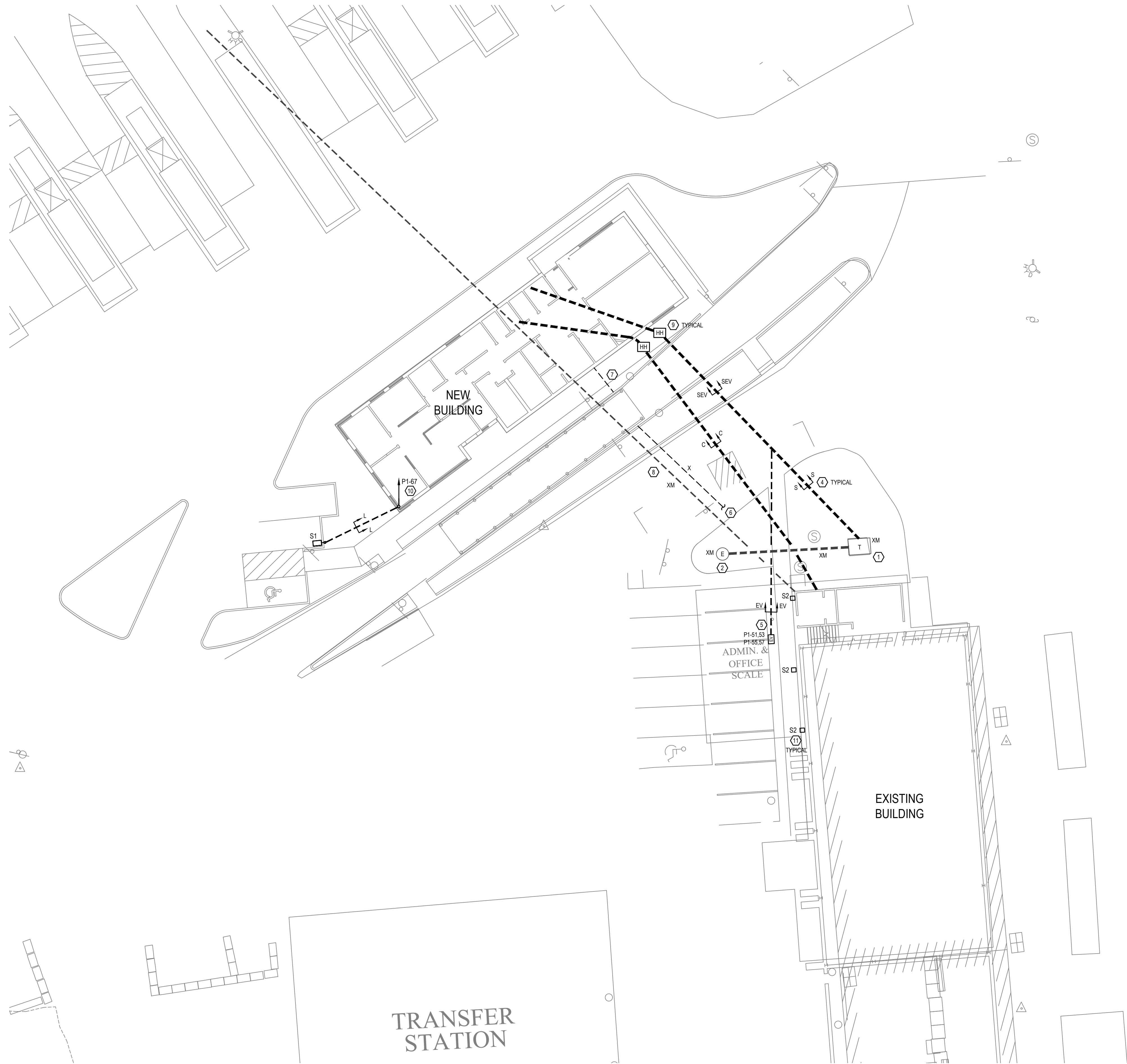
1. VTR PIPING SHALL BE CAREFULLY COORDINATED W/ SOLAR PANEL LAYOUT.



