



April 1, 2022

Village of Irvington Architectural Review Board
85 Main Street
Irvington, New York 10533

RE: Ardsley Country Club – New Paddle Tennis Courts
North Mountain Drive
Irvington, NY 10533
TM# 2.180-85-10 & 11, 2.191-86-4, 2.170-77-15

Dear Chair Rasulo and Members of the Board:

Please find enclosed one copy of the following plans and documents submitted in support of an application for architectural review/approval for the new paddle tennis courts for the above referenced project:

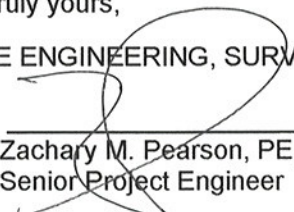
- Eight (8) sheet Site Plan set, revised November 17, 2021.
- Six (6) sheet Structural Drawing Set for the New Platform Tennis Courts, prepared by Court-Pro, dated February 1, 2022.
- Aerial Image of Ardsley Country Club.
- Photos of Existing Paddle Tennis Courts at Ardsley Country Club.
- Flash Drive containing pdfs of all submitted plans and documents.

The applicant seeks approval from your Board of the two additional paddle tennis courts to be constructed adjacent to the three existing courts at the site. The Club received Planning Board Approval in December 2021 for a project including the two new paddle tennis courts and the replacement of the existing turning house in the golf course. The current application to your Board is just for the construction of the new paddle tennis courts. The court contractor has an opening in their schedule to construct the courts this spring and, if the Club misses this window, they will have to wait until the fall. The halfway house that was approved as concurrently with the paddle tennis project by the Planning Board is currently being value engineered and will be submitted separately to your board for review/approval. It is anticipated that the Club will be submitting the application for the halfway house later this the year for the fall start of construction.

We respectfully request to be placed on the agenda for the Architectural Review Board's April 25, 2022 meeting for discussion of the new paddle tennis courts with the Board. Should you have any questions or comments regarding the enclosed information or need additional copies, please feel free to contact our office.

Very truly yours,

INSITE ENGINEERING, SURVEYING & LANDSCAPE ARCHITECTURE, P.C.

By: 
Zachary M. Pearson, PE, Sr. Associate
Senior Project Engineer

ZMP/dlm

Enclosures (All via email only)

cc: Mr. Ben Ghesquiere, via email
Mr. Mark Cucinell, via email
Mr. David Oakes, via email

Insite File No. 21190.100

Country club



Country Club

reviews

 Nearby

 Send to your phone

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Mountain Dr, Dobbs Ferry, NY 10522

Ardley Curling Club

ay ▾

rg

150

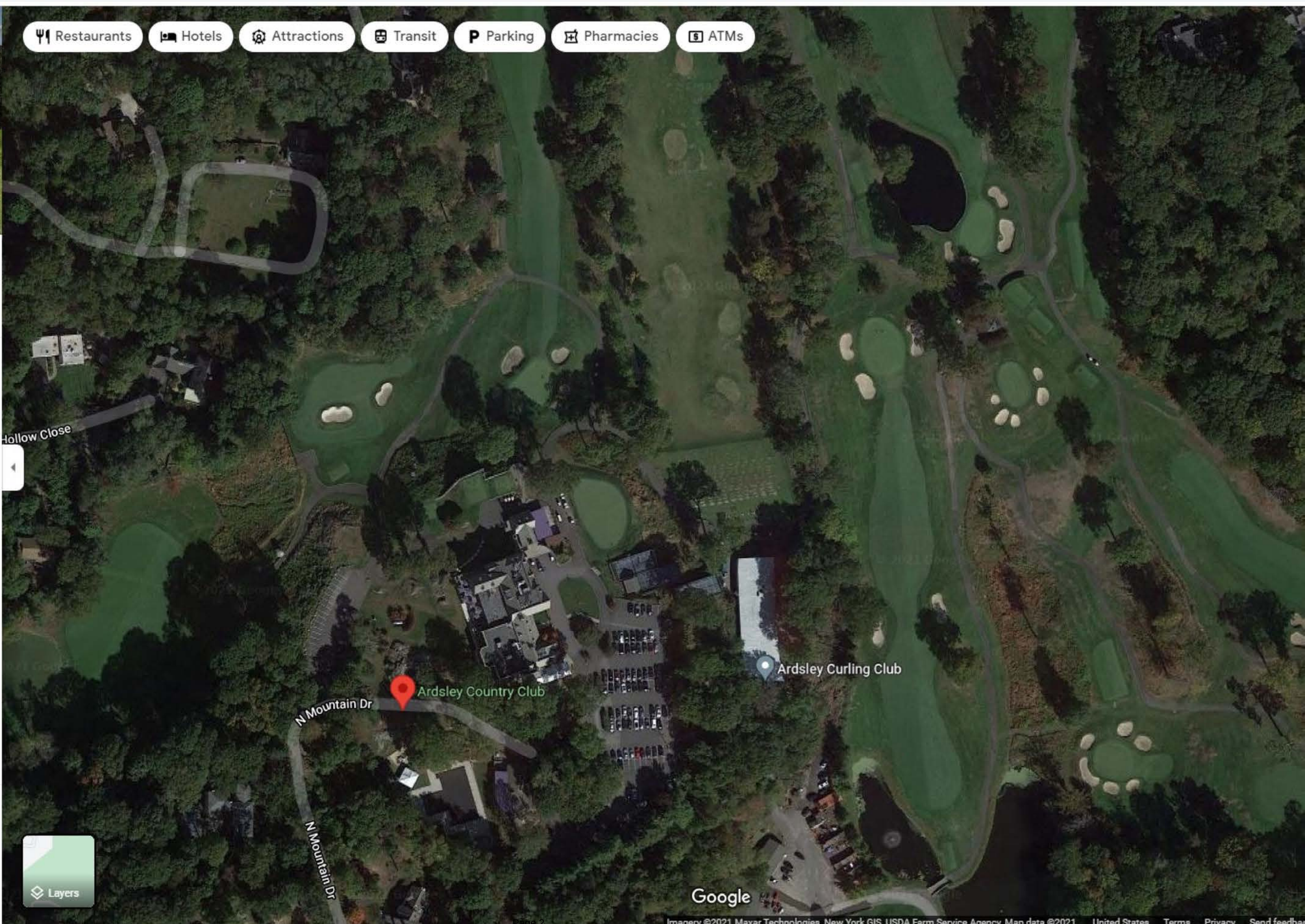
Dobbs Ferry, New York

business

Suggest an edit

uesdays ▾

Tuesdays—pick another day



DO NOT SCALE INFORMATION
OFF DRAWINGS. IF INFORMATION
IS MISSING OR UNCLEAR, CONTACT
ENGINEER FOR CLARIFICATION.



- NOTES:
- THE INFORMATION SHOWN ON THESE DRAWINGS IS PROPRIETARY AND MAY NOT BE USED IN ANY MANNER WITHOUT WRITTEN PERMISSION FROM COURT PRO.
 - SEE S1 FOR GENERAL NOTES PERTAINING TO S DRAWINGS AND FOR MEMBER TYPE IDENTIFICATION.
 - DRAWINGS ARE HALF-SIZE IF PLOTTED ON 11X17 SHEETS.



2/1/22

ISSUES/REVISIONS		DESCRIPTION	
NO	DATE	BY	CHK

NEW PLATFORM TENNIS COURTS
ARDSLEY COUNTRY CLUB
100 N MOUNTAIN DR, DOBBS FERRY, NY

SCALE: AS NOTED DATE: 02/01/2022

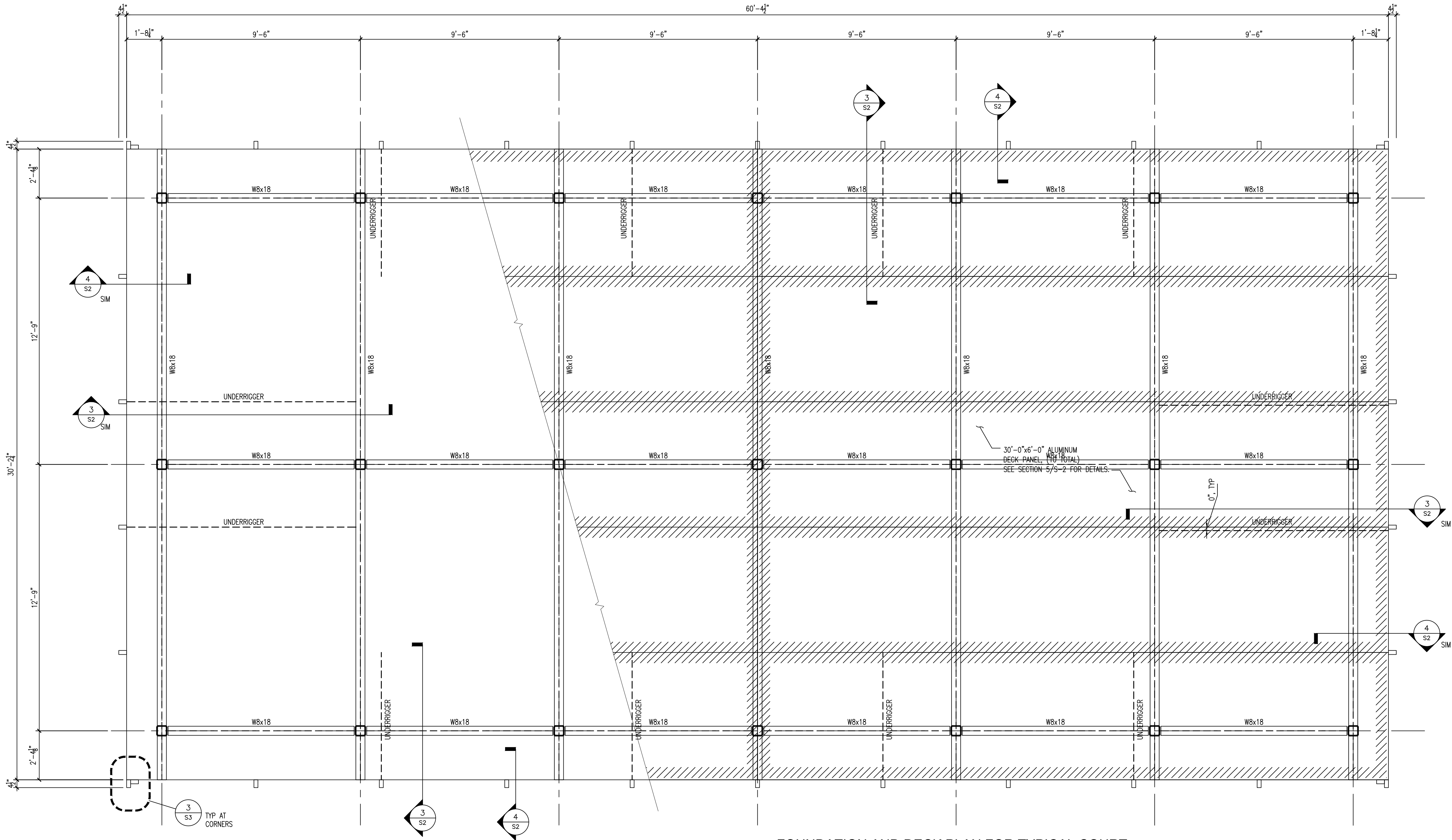
DWN. BY: MWH CKD. BY: MWH

KCE PROJECT #: 21243

CAD FILE NAME:

FOUNDATION AND DECK
PLAN FOR TYPICAL COURT

S1



FOUNDATION AND DECK PLAN FOR TYPICAL COURT

3/8" = 1'-0"

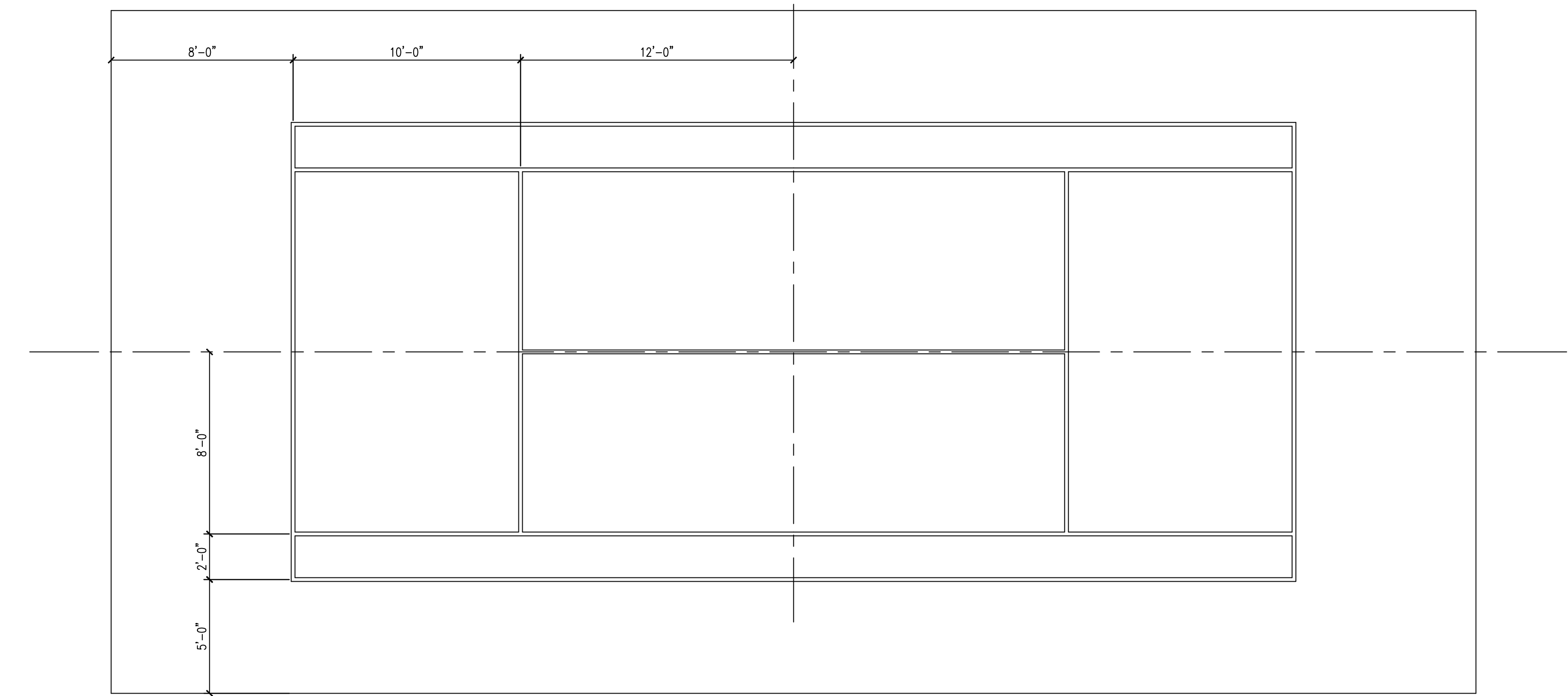
GENERAL NOTES FOR S DRAWINGS:

- COURT IS DESIGNED FOR THE FOLLOWING LOADS:
 - LIVE LOAD FOR COURT = 40 PSF
 - SNOW LOAD = 30 PSF
 - WIND LOADS
 - LOADS PER ASCE 7-16 CHAPTER 29 "WIND LOADS ON OTHER STRUCTURES AND BUILDING APPURTENANCES - MWFRS"
 - RISK CATEGORY I
 - EXPOSURE B
 - BASIC WIND SPEED = 106 MPH
 - WIND DIRECTIONALITY FACTOR, Kd = 0.85
 - TOPOGRAPHIC FACTOR, Kzt = 1
 - SEISMIC LOADS
 - Ss = 0.297
 - S1 = 0.061
 - SITE CLASS D
 - SDS = 0.309
 - SD1 = 0.098
 - R = 1.25 FROM TABLE 1.5-2 FOR "ALL OTHER SELF-SUPPORTING STRUCTURES"
 - Cd = 2.5
 - OVERSTRENGTH FACTOR = 2
- CONCRETE
 - MINIMUM 28 DAY COMPRESSIVE STRENGTH IS 4000 PSI.
 - MINIMUM YIELD STRENGTH OF REINFORCING IS 60,000 PSI.
- STRUCTURAL STEEL
 - MINIMUM YIELD STRENGTH IS 50,000 PSI.
 - SUBMIT SHOP DRAWINGS FOR APPROVAL PRIOR TO FABRICATION.
 - CAST CONCRETE PIERS AND CONFIRM TOP OF PIER ELEVATIONS PRIOR TO PREPARATION OF SHOP DRAWINGS.
 - FINISH STEEL WITH TWO COATS OF EPOXY PAINT OR APPROVED SUBSTITUTE. PREPARE STEEL SURFACE AND PRIME IN ACCORDANCE WITH PAINT SUPPLIERS SPECIFICATIONS.

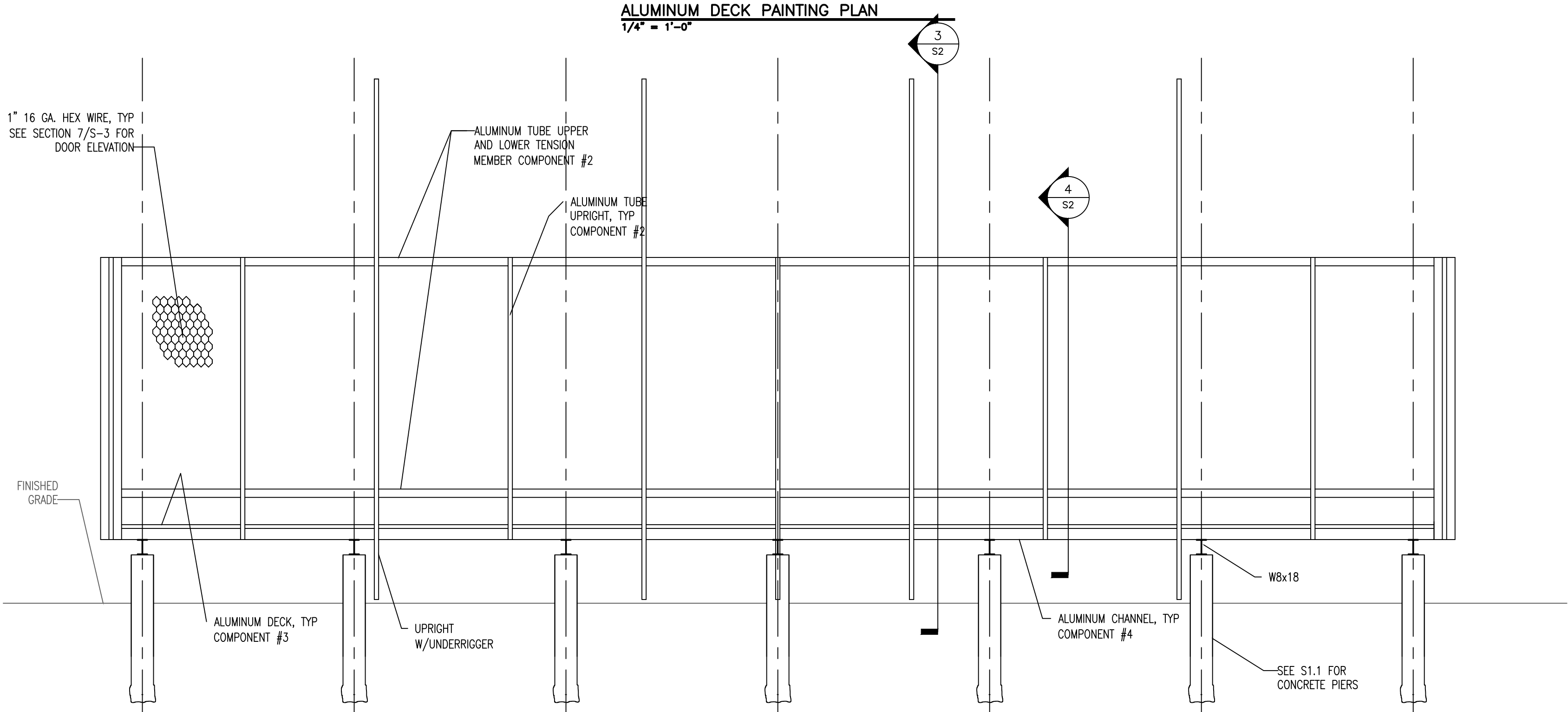
COMPONENT NUMBER	DESCRIPTION
1	(2) 8.25" DEEP x 2.43" WIDE ALUMINUM I-BEAM
2	4.5"x2.3125"x.09375" ALUMINUM TUBE
3	6.416" WIDE x 1.968" DEEP ALUMINUM DECK PLANK
4	7.67"x1.13" ALUMINUM SIDE CHANNEL
5	6" DEEP x .75" WIDE ALUMINUM I-BEAM
6	1"x2.5"x.125" ALUMINUM ANGLE

* NOTE: ALL EXTRUSIONS ARE 6063-T6 ALLOY

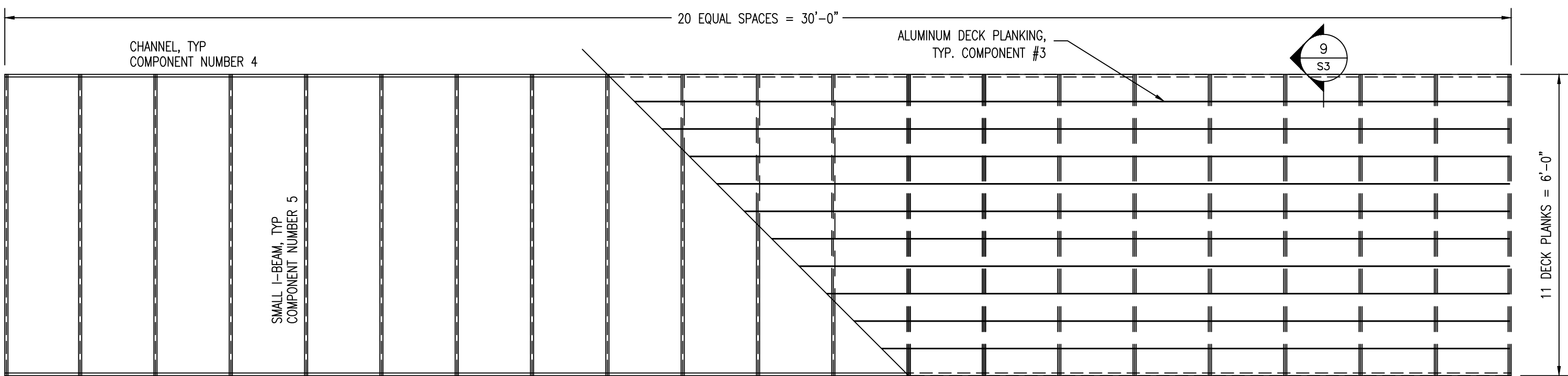




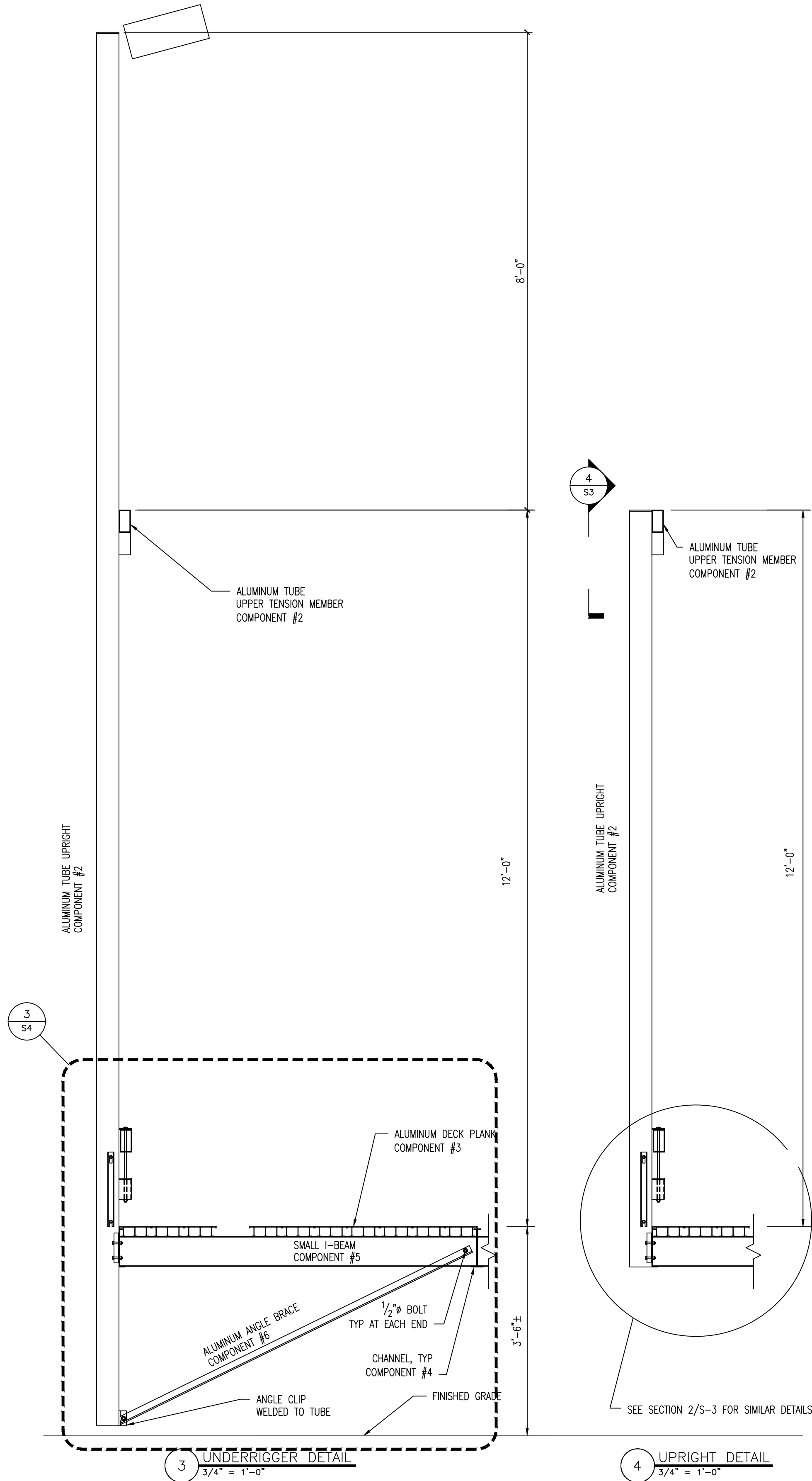
ALUMINUM DECK PAINTING PLAN
1/4" = 1'-0"



1 COURT ELEVATION
1/4" = 1'-0"



5 TYPICAL ALUMINUM DECK PANEL
1/2" = 1'-0"



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2/1/22

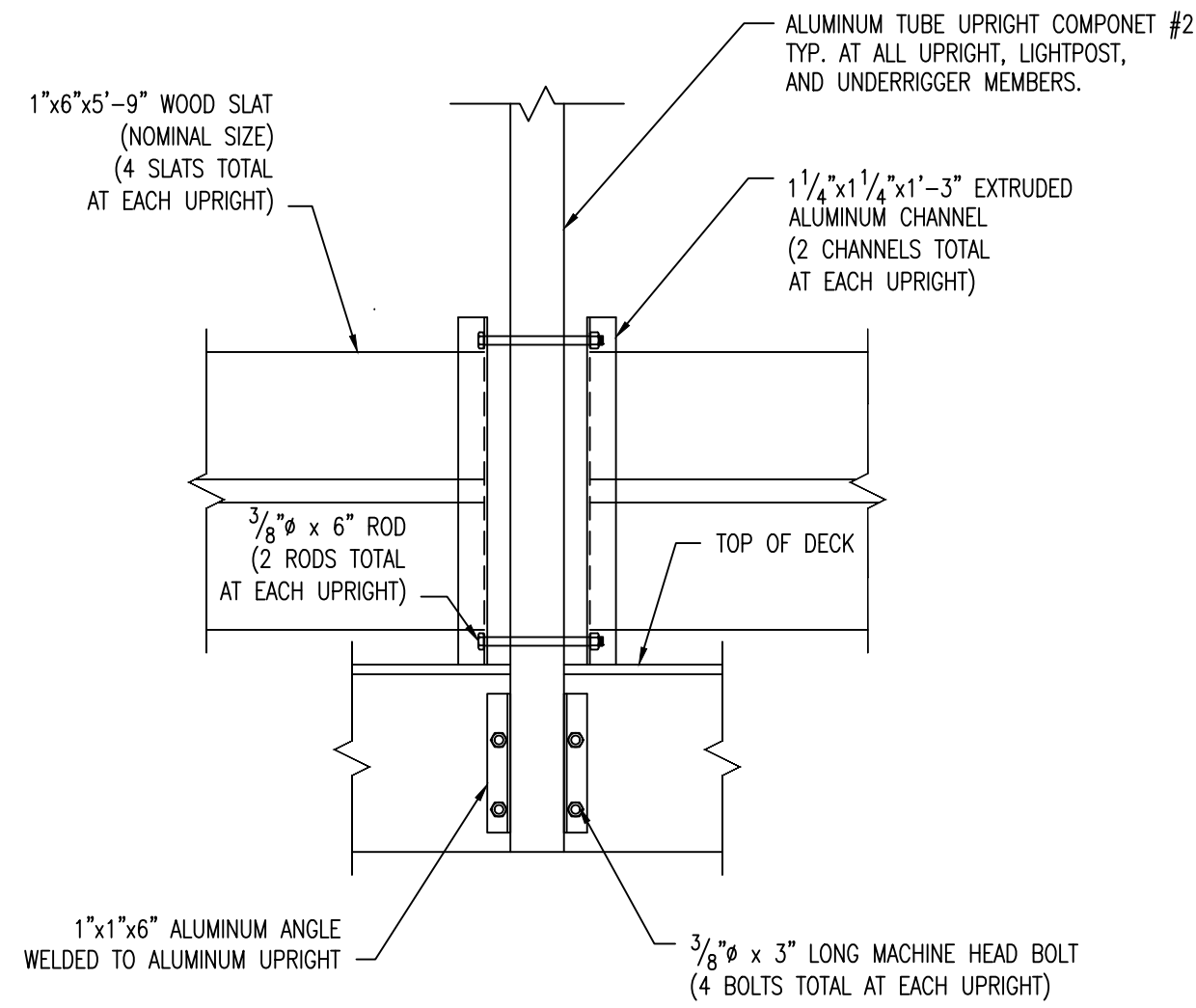
ISSUES/REVISIONS		DESCRIPTION	
NO	DATE	BY	CHK

NEW PLATFORM TENNIS COURTS
ARDSLEY COUNTRY CLUB
100 N MOUNTAIN DR, DOBBS FERRY, NY

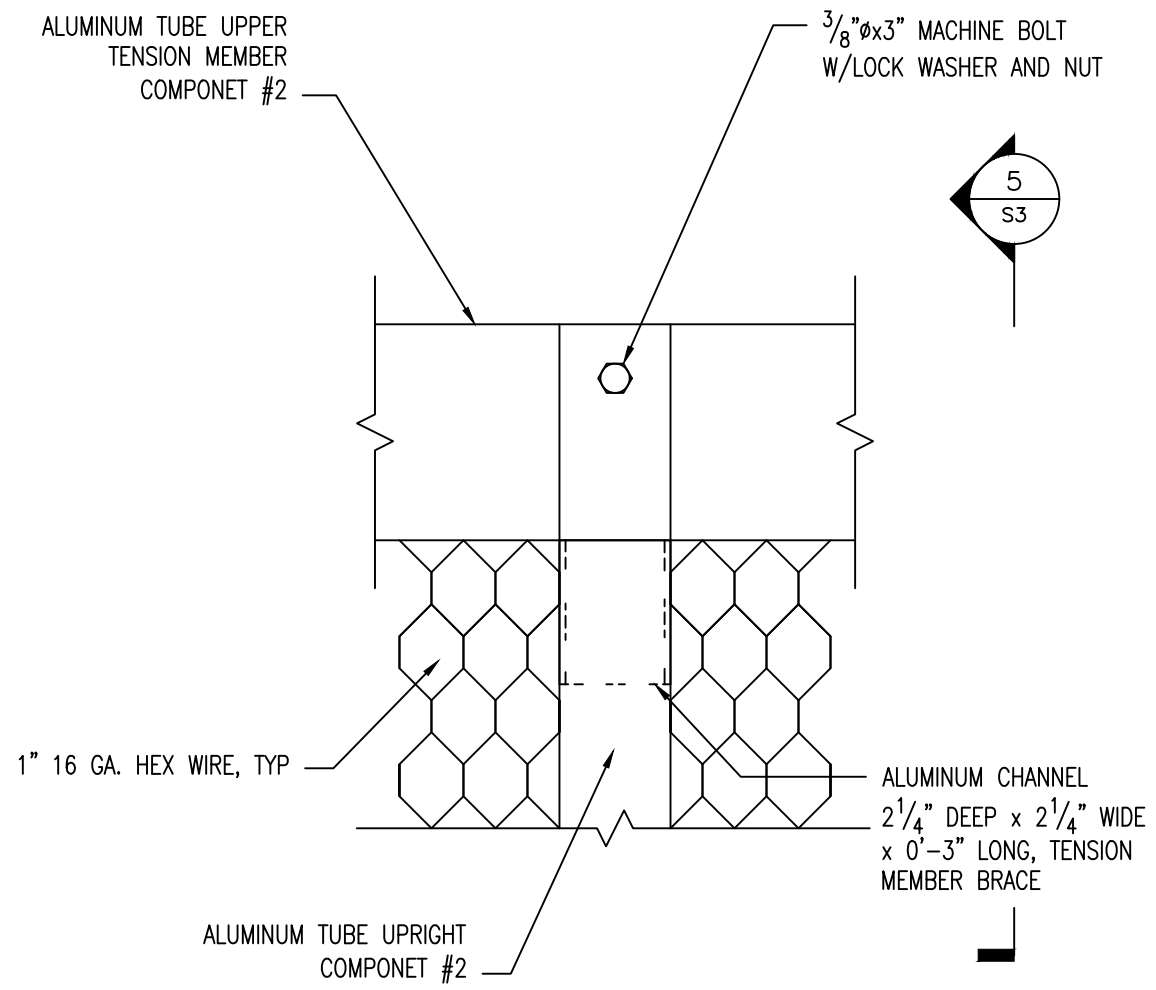
SCALE: AS NOTED	DATE: 02/01/2022
DWN. BY: MWH	CKD. BY: MWH
WCE PROJECT #: 21243	
CAD FILE NAME:	

SECTIONS AND DETAILS

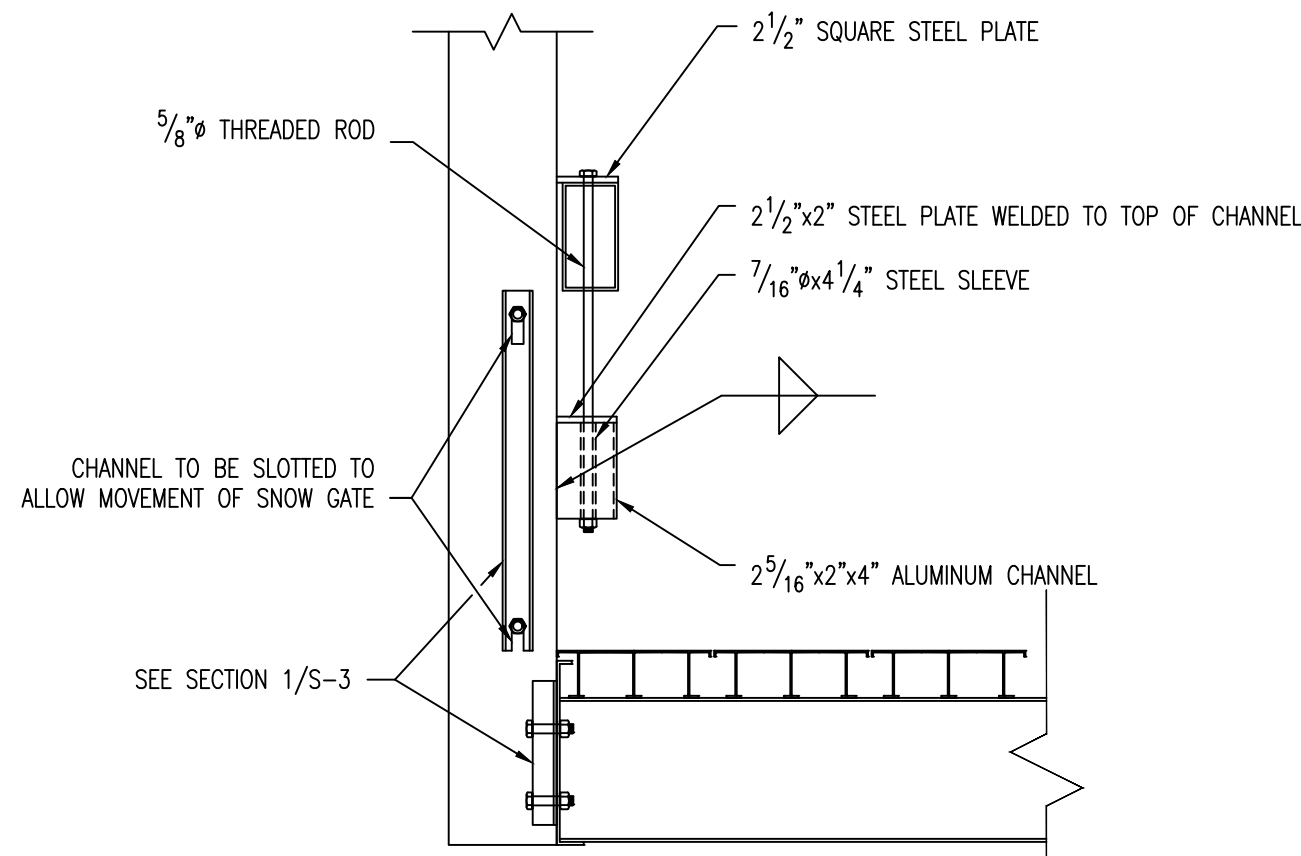
S2



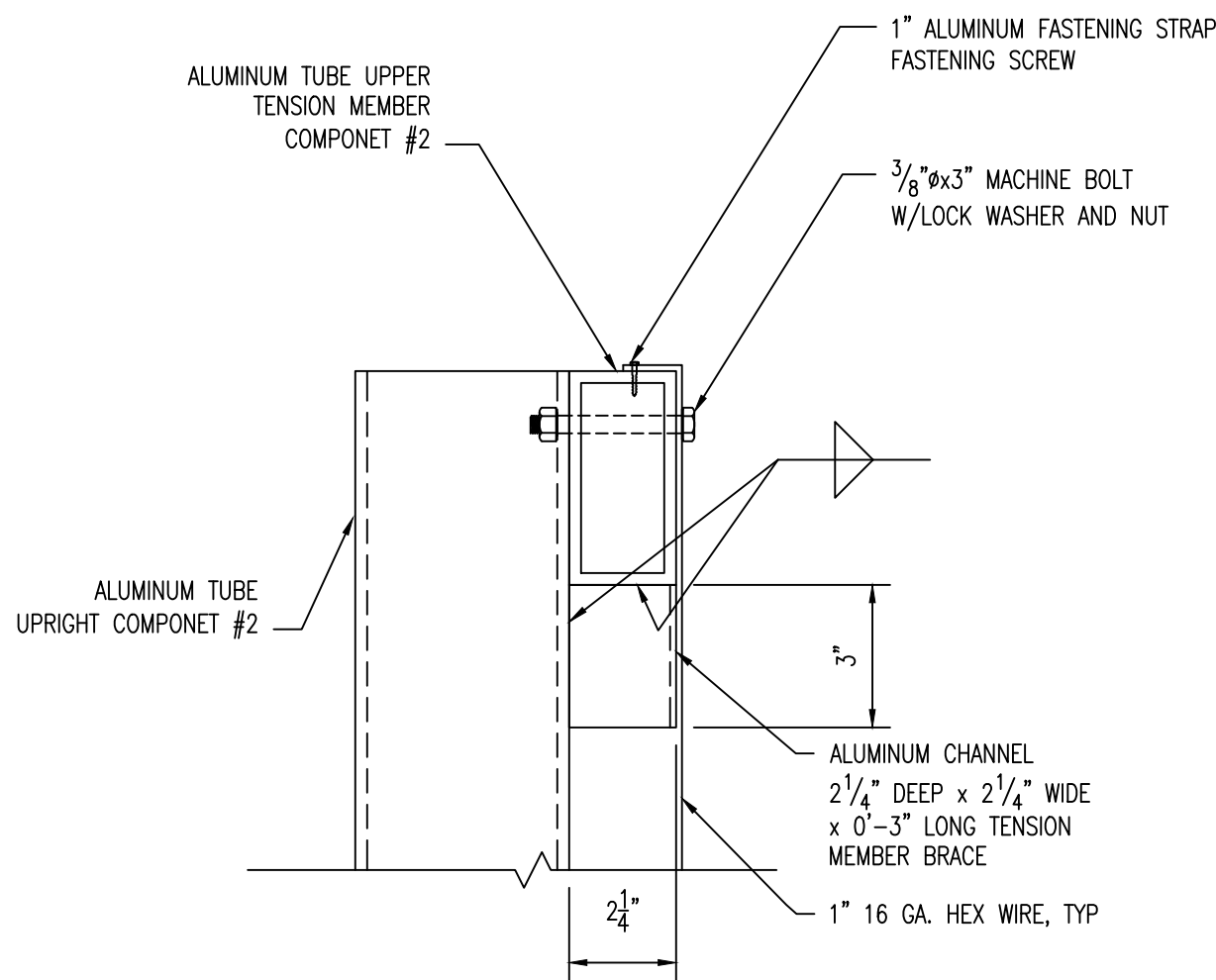
1 UPRIGHT ELEVATION AT LOWER TENSION MEMBER
1 1/2" = 1'-0"



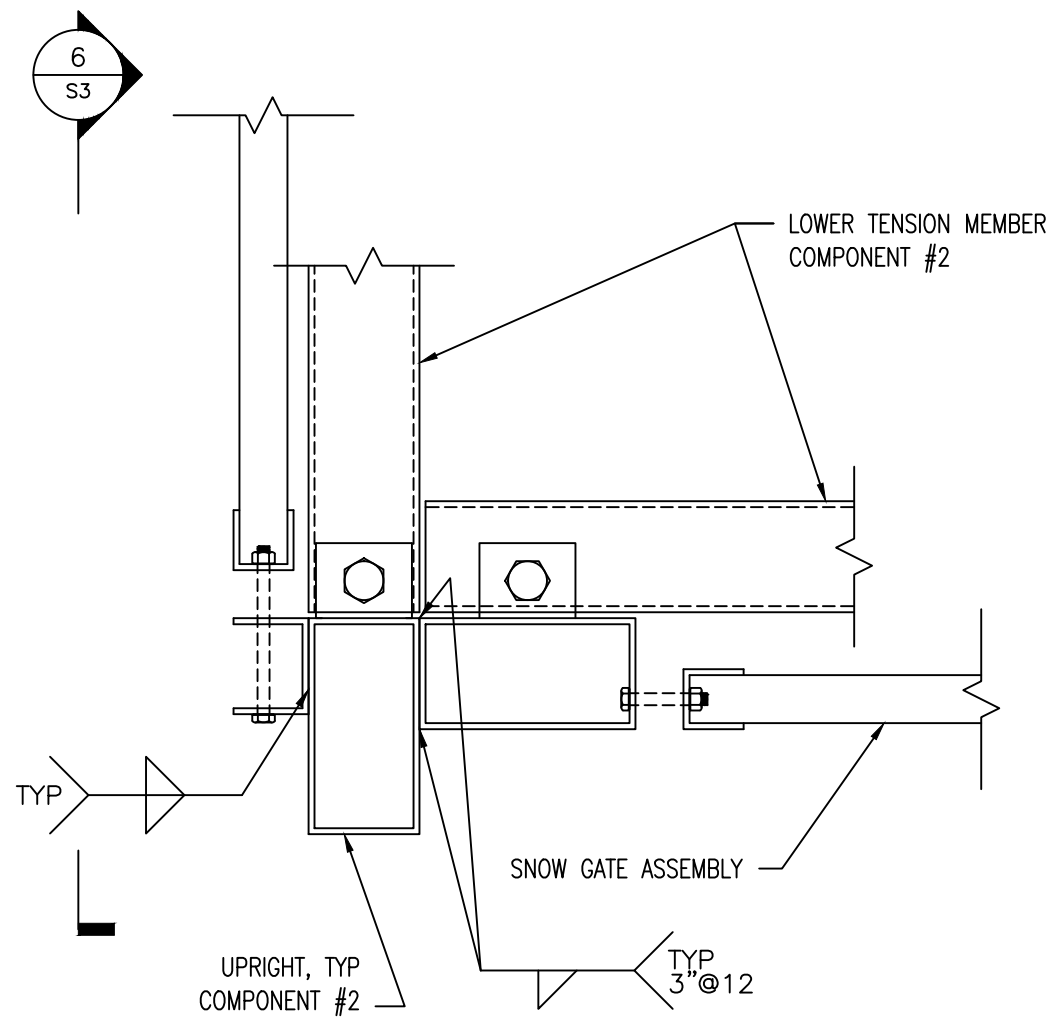
4 UPRIGHT ELEVATION AT UPPER TENSION MEMBER
3" = 1'-0"



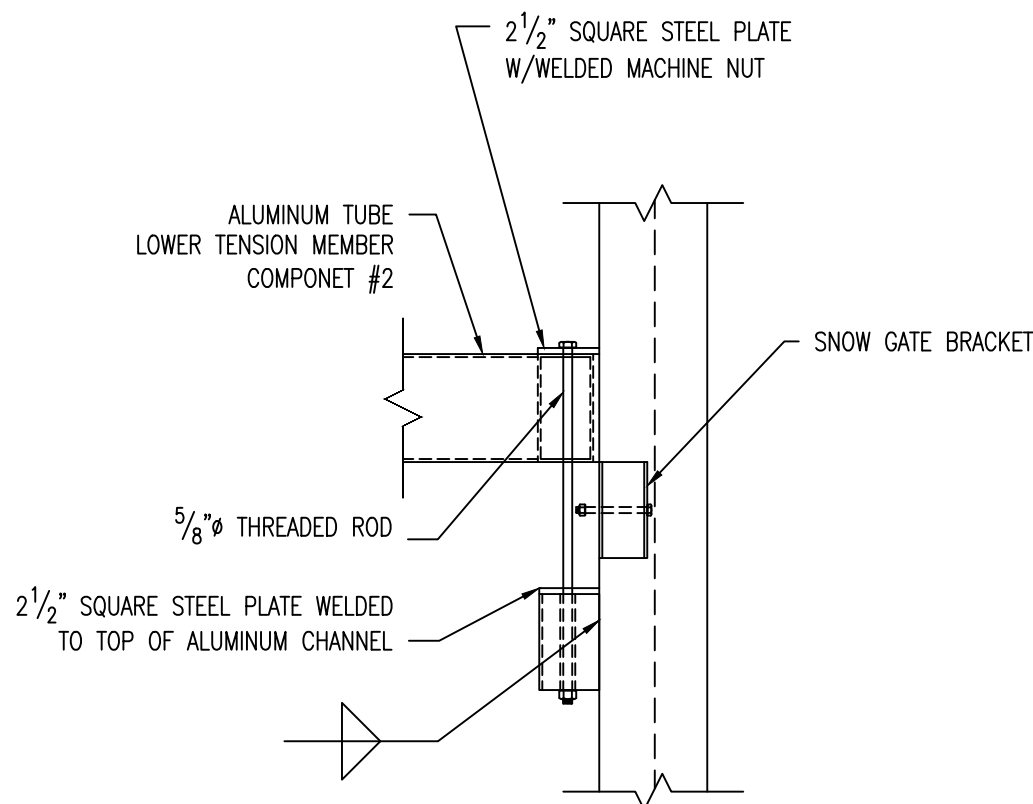
2 UPRIGHT SECTION AT LOWER TENSION MEMBER
1 1/2" = 1'-0"



