GENERAL PROJECT INFORMATION:

GENERAL NOTES:

- 1. ALL WORK SHALL BE IN COMPLIANCE WITH APPLICABLE LOCAL, STATE, AND FEDERAL REGULATIONS (TYP.).
- 2. SEE SHEET S-X FOR DESIGN LOADS AND METAL BUILDING SYSTEM REQUIREMENTS (TYP.).
- 3. SEE STRUCTURAL DRAWINGS FOR CONCRETE FOOTINGS, FOUNDATIONS, SLABS, AND EQUIPMENT PADS (TYP.).
- 4. MECHANICAL, ELECTRICAL, HVAC, PLUMBING, FIRE PROTECTION, AND INSTRUMENTATION ITEMS ARE ILLUSTRATED FOR REFERENCE ONLY; COORDINATE WITH APPROPRIATE DISCIPLINES (TYP.).
- 5. SEE MECHANICAL, ELECTRICAL, HVAC, PLUMBING, FIRE PROTECTION, AND INSTRUMENTATION DRAWINGS FOR ITEMS ATTACHED TO OR & WALLS (TYP.).
- VERIFY ALL EXISTING CONDITIONS IN THE FIELD; DISCREPANCIES NOTED BY THE CONTRACTOR MUST BE BROUGHT TO THE ATTENTION OF THE ENGINEER / OWNER PRIOR TO RECEIPT OF BIDS
- 7. ALL DETAILS ARE PROTOTYPICAL; LOCATIONS NOT DETAILED SHALL BE CONSTRUCTED IN A SIMILAR MANNER (TYP.).
- 8. SEE SHEET A-X FOR CODE SUMMARY, SEE SHEET A-1 FOR ABBREVIATIONS (TYP.).
- PENETRATING THROUGH FLOORS, CEILINGS, ROOF, 9. ALL MASONRY WORK IS THE RESPONSIBILITY OF THE MASONRY FILED SUB-BIDDER UNLESS OTHERWISE NOTED (TYP.).
 - 10. ALL WATERPROOFING, DAMP-PROOFING, AND CAULKING WORK IS THE RESPONSIBILITY OF THE WATERPROOFING, DAMP-PROOFING, AND CAULKING FILED SUB-BIDDER UNLESS OTHERWISE NOTED (TYP.).
 - 11. ALL PAINTING WORK IS THE RESPONSIBILITY OF THE PAINTING FILED SUB-BIDDER UNLESS OTHERWISE NOTED (TYP.).

ABBREVIATIONS:

ACT	ACOUSTICAL CEILING TILES	FSB	FILED SUB-BID	PEMB	PRE-ENGINEERED METAL
A.F.F.	ABOVE FINISHED FLOOR	FSPA	FIBERGLASS-SANDWICH-PANEL		BUILDING
ALUM	ALUMINUM		ASSEMBLIES	P.T.	PRESSURE TREATED
BOT/BOTT	ВОТТОМ	FTG	FOOTING	PV	PHOTO VOLTAIC
C.I.	CONTINUOUS INSULATION	GA.	GAUGE	RCP	REFLECTED CEILING PLAN
CMU	CONCRETE MASONRY UNIT	GALV.	GALVANIZED	SEC.	SECTION
CONC	CONCRETE	GEN.	GENERAL	SF	SQUARE FEET
CONT	CONTINUOUS	Н	HIGH / HEIGHT	SIM.	SIMILAR
COORD.	COORDINATE	HM	HOLLOW METAL	STRUCT	STRUCTURAL
D	DEEP / DEPTH	HORIZ.	HORIZONTAL	TYP.	TYPICAL
DN	DOWN	H.P.	HIGH POINT	U.O.N.	UNLESS OTHERWISE NOTED
DS	DOWNSPOUT	HVAC	HEATING, VENTILATING, AIR	V	VENT
EA	EACH		CONDITIONING	VERT.	VERTICAL
EF	EXHAUST FAN	L	LONG / LENGTH	V.I.F./VIF	VERIFY IN FIELD
ELEC	ELECTRICAL	MAX.	MAXIMUM	W	WIDE / WIDTH
EL/ELEV	ELEVATION	MECH	MECHANICAL	W/	WITH
EX/EXIST	EXISTING	MFR.	MANUFACTURER	WD	WOOD
EXT.	EXTERIOR	MIN.	MINIMUM		
FF & E	FURNITURE, FIXTURES, &	M.O.	MASONRY OPENING		
	EQUIPMENT	MTL	METAL		
FIN	FINISHED	NIC	NOT IN CONTRACT		

ON CENTER

OPPOSITE

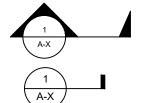
O.C./OC

OPP.

