

HUMANE SOCIETY OF PORT JERVIS / DEERPARK POLE BARN / KENNEL 202 U.S. ROUTE 209 SECTION 53 BLOCK 1 LOT 4 TOWN OF DEERPARK, NY

PLEASE SEE THE APPROVED SITE PLAN ENTITLED "SITE PLAN
FOR HUMANE SOCIETY OF PORT JERVIS / DEERPARK"
PREPARED BY JOHN D. FULLER, P.E., P.C. DATED OCTOBER 29,
2021 FOR REFERENCE.

REVIS DWN BY REV DESCRIPTION DWH 0 FOR BID

JF MIT KNOWLEDGE, INFORMATION AND BELIEF,
CATIONS ARE IN ACCORDANCE WITH THE
NTS OF THE 2020 NEW YORK STATE BUILDING
W YORK STATE ENERGY CONSERVATION CODE .
And MA

JOHN D/ FULLER, P.E., P.C. REGISTRATION NO. 077703

then.

UNAUTHORIZED ALTERATION OR ADDITIONS TO A PLAN BEARING THE SEAL OF A LICENSED ENGINEER OR LAND SURVEYOR IS A VIOLATION OF SECTION 7209 SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW.

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JOHN D. FULLER

REG. NO. 077703

_	JOHN D. FULLER,	P.E., P.C	4 SOUTH PORT JEI (845) 856	RVIS, NY 12771			
	HUMANE SOCIETY (OF PORT JEF	RVIS / DE	ERPARK			
	POLE	BARN / KENN	NEL				
	202 U.S. ROUTE 209						
	SECTION 53 BLOCK 1 LOT 4						
	TOWN OF DEERPARK, NY						
	DWG TITLE			DWG NO.			
	TITLE S		T-1				
	SCALE AS NOTED	JOB NO.	2235.002				

PROJECT CODE DATA

APPLICABLE CODES:

NEW YORK STATE BUILDING CODE 2020 NEW YORK STATE ENERGY CONSERVATION CODE 2020

PROPOSED USE:

NON SEPARATED MIXED USE USE GROUP "B" - KENNEL W/ (OFFICE)

§602 CONSTRUCTION, CLASSIFICATION TYPE VB HEIGHT AND AREA LIMITATIONS:

§503 GENERAL BUILDING HEIGHT AND AREA LIMITATIONS (NON SPRINKLED):

NON SPRINKLED:	ALLOWED B	PROPOSED B
MAXIMUM HEIGHT:	40 FT, 2 STORY	< 40 FT, 1 STORY
MAXIMUM FIRE AREA:	9,000 SF	5,600 SF

FIRE PROTECTION EQUIPMENT

§903 SPRINKLER SYSTEM IS NOT REQUIRED. FIRE EXTINGUISHERS HAVE BEEN PROVIDED (CLASS A-B-C - 10LB MIN; SEE FLOOR PLAN). §907 FIRE ALARM AND DETECTION SYSTEM IS NOT REQUIRED.

FIRE-RESISTANCE-RATED CONSTRUCTION

TABLE 601

FIRE-RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS (HOURS)

	CONSTRUCTION CLASSIFICATION
BUILDING ELEMENT	TYPE VB
STRUCTURAL FRAME INCLUDING COLUMNS, GIRDERS, TRUSSES	0
BEARING WALLS	
EXTERIOR	0
INTERIOR	0
FLOOR CONSTRUCTION INCLUDING SUPPORTING BEAMS AND JOISTS	0
ROOF CONSTRUCTION INCLUDING SUPPORTING BEAMS AND JOISTS	0

§1003 GENERAL MEANS OF EGRESS

OCCUPANCY LOAD §1004 (B) BUSINESS

ONE (1) OCCUPANT PER 150 GROSS SQUARE FEET

TABLE 1004.1.1 MAXIMUM FLOOR AREA ALLOWANCES PER OCCUPANT						
OCCUPANCY FLOOR AREA IN SQ. FT. PER OCCUPANT BUILDING OCCUPANT FIRE AREA PER FLOOR						
В	1/150 NET	5600	37.3 (37)			

TABLE 1005.1 EGRESS WIDTH PER OCCUPANT SERVED							
WITHOUT SPRINKLER SYSTEM							
	ST	TAIRWAYS		OTHER EGRESS COMPONENT			
OCCUPANCY	INCHES PER OCCUPANT	REQUIRED	PROVIDED	INCHES PER OCCUPANT	REQUIRED	PROVIDED	
В	0.3 N/A N/A		N/A	0.2	7.4"	36"	

ACCESSIBILITY

BUILDING AND SITE HAVE BEEN DESIGNED IN ACCORDANCE WITH

ANSI 117.1 FOR BATHROOMS, ACCESS, PARKING, AND DOORS.

ALL RAMPS TO HAVE HANDRAILS AND GUARDS WITH SLIP RESISTANT SURFACES.

GENERAL NOTES

- 1. ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE 2020 NEW YORK STATE BUILDING CODE, THE 2020 NEW YORK STATE ENERGY CONSERVATION CODE AND ALL OTHER APPLICABLE CODES & ORDINANCES.
- 2. CONTRACTOR SHALL VISIT THE JOB SITE AND SHALL FAMILIARIZE HIMSELF WITH ALL CONDITIONS AFFECTING THE PROPOSED WORK AND SHALL MAKE PROVISIONS AS TO THE COST THEREOF. CONTRACTOR SHALL BE RESPONSIBLE FOR FAMILIARIZING HIMSELF WITH ALL CONTRACT DOCUMENTS, FIELD CONDITIONS AND DIMENSIONS AND CONFIRMING THAT THE WORK MAY BE ACCOMPLISHED AS SHOWN PRIOR TO PROCEEDING WITH CONSTRUCTION. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER AND OWNER PRIOR TO THE COMMENCEMENT OF WORK.
- 3. PLANS ARE NOT TO BE SCALED. THESE PLANS ARE INTENDED TO BE A DIAGRAMMATIC OUTLINE ONLY UNLESS OTHERWISE NOTED. THE WORK SHALL INCLUDE FURNISHING MATERIALS, EQUIPMENT AND APPURTENANCES, AND LABOR NECESSARY TO EFFECT ALL INSTALLATIONS AS INDICATED ON THE DRAWINGS.
- 4. DRAWINGS ARE INTENDED TO SHOW END RESULT OF DESIGN. MINOR MODIFICATIONS MAY BE REQUIRED TO SUIT JOB DIMENSIONS OR CONDITIONS, AND SUCH MODIFICATIONS SHALL BE INCLUDED AS PART OF THE WORK.
- 5. CONTRACTOR SHALL RECEIVE CLARIFICATION IN WRITING, AND SHALL RECEIVE IN WRITING AUTHORIZATION TO PROCEED BEFORE STARTING WORK ON ANY ITEMS NOT CLEARLY DEFINED OR IDENTIFIED BY THE CONTRACT DOCUMENTS.
- 6. CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK USING THE BEST CONSTRUCTION SKILLS AND ATTENTION. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES AND FOR COORDINATING ALL PORTIONS OF THE WORK UNDER CONTRACT, UNLESS OTHERWISE NOTED.
- 7. CONTRACTOR SHALL SECURE ALL NECESSARY BUILDING PERMITS AND INSPECTIONS AND PAY ALL REQUIRED FEES.
- 8. CONTRACTOR SHALL MAINTAIN LIABILITY INSURANCE TO PROTECT THE OWNER.
- 9. COMPLETE JOB SHALL BE GUARANTEED FOR ONE (1) YEAR AFTER THE DATE OF ACCEPTANCE BY OWNER. ANY WORK, MATERIALS, OR EQUIPMENT FOUND TO BE DEFECTIVE DURING THAT PERIOD SHALL BE CORRECTED IMMEDIATELY UPON WRITTEN NOTIFICATION AT NO ADDITIONAL COST TO OWNER.
- 10. ANY INSPECTIONS REQUIRED BY THE GOVERNING JURISDICTIONS SHALL BE EXECUTED AND PAID FOR BY THE CONTRACTOR.

DESIGN LOADS

1. FLOOR: - RETAIL

- 2. ROOF: - Pf (FLAT ROOF) - Pg (GROUND) - SNOW EXPOSURE FACTOR (Ce) 1.0 [EXPOSURE B] - SNOW IMPORTANCE FACTOR (I) 1.0
- SNOW THERMAL FACTOR (Ct) 1.0 3. LATERAL LOADS (WIND) -
- BUILDING MAIN WIND FORCE RESISTING SYSTEM - BASIC WIND SPEED 90 MPH - WIND IMPORTANCE FACTOR (I) 1.0 - WIND EXPOSURE

SITE WORK NOTES

- 1. ALL EXCAVATIONS SHALL BE DEWATERED BY SUMPING, PUMPING, ETC. IN A MANNER WHICH WILL NOT LOOSEN FOUNDATION SUBGRADE MATERIAL. SURFACE WATER SHALL BE DIVERTED AWAY FROM EXCAVATIONS BY MEANS OF BERMS, DIVERSION DITCHES, OR OTHER SUITABLE METHODS.
- 2. CONFINED EXCAVATIONS FOR FOUNDATIONS, UTILITIES, ETC. SHALL BE LIMITED TO 4 FEET IN DEPTH UNLESS SHORING AND BRACING IS USED. TRENCH EXCAVATION GEOMETRY AND/OR BRACING SHALL CONFORM WITH THE LATEST OSHA REQUIREMENTS.
- 3. BACKFILL SHALL BE PLACED IN MAXIMUM LOOSE LIFT THICKNESSES OF 8 INCHES AND COMPACTED WITH SUITABLE COMPACTION EQUIPMENT. ALL FILL SHALL BE COMPACTED TO AT LEAST 95% OF MAXIMUM DRY DENSITY PER ASTM D1557. IN CONFINED AREAS WHERE ONLY HAND TAMPING IS FEASIBLE, FILL SHALL BE PLACED IN MAXIMUM 4 INCH LOOSE LIFTS AND COMPACTED TO THE AFOREMENTIONED CRITERIA.
- 4. ALL FILL SHALL BE CLEAN AND FREE OF LARGE ROCK; NO ORGANIC MATTER SHALL BE PERMITTED.
- 5. TEMPORARY EROSION CONTROL STRUCTURES SHALL BE INSTALLED AS REQUIRED AFTER THE SITE IS DISTURBED

NOTE:

N/A (SLAB ON GRADE)

35 PSF

50 PSF

UNLESS OTHERWISE NOTED, ALL DIMENSIONS ARE FROM FINISH MATERIAL TO FINISH MATERIAL AND ARE APPROXIMATE. MINOR MODIFICATIONS MAY BE NECESSARY AND ARE INCLUDED AS PART OF THIS WORK.

WOOD NOTES

- 1. FRAMING LUMBER SHALL BE AS FOLLOWS: (U.O.N.) A. JOISTS, RAFTERS, GIRDERS & HEADERS; DOUGLAS FIR OR SPRUCE-PINE-FIR, NO. 2 OR BETTER
- B. STUDS; MINIMUM NO. 3, STANDARD OR STUD GRADE
- LUMBER. C. PLYWOOD: U.O.N. (UNLESS ZIP SYSTEM IS USED)
- SUBFLOOR 3/4" T&G AC PLYWOOD STRUCTURAL GRADE, GLUED AND NAILED
- WALLS 7/16" OSB STRUCTURAL GRADE EXTERIOR ROOF -1/2" CDX PLYWOOD STRUCTURAL GRADE EXTERIOR D. IN CONTACT WITH CONCRETE, GROUND, OR EXPOSED TO WEATHER, SOUTHERN PINE PRESSURE TREATED (ACQ).
- 2. ALL STRUCTURAL MEMBERS SHALL BE FASTENED IN ACCORDANCE WITH THE REQUIREMENTS OF TABLE R602.3(1).
- 3. FIREBLOCKING SHALL BE PROVIDED IN THE FOLLOWING LOCATIONS:
- A. IN CONCEALED SPACES OF STUD WALLS AND PARTITIONS. INCLUDING FURRED SPACES, AT THE CEILING AND FLOOR LEVELS. CONCEALED HORIZONTAL FURRED SPACES SHALL ALSO BE FIREBLOCKED AT INTERVALS NOT EXCEEDING 10 FEET.
- B. AT ALL INTERCONNECTIONS BETWEEN CONCEALED VERTICAL SPACES SUCH AS OCCUR AT SOFFITS, DROP CEILINGS, AND COVE CEILINGS.
- C. IN CONCEALED SPACES BETWEEN STAIR STRINGERS AT THE TOP AND BOTTOM OF THE RUN.
- D. AT OPENINGS AROUND VENTS, PIPES AND DUCTS AT CEILING AND FLOOR LEVEL, TO RESIST THE FREE PASSAGE OF FLAME AND PRODUCTS OF COMBUSTION.
- E. FIREBLOCKING OF CHIMNEYS AND FIREPLACES SHALL BE IN ACCORDANCE WITH R1001.16.
- 4. RAFTERS AND CEILING JOISTS HAVING A DEPTH-TO-THICKNESS RATIO EXCEEDING 5 TO 1 BASED ON NOMINAL DIMENSIONS SHALL BE PROVIDED WITH LATERAL SUPPORT AT POINTS OF BEARING TO PREVENT ROTATION.
- 5. RAFTERS AND CEILING JOISTS HAVING A DEPTH-TO-THICKNESS RATIO EXCEEDING 6 TO 1 BASED ON NOMINAL DEMENSIONS SHALL BE SUPPORTED LATERALLY BY SOLID BLOCKING, DIAGONAL BRIDGING (WOOD OR METAL) OR A CONTINUOUS 1-INCH BY 3-INCH WOOD STRIP NAILED ACROSS THE RAFTERS OR CEILING JOISTS AT INTERVALS NOT EXCEEDING 8 FEET.
- 6. OPENINGS IN ROOF AND CEILING FRAMING SHALL BE FRAMED WITH HEADER AND TRIMMER JOISTS. WHEN THE HEADER JOIST SPAN DOES NOT EXCEED 4 FEET, THE HEADER JOIST MAY BE A SINGLE MEMBER THE SAME SIZE AS THE CEILING JOIST OR RAFTER. SINGLE TRIMMER JOISTS MAY BE USED TO CARRY A SINGLE HEADER JOIST THAT IS LOCATED WITHIN 3 FEET OF THE TRIMMER JOIST BEARING.
- 7. ALL MICROLAM BEAMS, LVL SHALL HAVE A MINIMUM Fb OF 2,800 PSI E=2.0.
- 8. IF ROOF OR FLOOR TRUSSES ARE USED THEY MUST BE DESIGNED FOR THE MINIMUM LOADS IN THESE NOTES & AS REQUIRED BY CODE. SHOP DRAWINGS OF TRUSSES TO BE USED MUST BEAR THE SEAL OF A REGISTERED ARCHITECT OR ENGINEER
- 9. PROVIDE CROSSBRACING BETWEEN JOISTS @ 8' O.C. MAXIMUM.
- 10. WOOD POSTS UNDER BEAMS SHALL BE AS WIDE AS THE BEAM IT CARRIES.
- 11. IF WALL STUDS ARE OVER 10 FEET HIGH THAN CATS SHALL BE PROVIDED AT THEIR MIDPOINT.
- 12. ALL METAL CONNECTORS SHALL BE SIMPSON STRONG-TIE OR APPROVED EQUAL.
- 13. PROVIDE RAFTER TIES (H-2, HURRICANE) AT EACH RAFTER END ON WALL TOP PLATES.