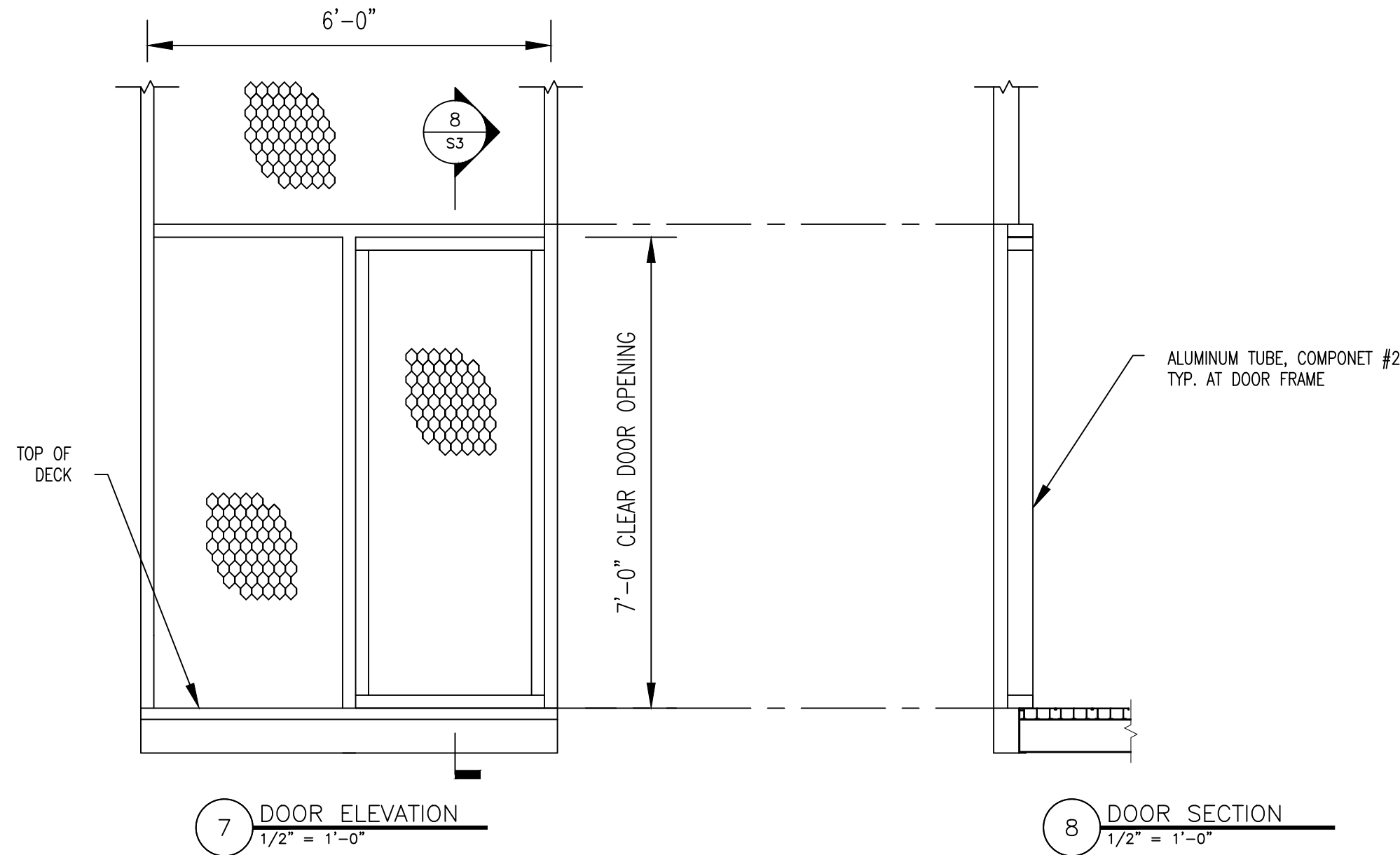
5 UPRIGHT SECTION AT UPPER TENSION MEMBER
3" = 1'-0"



3 CORNER UPRIGHT PLAN AT LOWER TENSION MEMBER
3" = 1'-0"

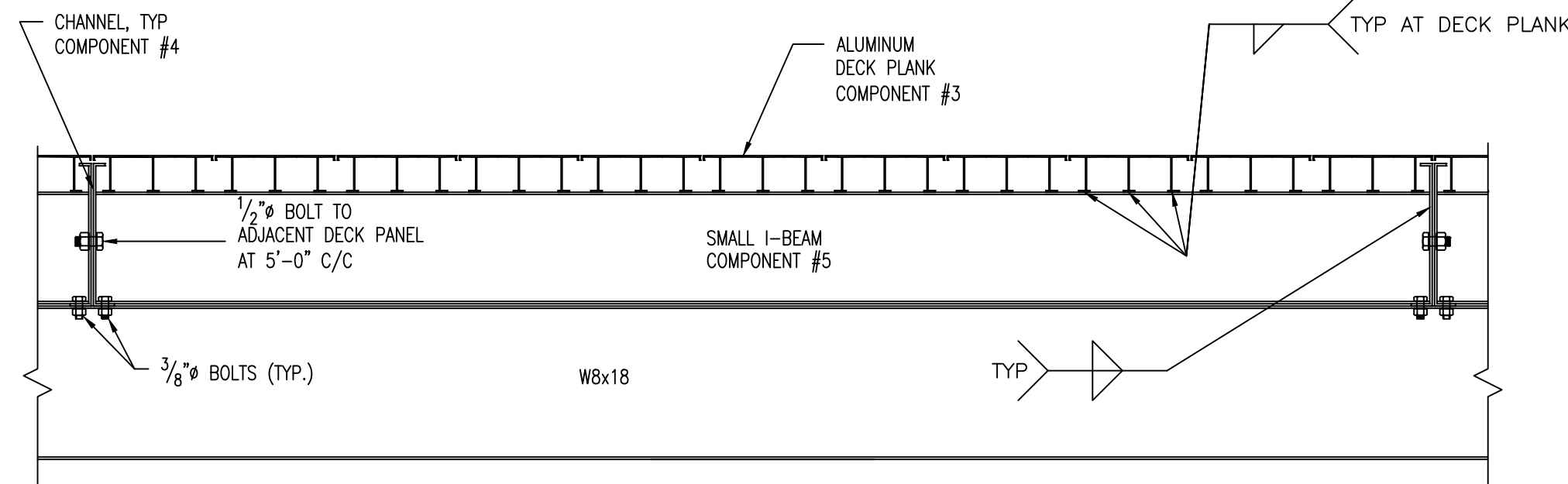


6 CORNER UPRIGHT SECTION AT LOWER TENSION MEMBER
1 1/2" = 1'-0" (SNOW GATES NOT SHOWN FOR CLARITY)



7 DOOR ELEVATION
1/2" = 1'-0"

8 DOOR SECTION
1/2" = 1'-0"



9 STRUCTURAL DETAIL
1-1/2" = 1'-0"

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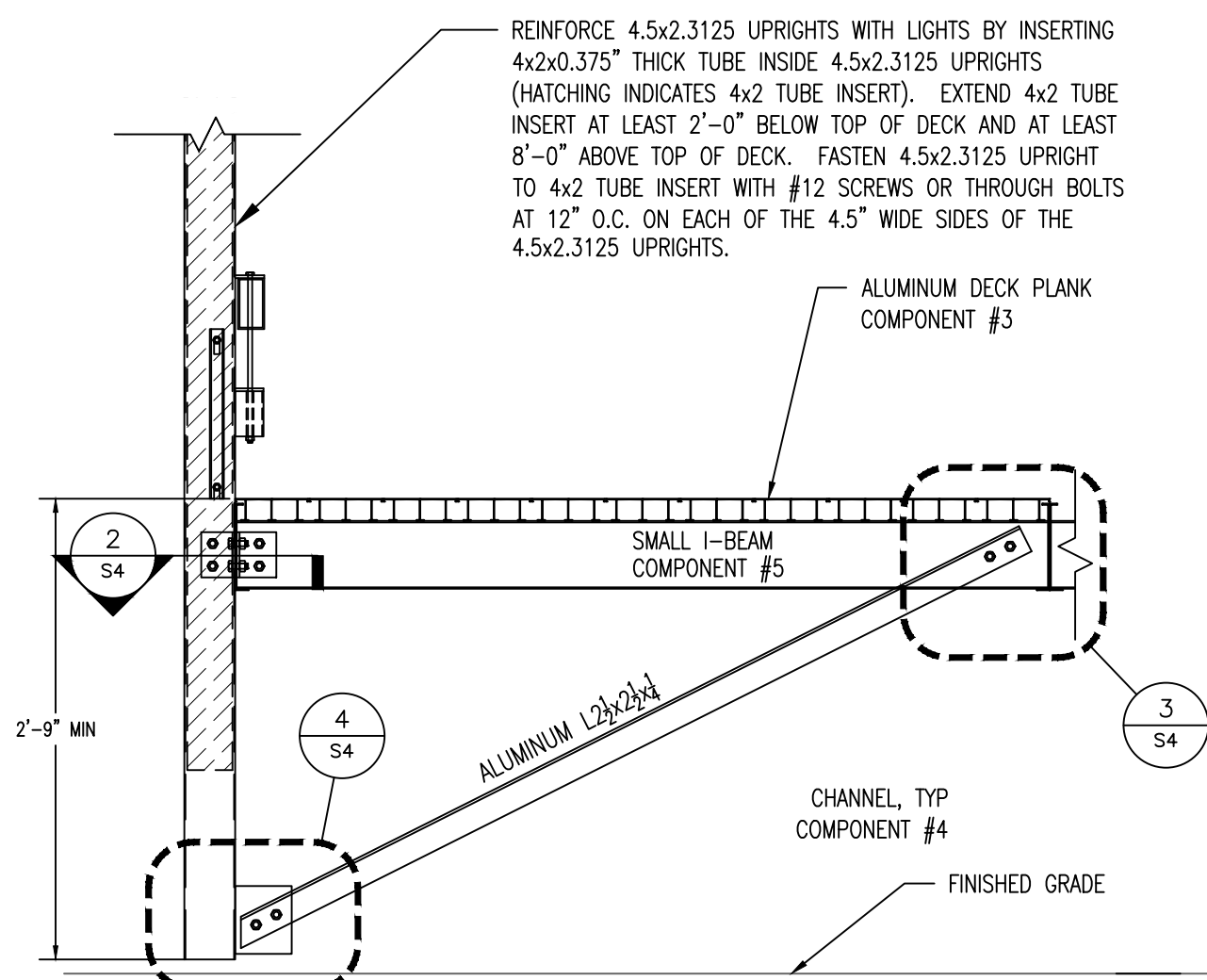
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NO	DATE	BY	CHK

NEW PLATFORM TENNIS COURTS
ARDSLEY COUNTRY CLUB
100 N MOUNTAIN DR, DOBBS FERRY, NY

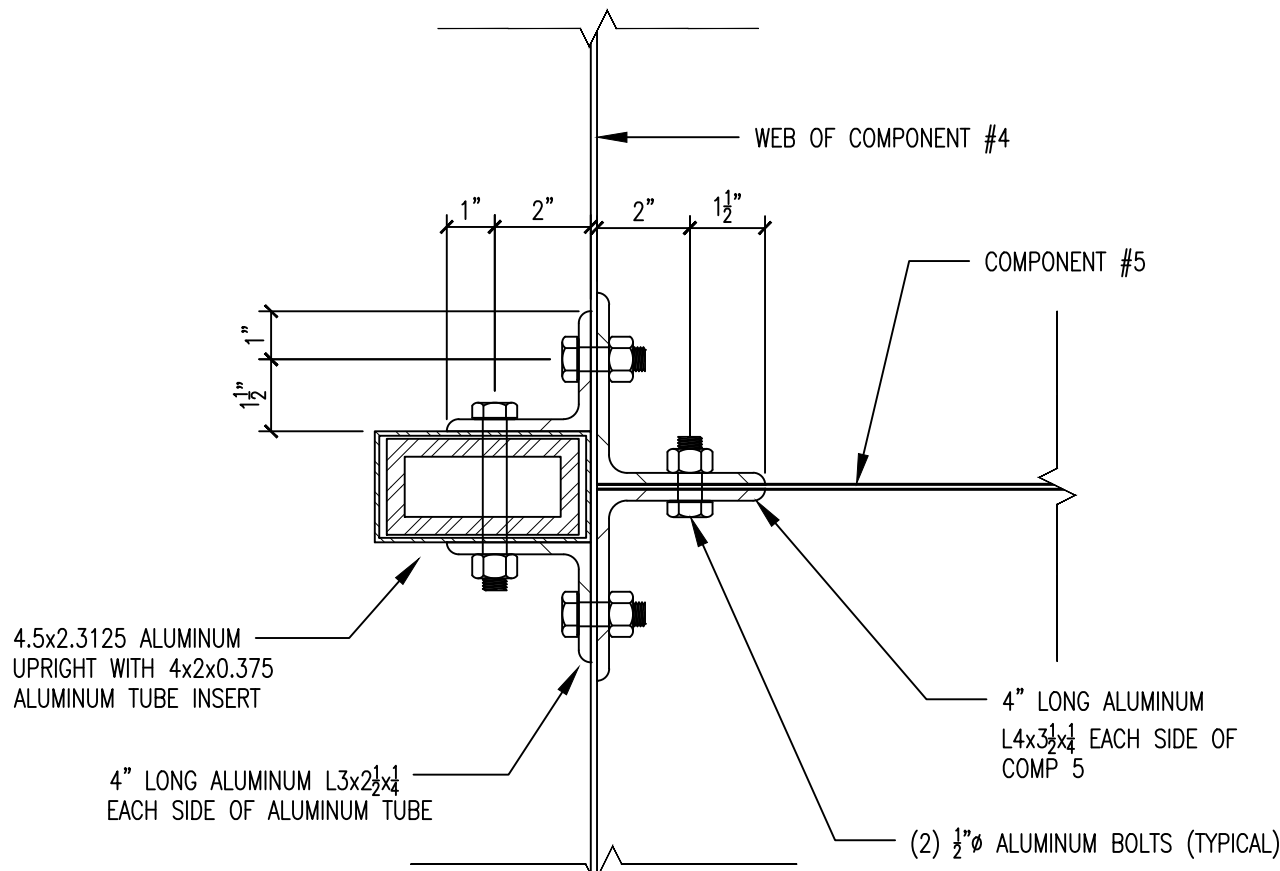
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WCE PROJECT #: 21243	
CAD FILE NAME:	

SECTIONS AND DETAILS

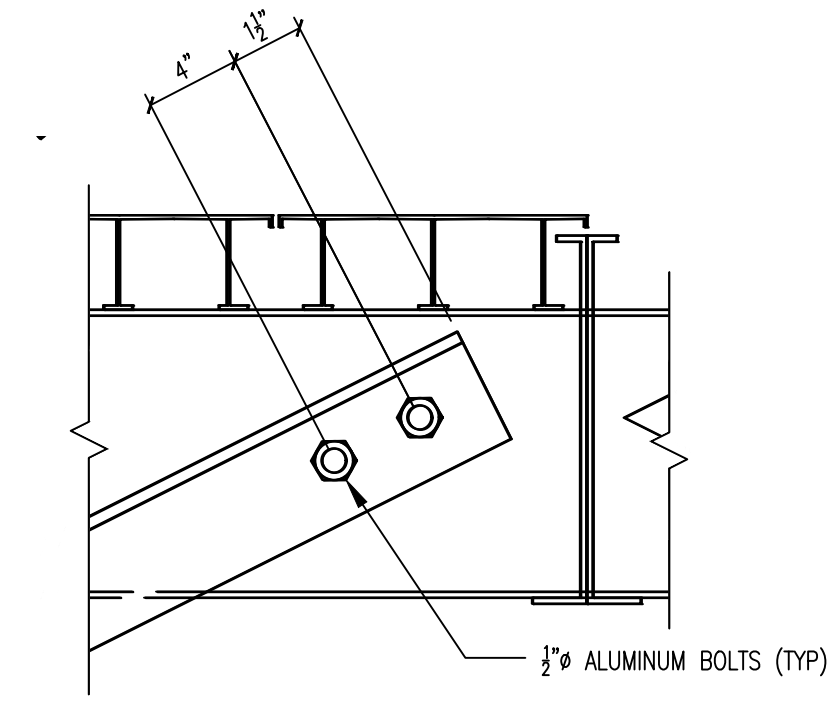
S3



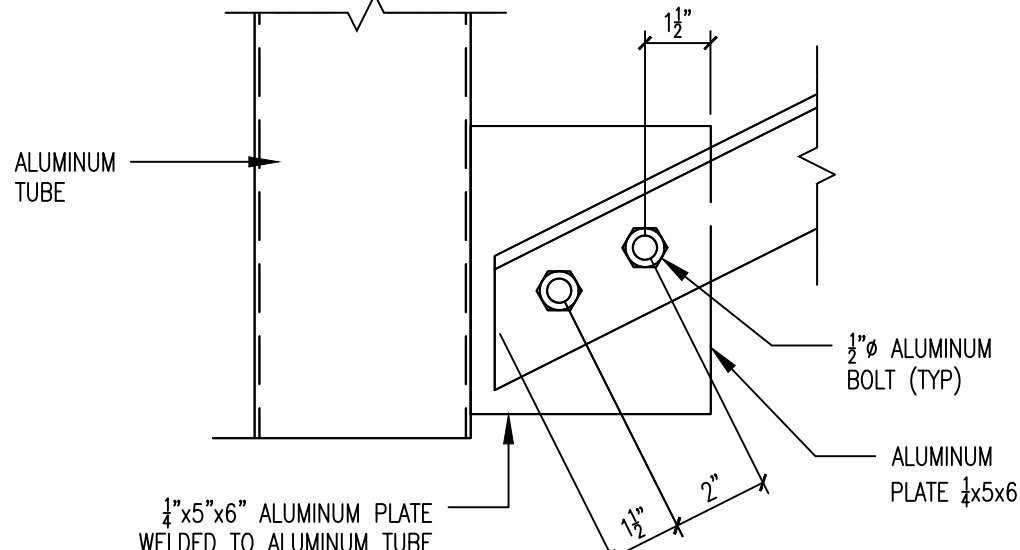
1 SECTION AT BASE OF EXTENDED UPRIGHTS
S4 3/4" = 1'-0"



2 SECTION
S4 3' = 1'0"



3
S4



4
S4

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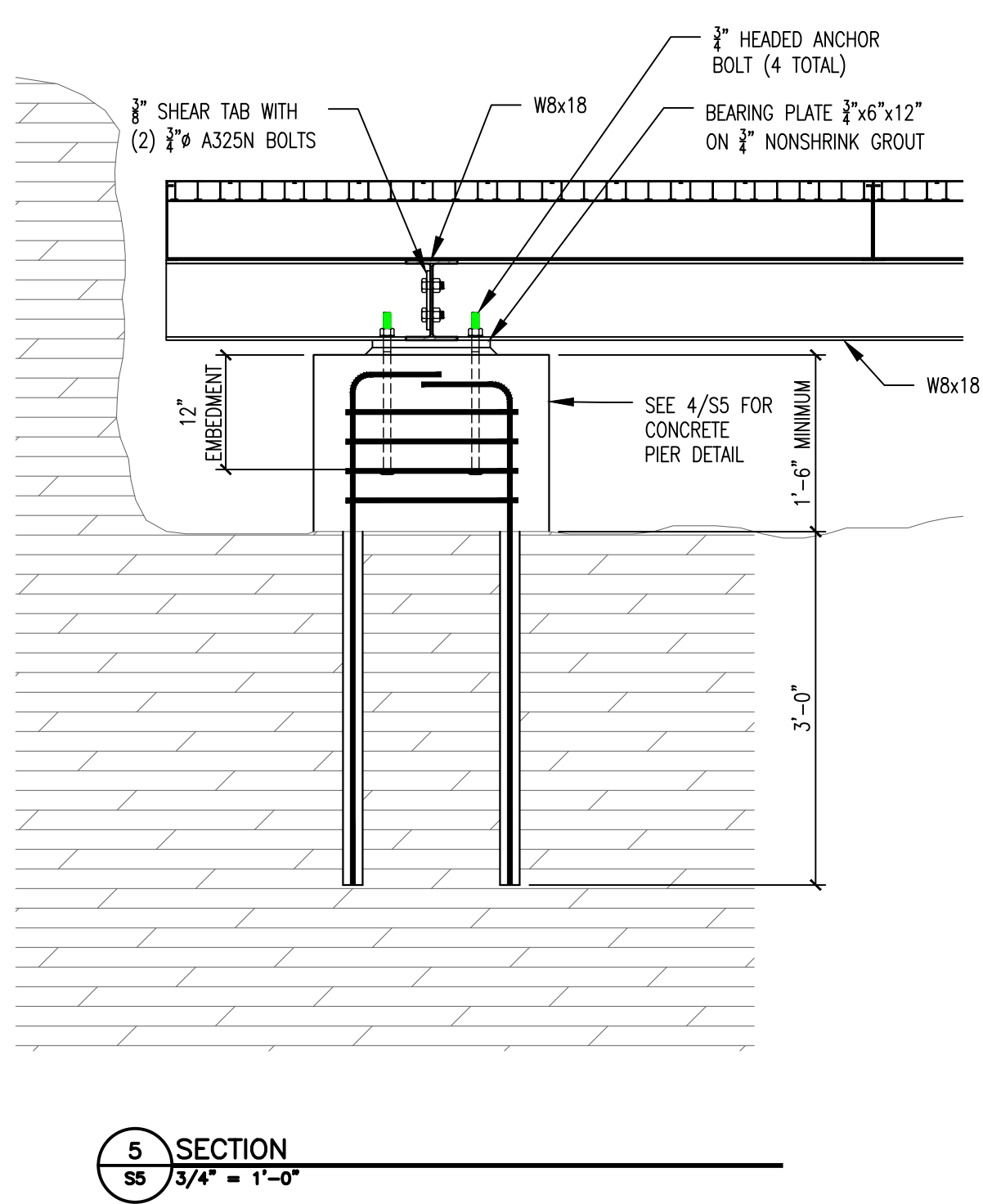
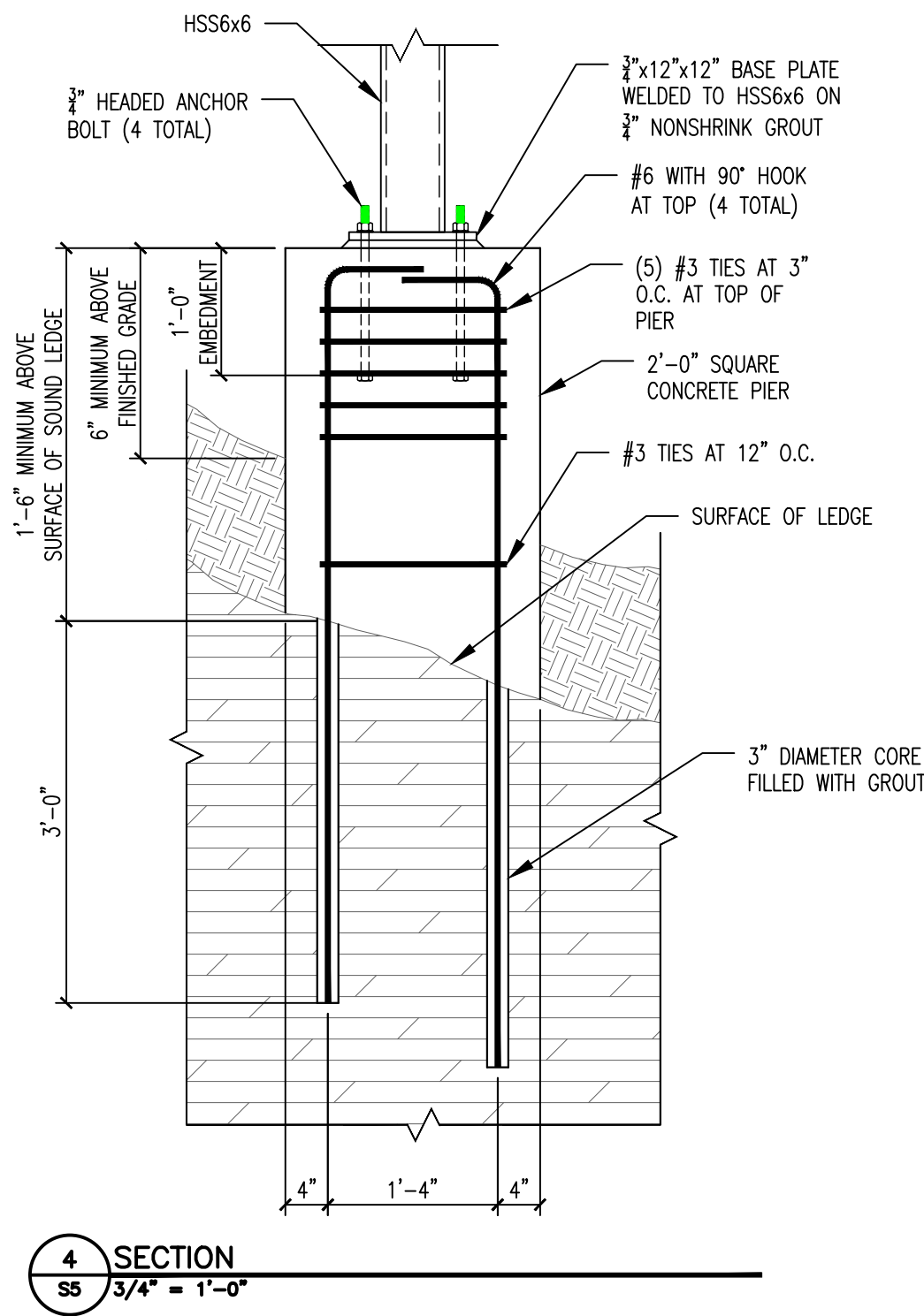
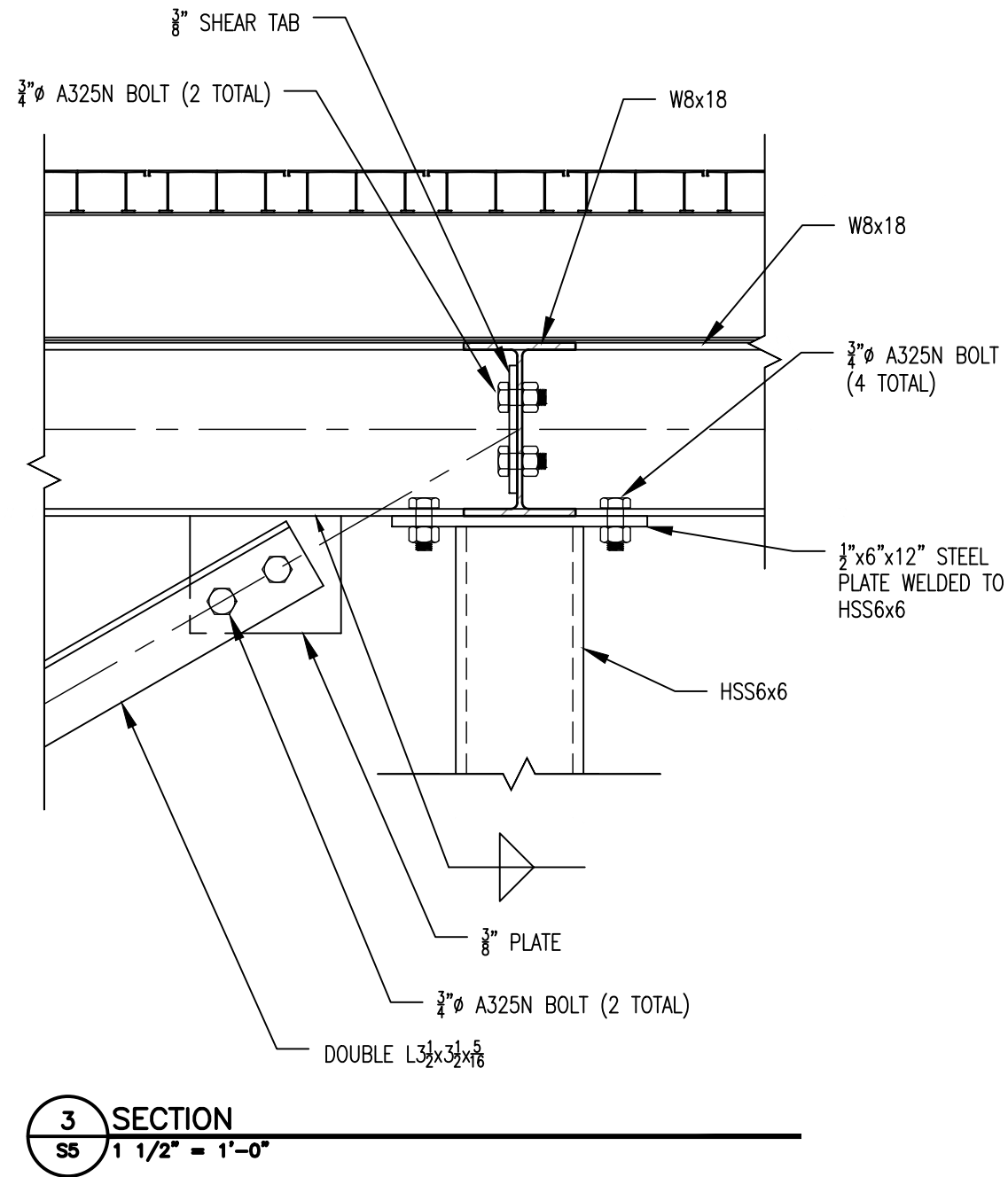
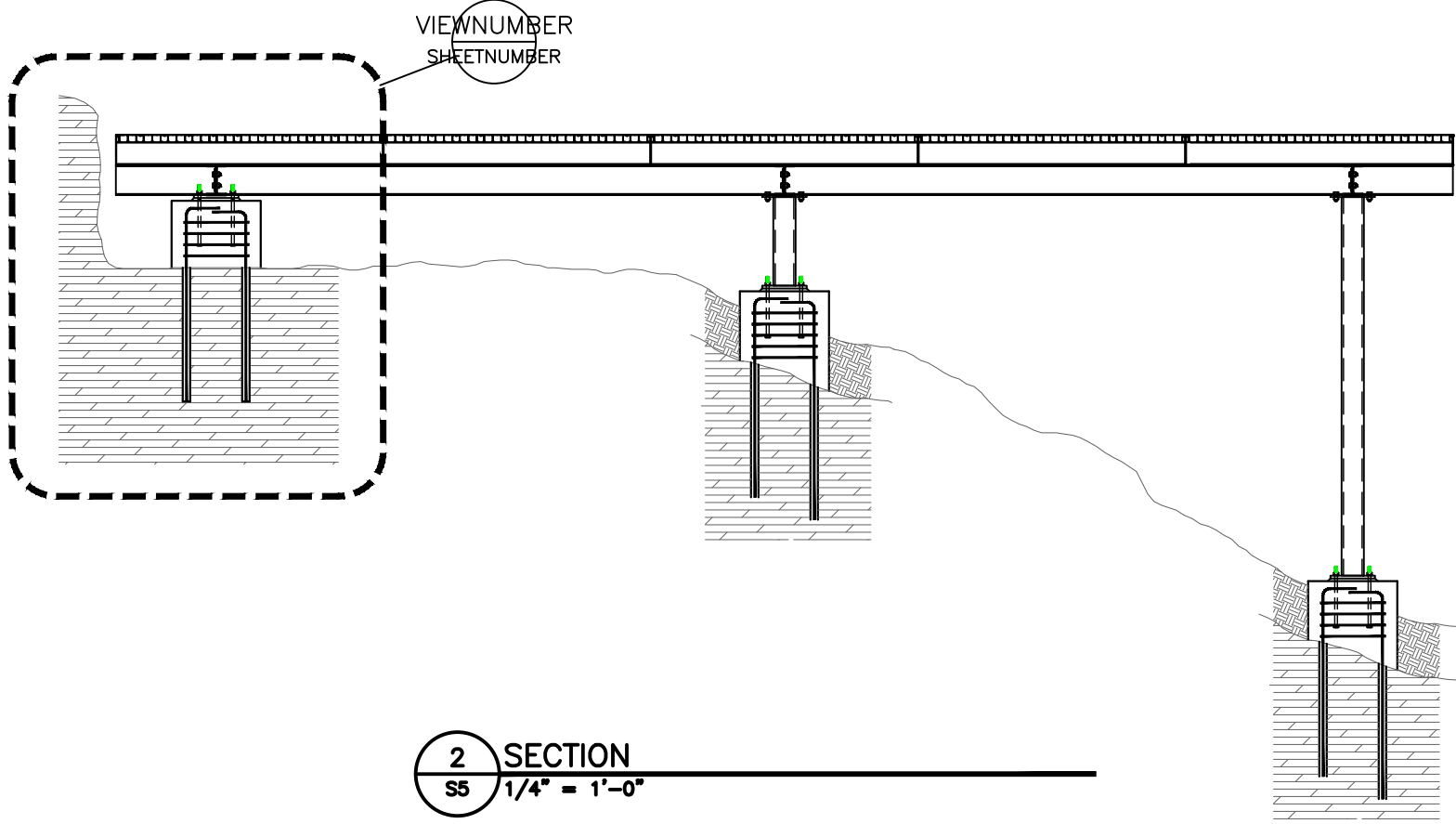
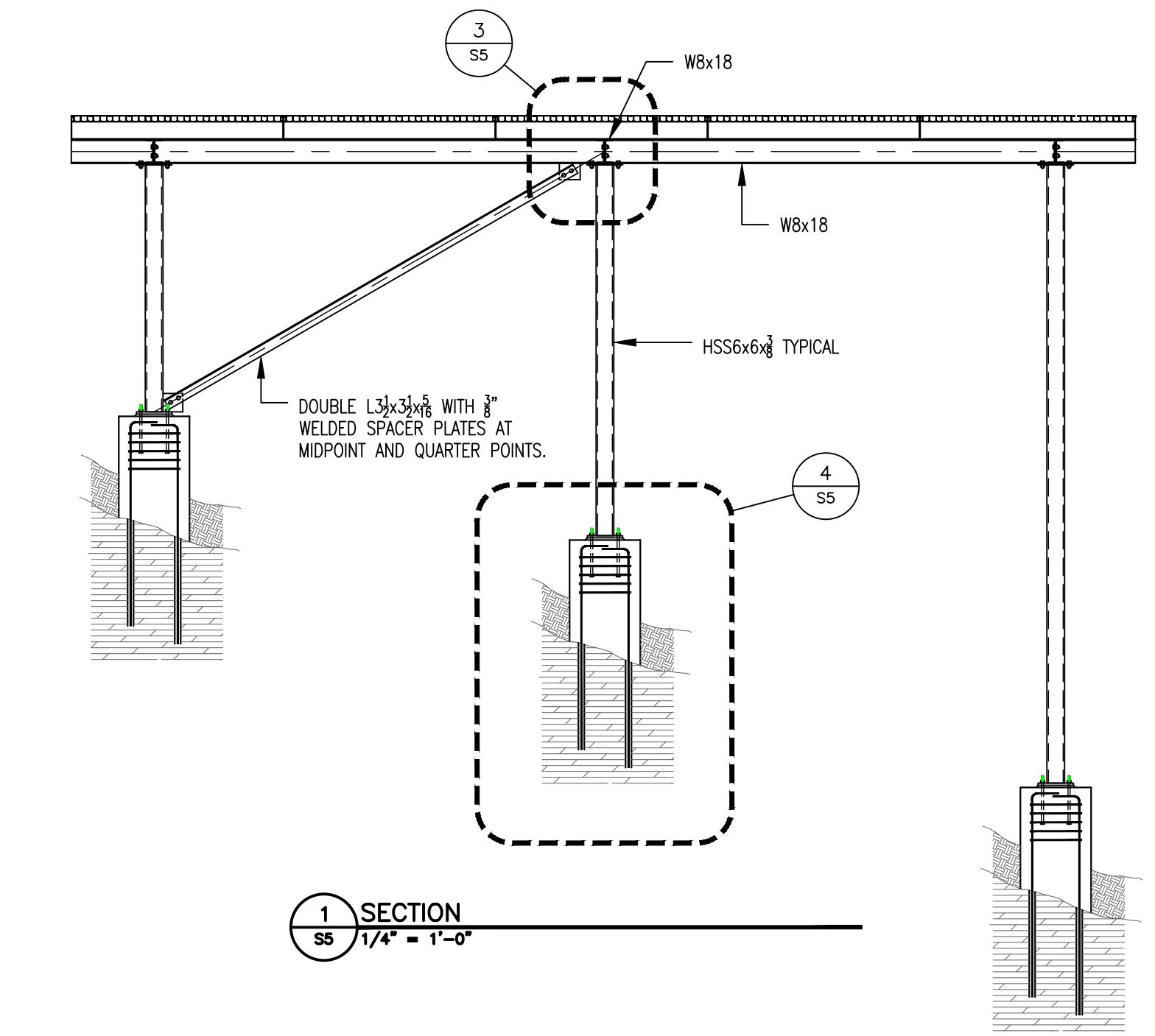
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NO	DATE	BY	CHK

NEW PLATFORM TENNIS COURTS
ARDSLEY COUNTRY CLUB
100 N MOUNTAIN DR, DOBBS FERRY, NY

SCALE: AS NOTED	DATE: 02/01/2022
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CAD FILE NAME:	

SECTIONS AND DETAILS

S4



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NO	DATE	BY	CHK

NEW PLATFORM TENNIS COURTS
ARDSLEY COUNTRY CLUB
100 N MOUNTAIN DR, DOBBS FERRY, NY

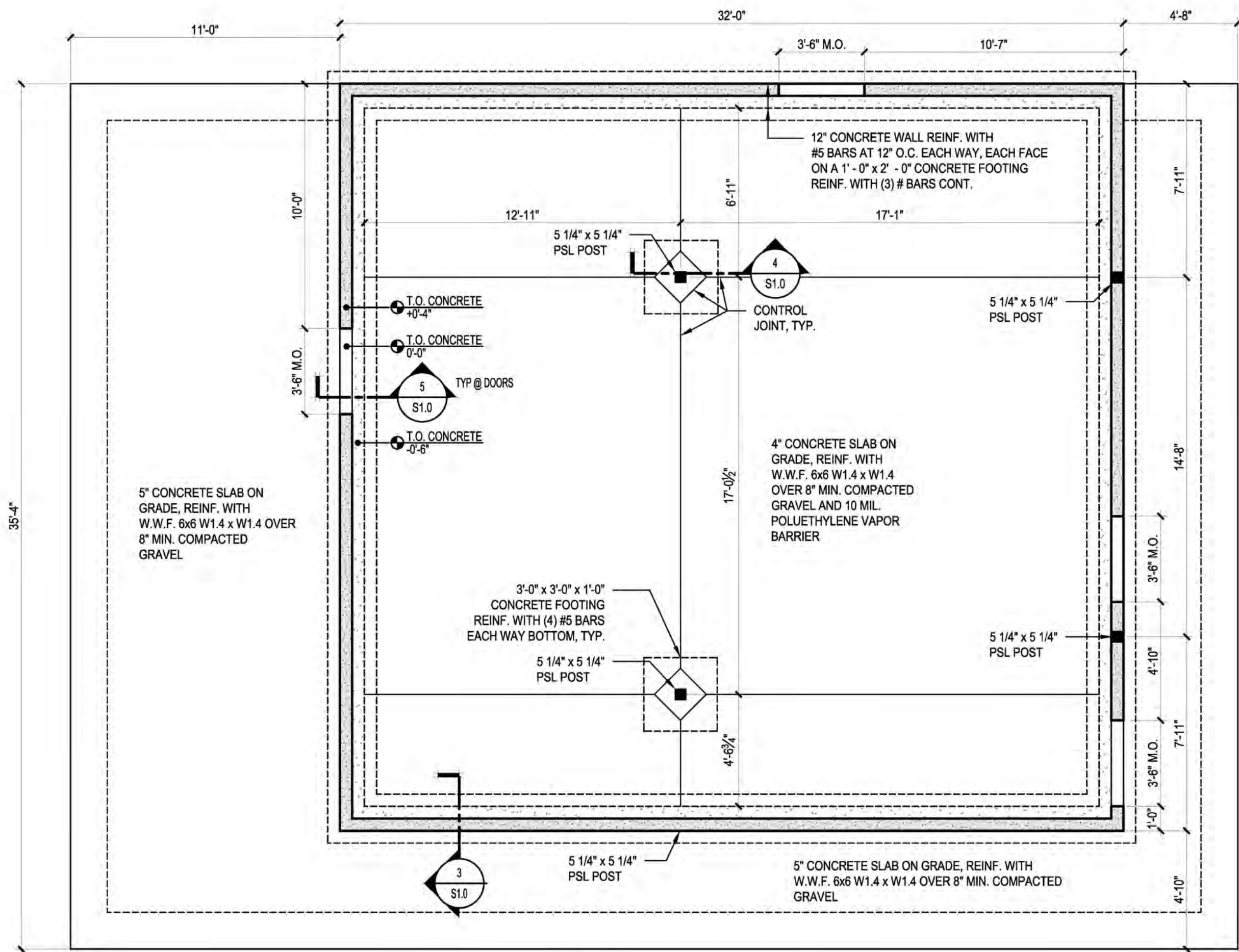
SCALE: AS NOTED	DATE: 02/01/2022
DWN. BY: MWH	CKD. BY: MWH
KCE PROJECT #: 21243	
CAD FILE NAME:	

SECTIONS AND DETAILS

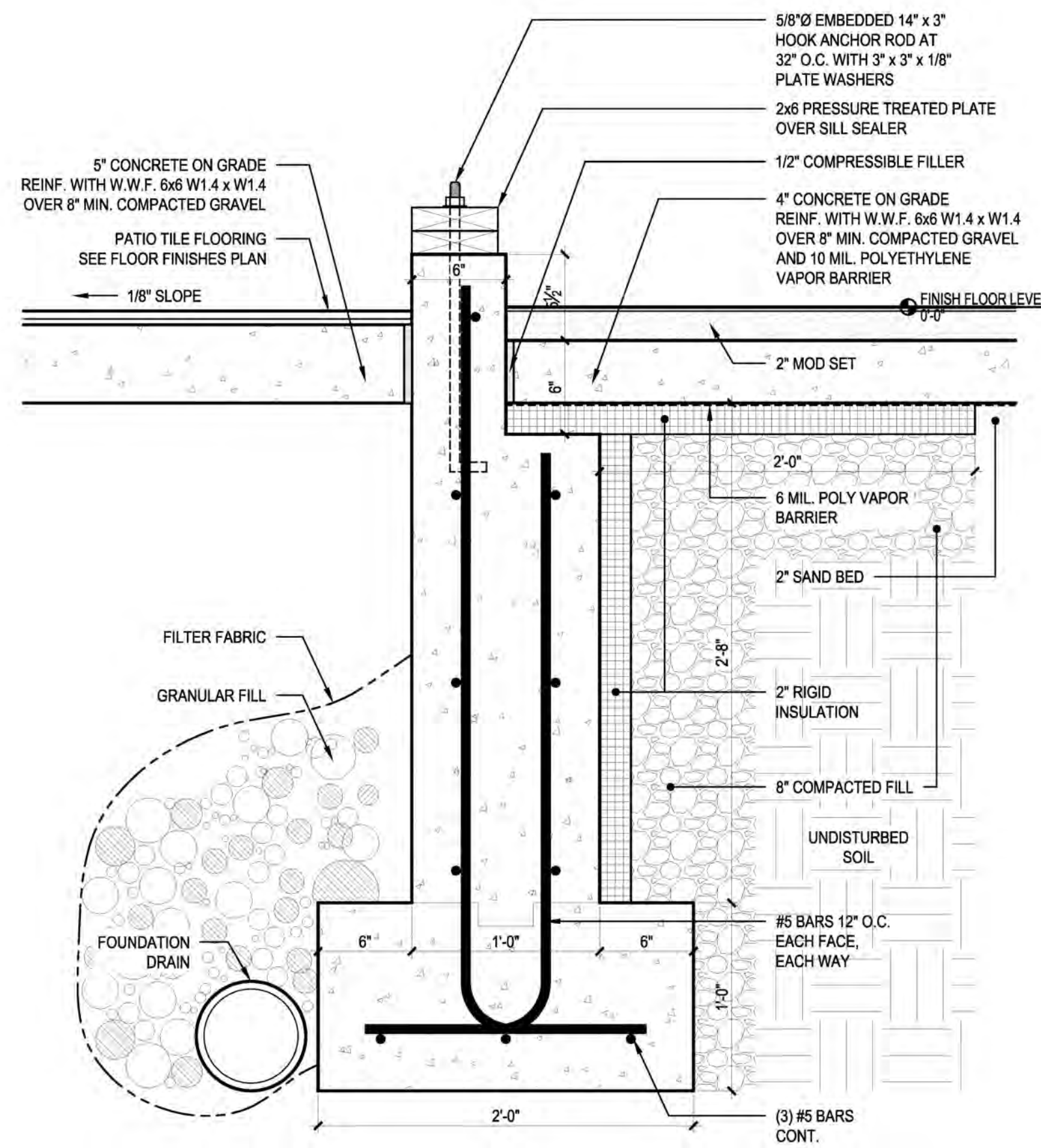
S5



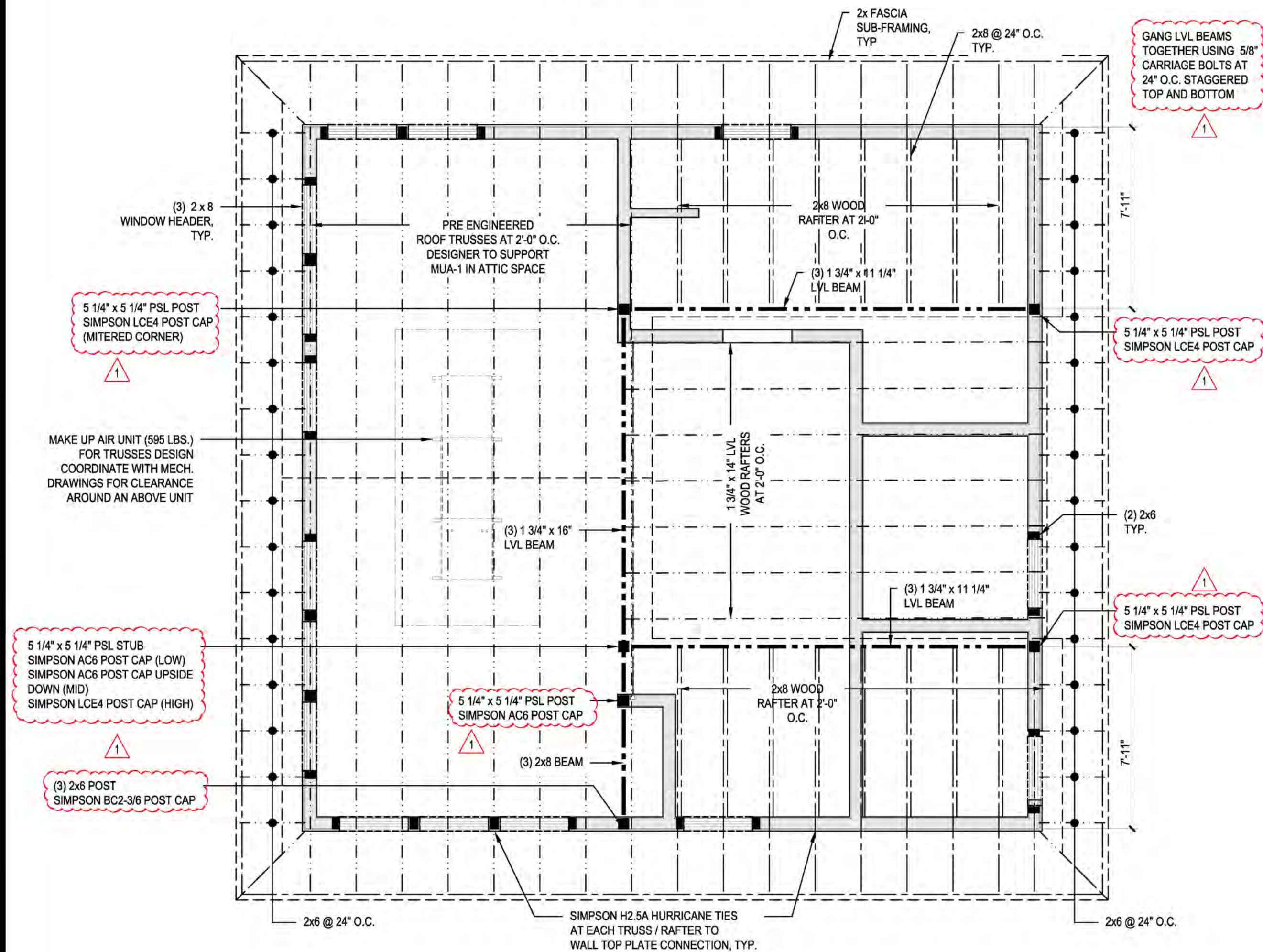




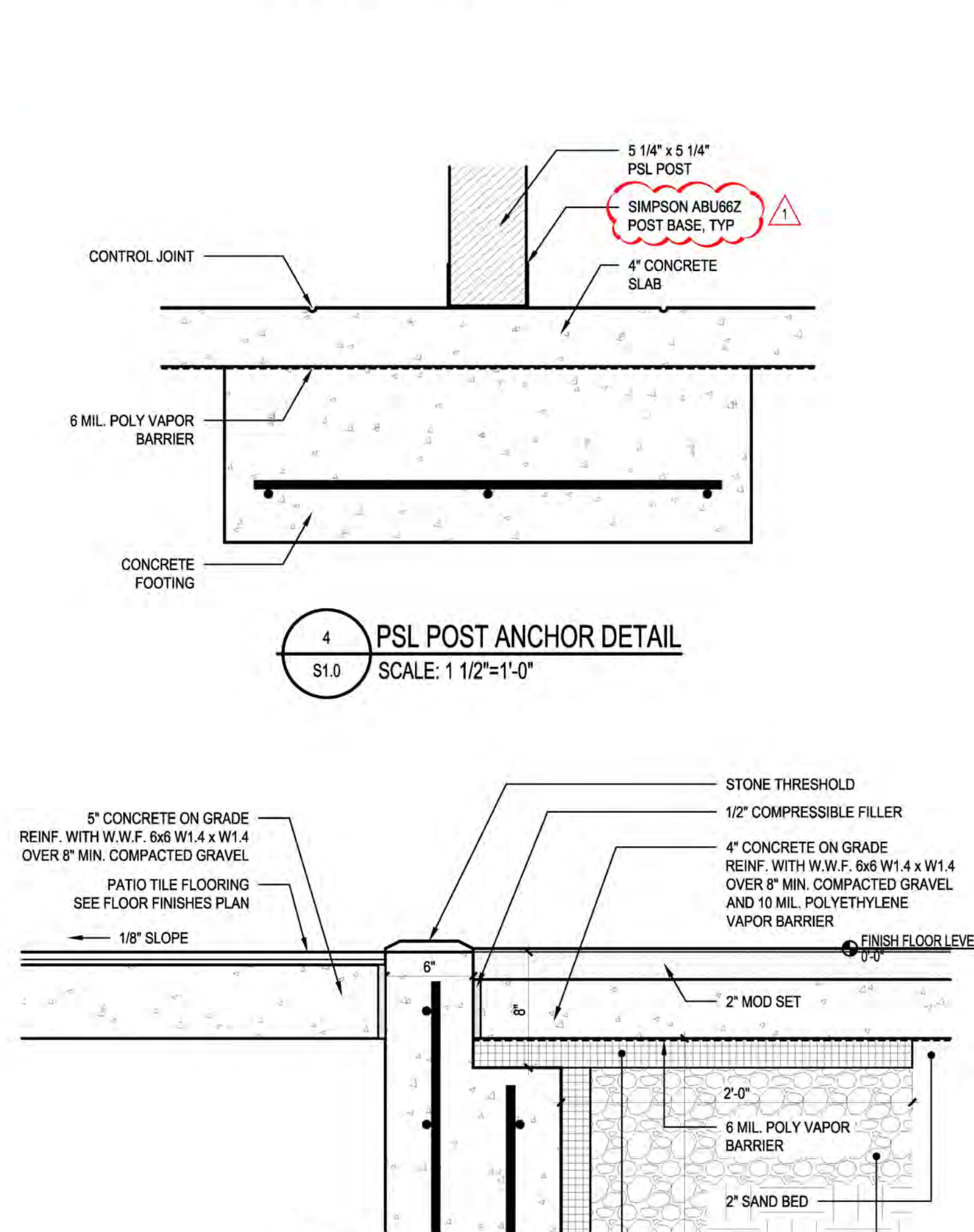
1 FOUNDATION PLAN
S1.0 SCALE: 1/4"=1'-0"



3 FOUNDATION WALL DETAIL
S1.0 SCALE: 1 1/2"=1'-0"



2 ROOF FRAMING PLAN
S1.0 SCALE: 1/4"=1'-0"



5 EXTERIOR DOOR THRESHOLD DETAIL
S1.0 SCALE: 1 1/2"=1'-0"

GENERAL STRUCTURAL NOTES

General:

- All work shall conform to the requirements of the New York State Building Code (IBC 2018).