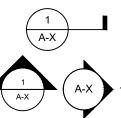
SYMBOL LEGEND

POLYESTER

FIBERGLASS REINFORCED



BUILDING / WALL SECTION



ELEVATION

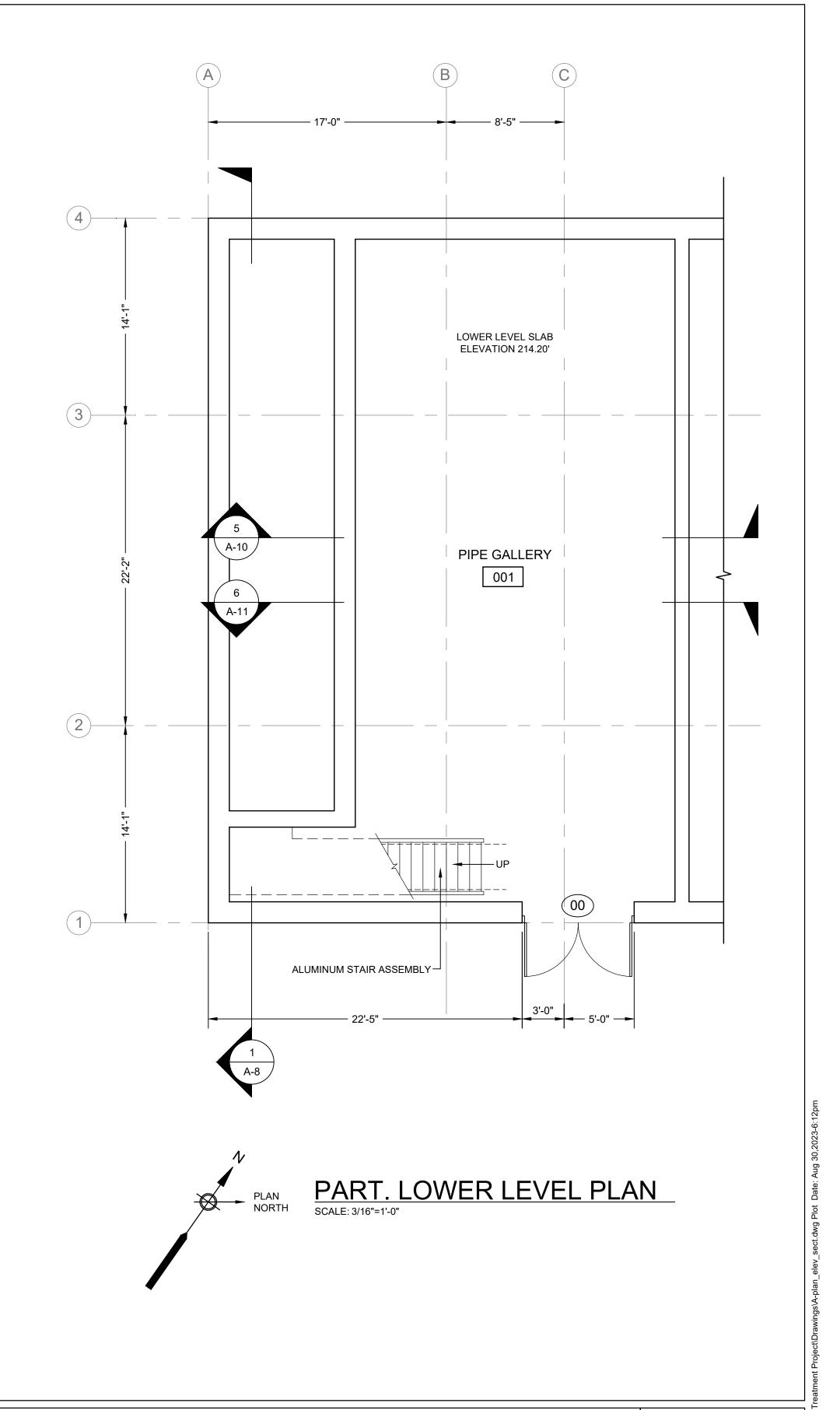
WINDOW / LOUVER TYPE

01

DOOR / FRAME NUMBER

(FE) = FIRE EXTINGUISHER

PROVIDE PORTABLE MULTIPURPOSE DRY-CHEMICAL TYPE FIRE EXTINGUISHERS: UL-RATED 2-A:10-B:C, 5-LB. NOMINAL CAPACITY, WITH MONOAMMONIUM PHOSPHATE-BASED DRY CHEMICAL IN ENAMELED-STEEL CONTAINER. PROVIDE MANUFACTURER'S STANDARD STEEL MOUNTING BRACKETS, DESIGNED TO SECURE FIRE EXTINGUISHERS TO WALL OR STRUCTURE, OF SIZES REQUIRED FOR TYPES AND CAPACITIES OF FIRE EXTINGUISHERS INDICATED, WITH PLATED OR BAKED-ENAMEL FINISH. PROVIDE IDENTIFICATION LETTERING COMPLYING WITH AUTHORITIES HAVING JURISDICTION FOR LETTER STYLE, SIZE, SPACING, AND LOCATION. LOCATE FIRE EXTINGUISHERS AS INDICATED; VERIFY IN FIELD WITH ENGINEER.





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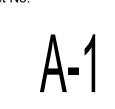
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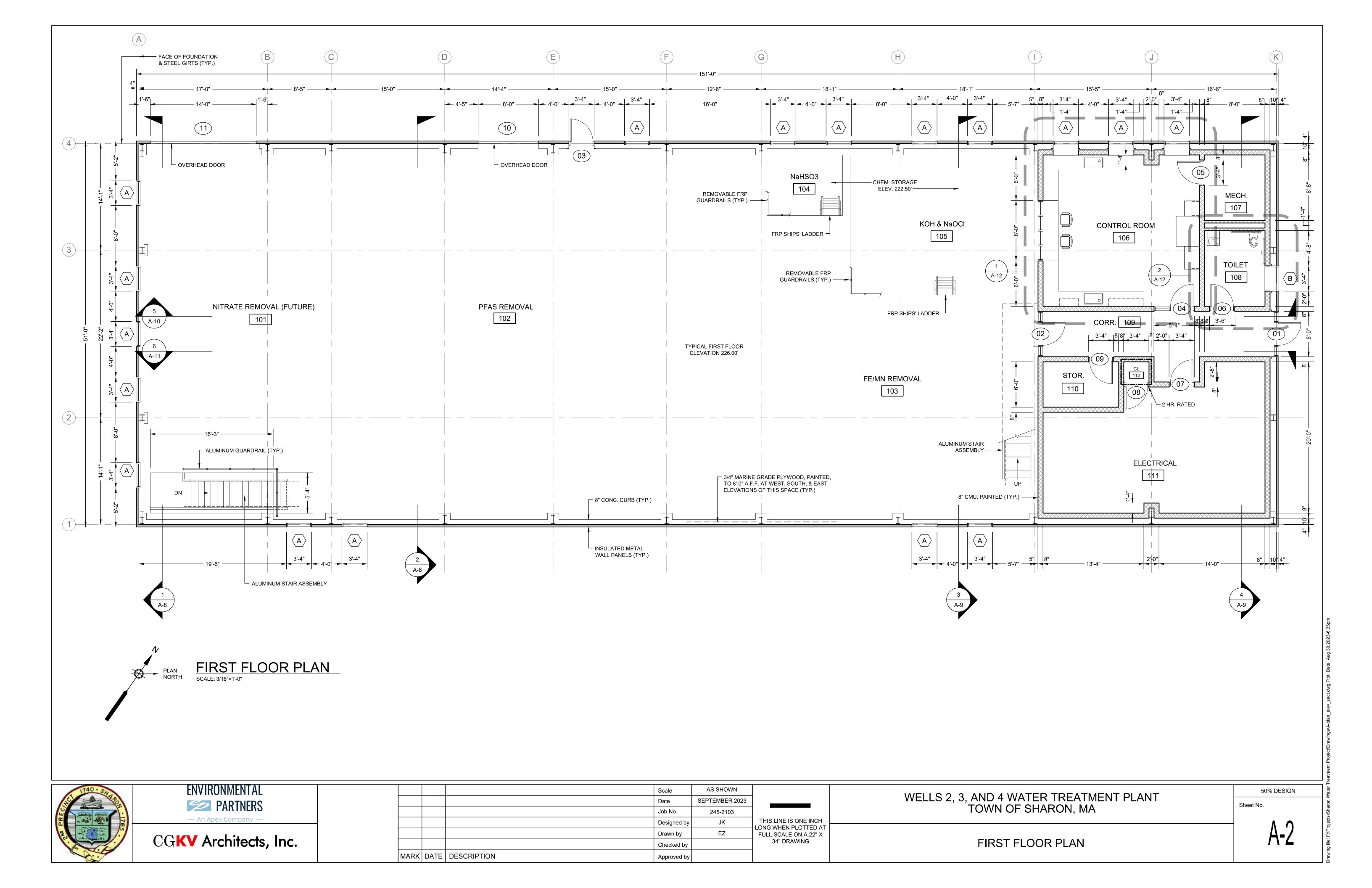
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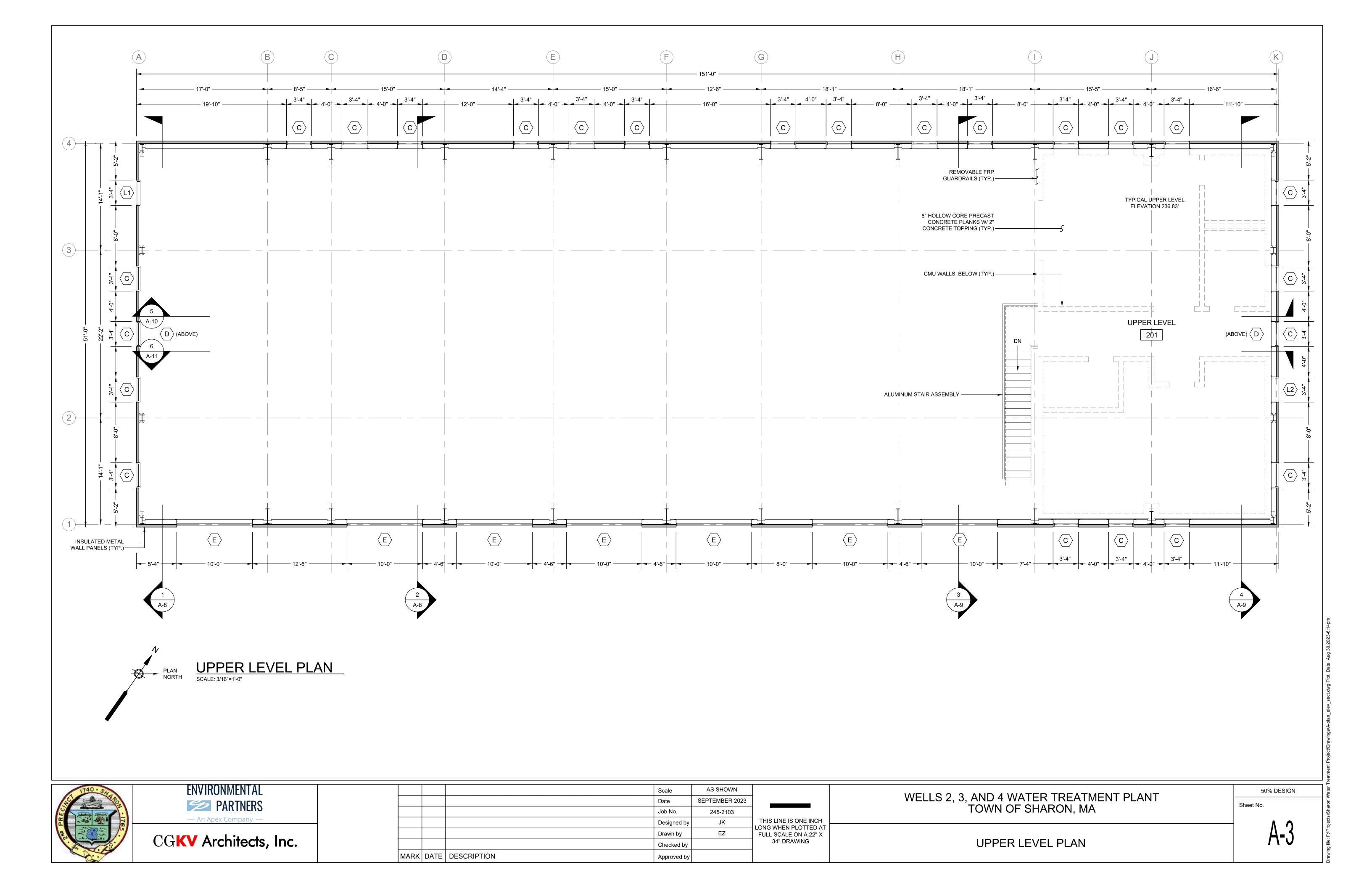
WELLS 2, 3, AND 4 WATER TREATMENT PLANT TOWN OF SHARON, MA