WINDOWS & DOORS

- 1. WINDOWS AND DOORS SHALL BE SIZE, TYPE AND MANUFACTURER AS INDICATED ON DRAWINGS. ALL WINDOWS AND DOORS SHALL BE MANUFACTURED TO MEET THE APPROPRIATE SECTIONS OF THE BUILDING CODE AND LABELLED AS SUCH. LABELS SHALL REMAIN ON WINDOWS FOR INSPECTION UNTIL A CERTIFICATE OF OCCUPANCY IS GRANTED BY THE CODE ENFORCEMENT OFFICER.
- 2. TEMPERED GLASS, AS INDICATED IN NOTE 3 AND ON THE DOOR AND WINDOW SCHEDULES, SHALL HAVE A MANUFACTURERS LABEL DESIGNATING THE TYPE AND THICKNESS OF THE GLASS AND THE SAFETY GLAZING STANDARD WITH WHICH IT COMPLIES.
- 3. GLAZING LESS THAN 24" ABOVE FLOOR, GREATER THAN 9 SQUARE FEET IN AREA, INSTALLED IN DOORS AND INSTALLED IN SIDELITES SHALL BE TEMPERED, AS INDICATED ON THE DRAWINGS.
- 4. EXTERIOR WINDOW, DOOR, AND VENT OPENINGS SHALL BE CAULKED, FLASHED, WEATHERSTRIPPED OR OTHERWISE SEALED TO THE SIDEWALL IT IS FASTENED TO.

ROOFING NOTES

- 1. ROOF SHALL BE METAL. INSTALL PER MANUFACTURERS SPECIFICATIONS. PROVIDE UNDERLAYMENT AS SPECIFIED BY MANUFACTURER AND METAL DRIP EDGE AT ALL ROOF EDGES.
- 2. ROOF UNDERLAYMENT. INSTALL AS PER MANUFACTURERS SPECIFICATIONS.
- 3. ICE PROTECTION. AN ICE BARRIER THAT CONSISTS OF AT LEAST TWO LAYERS OF UNDERLAYMENT CEMENTED TOGETHER OR OF A SELF-ADHERING POLYMER MODIFIED BITUMEN SHEET, SHALL BE INSTALLED IN LIEU OF NORMAL UNDERLAYMENT FROM THE EAVE'S EDGE TO A POINT AT LEAST 24 INCHES INSIDE THE EXTERIOR WALL LINE OF THE BUILDING.
- 4. CRICKETS AND SADDLES. A CRICKET OR SADDLE SHALL BE INSTALLED ON THE RIDGE SIDE OF ANY CHIMNEY GREATER THAN 30 INCHES WIDE. CRICKET OR SADDLE COVERINGS SHALL BE SHEET METAL OR OF THE SAME MATERIAL AS THE ROOF COVERING.
- 5. SIDEWALL FLASHING. FLASHING AGAINST A VERTICAL SIDEWALL SHALL BE BY THE STEP-FLASHING METHOD.
- 6. OTHER FLASHING. FLASHING AGAINST A VERTICAL FRONT WALL, AS WELL AS SOIL STACK, VENT PIPE AND CHIMNEY FLASHING, SHALL BE APPLIED ACCORDING TO MANUFACTURER'S PRINTED INSTRUCTIONS.

CONCRETE NOTES

- 1. DESIGN AND CONSTRUCTION SHALL CONFORM TO THE AMERICAN CONCRETE INSTITUTE "BUILDING CODE REQUIREMENTS FOR REINFORCED CONRETE" ACI 318, LATEST EDITION.
- 2. CONCRETE WORK AND MATERIALS SHALL CONFORM TO THE AMERICAN CONCRETE INSTITUTE "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS", ACI 301.
- 3. REINFORCING STEEL SHALL BE DEFORMED BARS CONFORMING TO ASTM A615-GRADE 60. "DEFORMED AND PLAIN BILLET STEEL BARS FOR CONCRETE REINFORCEMENT."
- 4. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185. "WELDED STEEL WIRE FABRIC FOR CONCRETE REINFORCEMENT."
- 5. CONCRETE SLUMP SHALL NOT EXCEED 5 INCHES UNLESS SPECIFICALLY AUTHORIZED BY THE ENGINEER. SLUMP SHALL BE DETERMINED IN ACCORDANCE WITH ASTM C143.
- 6. READY MIX CONCRETE SHALL COMPLY WITH ACI-304 AND ASTM C-94 WITH A MAXIMUM WATER CEMENT RATIO OF 0.50. TIME BETWEEN INTRODUCTION OF WATER AND THE PLACEMENT OF CONCRETE SHALL NOT EXCEED 1 - $\frac{1}{2}$ HOURS.
- 7. PROVIDE AIR ENTRAINMENT IN EXTERIOR EXPOSED CONCRETE TO OBTAIN TOTAL AIR CONTENT OF 5% ± 1% IN ACCORDANCE WITH ACI 301.
- 8. CONCRETE COVER FOR REINFORCING SHALL BE 3 INCHES FOR CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH. AT ALL OTHER CONCRETE SURFACES, MINIMUM COVER SHALL BE 2 INCHES FOR #6 AND LARGER BARS, AND 1-1/2 INCHES FOR #5 AND SMALLER BARS.
- 9. ALL REINFORCING SHALL BE CONTINUOUS AND SHALL BE LAPPED 40 BAR DIAMETERS AT SPLICES, BENT AROUND CORNERS, AND HOOKED AT NON-CONTINUOUS ENDS.
- 10. EXTERIOR WALKING SURFACES SHALL RECEIVE A BROOM FINISH.
- 11. DRYING OUT OF CONCRETE, ESPECIALLY DURING THE FIRST 24 HOURS, SHALL BE CAREFULLY GUARDED AGAINST. ALL SURFACES SHALL BE MOIST CURED OR PROTECTED USING A MEMBRANE CURING AGENT APPLIED AS SOON AS FORMS ARE REMOVED. IF MEMBRANE CURING AGENT IS USED. EXERCISE CARE NOT TO DAMAGE SURFACE.

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ABBREVIATIONS

A.B.	ANCHOR BOLT	HORIZ.
A.F.F.	ABOVE FINISH FLOOR	INSUL.
ARCH.	ARCHITECT	INT.
A.S.L.	ABOVE SEA LEVEL	MAX.
BIT.	BITUMINOUS	M.D.O.
BD.	BOARD	MIN.
В.О.	BOTTOM OF	MTD.
BRD.	BOARD	N.I.C.
BTM.	BOTTOM	O.C.
CANT.	CANTILEVERED	OPNG.
CLG.	CEILING	OPP.
မ	CENTERLINE	PLYWD.
COL.	COLUMN	PNL.
CONC.	CONCRETE	P.T.
CONT.	CONTINUOUS	PTD.
DIA.	DIAMETER	REQ.
DR.	DOOR	RM.
	DRAWING	R.O.
D.S.	DOWN SPOUT	S.F.
EL.	ELEVATION	SIM.
ELEC.	ELECTRICAL	SQ.
	ELEVATION	S.S.
ENG.	ENGINEER	STD.
EQ.	EQUAL	STL.
	EXTERIOR	STRUC.
		SUBFL.
		T&B
	FRAMING	T.B.D.
FIN.		THK.
	FLOOR	Т.О.
F.MF.M.	FACE OF MASONRY TO FACE OF MASONRY	TYP.
F.O.	FACE OF	V.I.F.
FOUND.	FOUNDATION	VERT.
F.R.	FIBER REINFORCED	VEST.
GALV.	GALVANIZED	W/
G.C.	GENERAL CONTRACTOR	WIND.
G.W.B.	GYPSUM WALL BOARD	WD.
		W.W.F.

FINISHES

1. ALL GYPSUM BOARD TO BE OF TYPE AND THICKNESS SHOWN; TAPED, SPACKLED 3 COATS, AND SANDED TO A SMOOTH FINISH.

- WALLS, U.O.N.

- UTILITY ROOMS

- CEILINGS
- UNDER STAIR PROTECTION - BATHROOM WALLS
- 1/2" 5/8" 1/2" 1/2" MOISTURE RESIST 5/8" TYPE 'X' FIRE RATED

HORIZONTAL

INSULATION

INTERIOR

MAXIMUM

MINIMUM

MOUNTED

ON CENTER

OPENING

OPPOSITE

PLYWOOD

PAINTED

ROOM

SIMILIAR

SQUARE

STANDARD

STRUCTURAL

SUBFLOOR

STEEL

THICK

TOP OF

TYPICAL

VERTICAL

VESTIBULE

WITH

WINDOW

WELDED WIRE

WOOD

FABRIC

REQUIRED

PANEL

NOT IN CONTRACT

PRESSURE TREATED

ROUGH OPENING

STAINLESS STEEL

TOP AND BOTTOM

TO BE DECIDED

VERIFY IN FIELD

SQUARE FEET

MEDIUM DENSITY OVERLAY

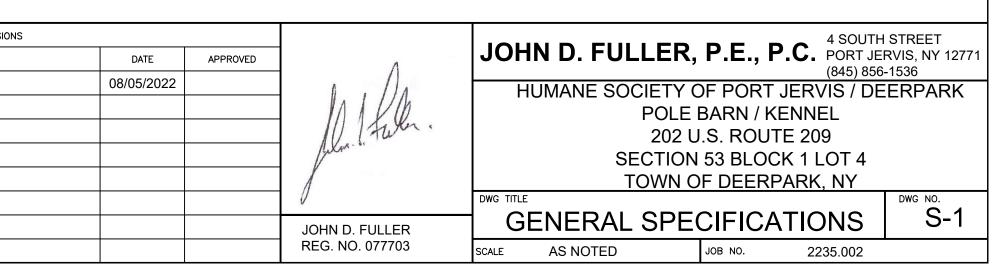
GYPSUM BOARD INSTALLATION SHALL COMPLY WITH SECTION 25 OF THE BUILDING CODE.

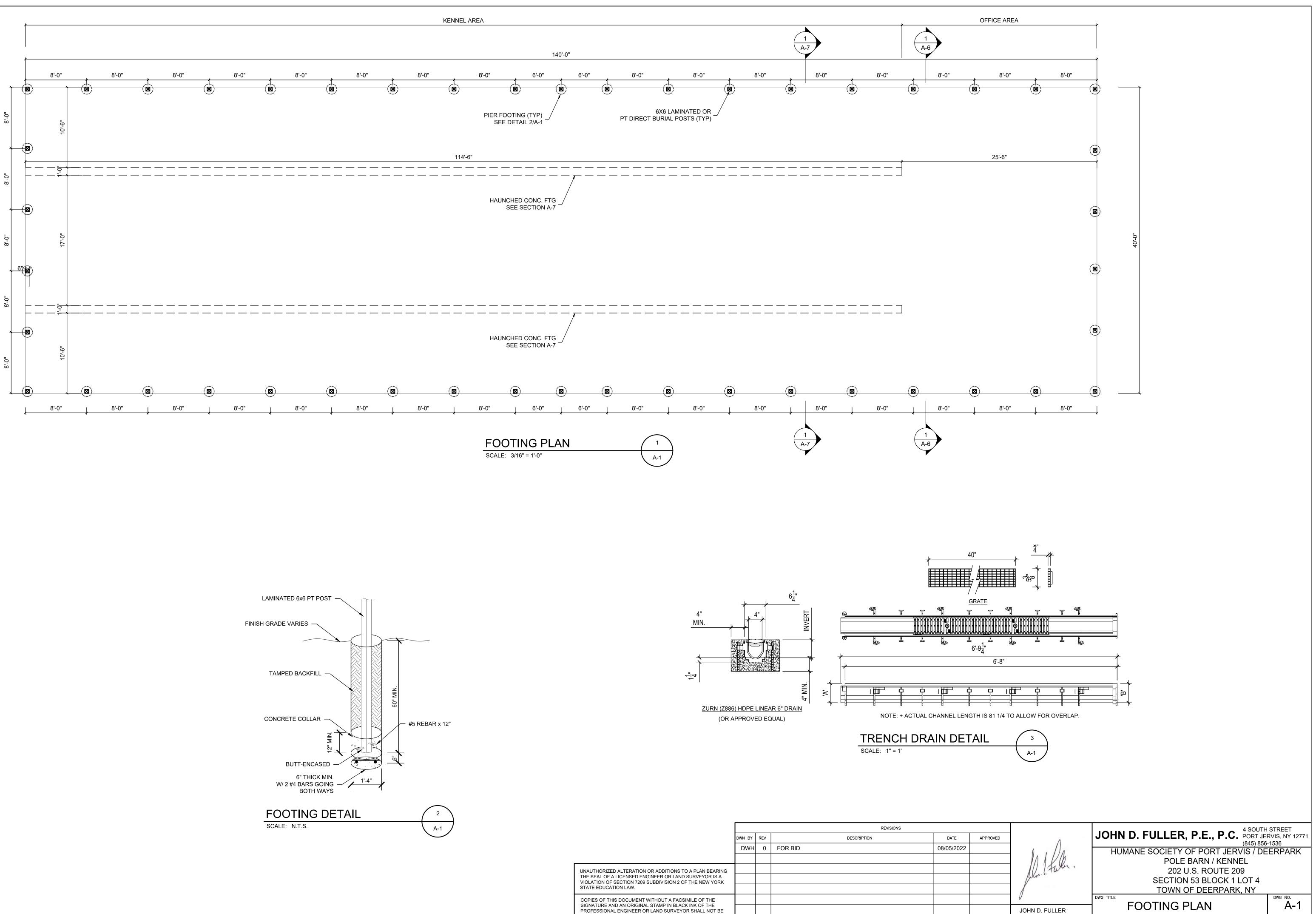
- 2. ALL GYPSUM BOARD SHALL BE SCREW APPLIED IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS. CONTRACTOR HAS OPTION OF GLUEING.
- 3. FINISHED CEILING AND WALLS SHALL RECEIVE MIN TWO COATS OF PAINT WITH FIRST COAT PRIMER, UNLESS OTHERWISE NOTED.
- 4. ALL PAINT USED SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS SPECIFICATIONS FOR THAT PRODUCT.