Design Loads:

Snow.....	30 p.s.f. basic + Drift
Wind.....	114 mph, Ultimate, Exposure B
Seismic:	
SS.....	0.297
SI.....	0.061
Site Class.....	D
Frost Protection.....	3'-6"
Building/Risk Category.....	II
Snow Importance Factor.....	1.0
Wind Importance Factor.....	1.0
Seismic Importance Factor.....	1.0

Roof Truss Loads:

Top Chord:	
Snow Load.....	30 p.s.f. basic + Drift
Superimposed Dead Load.....	10 p.s.f.
Wind Load.....	114 mph, Ultimate, Exposure B
Bottom Chord:	
Live Load.....	40 p.s.f. (maintenance))
Superimposed Dead Load.....	10 p.s.f.
Make Up Air Unit weight.....	595 lbs. (36" x 106")

Foundation:

- The bottom surface of continuous and spread footings shall bear on undisturbed virgin soil, bedrock, or structural fill having a minimum allowable bearing pressure of 3,000 psf.
- The bottom of footings shall match the existing adjacent footing, but shall be a minimum of 3'-6" below finish grade. Elevations given as bottom of footings are minimum depths, and are not to be construed as limiting in any way to the depth of excavation required to reach suitable bearing material.
- Where unsuitable bearing materials exist the contractor shall excavate such material and replace it with a clean compacted granular fill. Compact all granular fill to 95% maximum dry density.
- No foundations shall be placed in water or on frozen ground.
- Bottom of footing excavation shall be finished by hand and inspected prior to placement of concrete.
- Where foundations are to have fill on both sides, each side shall be filled simultaneously, maintaining a common elevation.
- Contractor shall provide continuous control of surface and underground water as required during construction such that work is done in the dry. Contractor shall insure that groundwater levels under adjacent structures are not lowered by his construction techniques.
- Within the building area and 5 feet beyond, each side, any unsuitable organic soils and existing fill shall be removed, until suitable material is encountered and replaced with compacted granular fill.

Cast-In-Place Concrete:

- All concrete work shall conform to the latest edition of the ACI Building Code requirements for reinforced concrete (ACI-318).
- Details not shown shall be in accordance with the ACI detailing manual.
- Concrete shall not be cast in water or on frozen ground.
- Concrete shall be proportioned, mixed and placed in accordance with ACI 318 & 301 and shall have a minimum compressive strength at 28 days of the following:
 - Foundation: 3000 PSI
 - Slab on grade: 4000 PSI
- Clear concrete cover over reinforcing shall be as follow (See ACI 318 for conditions not noted):
 - 3 inches Footings
 - 1-1/2 inches Wall and Piers (u.n.o.)
- Provide total air entrainment of 6% (+/-) for all concrete exposed to weather.
- All reinforcing steel shall be held rigidly and accurately in place. Bars to be securely wired together and protected against displacement before and during placement of concrete.
- Bars shall be new billet steel conforming with ASTM A615 grade 60.
- Details and accessories for reinforcing shall be in accordance with ACI current edition.
- Reinforcing steel shall be lapped a minimum of 40 bar diameters unless noted otherwise.
- Where continuous bars are called for, they shall run continuously around corners and be lapped at necessary splices, or hooked at discontinuous ends.
- Welded wire fabric shall conform to ASTM A185 and be lapped 6".

Conventional Wood Framing:

- Unless otherwise noted, all sawn lumber framing members shall be Hem-Fir (as graded by NLGA), grade no.1/no.2 or better. Minimum properties to be in accordance with table 4a of the 2018 edition of the "National Design Specification for Wood Construction" supplement.
- All "LVL" members shall have the following minimum properties:
 - E = 1,900,000 psi
 - Fb = 2600 psi
 - Fc (perpendicular) = 750 psi
 - Fc (parallel) = 2310 psi
 - Fv = 285 psi
- Unless otherwise noted, all nailing and fastening shall be in accordance with table 2304.9.1 of the 2015 IBC.
- Unless otherwise noted, structural bearing and shear walls to be 2x (see plan for sizes) @ 16" o.c. Provide (2) 2x full height studs @ each side of openings and (2) 2x jack studs under headers and beams. See notes for wall sheathing and nailing pattern at shear walls.
- Provide Simpson framing anchors at all roof truss-to-top plate connections as indicated on drawing. Nail in accordance with manufacturer's instructions.
- All openings shall be framed with double members unless otherwise noted on plans.

Wood Roof Truss System

- The wood truss manufacturer shall design and fabricate the entire roof as a system. This includes overhangs, openings, and connections. Coordinate with Architectural drawings for all details and dimensions not part of the structural drawings.
- Truss design, fabrication, and erection shall be in accordance with the Truss Plate Institute's specifications and recommendations.
- Submit shop drawings prepared by a professional engineer registered in the state of New York for approval. The shop drawings shall include the following:
 - Wood truss framing layout with all members labeled and cross referenced to any other shop drawing submitted. Include all reactions.
 - Design data and calculations indicating conformance with the contract drawings.
 - Connections.

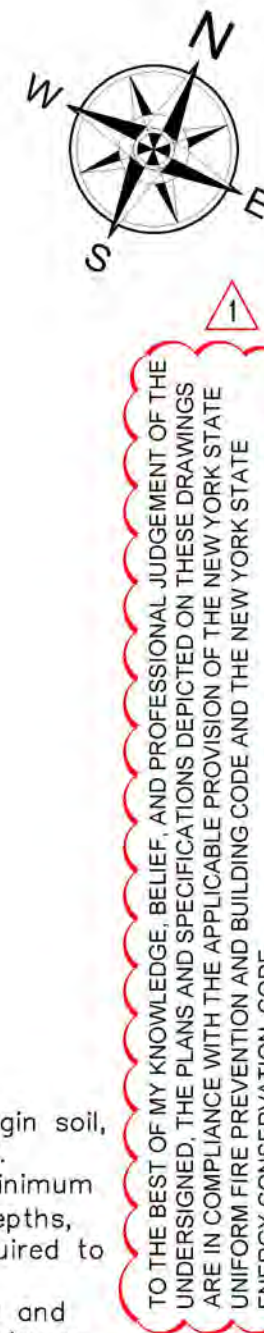
Shear Wall Panels / Roof Diaphragm

- Roof diaphragm shall be 3/4" APA rated sheathing on wood roof trusses and or conventional wood framing members. All sheathing edges to be nailed with 8d nails @ 6" o.c. Nail sheathing with 8d nails @ 10" o.c. at intermediate supports.
- Shear wall panels shall be 1/2" APA rated sheathing on wood stud framing members. All sheathing edges to be nailed with 8d nails @ 6" o.c. Nail sheathing with 8d nails @ 10" o.c. at intermediate supports.
- Anchor bottom plate with 5/8" dia. hooked anchor rods with 3"x3"x1/8" plate washers at 32" o.c. into foundation wall.
- All exterior walls to be constructed as shear wall panels.

Quality Assurance (Testing & Inspections):

- The owner will engage the services of an independent testing and inspection agency (Inspector) to perform inspection and testing requirements on the following materials:
 - Earthwork
 - Cast-in-place concrete
 - Wood Framing

These tests and inspections are for quality assurance audits and their implementation does not relieve the contractor or subcontractors of their responsibility for quality control of their work.



CERTIFICATION
THIS DRAWING IS PART OF AN ARCHITECTURAL PROJECT CONTRACT DOCUMENTS.
REFER TO ALL DRAWINGS AND SPECIFICATIONS INCLUDING BUT NOT LIMITED TO GENERAL CONDITIONS, NOTES, SCHEDULES, AND APPLICABLE MANUFACTURER'S TECHNICAL SPECIFICATIONS.
REFER TO ALL OF THE DRAWINGS FOR THE PROJECT. THIS DRAWING IS NOT TO BE SCALED AND/OR USED AS AN AS-BUILT.

CONSULTANT LOG:

REVISIONS

No.	DATE	DESCRIPTION
1	5/25/22	BUILDING DEPT REVIEW



FOUNDATION & ROOF FRAMING PLANS
AND GENERAL STRUCTURAL NOTES



JEFFERSON GROUP ARCHITECTURE, INC.
700 School Street Unit 2
Pawtucket, RI 02860
Phone: (401) 721-0977 Fax: (401) 721-2328

JOB NUMBER: 2021-08
DRAWN BY: MRH / DF
CHECKED BY: BD / CH
DATE ISSUED: 12-17-2021
SCALE: NOTED

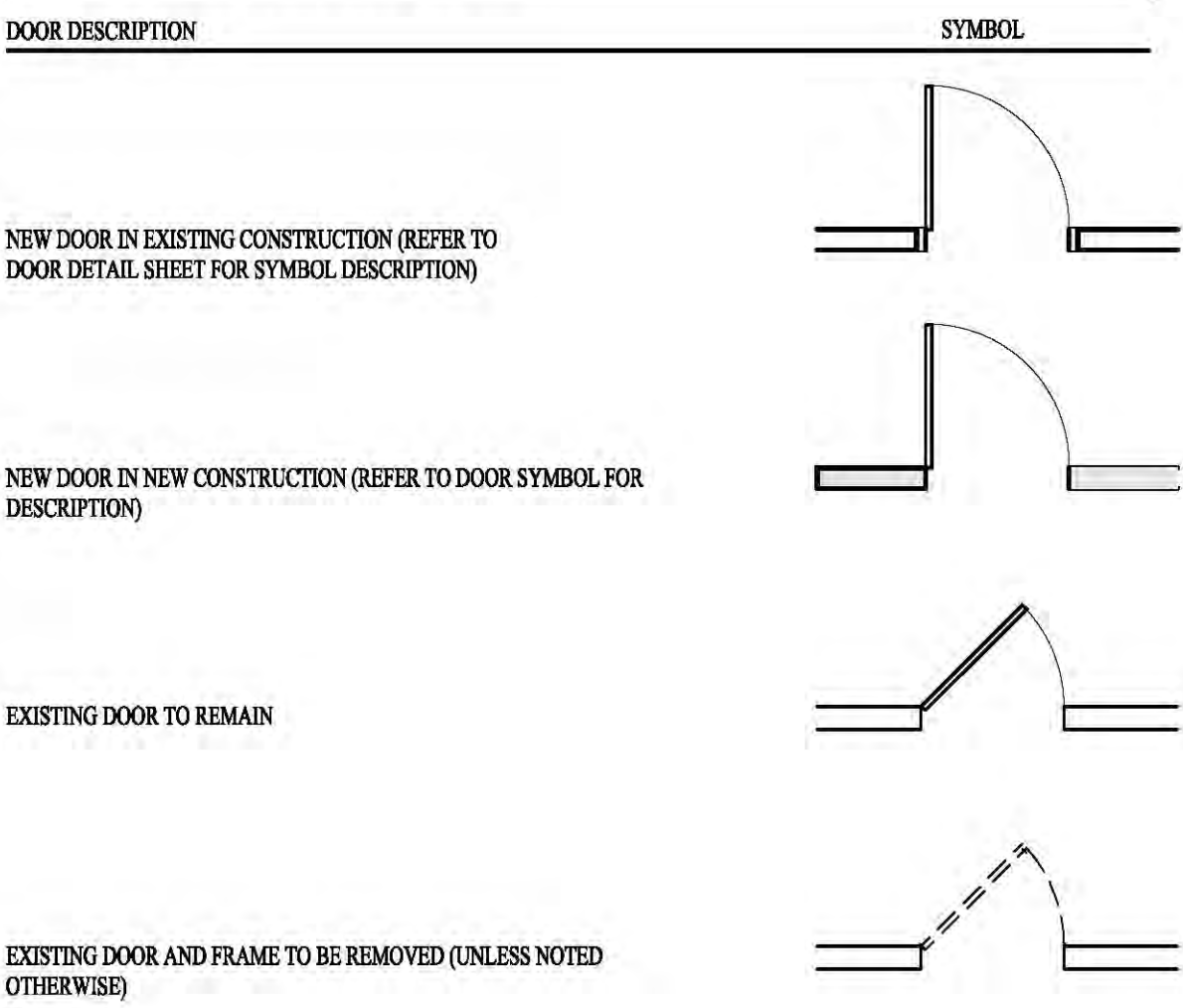
SHEET NUMBER:
S1.0
TURN BUILDING

ISSUED FOR BIDDING & PERMIT: DECEMBER 17, 2021

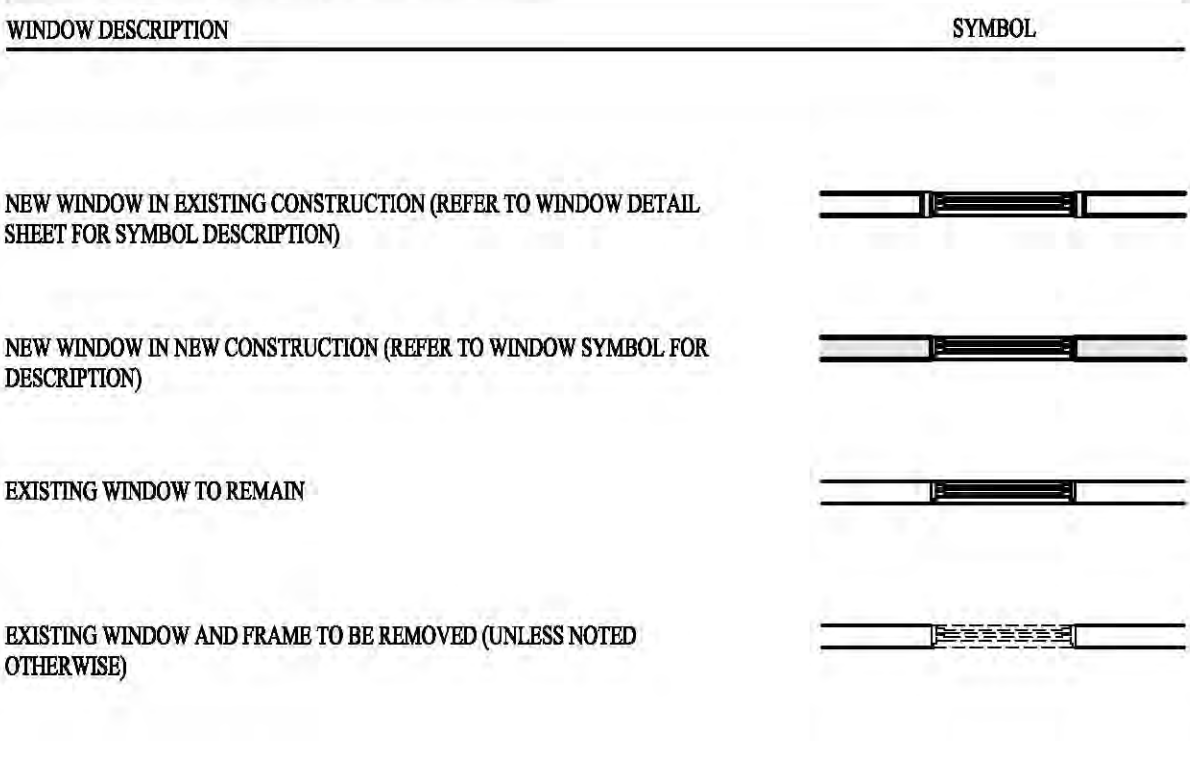
STANDARD ABBREVIATIONS

ABBREVIATION	DESCRIPTION	ABBREVIATION	DESCRIPTION	ABBREVIATION	DESCRIPTION	ABBREVIATION	DESCRIPTION
&	AND	EQ	EQUAL	MFG	MANUFACTURE (ER)	RT	RUBBER TILE
<	ANGLE	EQUIP	EQUIPMENT	MRB	MARBLE	RS	RUBBER STONE
@	AT SPACING OF	EXIST	EXISTING	MAS	MASONRY		
⊙	CENTER LINE	EXP JT	EXPANSION JOINT	MO	MASONRY OPEN	SFGL	SAFETY GLASS
#	NUMBER	EXT	EXTERIOR	MTL	MATERIAL	SCH	SCHEDULE
x	WIDTH x HEIGHT			MAX	MAXIMUM	SCRN	SCREEN
W/	WITH	FOB	FACE OF BLOCK	MECH	MECHANIC (AL)	SCUP	SCUPPER
AFF	ABOVE FINISH FLOOR	FOC	FACE OF CONCRETE	MBR	MEMBRANE	SLNT	SEALANT
ADH	ADHESIVE	FOF	FACE OF FINISH	MTL	METAL	STG	SEATING
ADJ	ADJUSTABLE	FOM	FACE OF MASONRY	MT	METAL THRESHOLD	SEC	SECTION
A/C	AIR CONDITIONER	FOS	FACE OF STUDS	MIN	MINIMUM	SS	SERVICE SINK
AFS	ABOVE FINISH SLAB	FAS	FASTEN, FASTENER	MIR	MIRROR	SHTH	SHEATHING
ALUM	ALUMINUM	FBD	FIBERBOARD	MISC	MISCELLANEOUS	SHT	SHEET
AB	ANCHOR BOLT	FGL	FIBERGLASS	MLD	MOLDING	SH	SHELF, SHELIVING
ARC	ARCHITECT, ARCHITECTURAL	FIN	FINISH	MTD	MOUNTED	SHNG	SHINGLE
AD	AREA DRAIN	FE	FIRE EXTINGUISHER	MTG	MOUNTING	SHU	SHUTTER
		FEC	FIRE EXTINGUISHER CABINET	MULL	MULLION	SIDG	SIDING
		FIXT	FIXTURE			SIM	SIMILAR
BL	BASE LINE	FLG	FLASHING	NR	NOISE REDUCTION	SK	SINK
BSMT	BASEMENT	FLR	FLOOR(ING)	NOM	NOMINAL	SKL	SKYLIGHT
BM	BEAM	FD	FLOOR DRAIN	N	NORTH	SLV	SLEEVE
BVL	BEVELED	FLUR	FLUORESCENT	NIC	NOT IN CONTRACT	SLP	SLOPE
BEY	BEYOND	FLJ	FLUSH JOINT	NTS	NOT TO SCALE	SOL	SOLDIER
BIT	BITUMINOUS	FTG	FOOTING	NO	NUMBER	SC	SOLID CORE
BLK	BLOCK					SP	SOUNDPROOF
BLKG	BLOCKING	FDN	FOUNDATION	OC	ON CENTER	S	SOUTH
BRK	BRICK	FR	FRAME (D) (NG)	OP	OPAQUE	SPEC	SPECIFICATION
BS	BOTH SIDES	FS	FULL SIZE	OPG	OPENING	SPH	SPLASH
BOT	BOTTOM	FUR	FURRED (ING)	OPH	OPPOSITE HAND	SQ	SQUARE
BRD	BOARD			OD	OUTSIDE DIAMETER	S/S	STAINLESS STEEL
BLDG	BUILDING			OA	OVERALL	STD	STANDARD
BB	BULLETIN BOARD					STA	STATION
		GA	GAGE, GAUGE	PNT	PAINT (ED)	ST	STEEL
CAB	CABINET	GV	GALVANIZED	PNL	PANEL (ING)	STOR	STORAGE
CAN	CANVAS	GC	GENERAL CONTRACTOR	PB	PANIC BAR	SF	STOREFRONT
CSMT	CASEMENT	GL	GLASS, GLAZING	PAR	PARALLEL	STRUCT	STRUCTURAL
CSWK	CASEWORK	GB	GRAB BAR	PAR	GRADE, GRADING	SUBFLR	SUBFLOOR
CI	CAST IRON	GRN	GRANITE	PRPT	PARAPET	SUSP	SUSPEND
CB	CATCH BASIN	GVL	GRAVEL	PBD	PARTICLE BOARD	SYS	SYSTEM
CLG	CEILING	GRT	GROUT	PART	PARTITION		
CHAM	CHAMFER	GRD	GUARD	PERF	PERFORATE (ED)	TKBD	TACK BOARD
CHIM	CHIMNEY	GUT	GUTTER	PLA	PLASTER	TEL	TELEPHONE
CH	CIRCLE	GYP	GYPSTUM	PLA	PLASTIC	TV	TELEVISION
CLR	CLEAR, CLEARANCE	GWB	GYPSTUM WALL BOARD	PLAM	PLASTIC LAMINATE	TIG	TEMPERED, INSULATED GLASS
CO	CASID OPENING			PL	PLATE	TZ	TERRAZZO
CLS	CLOSER	HC	HANDICAP	PG	PLATE GLASS	THK	THICK (NESS)
CLO	CLOSET	HRL	HANDRAIL	PLMG	PLUMBING	THRES	THRESHOLD
COL	COLUMN			PLYWD	PLYWOOD	TBR	TO BE RELOCATED
COMB	COMBINATION	HWD	HARDWOOD	PT	POINT	TBR	TO BE REMOVED
COM	COMMON	HRD	HEADER	PVC	POLYVINYL CHLORIDE	TPTN	TOILET PARTITION
CONC	CONCRETE	HTG	HEATING	PCF	POUNDS PER CUBIC FOOT	TOL	TOLERANCE
CMU	CONCRETE MASONRY OPENING	HVAC	HEATING/VENTILATING/AIR	PLF	POUNDS PER LINEAR FOOT	T&G	TONGUE AND GROOVE
CONST	CONSTRUCTION			PSF	POUNDS PER SQUARE FOOT	T O SL	TOP OF CONCRETE SLAB
CONIT	CONTINUOUS	HD	HEAVY DUTY	PSI	POUNDS PER SQUARE INCH	TOJ	TOP OF JOIST
CONTR	CONTRACT, CONTRACTOR	HT	HEIGHT	PCC	PRECAST CONCRETE	TOP	TOP OF PLATE
CJ	CONTROL JOINT	HP	HIGH POINT	PREFAB	PREFABRICATE (ED)	TOS	TOP OF STEEL
CPR	COPPER	HCR	HOLLOW CORE	PRF	PREFINISHED	T O SFRL	TOP OF SUBFLOOR
COORD	COORDINATE	HORIZ	HORIZONTAL	PREM	PREMOULDING	TOW	TOP OF WALL
CG	CORNER GUARD	HR	HOSE BIB	PL	PROPERTY LINE	TOR	TO REMAIN
CORR	CORRUGATED					TB	TOWEL BAR
CNTR	COUNTER	INCAN	INCANDESCENT	RBT	RABBET	TR	TREAD
CS	COUNTERSINK	ID	INSIDE DIAMETER	RAD	RADIUS	TYP	TYPICAL
CRS	COURSE	INS	INSULATE (ED) (ING)	RFT	RAFTER		
C.R.	CURTAIN ROD	IGL	INSULATING GLASS	RL	RAIL (ING)	UC	UNDERCUT
C.TR.	CURTAIN TRACK	INSUL	INSULATION	RECP	RECEPTOR (ICAL)	UL	UNDERWRITERS LABORATORIES INC.
		INT	INTERIOR	REC	RECESS (ED)	UNO	UNLESS NOTED OTHERWISE
		INTM	INTERMEDIATE	REF	REFER (ENCE)	UR	URINAL
		INV	INVERT	RFL	REFLECT (ED) (IVE)	UTL	UTILITY
				REFRIG	REFRIGERATOR		
DRP	DAMPER	JC	JANITOR'S CLOSET	REG	REGISTER	VP	V-POINT
DP	DAMPPOOFING	JT	JOINT	REIN	REINFORCE (ED) (ING)	VB	VAPOR BARRIER
DE	DEAD LOAD	JF	JOINT FILLER	RECP	REINFORCED CONCRETE PIPE	VNR	VENEER
DEM	DEMOLISH, DEMOLITION	JST	JOIST	REM	REMOVE	VIF	VERIFY IN FIELD
DTL	DETAIL			REQ'D	REQUIRED	VERT	VERTICAL
DIAG	DIAGONAL	KPL	KICKPLATE	RES	RESILIENT	VG	VERTICAL GRAIN
DIA	DIAMETER	KIT	KITCHEN	RET	RETURN	VIN	VINYL
DIM	DIMENSION	KD	KNOCKDOWN	RETA	RETURN AIR	VB	VINYL BASE
DSP	DISPENSER			RVS	REVERSE (SIDE)		
DR	DOOR	LBL	LABEL	REV	REVISE (S) (ED)	WSCT	WAINSCOT (TING)
DN	DOWN	LAB	LABORATORY	RH	RIGHT HAND	WHTR	WATER HEATER
DS	DOWNSPOUT	LB	LAG BOLT	R	RISER	WP	WATERPROOFING
DTR	DRAPERY TRACK	LAM	LAMINATE (ED)	RVT	RIVET	WR	WATER RESISTANT
DWR	DRAWER	LAV	LAVATORY	R&S	ROD & SHELF	ABB	WATER STOP
DWG	DRAWING	LEN	LENGTH	RD	ROOF DRAIN	WST	WEATHERSTRIP (ING)
DF	DRINKING FOUNDATION	LT	LIGHT	RFH	ROOF HATCH	W	WEST
DRL	DRINK RAIL	LTL	LINTEL	RFG	ROOFING	WID	WIDTH, WIDE
		LL	LIVE LOAD	RM	ROOM	WIN	WINDOW
EA	EACH	LOC	LOCATE	RO	ROUGH OPENING	W/	WITH
E	EAST	LPT	LOW POINT	ROK	ROWLOCK	W/O	WITHOUT
ELEC	ELECTRICAL			RB	RUBBER BASE		
EP	ELECTRICAL PANEL						
EWC	ELECTRICAL WATER PANEL						
ELEV/IEL	ELEVATION						

DOOR GRAPHIC SYMBOLS



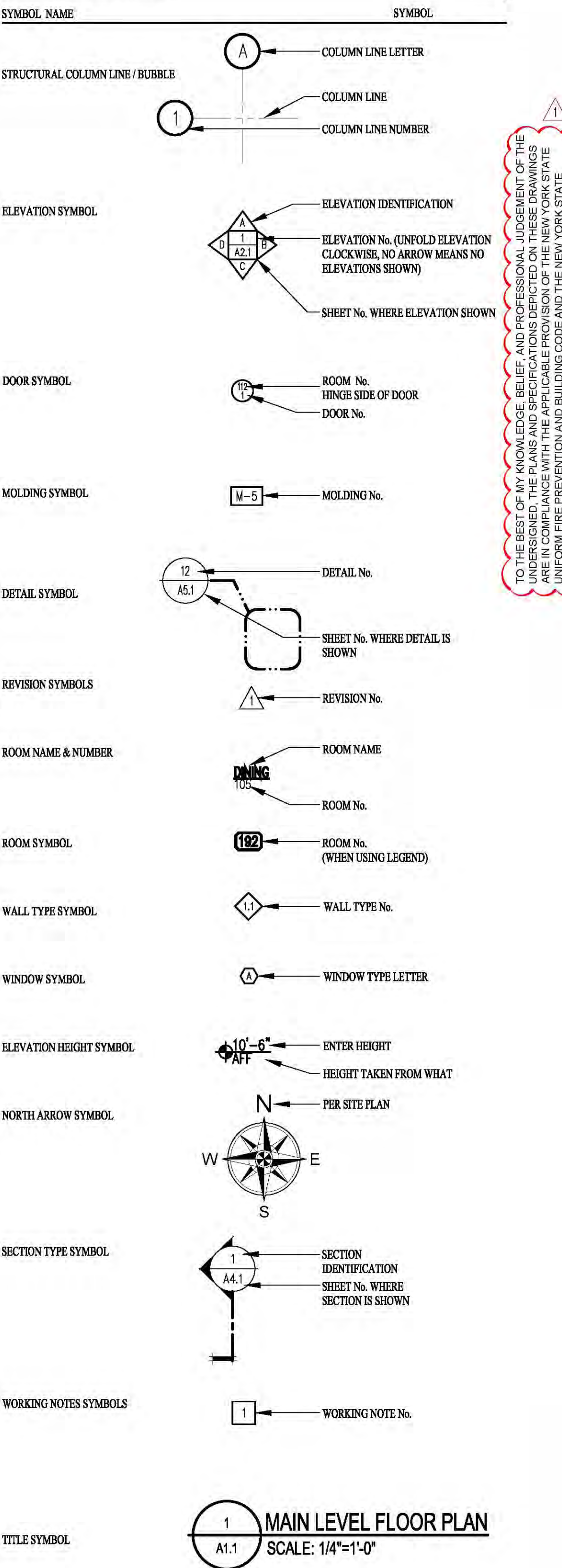
WINDOW GRAPHIC SYMBOLS



MATERIAL LEGEND

SYMBOL NAME	SYMBOL	SYMBOL NAME	SYMBOL
EARTH		WOOD ROUGHING (BLOCKING)	
CONCRETE		INSULATION (BLANKET)	
POROUS FILL		RIGID INSULATION	
BRICK (ELEVATION)		STRUCTURAL METAL	
CONCRETE MASONRY UNITS		EXISTING TO REMAIN	
PLYWOOD		EXISTING CONDITION TO BE REMOVED	
WOOD FINISH		NEW WALL	
WOOD ROUGH (CONTINUOUS)		KNEEWALL PARTITION (TOP FRAMING PLATE)	

GRAPHIC SYMBOLS



INTERIOR ABBREVIATIONS

1. INTERIOR ABBREVIATIONS ARE USED IN FINISH SYMBOLS AND SCHEDULES.
2. * # INDICATES THAT A NUMBER WILL FOLLOW FOR SCHEDULING

MATERIAL SYMBOL:	MATERIAL ACRONYM	FIXTURE, FURNISHING & EQUIPMENT SYMBOL:	F.F. & E. ACRONYM
ACRONYM	MATERIAL DESCRIPTION	ACRONYM	F.F.& E. DESCRIPTION
AS-#	ASPHALT SHINGLES	AWN-#	AWNINGS
AMP-C-#	ACOUSTICAL METAL PANEL CEILING	ART-#	ARTIFACTS AND FRAMED ART
APC-#	ACOUSTICAL PANEL CEILING	BAR-#	BAR EQUIPMENT
ATC-#	ACOUSTICAL TILE CEILING	BS-#	BLINDS, SHADES & INTERIOR SHUTTERS
AWF-#	AWNING FABRIC	CB-#	CABINET HARDWARE
C-#	CARPET	DC-#	DRAPERIES AND CURTAINS
CPT-#	CARPET TILE	FA-#	BEDDING, PILLOW ACCESSORIES, OR TABLE AND FLOOR LAMP
DG-#	DECORATIVE GLASS	FPS-#	FIRE PROTECTION SPECIALTIES
DST-#	DIMENSION STONE TILE	FURN-#	FURNITURE MISCELLANEOUS
EP-#	EXTERIOR PAINT	FURN-#	TABLE AND CHAIRS
ES-#	EXTERIOR STAIN	FURN-#	UPHOLSTERED FURNITURE
F-#	FABRIC	G-#	VINYL GRAPHICS
FM-#	ENTRY MAT	HDW-#	DOOR AND WINDOW HARDWARE
FT-#	FABRIC TRIM	KIT-#	KITCHEN EQUIPMENT
GB-#	GLASS BLOCK	LCKR-#	METAL LOCKER, WOOD LOCKER, OR PLASTIC LAMINATE LOCKER
HB-#	HANDRAIL BRACKET	MC-#	MANUFACTURED CASEGOODS
ISF-#	INTERIOR STONE FACING	MENU-#	MENU SYSTEM
L-#	HIGH PRESSURE DECORATIVE LAMINATE		
LMC-#	LINEAR METAL CEILING		

CERTIFICATION

THIS DRAWING IS PART OF AN ARCHITECTURAL PROJECT CONTRACT DOCUMENTS.

REFER TO ALL DRAWINGS AND SPECIFICATIONS INCLUDING BUT NOT LIMITED TO "GENERAL CONDITIONS", "SCHEDULES", "SPECIFICATIONS", "APPLICABLE MANUFACTURERS' TECHNICAL SPECIFICATIONS".

REFER TO ALL OF THE DRAWINGS FOR THE PROJECT FOR THE PROJECT. THIS DRAWING IS NOT TO BE SCALED AND/OR USED AS AN AS-BUILT.

CONSULTANT LOGO:

STUDIO JBD

STUDIO JBD, INC.
700 School Street Unit 2
Pawtucket, RI 02860
Phone: (401) 721-0977 Fax: (401) 721-0978

REVISIONS

No.	DATE	DESCRIPTION
1	3-3-22	BUILDING DEPT REVIEW

PROJECT NAME

ARDSLEY COUNTRY CLUB
198 NORTH MOUNTAIN DR
DOBBS FERRY, NY 10522

SHEET TITLE:

ARCHITECTURAL AND INTERIOR SYMBOLS AND ABBREVIATIONS

JGA ARCHITECTURE

JEFFERSON GROUP ARCHITECTURE, INC.
700 School Street Unit 2
Pawtucket, RI 02860
Phone: (401) 721-0977 Fax: (401) 721-2218

JOB NUMBER: 2021-08

DRAWN BY: MRH

CHECKED BY: WJJ

DATE ISSUED: 12-17-2021

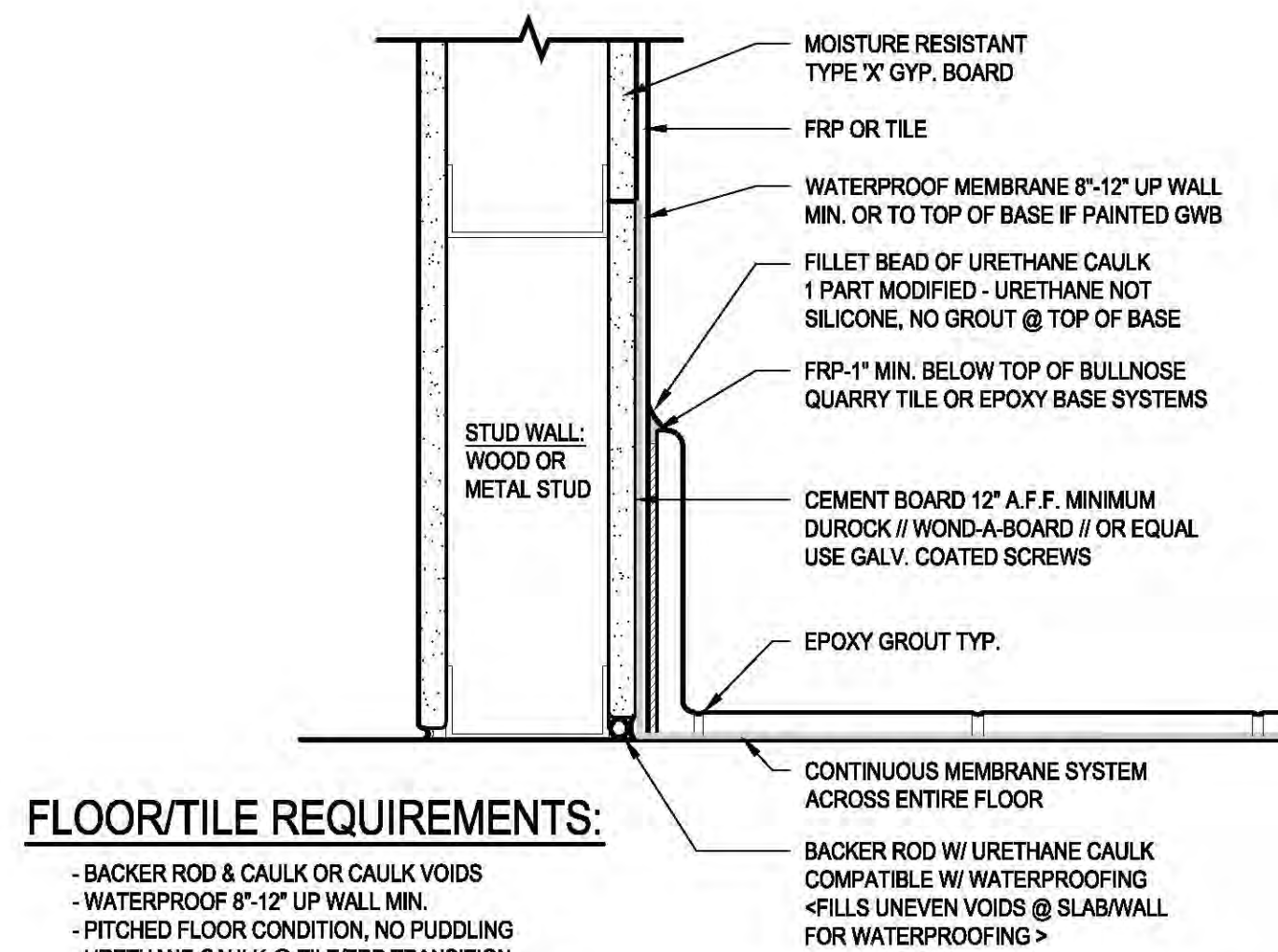
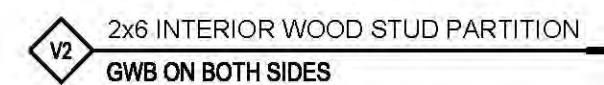
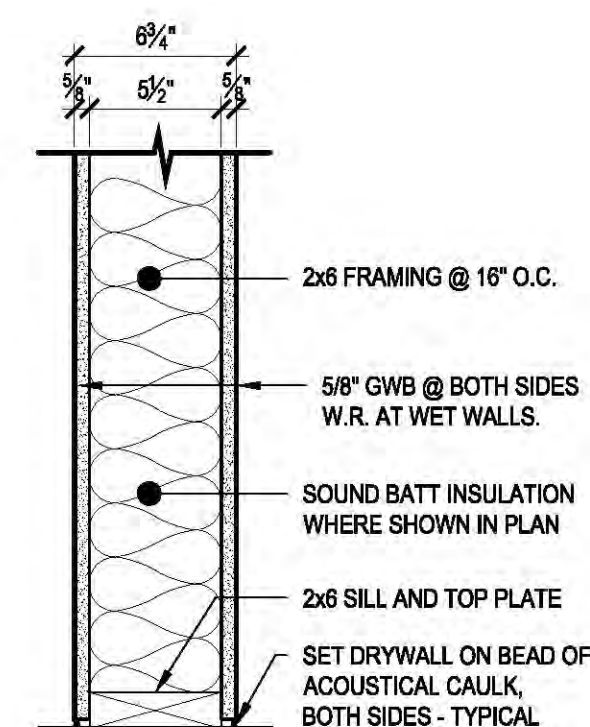
SCALE: NOTED

SHEET NUMBER:

G1.1

TURN BUILDING

ISSUED FOR BIDDING & PERMIT: DECEMBER 17, 2021



- BACKER ROD & CAULK OR CAULK VOIDS
- WATERPROOF 8"-12" UP WALL MIN.
- PITCHED FLOOR CONDITION, NO PUDDLING
- URETHANE CAULK @ TILE/FRP TRANSITION
(MODIFIED URETHANE CAULK @ ALL DISSIMILAR MATERIAL TRANSITIONS)

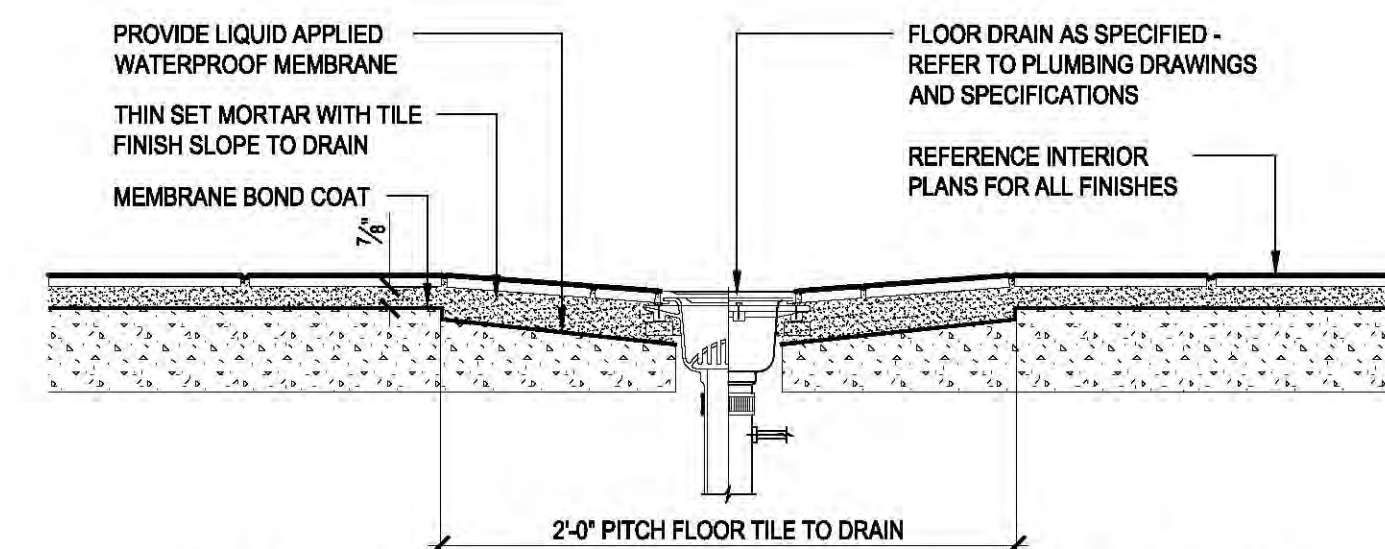
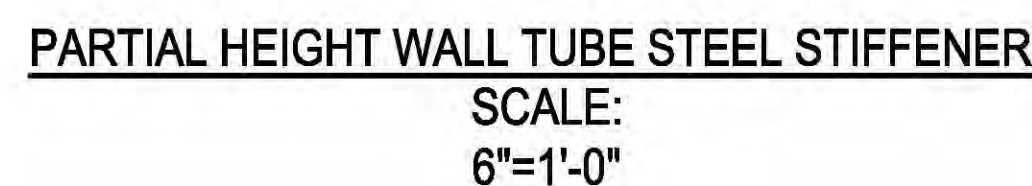
*** FULL WATER TESTS @ ALL AREAS ***

- 12" MIN. DUROCK
- FRP TO BE 1" MIN. BELOW & BEHIND TOP OF FINISHED BASE
- M.R. TYPE 'X' GYP. BOARD

WATER PROOFING DETAIL

TYPICAL PARTITION AT KITCHEN / BAR & ALL
WET CONDITION AREAS

TO THE BEST OF MY KNOWLEDGE, BELIEF, AND PROFESSIONAL JUDGEMENT OF THE UNDERSIGNED, THE PLANS AND SPECIFICATIONS DEPICTED ON THESE DRAWINGS ARE IN COMPLIANCE WITH THE APPLICABLE PROVISIONS OF THE NEW YORK STATE UNIFORM FIRE PREVENTION AND BUILDING CODE AND THE NEW YORK STATE ENERGY CONSERVATION CODE.



DETAIL: TYPICAL FLOOR DRAIN AT CONCRETE SLAB

9"

LATCH SIDE OF DOOR

ADA ROOM IDENTIFICATION SIGN (1/4" THK.)

SG 01

6"

4'

58"

REST ROOM SIGNAGE

GRADE 2 BRAILLE

1. CHARACTERS AND SYMBOLS SHALL CONTRAST WITH THEIR BACKGROUND.
2. TACTILE CHARACTERS SHALL BE 4/16 INCHES MIN. ABOVE THE FLOOR, MEASURED TO THE BASELINE OF THE LOWEST TACTILE CHARACTER, AND 80 INCHES MAX. ABOVE THE FLOOR, MEASURED TO THE BASE LINE OF THE HIGHEST TACTILE CHARACTER, SIGNS SHALL BE DISTINCTLY DIFFERENT FROM THE DOOR IN COLOR AND CONTRAST.
3. PROVIDE ROOM IDENTIFICATION SIGN ON LATCH SIDE OF DOOR.
4. LETTERS AND NUMBERS ON SIGNS SHALL BE RAISED 1/32" MIN., SHALL BE A MIN. OF 5/8" HIGH AND SHALL BE SANS-SERIF UPPERCASE CHARACTERS ACCOMPANIED BY GRADE 2 BRAILLE.
5. REGULATORY SIGNS TO BE TYPICALLY ADA COMPLIANT TACTILE 3-D PLAQUES PER CODE REQUIREMENTS.
6. SIGNS TO BE A TYPICAL ONE PIECE INJECTION MOLDED FABRICATION WITH RAISED SECOND SURFACE GRAPHICS
7. BRAILLE SHOWN IS FOR PLACEMENT ONLY. USE CORRECT BRAILLE FOR SIGN PRODUCTION.