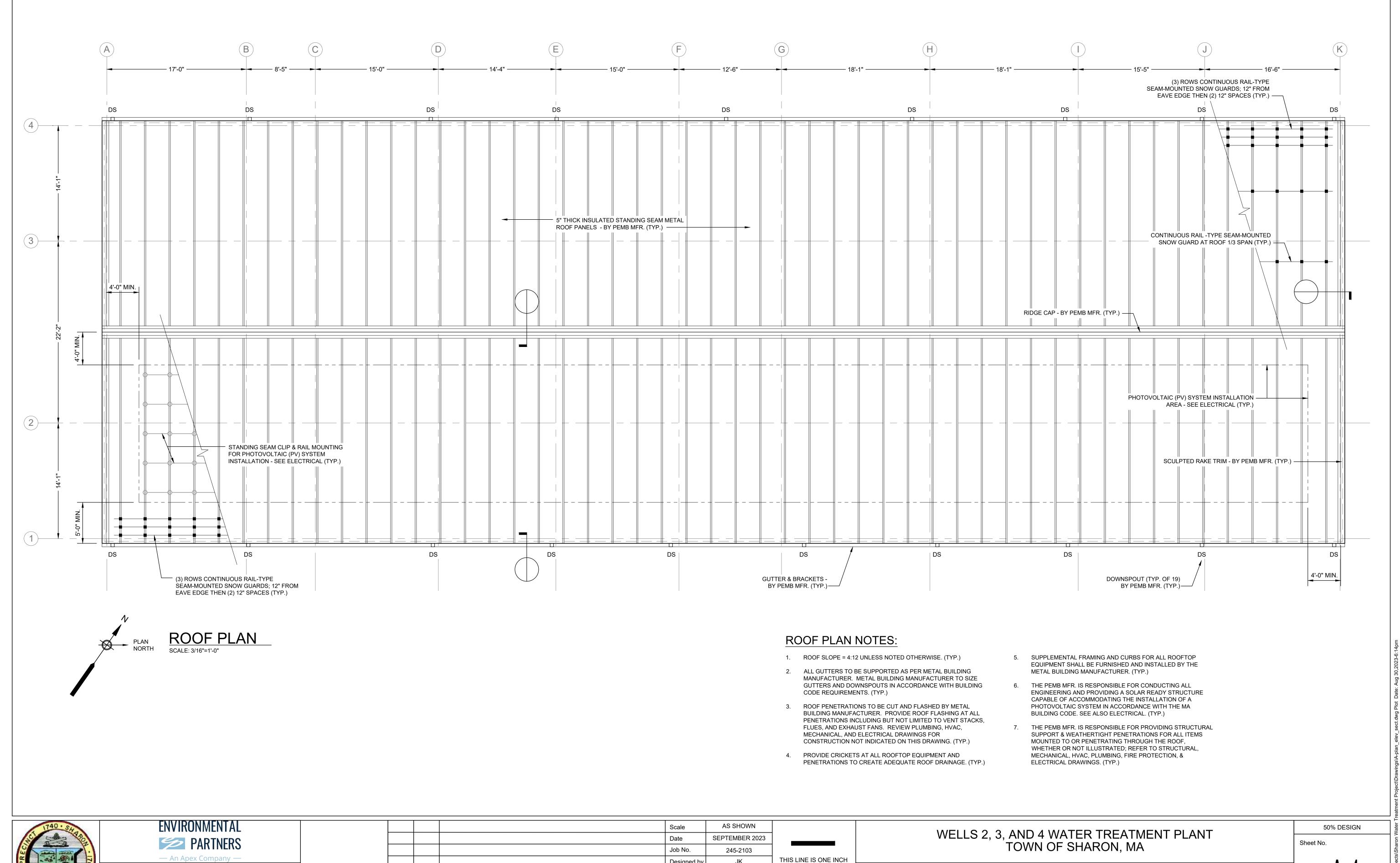
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GENERAL PROJECT INFORMATION; PARTIAL LOWER LEVEL PLAN





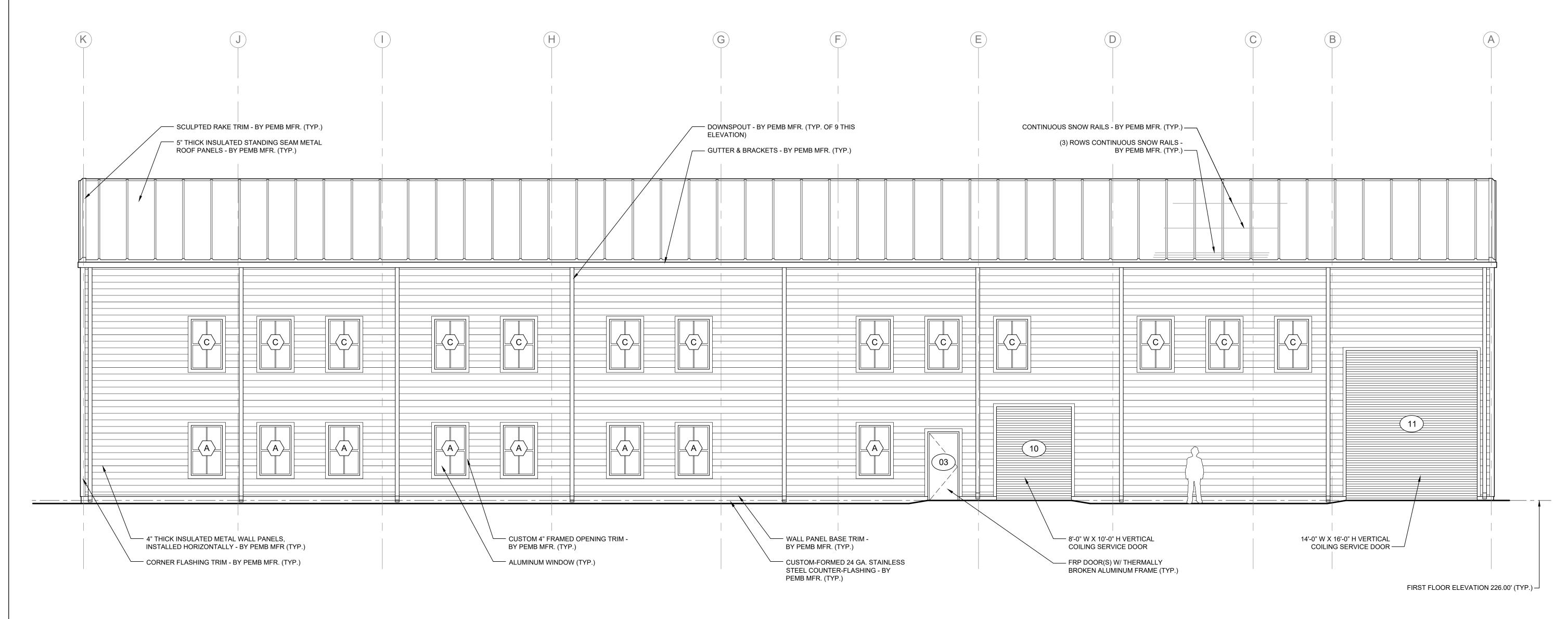




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ROOF PLAN



WEST (TREE LANE) ELEVATION
SCALE: 3/16"=1'-0"