2 ROOF  
1/4" = 1'-0"



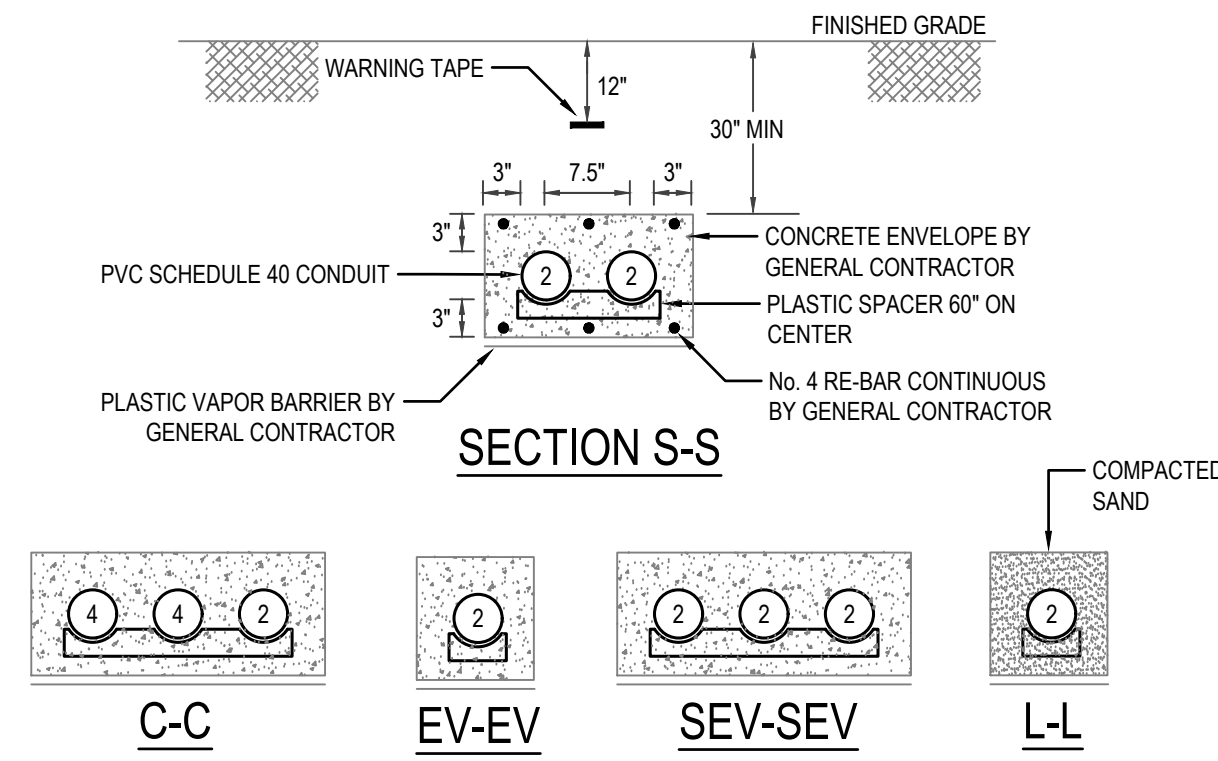
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SITE PLAN  
SCALE: 1/16" = 1'-0"