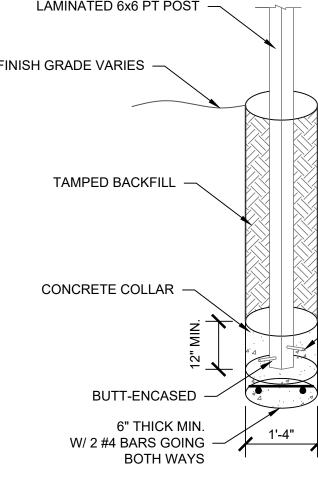
CONCRETE REQUIREMENTS

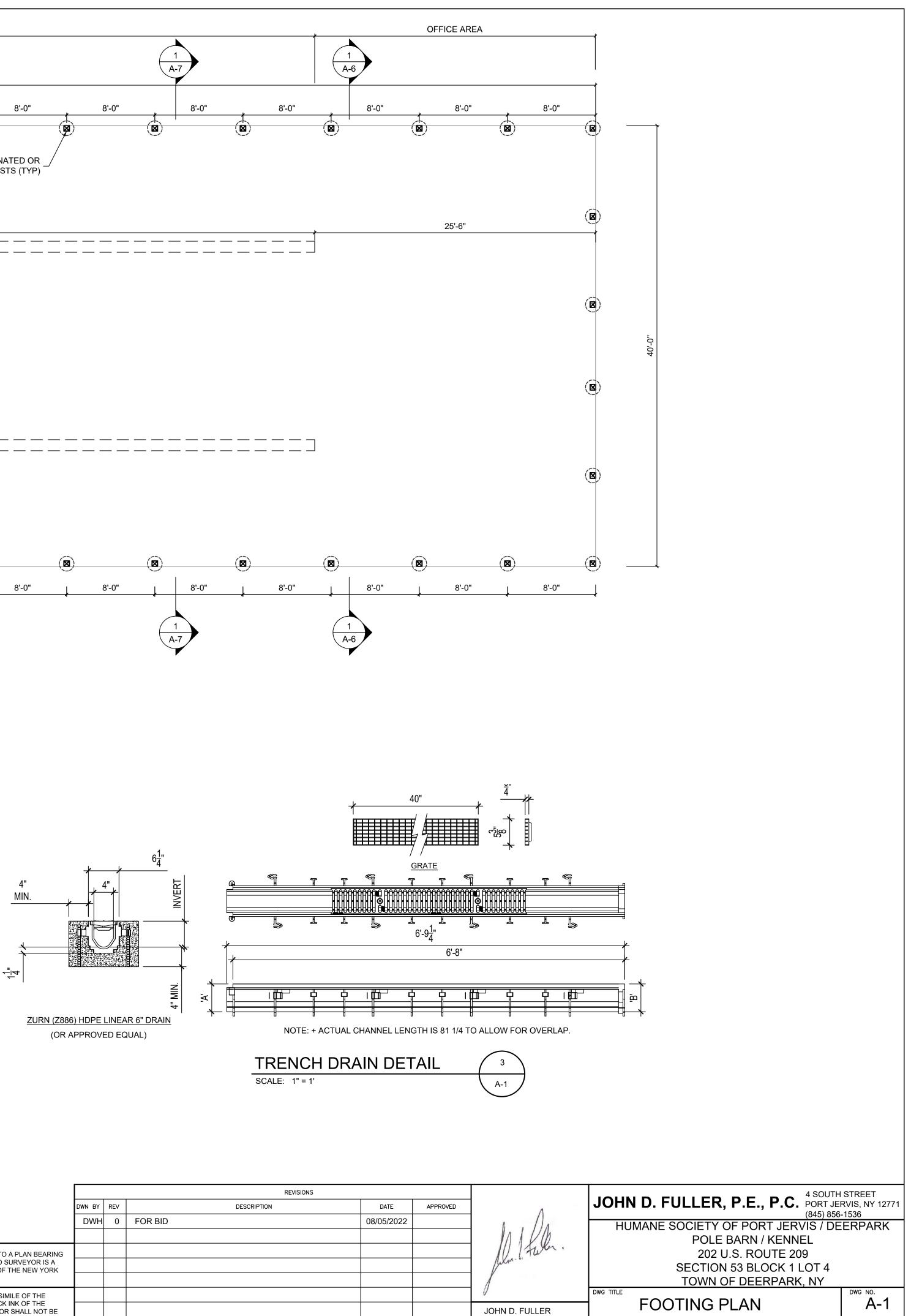
UNIT WT COMPRESSIVE STRENGTH CEMENT COURSE AGGREGATE SLUMP WATER CEMENT RATIO CURING FINISH

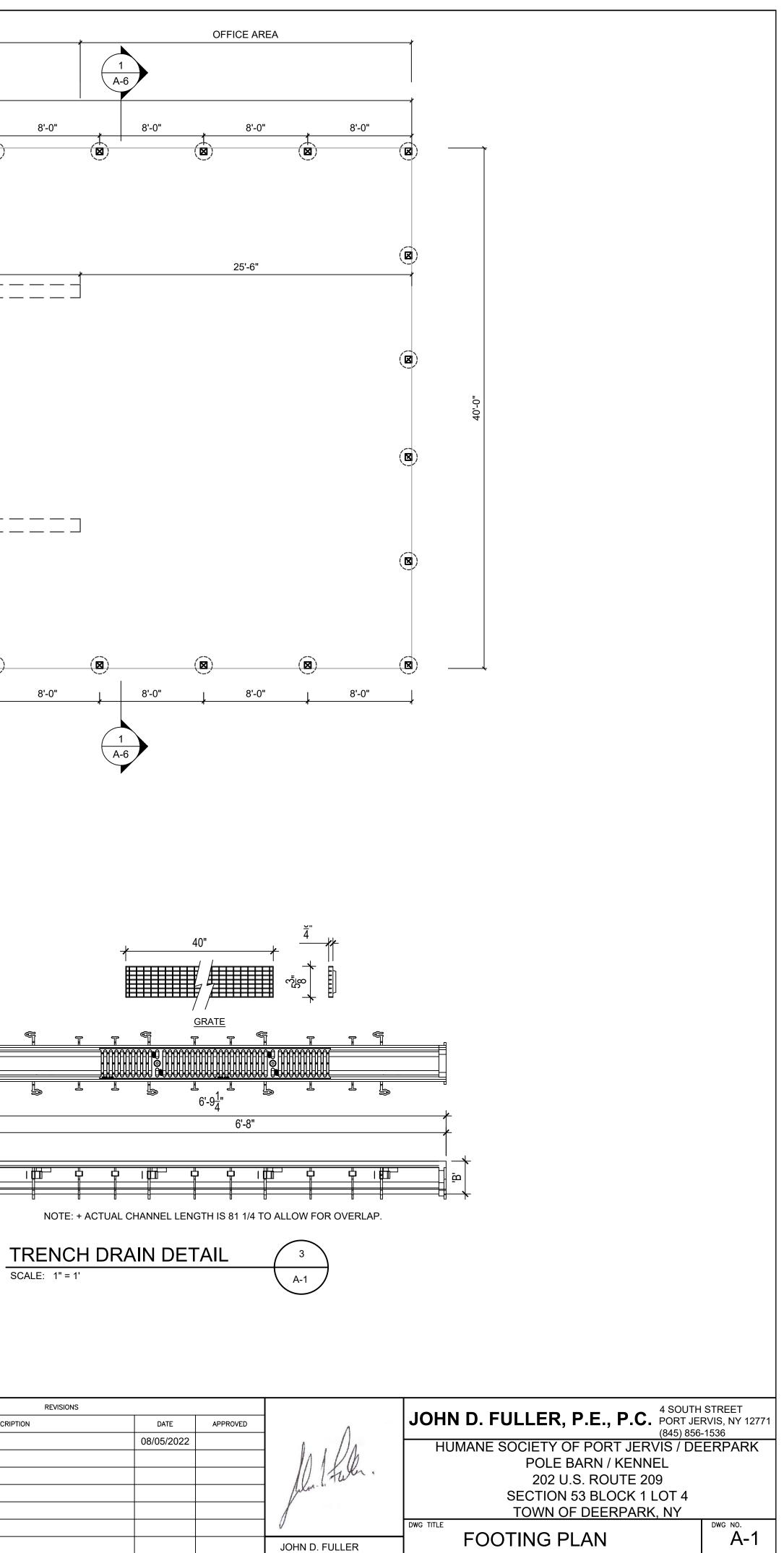
150 PCF (NORMAL WEIGHT) 3500 PSI @ 28 DAYS TYPE II, ASTM C-150 3/8" MAX, ASTM C-33 5 ± 1, ASTM C-143 LESS THAN OR EQUAL TO 0.50 LIQUID MEMBRANE (ASTM C-309, TYPE II, CLASS A) STEEL TROWEL