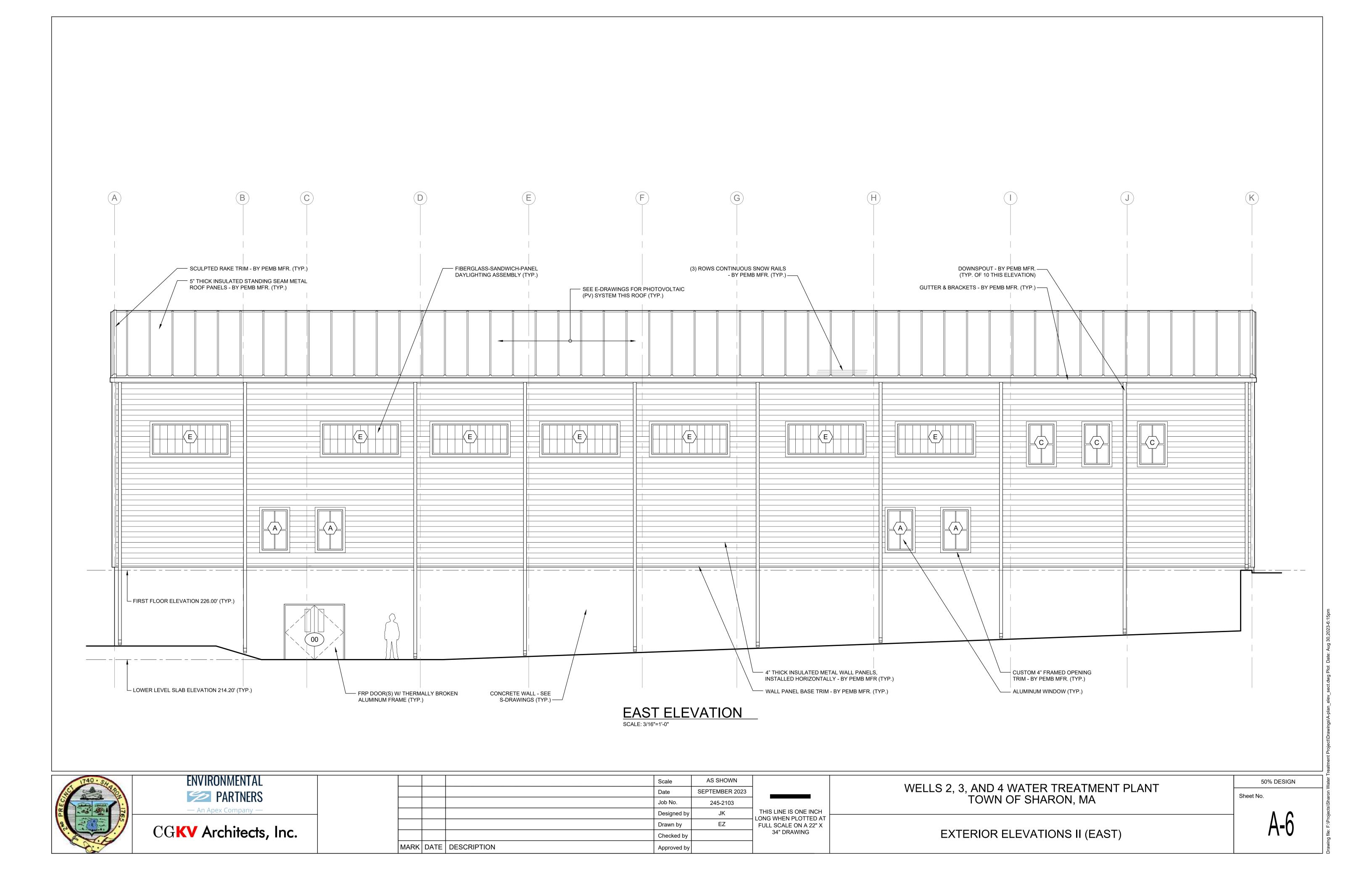
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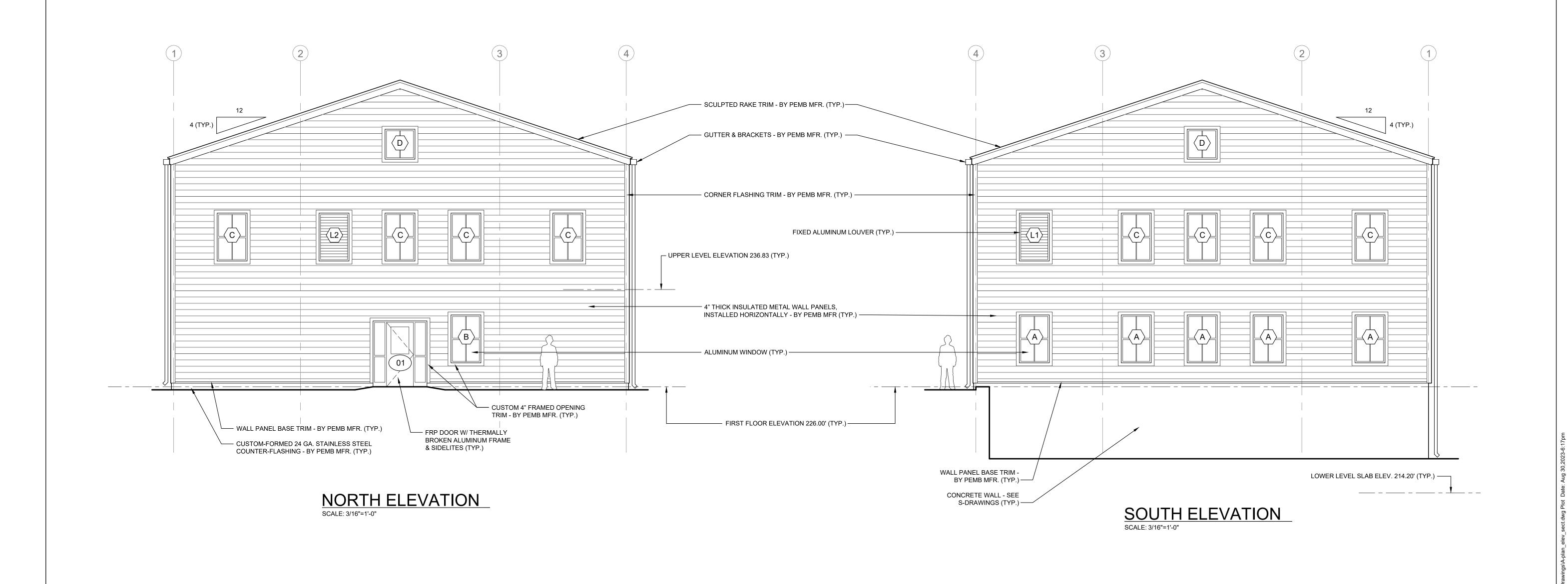
WELLS 2, 3, AND 4 WATER TREATMENT PLANT TOWN OF SHARON, MA

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EXTERIOR ELEVATIONS I (WEST)