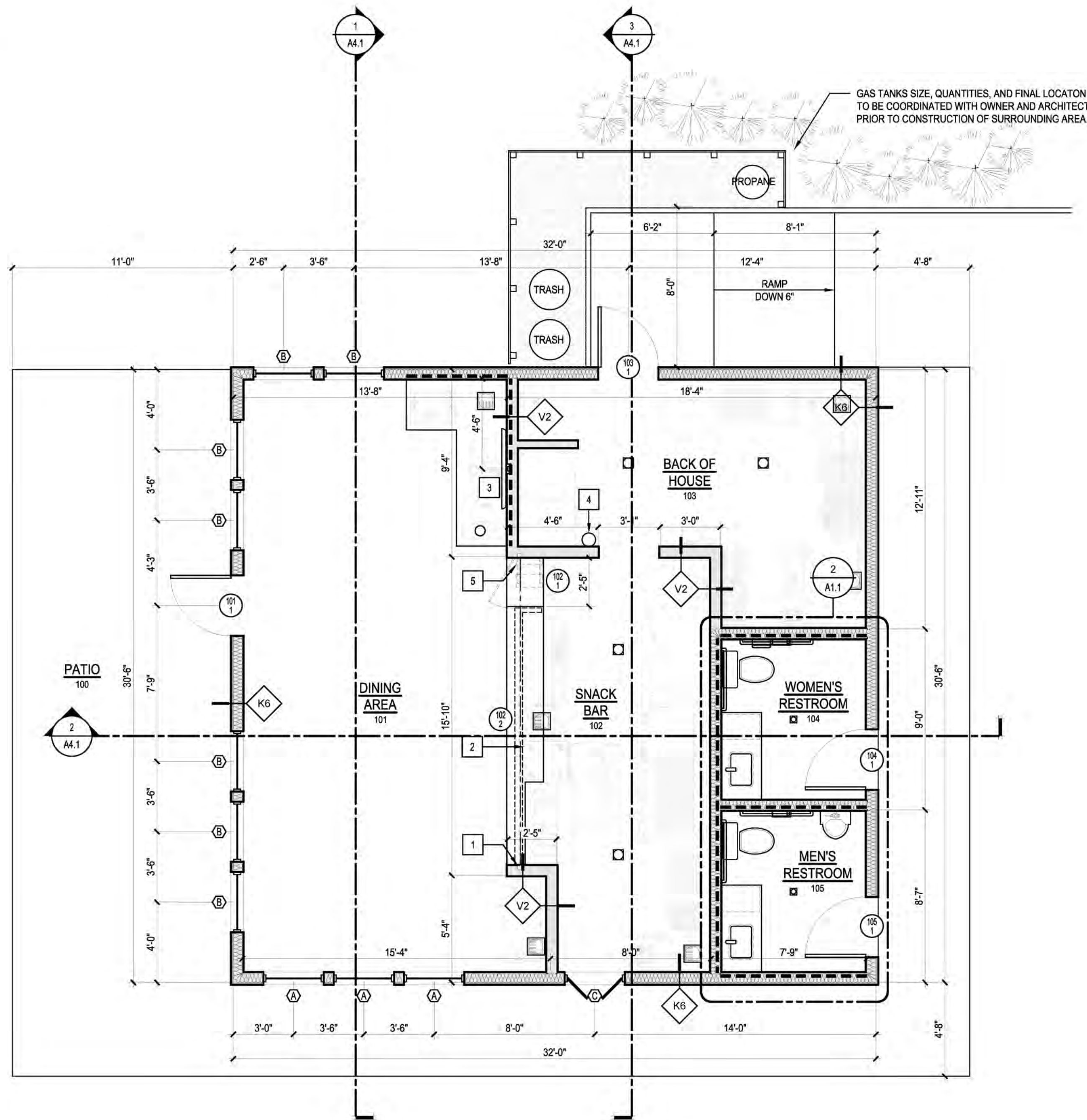


SHEET TITLE: GENERAL NOTES
TYPICAL DETAILS

JEFFERSON GROUP ARCHITECTURE, INC.
700 School Street Unit 2
Pawtucket, RI 02860
Phone: (401) 721-0977 Fax: (401) 721-223

A0.1

ISSUED FOR BIDDING & PERMIT: DECEMBER 17, 2021



GENERAL NOTES:

- THE GENERAL CONTRACTOR SHALL COORDINATE ALL STRUCTURAL, & MECHANICAL SYSTEMS PRIOR TO THE START OF CONSTRUCTION.
- ALL HINGE SIDE OF DOOR FRAMES SHALL BE LOCATED 6" FROM INSIDE FACE OF WALL FRAMING UNLESS NOTED OTHERWISE.
- ALL WORK SHALL CONFORM TO ALL GOVERNING CODES AND ORDINANCES UNDER WHICH THEY ARE PERFORMED.
- THE GENERAL CONTRACTOR SHALL LAY OUT ALL WORK AND BE RESPONSIBLE TO VERIFY ALL DIMENSIONS & DETAILS PRIOR TO STARTING CONSTRUCTION.
- FIGURED DIMENSIONS TAKE PRECEDENCE OVER SCALED DRAWINGS, EXCEPT WHERE NOTED.
- IT SHALL BE THE GENERAL CONTRACTORS RESPONSIBILITY AS COORDINATOR TO CHECK ALL DIMENSIONS AND DETAILS ON SHOP DRAWINGS BEFORE SUBMISSION TO THE ARCHITECT.
- THE GENERAL CONTRACTOR SHALL COORDINATE AND VERIFY WITH OWNER THE LOCATIONS OF ANY INTERIOR AND EXTERIOR MUSIC AND/OR PAGING SYSTEM, CONTROL PANELS, SPEAKERS, ASSOCIATED EQUIPMENT, ETC. AND SHALL COORDINATE THE INSTALLATION ACCORDINGLY WITH THE ELECTRICAL CONTRACTOR.
- ALL INTERIOR WALLS SHALL BE TYPE V1 UNLESS NOTED OTHERWISE.
- THE GENERAL CONTRACTOR SHALL COORDINATE WITH THE OWNER ART WORK LOCATIONS AND PROVIDE IN-WALL BLOCKING AS REQUIRED.
- PROVIDE 1/2" DENS-SHIELD MOISTURE RESISTANT WALL BOARD SHEATHING AT ALL WET AREA WALL LOCATIONS, INCLUDING RESTROOMS #104 & #105, BOH #103, AND SNACK BAR #102.
- ALL DIMENSIONS ARE TAKEN TO FACE OF FRAMING UNLESS OTHERWISE NOTED.
- PROVIDE PRESSURE TREATED WOOD AT ALL FRAMING AND BLOCKING LOCATIONS WHERE WOOD IS IN CONTACT WITH CONCRETE.
- G.C. SHALL COORDINATE ALL FLOORS PITCH TO DRAINS.
- FOR WIND LOAD REQUIREMENTS REFER TO STRUCTURAL DRAWINGS.

WALL SYSTEM LEGEND

- NEW WALL CONSTRUCTION
- SOUNDPROOFING MATERIAL, MINERAL WOOL OR SIMILAR, OR FIBERGLASS INSULATION AT EXTERIOR WALL
- SOLID IN-WALL BLOCKING

WORKING NOTES:

- PROVIDE METAL ANGLES AND WOOD BLOCKING FOR ROLL DOWN GRILLE GUIDES, REFER TO DETAIL # 4 / A4.1
- 2x4 WOOD FRAME KNEE WALL
- PROVIDE RECESSED TV / DATA JACK, COORDINATE WITH OWNER AND OWNER'S VENDOR AND WITH MOUNTING BRACKET REQUIREMENTS.
- PROVIDE WALL MOUNTED FIRE EXTINGUISHER.
- PROVIDE WALL MOUNTED LIFT UP GATE HINGE - COUNTER-ASYST, MODEL # CAS-325. PROVIDE IN WALL WOOD BLOCKING FOR PROPER INSTALLATION. VISIT WEBSITE www.counterasyssyst.com FOR MORE TECHNICAL INFORMATION.
- PROVIDE UTILITY ACCESS PANEL WITH CYLINDER LOCK (12" W x 18" H).

CODE INFO

STATE of NEW YORK APPLICABLE CODES

- 2020 NEW YORK STATE BUILDING CODE - ADOPTION OF IBC 2018 W/ AMENDMENTS
- 2020 NEW YORK STATE UNIFORM FIRE PREVENTION CODE - ADOPTS IFC 2018 W/AMENDMENTS
- 2020 NEW YORK STATE PLUMBING CODE - ADOPTION OF IPC 2018 W/ AMENDMENTS
- 2020 NEW YORK MECHANICAL CODE - ADOPTION OF IMC 2018 W/ AMENDMENTS
- 2020 NEW YORK ENERGY CONSERVATION CODE - ADOPTION OF IECC 2018 W/ AMENDMENTS
- 2020 NYSTRECH ENERGY CODE 2020
- 2010 ADA STANDARDS
- LOCAL ORDINANCES AND BOARD OF HEALTH REGULATIONS

BUILDING USE & OCCUPANCY:

B BUSINESS

BUILDING CONSTRUCTION TYPE (EXISTING):

TYPE 5B (IBC TABLE 601)

BUILDING AREA (PROPOSED):

1ST FLOOR	= 855 +/- SF
TOTAL	= 855 +/- SF

MEANS OF EGRESS:

(IBC 1000)

EGRESS WIDTH PER OCCUPANT - DOORS/CORRIDORS	.2 INCH / PERSON
EGRESS WIDTH PER OCCUPANT - STAIRWAYS	.3 INCH / PERSON

NUMBER OF EXITS

1ST FLOOR - 2 EXIT DOOR - MAX. EGRESS CAPACITY 340 PERSONS

MAXIMUM OCCUPANCY BASED ON USE/OCCUPANCY - 25 PERSONS

EXIT ACCESS TRAVEL DISTANCE

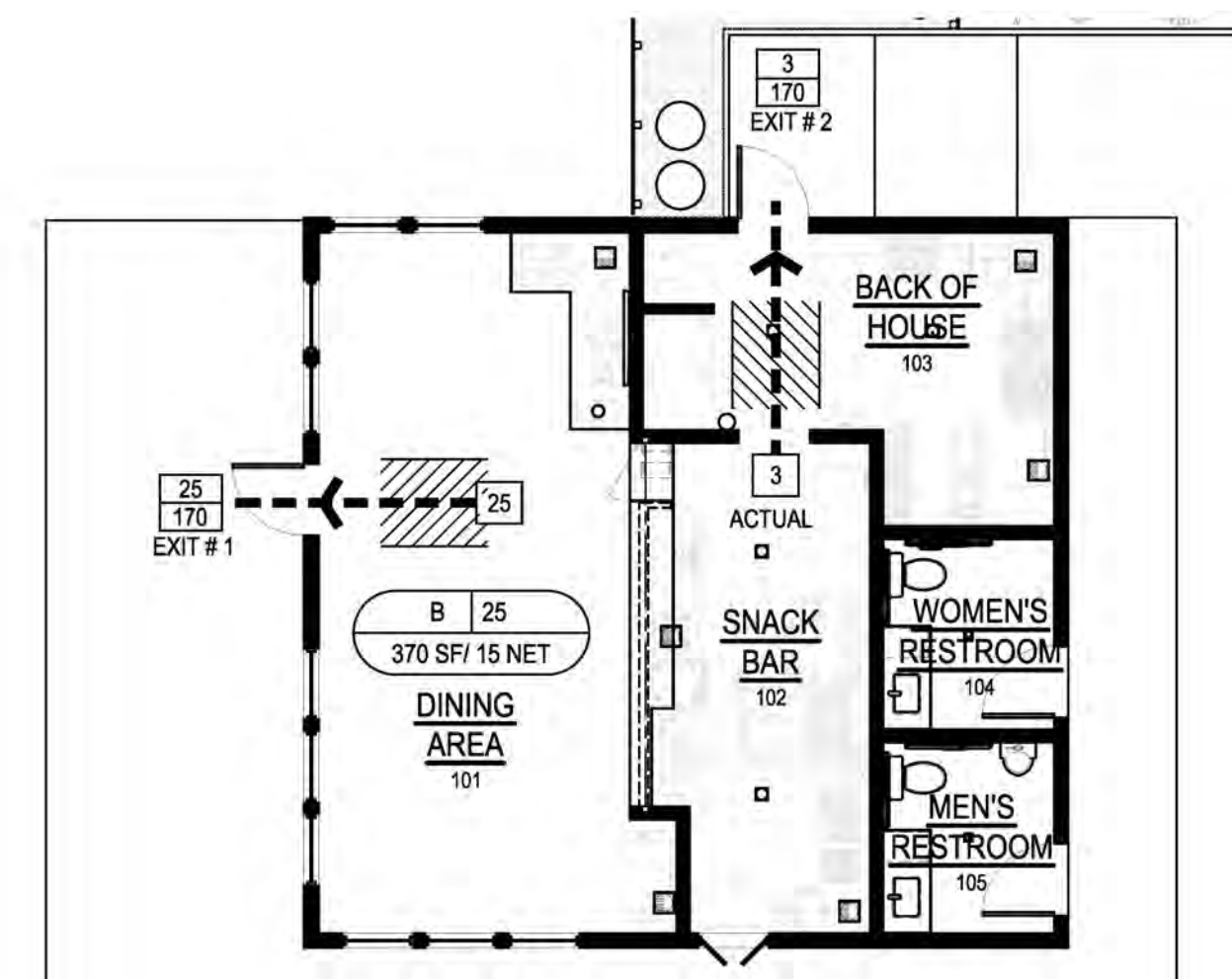
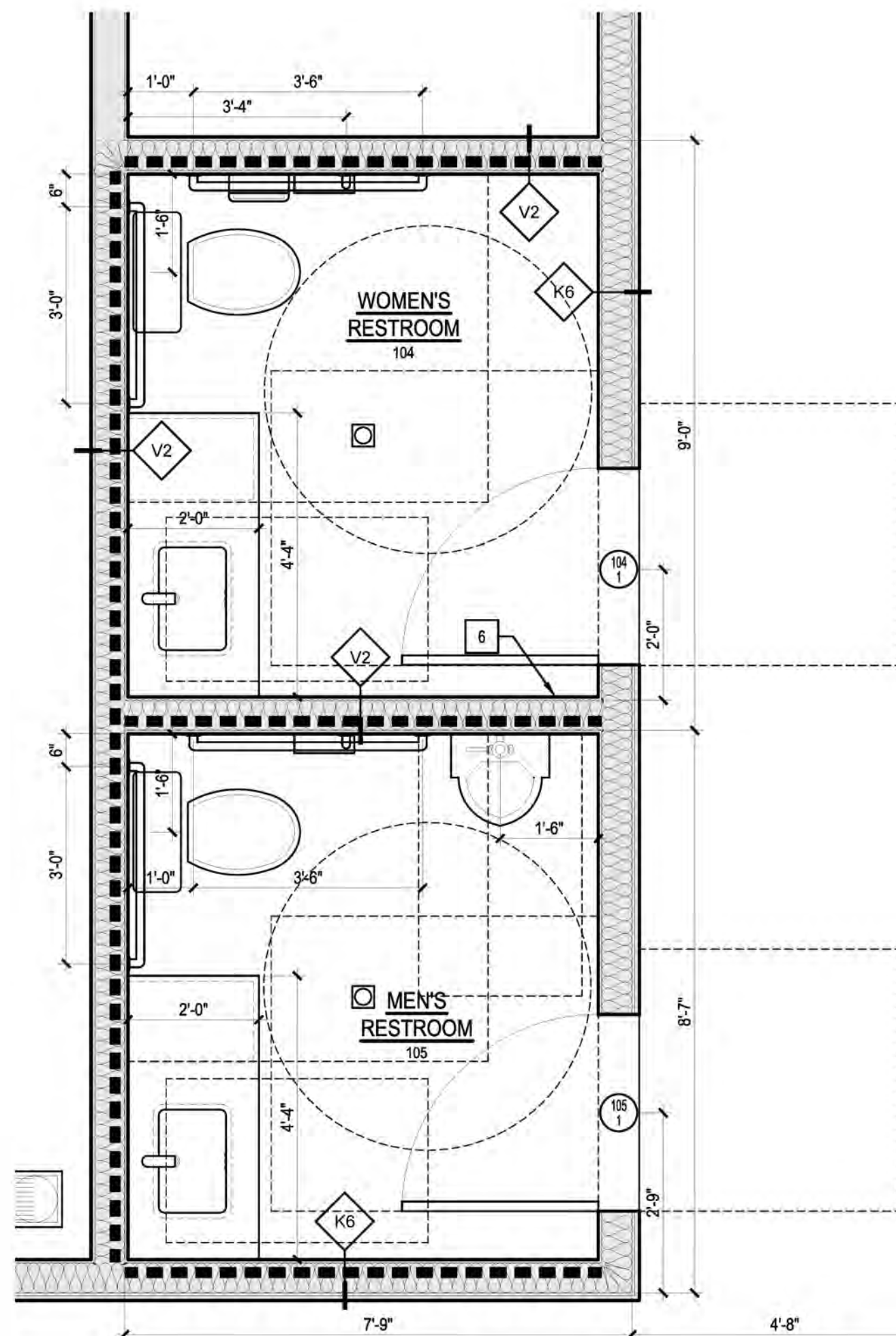
(IBC 1017.2 - 200' WITH OUT SPRINKLERS) - BUILDING COMPLIES

RESTROOM FACILITIES:

1 MALE & 1 FEMALE REQUIRED & PROVIDED

CLIMATIC AND GEORGRPHIC DESIGN DATA:

CLIMATE ZONE - 4A
FROSTLINE - 42"
TERMITES - MODERATE TO HEAVY
RISK CATAGORY - II
WIND SPEED - 115-120MPH



CERTIFICATION
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CONSULTANT LOGO:

REVISIONS

No.	DATE	DESCRIPTION
1	12/20/2021	Building Dept Review

PROJECT NAME:
ARDSLEY COUNTRY CLUB
198 NORTH MOUNTAIN DR
DOBBS FERRY, NY 10522

SHEET TITLE
FLOOR PLAN AND GENERAL NOTES

JGA
ARCHITECTURE

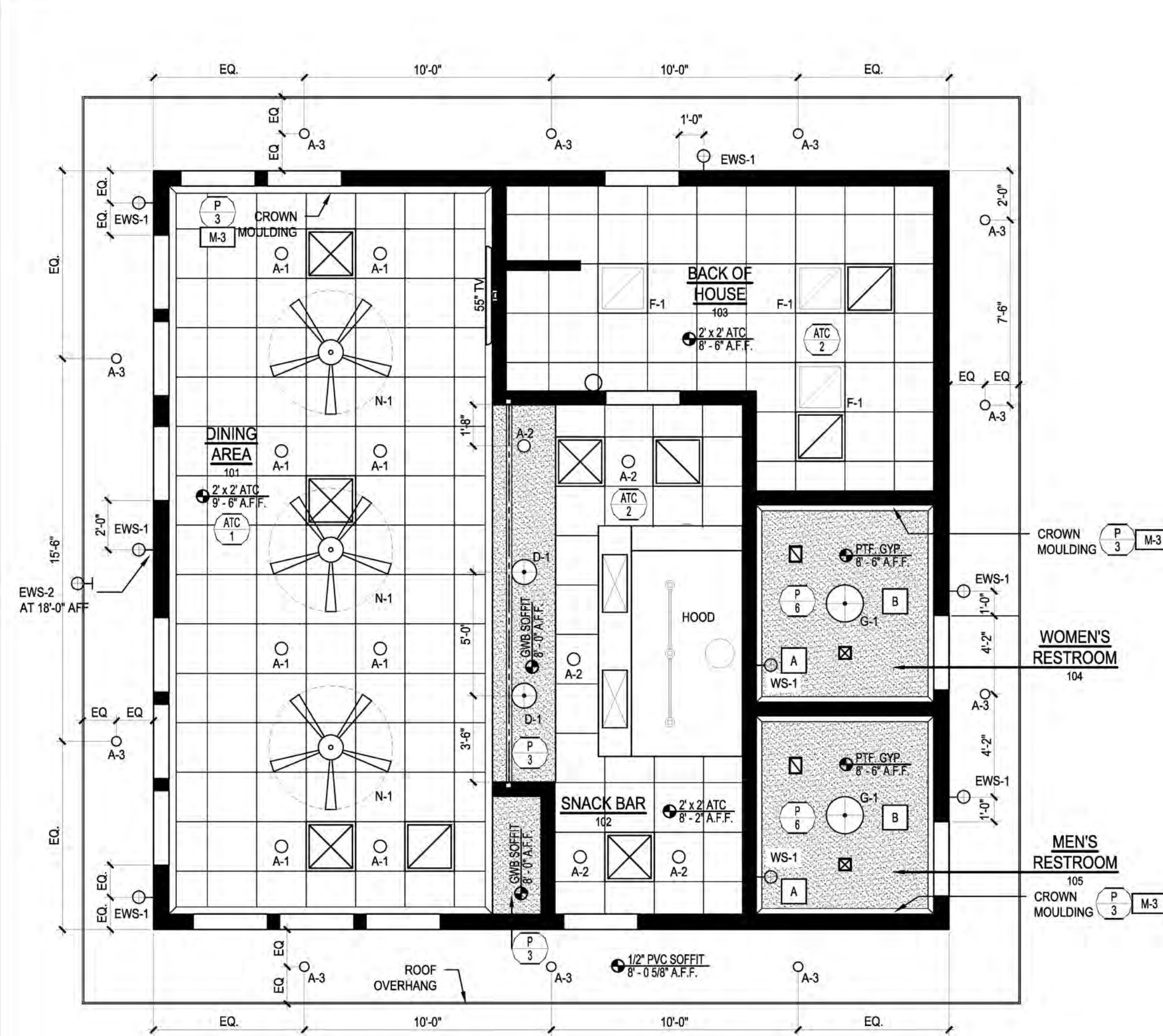
JEFFERSON GROUP ARCHITECTURE, INC.
700 School Street Unit 2
Pawtucket, RI 02860
Phone: (401) 721-0977 Fax: (401) 721-3238

JOB NUMBER: 2021-08
DRAWN BY: MRH
CHECKED BY: WJJ
DATE ISSUED: 12-17-2021
SCALE: NOTED

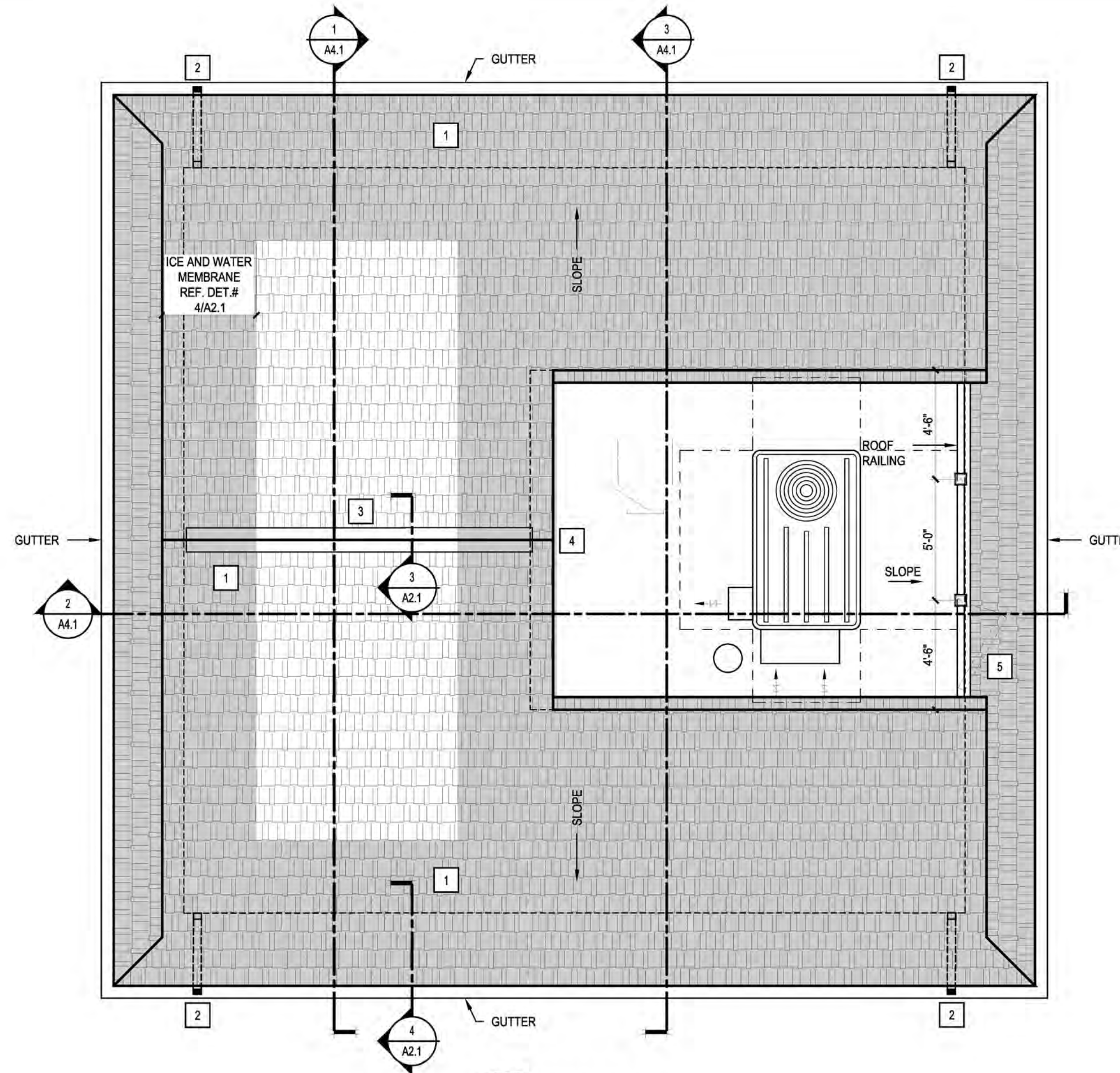
SHEET NUMBER:

A1.1
TURN BUILDING

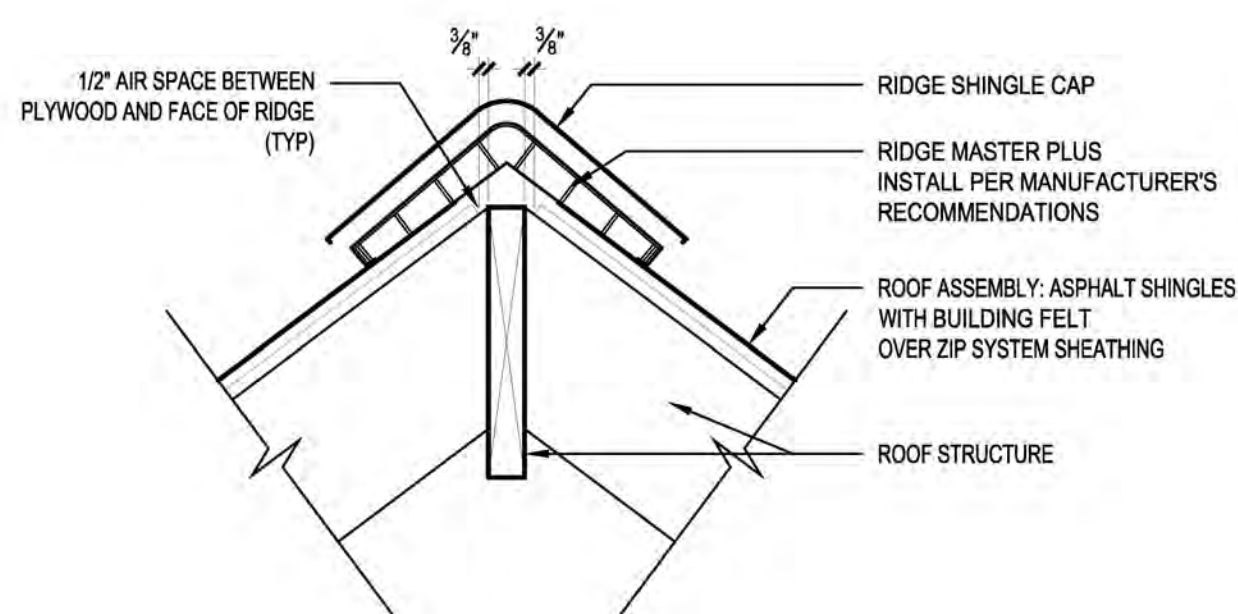
ISSUED FOR BIDDING & PERMIT: DECEMBER 17, 2021



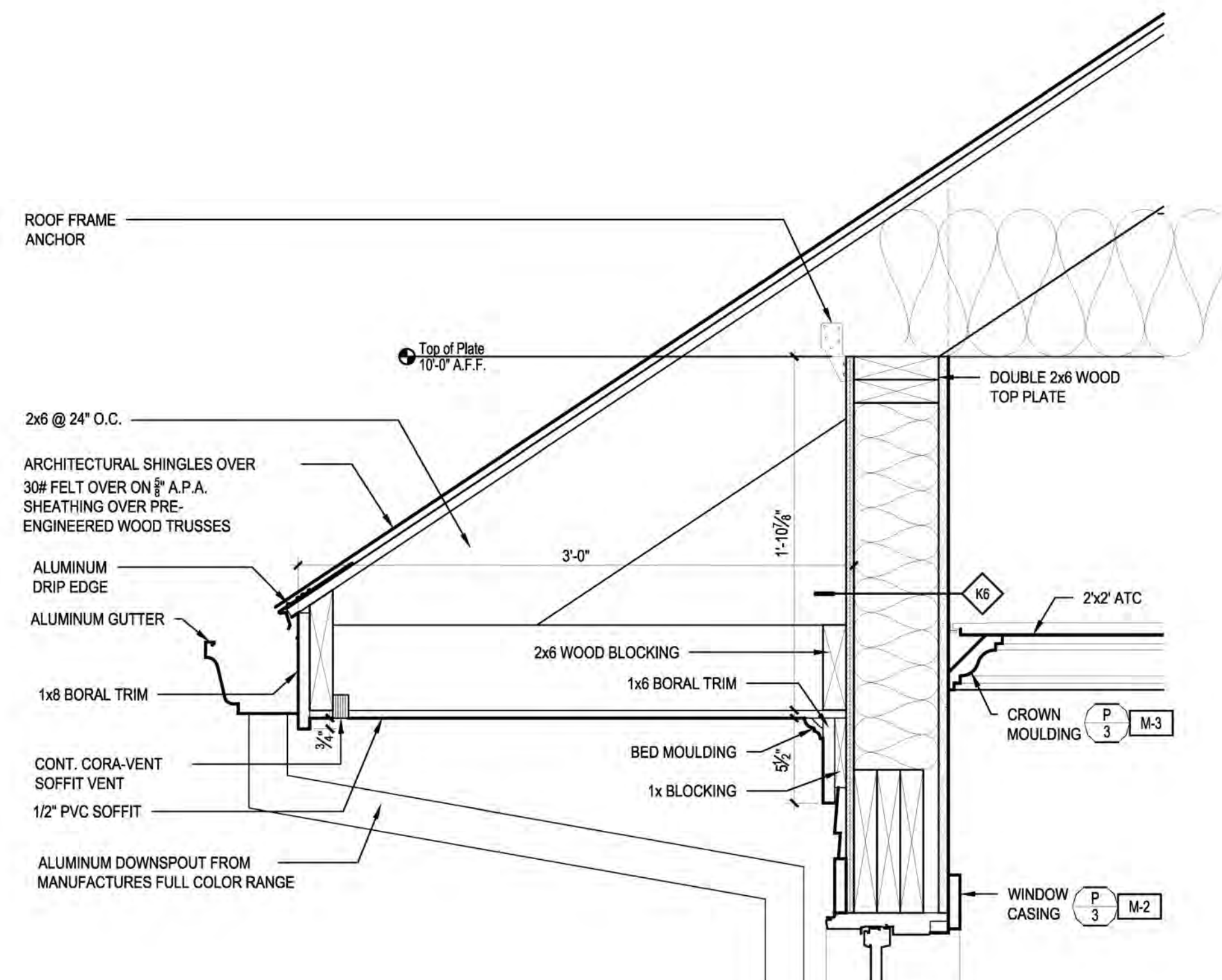
1 REFLECTED CEILING PLAN
SCALE: 1/4"=1'-0"



2 ROOF PLAN
SCALE: 1/4"=1'-0"



3 ROOF TYPICAL RIDGE DETAIL
SCALE: 1 1/2"=1'-0"



4 ROOF TYPICAL OVERHANG DETAIL
SCALE: 1 1/2"=1'-0"

ROOF PLAN LEGEND:

- ASPHALT ROOF SHINGLES
- EDPM MEMBRANE ROOF
- ICE AND WATER MEMBRANE
- ROOF WALKWAY PADS
- LINE OF EXTERIOR WALL FACE

WORKING NOTES:

- PROVIDE SELF-ADHERED POLYMER MODIFIED BITUMEN WATER AND ICE UNDERLAYMENT ALONG ALL EAVES (6'-0" MINIMUM), RIDGES, AND VALLEYS, EXTEND FROM EAVE A MINIMUM OF 24" INSIDE THE EXTERIOR WALL FACE.
- ALUMINUM GUTTERS AND DOWNSPOUTS TO BE LOCATED - COLOR WHITE
- VENTED / SHINGLES RIDGE VENT
- ATTIC ACCESS DOOR
- HINGED RAIL SYSTEM

ROOF GENERAL NOTES:

- FIELD VERIFY DIMENSIONS AND CONDITIONS. PROMPTLY NOTIFY THE ARCHITECT OF INCONSISTENCIES OR OTHER PROBLEMS IMMEDIATELY UPON DISCOVERY, AND BEFORE PROCEEDING WITH THE WORK.
- WORK TO BE PERFORMED IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL CODES AND REGULATIONS.
- FURNISH AND INSTALL INSULATION & ROOF ASSEMBLY IN ACCORDANCE WITH ALL APPLICABLE CODES AND WIND LOAD REQUIREMENTS.
- PERFORM ALL ROOFING WORK IN ACCORDANCE W/ MANUFACTURER'S PUBLISHED SPECIFICATIONS & DETAILS.
- INDICATIONS AND NOTATIONS ON THE DRAWINGS APPLYING TO ONE AREA, COMPONENT, OR CONDITION SHALL APPLY TO OTHER SIMILAR AREAS, COMPONENTS AND CONDITIONS, UNLESS CLEARLY INDICATED OTHERWISE.
- PRE-PRIME AND BACK PRIME ALL WOOD STANDING AND RUNNING TRIM AND SOFFIT PANELS.
- REQUIRED ROOFING AND FLASHING WORK SHALL BE PROVIDED AT ALL ROOF OPENINGS AND PENETRATIONS UNDER THIS CONTRACT WHETHER INDICATED ON THIS DRAWING OR NOT. SEE PLUMBING, HVAC (HEATING, VENTILATION AND AIR CONDITIONING) AND ELECTRICAL DRAWINGS FOR ITEMS PENETRATING THROUGH ROOF, INCLUDING, BUT NOT LIMITED TO, EXHAUST FANS, TOILET EXHAUST FANS, VENTS, PIPE AND CONDUIT PENETRATIONS.
- THE GENERAL CONTRACTOR SHALL COORDINATE WITH THE MECHANICAL & ELECTRICAL DRAWINGS ALL PROPOSED LOCATIONS OF ROOF EQUIPMENT, CURBS, ETC. AND REQUIRED POWER.
- ALL NEW SHINGLED ROOFING IS TO BE INSTALLED WITH CLOSED WOVEN VALLEYS, UNLESS OTHERWISE NOTED.
- PROVIDE SELF ADHERED ICE AND WATER MEMBRANE AT ALL NEW ROOF EDGES, NEW ROOF TO NEW SIDEWALL CONNECTIONS AND ALL NEW AND EXISTING VALLEYS.
- ALL NEW PITCHED ROOFS AND DORMERS SHALL RECEIVE NEW 30 YEAR ARCHITECTURAL SHINGLES - (COLOR TO BE SELECTED) OVER 30# BUILDING FELTS.
- DIMENSIONS OF EAVE OVERHANGS ARE TAKEN FROM OUTSIDE FACE OF STUD TO OUTSIDE FACE OF FASCIA.

CEILING PLAN LEGEND:

- CEILING FAN
- RECESSED DOWN LIGHT
- RECESSED WALL WASHER
- DECORATIVE PENDANT
- FLUORESCENT LIGHT
- FLUSH / SEMI FLUSH MOUNT
- WS- OR EWS- INTERIOR OR EXTERIOR WALL SCNGE
- SUPPLY DIFFUSER
- RETURN DIFFUSER

WORKING NOTES:

- CENTER WALL SCNGE ABOVE VANITY SINK AND MIRROR. REFER TO INTERIOR ELEVATIONS FOR VANITY DIMENSIONS
- CENTER FLUSH MOUNT FIXTURE IN GYPSUM CEILING



CERTIFICATION
THIS DRAWING IS PART OF AN ARCHITECTURAL PROJECT AND IS NOT TO BE USED FOR ANY OTHER PURPOSE WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT.
REFER TO ALL OF THE DRAWINGS FOR THE PROJECT AND SPECIFICATIONS INCLUDING BUT NOT LIMITED TO GENERAL CONDITIONS, NOTES, SPECIFICATIONS, TECHNICAL SPECIFICATIONS, AND ANY OTHER INFORMATION THAT MAY BE NECESSARY FOR THE PROPER CONSTRUCTION AND/OR USED AS AN AS-BUILT.

CONSULTANT LOGO
STUDIO JBD
JBD, INC.
700 School Street Unit 2
Pawtucket, RI 02860
Phone: (401) 721-0977 Fax: (401) 721-0978

NO.	DATE	DESCRIPTION
1	12-17-2021	BUILDING DEF REVIEW

PROJECT NAME
ARDLEY COUNTRY CLUB
198 NORTH MOUNTAIN DR
DOBBS FERRY, NY 10522

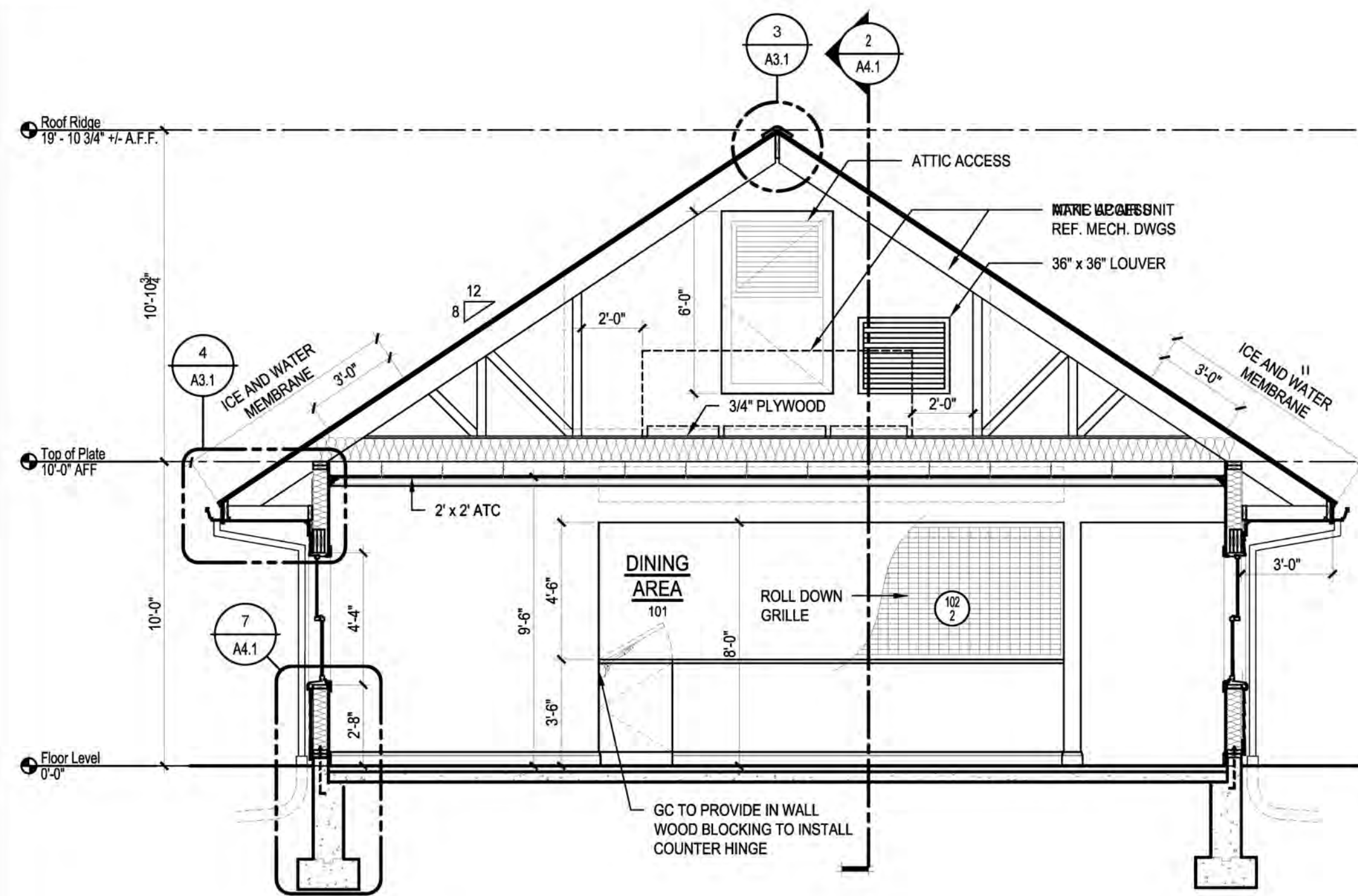
SHEET TITLE
REFLECTED CEILING PLAN
AND ROOF PLAN

JGA
ARCHITECTURE
JEFFERSON GROUP ARCHITECTURE, INC.
700 School Street Unit 2
Pawtucket, RI 02860
Phone: (401) 721-0977 Fax: (401) 721-0978

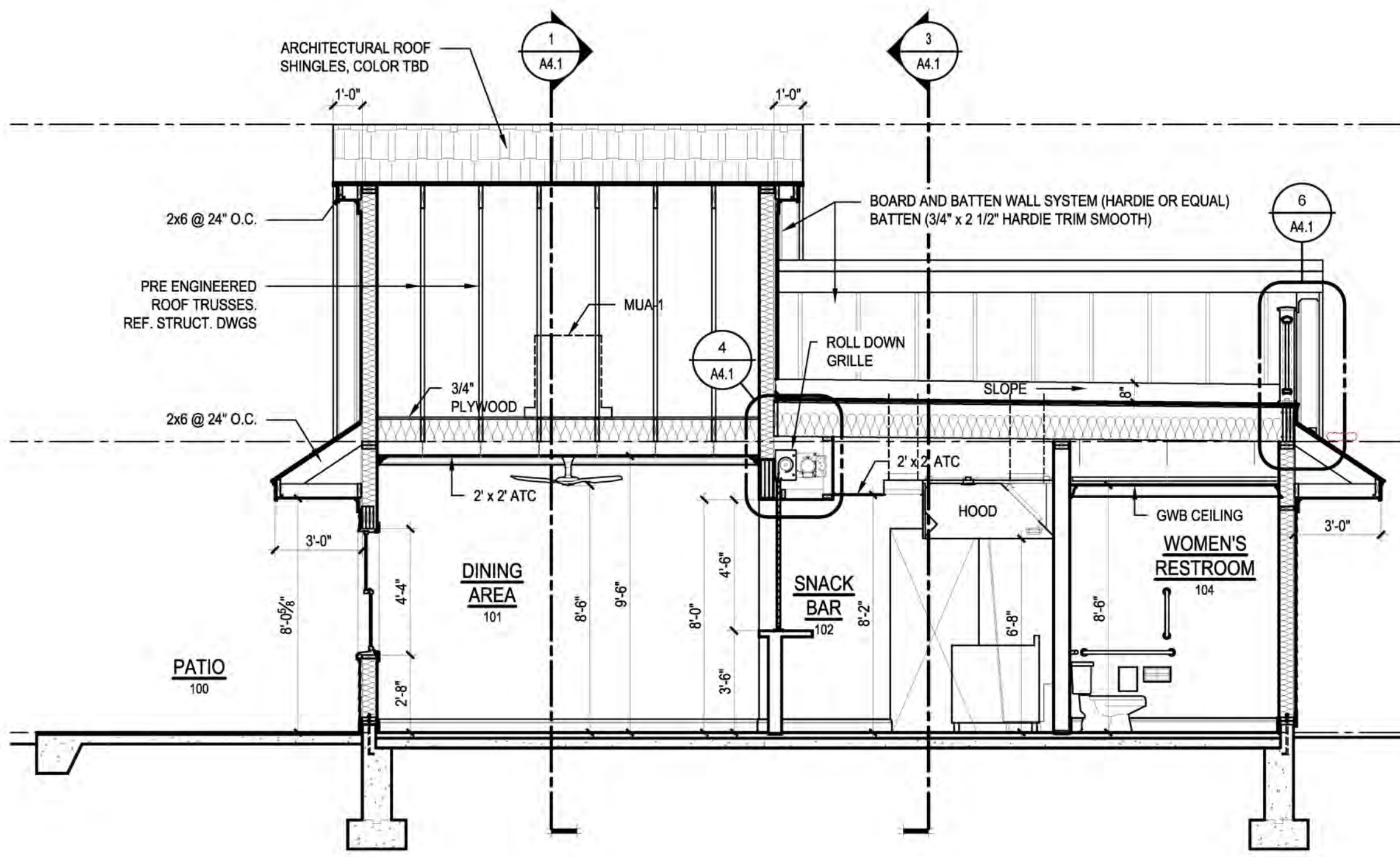
JOB NUMBER: 2021-08
DRAWN BY: MRH
CHECKED BY: WJJ
DATE ISSUED: 12-17-2021
SCALE: NOTED

SHEET NUMBER:
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TURN BUILDING

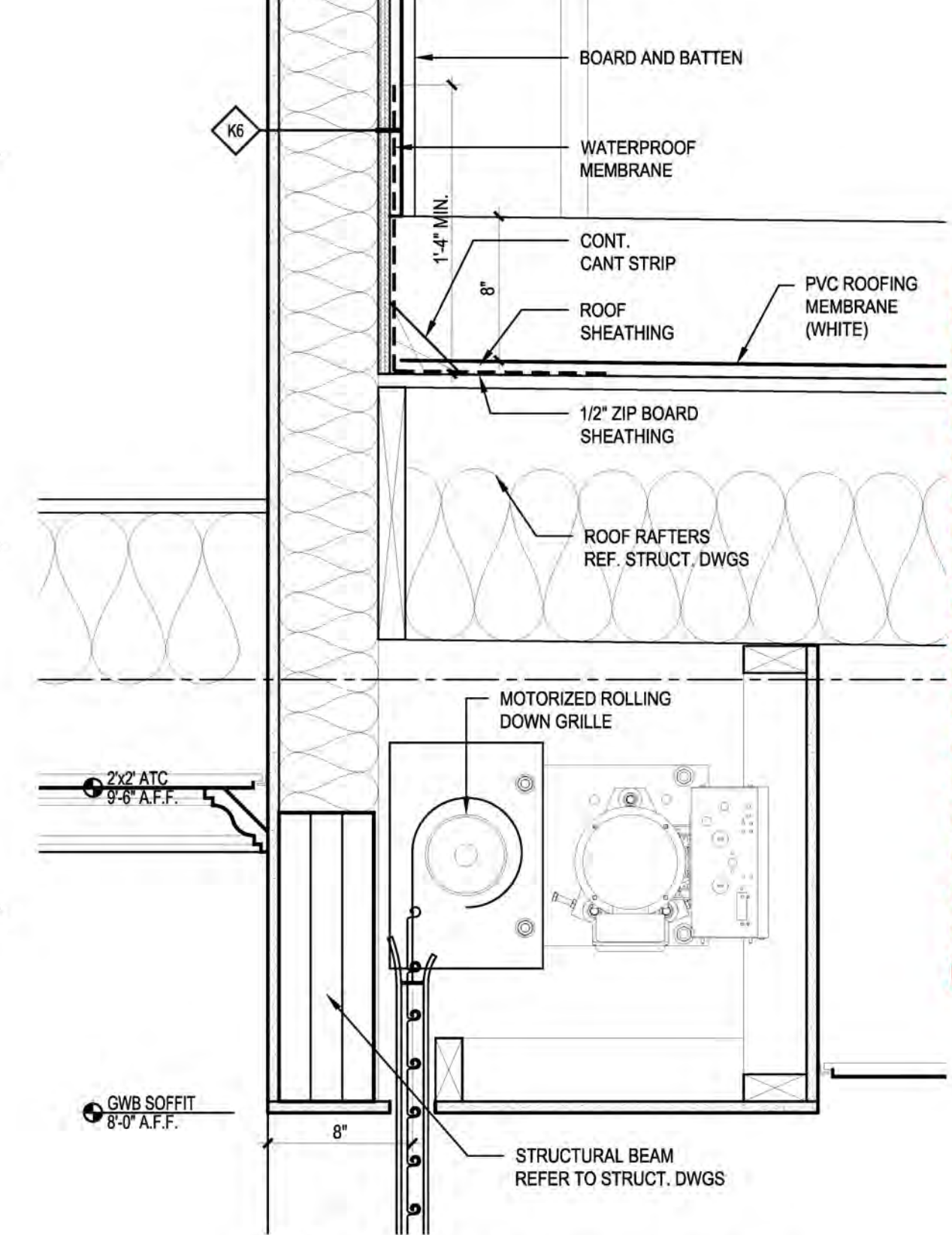
ISSUED FOR BIDDING & PERMIT: DECEMBER 17, 2021