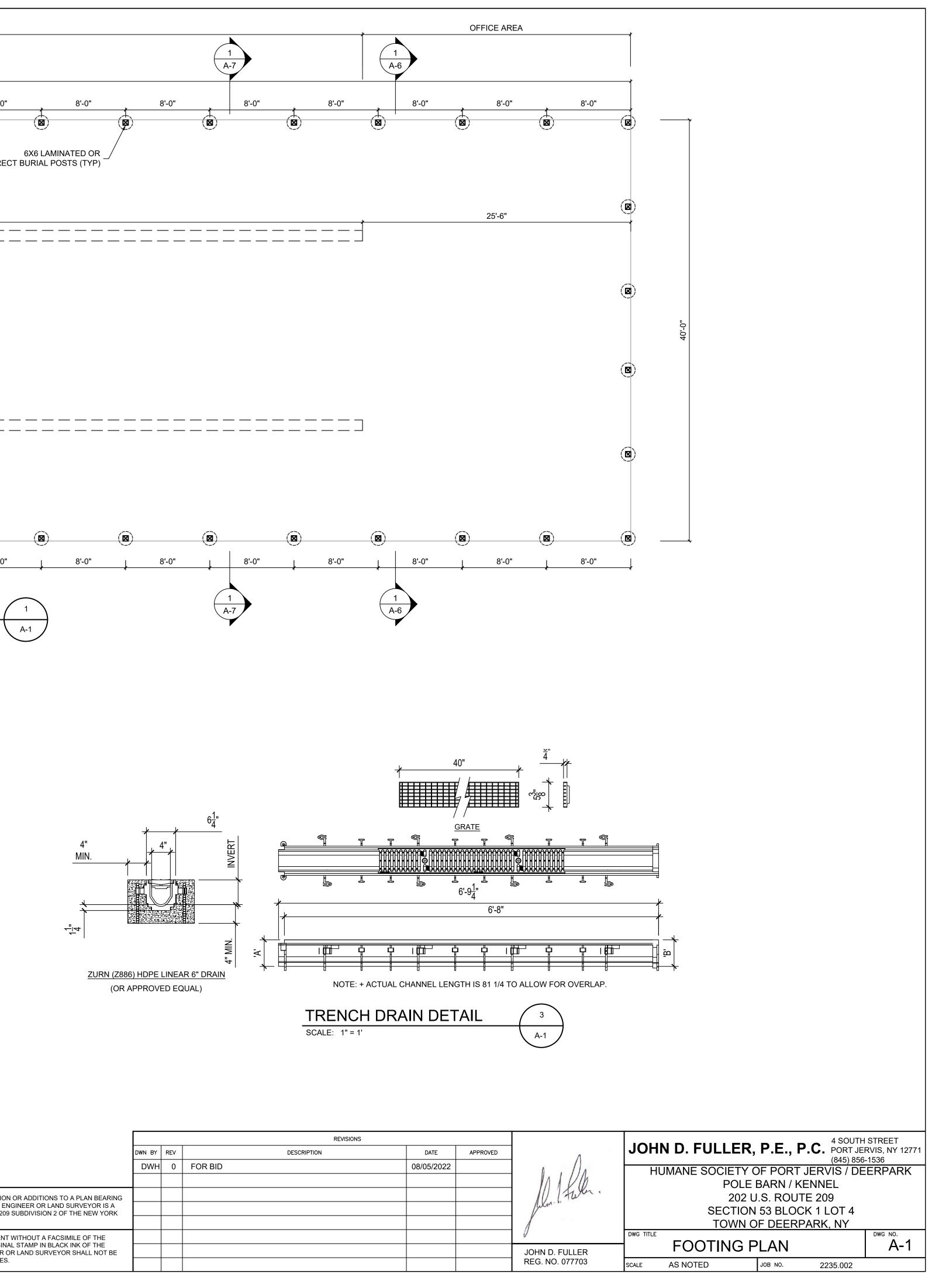


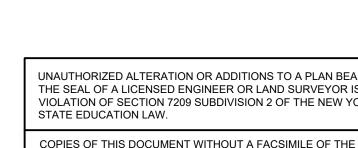




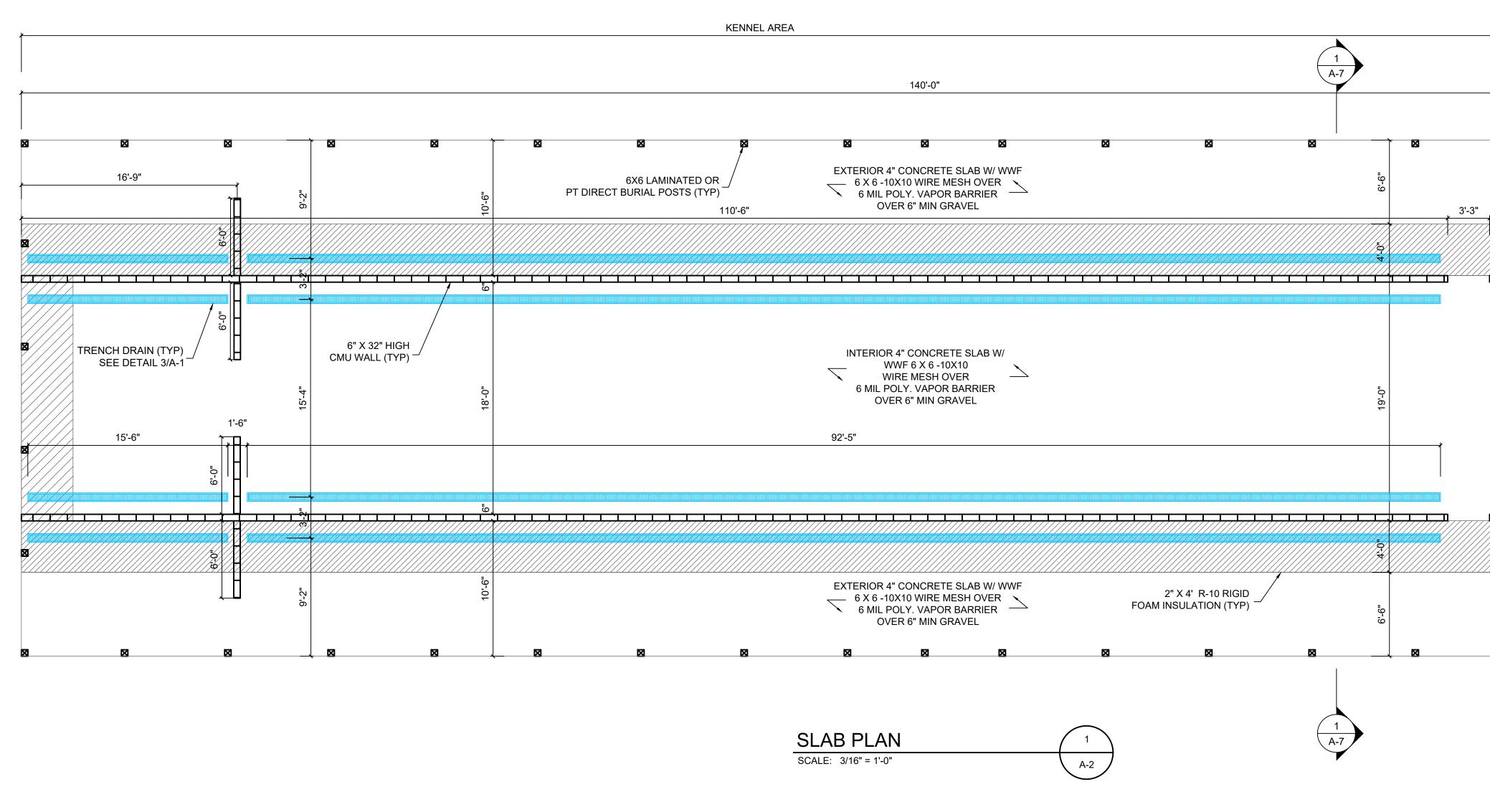




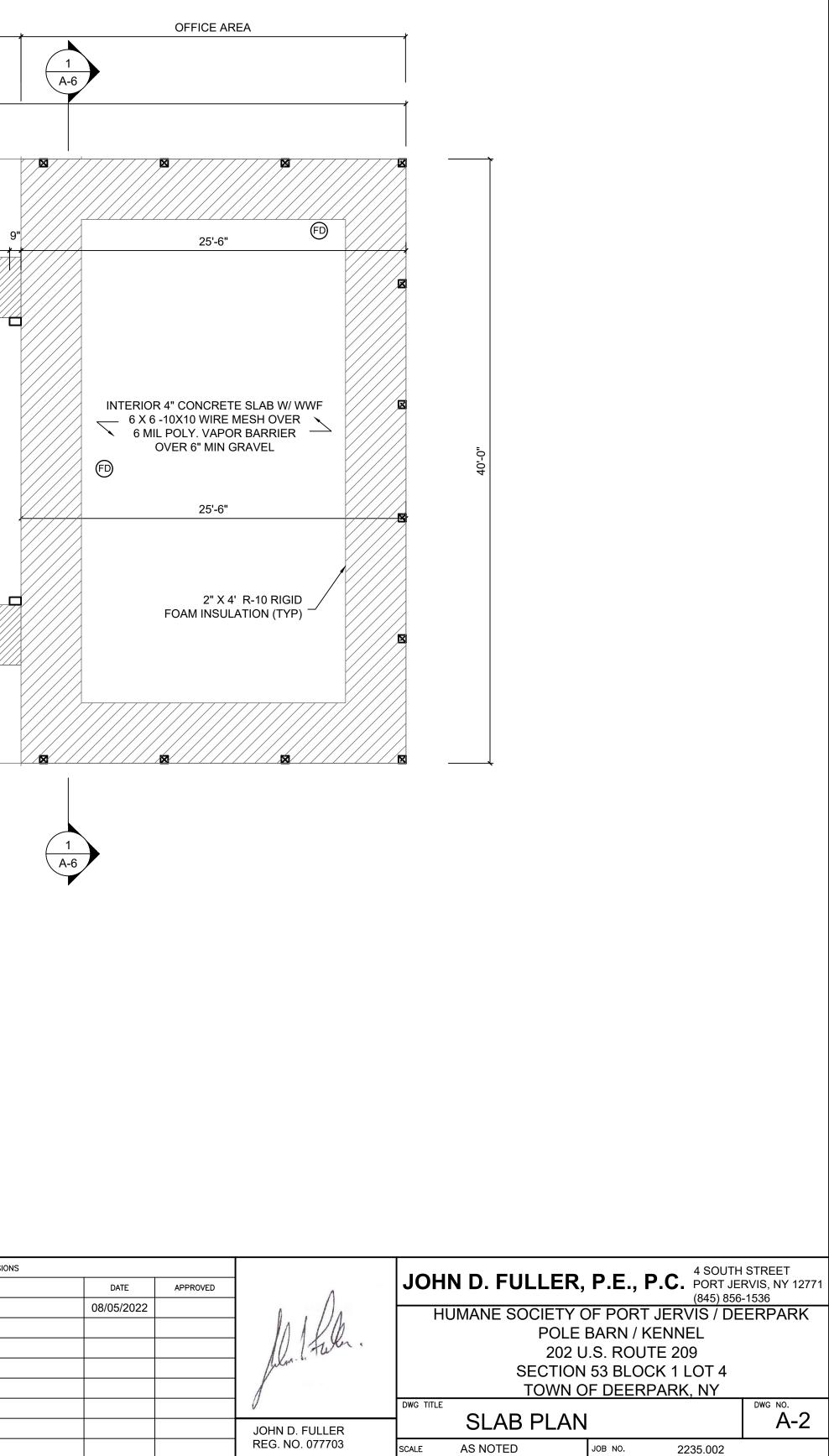


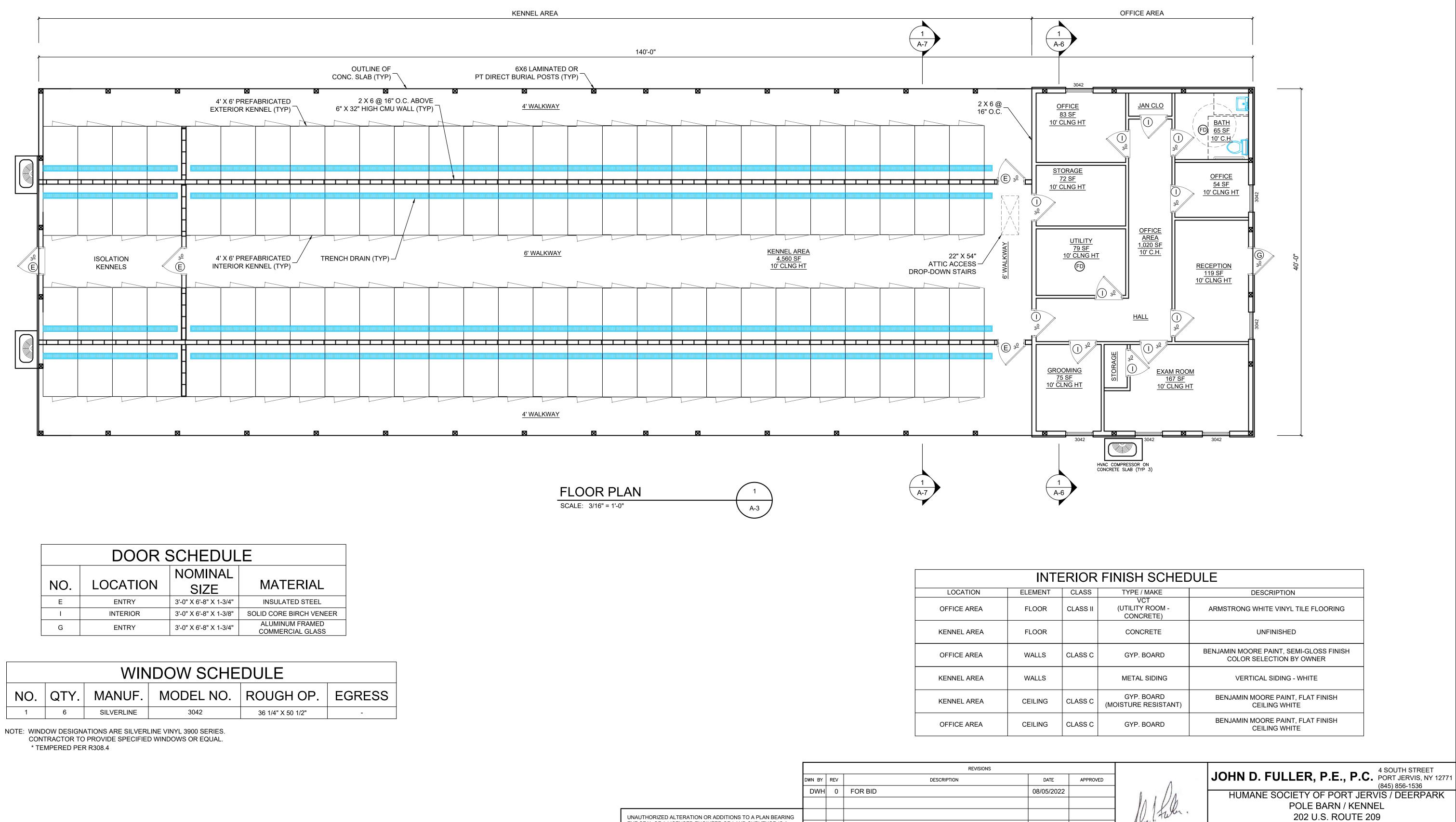


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DOOR SCHEDULE							
NO.	LOCATION	NOMINAL SIZE	MATERIAL				
E	ENTRY	3'-0" X 6'-8" X 1-3/4"	INSULATED STEEL				
I	INTERIOR	3'-0" X 6'-8" X 1-3/8"	SOLID CORE BIRCH VENEER				
G	ENTRY	3'-0" X 6'-8" X 1-3/4"	ALUMINUM FRAMED COMMERCIAL GLASS				

WINDOW SCHEDULE							
NO. QTY. MANUF. MODEL NO. ROUGH OP. EGRESS							
1	6	SILVERLINE	3042	36 1/4" X 50 1/2"	-		

				REVISIONS
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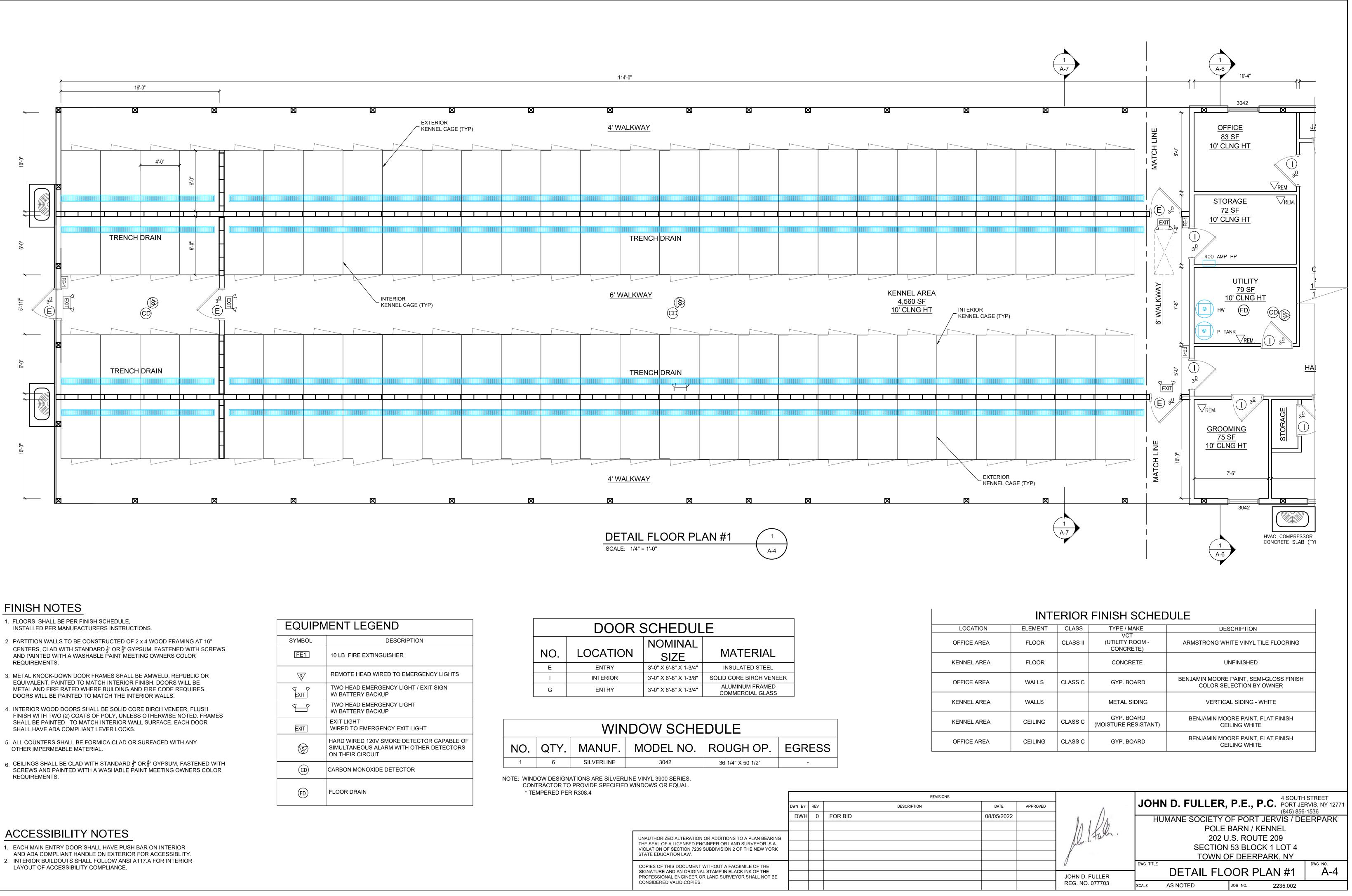
SCALE

AS NOTED

2235.002

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SECTION 53 BLOCK 1 LOT 4 TOWN OF DEERPARK, NY DWG TITLE FLOOR PLAN JOHN D. FULLER REG. NO. 077703



FINISH NOTES

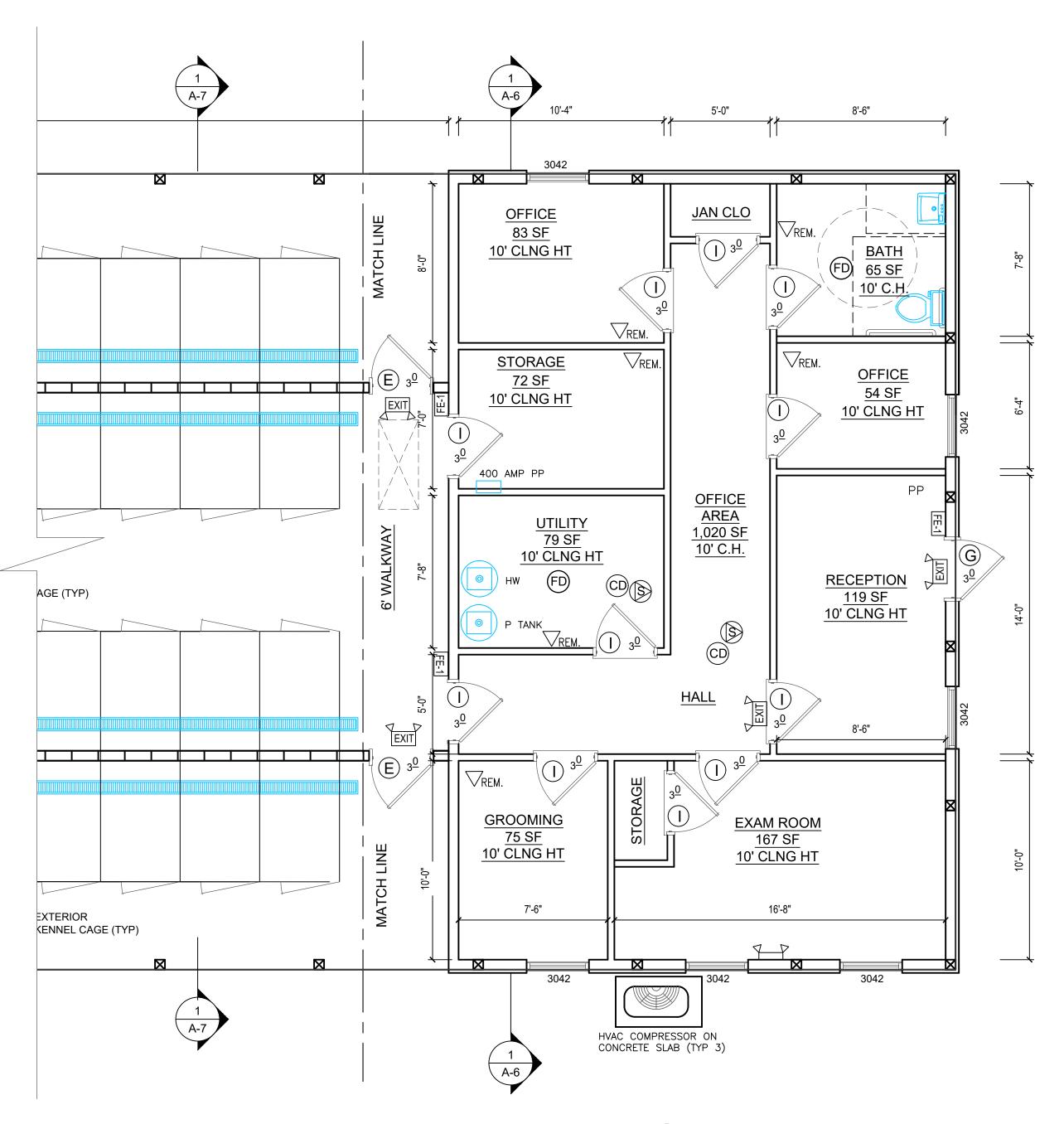
- 2. PARTITION WALLS TO BE CONSTRUCTED OF 2 x 4 WOOD FRAMING AT 16" CENTERS, CLAD WITH STANDARD 1/2" OR 8/8" GYPSUM, FASTENED WITH SCREWS AND PAINTED WITH A WASHABLE PAINT MEETING OWNERS COLOR REQUIREMENTS.
- 3. METAL KNOCK-DOWN DOOR FRAMES SHALL BE AMWELD, REPUBLIC OR EQUIVALENT, PAINTED TO MATCH INTERIOR FINISH. DOORS WILL BE METAL AND FIRE RATED WHERE BUILDING AND FIRE CODE REQUIRES. DOORS WILL BE PAINTED TO MATCH THE INTERIOR WALLS.
- 4. INTERIOR WOOD DOORS SHALL BE SOLID CORE BIRCH VENEER, FLUSH FINISH WITH TWO (2) COATS OF POLY, UNLESS OTHERWISE NOTED. FRAMES SHALL BE PAINTED TO MATCH INTERIOR WALL SURFACE. EACH DOOR
- 5. ALL COUNTERS SHALL BE FORMICA CLAD OR SURFACED WITH ANY
- REQUIREMENTS.