Δ_5





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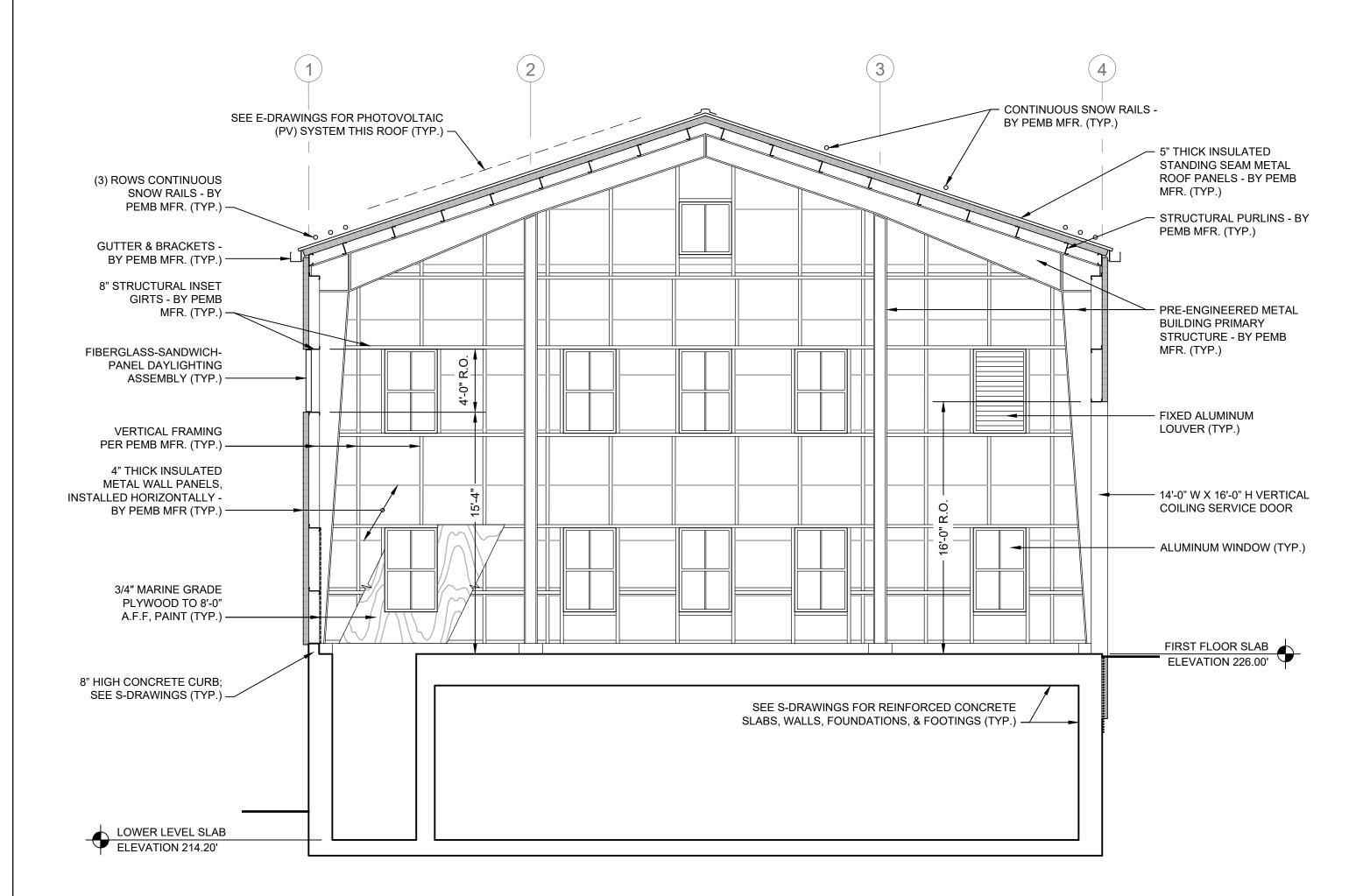
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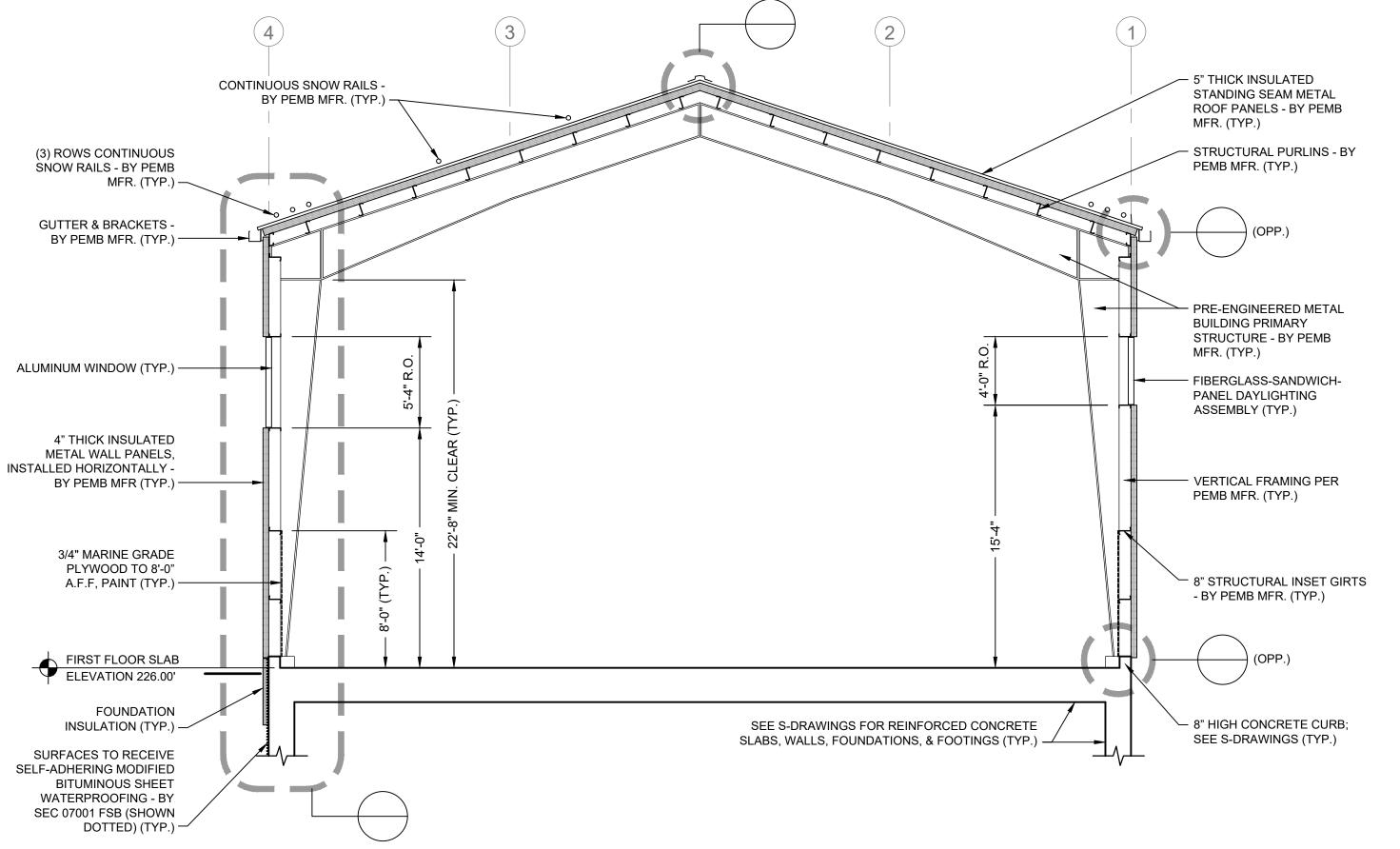
WELLS 2, 3, AND 4 WATER TREATMENT PLANT TOWN OF SHARON, MA

EXTERIOR ELEVATIONS III (NORTH & SOUTH)

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A-7





BUILDING SECTION 1
SCALE:3/16"=1'-0"

A-2

BUILDING SECTION 2
SCALE: 3/16"=1'-0"