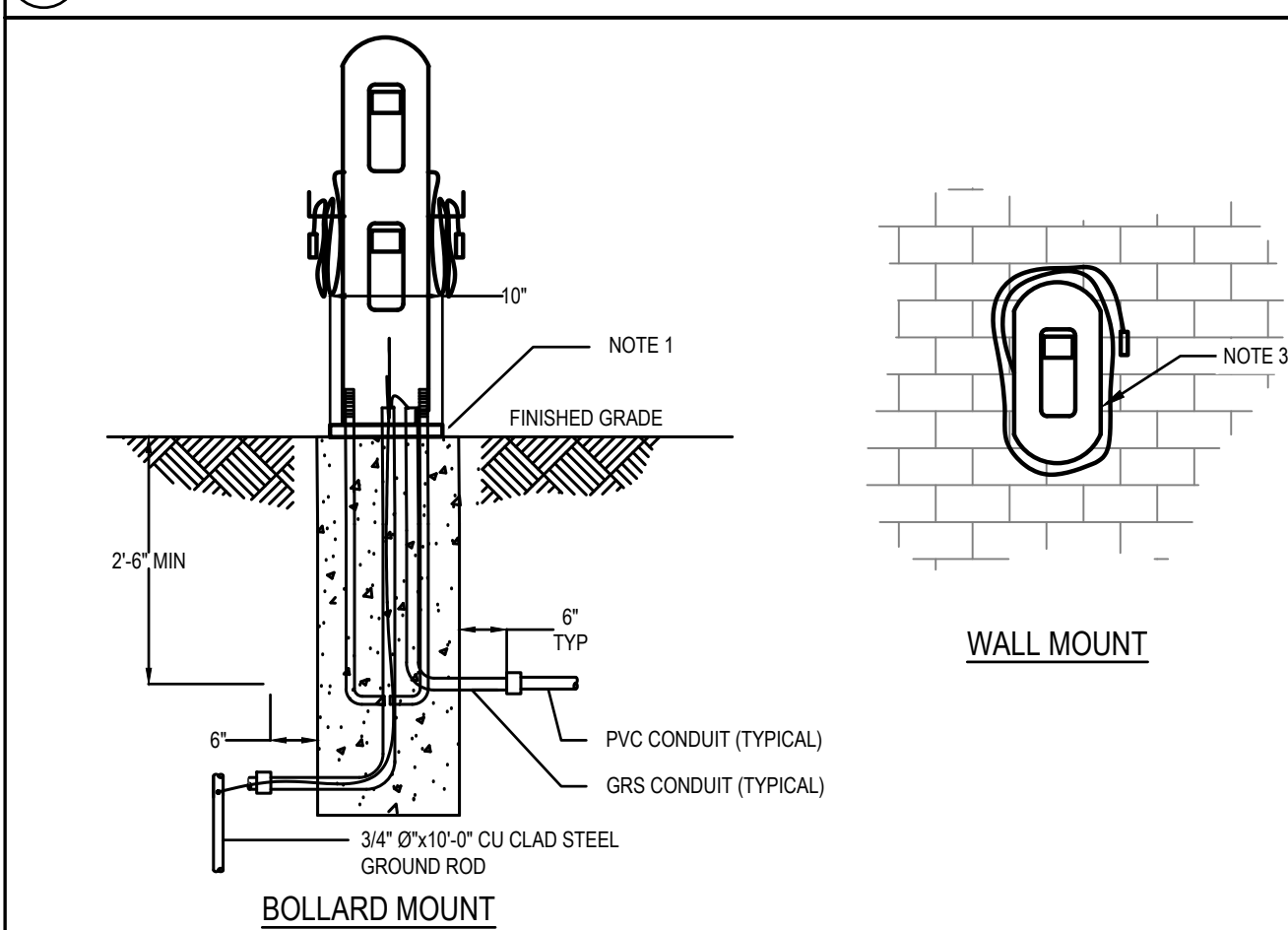
SITE LIGHTING FIXTURE SCHEDULE								
FIXTURE TYPE	DESCRIPTION	MANUFACTURER & CATALOG NUMBER	LIGHT SOURCE				VOLTAGE	NOTES
			LUMENS	TEMP (K)	WATTAGE	TYPE		
S1	EXTERIOR POLE MOUNT FIXTURE	GARDOO GL18-1-4-10SLA-4810-NW-UNV-BLP POLE: 8'8" 16.4-01' 00"	12149	4000	105	LED	120	1.2
S2	BUILDING MOUNTED FLOOD LIGHT WITH PHOTOCELL	WAC LIGHTING WP-LED304-30-PVC-120"	3445	4000	53	LED	120	1.2

NOTES:  
1. LIGHTING FIXTURE OPTIONS INDICATED WITH "\*" TO BE SELECTED BY ARCHITECT.  
2. COORDINATE ALL FIXTURE FINISHES, COLORS, AND AESTHETIC FEATURES WITH ARCHITECT/INTERIOR DESIGNER.