ACCESSIBILITY NOTES

- 1. EACH MAIN ENTRY DOOR SHALL HAVE PUSH BAR ON INTERIOR

SYMBOL	DESCRIPTION
FE1	10 LB FIRE EXTINGUISHER
$\overline{\mathbb{R}}$	REMOTE HEAD WIRED TO EMERGENCY LIG
EXIT	TWO HEAD EMERGENCY LIGHT / EXIT SIGN W/ BATTERY BACKUP
	TWO HEAD EMERGENCY LIGHT W/ BATTERY BACKUP
EXIT	EXIT LIGHT WIRED TO EMERGENCY EXIT LIGHT
(D)	HARD WIRED 120V SMOKE DETECTOR CAPA SIMULTANEOUS ALARM WITH OTHER DETEC ON THEIR CIRCUIT
CD	CARBON MONOXIDE DETECTOR
FD	FLOOR DRAIN

IONS							4 SOUTH	STREET	
	DATE	APPROVED	٨	JOH	N D. FULLER,	P.E., ł	J.C. PORT JEI	RVIS, NY 12771	
	08/05/2022						(845) 856-		
	00/03/2022		Λ , // Λ	I HL	IMANE SOCIETY C)F PORT	JERVIS / DE	ERPARK	
			IN I VO		POLE I	BARN / K	ENNEL		
			1 futer.		202 U	.S. ROU	TE 209		
			function	Jun		SECTION	53 BLOC	CK 1 LOT 4	
					TOWN O	F DEERF	PARK, NY		
			V	DWG TITLE				DWG NO.	
			JOHN D. FULLER		DETAIL FLC	DOK P	LAN #1	A-4	
			REG. NO. 077703	SCALE	AS NOTED	JOB NO.	2235.002		



DOOR SCHEDULE							
NO.	LOCATION	MATERIAL					
E	ENTRY	3'-0" X 6'-8" X 1-3/4"	INSULATED STEEL				
I	INTERIOR	3'-0" X 6'-8" X 1-3/8"	SOLID CORE BIRCH VENEER				
G	ENTRY	3'-0" X 6'-8" X 1-3/4"	ALUMINUM FRAMED COMMERCIAL GLASS				

WINDOW SCHEDULE							
NO. QTY. MANUF. MODEL NO. ROUGH OP. EGRES							
1	6	SILVERLINE	3042	36 1/4" X 50 1/2"	-		

NOTE: WINDOW DESIGNATIONS ARE SILVERLINE VINYL 3900 SERIES. CONTRACTOR TO PROVIDE SPECIFIED WINDOWS OR EQUAL. * TEMPERED PER R308.4

DETAIL FLOOR PLAN #2

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



LOCA
OFFICE
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KENNEL
KENNEL
OFFICE

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		REVISIONS							
	DWN BY	REV	DESCRIPTION	DATE	APPROVED	Λ	JOHN D. FULLER, P.E., P.C. PORT JERVIS, NY 12771 (845) 856-1536		
	DWH	н о	FOR BID	08/05/2022		N . //A	HUMANE SOCIETY OF PORT JERVIS / DEERPARK		
						IN VO	POLE BARN / KENNEL		
UNAUTHORIZED ALTERATION OR ADDITIONS TO A PLAN BEARING						11 Futer.	202 U.S. ROUTE 209		
THE SEAL OF A LICENSED ENGINEER OR LAND SURVEYOR IS A VIOLATION OF SECTION 7209 SUBDIVISION 2 OF THE NEW YORK						Juca	SECTION 53 BLOCK 1 LOT 4		
STATE EDUCATION LAW.							TOWN OF DEERPARK, NY		
COPIES OF THIS DOCUMENT WITHOUT A FACSIMILE OF THE						0			
SIGNATURE AND AN ORIGINAL STAMP IN BLACK INK OF THE PROFESSIONAL ENGINEER OR LAND SURVEYOR SHALL NOT BE CONSIDERED VALID COPIES.						JOHN D. FULLER	DETAIL FLOOR PLAN #2 A-5		
						REG. NO. 077703	SCALE AS NOTED JOB NO. 2235.002		

EQUIPMENT LEGEND						
SYMBOL	DESCRIPTION					
FE1	10 LB FIRE EXTINGUISHER					
R	REMOTE HEAD WIRED TO EMERGENCY LIGHTS					
EXIT	TWO HEAD EMERGENCY LIGHT / EXIT SIGN W/ BATTERY BACKUP					
	TWO HEAD EMERGENCY LIGHT W/ BATTERY BACKUP					
EXIT	EXIT LIGHT WIRED TO EMERGENCY EXIT LIGHT					
®	HARD WIRED 120V SMOKE DETECTOR CAPABLE OF SIMULTANEOUS ALARM WITH OTHER DETECTORS ON THEIR CIRCUIT					
CD	CARBON MONOXIDE DETECTOR					
FD	FLOOR DRAIN					

FINISH NOTES

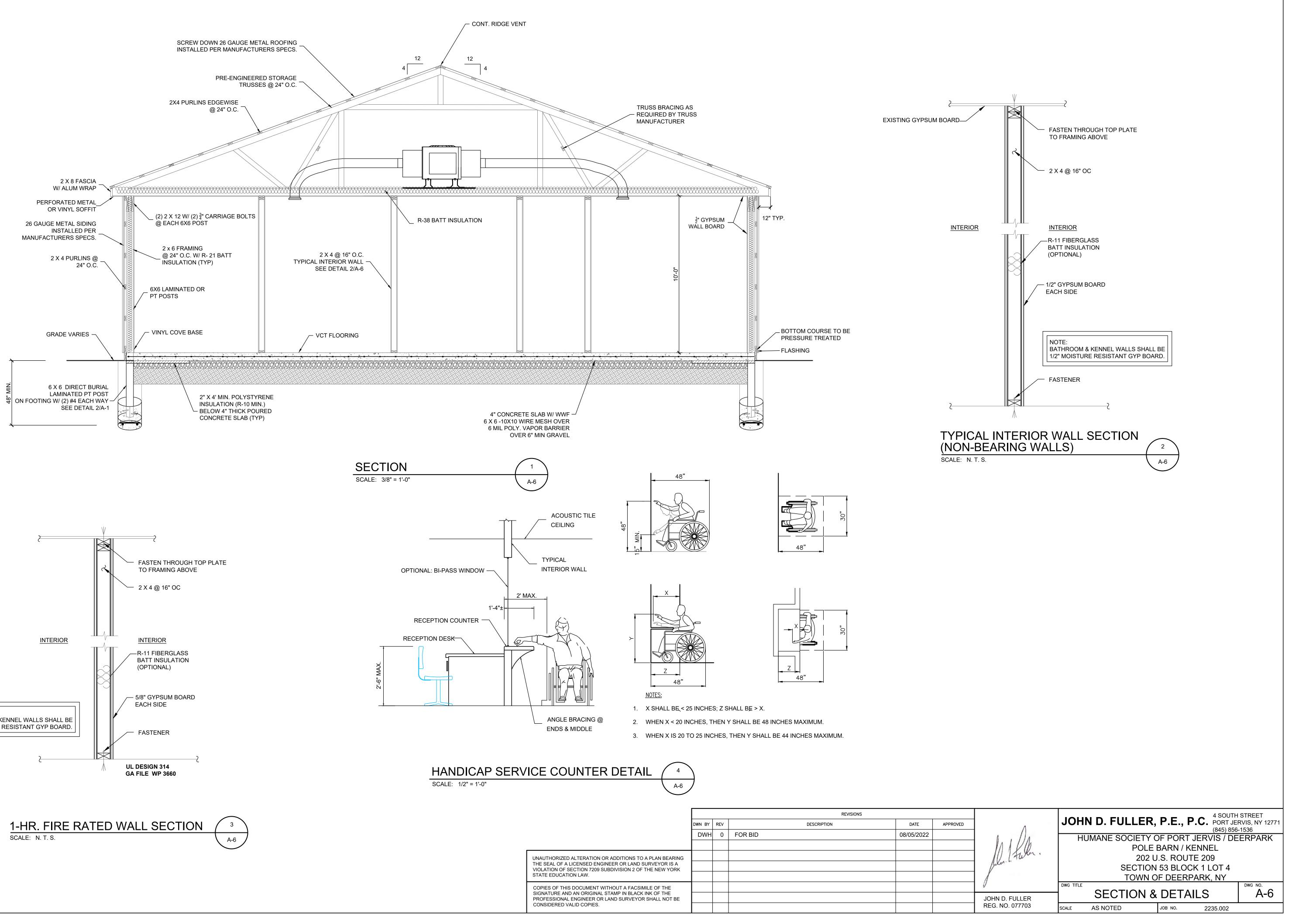
- 1. FLOORS SHALL BE PER FINISH SCHEDULE, INSTALLED PER MANUFACTURERS INSTRUCTIONS.
- 2. PARTITION WALLS TO BE CONSTRUCTED OF 2 x 4 WOOD FRAMING AT 16" CENTERS, CLAD WITH STANDARD $\frac{1}{2}$ " OR $\frac{5}{8}$ " GYPSUM, FASTENED WITH SCREWS AND PAINTED WITH A WASHABLE PAINT MEETING OWNERS COLOR REQUIREMENTS.
- 3. METAL KNOCK-DOWN DOOR FRAMES SHALL BE AMWELD, REPUBLIC OR EQUIVALENT, PAINTED TO MATCH INTERIOR FINISH. DOORS WILL BE METAL AND FIRE RATED WHERE BUILDING AND FIRE CODE REQUIRES. DOORS WILL BE PAINTED TO MATCH THE INTERIOR WALLS.
- 4. INTERIOR WOOD DOORS SHALL BE SOLID CORE BIRCH VENEER, FLUSH FINISH WITH TWO (2) COATS OF POLY, UNLESS OTHERWISE NOTED. FRAMES SHALL BE PAINTED TO MATCH INTERIOR WALL SURFACE. EACH DOOR SHALL HAVE ADA COMPLIANT LEVER LOCKS.
- 5. ALL COUNTERS SHALL BE FORMICA CLAD OR SURFACED WITH ANY OTHER IMPERMEABLE MATERIAL.
- 6. CEILINGS SHALL BE CLAD WITH STANDARD $\frac{1}{2}$ " OR $\frac{5}{8}$ " GYPSUM, FASTENED WITH SCREWS AND PAINTED WITH A WASHABLE PAINT MEETING OWNERS COLOR REQUIREMENTS.