A-2

140 · SHA	ENVIRONMENTAL PARTNERS — An Apex Company —
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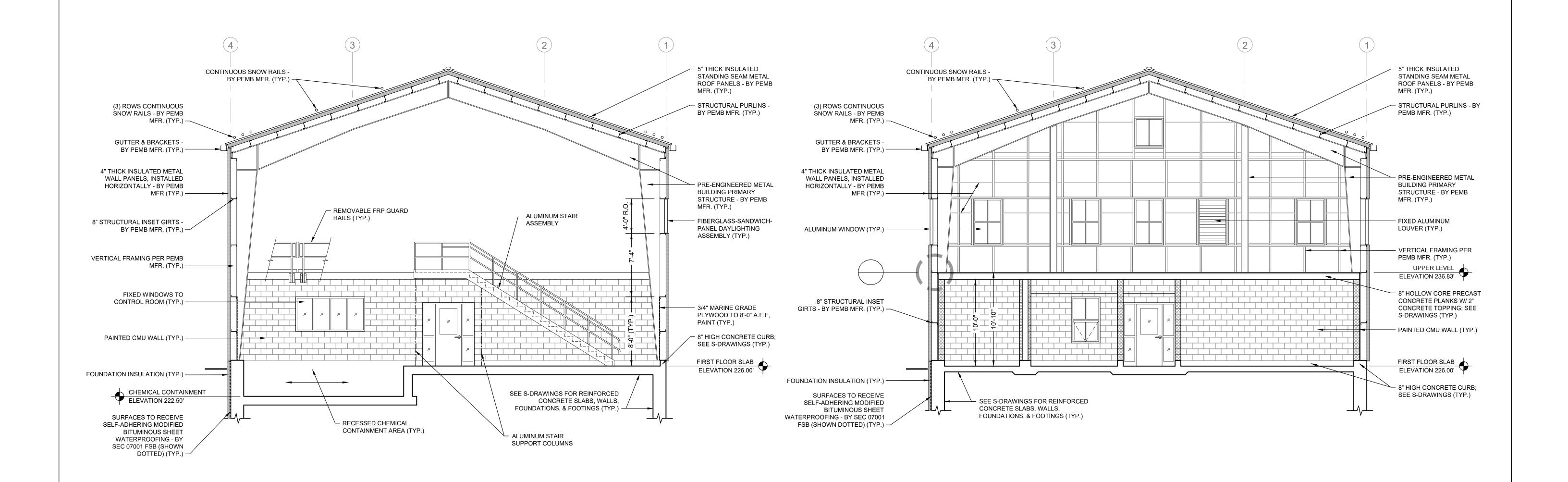
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WELLS 2, 3, AND 4 WATER TREATMENT PLANT
TOWN OF SHARON, MA

Sheet No.

BUILDING SECTIONS I

A-8



BUILDING SECTION

3

A-2

BUILDING SECTION

SCALE:3/16"=1'-0"

4
A-2



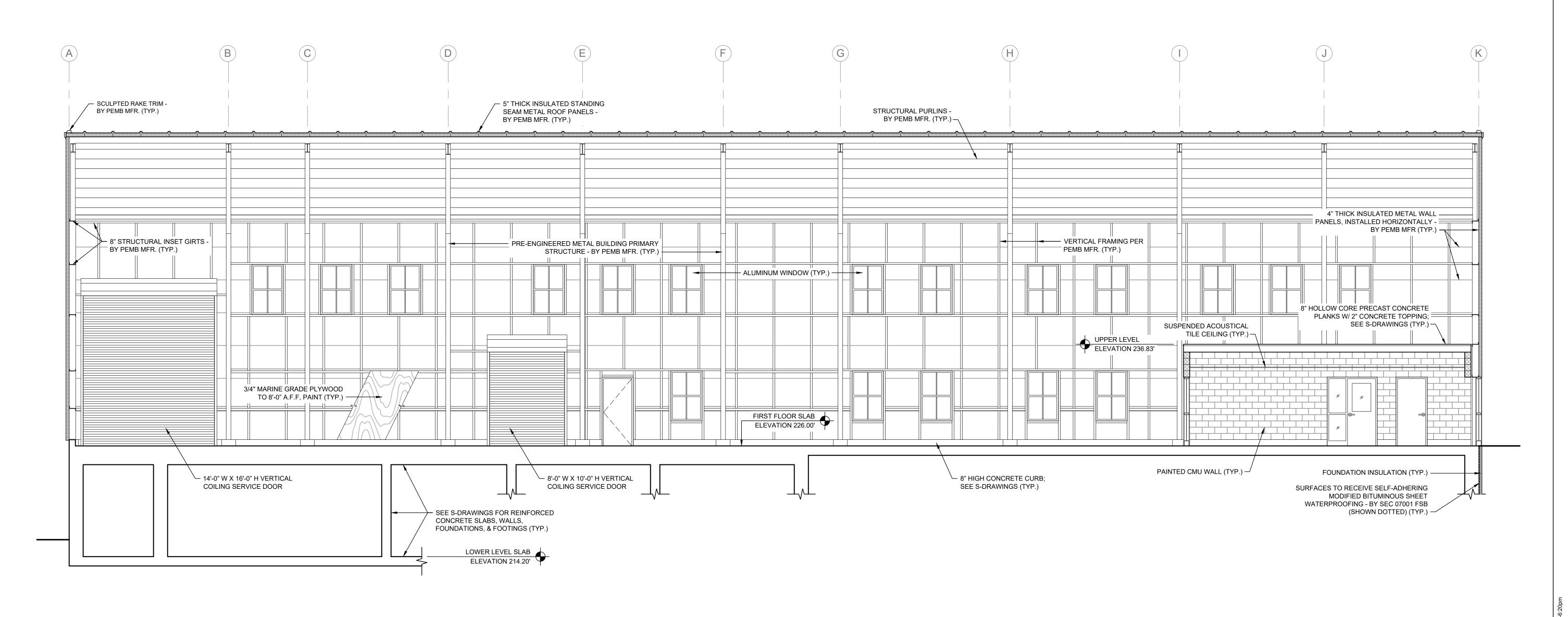
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WELLS 2, 3, AND 4 WATER TREATMENT PLANT TOWN OF SHARON, MA

Sheet No.

BUILDING SECTIONS II

A-9







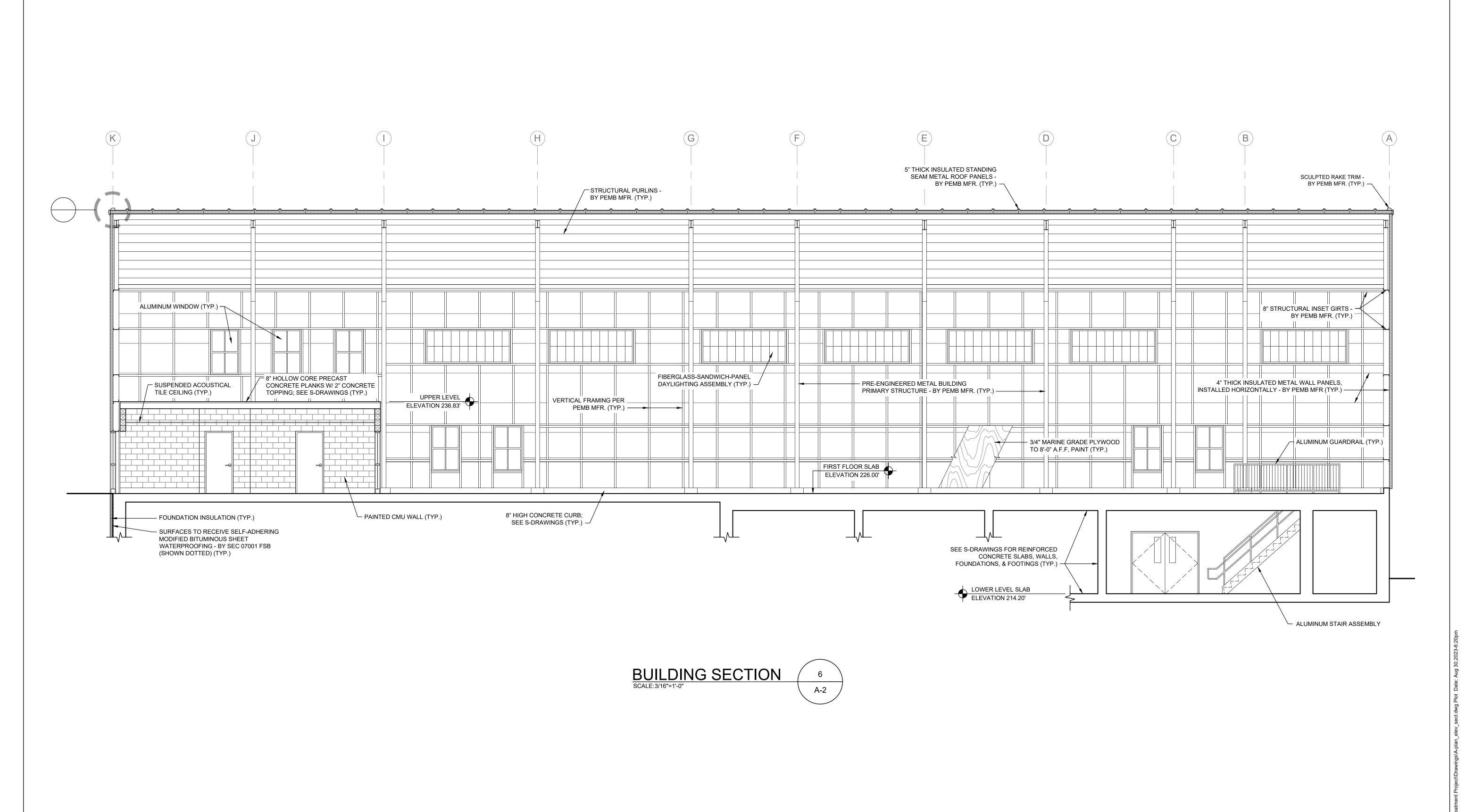
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WELLS 2, 3, AND 4 WATER TREATMENT PLANT
TOWN OF SHARON, MA