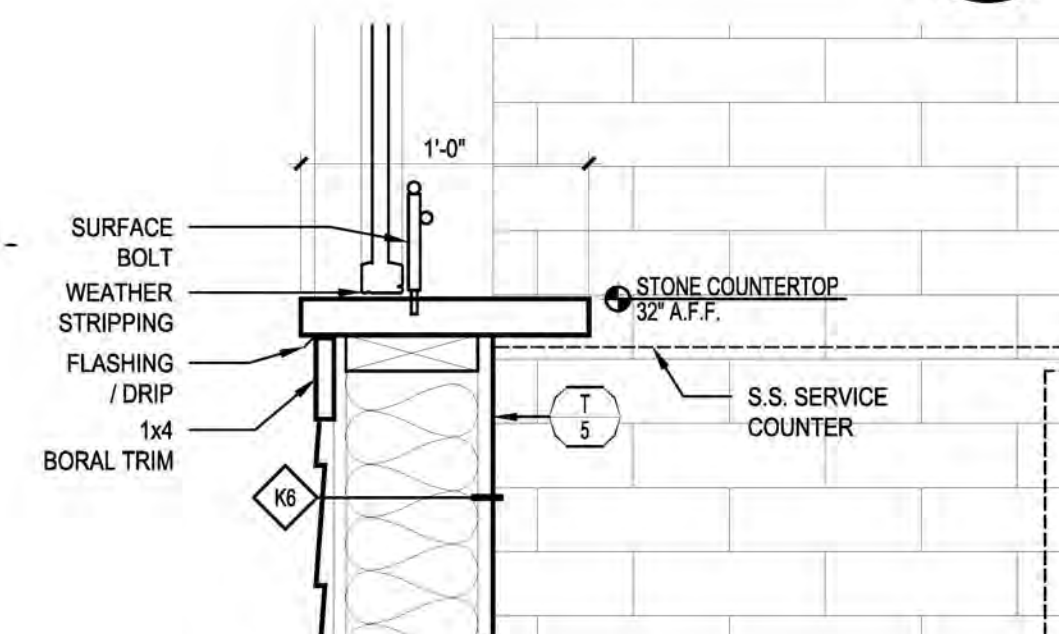
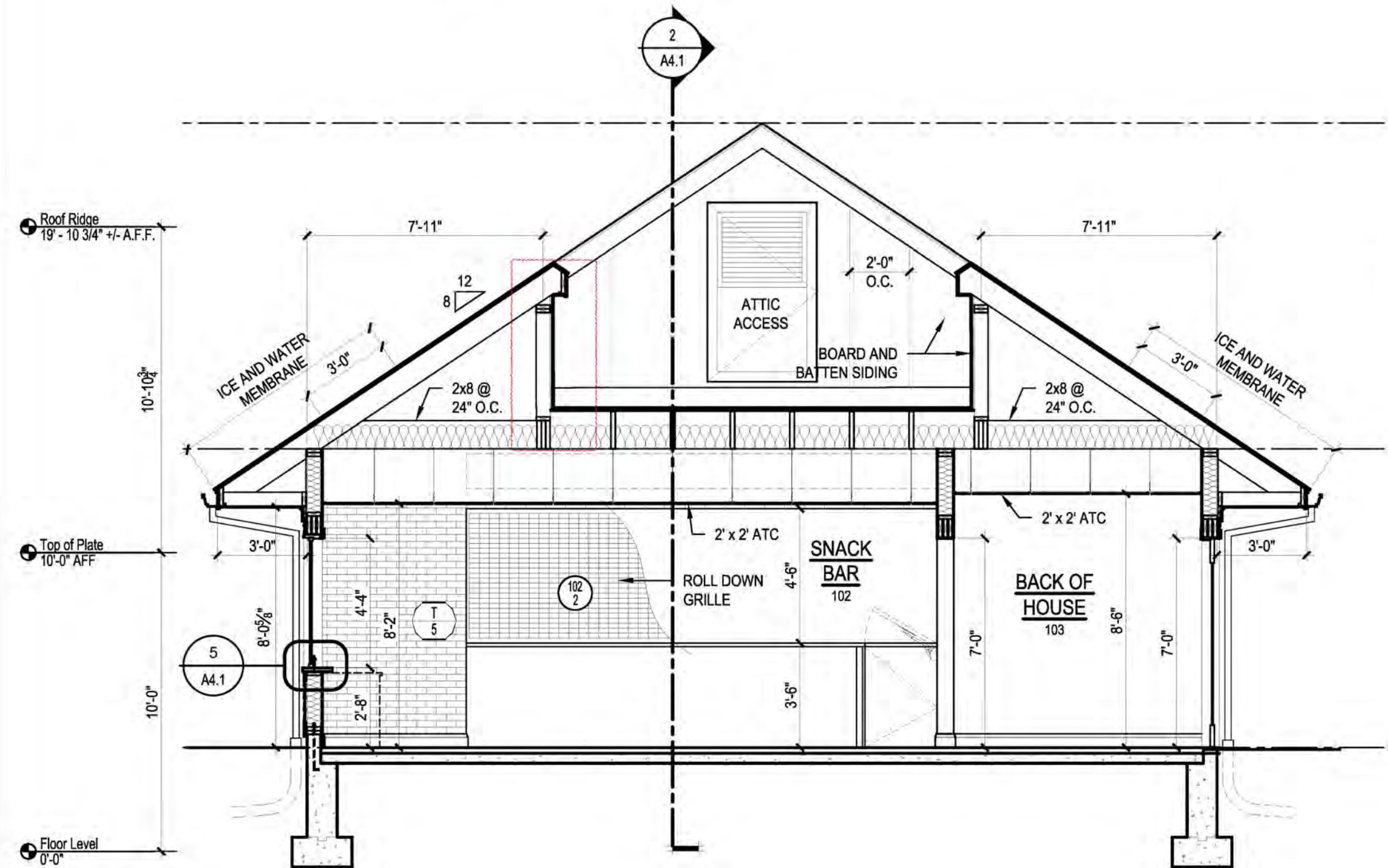
1 BUILDING SECTION "A"
A4.1 SCALE: 1/4"=1'-0"



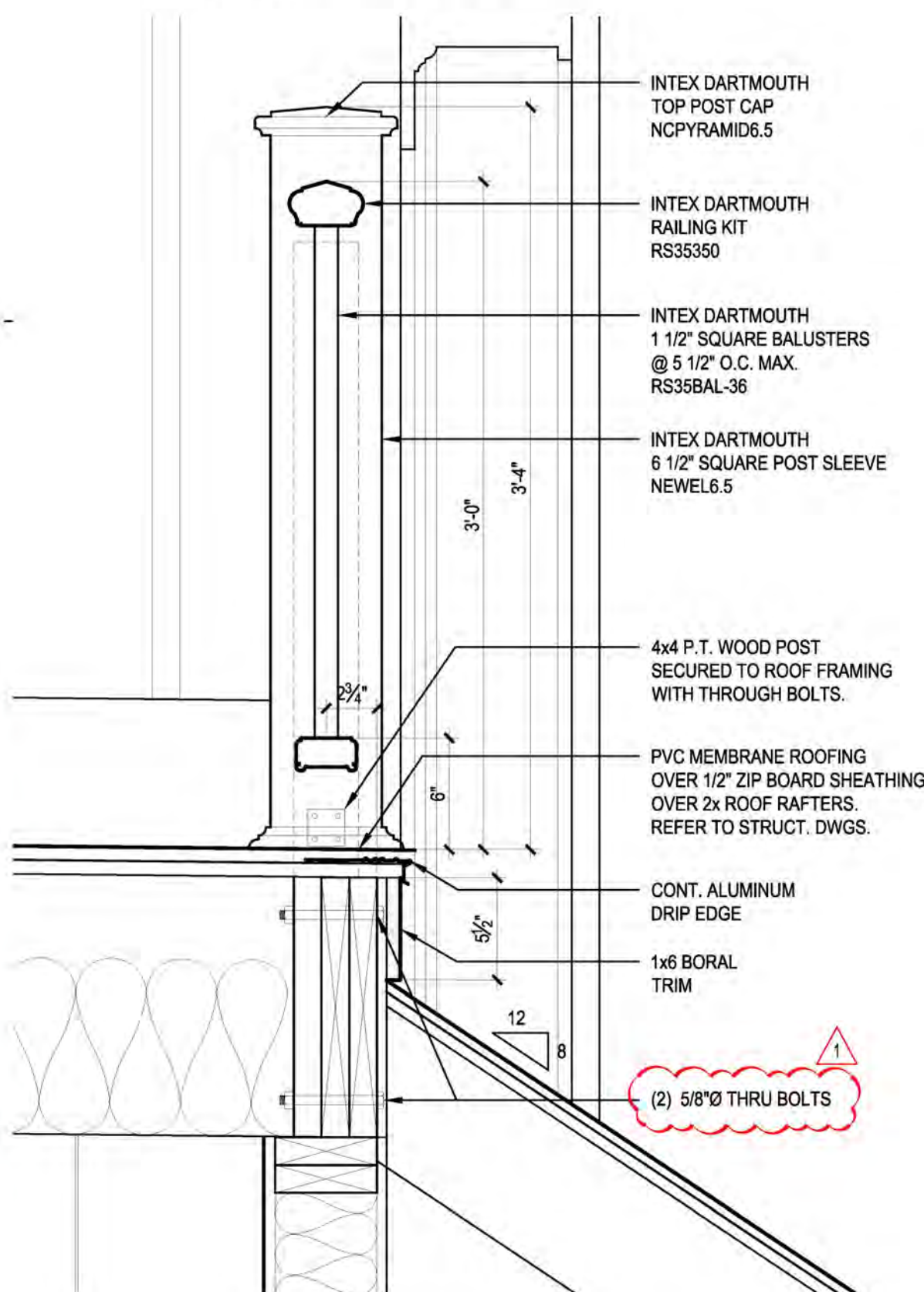
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A4.1 SCALE: 1/4"=1'-0"



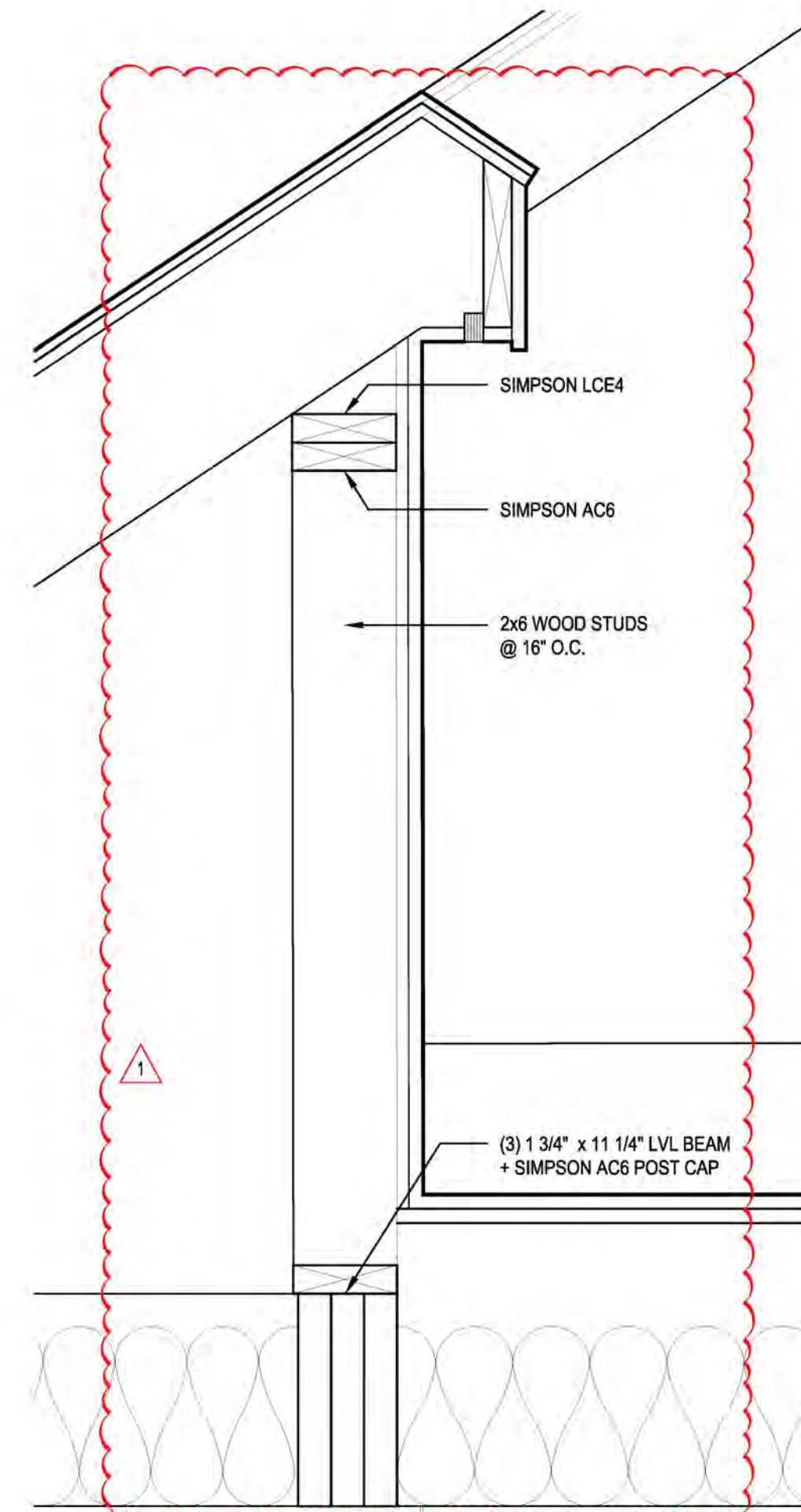
4 ROLLING DOWN GRILLE DETAIL
A4.1 SCALE: 1 1/2"=1'-0"



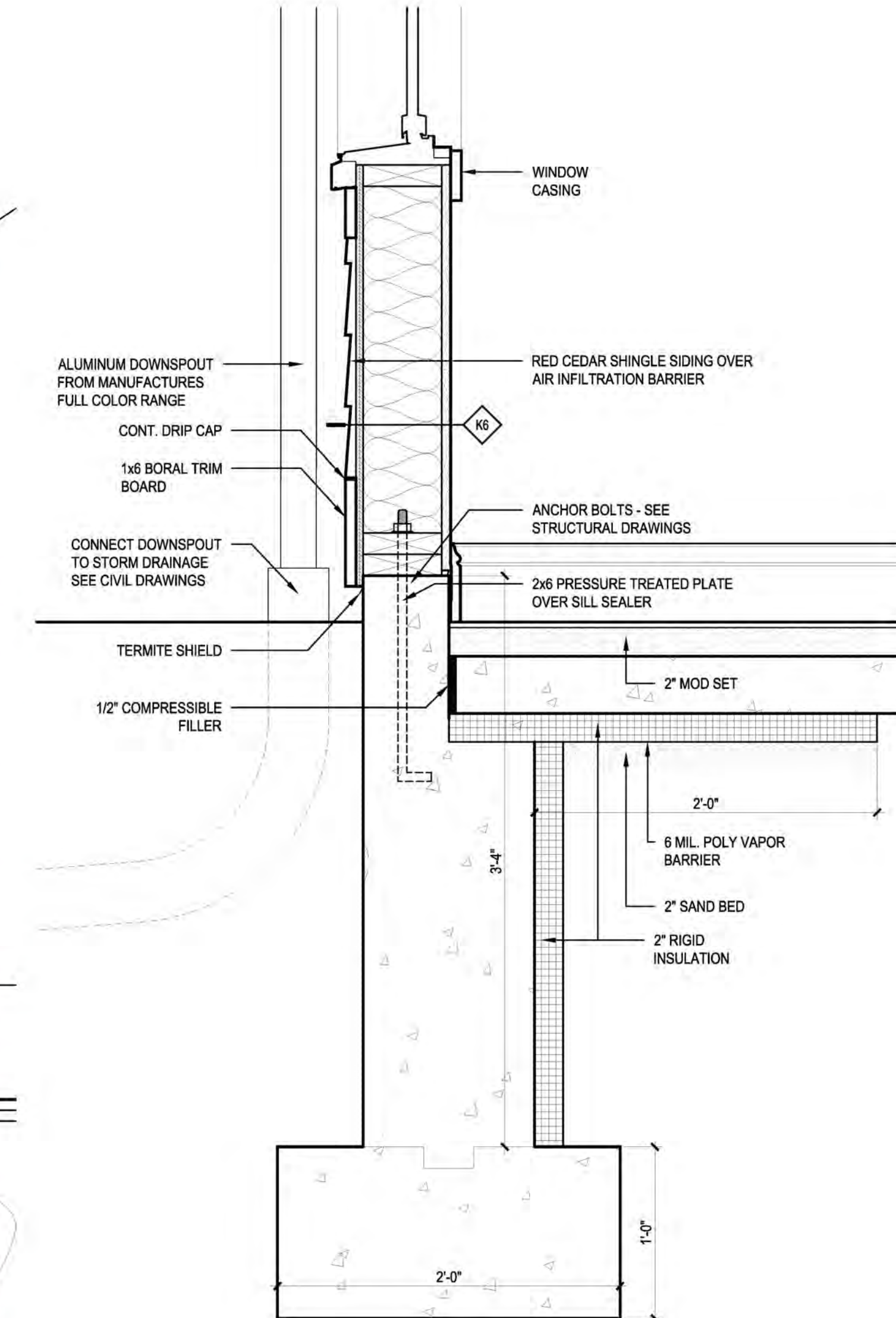
5 ROOF RAILING DETAIL
A4.1 SCALE: 1 1/2"=1'-0"



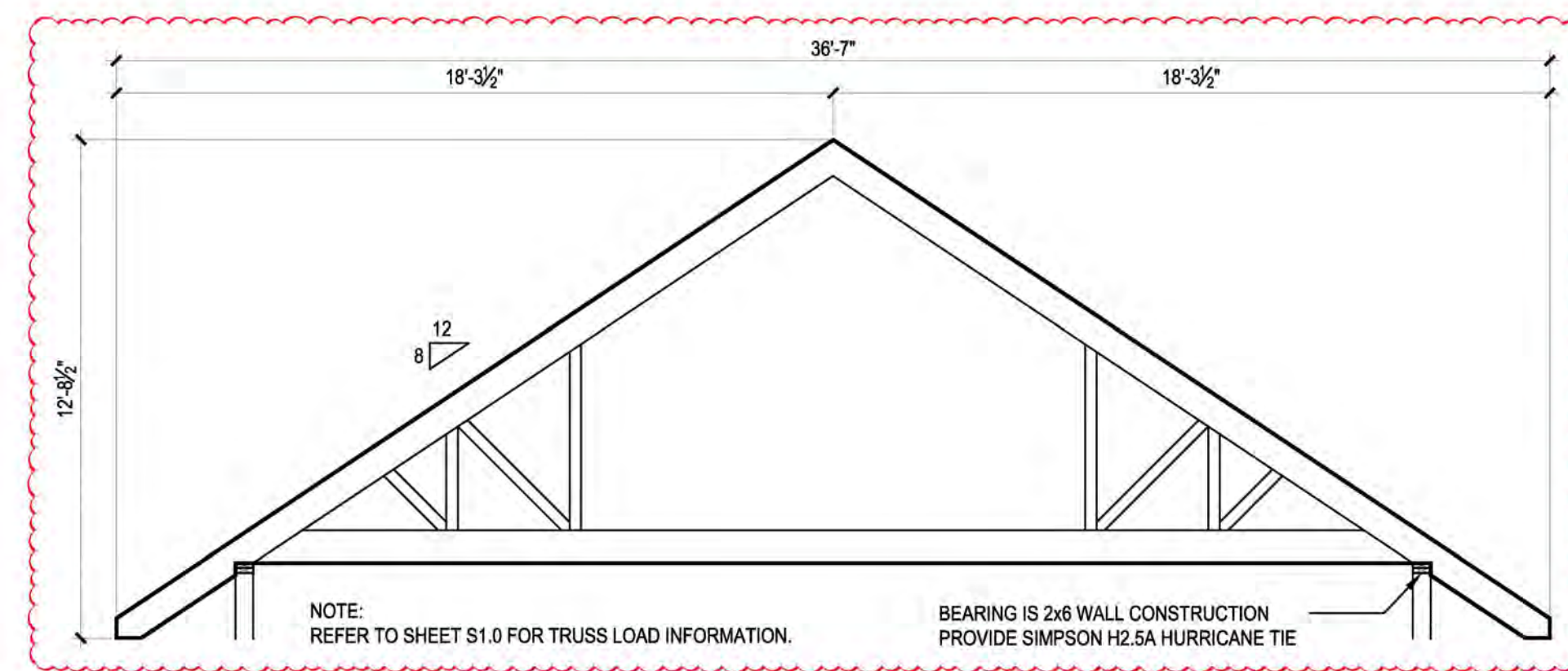
6 ROOF RAILING DETAIL
A4.1 SCALE: 1 1/2"=1'-0"



6A ROOF KNEE WALL DETAIL
A4.1 SCALE: 1 1/2"=1'-0"



7 WALL SECTION DETAIL
A4.1 SCALE: 1 1/2"=1'-0"



8 TYPICAL TRUSS DETAIL
A4.1 SCALE: 1 1/2"=1'-0"

TO THE BEST OF MY KNOWLEDGE, BELIEF, AND PROFESSIONAL JUDGEMENT OF THE INFORMATION PROVIDED TO ME BY THE CLIENT, THE DRAWINGS AND SPECIFICATIONS ARE IN COMPLIANCE WITH THE APPLICABLE PROVISIONS OF THE NEW YORK STATE UNIFORM FIRE PREVENTION AND BUILDING CODE AND THE NEW YORK STATE ENERGY CONSERVATION CODE.



THIS DRAWING IS PART OF AN ARCHITECTURAL PROJECT AND IS NOT TO BE USED FOR ANY OTHER PROJECT WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT. REFER TO ALL DRAWINGS AND SPECIFICATIONS INCLUDING BUT NOT LIMITED TO GENERAL CONDITIONS, NOTES, AND APPROPRIATE TECHNICAL SPECIFICATIONS. REFER TO ALL OF THE DRAWINGS FOR ANY CHANGES OR REVISIONS. DRAWING IS NOT TO BE SCALED AND/OR USED AS A BUILDING.

CONSULTANT LOGO:

REVISIONS

No.	DATE	DESCRIPTION
1	5/25/22	BUILDING DEPT REVIEW



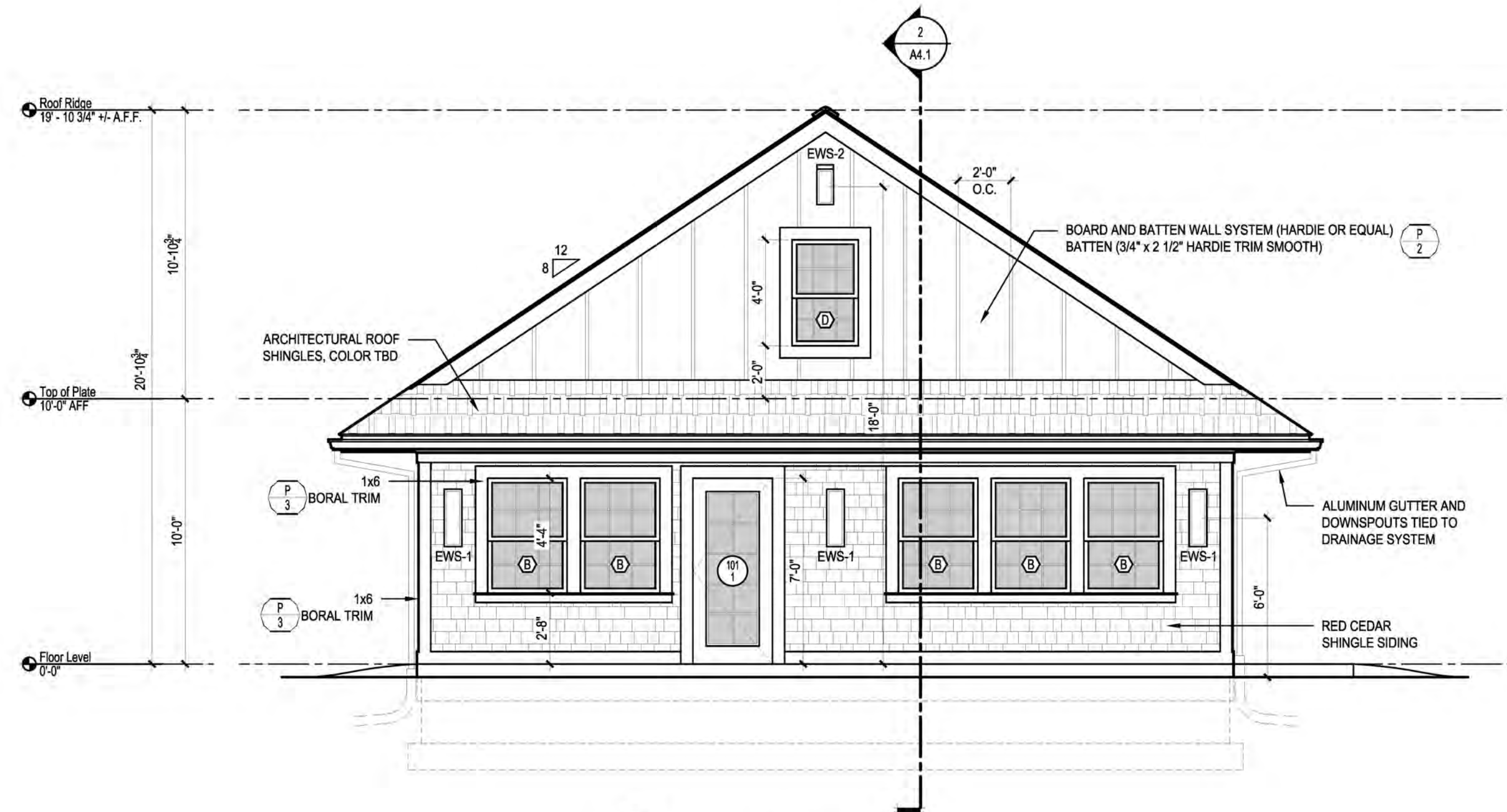
SHEET TITLE:
BUILDING SECTIONS
AND CONSTRUCTION DETAILS

JGA
ARCHITECTURE
JEFFERSON GROUP ARCHITECTURE, INC.
700 School Street Unit 2
Pawtucket, RI 02860
Phone: (401) 721-0977 Fax: (401) 721-2338

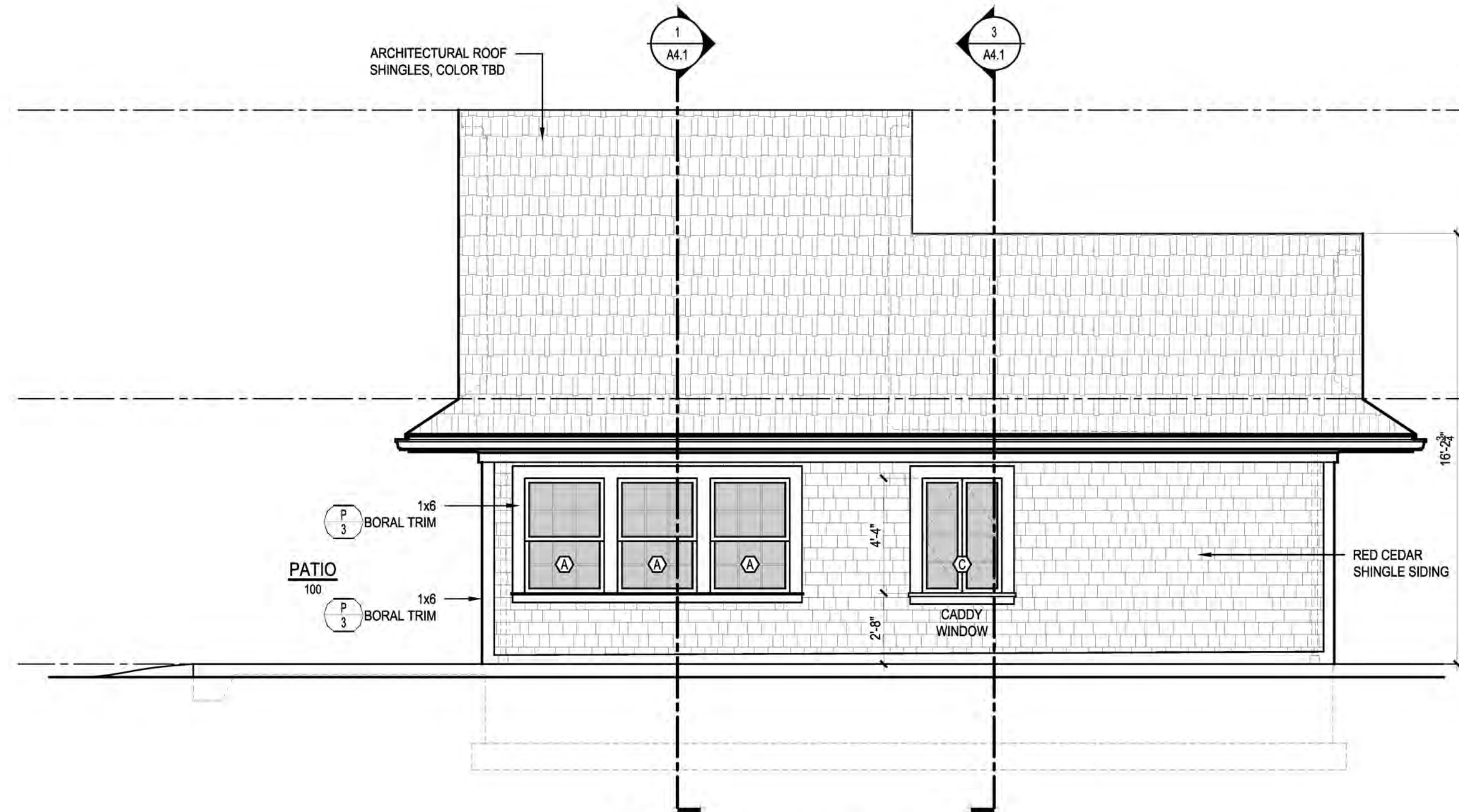
JOB NUMBER: 2021-08
DRAWN BY: MRH
CHECKED BY: WJJ
DATE ISSUED: 12-17-2021
SCALE: NOTED
SHEET NUMBER:

A4.1
TURN BUILDING

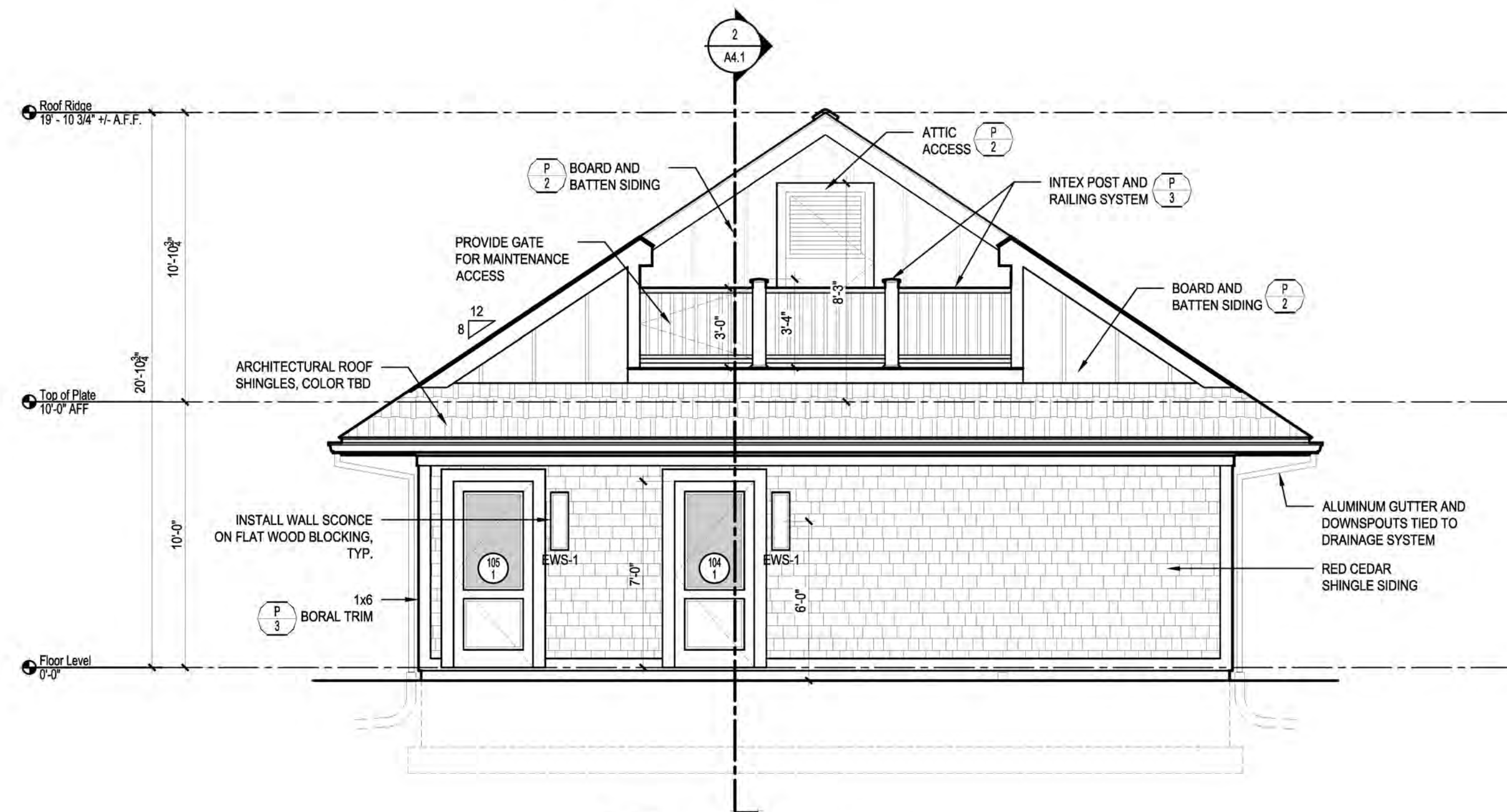
ISSUED FOR BIDDING & PERMIT: DECEMBER 17, 2021



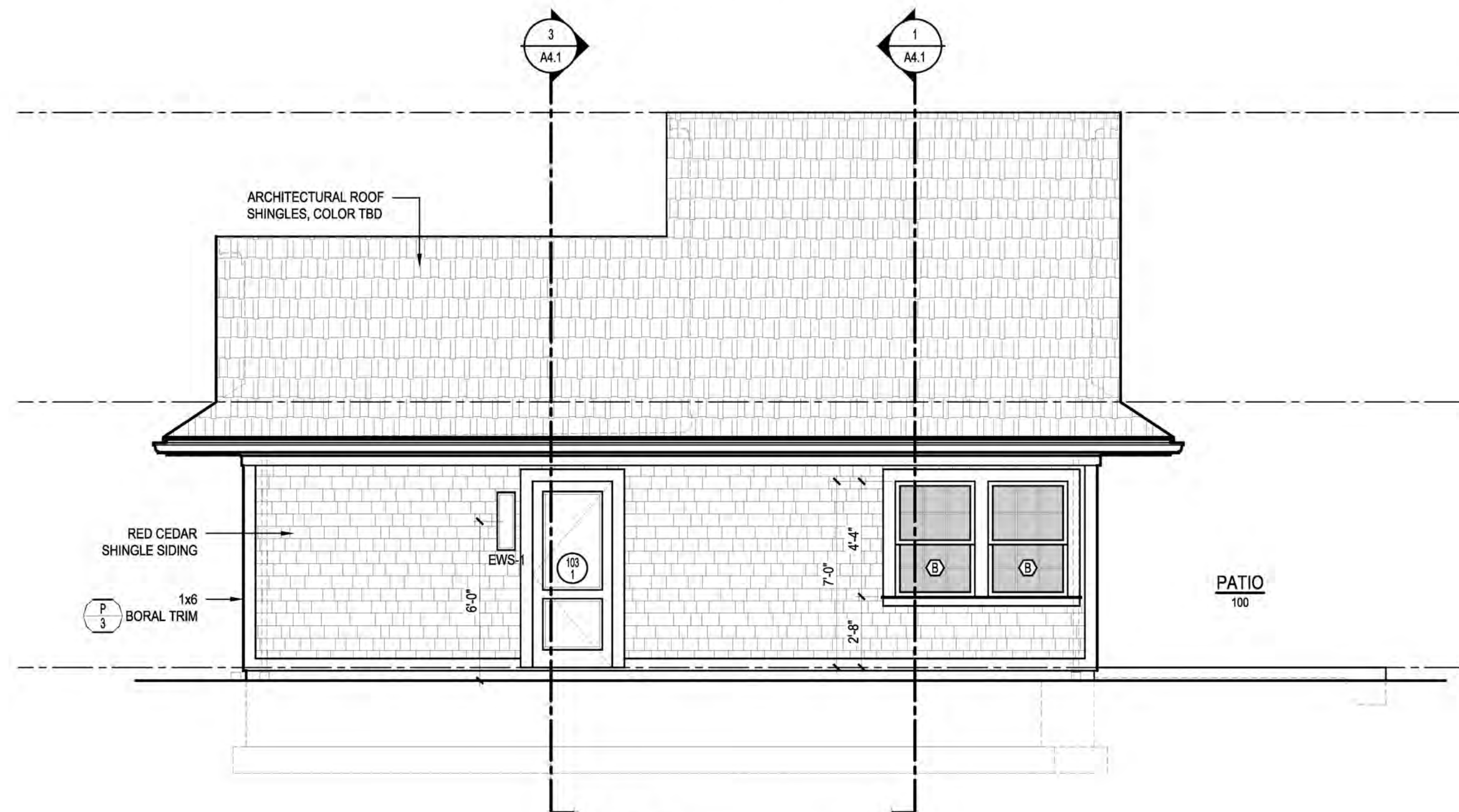
1 BUILDING FRONT ELEVATION
SCALE: 1/4"=1'-0"



2 BUILDING RIGHT ELEVATION
SCALE: 1/4"=1'-0"



3 BUILDING REAR ELEVATION
SCALE: 1/4"=1'-0"



4 BUILDING LEFT ELEVATION
SCALE: 1/4"=1'-0"

TO THE BEST OF MY KNOWLEDGE, BELIEF, AND PROFESSIONAL JUDGEMENT OF THE ARCHITECT, THESE DRAWINGS AND SPECIFICATIONS ARE IN COMPLIANCE WITH THE APPLICABLE PROVISIONS OF THE NEW YORK STATE UNIFORM FIRE PREVENTION AND BUILDING CODE AND THE NEW YORK STATE ENERGY CONSERVATION CODE.



CERTIFICATION:
THIS DRAWING IS PART OF AN ARCHITECTURAL INSTRUCTION CONTRACT DOCUMENTS.
REFER TO ALL DRAWINGS AND SPECIFICATIONS INCLUDING BUT NOT LIMITED TO "GENERAL CONDITIONS", "SPECIFICATIONS", "APPLICABLE MANUFACTURERS' TECHNICAL SPECIFICATIONS".
REFER TO ALL OF THE DRAWINGS FOR ANY SPECIFIC NOTATIONS. THIS DRAWING IS NOT TO BE SCALED AND/OR USED AS AN AS-BUILT.

CONSULTANT LOGO:

No.	DATE	DESCRIPTION
1	133522	BUILDING DEPT REVIEW

PROJECT NAME:
95
18
ARDSLEY COUNTRY CLUB
198 NORTH MOUNTAIN DR
DOBBS FERRY, NY 10522

SHEET TITLE:
BUILDING EXTERIOR ELEVATIONS

JGA
ARCHITECTURE
JEFFERSON GROUP ARCHITECTURE, INC.
700 School Street Unit 2
Pawtucket, RI 02860
Phone: (401) 721-0977 Fax: (401) 721-3238

JOB NUMBER: 2021-08
DRAWN BY: MRH
CHECKED BY: WJJ
DATE ISSUED: 12-17-2021
SCALE: NOTED

SHEET NUMBER:
A5.1
TURN BUILDING

ISSUED FOR BIDDING & PERMIT: DECEMBER 17, 2021

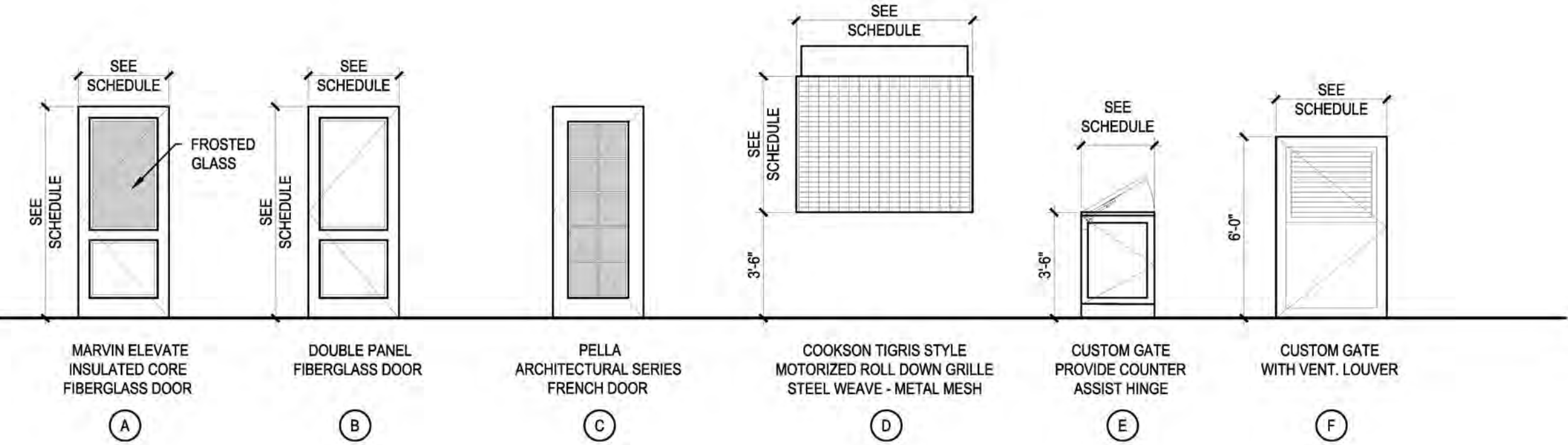
2021-08 ARDSLEY COUNTRY CLUB - TURN BUILDING - DOOR SCHEDULE																		Energy Code	
DOOR No.	LOCATION				DOOR							FRAME					COMMENTS	Door	
	FROM	FINISH	INTO	FINISH	TYPE	MATERIAL	WIDTH	HEIGHT	THICK	HARDWARE FINISH	LABEL	TYPE	MATERIAL	FINISH FROM/ INTO	DETAIL	U-Value		SHGC	
MAIN LEVEL																			
101.1	DINING AREA	P-1	COVERED PATIO	P-1	C	WOOD	3'-0"	7'-0"	1 3/4"	SATIN NICKEL				METAL	P-3	P-3	SPLIT FINISH FRAME	0.31	0.19
102.1	DINING AREA	P-5	SNACK BAR	P-5	E	WOOD	2' - 6"	2' - 6"	1"	SATIN NICKEL				WOOD			DOOR AS PART OF FRONT BAR PANEL		
102.2	SNACK BAR				DOOR	METAL	15' - 3"	4'-6"						STEEL			MOTORIZED ROLL DOWN GRILLE. TWO POINT DEAD LOCKS		
103.1	BACK OF HOUSE	P-3	EXTERIOR	P-3	B	FIBERGLASS	3'-0"	7'-0"	1 3/4"	SATIN NICKEL				METAL	P-3	P-3		0.28	-
104.1	WOMEN'S RESTROOM	P-3	EXTERIOR	P-3	A	FIBERGLASS	3'-0"	7'-0"	1 3/4"	SATIN NICKEL				METAL	P-3	P-3		0.3	0.39
105.1	MEN'S RESTROOM	P-3	EXTERIOR	P-3	A	FIBERGLASS	3'-0"	7'-0"	1 3/4"	SATIN NICKEL				METAL	P-3	P-3		0.3	0.39
106.1	FLAT ROOF	P-2	ATTIC	P-2	F		3'-6"	6'-0"						METAL	P-2	P-2	ACCESS PANEL WITH VENT. LOUVER		

DOOR HARDWARE SCHEDULE																									
DOOR NUMBER	BUTTS (1 1/2 PAIR/DOOR)	NON-REMOVABLE PINS	SPRING LOADED HINGES	PASSAGE FUNCTION	PRIVACY FUNCTION	ENTRANCE/ OFFICE FUNCTION	CLASSROOM FUNCTION	STOREROOM FUNCTION	DEADBOLT LOCK W/ THUMB TURN	DUMMY LEVER SET	DOOR CLOSER	EXIT DEVICE	PUSH PLATE WITH PULL	PUSH PLATE	KICK PLATE (PUSH SIDE)	MOP PLATE (PULL SIDE)	DOOR STOP - FLOOR (F) / WALL (W)	FLUSH BOLT	SILENCERS	WEATHER STRIPPING	HOLD OPEN	SMOKE SEAL	ROBE HOOK	SOUND SEALS	THRESHOLD
MAIN LEVEL																									
101.1	X	X				X					X								X	X	X				X
102.1																									
102.2																									
103.1	X	X							X		X	X	X		X				X	X	X				X
104.1	X	X			X						X		X				F		X	X					X
105.1	X	X			X						X		X				F		X	X					X
106.1	X	X																							

DOOR TYPES

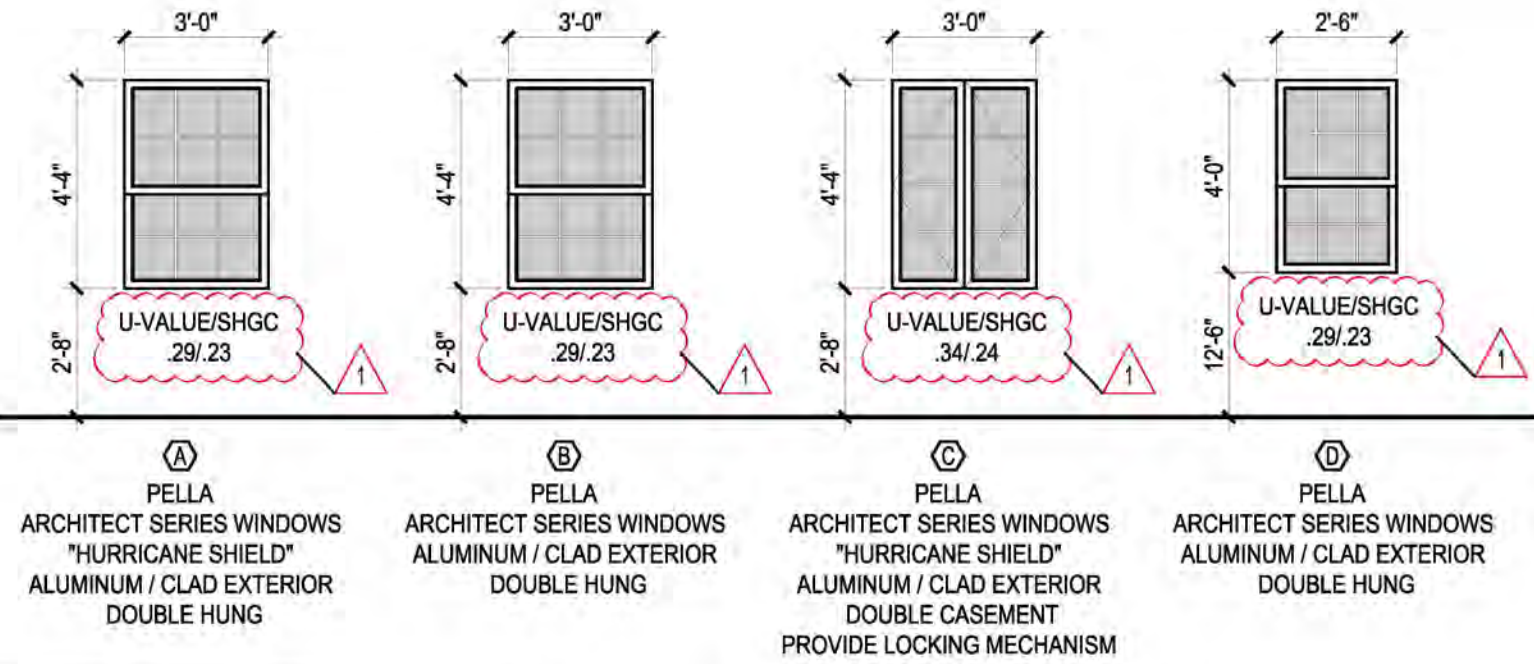
SCALE: 1/4"=1'-0"

1. EXTERIOR DOORS - ULTIMATE COLLECTION - CLEAR INSULATED GLASS, SMOOTH.
2. CLAD EXTERIOR (WHITE), WHITE HARDWARE AND SCREEN SURROUNDS.
3. ALL INTERIOR SURFACES TO BE PRIMED FOR FIELD PAINTING.



WINDOW TYPES

1. CLAD EXTERIOR (WHITE), WHITE HARDWARE AND SCREEN SURROUNDS.
2. ALL INTERIOR SURFACES TO BE PAINTED P-1



NOTE: WINDOW SASHES TO BE PAINTED P-1 "MIDNIGHT OIL" BOTH SIDES U.N.O.

GENERAL NOTES:

1. DOOR & DOOR HARDWARE: QUALITY LEVEL: COMMERCIAL REFER TO SPECIFICATIONS FOR ALL DOOR HARDWARE SETS, MATERIAL FINISHES AND SPECIFIC REQUIREMENTS FOR KEYING.
2. ALL HARDWARE, AS FAR AS PRACTICAL, SHALL BE ONE MANUFACTURER'S MAKE, UNLESS OTHERWISE NOTED. COORDINATE WITH THE OWNER FOR MANUFACTURERS OR COMPATIBLE ALTERNATE. THE CONTRACTOR SHALL SUBMIT TO THE ARCHITECT AND OWNER A LIST OF ALL FINISH AND OPERATING HARDWARE, CATALOG NUMBER AND DESCRIPTION. HARDWARE SCHEDULES SHALL INCLUDE SPECIFICATION NUMBER FOR EACH OPENING.
3. ALL EXTERIOR THRESHOLDS TO BE SET IN FULL MASTIC BED.
4. ALL STAINED DOORS SHALL BE WHITE OAK, U.N.O.
5. ALL PAINTED DOORS SHALL BE PAINT-GRADE HARDWOOD, U.N.O.

DOOR HARDWARE NOTES:

1. DOOR HARDWARE: THE HARDWARE SET REPRESENTS THE DESIGN INTENT AND DIRECTION FOR ALL DOORS LISTED IN THE DOOR SCHEDULE. THEY ARE A GUIDELINE ONLY AND SHOULD NOT BE CONSIDERED A DETAILED HARDWARE SCHEDULE.

DISCREPANCIES, CONFLICTING HARDWARE AND MISSING ITEMS SHOULD BE BROUGHT TO THE ATTENTION OF THE ARCHITECT WITH CORRECTIONS MADE PRIOR TO THE SUBMITTAL PROCESS.

OMITTED ITEMS NOT INCLUDED IN A HARDWARE SET SHOULD BE SCHEDULED WITH THE APPROPRIATE ADDITIONAL HARDWARE REQUIRED FOR PROPER APPLICATION AND FUNCTIONALITY.

IN THE EVENT A HARDWARE SCHEDULE IS NOT PROVIDED AT THE TIME OF BIDDING, THE G.C. SHALL INCLUDE A BID ALLOWANCE FOR ALL DOOR HARDWARE INCLUDING BUT NOT LIMITED TO: ALL EXTERIOR DOORS, INTERIOR DOORS AND EXISTING DOORS TO RECEIVE NEW HARDWARE. REVIEW AND COORDINATE WITH DOOR SCHEDULE. ALLOWANCE AS INDICATED BELOW.