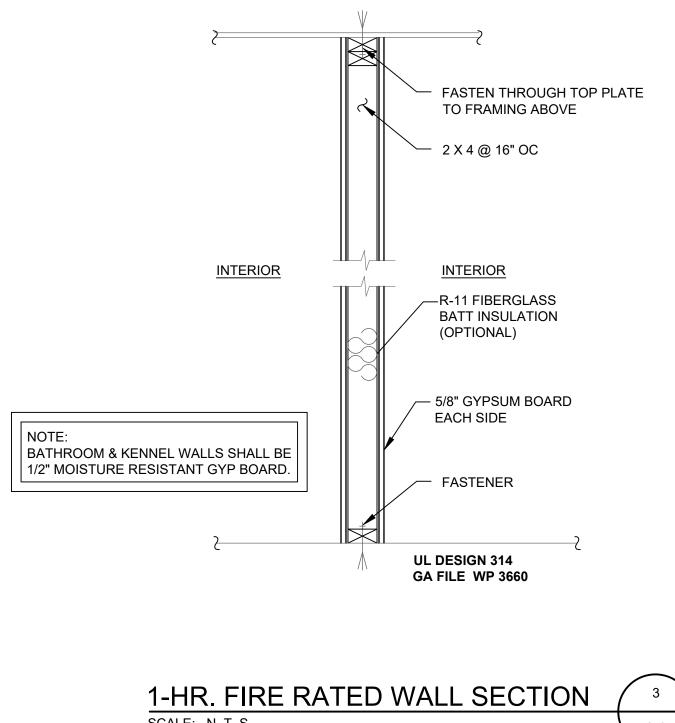
ACCESSIBILITY NOTES

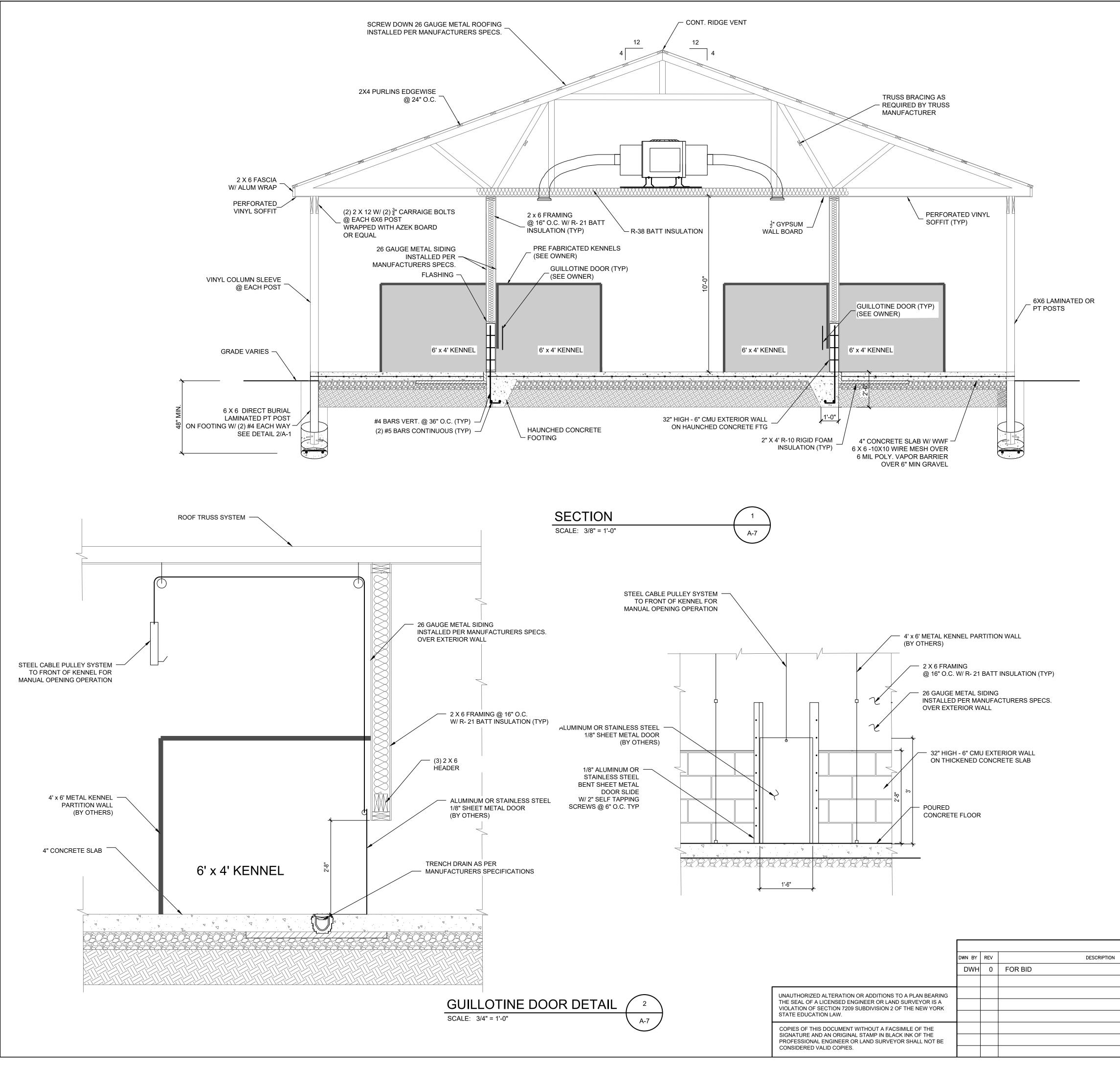
1. EACH MAIN ENTRY DOOR SHALL HAVE PUSH BAR ON INTERIOR

- AND ADA COMPLIANT HANDLE ON EXTERIOR FOR ACCESSIBLITY. 2. INTERIOR BUILDOUTS SHALL FOLLOW ANSI A117.A FOR INTERIOR
- LAYOUT OF ACCESSIBILITY COMPLIANCE.

	INTE	ERIOR	FINISH SCHEE	DULE
ATION	ELEMENT	CLASS	TYPE / MAKE	DESCRIPTION
AREA	FLOOR	CLASS II	VCT (UTILITY ROOM - CONCRETE)	ARMSTRONG WHITE VINYL TILE FLOORING
L AREA	FLOOR		CONCRETE	UNFINISHED
AREA	WALLS	CLASS C	GYP. BOARD	BENJAMIN MOORE PAINT, SEMI-GLOSS FINISH COLOR SELECTION BY OWNER
L AREA	WALLS		METAL SIDING	VERTICAL SIDING - WHITE
L AREA	CEILING	CLASS C	GYP. BOARD (MOISTURE RESISTANT)	BENJAMIN MOORE PAINT, FLAT FINISH CEILING WHITE
AREA	CEILING	CLASS C	GYP. BOARD	BENJAMIN MOORE PAINT, FLAT FINISH CEILING WHITE







RECOMMENDED NAILING SCHEDU	LE
CONNECTION	NAILING (* 1)
1. JOIST TO SILL OR GIRDER, TOENAIL	3-8d
2. BRIDGING TO JOIST, TOENAIL EACH END (METAL)	2-8d (1-8d)
3. 1" X 6" SUBFLOOR OR LESS TO EACH JOIST, FACE NAIL	2-8d
4. WIDER THAN 1" X 6" SUBFLOOR TO EACH JOIST, FACE NAIL	3-8d
5. 2" SUBFLOOR TO JOIST OR GIRDER, BLIND AND FACE NAIL	2-18d
6. SOLE PLATE TO JOIST OR BLOCKING, FACE NAIL	16d @ 16" o.c.
7. TOP PLATE TO STUD, END NAIL	2-16d
8. STUD TO SOLE PLATE	4-8d toenail or 2-16d end nail
9. DOUBLE STUDS, FACE NAIL	16d @ 24" o.c.
10. DOUBLE TOP PLATES, FACE NAIL	16d @ 16" o.c.
11. TOP PLATES, LAPS AND INTERSECTIONS, FACE NAIL	2-16d
12. CONTINUOUS HEADER, TWO PIECES	16d @ 16" o.c. along each edge
13. CEILING JOISTS TO PLATE, TOE NAIL	3-8d
14. CONTINUOUS HEADER TO STUD, TOE NAIL	4-8d
15. CEILING JOISTS, LAPS OVER PARTITIONS, FACE NAIL	3-16d
16. CEILING JOISTS TO PARALLEL RAFTERS, FACE NAIL	3-16d
17. RAFTERS TO PLATE, TOE NAIL	3-8d
18. 1" BRACE TO EACH STUD AND PLATE, FACE NAIL	2-8d
19. 1" X 8" SHEATHING OR LESS TO EACH BEARING, FACE NAIL	2-8d
20. WIDER THAN 1" X 8" SHEATHING TO EACH BEARING, FACE NAIL	3-8d
21. BUILT-UP CORNER STUDS	16d @ 24" o.c.
22. BUILT-UP GIRDER AND BEAMS	20d @ 32" o.c. at top and bottom staggered 2-20d at ends and at each splice
23. 2" PLANKS	2-16d at each bearing
24. PLYWOOD AND PARTICLE BOARD (*5) SUBFLOOR, ROOF AND WALL SHEATHING (TO FRAMING) 1/2" AND LESS 19/32" TO 3/4" 7/8" TO 1" 1 1/8" TO 1 1/4" COMBINATION SUB-FLOOR - UNDERLAYMENT (TO FRAMING) 3/4" AND LESS 7/8" TO 1" 1 1/8" TO 1 1/4"	6d (* 2) 8d (* 3) or 6d (* 4) 8d (* 2) 10d (* 3) or 8d (* 4) 6d (* 4) 8d (* 4) 10d (* 3) or 8d (* 4)
25. PANEL SIDING (TO FRAMING) 1/2" AND LESS 5/8"	6d (* 6) 8d (* 6)
26. FIBERBOARD SHEATHING (* 7) 1/2"	No. 11 ga. (* 8) 6d (* 3) No. 16 ga. (* 9)
25/32"	No. 11 ga. (* 8) 8d (* 3) No. 16 ga. (* 9)

1. COMMON OR BOX NAILS MAY BE USED EXCEPT WHERE OTHERWISE STATED.

2. COMMON OR DEFORMED SHANK.

3. COMMON. 4. DEFORMED SHANK.

5. NAILS SPACED AT 6 INCHES ON CENTER AT EDGES, 12 INCHES AT INTERMEDIATE SUPPORTS (10 INCHES AT INTERMEDIATE SUPPORTS FOR FLOORS). 6 INCHES AT ALL SUPPORTS WHERE SPANS ARE 48 INCHES OR MORE. NAILS FOR WALL SHEATHING MAY BE COMMON, BOX OR CASING.

- 6. CORROSION RELATED SIDING OR CASING SHALL BE EITHER ZINC-COATED,
- ALUMINUM OR STAINLESS STEEL. 7. FASTENERS SPACED 3 INCHES ON CENTER AT EXTERIOR EDGES AND 6 INCHES ON CENTER AT INTERMEDIATE SUPPORTS.

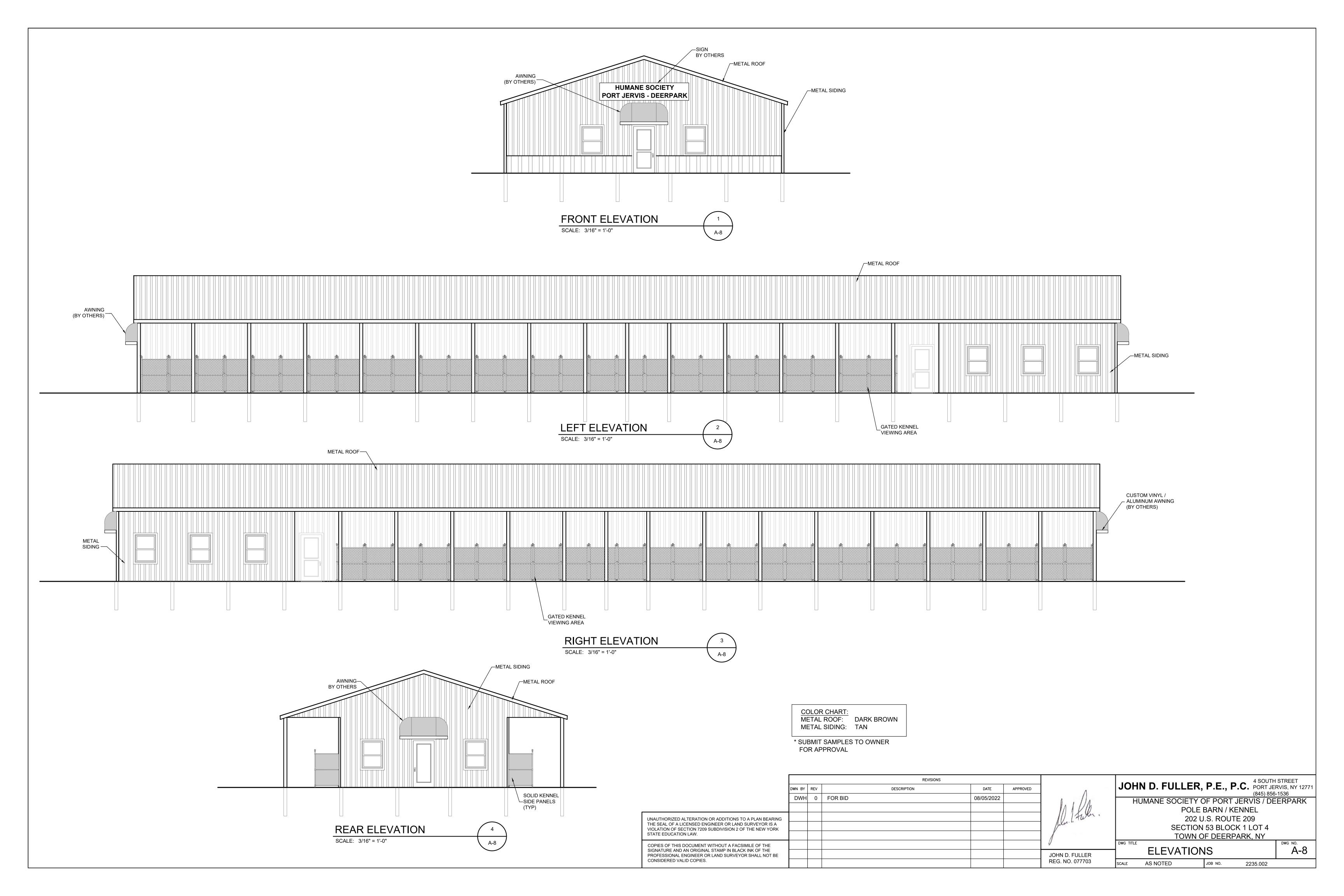
8. CORROSION RESISTANT ROOFING NAILS WITH 7/16 INCH DIAMETER HEAD AND 1 1/2" LENGTH FOR 1/2 INCH SHEATHING AND 1 3/4" LENGTH FOR 25/32 INCH SHEATHING SHALL BE EITHER ZINC-COATED, ALUMINUM OR STAINLESS STEEL.

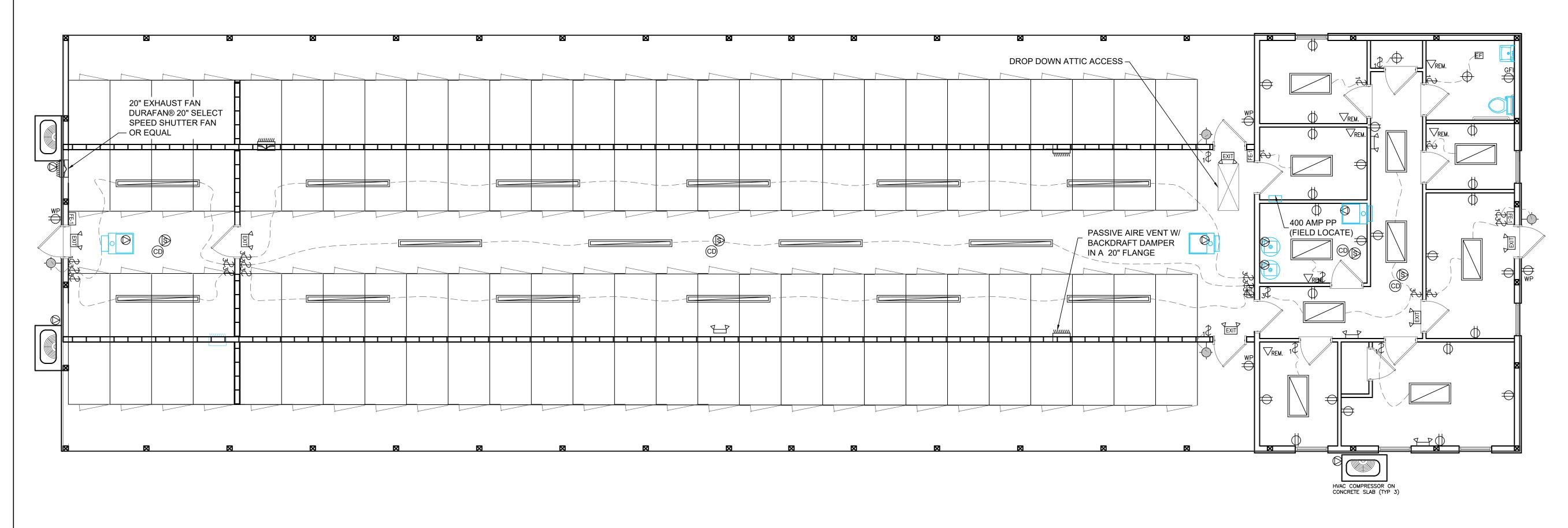
9. CORROSION RESISTANT STAPLES WITH NOMINAL 7/16 INCH CROWN AND 1 1/8" LENGTH FOR 1/2 INCH SHEATHING AND 1 1/2" LENGTH FOR 25/32 INCH SHEATHING SHALL BE EITHER ZINC-COATED, ALUMINUM OR STAINLESS STEEL.