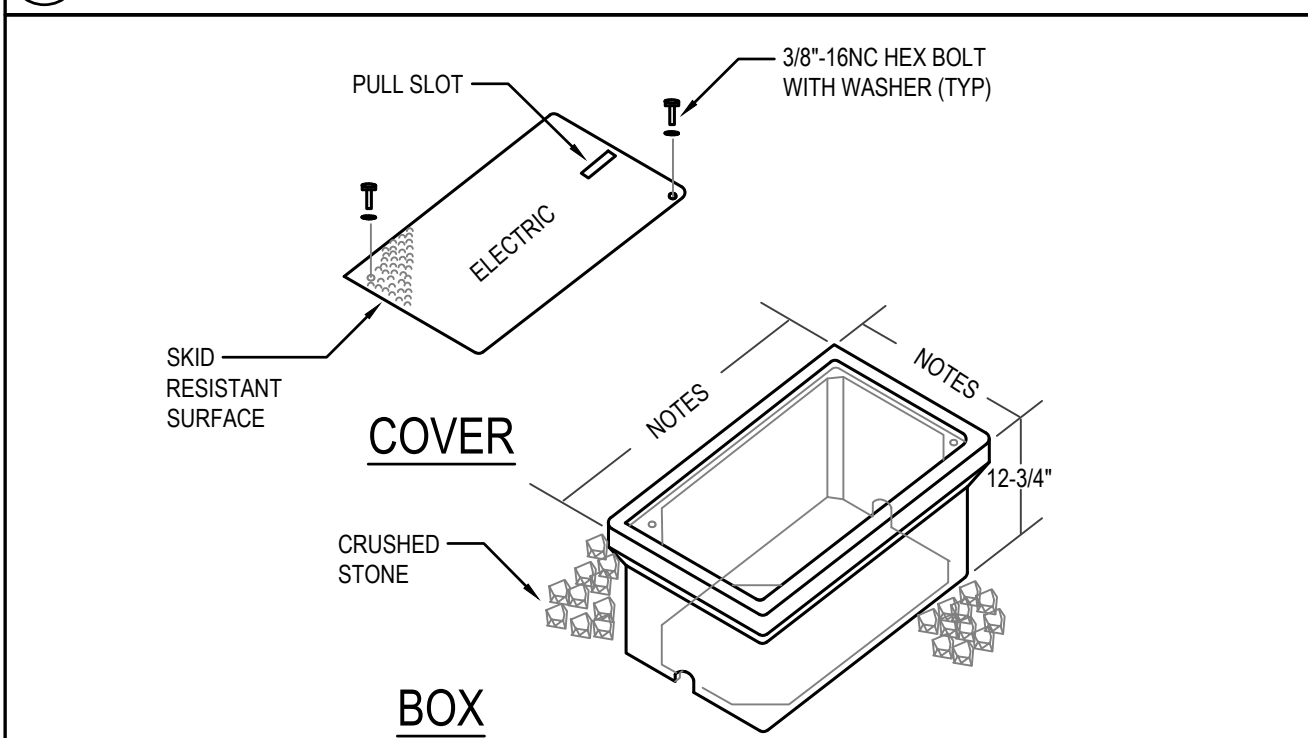
- NOTES:  
\*\"/>

1 DUCTBANK SECTION DETAIL N.T.S.



- NOTES:  
1. CONCRETE BASE, MAX DEPTH SHOWN IS 4'-0\"/>

2 EV DOUBLE CHARGING STATION DETAIL N.T.S.



- NOTES:  
\*COORDINATE ALL REQUIREMENTS WITH UTILITY CO. IF APPLICABLE.  
DIMENSIONS:  
HH = 1'-0\"/>

HH HANDHOLE DETAIL N.T.S.

- SITE PLAN KEY NOTES:  
1. EXISTING UTILITY COMPANY PAD MOUNTED TRANSFORMER.  
2. EXISTING UTILITY COMPANY ELECTRICAL MANHOLE.  
3. NOT USED.  
4. REFER TO DUCTBANK SECTION DETAIL, THIS DRAWING.  
5. REFER TO EV DOUBLE CHARGING STATION DETAIL, THIS DRAWING.  
6. EXISTING 120V POWER FEED TO SCALE TO BE REMOVED BACK TO EXISTING BUILDING. FIELD VERIFY EXACT ROUTING.  
7. NEW 120V POWER FEED FOR SCALE TO NEW BUILDING (CIRCUIT P1-29). FIELD VERIFY EXACT REQUIREMENTS AND ROUTING.  
8. EXISTING DUCT BANK TO COMPACTOR AND GUARD SHACK TO BE PROTECTED DURING EXCAVATION.  
9. REFER TO HANDHOLE DETAIL, THIS DRAWING.  
10. LIGHTING CIRCUIT TO BE ROUTED VIA TIME CLOCK. REFER TO DRAWING E2-01, NOTE 3 FOR (NEW BUILDING) TIMECLOCK SPECIFICATION.  
11. WIRE NEW TYPE 'S2' LIGHTING FIXTURES TO EXISTING 120/208V PANEL AT ELECTRICAL ROOM. PROVIDE NEW 120V, 20A CIRCUIT BREAKER COMPATIBLE WITH EXISTING PANEL. ROUTE LIGHTING CIRCUIT VIA COMPATIBLE EVL DIAMETER SWITCH AND ELECTRONIC 120V, ASTRONOMIC TIMECLOCK. TIMECLOCK TO BE INTERMATIC MODEL # ET2815C (OR EQUAL).