THE G.C. SHALL CARRY IN THEIR BID A MINIMUM ALLOWANCE PER DOOR AS FOLLOWS:

EXTERIOR EGRESS DOORS: \$3,200.00 / LEAF (AS NOTED ON DRAWINGS)
EXTERIOR DOORS: \$1,600.00 / LEAF
INTERIOR DOORS: \$850.00 / LEAF

2. ALL HARDWARE, AS FAR AS PRACTICAL, SHALL BE COMMERCIAL QUALITY LEVEL, COORDINATE WITH THE OWNER FOR MANUFACTURERS OF EXISTING OR COMPATIBLE ALTERNATE.

THE CONTRACTOR SHALL SUBMIT TO THE ARCHITECT A LIST OF ALL FINISH AND OPERATING HARDWARE, CATALOG NUMBERS AND CUT SHEETS FOR A COMPLETE DESCRIPTION OF ALL HARDWARE BEING PROPOSED.

HARDWARE SCHEDULES SHALL INCLUDE SPECIFICATION NUMBER FOR EACH DOOR OPENING.

3. FORWARD HARDWARE TEMPLATES FOR ALL WOOD DOORS TO THE DOOR SUPPLIER FOR PRE-DRILLING.
4. ALL RATED DOORS SHALL BEAR THE UNDERWRITERS LABORATORY LABEL. IN CASES WHERE DOORS ARE RATED, THE DOOR FRAMES SHALL HAVE THE SAME RATING AS THE DOOR IT SERVICES.
5. WHERE NEW HARDWARE IS SPECIFIED FOR EXISTING DOORS AND FRAMES, FIELD VERIFY EXISTING DOOR AND FRAME PRIOR TO ORDERING ANY MATERIAL FOR THE OPENING. PROVIDE FIELD PREPPING FOR NON RATED OPENINGS. ADJUST HARDWARE FOR FIRE RATED OPENINGS SO NOT TO VOID FIRE LISTING LABEL. WHERE DISCREPANCIES EXIST, FURNISH DETAILED REPORT TO THE ARCHITECT AND PROVIDE RESOLUTION FOR REVIEW BY ARCHITECT AND G.C. AS PART OF THE SHOP DRAWING SUBMITTAL PHASE.

6. KEYING MEETING - SUPPLIER TO VERIFY ALL LOCK FUNCTIONS DURING A KEYING MEETING WITH THE OWNER AND G.C. VERIFY KEY TYPE REQUIREMENTS ARE ACCEPTABLE WITH BUILDING USAGE.

Table C402.1.4(Abbreviated)					
Opaque Thermal Envelope Assembly Maximum Requirements, U-Factor Method					
Climate Zone 4A					
Roofs					
Building Component	u-value req'd	u-value		r-value req'd	r-value
Insulation Entirely above roof deck	0.03	0.026		33	38
Walls, above grade					
Wood Framed and other	0.061	0.05		16	21
Slab-on-grade Floors(F-value)					
Unheated slabs	0.52	0.51			
Opaque Doors					
Swinging	0.5	.25-.43			
Table C402.4(Abbreviated)					
Building Envelope Fenestration Maximum U-Factor and SHGC Requirements					
Vertical Fenestration (Climate Zone 4)					
Building Component					
Operable Fenestration	0.43	0.28-0.34			
All Other Vertical Fenestration (Climate Zone 4)					
Entrance Doors	0.77	.18-.51			
SHGC (Climate Zone 4)					
PF ≥ 0.5	0.58	.21-.28			

CERTIFICATION

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CONSULTANT LOGO:

STUDIO JBD, INC.
700 School Street Unit 2
Pawtucket, RI 02860

REVISIONS

No.	DATE	DESCRIPTION
1	12/22	Building Dept Review

PROJECT NAME:

ARDSLEY COUNTRY CLUB
198 NORTH MOUNTAIN DR
DOVERSBURY, NY 10520

SHEET TITLE:

DOORS AND WINDOWS SCHEDULES
HARDWARE NOTES AND DETAILS

JGA
ARCHITECTURE

JEFFERSON GROUP ARCHITECTURE, INC.
700 School Street Unit 2
Pawtucket, RI 02860
Phone:(401) 721-0977 Fax:(401) 721-2338

JOB NUMBER: 2021-08

DRAWN BY: MRH

CHECKED BY: WJJ

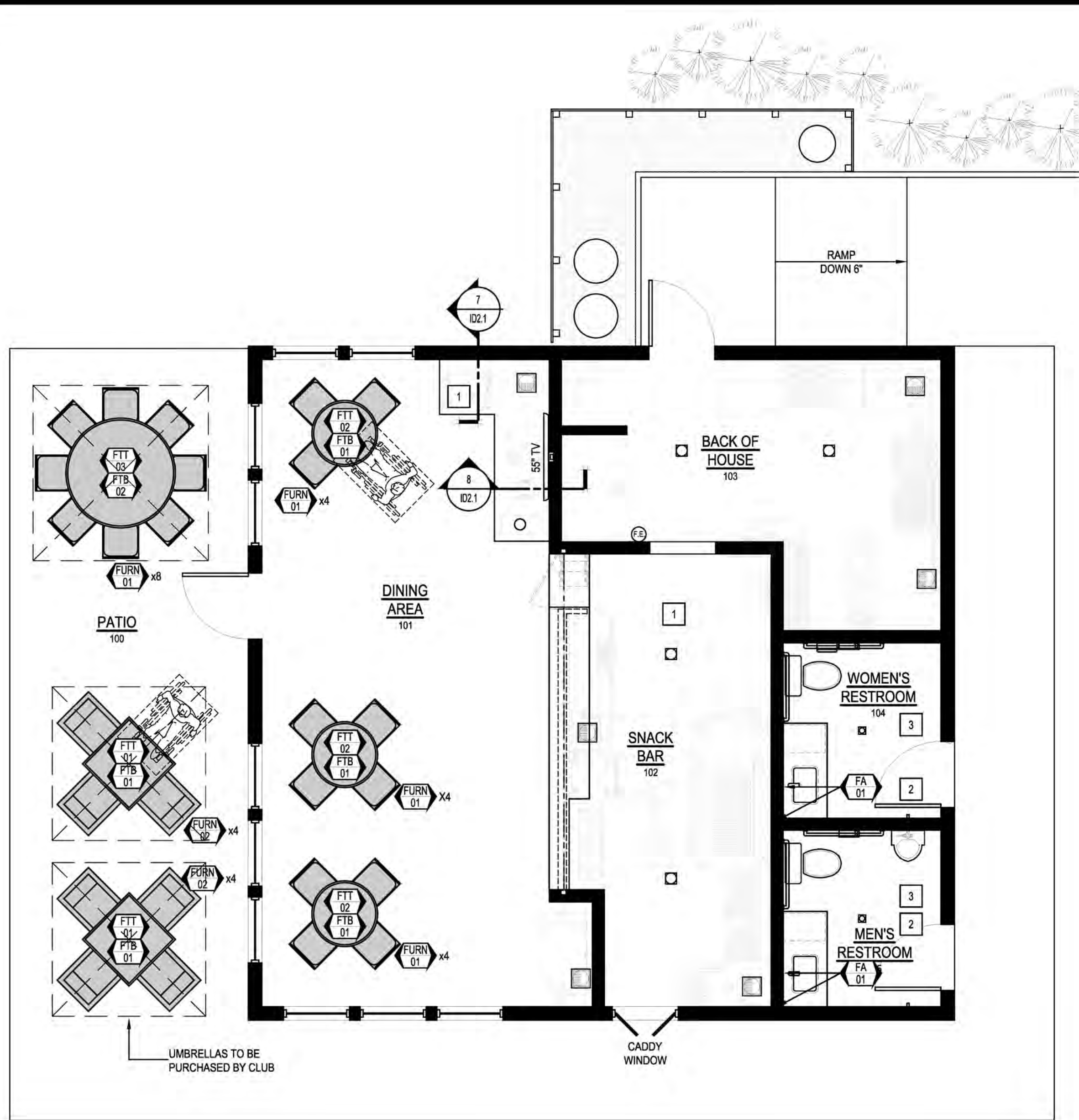
DATE ISSUED: 12-17-2021

SCALE: NOTED

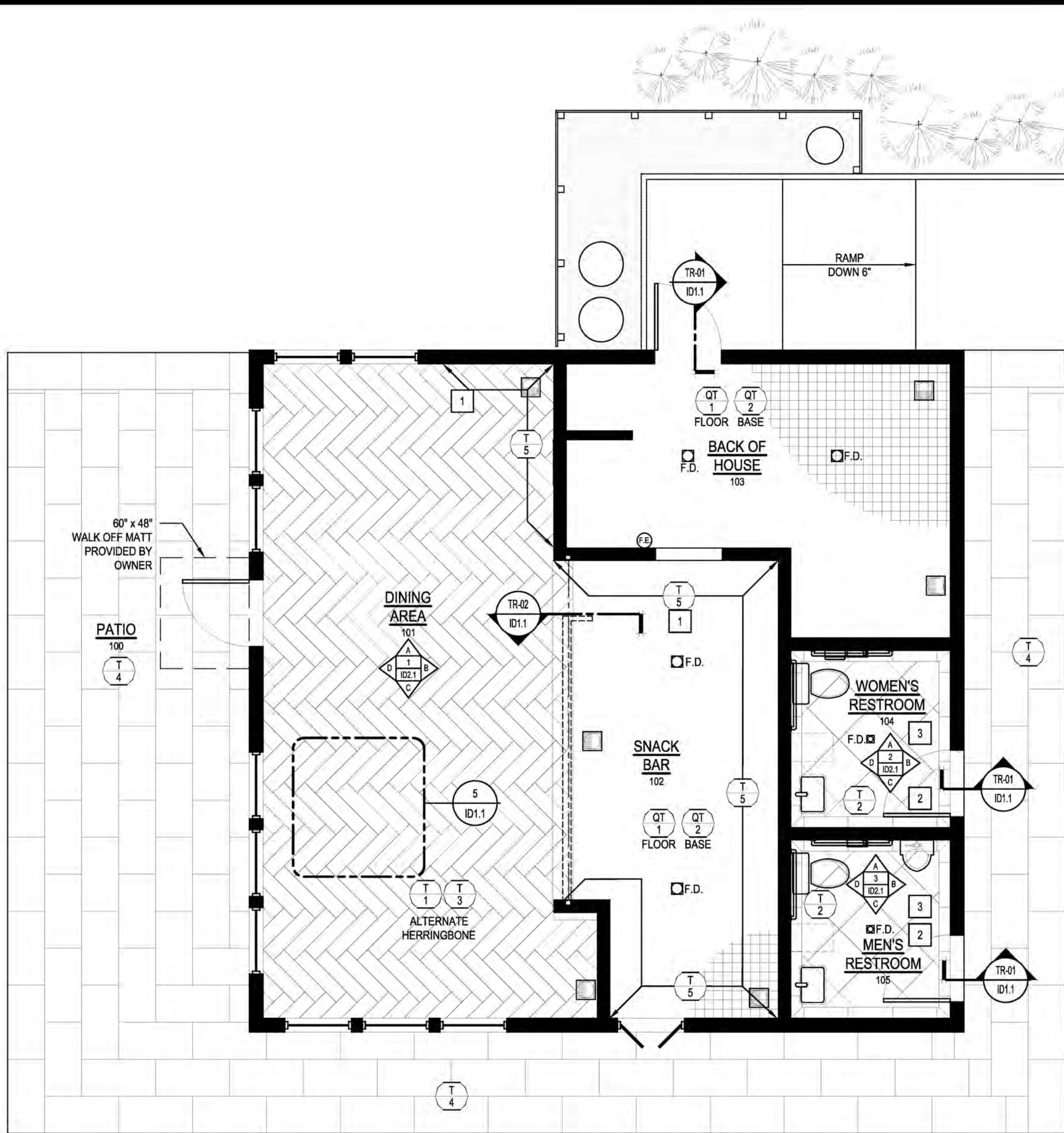
SHEET NUMBER:

A7.1
TURN BUILDING

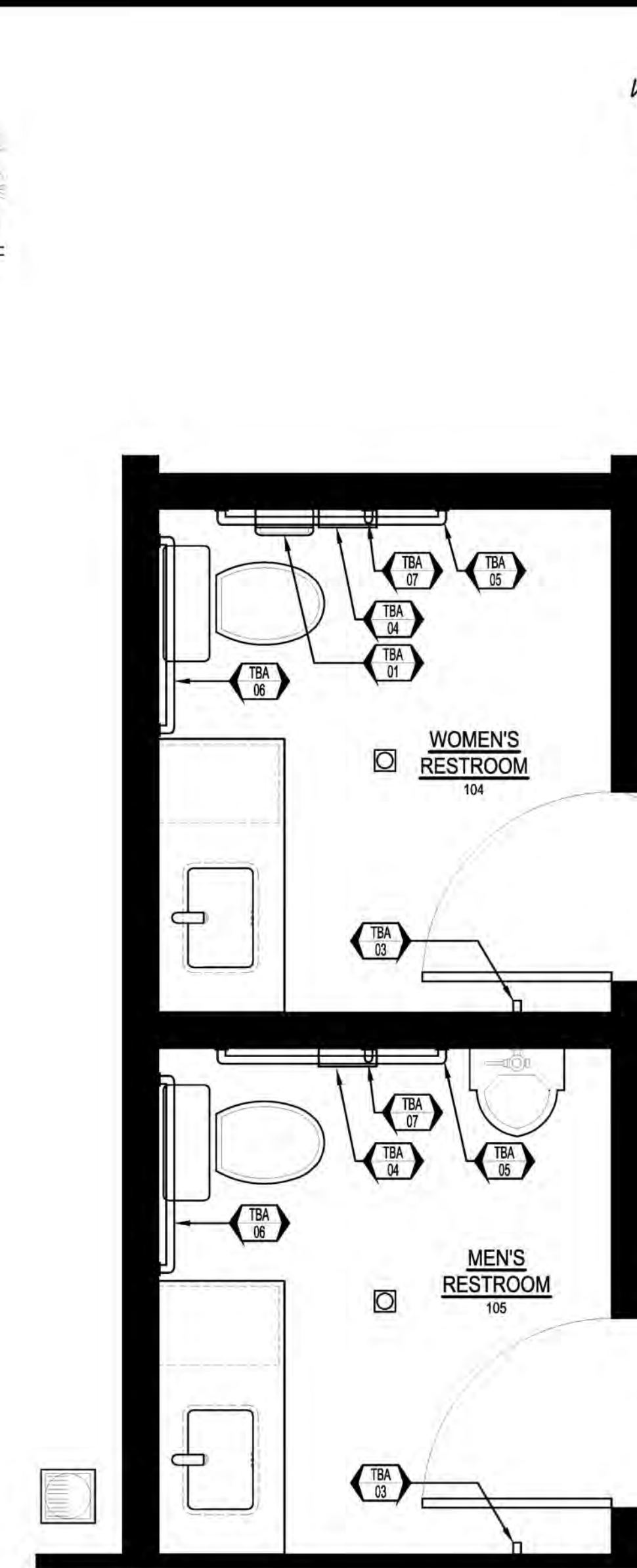
ISSUED FOR BIDDING & PERMIT: DECEMBER 17, 2021



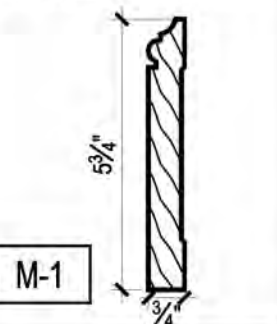
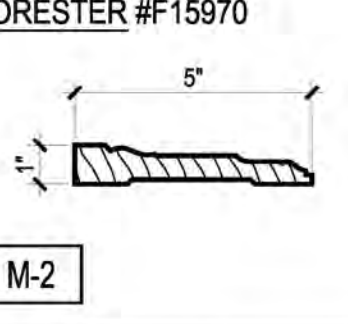
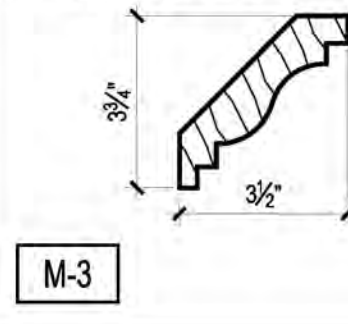
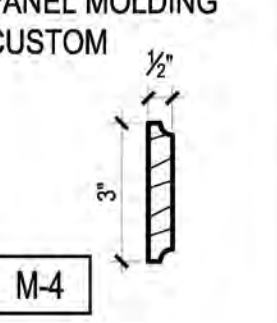
1 FURNITURE PLAN
ID1.1
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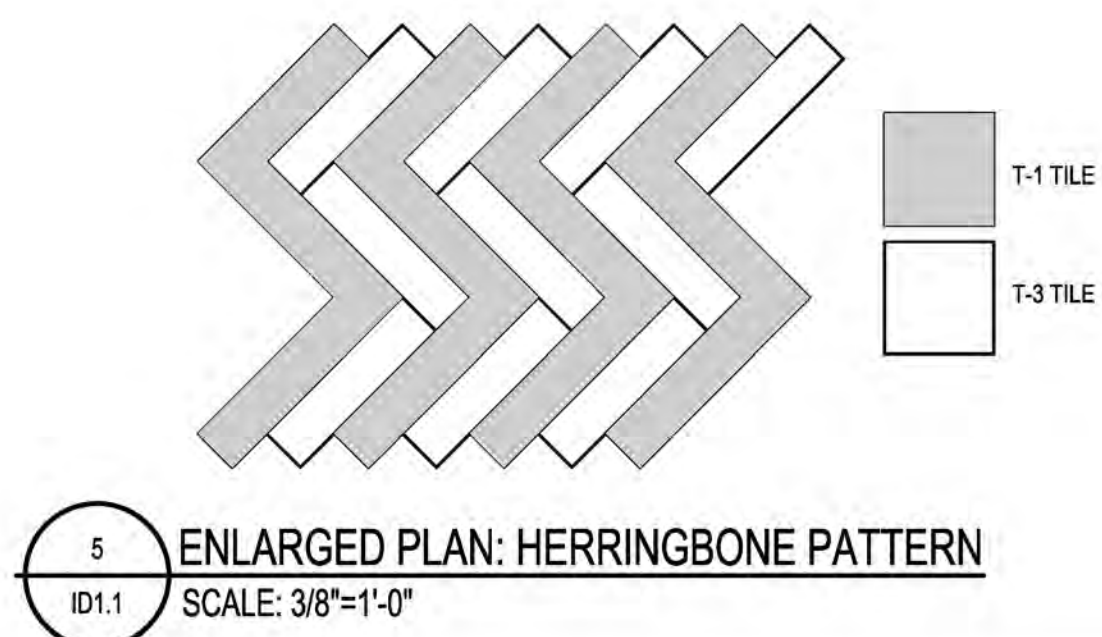
2 FLOOR FINISHES PLAN
ID1.1
SCALE: 1/4"=1'-0"



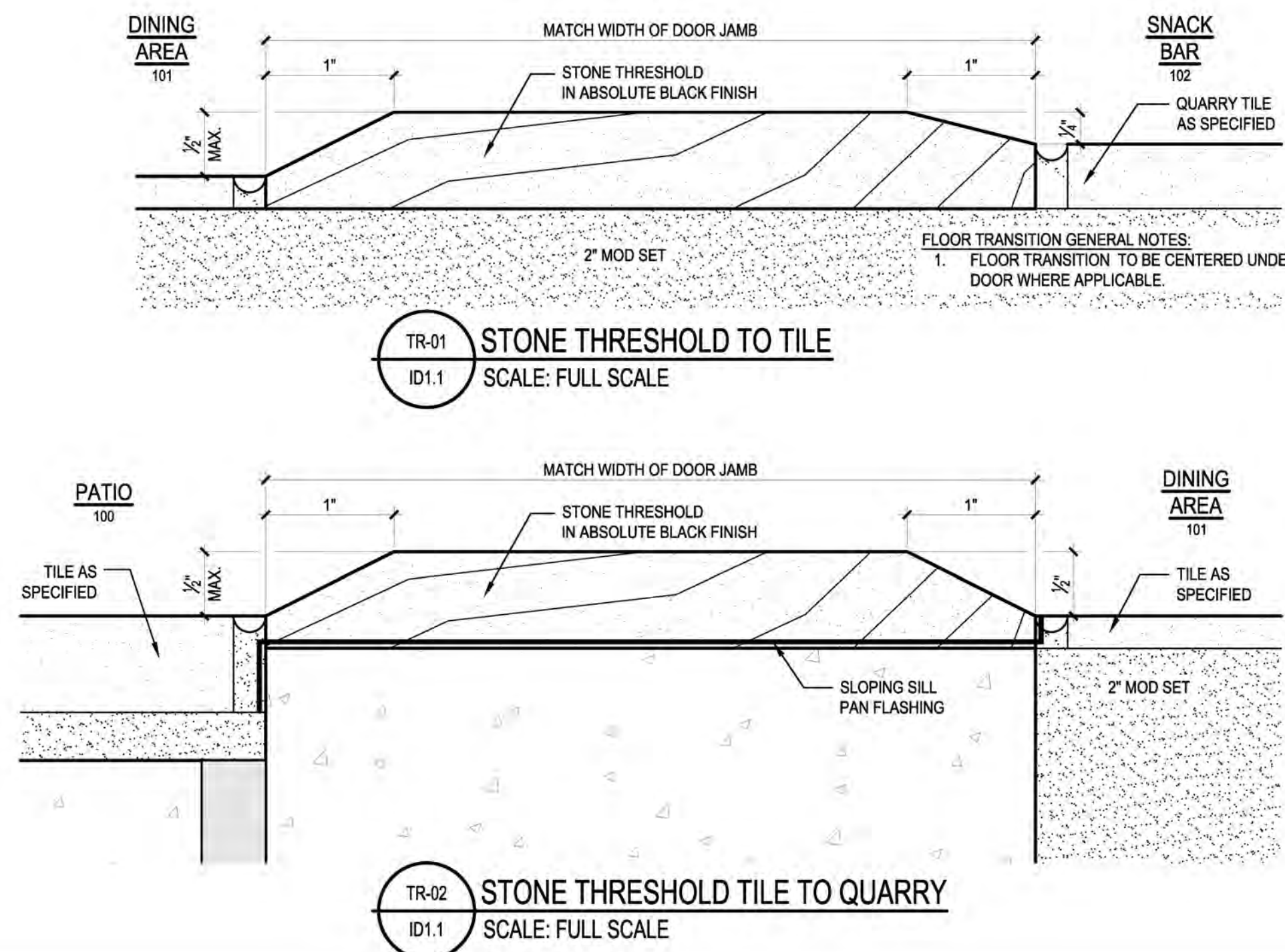
3 ENLARGED BATHROOM PLANS
ID1.1
SCALE: 1/2"=1'-0"

MOLDING SCHEDULE		
TYP. WALL BASE FORESTER #F24470	TYP. DOOR & WINDOW CASE MOLDING FORESTER #F15970	CROWN MOLDING FORESTER #F44650
		
PANEL MOLDING CUSTOM	1. PROFILES SHOWN ARE ARCHITECTURAL WOODWORK INSTITUTE (AWI) INDUSTRY STANDARDS 2. WOOD MATERIAL RECEIVING PAINTED FINISH SHALL BE PAINT GRADE POPLAR UNLESS NOTED OTHERWISE	
	FORESTER MOLDING & LUMBER, INC. 152 HAMILTON ST., LEOMINSTER, MA 01453 (800) 649-9734 WWW.FOSTERMOLDING.COM	

4 Moulding Schedule
ID1.1
SCALE: 1/4"=1'-0"



5 ENLARGED PLAN: HERRINGBONE PATTERN
ID1.1
SCALE: 3/8"=1'-0"



TR-01 STONE THRESHOLD TO TILE
ID1.1
SCALE: FULL SCALE

TR-02 STONE THRESHOLD TILE TO QUARRY
ID1.1
SCALE: FULL SCALE

FINISH PLAN GENERAL NOTES:

- CONTRACTOR SHALL PROVIDE ONE COAT OF PRIMER AND TWO COATS OF EGG-SHELL OR SEMI-GLOSS LATEX PAINT. ALL PAINTED AND SEALED SURFACES ARE TO BE LIGHTLY SANDED BETWEEN COATS TO GIVE A CLEAN SMOOTH FINISH.
- PROVIDE FLOORING TRANSITIONS BETWEEN DISSIMILAR MATERIALS. REFER TO ENLARGED DETAILS FOR MORE INFORMATION.
- LEVEL ALL FLOORS TO 1/8" IN 10'-0" FLASH-PATCH WITH LEVELASTIC @ TRANSITION
- ALL GWB WALLS ARE TO RECEIVE ONE COAT PRIMER AND TWO COATS OF EGG-SHELL WALL PAINT. COLORS AS SCHEDULED. SUBMIT PRODUCT DATA AND COLOR CHIPS TO ARCHITECT FOR APPROVAL.

FINISH PLAN WORKING NOTES:

- ACCENT BACKSPLASH INSTALLED AT SNACK BAR WALLS. FINISH EXPOSED EDGES WITH SCHLUTER QUADCEC PROFILE IN SATIN NICKEL FINISH.
- INSTALLER TO CUT DOWN 12X24 TILE TO ACCOMMODATE 6X24 BORDER MITER AT CORNERS
- INSTALLER TO CENTER PATTERN IN SPACE

TO THE BEST OF MY KNOWLEDGE, BELIEF, AND PROFESSIONAL JUDGEMENT OF THE UNDERSIGNED, THE PLANS AND SPECIFICATIONS DEPICTED ON THESE DRAWINGS REPRESENT THE INTENT OF THE ARCHITECT AND ARE TO BE CONSIDERED THE FINAL DESIGN. THE ARCHITECT DOES NOT WARRANT OR GUARANTEE THE ACCURACY OF THE INFORMATION PROVIDED HEREON. THE ARCHITECT'S LIABILITY IS LIMITED TO THE DESIGN AND CONSTRUCTION OF THE BUILDING AND NOT TO THE PERFORMANCE OF THE BUILDING OR THE RESULTS THEREOF. THE ARCHITECT'S LIABILITY IS LIMITED TO THE DESIGN AND CONSTRUCTION OF THE BUILDING AND NOT TO THE PERFORMANCE OF THE BUILDING OR THE RESULTS THEREOF. THE ARCHITECT'S LIABILITY IS LIMITED TO THE DESIGN AND CONSTRUCTION OF THE BUILDING AND NOT TO THE PERFORMANCE OF THE BUILDING OR THE RESULTS THEREOF.



CERTIFICATION

THIS DRAWING IS PART OF AN INTEGRATED SET OF CONSTRUCTION CONTRACT DOCUMENTS.

REFER TO ALL DRAWINGS AND SPECIFICATIONS INCLUDING BUT NOT LIMITED TO "GENERAL CONDITIONS," "SUMMARY OF WORK," AND ANY TECHNICAL SPECIFICATIONS.

REFER TO ALL OF THE DRAWINGS FOR COMPLETE SCOPE OF WORK. THIS DRAWING IS NOT TO BE USED AND/OR USED AS AN AS-BUILT.

CONSULTANT LOGO:

STUDIO JBD

STUDIO JBD, INC.
700 School Street, Unit 2
Pawtucket, RI 02860
Phone: (401) 721-0977 Fax: (401) 721-2238

REVISIONS	DESCRIPTION
No. DATE	
1 130221	BUILDING DEPT REVIEW

PROJECT NAME:

95

18

ARDSLEY COUNTRY CLUB
198 NORTH MOUNTAIN DR
DOBBS FERRY, NY 10522

SHEET TITLE:

FURNITURE AND FLOOR FINISHES PLAN

JGA
ARCHITECTURE

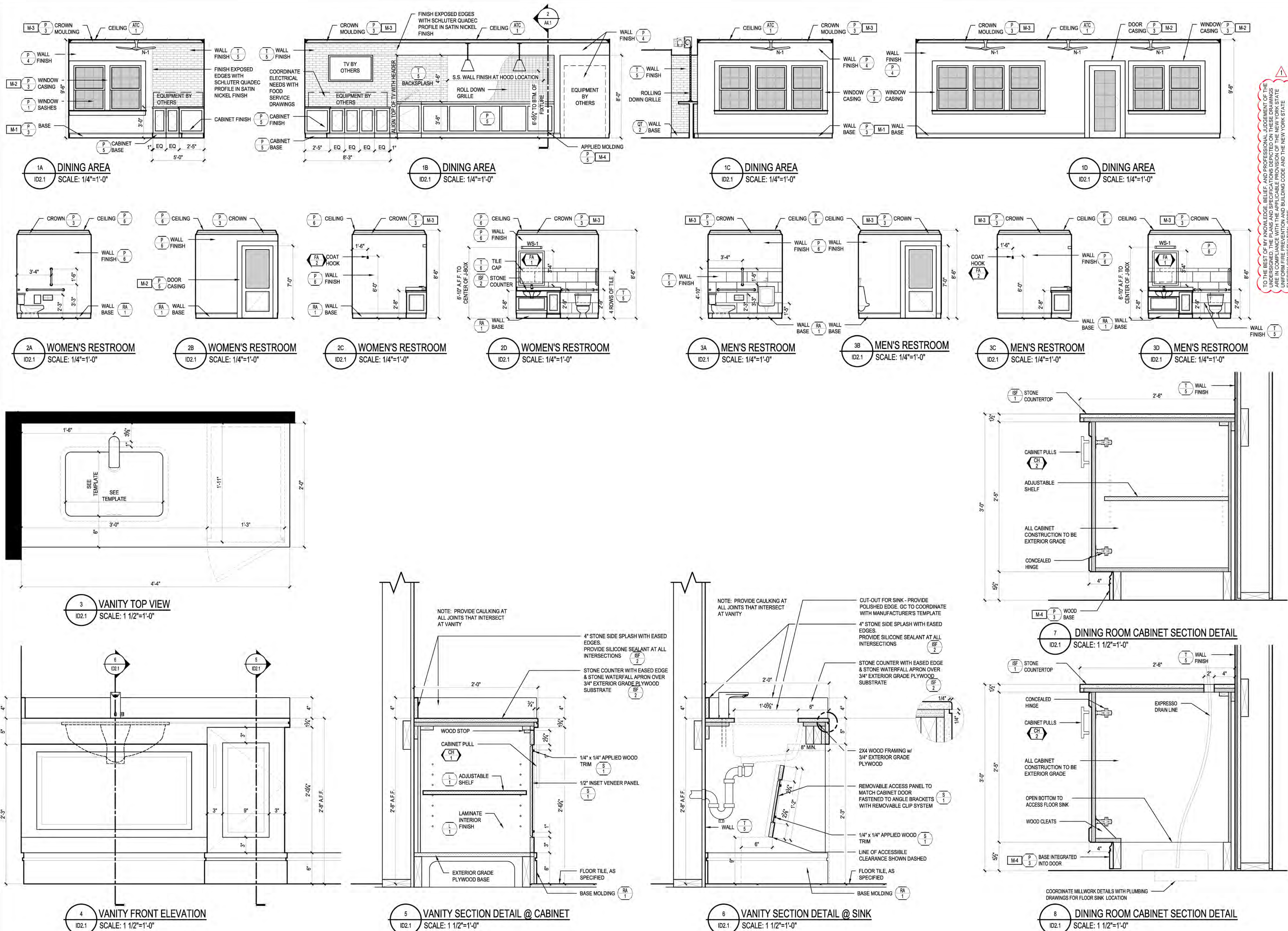
JEFFERSON GROUP ARCHITECTURE, INC.
700 School Street, Unit 2
Pawtucket, RI 02860
Phone: (401) 721-0977 Fax: (401) 721-2238

JOB NUMBER: 2021-08
DRAWN BY: MRH
CHECKED BY: WJJ / RW
DATE ISSUED: 12-17-2021
SCALE: NOTED

SHEET NUMBER:

ID1.1
TURN BUILDING

ISSUED FOR BIDDING & PERMIT: DECEMBER 17, 2021



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No.	DATE	DESCRIPTION
1	12/17/2021	BUILDING DEPT REVIEW

PROJECT NAME:

ARDSLEY COUNTRY CLUB
198 NORTH MOUNTAIN DR
DOBBS FERRY, NY 10522

SHEET TITLE:
INTERIOR ELEVATIONS AND INTERIOR DETAILS

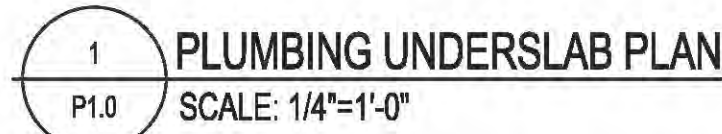
JGA
ARCHITECTURE

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JOB NUMBER: 2021-08
DRAWN BY: MRH
CHECKED BY: WJJ / RW
DATE ISSUED: 12-17-2021
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SHEET NUMBER:

ID2.1
TURN BUILDING

ISSUED FOR BIDDING & PERMIT: DECEMBER 17, 2021



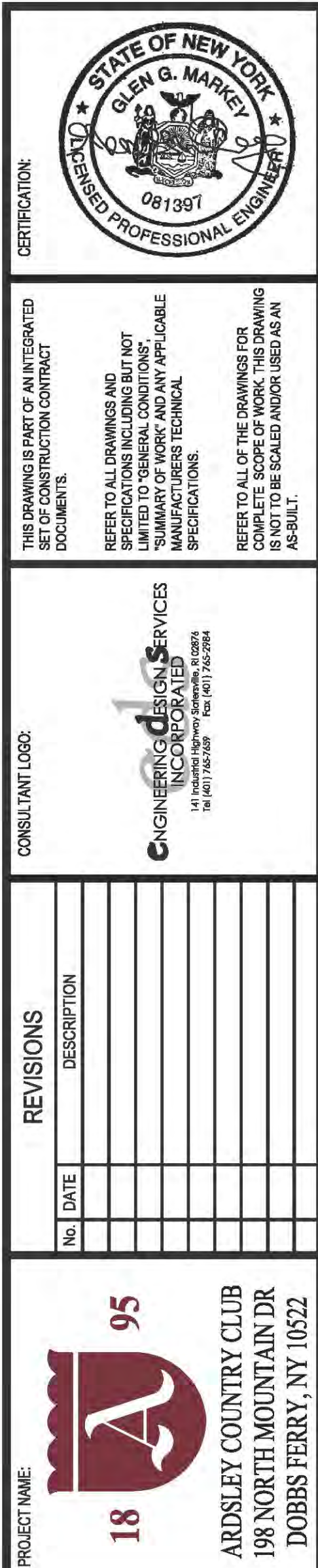
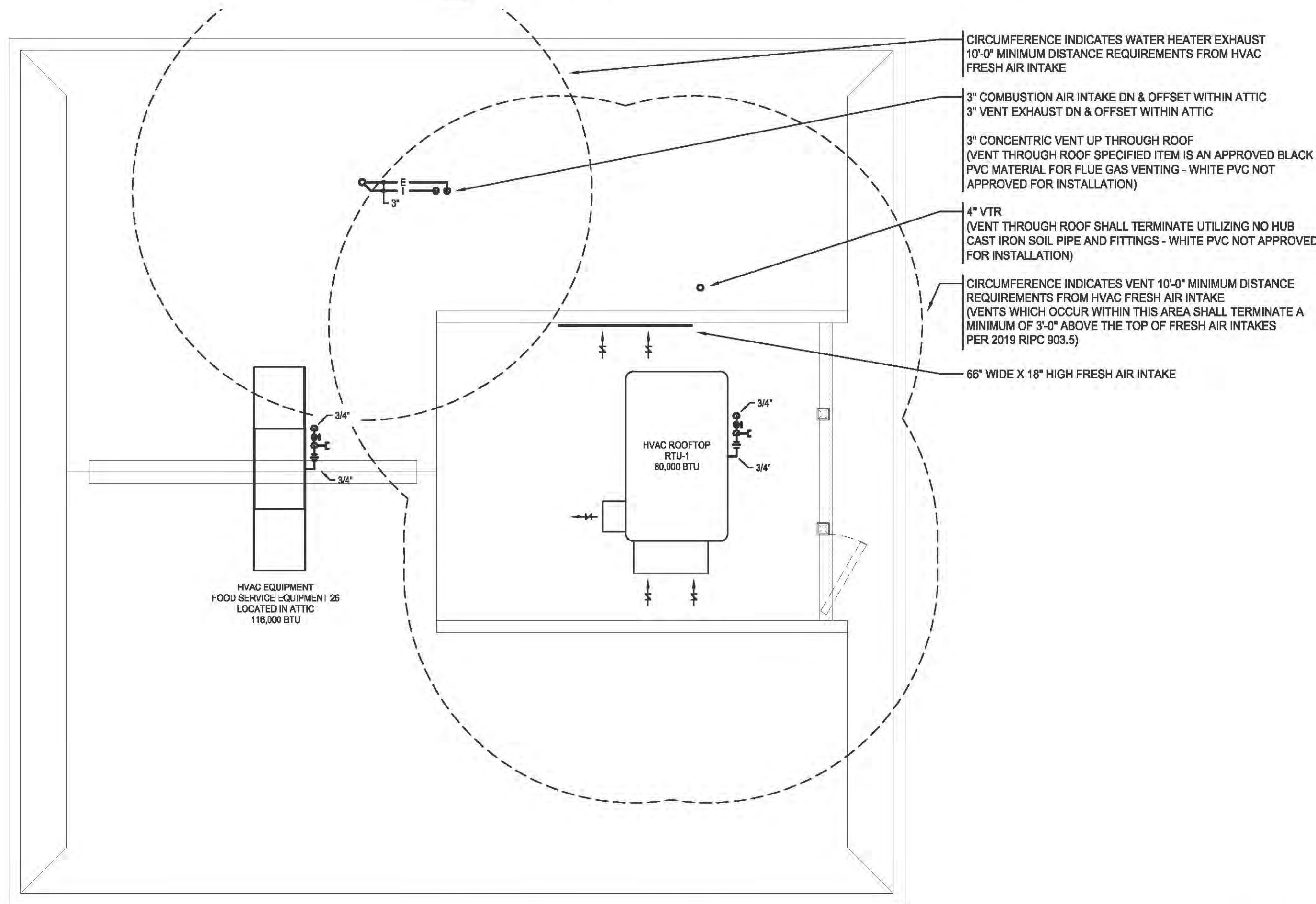
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1. NATURAL GAS WATER HEATER

RINNAI CU199P
(LIQUEFIED PETROLEUM CONSUMPTION 198 CFH WITH A RECOVERY RATE OF 4.8 GPM AT 100°F RISE)
(SUPPLY PRESSURE 8 WC TO 13.5" WC)
2. WATER HEATER TEMPERATURE SHALL BE SET AT 140°F.
3. X" CW PIPING DROP WITH SHUTOFF VALVE, DV-A, CHECK VALVE WITH 1/8" HOLE DRILLED IN CLAPPER, THERMAL EXPANSION TANK AND VACUUM BREAKER.
X" HWC CONNECTION TO COLD WATER WITH CIRCULATION PUMP, ASSOCIATED SHUTOFF VALVES, CHECK VALVE, AQUASTAT, DV-A AND TIME CLOCK.
4. X" HW PIPING DROP WITH SHUTOFF VALVE, DV-A AND THERMOMETER
5. X" LP PIPING DROP WITH SHUTOFF VALVE, WATER HEATER EMERGENCY GAS SOLENOID VALVE, PRESSURE GAUGE AND SEDIMENT LEG (312,000 BTU) (SOLENOID VALVE POWER TO BE CONNECTED TO EMERGENCY PUSH-BUTTON)
6. ALL PIPE CONNECTIONS SHALL BE PROVIDED WITH A DIELECTRIC UNION
7. HEATER TO BE PROVIDED WITH 3" COMBUSTION AIR INTAKE AND EXHAUST.
8. INSTALLATION SHALL BE IN STRICT ACCORDANCE WITH MANUFACTURERS INSTALLATION MANUAL
9. EACH WATER HEATER CONDENSATE OUTLET SHALL BE PROVIDED WITH A CONDENSATE NEUTRALIZING TUBE (CONDENSATE NEUTRALIZING TUBE SHALL BE HORIZONTALLY MOUNTED BENEATH EACH WATER HEATER ON WALL AND OUTLET TUBING SHALL SPILL TO FLOOR DRAIN - CONDENSATE SHALL SATISFY TRAP PRIMER REQUIREMENTS)
10. A LAMINATED SIGN SHALL BE STENCILED ON OR IN THE IMMEDIATE AREA OF THE CONDENSATE NEUTRALIZING TUBE IN LETTERS ONE INCH HIGH. THE SIGN SHALL STATE THE FOLLOWING IN EXACT LANGUAGE:

DESIGNATION	EQUIPMENT DESCRIPTION	SERVICE SIZE								REMARKS
		CW	HW	140HW	S/W	KW	IW	V	LP	
8	THREE COMPARTMENT POT SINK	3/4" *	-	3/4" *	-	3"	-	3"	-	EACH ACTUAL BOWL SIZE 16" x 19" x 14D" AT 75% FULL CAPACITY WITH 2 MINUTE FLOW CONTROL = 21 GPM SANITIZE COMPARTMENT SHALL BE PROVIDED WITH A CHEMICAL SANITATION AGENT 3" P-TRAP, (2)SA-A, EACH COMPARTMENT TO INDIRECTLY WASTE TO FLOOR SINK
13	ICE MACHINE	1/2"	-	-	-	-	(2) 3/4"	-	-	WATTS LF9D DUAL CHECK WITH ATMOSPHERIC PORT AND SA-A
14	ICE BIN	-	-	-	-	-	3/4"	-	-	-
15	WATER FILTER	3/4"	-	-	-	-	-	-	-	-
15.1	FLOOR TROUGH	-	-	-	4"	-	-	3"	-	-
18	HAND SINK	1/2"	-	1/2"	2"	-	-	2"	-	WATTS LFG480 SERIES THERMOSTATIC MIXING VALVE. LOCATE AS HIGH AS POSSIBLE UNDER SINK, OUTLET WATER SHALL BE SET TO A MAXIMUM TEMPERATURE OF 110 DEGREES, PROVIDE (2)SA-A
24	EXHAUST HOOD	-	-	-	-	-	-	-	-	HEAT SENSORS INCLUDED TO COMPLY WITH 2015 INTERNATIONAL FUEL GAS CODE 605.1.1 EXCEPTION GREASE TRAP NOT REQUIRED - WASH DOWN SYSTEM NOT PROVIDED EXHAUST HOOD FURNISHED WITH A STANDARD GREASE CUP FOR MANUAL EMPTYING.
28	MAKEUP AIR UNIT	-	-	-	-	-	-	-	-	107,000 BTU
30	FRYOLATOR	-	-	-	-	-	-	-	-	122,000 BTU
31	GRIDDLE	-	-	-	-	-	-	-	-	70,000 BTU
32	CHARBROILER	-	-	-	-	-	-	-	-	120,000 BTU
41	REFRIGERATED SELF SERVICE CASE	-	-	-	-	-	3/4"	-	-	-
45	ICE CHEST	-	-	-	-	-	1/2"	-	-	-
46	SODA GUN	-	-	-	-	-	1/2"	-	-	-
48	SODA BOX RACK	1/2"	-	-	-	-	-	-	-	SA-A AND WATTS LFSD-3 DUAL CHECK VALVE WITH STRAINER (EXTEND RELIEF PORT TO FS)
50	BEER COOLER	-	-	-	-	-	1/2"	-	-	-
57	ESPRESSO MACHINE	1/2"	-	-	-	-	1/2"	-	-	WATER FROM ITEM 60
58	COFFEE BREWER	1/2"	-	-	-	-	1/2"	-	-	WATER FROM ITEM 60
59	TEA BREWER	1/2"	-	-	-	-	1/2"	-	-	WATER FROM ITEM 60
60	WATER FILTER SYSTEM	3/4"	-	-	-	-	1/2"	-	-	WATTS LF7R DUAL CHECK VALVE AND SA-A SERVES ITEMS 57, 58 AND 59

1. REFER TO KITCHEN EQUIPMENT DRAWINGS FOR ADDITIONAL INFORMATION.
2. EQUIPMENT PURCHASED MAY VARY SLIGHTLY FROM THAT INDICATED AND THEREFORE REQUIRE SOME REARRANGEMENTS OF EQUIPMENT DIFFERENT FROM THAT INDICATED ON THE DRAWINGS. MAKE CONNECTIONS TO SUCH REARRANGED EQUIPMENT WITHOUT ADDITIONAL COST TO THE OWNER
3. ROUGHING SHALL NOT BE UNDERTAKEN UNTIL ARCHITECT HAS APPROVED EQUIPMENT AND FIXTURE SHOP DRAWINGS AND KITCHEN TEMPLATE IS FURNISHED BY PERMITMANUFACTURER SO THAT CONNECTING REQUIREMENTS MAY BE VERIFIED AND WORK INSTALLED IN A NEAT AND WORKMANLIKE MANNER. EXACT LOCATION OF SERVICE CONNECTIONS SHALL BE OBTAINED PRIOR TO ROUGHING.
4. ALL FINAL CONNECTIONS TO KITCHEN EQUIPMENT AND FIXTURES SHALL BE BY THE PLUMBING CONTRACTOR.
5. ALL EXPOSED VALVES, PIPING AND FITTINGS SHALL BE SCREWED BRASS CHROME PLATED.
6. PLUMBING CONTRACTOR SHALL PROVIDE EACH CONNECTION TO EACH PIECE OF EQUIPMENT ITS OWN INDIVIDUAL WATER OR GAS FULL SIZE SHUTOFF VALVE UNLESS OTHERWISE INDICATED.
7. KITCHEN EQUIPMENT CONTRACTOR SHALL PROVIDE ALL KITCHEN EQUIPMENT LISTED IN THE KITCHEN EQUIPMENT SCHEDULE INCLUDING EQUIPMENT TRIM, FAUCETS, SINK WASTES, TAIL PIECES AND VACUUM BREAKERS. PLUMBING CONTRACTOR SHALL PROVIDE FULL SIZE TRAP AND EXTENSION. PLUMBING CONTRACTOR SHALL ASSEMBLE AND INSTALL ALL KITCHEN EQUIPMENT LISTED IN THE KITCHEN EQUIPMENT SCHEDULE INCLUDING TRIM, FAUCETS, SINK WASTE, TAIL PIECES, VACUUM BREAKERS, TRAP AND EXTENSIONS.
8. CUSTOM FABRICATED FLOOR DRAINS AS INDICATED ON THE DRAWINGS ARE TO BE SUPPLIED AND THEIR EXACT LOCATION COORDINATED BY THE KITCHEN EQUIPMENT CONTRACTOR AND INSTALLED BY THE PLUMBING CONTRACTOR.
9. INDIRECT WASTE PIPING NOT INDICATED, REFER TO FOOD SERVICE EQUIPMENT PLUMBING ROUGHING PLAN FOR ADDITIONAL INFORMATION. INDIRECT WASTE PIPING SHALL BE PROVIDED AND FIELD COORDINATED TO SPILL TO FLOOR SINK.
10. ALL INDIRECT WASTE PIPING SHALL BE MECHANICALLY SUPPORTED AT TWO LOCATIONS IN THE LAST 24 INCHES, ANY PIPING LESS THAN 24 INCHES SHALL BE MECHANICALLY SUPPORTED A MINIMUM OF ONE LOCATION.
11. ALL INDIRECT WASTE PIPING SHALL BE COPPER. PVC SHALL NOT BE ALLOWED.
12. ALL INDIRECT WASTE PIPING SHALL TERMINATE BY MEANS OF AN AIR GAP. AIR BREAKS WILL NOT BE PERMITTED.
13. ALL INDIRECT WASTE PIPING THAT EXCEEDS TWO FEET IN DEVELOPED LENGTH MEASURED HORIZONTALLY OR FOUR FEET IN TOTAL DEVELOPED LENGTH SHALL BE TRAPPED. SHOULD THE DRAWINGS INDICATE THAT THERE IS NO TRAP SERVING A PIECE OF EQUIPMENT, HOWEVER DO TO MISCELLANEOUS DISCREPANCIES AND COORDINATION SHOULD THE LENGTH EXCEED THE MINIMUM REQUIREMENTS, A TRAP SHALL BE PROVIDED.
14. WHERE GAS PIPING IS SHOWN DROPPING BEHIND FOOD SERVICE EQUIPMENT WITH SIZE NOTED, THAT SIZE SHALL BE CARRIED FULL LENGTH SERVING ALL EQUIPMENT. REFER TO PLUMBING FIXTURE SCHEDULE ON THIS DRAWING FOR INDIVIDUAL FIXTURE SERVICE SIZES.