HEADER SCHEDULE (UNLESS OTHERWISE NOTED ON PLANS)

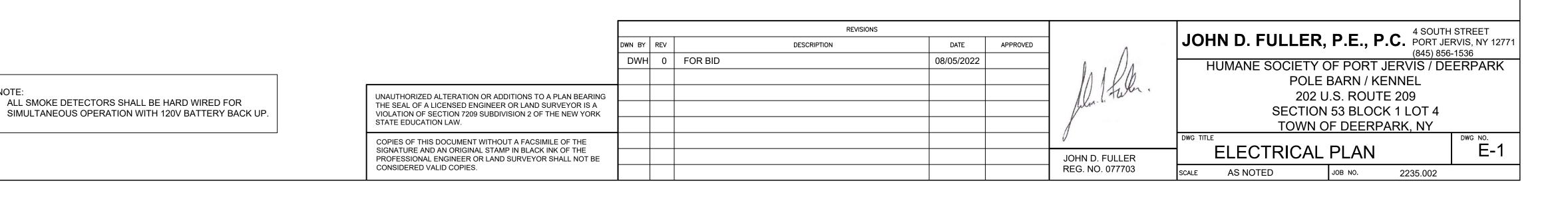
(UI	JACK STUDS	
(2) - 2 X 10	EXTERIOR WALL HEADERS UP TO 6'	1
(3) - 2 X 10	EXTERIOR WALL HEADERS GREATER THAN 6' TO 8'	2
(2) - 2 X 10	INTERIOR BEARING WALL	1
(2) - 1 ³ / ₄ X 9 ¹ / ₄ L.V.L. 2.0	ALL OPENINGS OVER 8'	2

REVISIONS							4 SOUTH	STREET		
	DATE	APPROVED	Λ	JOHI	N D. FULLER	, P.E., P.				
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			/		<u> OF DEERPA</u>	RPARK, NY				
			V	DWG TITLE			C	DWG NO.		
			JOHN D. FULLER		SECTION &		_3	A-7		
			REG. NO. 077703	SCALE	AS NOTED	JOB NO.	2235.002			





ELECTRICAL PLAN SCALE: 3/16" = 1'-0" E-1

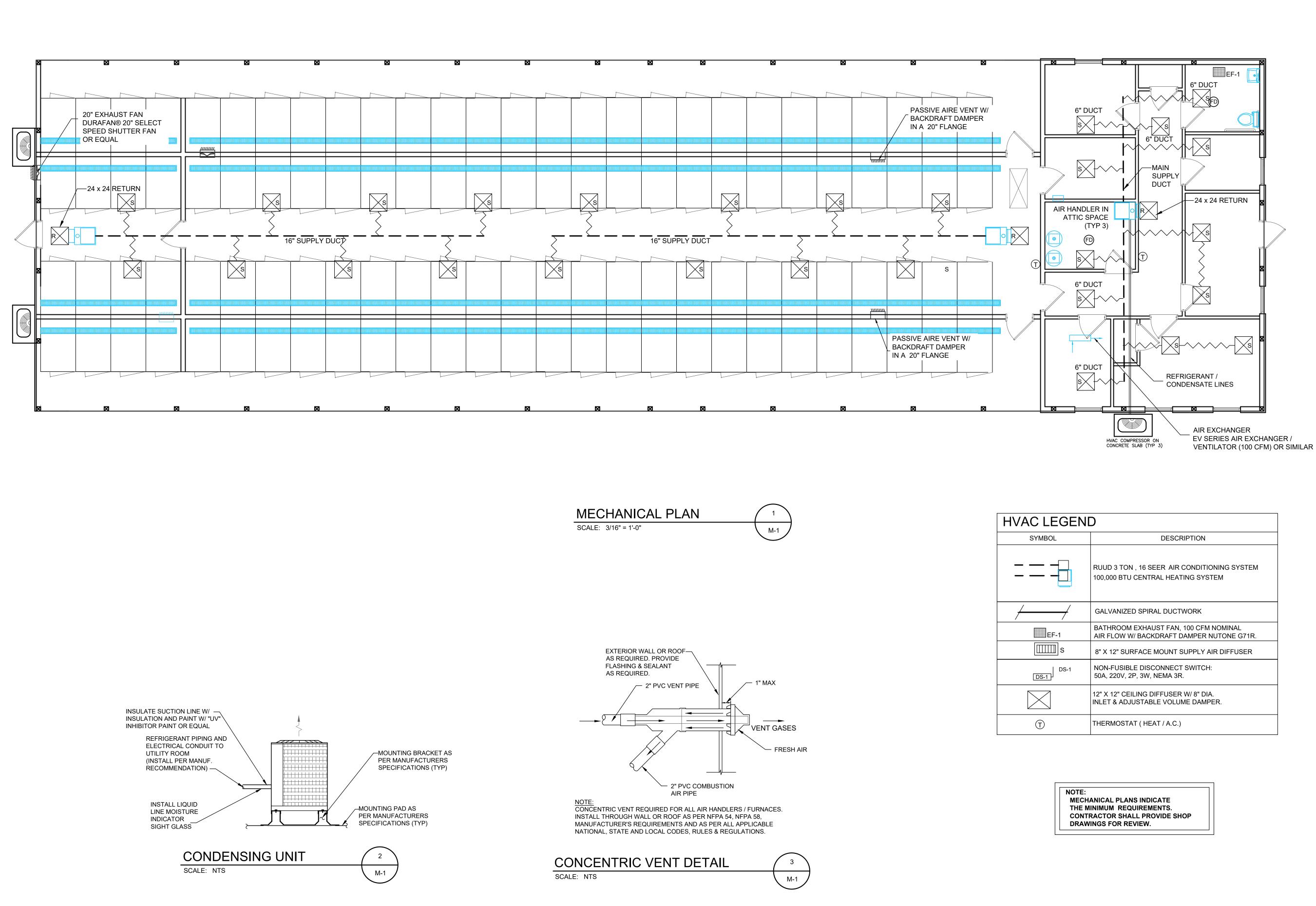


ELECTRICAL NOTES

- 1. CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS, INSURANCE, EQUIPMENT, INSTALLATION, CONSTRUCTION TOOLS, TRANSPORTATION, ETC., FOR A COMPLETE AND PROPERLY OPERATIVE SYSTEM ENERGIZED THROUGHOUT AND AS INDICATED ON DRAWINGS, AS SPECIFIED HEREIN AND/OR AS OTHERWISE REQUIRED.
- 2. ALL MATERIALS AND EQUIPMENT SHALL BE NEW AND IN PERFECT CONDITION WHEN INSTALLED AND OF THE SAME MANUFACTURER THROUGHOUT FOR EACH CLASS OR GROUP OF EQUIPMENT. MATERIALS SHALL BE LISTED AND APPROVED BY UNDERWRITER'S LABORATORIES (U.L.) AND SHALL BEAR THE INSPECTION LABEL "J" WHERE SUBJECT TO SUCH APPROVAL. MATERIALS SHALL MEET WITH APPROVAL OF ALL GOVERNING BODIES HAVING JURISDICTION AND SHALL BE MANUFACTURED IN ACCORDANCE WITH APPLICABLE STANDARDS ESTABLISHED BY ANSI, NEMA AND NBFU.
- 3. ALL CIRCUIT BREAKERS, FUSES AND ELECTRICAL EQUIPMENT SHALL HAVE AN INTERRUPTING RATING NOT LESS THAN THE MAXIMUM SHORT CIRCUIT CURRENT TO WHICH THEY MAY BE SUBJECTED, AND A MINIMUM OF 10,000 A.I.C.
- 4. METER SOCKETS AMPERES, VOLTAGE AND NUMBER OF PHASES SHALL BE NOTED AND SHALL BE MANUFACTURED BY SQUARE "D" COMPANY, SANGAMO OR APPROVED EQUAL. METER SOCKET SHALL BE APPROVED BY UTILITY COMPANY PRIOR TO INSTALLATION.
- 5. WIRE AND CABLE CONDUCTORS SHALL BE COPPER WITH TYPE THHN INSULATION (ROMEX) UNLESS SPECIFICALLY NOTED OTHERWISE.
- 6. SERVICE CONDUCTORS MAY BE COPPER OR ALUMINUM.
- 7. EACH CONDUCTOR OF EVERY SYSTEM SHALL BE PERMANENTLY TAGGED IN EACH PANEL BOARD.
- 8. THE ENTIRE ELECTRICAL INSTALLATION SHALL BE GROUNDED AS REQUIRED BY ALL APPLICABLE CODES.
- 9. ALL DUPLEX RECEPTACLES SHALL BE ON ARC FAULT CIRCUITS.

ELECTRICAL EQUIPMENT LEGEND					
SYMBOL	DESCRIPTION				
\$1,3	SINGLE / THREE WAY POLE TOGGLE SWITCH, 20 AMPERE, 120V				
\oplus	CEILING MOUNTED LIGHT FIXTURE				
EF	EXHAUST FAN, 110 CFM, 120V, VENTED TO EXTERIOR				
	WALL MOUNTED EXTERIOR LIGHT FIXTURE				
Φ	20 AMPERE DUPLEX RECEPTACLE, 120V				
Ф _{GFI}	20 AMPERE DUPLEX RECEPTACLE, GROUND FAULT INTERRUPTOR TYPE, 120V				
Фwр	WEATHERPROOF RECEPTACLE				
	SPECIAL PURPOSE HARD WIRED ELECTRICAL CONNECTION				
PP	400A MAIN, SINGLE PHASE, 120-240 VOLT, 40 POLES, NEMA 1 ELECTRIC PANELS				
EXIT	TWO HEAD EMERGENCY LIGHT / EXIT SIGN W/ 90 MINUTE MIN. BATTERY BACKUP				
Rem.	REMOTE HEAD WIRED TO EMERGENCY EXIT LIGHT				
	TWO HEAD EMERGENCY LIGHT W/ 90 MINUTE MIN. BATTERY BACKUP				
CD	CARBON MONOXIDE DETECTOR				
S	SMOKE DETECTOR - HARD WIRED FOR SIMULTANEOUS OPERATION W/ BATTERY BACKUP				
	2' X 4' LED FIXTURE				
	8' LED SURFACE MOUNTED LIGHT FIXTURE				

NOTE: ELECTRICAL PLANS INDICATE THE MINIMUM REQUIREMENTS. AS-BUILT CONDITIONS MAY VARY.



DL	DESCRIPTION			
-	RUUD 3 TON , 16 SEER AIR CONDITIONING SYSTEM 100,000 BTU CENTRAL HEATING SYSTEM			
	GALVANIZED SPIRAL DUCTWORK			
:F-1	BATHROOM EXHAUST FAN, 100 CFM NOMINAL AIR FLOW W/ BACKDRAFT DAMPER NUTONE G71R.			
∐] s	8" X 12" SURFACE MOUNT SUPPLY AIR DIFFUSER			
DS-1 }	NON-FUSIBLE DISCONNECT SWITCH: 50A, 220V, 2P, 3W, NEMA 3R.			
	12" X 12" CEILING DIFFUSER W/ 8" DIA. INLET & ADJUSTABLE VOLUME DAMPER.			
	THERMOSTAT (HEAT / A.C.)			
THE N CONT	IANICAL PLANS INDICATE MINIMUM REQUIREMENTS. RACTOR SHALL PROVIDE SHOP VINGS FOR REVIEW.			

		REVISIONS					4 SOUTH STREET		
	DWN BY	REV	DESCRIPTION	DATE	APPROVED	Λ	JOHN D. FULLER, P.E., P.C. PORT JERVIS, NY 12771		
	DWF	1 0	FOR BID	08/05/2022		Λ $//\Lambda$	(845) 856-1536 HUMANE SOCIETY OF PORT JERVIS / DEERPARK		
						Λ	POLE BARN / KENNEL		
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						JOHN D. FULLER	MECHANICAL PLAN M-1		
CONSIDERED VALID COPIES.						REG. NO. 077703	SCALE AS NOTED JOB NO. 2235.002		

HVAC AND MECHANICAL DUCT NOTES

- 1. HEATING/COOLING UNIT RUUD 3 TON , 16 SEER AIR CONDITIONING SYSTEM 100,000 BTU CENTRAL HEATING SYSTEM
- 2. FURNACE SHALL BE FUELED WITH PROPANE FIRED. PIPING SHALL BE LISTED, SIZED, SUPPORTED AND INSTALLED IN COMPLIANCE WITH THE APPLICABLE SECTIONS OF THE 2020 NEW YORK STATE CODE.
- 3. INTAKE / EXHAUST FOR DIRECT VENT FURNACE AND HOT WATER HEATER. VENT OUT THROUGH BOX BEAM AND MAINTAIN 3' CLEARANCE TO ALL WINDOWS AND 24" ABOVE GROUND.
- 4. IGNITION SOURCE FOR FURNACE AND HOT WATER HEATER TO BE 18" MIN. ABOVE FLOOR.
- 5. PROVIDE HI/LOW GRILL OF 12" X 12" METAL.
- 6. DUCT WORK TO BE 22 GA. GALVANIZED (MIN.).
- 7. ALL DUCT JOINTS TO BE SEALED WITH DUCT TAPE.
- 8. DUCTWORK TO BE WRAPPED WITH 2" FIBERGLASS INSULATION IN UNHEATED AREAS.
- 9. FLOOR REGISTERS, SUPPLY REGISTERS, CEILING DIFFUSERS TO HAVE VOLUME CONTROL. RETURN AIR GRILL TO HAVE 1" FILTER IN FRAME. ALL OUTLETS TO BE STEEL WITH PAINTED FRAME.
- 10. SUPPLY DISCHARGE ON FURNACE TO HAVE FLEX DUCT CONNECTION INSTALLED.