BUILDING SECTIONS III

Sheet No.





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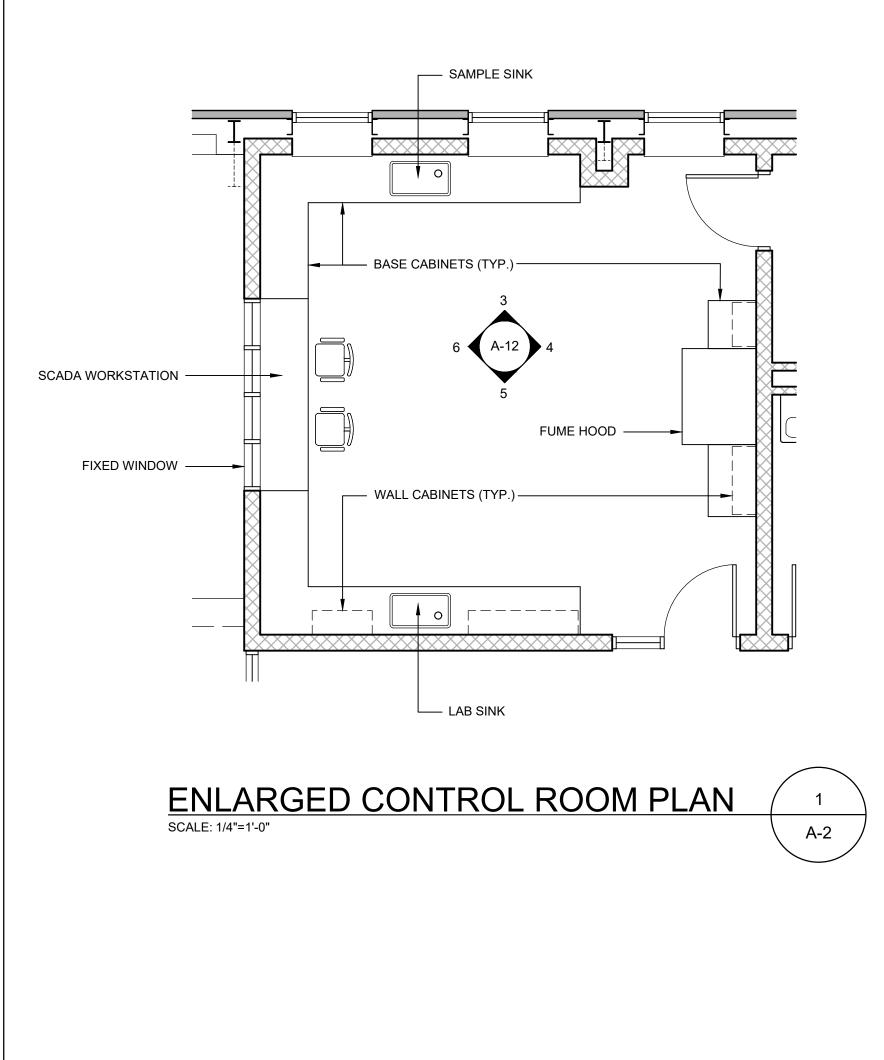
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WELLS 2, 3, AND 4 WATER TREATMENT PLANT TOWN OF SHARON, MA

BUILDING SECTIONS IV

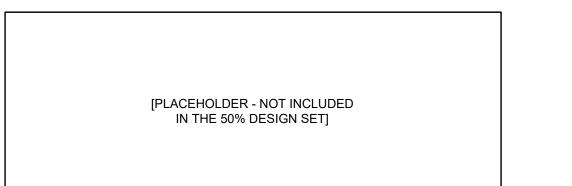
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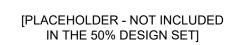








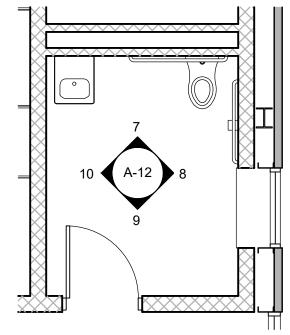


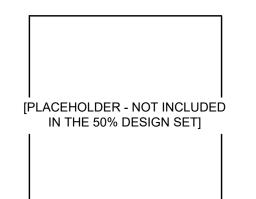




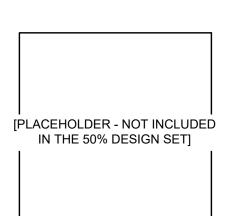
[PLACEHOLDER - NOT INCLUDED IN THE 50% DESIGN SET]























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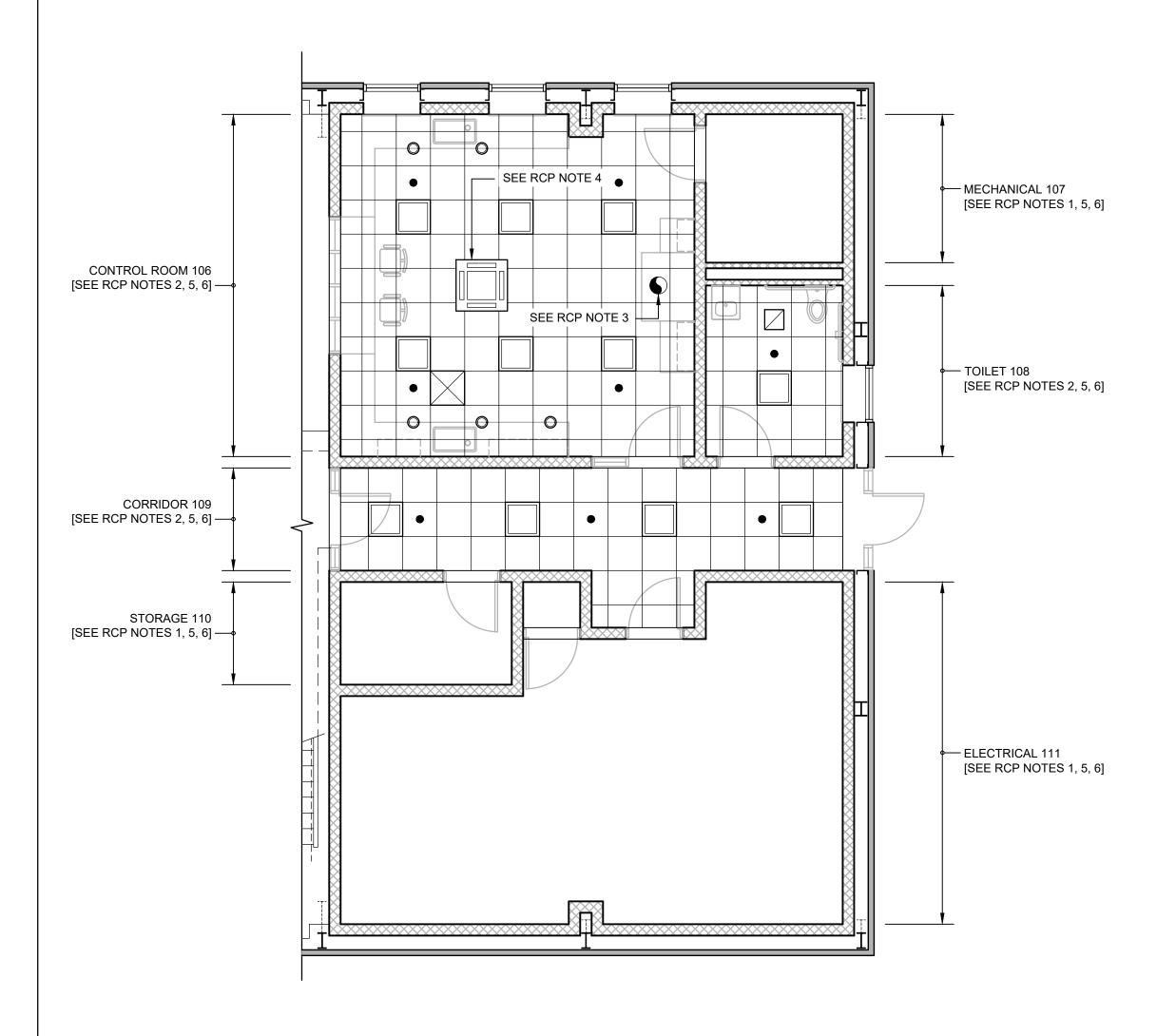
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WELLS 2, 3, AND 4 WATER TREATMENT PLANT TOWN OF SHARON, MA