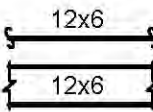
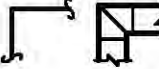


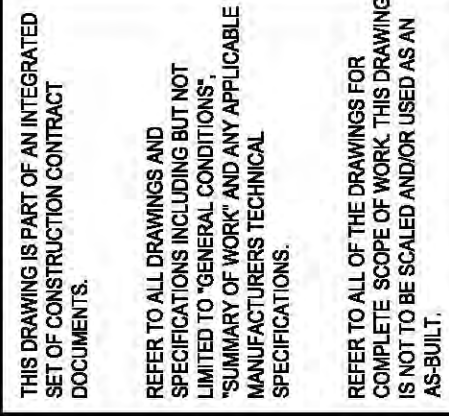
SHEET TITLE:	
PLUMBING FLOOR PLAN AND ROOF PLAN	
	
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JGA	

GENERAL CONSTRUCTION NOTES:

1. ALL WORK IS TO BE PERFORMED IN STRICT COMPLIANCE WITH LOCAL CODES AND ALL OTHER REGULATIONS GOVERNING WORK OF THIS NATURE.
2. THE CONTRACTOR IS RESPONSIBLE FOR ALL WORK, MATERIALS, AND LABOR TO SATISFY A COMPLETE WORKING SYSTEM WHETHER SPECIFIED OR IMPLIED.
3. THIS CONTRACTOR, PRIOR TO SUBMITTING HIS BID, SHALL VISIT THE PROJECT SITE TO FAMILIARIZE HIMSELF WITH ALL EXISTING CONDITIONS. REQUESTS FOR COMPENSATION FOR EXTRA WORK, WHICH WOULD HAVE BEEN EVIDENT BY COMPLIANCE WITH THE PREVIOUS STATEMENT, WILL NOT BE CONSIDERED. THE CONTRACTOR SHALL CONDUCT A THOROUGH FIELD INVESTIGATION TO VERIFY WORK SHOWN ON THE DRAWINGS. THE DRAWINGS REFLECT THE BEST AVAILABLE INFORMATION FROM EXISTING PLANS AND SITE INVESTIGATIONS.
4. THE MECHANICAL PLANS ARE INTENDED TO BE DIAGRAMMATIC AND ARE BASED ON ONE MANUFACTURER'S EQUIPMENT. THEY ARE NOT INTENDED TO SHOW THE EXACT ROUTING OF SYSTEMS OR LOCATION OF COMPONENTS. THE EXACT LOCATIONS, DIMENSIONS AND ALL OTHER DETAILS OF EQUIPMENT ARE THE RESPONSIBILITY OF THIS CONTRACTOR. THIS CONTRACTOR SHALL VERIFY THE ACTUAL DIMENSIONS OF THE EQUIPMENT PROPOSED TO ENSURE THAT THE EQUIPMENT WILL FIT IN THE AVAILABLE SPACE. PROVIDE ALL DUCT AND PIPE TRANSITIONS REQUIRED FOR CONNECTION TO EQUIPMENT.
5. THIS CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS PRIOR TO PROCEEDING WITH ANY WORK WHERE DISCREPANCIES OCCUR BETWEEN THESE DOCUMENTS AND EXISTING CONDITIONS. THE DISCREPANCY SHALL BE REPORTED TO THE OWNER AND/OR ENGINEER FOR EXPEDITING AND RESOLVE.
6. ALL WORK SHALL BE PERFORMED IN A CLEAN AND WORKMANLIKE MANNER. CARE SHALL BE EXERCISED TO MINIMIZE ANY INCONVENIENCE OR DISTURBANCE TO OTHER AREAS OF THE BUILDING WHICH ARE TO REMAIN IN OPERATION. ISOLATE WORK AREAS BY MEANS OF TEMPORARY PARTITIONS AND/OR TARPS TO KEEP DUST AND DEBRIS WITHIN THE CONSTRUCTION AREA.
7. CLEAN THE JOB SITE DAILY AND REMOVE FROM THE PREMISES ANY DIRT AND DEBRIS CAUSED BY THE PERFORMANCE OF THE WORK INCLUDED IN THIS CONTRACT.
8. ALL OPENINGS IN WALLS SHALL BE KEPT PROPERLY SEALED AT ALL TIMES, EXCEPT WHEN BEING WORKED ON TO PRECLUDE THE POSSIBILITY OF FLOODING DUE TO STORM OR OTHER CAUSES.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SAFEKEEPING OF HIS OWN PROPERTY ON THE JOB SITE. OWNER ASSUMES NO RESPONSIBILITY FOR PROTECTION OF PROPERTIES AGAINST FIRE, THEFT, AND ENVIRONMENTAL CONDITIONS.
10. THIS CONTRACTOR SHALL COORDINATE HIS WORK WITH ALL OTHER TRADES PRIOR TO FABRICATION, PURCHASE/AND/OR INSTALLATION OF ALL WORK. ALL OFFSETS IN PIPING AND DUCTS TO AVOID OBSTRUCTIONS SHALL BE PROVIDED AT NO COST TO THE OWNER.
11. CONTRACTOR SHALL REFER TO THE COMPLETE SET OF CONTRACT DOCUMENTS INCLUDING SPECIFICATIONS AND OTHER TRADES FOR A FULL UNDERSTANDING OF ALL WORK REQUIRED.
12. WHERE USED THE TERM "PROVIDE" SHALL MEAN "FURNISH AND INSTALL".
13. PROVIDE ALL REQUIRED RIGGING TO ACCOMMODATE THE REMOVAL & INSTALLATION OF ALL EQUIPMENT.
14. PROVIDE ACCESS PANELS FOR ALL CONCEALED DAMPERS, VALVES, AND EQUIPMENT. THE EXACT LOCATION AND SIZE OF EACH ACCESS PANEL SHALL BE NOTED ON A SHOP DRAWING.
15. ALL EQUIPMENT AND MATERIALS SHALL BE AS SPECIFIED OR "APPROVED EQUAL" BY THE ENGINEER OR ARCHITECT.
16. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION OF REGISTERS, DIFFUSERS, AND GRILLES.
17. CONTRACTOR SHALL SPRAY PAINT INSIDE OF DUCT BLACK, BEHIND ALL GRILLES AND REGISTERS.
18. ALL DUCTWORK AND PIPING SHALL BE INSTALLED AS INDICATED ON THE DRAWINGS IN A NEAT AND WORKMANLIKE MANNER AND BE SUPPORTED AS REQUIRED BY CODES. DUCTWORK AND PIPING SHALL BE SET UP AND DOWN AND OFFSET AS REQUIRED TO SUIT FIELD CONDITIONS. DIELECTRIC COUPLINGS SHALL BE USED WHERE DISSIMILAR METALS ARE JOINED.
19. IF A SECTION OF DUCT OR PIPE IS NOT LABELED FOR SIZE, THEN THE LARGER SIZE INDICATED ON THE DRAWINGS SHALL PREVAIL. SIZE OF DUCT RUN-OUTS TO DIFFUSERS SHALL EQUAL DIFFUSER NECK SIZE UNLESS OTHERWISE NOTED.
20. PROVIDE ALL NECESSARY TEMPORARY OR PERMANENT CAPS OR PLUGS FOR PIPING. DO NOT LEAVE PIPING OPEN ENDED.
21. PROVIDE CONDENSATE PUMPS THROUGHOUT CONDENSATE DRAINAGE SYSTEM AS REQUIRED TO PROPERLY REMOVE CONDENSATE. PROVIDE A PER PUMP LINE-ITEM ALLOWANCE.
22. REFRIGERANT PIPE SIZING SHALL BE PER MANUFACTURER'S RECOMMENDATIONS. LENGTH OF PIPE, ELEVATION CHANGE AND EQUIPMENT ORIENTATION SHALL BE TAKEN INTO ACCOUNT.
23. SUCCESSFULLY PRESSURE TEST ALL REROUTED PIPING SYSTEMS. TEST SHALL BE PERFORMED AT TWICE SYSTEM OPERATING PRESSURES. REPAIR AND RETEST AS REQUIRED UNTIL SYSTEMS PROVE TIGHT.
24. ANY UNITS INSTALLED WITHIN 10 FEET OF A ROOF EDGE SHALL BE PROVIDED WITH FALL PROTECTION HOOKS OR GUARD NOT LESS THAN 30" BEYOND EACH UNIT END. TOP OF GUARD SHALL BE LOCATED NOT LESS THAN 42" ABOVE THE SURFACE. HOOKS AND GUARDS TO BE FABRICATED & SUPPORTED PER BUILDING CODE.
25. ALL CONCEALED ELECTRICAL CONNECTIONS SHALL BE HARD WIRED. PLUGS SHALL NOT BE USED AS A DISCONNECTING MEANS IN CONCEALED LOCATIONS.
26. CONTRACTOR SHALL PROVIDE ALL TEMPERATURE CONTROLS INCLUDING WIRING, TUBING, AND THERMOSTATS (WITH LOCKING COVERS) AND ALL MISCELLANEOUS APPURTENANCES TO MEET THE INTENT OF THESE DOCUMENTS. THERMOSTATS SHALL BE INSTALLED 48" AFF.
27. DUCT SMOKE DETECTORS SHALL BE FURNISHED BY ELECTRICAL CONTRACTOR, INSTALLED IN THE DUCTWORK BY MECHANICAL CONTRACTOR AND WIRED BY THE ELECTRICAL CONTRACTOR.
28. ALL FRESH AIR INTAKES & DIRECT VENTS SHALL TERMINATE AT LEAST 10' HORIZONTALLY FROM ANY GAS METERS.

LEGEND

	CEILING DIFFUSER
	CEILING REGISTER/GRILLE
	EQUIPMENT SYMBOL
	VOLUME DAMPER
	BACKDRAFT DAMPER
	THERMOSTAT/SENSOR
	NEW DUCTWORK
	SQUARE ELBOW W/ DOUBLE RADIUS TURNING VANES (TYP. ALL 90° ELBOWS DOWNSTREAM OF FANS)

[illegible]

SHEET TITLE: MECHANICAL LEGENDS & NOTES

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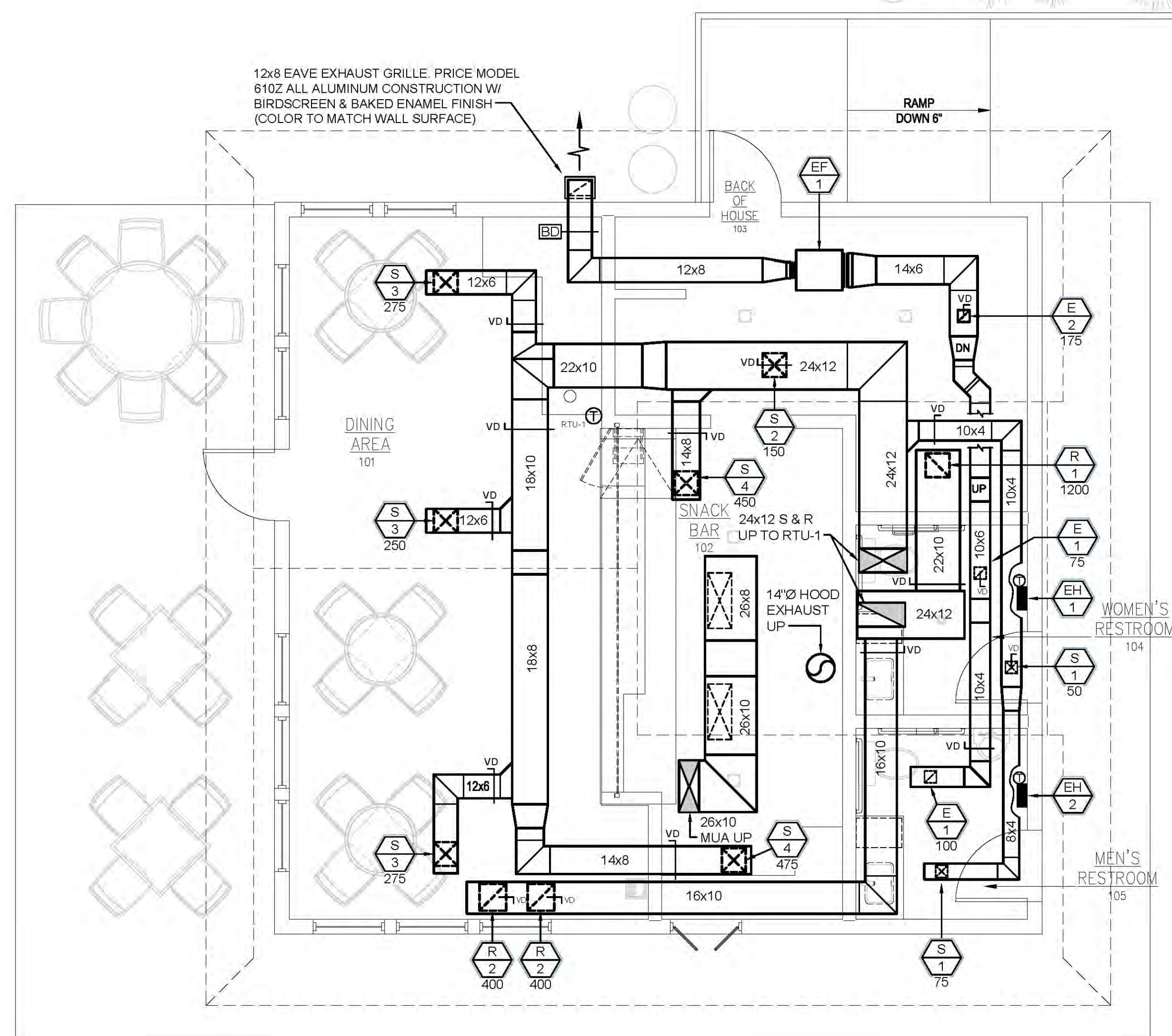
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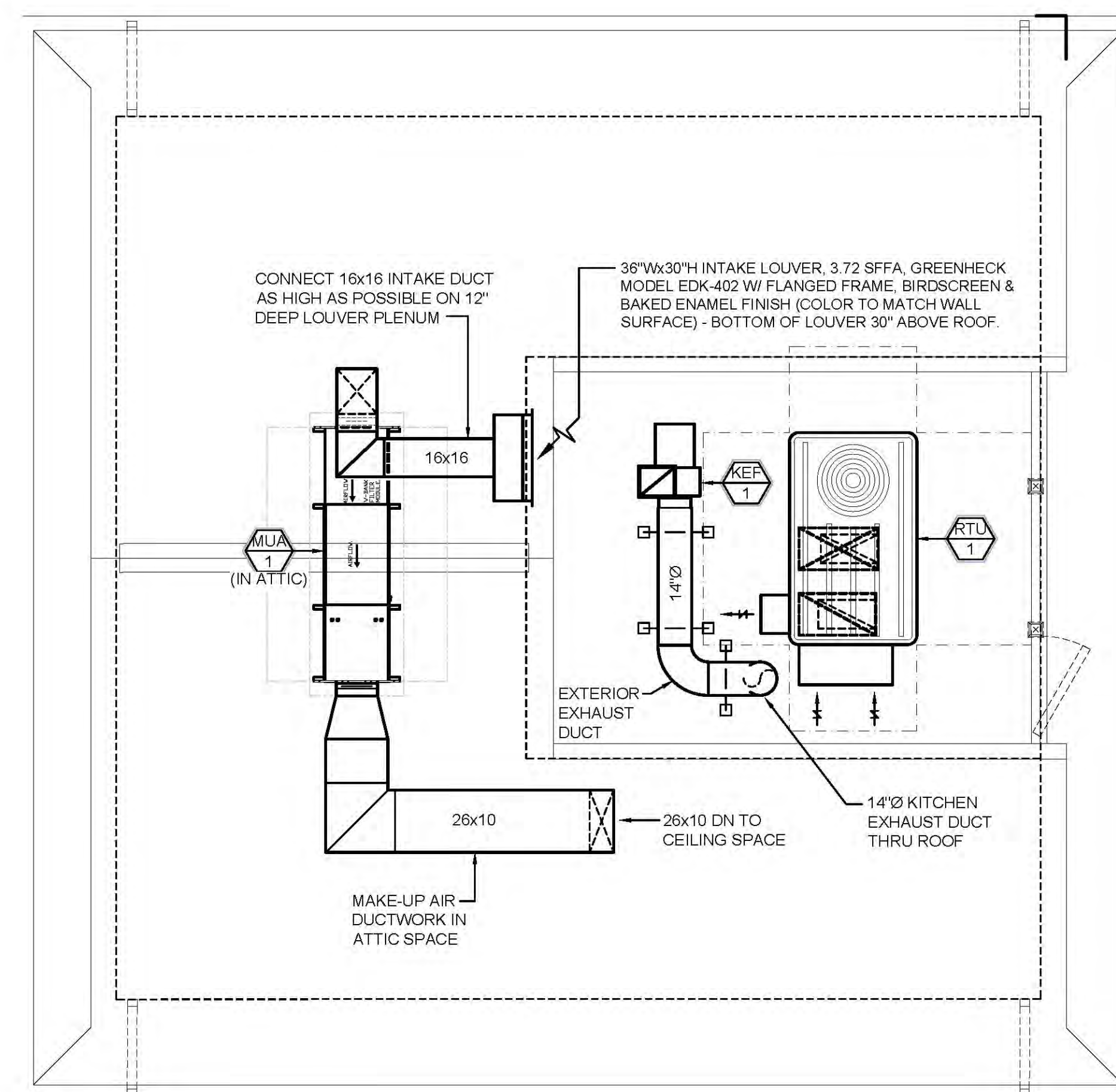
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1 MECHANICAL FLOOR PLAN
M1.0 SCALE: 1/4"=1'-0"



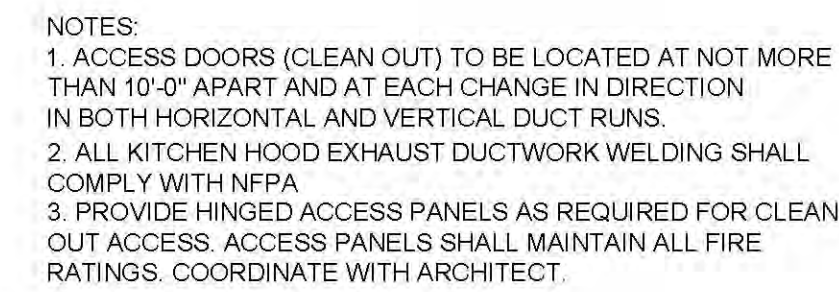
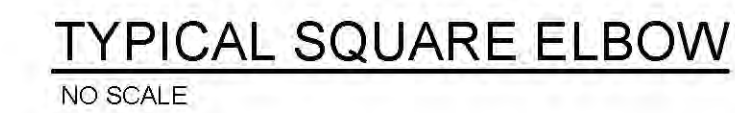
2 MECHANICAL ROOF PLAN
M1.0 SCALE: 1/4"=1'-0"



SHEET TITLE:
MECHANICAL
FLOOR PLAN & ROOF PLAN

TURN BUILDING

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NOTE:
ALL EXTERIOR EXHAUST DUCTWORK SHALL BE PAINTED WITH PRIMER & PAINT. COLOR SELECTION MUST BE APPROVED BY ARCHITECT/OWNER.

NOTE: LOUVER INSTALLATION MUST BE
COORDINATED & APPROVED BY ARCHITECT.

NOTES:
1. ALL UNIT MOUNTED DISCONNECT SWITCHES, SPEED CONTROLLERS, MOTOR, CONTROL PANELS, ETC... PROVIDE CODE COMPLIANT SERVICE CLEARANCES
2. REFER TO MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR ADDITIONAL INFORMATION.

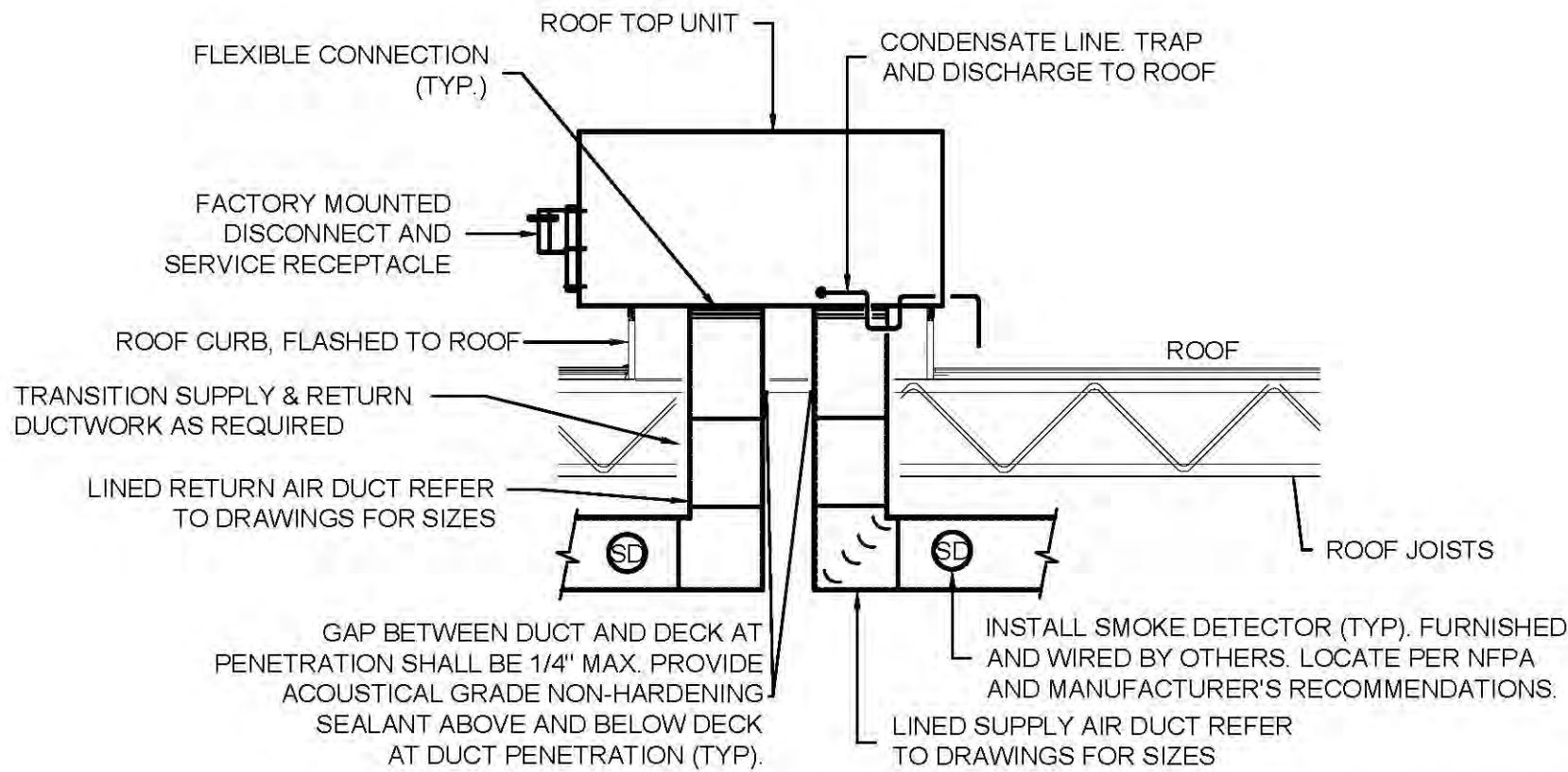
KITCHEN EXHAUST FAN DETAIL
NO SCALE



EXHAUST FAN SCHEDULE (BASED ON GREENHECK)									
SYMBOL	SERVES	MODEL	TYPE	DRIVE	CFM	ESP (IN)	MOTOR DATA		NOTES
							HP	VOLTAGE	
EF-1	TLTS	CSP-A510-VG	CABINET	DIRECT	350	75	98 WATTS	120V1Ø	1,2
NOTES: 1. PROVIDE WITH DISCONNECT. COORDINATE WITH E.C. 2. PROVIDE WITH UNIT MOUNTED SPEED CONTROLLER, MOTORIZED DAMPER, HANGING KIT									

DIFFUSER, REGISTER & GRILLE SCHEDULE					
SYMBOL	PRICE MODEL	THROW	CFM	SIZE	NOTES
S-1	AMDA	4W	50-100	6x6	1,2
S-2	AMDA	4W	125-250	9x9	1,2
S-3	AMDA	4W	250-400	12x12	1,2
S-4	PDDR	CLG	400-500	14x14 NECK - 16x16 FACE	1,2
E-1	635D	DD	75-100	8x6	1,2
E-2	635D	DD	175	12x8	1,2
R-1	535D	-	800-1200	22x22	1,2
R-2	535D	-	400	14x14	1,2
NOTES: 1. PROVIDE OPPOSED BLADE DAMPERS ON ALL REGISTERS & DIFFUSERS. 2. PROVIDE (24x24) AUXILIARY PANELS FOR ALL REGISTERS & DIFFUSERS IN T-BAR CEILING GRID SYSTEMS AND SURFACE MOUNT FRAMES FOR HARD CEILINGS. PROVIDE ALL TRANSITIONS AS NECESSARY.					

ELECTRIC HEATER SCHEDULE (BASED ON QMARK)								
SYMBOL	MODEL	LOCATION	TYPE	KW	BTUH	ELECTRICAL DATA		NOTES
						AMPS	VOLTAGE	
EH-1	CWH1101DSF	TLT	WALL	1.0	3143	8.4	208V1Ø	1,2
EH-2	CWH1101DSF	TLT	WALL	1.0	3143	8.4	208V1Ø	1,2
NOTES: 1. PROVIDE DISCONNECT. COORDINATE LOCATION WITH E.C. 2. PROVIDE WITH UNIT MOUNTED THERMOSTAT & SURFACE MOUNTING ENCLOSURE.								



- NOTES:
1. INSTALLATION TO BE PER APPROVED ROOFING SYSTEM MANUFACTURER'S REQUIREMENTS.
 2. ANY UNITS INSTALLED WITHIN 10 FEET OF A ROOF EDGE. PROVIDE FALL PROTECTION HOOKS OR GUARD NOT LESS THAN 30\"

TYPICAL ROOFTOP UNIT DETAIL
NTS

ROOFTOP UNIT SCHEDULE (BASED ON TRANE)															
SYMBOL	MODEL	ARRANGEMENT	NOMINAL CAPACITY (TONS)	TOTAL CFM	O.A. CFM	ESP (IN)	SUPPLY FAN HP	COOLING DATA				HEATING DATA			NOTES
								EDB °F	EWB °F	TOTAL MBH	SENSIBLE MBH	FUEL	INPUT MBH	OUTPUT MBH	
RTU-1	YHC060	DOWNFLOW	5.0	2000	300	1.0	1.0	80.0	67.0	61.0	45.8	LP	80.0	64.0	1,2
NOTES: 1. PROVIDE WITH DISCONNECT SWITCH. REFER TO ELECTRICAL PLANS FOR RATINGS & COORDINATE WITH E.C. 2. UNIT SHALL BE COMPLETE WITH EXTERNAL MOUNTED DISCONNECT SWITCH (NEMA 3R), STARTER, POWERED 115V CONVENIENCE OUTLET, INSULATED ROOF CURB, HOT GAS REHEAT, DEHUMIDIFICATION OPTION, O.A., R.A. & RELIEF DAMPERS, DDC UNIT MICROPROCESSOR w/ BMS INTERFACE, PROGRAMMABLE THERMOSTAT, HUMIDITY SENSOR, LP CONVERSION KIT, HIGH EFFICIENCY EVAP MOTOR, HINGED PANELS AND 2-SETS OF 2\"															

KITCHEN HOOD EXHAUST FAN & MAKE-UP AIR SCHEDULES																			
EXHAUST FAN INFORMATION - JOB#5034692																			
FAN UNIT NO	TAG	QTY	FAN UNIT MODEL #	MANUFACTURER	CFM	ESP	RPM	MOTOR ENCL	HP	BHP	PHASE	VOLT	FLA	DISCHARGE VELOCITY	WEIGHT (LBS)	SDNES			
1	KEF-1	1	USB113DD-RM	CAPTIVEAIRE	2000	1.260	1869	DDP,PREMIUM	1.500	0.9060	3	208	4.4	1751 FPM	258	18.5			
MUA FAN INFORMATION - JOB#5034692																			
FAN UNIT NO	TAG	QTY	FAN UNIT MODEL #	BLOWER	HOUSING	MIN CFM	DESIGN CFM	ESP	RPM	MOTOR ENCL	HP	BHP	PHASE	VOLT	FLA	MCA	MCCP	WEIGHT (LBS)	SDNES
2	MUA-1	1	EAI-D250-1SD	ISMF-1-MOD	AI-D250	1000	1600	0.500	1786	DDP,PREMIUM	1.500	0.8860	3	208	4.4	5.5A	15A	595	16.9
GAS FIRED MAKE-UP AIR UNIT(S)																			
FAN UNIT NO	TAG	INPUT BTUs	OUTPUT BTUs	TEMP RISE	REQUIRED INPUT GAS PRESSURE	GAS TYPE	BURNER EFFICIENCY(%)												
2	MUA-1	116008	106727	63°F	7 IN. W.C. - 14 IN. W.C.	PROPANE	92												
FAN OPTIONS																			
FAN UNIT NO	TAG	QTY	DESCRIPTION																
1	KEF-1	1	B113 - INLET SERVICE DUCT CONNECTION. USED TO CONNECT TO STANDARD 14" GREASE DUCT OR FIELD WELDED DUCT. INCLUDES (2) 7" RISERS BULTED TO STANDARD INLET RISER.																
		1	UTILITY SET GREASE CUP.																
		1	B113 - 24" DISCHARGE EXTENSION.																
		1	B1 - DISCHARGE ORIENTATION VERTICAL UPPER LEFT - CW INLET SIDE.																
		1	B113 - INLET CONNECTION STANDARD 14" FLANGED GREASE DUCT.																
		1	UTILITY SET - SPRING VIBRATION ISOLATORS - B111 THRU B115 / EQUIVALENT SIZED UTILITY SET - INDOOR/OUTDOOR USE.																
2	MUA-1	1	2 YEAR PARTS WARRANTY.																
		1	INLET PRESSURE GAUGE, 0-35".																
		1	MANIFOLD PRESSURE GAUGE, -5 TO 15" W.C.																
		1	MOTORIZED BACKDRAFT DAMPER FOR AI-D HOUSING - MEETS AMCA CLASS 1A RATING.																
		1	LOW FIRE START.																
		1	SEPARATE 120V WIRING PACKAGE (REQUIRED AND USED ONLY FOR DCV OR PREWIRE WITH VFD) - THREE PHASE ONLY.																
		1	SINGLE ELECTRICAL CABINET LED LIGHTS USED ON MODULAR MUA UNITS.																
		1	DF1 INDOOR HANGING OPTION - INCLUDES 2 HSA125 HANGING SPRING ISOLATORS PER UNI-STRUT.																
		1	INSULATION OPTION FOR V-BANK FILTER SECTION.																
		1	2 YEAR PARTS WARRANTY.																
FEATURES: - ROOF MOUNTED FANS. - UL-F90. - UL765 AND ULC-8045 (RESTAURANT MODEL). - HIGH HEAT OPERATION DIRECT DRIVE 3350° (375°C). - HEAT SUNKER. - NEMA 3R SAFETY DISCONNECT SWITCH. - GREASE CLASSIFICATION TESTING. - 2" BRAIN. - MOTOR WEATHER COVER. - FULLY SEALED SODILL HOUSING. - SODILL ACCESS DOOR. - FLANGE 1 1/4". OPTIONS: - B113 - INLET SERVICE DUCT CONNECTION USED TO CONNECT TO STANDARD 14" GREASE DUCT OR FIELD WELDED DUCT. INCLUDES (2) 7" RISERS BULTED TO STANDARD INLET RISER. - UTILITY SET GREASE CUP. - B113 - 24" DISCHARGE EXTENSION. - B1 - DISCHARGE ORIENTATION VERTICAL UPPER LEFT - CW INLET SIDE. - B113 - INLET CONNECTION STANDARD 14" FLANGED GREASE DUCT. - UTILITY SET - SPRING VIBRATION ISOLATORS - B111 THRU B115 / EQUIVALENT SIZED UTILITY SET - INDOOR/OUTDOOR USE. 2 YEAR PARTS WARRANTY. FAN #2 (EAI-D250-1SD) - HEATER (MUA-1) 1. DIRECT GAS FIRED HEATED MAKE UP AIR UNIT WITH 15" MIXED FLOW DIRECT DRIVE FAN. 2. V-BANK C2 FILTERS - INDOOR. 3. SIZE DISCHARGE - AIR FLOW RIGHT -> LEFT. 4. GAS PRESSURE GAUGE, 0-35", 20" DIAMETER, 1/4" THREAD SIZE. 5. GAS PRESSURE GAUGE, -5 TO +15 INCHES W.C., 2 1/2" DIAMETER, 1/4" THREAD SIZE. 6. MOTORIZED BACK DRAFT DAMPER 16" X 18" FOR SIZE 1 STANDARD & MODULAR HEATER UNITS W/EXTENDED SHAFT, STANDARD GA VANDED CONSTRUCTION, 3/4" REAR FLANGE, LOW LEAKAGE, FIBERS ACTUATOR INCLUDED. 7. LOW FIRE START - ALLOWS THE BURNER CIRCUIT TO ENERGIZE WHEN THE MODULATION CONTROL IS IN A LOW FIRE POSITION. 8. SEPARATE 120VAC WIRING PACKAGE FOR MAKE-UP AIR UNITS. OPTION MUST BE SELECTED WHEN MOUNTING VFD IN PREWIRE PANEL OR WITH DCV PACKAGE. PROVIDES SEPARATE 120VAC INPUT TO SUPPLY FAN. THIS 120V SIGNAL MUST BE RUN BY ELECTRICIAN FROM DCV TO MUA SWITCH. 9. SINGLE ELECTRICAL CABINET LED LIGHTS USED ON MODULAR MUA UNITS. 10. INDOOR HANGING GRADE FOR THE SIZE 1 DIRECT FIRED UNIT. 11. DISHAGED HANGING ISOLATORS PER UNI-STRUT INCLUDED. 12. INSULATION FOR V-BANK INTAKE OPTION. 13. HINGED DOUBLE WALL INSULATED DOOR ASSEMBLY (BURNER/BLOWER SECTION). 14. 2 YEAR PARTS WARRANTY.																			
FAN ACCESSORIES																			
FAN UNIT NO	TAG	EXHAUST			SUPPLY														
		GREASE CUP	GRAVITY DAMPER	WALL MOUNT	SIDE DISCHARGE	GRAVITY DAMPER	MOTORIZED DAMPER	WALL MOUNT											
1	KEF-1	YES			YES		YES												
2	MUA-1																		
CURB ASSEMBLIES																			
NO	IN FAN	TAG	WEIGHT	ITEM	SIZE														
1	# 1	KEF-1	39 LBS	RAIL	4,000"W X 36,000"L X 16,000"H ALONG WIDTH, RIGHT COMES AS A SET OF 2.														
2	EXH	ROOF PENETRATION	32 LBS	CURB	23,000"W X 23,000"L X 20,000"H ALONG LENGTH, RIGHT VENTED.														
FAN SOUND DATA																			
FAN UNIT NO	TAG	MOTOR	SOUND DATA			OCTAVE BAND SOUND DATA													
			LWA	SDNES @ 5 FT	DBA @ 5 FT	DISTANCE (FT)	63 HZ	125 HZ	250 HZ	500 HZ	1 KHZ	2 KHZ	4 KHZ	8 KHZ					
1	KEF-1	EXHAUST	82.2	18.5	70.7	5	82.5	81.7	83.1	81.4	75.7	71.4	66.5	60.6					
2	MUA-1	SUPPLY	79.6	16.9	68.1	5	75.4	81.7	80	76.3	72.4	70.9	69.9	65.9					
KEF-1 & MUA-1 SUPPLIED BY THE KITCHEN EQUIPMENT CONTRACTOR AND INSTALLED BY THE MECHANICAL CONTRACTOR																			



CERTIFICATION:
THIS DRAWING IS PART OF AN INTEGRATED PROJECT DOCUMENT.
REFER TO ALL DRAWINGS AND SPECIFICATIONS INCLUDING BUT NOT LIMITED TO GENERAL CONDITIONS, MANUFACTURER'S TECHNICAL SPECIFICATIONS.
REFER TO ALL OF THE DRAWINGS FOR THE PROJECT. THIS DRAWING IS NOT TO BE SCALED AND/OR USED AS AN AS-BUILT.



REVISIONS		DESCRIPTION
NO.	DATE	



JOB NUMBER: 2021-08
DRAWN BY: KB
CHECKED BY: WM
DATE ISSUED: 12 - 17 - 2021
SCALE: NOTED

SHEET NUMBER:
M3.0
TURN BUILDING

ISSUED FOR BIDDING & PERMIT: DECEMBER 17, 2021

ELECTRICAL SYMBOL LEGEND					
SYMBOL	DESCRIPTION	MOUNTING	SYMBOL	DESCRIPTION	MOUNTING
	LED, INCANDESCENT, COMPACT FLUORESCENT OR H.I.D. LIGHTING FIXTURE; (SUBSCRIPTS: "LT-#\"	REFER TO LIGHTING FIXTURE SCHEDULE.		HOMERUN TO PANELBOARD; "P\"	
	LINEAR LED LIGHTING FIXTURE; (SUBSCRIPTS INDICATE THE SAME AS ABOVE).	REFER TO LIGHTING FIXTURE SCHEDULE.		HOMERUN TO PANELBOARD & CONTROLLED BY SENSORS AND CONTACTOR; "P\"	
	2'x2' LED LIGHTING FIXTURE; (SUBSCRIPTS INDICATE THE SAME AS ABOVE).	REFER TO LIGHTING FIXTURE SCHEDULE.		MANUAL MOTOR RATED TOGGLE SWITCH / STARTER WITH THERMAL OVERLOADS.	48\" AFF
	LED WALL MOUNTED LIGHTING FIXTURE. (SUBSCRIPTS INDICATE SAME AS ABOVE).	REFER TO LIGHTING FIXTURE SCHEDULE.		SINGLE POLE SWITCH; "a\"	48\" AFF
	"PL\"			THREE-WAY SWITCH; "a\"	48\" AFF
	SINGLE CONVENIENCE OUTLET; 125 VOLT, 20 AMPERE, U-SLOT GROUNDING TYPE. (SUBSCRIPT AS FOLLOWS: "2\"	18\" A.F.F., UON		PHOTOCELL.	
	DUPLEX CONVENIENCE OUTLET; 125 VOLT, 20 AMPERE, U-SLOT GROUNDING TYPE. (SUBSCRIPT AS FOLLOWS: "2\"	18\" A.F.F.		PROGRAMMABLE TIME SWITCH. PROGRAM ON/OFF TIMES PER THE OWNER'S DIRECTION AND ADJUST ALL SET-POINTS (LATITUDE, TIME OF DAY, DATE, ETC..) TO CORRECT SETTINGS. PROVIDE PASS & SEYMOUR #RT24 (COLOR BY ARCHITECT) OR EQUAL. SEE DIAGRAM ON E3.3.	48\" AFF
	DUPLEX CONVENIENCE OUTLET; 125 VOLT, 20 AMPERE, U-SLOT GROUNDING TYPE. (SUBSCRIPT AS FOLLOWS: "2\"	46\" AFF		DUAL-TECHNOLOGY PIR & ULTRASONIC WALL SWITCH VACANCY SENSOR (MANUAL "ON\"	48\" AFF
	SINGLE CONVENIENCE OUTLET; 125 VOLT, 20 AMPERE, U-SLOT GROUNDING TYPE WITH GROUND FAULT PROTECTION. (SUBSCRIPT AS FOLLOWS: "2\"	18\" A.F.F.		LOW VOLTAGE DIMMING SWITCH (ON/OFF BUTTON + DIMMING SLIDER PER ZONE) DECORA STYLE KEYPAD; STEINEL #DS#-DCS (SEE PLANS FOR NUMBER OF ZONES PER DIMMING SWITCH). SUBSCRIPT "a\"	48\" AFF
	DUPLEX CONVENIENCE OUTLET; 125 VOLT, 20 AMPERE, U-SLOT GROUNDING TYPE WITH GROUND FAULT PROTECTION. (SUBSCRIPT AS FOLLOWS: "2\"	18\" A.F.F.		LOW VOLTAGE MOMENTARY CONTACT SWITCH; STEINEL #MCS-W. SUBSCRIPTS "a\"	48\" AFF
	DUPLEX CONVENIENCE OUTLET; 125 VOLT, 20 AMPERE, U-SLOT GROUNDING TYPE WITH GROUND FAULT PROTECTION. (SUBSCRIPT AS FOLLOWS: "2\"	18\" A.F.F.		DUAL-TECHNOLOGY PIR & ULTRASONIC OCCUPANCY SENSOR; STEINEL #DT-QUATTRO-DIM-24. PROGRAM FOR AUTOMATIC "ON\"	CEILING
	DUPLEX CONVENIENCE OUTLET; 125 VOLT, 20 AMPERE, U-SLOT GROUNDING TYPE WITH GROUND FAULT PROTECTION. (SUBSCRIPT AS FOLLOWS: "2\"	18\" A.F.F.		DUAL-TECHNOLOGY PIR & ULTRASONIC VACANCY SENSOR; STEINEL #DT-QUATTRO-DIM-24. PROGRAM FOR MANUAL "ON\"	CEILING
	DUPLEX CONVENIENCE OUTLET; 125 VOLT, 20 AMPERE, U-SLOT GROUNDING TYPE WITH GROUND FAULT PROTECTION. (SUBSCRIPT AS FOLLOWS: "2\"	46\" A.F.F.		ULTRASONIC OCCUPANCY SENSOR; STEINEL #US-QUATTRO-COM1-24. PROVIDE POWER PACK, SENSOR INTEGRATION MODULE & WIRE PER MANUFACTURERS INSTRUCTIONS FOR AUTOMATIC "ON\"	CEILING
	DUPLEX CONVENIENCE OUTLET; 125 VOLT, 20 AMPERE, U-SLOT GROUNDING TYPE WITH GROUND FAULT PROTECTION. (SUBSCRIPT AS FOLLOWS: "2\"	18\" A.F.F.		HALLWAY ULTRASONIC OCCUPANCY SENSOR; STEINEL #US-HALLWAY-DCS. PROVIDE POWER PACK, SENSOR INTEGRATION MODULE & WIRE PER MANUFACTURERS INSTRUCTIONS FOR AUTOMATIC "ON\"	CEILING
	QUADRUPLX CONVENIENCE OUTLET; 125 VOLT, 20 AMPERE, U-SLOT GROUNDING TYPE. (SUBSCRIPT AS FOLLOWS: "2\"			POWER PACK, 120/230/277 VAC, 24VDC; STEINEL #TR-100. WIRE PER MANUFACTURERS INSTRUCTIONS.	ABOVE ACCESSIBLE CEILING
	SPECIAL NEMA CONFIGURATION OUTLET; VERIFY NEMA TYPE WITH EQUIPMENT TO BE SERVED.			DIGITAL DIMMING LOAD CONTROLLER WITH (3) 20A RELAYS AND (3) 0-10V DIMMING OUTPUTS; STEINEL #DCS CONTROLLER. LOCATE ABOVE ACCESSIBLE CEILING AND WIRE PER MANUFACTURERS INSTRUCTIONS. PROVIDE QUANTITY OF DEVICES TO SUITE CIRCUIT LOADING AND SWITCH LEGS INDICATED.	ABOVE ACCESSIBLE CEILING
	FLUSH FLOOR-BOX WITH OUTLETS; 125 VOLT, 20 AMPERE, U-SLOT GROUNDING TYPE AND TELEPHONE/DATA OUTLET. (SUBSCRIPT AS FOLLOWS: "2\"	FLOOR		DUAL TECHNOLOGY PIR & ULTRASONIC COMBINATION WALL DIMMER SWITCH & VACANCY SENSOR; STEINEL #DT-WLS-DIM-W. WIRE PER MANUFACTURERS INSTRUCTIONS.	48\" AFF
	COMBINATION TELEPHONE/DATA OUTLET; PROVIDE 3/4\"	18\" A.F.F., UON			
	TELEVISION OUTLET. E.C. SHALL PROVIDE RECESSED BACKBOX WITH 3/4\"				
	SECURITY SYSTEM CARD ACCESS READER (BY OTHERS). E.C. SHALL PROVIDE RECESSED BACKBOX (HIRSCH MB3) PER SECURITY SYSTEM MANUFACTURER'S DIRECTION WITH 3/4\"	48\" AFF OR AFG			
	SURGE PROTECTION DEVICE. PROVIDE FOR EACH NEW PANELBOARD AS REQUIRED. CONNECTIONS SHALL BE PROVIDED PER THE MANUFACTURER'S INSTRUCTIONS & RECOMMENDATIONS. SEE DRAWING E105 FOR ADDITIONAL INFORMATION.				
	JUNCTION BOX; SIZE AS REQUIRED PER CODE. "WP\"				
	RELAY; REFER TO PLANS FOR RATINGS.				
	CONTACTOR; REFER TO PLANS FOR RATINGS.				
	PANELBOARD SURFACE MOUNTED; 208Y/120V, 3-PHASE, 4-WIRE. REFER TO "BRANCH CIRCUIT PANELBOARD SCHEDULES\"	MOUNT 6'-6\" AFF TO TOP BREAKER.			
	FUSED DISCONNECT SWITCH. 60AF/50AT INDICATES FRAME SIZE/FUSE SIZE IN THAT ORDER, 3P INDICATES NUMBER OF POLES & 3R INDICATES NEMA RATING. STARTERS FOR HVAC EQUIPMENT BY MECHANICAL CONTRACTOR.				
	ENCLOSED CIRCUIT BREAKER.				
	GROUND, PER NEC.				

ABBREVIATIONS									
A	AMPERES	DWG	DRAWING	G	GROUND	MIN	MINIMUM	TYP	TYPICAL
ADA	AMERICANS WITH DISABILITIES ACT	E.C.	ELECTRICAL CONTRACTOR	GND	GROUND	MTD	MOUNTED	UL	UNDERWRITERS LABORATORY
AMPS	AMPERES	E.Q.	EQUAL	HVAC	HEATING, VENTILATING, & AIR CONDITIONING	NAC	F.A. NOTIFICATION APPLIANCE CIRCUIT EXPANDER PANEL	UON	UNLESS OTHERWISE NOTED
AFF	ABOVE FINISHED FLOOR	ETR	EXISTING TO REMAIN			NEC	NATIONAL ELECTRICAL CODE	UPS	UNINTERRUPTIBLE POWER SUPPLY
A/C	AIR CONDITIONING	ER	EXISTING TO BE REMOVED	I.T.	INFORMATION TECHNOLOGY	NTS	NOT TO SCALE	V	VOLTS
AWG	AIR CANNON WIRE GAGE	ERL	EXISTING TO BE RE-LOCATED	JB	JUNCTION BOX	P	POLE	VEP	F.A. VOICE EVACUATION PANEL (AMPLIFIER)
C	CONDUIT	F.A.	FIRE ALARM	KVA	KILOVOLT-AMPERES	P.C.	PLUMBING CONTRACTOR		
C/B	CIRCUIT BREAKER	FACP	FIRE ALARM CONTROL PANEL	KW	KILOWATT	PNL	PANEL		
CF	COMPACT FLUORESCENT	FLR	FLOOR	LTG	LIGHTING			W	WATTS
CLG	CEILING	G.C.	GENERAL CONTRACTOR	MAX	MAXIMUM	RE	RE-LOCATED DEVICE OR EQUIPMENT SHOWN IN NEW LOCATION	WP	WEATHER-PROOF
DN	DOWN	GFCI	GROUND FAULT CIRCUIT INTERRUPTER	M.C.	MECHANICAL CONTRACTOR			CL	CENTERLINE
				MECH	MECHANICAL				

TYPICAL ELECTRICAL NOTES

1. FURNISH LABOR, MATERIALS, EQUIPMENT AND SERVICES NECESSARY FOR THE PROPER AND COMPLETE INSTALLATION OF ALL ELECTRIC WORK SHOWN ON THE DRAWINGS AND HEREIN SPECIFIED.
2. ALL ITEMS NOT SHOWN ON THE DRAWINGS OR CALLED FOR IN THE SPECIFICATIONS, BUT WHICH ARE NECESSARY TO MAKE A COMPLETE ELECTRICAL INSTALLATION, SHALL BE FURNISHED AND INSTALLED AS PART OF THIS PROJECT.
3. ALL ELECTRICAL INSTALLATIONS AND GROUNDING SHALL BE IN STRICT ACCORDANCE WITH THE LATEST REQUIREMENTS OF THE LOCAL, STATE AND NATIONAL CODES.
4. OBTAIN AND PAY FOR ALL REQUIRED PERMITS AND INSPECTIONS.
5. MATERIALS AND WORKMANSHIP SHALL BE THE BEST OF THEIR RESPECTIVE KIND AND IN FULL ACCORDANCE WITH THE MOST MODERN ELECTRICAL CONSTRUCTION STANDARDS. ALL MATERIAL SHALL BE NEW, UNLESS OTHERWISE NOTED AND FREE OF ANY DEFECTS.
6. THE ELECTRICAL CONTRACTOR SHALL CLEAN AT THE END OF EACH DAY ALL AREAS WORKED IN. EMPTY BOXES, RUBBISH, AND OTHER CONSTRUCTION MATERIALS OF NO USE SHALL BE REMOVED FROM THE BUILDING.
7. ALL WORK SEQUENCES SHALL BE COORDINATED WITH THE G.C. AND SHALL BE COORDINATION WITH OTHER BUILDING TRADES AND G.C. BUILDING SCHEDULES.
8. ALL BRANCH CIRCUITS RATED AT 120 VOLTS, 20 AMPERES EXCEEDING 75 FEET SHALL BE MINIMUM #10 AWG.
9. THE ELECTRICAL CONTRACTOR (E.C.) SHALL COORDINATE WITH THE LOCAL UTILITY POWER COMPANY AND PROVIDE ALL MATERIAL & LABOR REQUIRED TO COMPLY WITH THE UTILITY POWER COMPANY'S REQUIREMENTS AND STANDARDS, PRIOR TO ORDERING ANY ELECTRICAL EQUIPMENT, SUCH AS, SWITCHGEAR, PANELS, TRANSFORMERS, DISCONNECT SWITCHES, ETC., E.C. SHALL CONFIRM METERING SEQUENCE (HOT OR COLD) AND MAKE THE APPROPRIATE PROVISIONS FOR THE APPROVED METERING SEQUENCE ARRANGEMENT, A.I.C. RATINGS, GROUNDING, BONDING, RACEWAYS, ETC., SHALL BE IN ACCORDANCE WITH THE UTILITY COMPANY'S STANDARDS.
10. THE ELECTRICAL CONTRACTOR (E.C.) SHALL COORDINATE WITH THE LOCAL TELEPHONE COMPANY AND PROVIDE ALL MATERIAL & LABOR REQUIRED TO COMPLY WITH THE TELEPHONE COMPANY'S REQUIREMENTS AND STANDARDS, PRIOR TO ORDERING ANY ELECTRICAL EQUIPMENT, SUCH AS, TERMINAL BOARDS, GROUNDING, RACEWAYS, ETC....
11. ALL RECEPTACLE WITH "WP" DESIGNATION SHALL BE PROVIDED WITH A WEATHER-PROOF WHILE IN-USE ENCLOSURE. (TYPICAL)
12. ELECTRICAL CONTRACTOR TO ALLOW TIME FOR DIRECTIONAL ADJUSTMENT OF ALL LIGHT FIXTURES AS DIRECTED BY OWNER.
13. ALL RECEPTACLES SHALL BE LABELED INDICATING THEIR RESPECTIVE PANEL & CIRCUIT NUMBER.
14. WHERE "TV" POWER RECEPTACLES AND TELEVISION LOW VOLTAGE OUTLETS ARE SHOWN ON THE PLANS THEY SHALL BE INSTALLED USING A LOW-VOLTAGE RECESSED MEDIA PLATE WITH DUPLEX RECEPTACLE EQUAL TO COMMERCIAL ELECTRIC #310-WH PROVIDE POWER RECEPTACLE BACKBOX AS REQUIRED. (TYPICAL)
15. AT EXISTING FLOOR SLABS AND WALLS TO BE CORE-DRILLED OR CUT, THE CONTRACTOR SHALL FIND AND MARK ALL EXISTING REINFORCING, PIPING, CONDUIT & FEEDERS, ETC. IN BOTH FACES LOCATED BY MEANS OF X-RAY, PACH-O-METER, OR PROFOMETER. SUBMIT DRAWING SHOWING LOCATIONS OF EXISTING REBAR, PIPING AND/OR CONDUIT AND PROPOSED CORES AND/OR CUTS FOR REVIEW.