BLW  
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SITE PLAN

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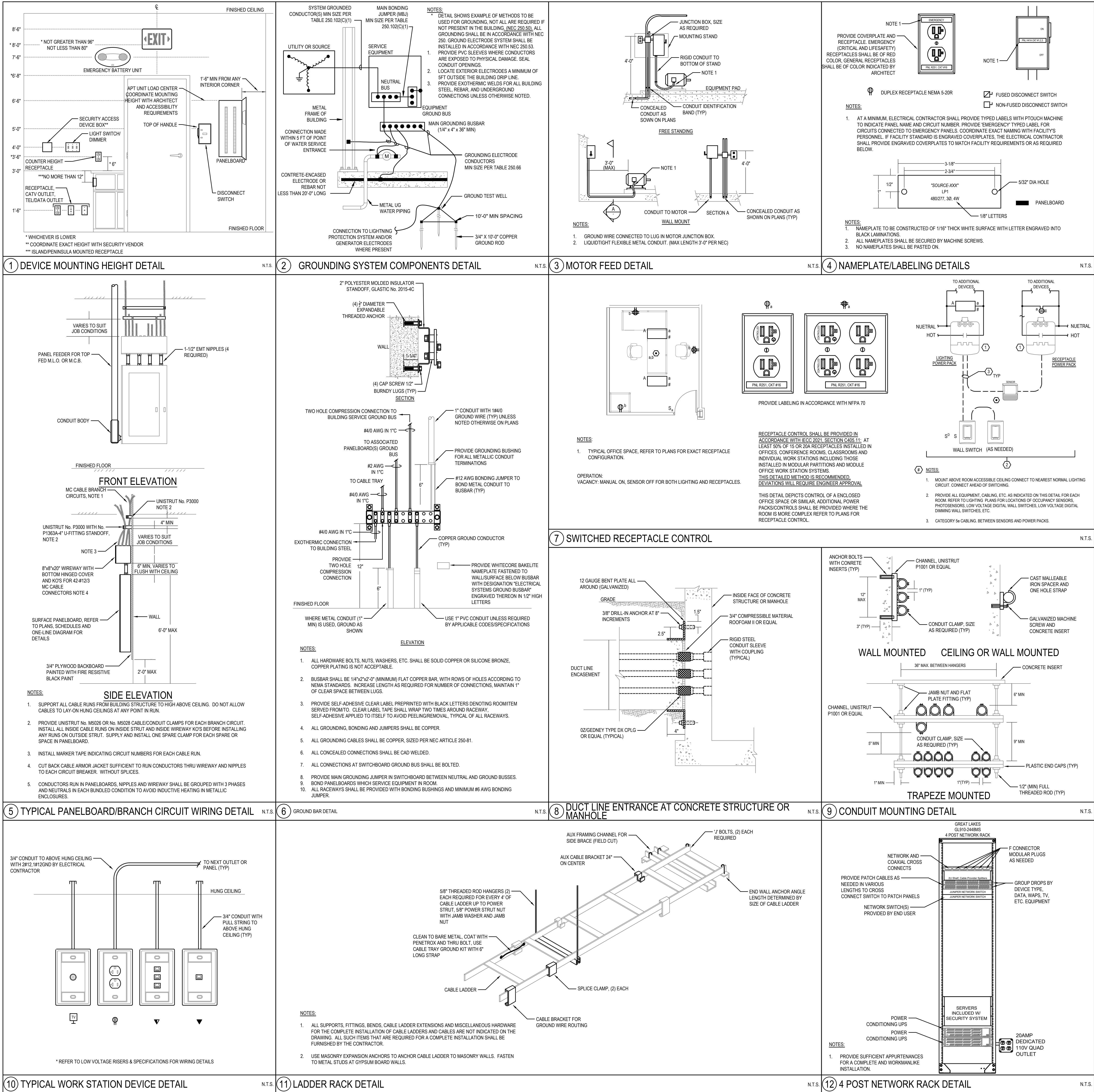
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Drawing Number:

E0-02





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Drawing Title

DETAILS

Submission

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Date  
08/27/2025

Drawing Scale:  
As Noted

Drawn By: - Project Manager: CM

Drawing Number:

E0-04