Sheet No.

ENLARGED FLOOR PLANS; INTERIOR ELEVATIONS

A-12



PARTIAL FIRST FLOOR REFLECTED CEILING PLAN (RCP)

ROOM FINISH SCHEDULE

ROOM NO.	ROOM NAME	BASE	FLOOR	NORTH WALL	WEST WALL	EAST WALL	SOUTH WALL	CEILING	HEIGHT	REMARKS
001	PIPE GALLERY	CONC.	CONC. (SLR)	CONC.	CONC.	CONC.	CONC.	CONC.	11'-9 1/2"	
101	NITRATE REMOVAL (FUTURE)	CONC. (SLR)	CONC. (SLR)		MTL. WALL PANEL M.G. PLY. (PTD)	MTL. WALL PANEL M.G. PLY. (PTD)	MTL. WALL PANEL M.G. PLY. (PTD)	MTL. ROOF PANELS	VARIES	
102	PFAS REMOVAL	CONC. (SLR)	CONC. (SLR)		MTL. WALL PANEL M.G. PLY. (PTD)	MTL. WALL PANEL M.G. PLY. (PTD)		MTL. ROOF PANELS	VARIES	
103	FE / MN REMOVAL	CONC. (SLR)	CONC. (CRFF)	CMU (PTD)		MTL. WALL PANEL M.G. PLY. (PTD)		MTL. ROOF PANELS	VARIES	
104	NaHSO3 STORAGE	CONC. (CRWF)	CONC. (CRFF)	CONC. (CRWF)	CONC. (CRWF) M.G. PLY. (PTD) MTL. WALL PANELS	CONC. (CRWF)	CONC. (CRWF)	MTL. ROOF PANELS	VARIES	
105	KOH & NaOCI STORAGE	CONC. (CRWF)	CONC. (CRFF)	CONC. (CRWF) CMU (PTD)	CONC. (CRWF) M.G. PLY. (PTD) MTL. WALL PANELS	CONC. (CRWF)	CONC. (CRWF)	MTL. ROOF PANELS	VARIES	
106	CONTROL ROOM	CONC. (PTD) RES. BASE	CONC. (SLR)	CMU (PTD)	CMU (PTD)	CMU (PTD)	CMU (PTD)	ACT	8'-4"	
107	MECHANICAL	CONC. (SLR)	CONC. (SLR)	СМИ	СМU	CMU	СМU	CONC.	10'-0"	
108	TOILET	CONC. (PTD) RES. BASE	CONC. (SLR)	CMU (PTD)	CMU (PTD)	CMU (PTD)	CMU (PTD)	ACT	8'-4"	
109	CORRIDOR	CONC. (PTD) RES. BASE	CONC. (SLR)	CMU (PTD)	CMU (PTD)	CMU (PTD)	CMU (PTD)	ACT	8'-4"	
110	STORAGE	CONC. (SLR)	CONC. (SLR)	CMU	СМИ	CMU	СМИ	CONC.	10'-0"	
111	ELECTRICAL	CONC. (SLR)	CONC. (SLR)	CMU	CMU	CMU	CMU	CONC.	10'-0"	
112	CLOSET	CONC. (SLR)	CONC. (SLR)	CMU	CMU	CMU	CMU	CONC.	10'-0"	2 HR. RATED
201	UPPER LEVEL		CONC.	MTL. WALL PANELS	MTL. WALL PANELS	MTL. WALL PANELS		MTL. ROOF PANELS	VARIES	

FINISH SCHEDULE NOTES:

- 1. CONCRETE FLOOR HARDENER / SEALER (SLR) IS BY SECTION 03300 (TYP.).
- 2. ALL PAINTING (PTD) AND CHEMICAL RESISTANT FLOOR & WALL FINISHES (CRFF, CRWF) IS THE RESPONSIBILITY OF THE PAINTING FSB UNLESS OTHERWISE NOTED (TYP.).
- 3. MARINE GRADE PLYWOOD (M.G. PLY.) EXTENDS TO 8'-0" A.F.F. (TYP.).

ABBREVIATIONS:

A.F.F.: ABOVE FINISHED FLOOR CONCRETE MASONRY UNITS CMU:

CONC: CONCRETE CRFF:

CHEMICAL RESISTANT FLOOR FINISH CRWF: CHEMICAL RESISTANT WALL FINISH EXPOSED STRUCTURE ES: MARINE GRADE PLYWOOD M.G. PLY.:

MTL: PTD: PAINTED RES.: RESILIENT (BASE) SEALER [SEE NOTE 1]

1. PRE-CAST CONCRETE PLANK CEILING STRUCTURE; FINISHED CEILING HEIGHT 10'-0" A.F.F. (TYP.).

2. 2 x 2 SUSPENDED ACOUSTICAL PANEL CEILING SYSTEM; FINISHED CEILING HEIGHT 8'-4" A.F.F.; (UNDERSIDE OF PRE-CAST CONCRETE CEILING STRUCTURE ABOVE, 10'-0" A.F.F.) (TYP.).

3. FUME HOOD EXHAUST DUCT; COORDINATE WITH HVAC FSB (TYP.).

4. CEILING MOUNTED CASSETTE MINI SPLIT HEAT PUMP; COORDINATE WITH HVAC FSB (TYP.).

5. SEE ALSO HVAC, PLUMBING, FIRE PROTECTION, ELECTRICAL, AND OTHER DRAWINGS FOR OTHER ITEMS MOUNTED TO OR PENETRATING THROUGH CEILINGS (TYP.).

6. VERIFY AND COORDINATE FINAL LOCATIONS IN THE FIELD WITH ENGINEER

RCP LEGEND

RECESSED LIGHTING FIXTURE SMOKE DETECTOR RESESSED DOWNLIGHT HEAT DETECTOR

SURFACE MOUNTED LIGHTING FIXTURE CARBON MONOXIDE DETECTOR

SUPPLY DIFFUSER ANTENNA (INTERIOR)

EXHAUST GRILLE CONCEALED SPRINKLER HEAD

EXHAUST FAN



RCP NOTES:

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			Drawn by	EZ	FULL SCALE ON A 22" X
			Checked by		34" DRAWING
MARK	DATE	DESCRIPTION	Approved by		

WELLS 2, 3, AND 4 WATER TREATMENT PLANT TOWN OF SHARON, MA

PARTIAL REFLECTED CEILING PLAN; ROOM FINISH SCHEDULE

50% DESIGN Sheet No.