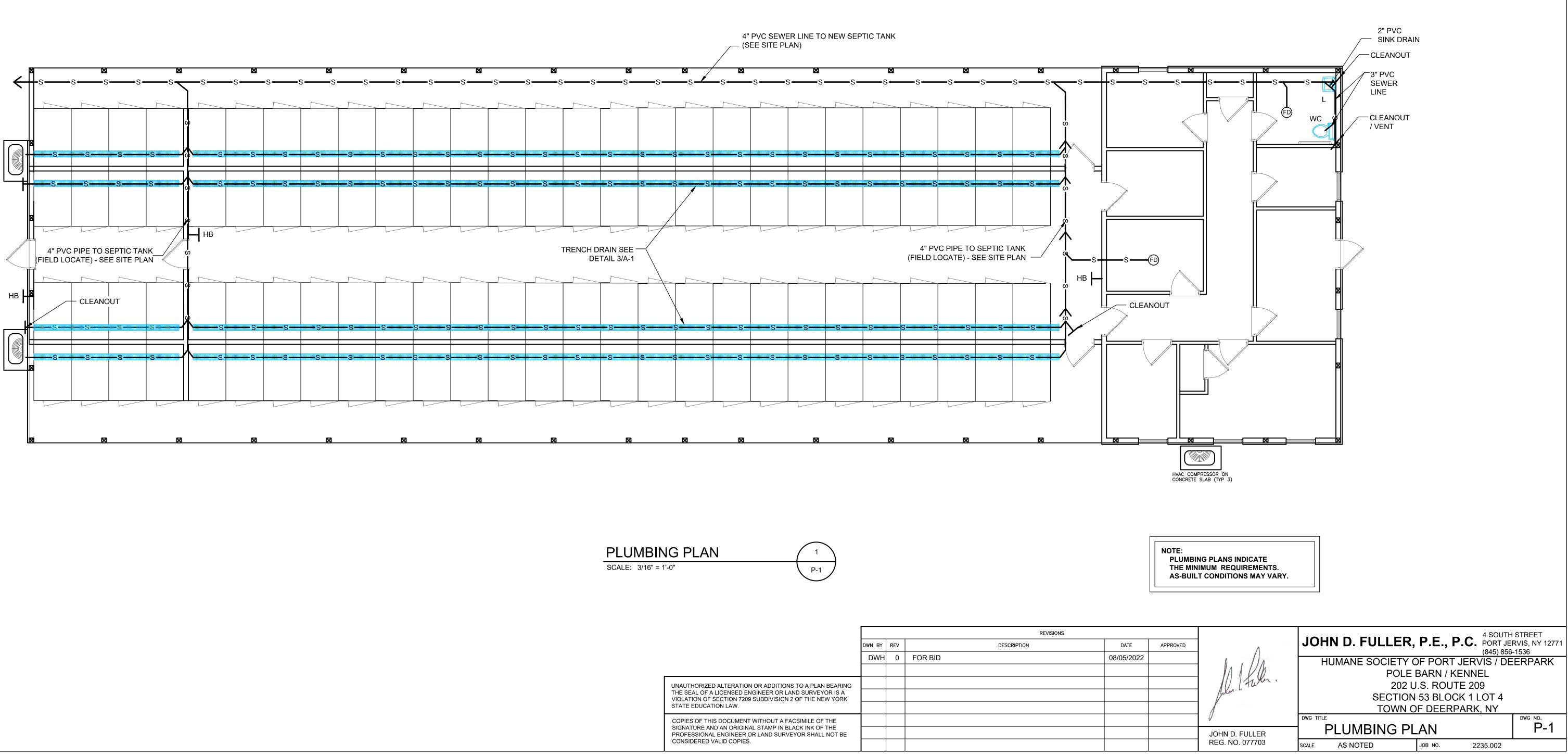
MECHANICAL & FUEL GAS NOTES

1. BATH ROOM EXHAUST FANS TO BE 100 CFM MINIMUM.

HVAC NOTES

1.	DESIGN CRITERIA: SUMMER OUTSIDE TEMPERATURE INSIDE TEMPERATURE	88° FDB 66° FWB 70° FDB 50° RH
	WINTER OUTSIDE TEMPERATURE INSIDE TEMPERATURE	4° FDB 72° FDB
2.	THE CONTRACTOR SHALL PERFORM THE WO WITH THE LATEST ASHRAE AND BEST INDUS	
3.	ALL HVAC WORK SHALL COMPLY WITH ALL A STATE, AND LOCAL CODES HAVING JURISDIC CONSTRUCTION.	
4.	CONTRACTOR SHALL REPORT TO OWNER AN	NY OBSERVATIONS OR

- CONDITIONS WHICH ARE DISCOVERED IN THE BUILDING WHICH WOULD PREVENT THE FULLEST USE OF THE HVAC SYSTEM.
- 5. A MAINTENANCE LABEL MUST BE AFFIXED TO MECHANICAL EQUIPMENT. TWO COPIES OF A MAINTENANCE MANUAL FOR THE EQUIPMENT ITEMS SHALL BE PROVIDED TO THE CONSTRUCTION MANAGER BY THE CONTRACTOR.
- 6. EER RATING AND HEATING COMBUSTION EFFICIENCY RATING OF EACH HVAC UNIT SHALL COMPLY WITH STATE REQUIREMENTS.
- 7. ALL HVAC EQUIPMENT SHALL BE PROPERLY SUPPORTED AND ANCHORED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. ISOLATE UNITS AND FANS FROM STRUCTURE WITH APPROVED VIBRATION MOUNTS.
- 8. ALL WEATHER EXPOSED EQUIPMENT, DUCTS, ETC., SHALL BE COMPLETELY WEATHERPROOFED.
- 9. PACK FIBERGLASS INSULATION AND SEALING MATERIAL, I.E. PERMAGUM, AROUND WALL SLEEVES AND PENETRATIONS TO RETAIN SOME FLEXIBILITY.
- 10. FIELD ROUTE AND SUPPORT ALL PIPING ABOVE DROP CEILING AS REQUIRED.
- 11. INSTALL PIPING AWAY FROM ALL ELECTRICAL EQUIPMENT.
- 12. ALL DUCTWORK SHALL BE INSULATED IN AREAS OF UNCONDITIONED OR UNINSULATED SPACE.

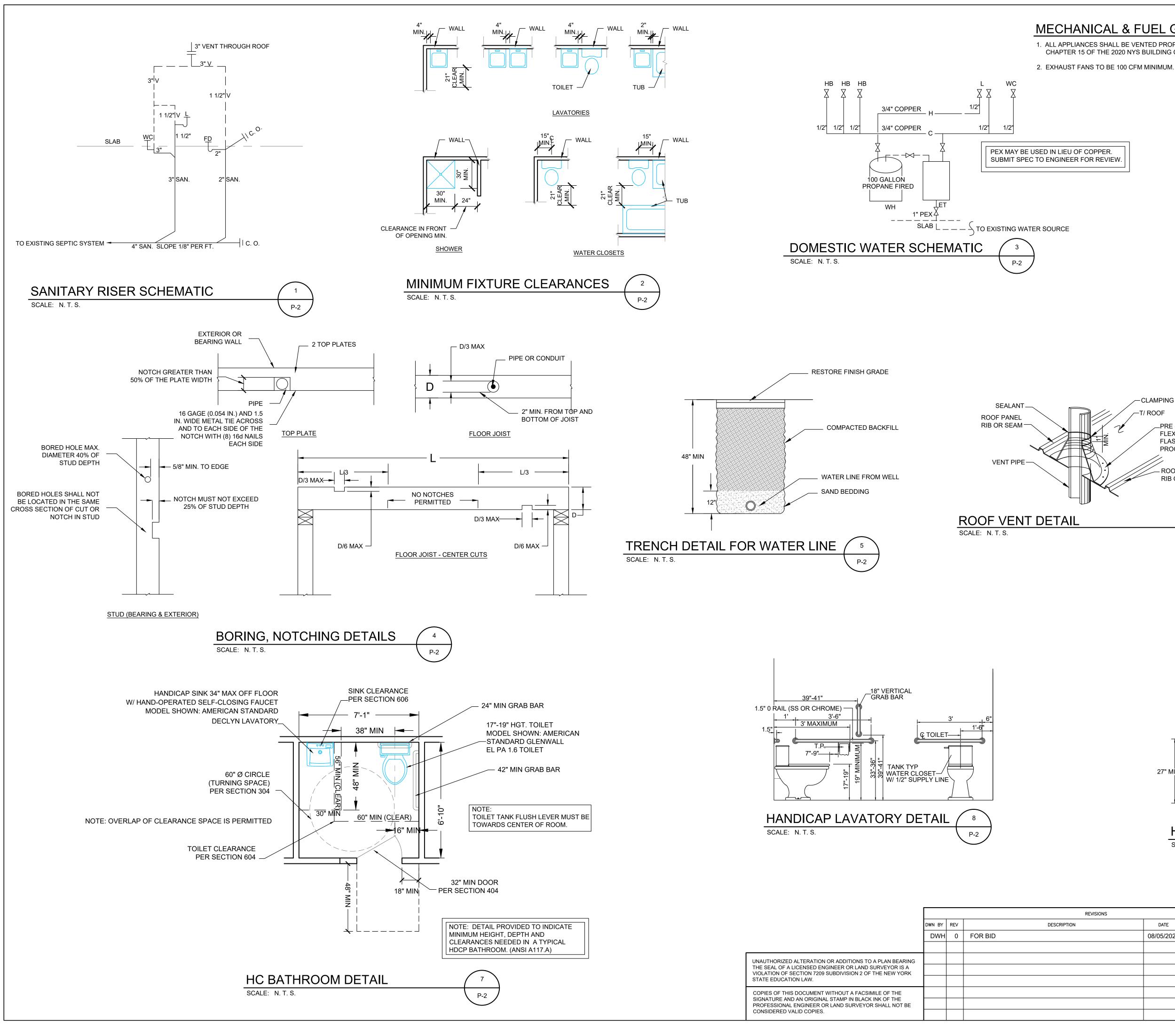


PLUMBING LEGEND						
SYMBOL	DESCRIPTION					
WC	COMMERCIAL GRADE WATER CLOSET W/ WATER SAVING FLUSHOMETER VALVE ASSEMBLY					
L	BATHROOM LAVATORY W/ FAUCET					
НВ	FROST PROTECTED HOSE BIB					
WH	100 GALLON PROPANE FIRED WATER HEATER					
s	SANITARY SEWER WASTE PIPE, TYPE DWV PVC					
V	SANITARY SEWER VENT PIPE, TYPE DWV PVC					
C	DOMESTIC COLD WATER SUPPLY PIPE, PEX OR COPPER					
——н—	DOMESTIC HOT WATER SUPPLY PIPE, PEX OR COPPER					
C.O.	SANITARY SEWER CLEAN OUT					
	DOMESTIC WATER SHUT-OFF VALVE					



				REVISION
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SIGNATURE AND AN ORIGINAL STAMP IN BLACK INK OF THE PROFESSIONAL ENGINEER OR LAND SURVEYOR SHALL NOT BE	:			
CONSIDERED VALID COPIES.				

- PLUMBING NOTES
- 1. THE ENTIRE PLUMBING INSTALLATION SHALL BE IN ACCORDANCE WITH THE APPLICABLE PROVISIONS OF THE 2020 NYS BUILDING CODE.
- 2. WATER SERVICE ENTRANCE AND SANITARY EXIT SHALL OCCUR WITHIN THE SLAB. REFER TO SITE PLAN OR SURVEY FOR LOCATION OF SANITARY DISPOSAL SYSTEM AND WELL.
- 3. PIPE SUPPORT:
 - PEX 32" HORIZONTAL AND 4' VERTICAL PVC - 4' HORIZONTAL AND 10' VERTICAL COPPER - 6' HORIZONTAL AND 10' VERTICAL
- 4. ALL PLASTIC PIPE MATERIALS FOR SUPPLY OR WASTE SHALL BE IDENTIFIED AND LISTED IN ACCORDANCE WITH THE APPROPRIATE THIRD PARTY CERTIFICATIONS.
- 5. ONLY MANUFACTURED AND CODE COMPLIANT FIXTURES MAY BE USED.
- 6. WATER HEATER SHALL BE INSTALLED IN THE BATHROOM. SIZE IN ACCORDANCE WITH THE DOMESTIC WATER SCHEMATIC.
- 7 WATER SUPPLY AND DISTRIBUTION SHALL BE INSTALLED IN ACCORDANCE WITH THE DOMESTIC WATER SCHEMATIC. INSTALLATION SHALL FOLLOW THE MANUFACTURERS SPECIFICATIONS FOR PEX TUBING AND THE APPLICABLE PROVISIONS OF THE 2020 NYS BUILDING CODE.
- 8. DRAIN, WASTE AND VENT PIPE (DWV) SHALL BE SIZED IN ACCORDANCE WITH THE SANITARY RISER DIAGRAM.



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		DWH	0	FOR BID	
	UNAUTHORIZED ALTERATION OR ADDITIONS TO A PLAN BEARING				
	THE SEAL OF A LICENSED ENGINEER OR LAND SURVEYOR IS A VIOLATION OF SECTION 7209 SUBDIVISION 2 OF THE NEW YORK				
	STATE EDUCATION LAW.				
	COPIES OF THIS DOCUMENT WITHOUT A FACSIMILE OF THE				
	SIGNATURE AND AN ORIGINAL STAMP IN BLACK INK OF THE PROFESSIONAL ENGINEER OR LAND SURVEYOR SHALL NOT BE				
CONSIDERED VALID COPIES.					

MECHANICAL & FUEL GAS NOTES

1. ALL APPLIANCES SHALL BE VENTED PROPERLY IN ACCORDANCE WITH CHAPTER 15 OF THE 2020 NYS BUILDING CODE.

PLUMBING NOTES

- 1. THE ENTIRE PLUMBING INSTALLATION SHALL BE IN ACCORDANCE WITH THE APPLICABLE PROVISIONS OF THE 2020 NYS BUILDING CODE.
- 2. WATER SERVICE ENTRANCE AND SANITARY EXIT SHALL OCCUR WITHIN THE SLAB. REFER TO SITE PLAN OR SURVEY FOR LOCATION OF SANITARY DISPOSAL SYSTEM AND WELL.
- 3. PIPE SUPPORT:
 - PEX 32" HORIZONTAL AND 4' VERTICAL PVC - 4' HORIZONTAL AND 10' VERTICAL COPPER - 6' HORIZONTAL AND 10' VERTICAL
- 4. ALL PLASTIC PIPE MATERIALS FOR SUPPLY OR WASTE SHALL BE IDENTIFIED AND LISTED IN ACCORDANCE WITH THE APPROPRIATE THIRD PARTY CERTIFICATIONS.
- 5. ONLY MANUFACTURED AND CODE COMPLIANT FIXTURES MAY BE USED.
- 6. WATER HEATER SHALL BE INSTALLED IN THE BATHROOM. SIZE IN ACCORDANCE WITH THE DOMESTIC WATER SCHEMATIC.
- 7. WATER SUPPLY AND DISTRIBUTION SHALL BE INSTALLED IN ACCORDANCE WITH THE DOMESTIC WATER SCHEMATIC. INSTALLATION SHALL FOLLOW THE MANUFACTURERS SPECIFICATIONS FOR PEX TUBING AND THE APPLICABLE PROVISIONS OF THE 2020 NYS BUILDING CODE.
- 8. DRAIN, WASTE AND VENT PIPE (DWV) SHALL BE SIZED IN ACCORDANCE WITH THE SANITARY RISER DIAGRAM.

	PLUMBING LEGEND				
	SYMBOL	DESCRIPTION			
	WC	COMMERCIAL GRADE WATER CLOSET W/ WATER SAVING FLUSHOMETER VALVE ASSEMBLY			
	L	BATHROOM LAVATORY W/ FAUCET			
	НВ	FROST PROTECTED HOSE BIB			
T/ ROOF	WH	100 GALLON PROPANE FIRED WATER HEATER			
PRE - MANUFACTURED FLEXIBLE PIPE FLASHING, WEATHER -	S	SANITARY SEWER WASTE PIPE, TYPE DWV PVC			
PROOF	V	SANITARY SEWER VENT PIPE, TYPE DWV PVC			
ROOF PANEL RIB OR SEAM	c	DOMESTIC COLD WATER SUPPLY PIPE, PEX OR COPPER			
	——— Н ———	DOMESTIC HOT WATER SUPPLY PIPE, PEX OR COPPER			
	c.o.	SANITARY SEWER CLEAN OUT			
P-2		DOMESTIC WATER SHUT-OFF VALVE			