TELEPHONE & DATA RACEWAY NOTES

1. NO SECTION OF CONDUIT SHALL BE LONGER THAN 100-FEET BETWEEN PULL POINTS.
2. NO SECTION OF CONDUIT SHALL CONTAIN MORE THAN TWO 90-DEGREE BENDS, OR EQUIVALENT, BETWEEN PULL POINTS (e.g., OUTLET BOXES, TELECOMMUNICATIONS CLOSETS, OR PULL BOXES). IF THERE IS A REVERSE (U-SHAPED) BEND IN THE SECTION, A PULL BOX SHALL BE INSTALLED.
3. THE INSIDE RADIUS OF A BEND IN CONDUIT SHALL BE AT LEAST 6 TIMES THE INTERNAL DIAMETER. BENDS IN THE CONDUIT SHALL NOT CONTAIN ANY KINKS OR OTHER DISCONTINUITIES THAT MAY HAVE A DETRIMENTAL EFFECT ON THE CABLE SHEATH DURING CABLE PULLING OPERATIONS.
4. ANY SINGLE CONDUIT RUN EXTENDING FROM A TELECOMMUNICATIONS CLOSET SHALL NOT SERVE MORE THAN THREE OUTLET BOXES.
5. ANY CONDUIT PROTRUDING / PENETRATING THROUGH THE FLOOR IN THE TELECOMMUNICATIONS CLOSETS SHALL BE TERMINATED 3-INCHES ABOVE THE FLOOR ADJACENT WALLS. PROTRUSIONS / PENETRATIONS SHALL BE LOCATED TO AVOID CREATING A TRIPPING HAZARD WITHIN THE CLOSETS. FIRESTOP ALL PROTRUSIONS / PENETRATIONS.
6. A MINIMUM 3/4-INCH CONDUIT SHALL BE PROVIDED FROM THE TELECOMMUNICATIONS CLOSET TO SERVE EACH WALL-MOUNTED PUBLIC TELEPHONE. IN DISCUSSION WITH THE TELEPHONE PROVIDER, AND WHERE IT IS DESIRABLE TO CONCEAL THE OUTLET BOX DIRECTLY BEHIND THE TELEPHONE, THE CENTER OF THE OUTLET BOX SHALL BE LOCATED 48-INCHES ABOVE THE FINISHED FLOOR. FOR RECESSED APPLICATIONS, THE CONDUIT AND BOX SHALL BE INSTALLED TO SUIT THE SPECIFIC TYPE OF MOUNTING. REFER TO APPLICABLE CODES, ADA GUIDELINES, UNIFORM FEDERAL ACCESSIBILITY STANDARDS, MANUFACTURERS SPECIFICATIONS AND ANSI STANDARDS FOR ADDITIONAL REQUIREMENTS.
7. WHERE A TELECOMMUNICATIONS CONDUIT IS TO BE INSTALLED TO A DEVICE EXPOSED TO THE WEATHER, CARE SHALL BE TAKEN TO PREVENT THE INGRESS OF MOISTURE. CARE SHALL ALSO BE TAKEN TO ENSURE THAT MOISTURE WILL NOT COLLECT IN LOW POINTS, FREEZE AND DAMAGE THE CABLE. NONMETALLIC CONDUIT SHALL BE UV RESISTANT AND MARKED ACCORDINGLY.
8. CONDUITS SHALL BE REAMED TO ELIMINATE SHARP EDGES. METALLIC CONDUIT SHALL BE TERMINATED WITH AN INSULATED BUSHING.
9. REFER TO ANSI/TIA/EIA-606 FOR ADMINISTRATION OF THE CONDUIT SYSTEM IDENTIFICATION.
10. ALL CONDUITS SHALL BE PROVIDED WITH PULL STRINGS.
11. OUTLET BOXES SHALL BE NO SMALLER THAN 2-INCHES WIDE, 3-INCHES HIGH AND 2.5-INCHES DEEP. THIS WILL ACCOMMODATE ONE OR TWO 3/4-INCH CONDUITS. WHERE A LARGER CONDUIT IS REQUIRED, THE BOX SHALL BE INCREASED ACCORDINGLY. A MAXIMUM 1-1/4-INCH CONDUIT WILL REQUIRE A 4-1/16-INCH x 4-1/16-INCH x 2-1/2-INCH BOX.
12. CONDUIT TYPES SHALL BE ELECTRICAL METALLIC TUBING (EMT) OR RIGID METAL CONDUIT. LOCATIONS SUBJECT TO MOISTURE SHALL BE RIGID PVC. FLEXIBLE CONDUIT SHALL NOT BE USED FOR TELE/DATA RACEWAYS.
13. CONDUIT REQUIREMENTS FOR SUPPORT, END PROTECTION AND CONTINUITY SHALL COMPLY WITH APPROPRIATE ELECTRICAL CODES.
14. CONDUIT AND BOXES FOR TELE/DATA WIRING SHALL BE DEDICATED TO THOSE SYSTEMS. POWER WIRING SHALL BE KEPT OUT OF CONDUIT AND BOXES DEDICATED TO TELE/DATA WIRING.
15. CONDUIT SIZE FOR MAXIMUM NUMBER OF CABLES (SEE TABLE BELOW)

Conduit Trade Size	Maximum number of cables based upon allowable fill									
	Cable Outside Diameter in Inches									
	0.13	0.18	0.22	0.24	0.29	0.31	0.37	0.53	0.62	0.70
1/2"	1	1	0	0	0	0	0	0	0	0
3/4"	6	5	4	3	2	2	1	0	0	0
1"	8	8	7	6	3	3	2	1	0	0
1-1/4"	16	14	12	10	6	4	3	1	1	1
1-1/2"	20	18	16	15	7	6	4	2	1	1
2"	30	26	22	20	14	12	7	4	3	2
2-1/2"	45	40	36	30	17	14	12	6	3	3
3"	70	60	50	40	20	17	12	7	6	6
3-1/2"	-	-	-	-	-	-	22	12	7	6
4"	-	-	-	-	-	-	30	14	12	7

LUMINAIRE BRANCH CIRCUIT WIRING SCHEDULE			
CONDUCTOR AWG.	MAXIMUM CONDUCTOR LENGTH AT 120V	MAXIMUM CONDUCTOR LENGTH AT 277V	GROUND CONDUCTOR AWG.
#12	75'-0"	175'-0"	#12
#10	120'-0"	285'-0"	#10
#8	190'-0"	445'-0"	#10
#6	300'-0"	-	#10

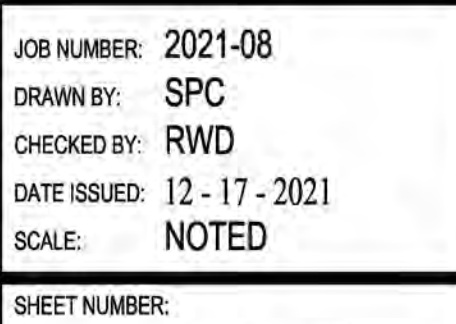
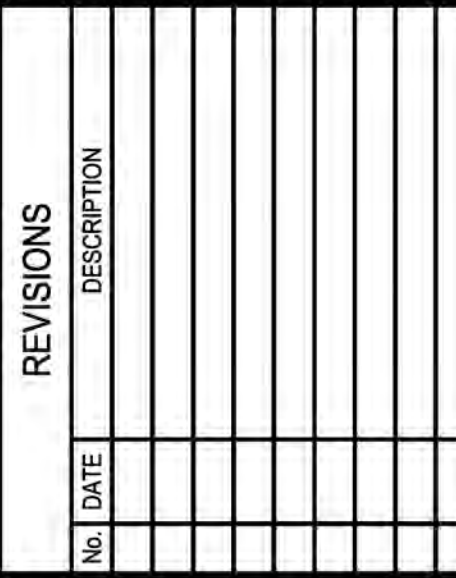
LUMINAIRE BRANCH CIRCUIT WIRING SCHEDULE NOTES:

1. BASED ON 20A CIRCUIT LOADED TO 12A USING SINGLE PHASE, 2 WIRE CIRCUITS.
2. THE ABOVE SCHEDULE REPRESENTS MINIMUM CONDUCTOR SIZE BASED FROM PANEL TO CENTER OF LEAD TO OVERCOME VOLTAGE DROP.
3. MAKE PROVISIONS FOR JUNCTION BOX ADJACENT TO OUTLET TO TRANSITION TO #12 WIRE FOR FINAL TERMINATIONS TO DEVICE AS REQUIRED.

CONDUCTOR AWG.	MAXIMUM CONDUCTOR LENGTH AT 120V	GROUND CONDUCTOR AWG.
#12	100'-0"	#12
#10	165'-0"	#10
#8	255'-0"	#10
#6	405'-0"	#10

RECEPTACLE BRANCH CIRCUIT WIRING SCHEDULE NOTES:

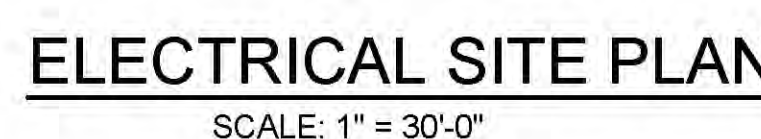
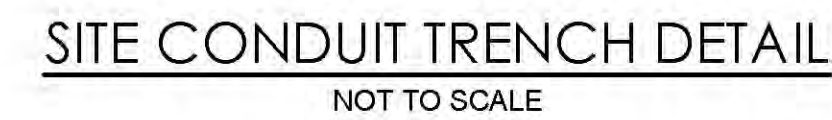
1. BASED ON 20A CIRCUIT LOADED TO 9A USING SINGLE PHASE, 2 WIRE CIRCUITS.
2. THE ABOVE SCHEDULE REPRESENTS MINIMUM CONDUCTOR SIZE BASED FROM PANEL TO CENTER OF LEAD TO OVERCOME VOLTAGE DROP.
3. MAKE PROVISIONS FOR JUNCTION BOX ADJACENT TO OUTLET TO TRANSITION TO #12 WIRE FOR FINAL TERMINATIONS TO DEVICE AS REQUIRED.



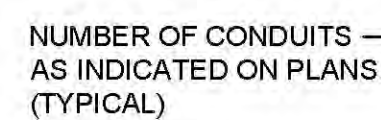
1 E.C. SHALL COORDINATE EXACT ROUTE OF UNDERGROUND ELECTRICAL RACEWAYS IN FIELD & WITH SITE CONTRACTOR PRIOR TO INSTALLATION. RECORD ACTUAL ROUTING ON AS-BUILT DRAWINGS.

2 E.C. SHALL CONTACT DIG-SAFE PRIOR TO ANY WORK INVOLVING THE SITE ELECTRICAL WORK.

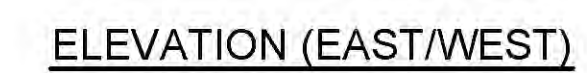
3 E.C. SHALL BE RESPONSIBLE FOR PROVIDING AND ARRANGING FOR ALL TRECHING, OPENINGS AND CUTTING REQUIRED FOR ELECTRICAL WORK AS REQUIRED (i.e. ROADS, CURBS, PAVEMENT, WALLS, DUCTBANKS, CONCRETE PADS, ETC.) AND FOR BACKFILLING, PATCHING, REPLACING ANY & ALL SITE ELEMENTS DISTURBED BY THIS WORK. COORDINATE WITH OWNER, ARCHITECT, G.C. AND SITE CONTRACTOR AS NECESSARY TO PROVIDE MINIMUM STANDARD OF SUCH WORK DESCRIBED HEREIN. (TYPICAL)



UNDERGROUND CONDUIT FROM EXISTING
CURLING BUILDING TO NEW BUILDING "TTB" FOR
TELEPHONE, INTERNET & CATV SERVICES.
FOLLOW CART PATH & FIELD VERIFY EXACT
ROUTE, LENGTH AND EXISTING CONDITIONS WITH
CIVIL ENGINEER & GROUNDS PERSONNEL PRIOR
TO BID.



1. PROVIDE HANDHOLE WITH ID PLATE WITH THE WORDS "ELECTRIC", GALVANIZED STEEL COVER, SECURITY BOLTS & PADLOCK. HANDHOLE SHALL BE EQUAL TO CONCAST #HHR. VERIFY IN FIELD HEIGHT OF HANDHOLE NEEDED TO ACCOMMODATE EXISTING CONDUIT DEPTH.
2. PROVIDE PULLING-EYES, DUCT TERMINATORS, NEOPRENE PAD STRIPS FOR THE COVER, SEALANTS, REDUCING COUPLERS, EXTENSION RINGS, ETC. FOR A COMPLETE INSTALLATION PER THE MANUFACTURER'S RECOMMENDATIONS AND TO MEET THE SITE CONDITIONS.
3. CONDUITS UNDER ROADWAYS AND PARKING AREAS SHALL BE CONCRETE ENCASED.





THIS DRAWING IS PART OF AN INTEGRATED
SET OF CONSTRUCTION CONTRACT
DOCUMENTS

REFER TO ALL DRAWINGS AND SPECIFICATIONS INCLUDING BUT NOT LIMITED TO "GENERAL CONDITIONS", "SUMMARY OF WORK" AND ANY APPLICABLE MANUFACTURERS TECHNICAL SPECIFICATIONS.

REFER TO ALL OF THE DRAWINGS FOR
COMPLETE SCOPE OF WORK. THIS DRAWING
IS NOT TO BE SCALED AND/OR USED AS AN



CONSULTANT LOGO:

[illegible]

HARDSLEY COUNTRY CLUB
98 NORTH MOUNTAIN DR

SHEET TITLE:

SHEET TITLE:
ELECTRICAL:
FLOOR PLAN - LIGHTING



JEFFERSON GROUP ARCHITECTURE, INC.
700 School Street Unit 2
Pawtucket, RI 02860
Phone:(401) 721-0977 Fax:(401) 721-2238

JOB NUMBER: 2021-08
DRAWN BY: SPC
CHECKED BY: RWD
DATE ISSUED: 12 - 17 - 2021
SCALE: NOTED

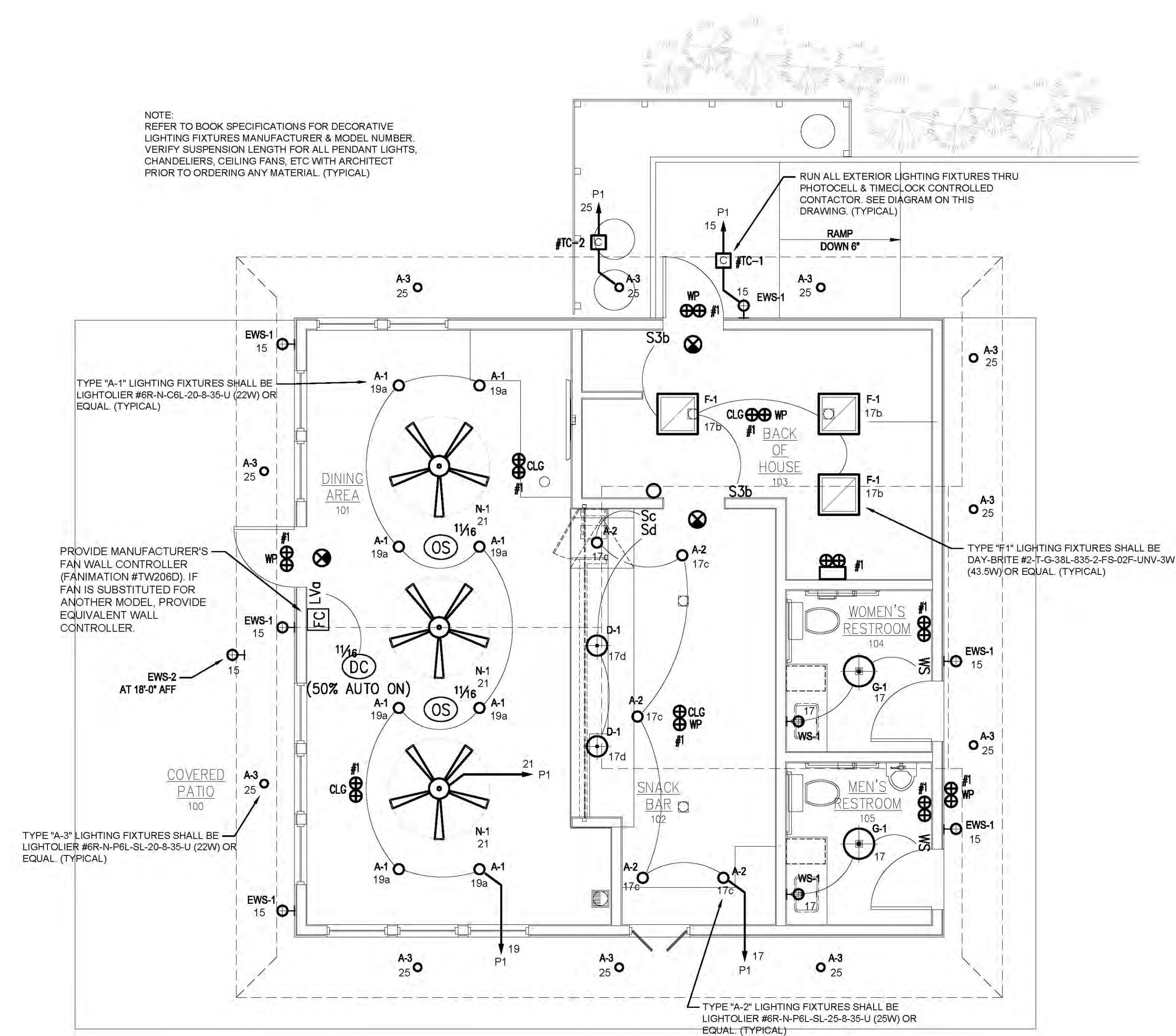
SHEET NUMBER:

E1.0

TURN BUILDING

JGA

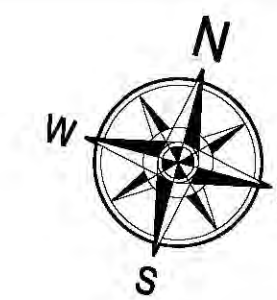
ISSUED FOR BIDDING & PERMIT: DECEMBER 17, 2021



1 ELECTRICAL: FLOOR PLAN - LIGHTING
E1.0 SCALE: 1/4"=1'-0"



2 ELECTRICAL: ROOF PLAN - POWER & SIGNAL
E2.0 SCALE: 1/4"=1'-0"



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SET OF CONSTRUCTION CONTRACT

REFER TO ALL DRAWINGS AND SPECIFICATIONS INCLUDING BUT NOT LIMITED TO "GENERAL CONDITIONS", "SUMMARY OF WORK" AND ANY APPLICABLE MANUFACTURERS TECHNICAL

REFER TO ALL OF THE DRAWINGS FOR
COMPLETE SCOPE OF WORK. THIS DRAWING
IS NOT TO BE SCALED AND/OR USED AS AN

CONSULTANT LOGO:

[illegible]

PROJECT NAME:



ARDSLEY COUNTRY CLUB
98 NORTH MOUNTAIN DR
DOBBS FERRY NY 10522

SHEET TITLE:

SHEET TITLE:
ELECTRICAL:
FFLOOR PLAN & ROOF
PLAN - POWER & SIGNAL

JGA
ARCHITECTURE

JEFFERSON GROUP ARCHITECTURE, INC.
700 School Street Unit 2
Pawtucket, RI 02860
Phone:(401) 721-0977 Fax:(401) 721-223

JOB NUMBER: 2021-08

JOB NUMBER: 2021
DRAWN BY: SPC

DRAWN BY: SPC
CHECKED BY: RWD

CHECKED BY: RWD
DATE ISSUED: 12-17-202

DATE ISSUED: 12-17-1
SCALE: NOTED

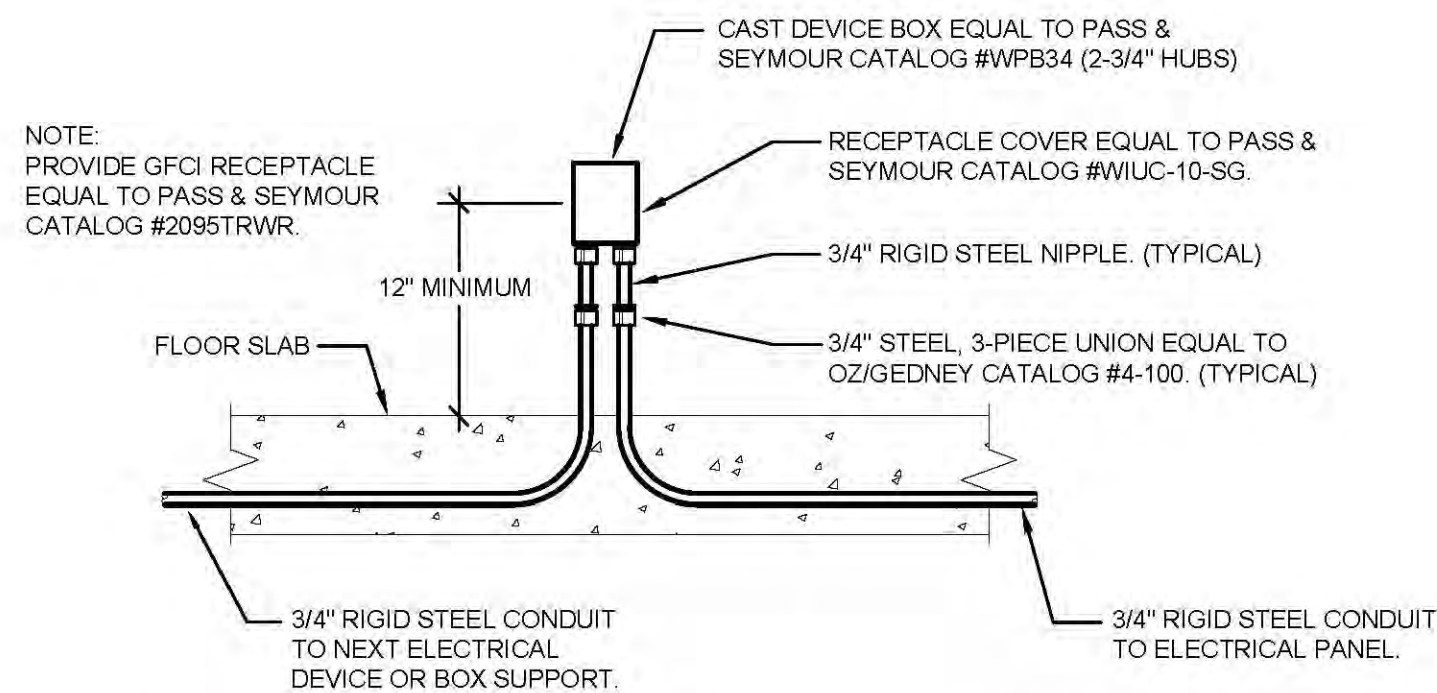
SHEET NUMBER:

F2 0

TURN BUILDING

JGA

ISSUED FOR BIDDING & PERMIT: DECEMBER 17, 2021

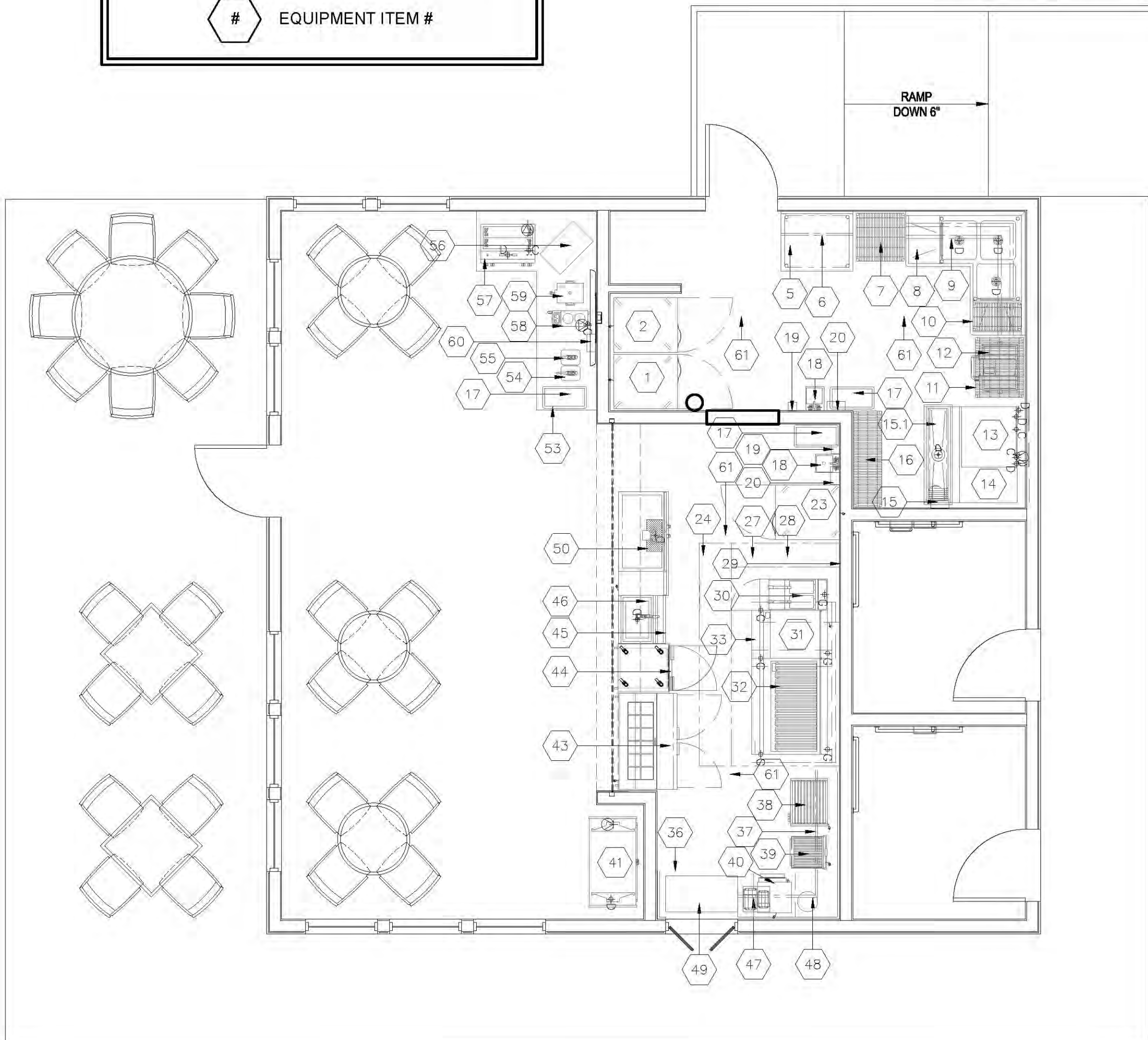


FREE STANDING RECEPTACLE INSTALLATION DETAIL
NOT TO SCALE

FOOD SERVICE EQUIPMENT CONNECTION TAG:

REFER TO "EQUIPMENT SCHEDULE" ON THIS DRAWING FOR ALL CIRCUITING INFORMATION, INCLUDING BUT NOT LIMITED TO BRANCH CIRCUITING WIRING AND CONDUIT SIZE, VOLTAGE, PHASE, MOTOR CONTROL, DISC. SWITCH & CIRCUIT BREAKER.

EQUIPMENT ITEM



Notes: Following apply to all Foodservice Equipment Drawings.

Connections, stub-outs and dimensions shown are to be used for estimating engineering requirements only. No architectural or engineering service is intended or assumed.

The Kitchen Equipment Contractor shall provide accurate 3/8"=1'-0" stub-outs plans showing exact sizes and locations of all service stubs through walls and/or floors. Services of fixtures shall come out of walls whenever possible allowing clearance for traps, valves, switches, and the like.

Traps, drainlines, grease interceptors, shut-off valves and connecting piping shall be provided and installed by the Plumbing Sub-Contractor.

Conduit, junction boxes, outlets, disconnects, and connecting wiring shall be provided and installed by the Electrical Sub-Contractor. Interwiring of refrigeration components and remote controls such as found on a garbage disposer shall be installed by the Electrical Sub-Contractor.

Blowers, ductwork and duct connections shall be provided and installed by the Heating and Ventilation Sub-Contractor. Controls for such systems shall be provided and installed by the specified sub-contractor.

All mounting heights to be verified with equipment specifications prior to installation of services.

All exposed utility lines and pipes shall be installed in a way that does not obstruct or prevent the cleaning of floors, walls and ceiling area. Minimum 6" off floors.

Penetrations of any countertops, bases, gables, etc. by drains to be sealed with caulking.

KITCHEN NOTES

1. PANEL(s) SERVING KITCHEN EQUIPMENT SHALL BE FURNISHED WITH SHUNT TRIP TYPE CIRCUIT BREAKERS WHICH SHALL BE INTERFACED WITH A SET OF CONTACTS ON THE HOOD FIRE PROTECTION SYSTEM TO CAUSE AUTOMATIC INTERRUPTION OF POWER WHENEVER THE FIRE SUPPRESSION SYSTEM IS ACTUATED. A PAIR OF CONDUCTORS SHALL ALSO BE RUN TO GAS SOLENOID VALVE TO CAUSE GAS SOURCE TO EQUIPMENT UNDER HOOD TO BE SHUT OFF.

2. PROVIDE SHUNT TRIP TYPE BREAKERS AS DESCRIBED IN NOTE 1, ABOVE FOR ANY EQUIPMENT LOCATED BELOW THE KITCHEN EXHAUST HOODS.

- ITEM # 33 - 4 DRAWER REFRIGERATED EQUIPMENT STAND

2. E.C. SHALL PROVIDE & INSTALL SWITCH TO CONTROL EXHAUST HOOD LIGHT. COORDINATE WITH ARCHITECT & VENDOR FOR EXACT SWITCH REQUIREMENTS AND LOCATION.

3. E.C. SHALL COORDINATE ALL CORD & PLUG CONNECTIONS WITH THE FOOD SERVICE EQUIPMENT SUPPLIER TO ENSURE PROPER RECEPTACLE CONFIGURATIONS & LOCATIONS OF OUTLETS.

4. E.C. SHALL FURNISH AND INSTALL ALL NECESSARY 24V INTERLOCK WIRING BETWEEN THE EVAPORATOR AND CONDENSING UNITS. REFER TO FOOD SERVICE EQUIPMENT MANUFACTURER'S WIRING DIAGRAMS FOR EXACT REQUIREMENTS.

5. E.C. SHALL WIRE KITCHEN FIRE SUPPRESSION SYSTEM INTO THE FIRE ALARM SYSTEM VIA AN INDIVIDUAL ADDRESSABLE MODULE. REFER TO FIRE ALARM SYSTEM ONE-LINE DIAGRAM ON ELECTRICAL DRAWINGS.

6. E.C. SHALL REFER TO "FOOD SERVICE EQUIPMENT ELECTRICAL CONNECTION SCHEDULE" FOR CIRCUITING INFORMATION NOT SHOWN ON PLAN.

7. E.C. SHALL PROVIDE DISCONNECT SWITCHES FOR ALL DIRECT CONNECTED EQUIPMENT TO MEET CODE.

8. E.C. SHALL MAKE ALL DIRECT CONNECTIONS WITH LIQUID-TIGHT FLEXIBLE METAL CONDUIT UNLESS OTHERWISE NOTED. CONNECTIONS TO MOVABLE EQUIPMENT SHALL INCLUDE SUFFICIENT SLACK TO ALLOW EQUIPMENT TO BE PULLED AWAY FROM WALL FOR SERVICING.

9. ALL RECEPTACLES LOCATED IN THE KITCHEN & SNACK BAR AREAS SHALL BE GFCI TYPE RECEPTACLES PER CODE. ALL GFCI RECEPTACLES DEDICATED TO EQUIPMENT SHALL BE PROVIDED WITH WEATHER-PROOF WHILE-IN-USE COVERS AND ALL CONVENIENCE GFCI RECEPTACLES SHALL BE PROVIDED WITH WEATHER-PROOF "FLIP-LID" COVERS.

10. E.C. SHALL PROVIDE & INSTALL SWITCH TO CONTROL EXHAUST HOOD LIGHT. COORDINATE WITH ARCHITECT & VENDOR FOR EXACT SWITCH REQUIREMENTS AND LOCATION.

FOODSERVICE EQUIPMENT SCHEDULE

			ELECTRICAL											
ITEM NO.	QTY	ITEM DESCRIPTION	VOLTS	PHASE	AMPS	KW	HP	CONN.	CIRCUIT	CIRCUIT BREAKER	FEEDER & CONDUIT	LOCAL DISCONNECT SWITCH		
1	1	1 DOOR REACH-IN REFRIGERATOR	120	1	3			PLUG	P-1 / 2	15/1	2#12 + 1#12G IN 3/4"C.	GFCI NEMA 5-15R OUTLET		
2	1	1 DOOR REACH-IN FREEZER	120	1	7.5			PLUG	P-1 / 4	15/1	2#12 + 1#12G IN 3/4"C.	GFCI NEMA 5-15R OUTLET		
12	1	25 GALLON GREASE TRAP	120	1	4.5			PLUG	P-1 / 6	15/1	2#12 + 1#12G IN 3/4"C.	GFCI NEMA 5-15R OUTLET		
13	1	950LB WATER COOLED ICE MACHINE HEAD	208	1	10.2			DIRECT	P-1 / 8,10	20/2	2#12 + 1#12G IN 3/4"C.	30AF/20AT/2P/3R FUSED DISCONNECT SWITCH		
23	1	1 DOOR GLASS REACH-IN REFRIGERATOR	120	1	3			PLUG	P-1 / 12	15/1	2#12 + 1#12G IN 3/4"C.	GFCI NEMA 5-15R OUTLET		
24	1	EXHAUST HOOD W/ PSP & UTILITY CABINET	120	1	10			DIRECT	P-1 / 14	15/1	2#12 + 1#12G IN 3/4"C.	NEMA-3R MOTOR RATED SWITCH / STARTER		
25	1	EXHAUST FAN FOR ITEM #24	208	1	4.4			DIRECT	(SEE MECHANICAL ELECTRICAL CONNECTION SCHEDULE ON DRAWING E4.3)					
26	1	GAS-FIRED MAKE-UP AIR FAN FOR ITEM #24	208	3	4.4			DIRECT	(SEE MECHANICAL ELECTRICAL CONNECTION SCHEDULE ON DRAWING E4.3)					
27	1	ELECTRICAL CONTROL PANEL FOR ITEM #24	120	1	10			DIRECT	P-1 / 20	15/1	2#12 + 1#12G IN 3/4"C.	NEMA-3R MOTOR RATED SWITCH / STARTER		
28	1	FIRE SUPPRESSION SYSTEM FOR ITEM #24	120	1	1			DIRECT	P-1 / 22	15/1	2#12 + 1#12G IN 3/4"C.	NEMA-3R MOTOR RATED SWITCH / STARTER		
33	1	4 DRAWER REFRIGERATED EQUIPMENT STAND	120	1	5			PLUG	P-1 / 24	15/1	2#12 + 1#12G IN 3/4"C.	GFCI NEMA 5-15R OUTLET		
38	1	HOT DOG GRILL	120	1	9.2			PLUG	P-1 / 30	15/1	2#12 + 1#12G IN 3/4"C.	GFCI NEMA 5-15R OUTLET		
39	1	PANINI GRILL	120	1	15			PLUG	P-1 / 28	20/1	2#12 + 1#12G IN 3/4"C.	GFCI NEMA 5-15R OUTLET		
40	1	COUNTERTOP CONVEYOR TOASTER	208	1	13			DIRECT	P-1 / 32,34	20/2	2#12 + 1#12G IN 3/4"C.	30AF/20AT/2P/3R FUSED DISCONNECT SWITCH		
41	1	REMOTE REFRIGERATED SELF-SERVICE CASE	120	1	1.3			DIRECT	P-1 / 36	20/1	2#12 + 1#12G IN 3/4"C.	NEMA-3R MOTOR RATED SWITCH / STARTER		
42	1	OUTDOOR CONDENSING UNIT ITEM # 41	208	1	24			DIRECT	P-1 / 58,60	30/2	2#10 + 1#10G IN 3/4"C.	30AF/30AT/2P/3R FUSED DISCONNECT SWITCH		
43	1	2 DOOR REFRIGERATED SANDWICH/SALAD	120	1	2			PLUG	P-1 / 38	15/1	2#12 + 1#12G IN 3/4"C.	GFCI NEMA 5-15R OUTLET		
44	1	UNDERCOUNTER 1 DOOR FREEZER	120	1	2.5			PLUG	P-1 / 40	15/1	2#12 + 1#12G IN 3/4"C.	GFCI NEMA 5-15R OUTLET		
46	1	SODA GUN	120	1	5			DIRECT	P-1 / 62	20/1	2#12 + 1#12G IN 3/4"C.	NEMA-3R MOTOR RATED SWITCH / STARTER		
47	1	CARBONATOR FOR ITEM #46	120	1	5			DIRECT	P-1 / 64	20/1	2#12 + 1#12G IN 3/4"C.	NEMA-3R MOTOR RATED SWITCH / STARTER		
49	1	BAG-IN-BOX RACK FOR ITEM #46	120	1	5			DIRECT	P-1 / 66	20/1	2#12 + 1#12G IN 3/4"C.	NEMA-3R MOTOR RATED SWITCH / STARTER		
50	1	2 DOOR DIRECT DRAW BEER COOLER	120	1	2.2			PLUG	P-1 / 42	15/1	2#12 + 1#12G IN 3/4"C.	GFCI NEMA 5-15R OUTLET		
57	1	ESPRESSO MACHINE	208	1	24			PLUG	P-1 / 51,53	30/2	2#10 + 1#10G IN 3/4"C.	SPECIAL NEMA-CONFIGURATION RECEPTACLE SHALL BE VERIFIED WITH EQUIPMENT SUPPLIER		
58	1	COFFEE BREWER	208	1	24			PLUG	P-1 / 55,57	30/2	2#10 + 1#10G IN 3/4"C.	SPECIAL NEMA-CONFIGURATION RECEPTACLE SHALL BE VERIFIED WITH EQUIPMENT SUPPLIER		
59	1	TEA BREWER	208	1	24			PLUG	P-1 / 59,61	30/2	2#10 + 1#10G IN 3/4"C.	SPECIAL NEMA-CONFIGURATION RECEPTACLE SHALL BE VERIFIED WITH EQUIPMENT SUPPLIER		

NOTES:

1. FUSED DISCONNECT SWITCH: 60AF/60AT/3P/3R INDICATES FRAME SIZE/FUSE SIZE IN THAT ORDER, 3P INDICATES NUMBER OF POLES & 3R INDICATES NEMA RATING.

2. ALL FOODSERVICE EQUIPMENT SHALL BE PROVIDED WITH A NEW ELECTRICAL CIRCUIT, OCPD, CONNECTION, LOCAL DISCONNECTING MEANS, ETC... FOR A COMPLETE AND OPERATING ELECTRICAL INSTALLATION. THE ELECTRICAL CONTRACTOR SHALL VERIFY THE ELECTRICAL AND CONNECTION REQUIREMENTS, INCLUDING RECEPTACLE NEMA CONFIGURATIONS, DISCONNECT SWITCH SIZES, CIRCUIT SIZES, CIRCUIT BREAKER SIZES, ETC. FOR ALL FOODSERVICE EQUIPMENT WITH THE APPROVED FOODSERVICE EQUIPMENT SHOP DRAWING SUBMITTALS PRIOR TO ORDERING ANY ELECTRICAL MATERIAL OR PERFORMING ANY RELATED WORK. ANY DISCREPANCIES BETWEEN THE FOODSERVICE EQUIPMENT SCHEDULE & PLANS AND THE APPROVED FOODSERVICE EQUIPMENT SHOP DRAWING SUBMITTALS SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE & ARCHITECT FOR RESOLUTION. THE ELECTRICAL CONTRACTOR SHALL PROVIDE AN AS-BUILT PLAN INDICATING THE LAYOUT OF THE KITCHEN EQUIPMENT AND ALL CIRCUIT INFORMATION AT THE COMPLETION OF THE CONSTRUCTION.

3. E.C. SHALL MAKE ALL DIRECT CONNECTIONS WITH LIQUID-TIGHT FLEXIBLE METAL CONDUIT UNLESS OTHERWISE NOTED. AFTER WIRING DEVICES, ALL CONDUITS SHALL BE SEALED TO STOP MOISTURE TRANSFER THROUGH ELECTRICAL RACEWAYS.

4. E.C. SHALL FURNISH AND INSTALL ALL NECESSARY 24V INTERLOCK WIRING BETWEEN THE EVAPORATOR AND CONDENSING UNITS. REFER TO FOOD SERVICE EQUIPMENT MANUFACTURER'S WIRING DIAGRAMS FOR EXACT REQUIREMENTS.

1 ELECTRICAL: FLOOR PLAN - KITCHEN EQUIPMENT
E20 SCALE: 1/4"=1'-0"

ELECTRICAL: FLOOR PLAN - POWER & SIGNAL

JGA
ARCHITECTURE

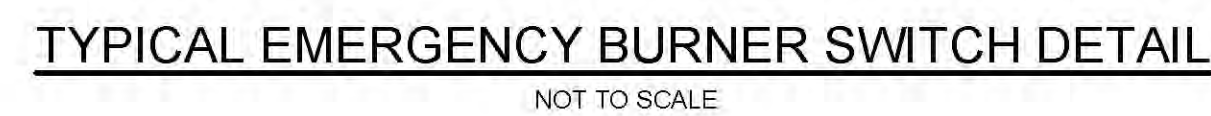
JEFFERSON GROUP ARCHITECTURE, INC.
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E3.0
TURN BUILDING

ISSUED FOR BIDDING & PERMIT: DECEMBER 17, 2021



TYPICAL NOTE:

ALL NEW ELECTRICAL EQUIPMENT
BUSSING, FEEDERS AND BRANCH
CIRCUITS SHALL BE COPPER. (TYP.)



- TOTAL = 58.1kVA
AT 208Y/120V, 3-PHASE, 4-WIRE

1. EXISTING UTILITY COMPANY TRANSFORMER SHALL REMAIN, E.C. SHALL PROVIDE ALL LABOR & MATERIAL REQUIRED BY UTILITY COMPANY FOR UTILITY COMPANY METERING.
2. PROVIDE 4" CONDUITS FROM NEW BUILDING PANELBOARD "P1" TO EXISTING TRANSFORMER VIA HANDHOLES AS REQUIRED. VERIFY & COORDINATE WITH THE UTILITY THAT EXISTING TRANSFORMER MAY BE USED FOR THIS PROJECT PRIOR TO ANY WORK.
3. REFER TO FLOOR PLANS FOR LOCATIONS OF ALL ELECTRICAL EQUIPMENT.
4. NEW HANDHOLE(S). SEE ELECTRICAL SITE PLAN ES0.1. VERIFY EXACT LOCATIONS IN FIELD PRIOR TO BID.



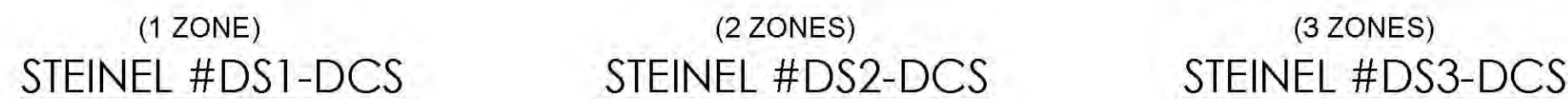
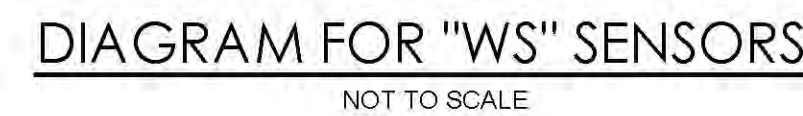
EMERGENCY LIGHTING SYMBOL LEGEND		
SYMBOL	DESCRIPTION	MOUNTING
	EMERGENCY BATTERY UNIT (DUAL ATTACHED HEADS) WITH REMOTE CAPABILITIES. EQUAL TO LITHONIA #ELT-275W-WAM-VM CONNECT UN-SWITCHED TO LOCAL 120-VOLT LIGHTING CIRCUIT. "E1" INDICATES EBU DESIGNATION.	WALL
	DUAL EMERGENCY LIGHTING FIXTURE (REMOTE HEAD) WIRED TO EMERGENCY BATTERY UNIT (EBU) WITH REMOTE CAPABILITY. LITHONIA #ELA-WT-NX-H0612. LAMPS SHALL BE 8-WATTS / 12-VOLTS FOR EACH LAMP. "E1" INDICATES WIRE TO EBU WITH SAME DESIGNATION.	WALL
	DUAL EMERGENCY LIGHTING FIXTURE (REMOTE HEAD) WIRED TO EMERGENCY BATTERY UNIT (EBU) WITH REMOTE CAPABILITY. LITHONIA #ELA-WT-LT24-LP06VS. LAMPS SHALL BE 5.5-WATTS / 12-VOLTS FOR EACH LAMP. "E1" INDICATES WIRE TO EBU WITH SAME DESIGNATION. "CLG" INDICATES CEILING MOUNTED.	WALL, UON
	SINGLE FACE LED LIGHTED EXIT SIGN WITH EMERGENCY BATTERY BACK-UP. EQUAL TO LITHONIA #LRP-1-RC-(SEE PLANS FOR DIRECTIONAL INDICATORS)120/277-ELN. PROVIDE ARROWS WHERE INDICATED ON PLANS. .	CEILING, UON
	DOUBLE FACE LED LIGHTED EXIT SIGN WITH EMERGENCY BATTERY BACK-UP. EQUAL TO LITHONIA #LRP-2-RMR-(SEE PLANS FOR DIRECTIONAL INDICATORS)120/277-ELN. PROVIDE ARROWS WHERE INDICATED ON PLANS.	CEILING, UON

12-VOLT SYSTEM VOLTAGE DROP TABLE

TOTAL WATTS ON WIRE RUN		WIRE GAUGE				MAXIMUM LENGTH OF RUN IN FEET
		12	10	8	6	
6	-----	378	-----	600	-----	1518
7	-----	324	-----	515	-----	1301
8	-----	283	-----	450	-----	1138
10	-----	226	-----	360	-----	915
12	-----	178	-----	283	-----	715
14	-----	142	-----	226	-----	650
16	-----	133	-----	212	-----	538
18	-----	119	-----	189	-----	477
20	-----	113	-----	180	-----	455
21	-----	108	-----	171	-----	434
22	-----	103	-----	162	-----	413
24	-----	89	-----	141	-----	357
25	-----	86	-----	136	-----	344
30	-----	75	-----	120	-----	303
35	-----	65	-----	103	-----	260
40	-----	53	-----	85	-----	215
48	-----	44	-----	70	-----	178
50	-----	43	-----	68	-----	172
75	-----	28	-----	45	-----	115
100	-----	21	-----	34	-----	86
125	-----	17	-----	27	-----	69
150	-----	14	-----	23	-----	57
175	-----	12	-----	19	-----	49
200	-----	10	-----	16	-----	42
225	-----	10	-----	16	-----	40
250	-----	9	-----	14	-----	36
CONSTANT	-----	2267	-----	3604	-----	9109

LIGHTING FIXTURE NOTES	
<u>NOTES:</u>	
1. ALL LIGHT FIXTURES SHALL BE PROVIDED WITH LED LAMPS INSTALLED READY FOR OPERATION. ALL LED LAMPS SHALL HAVE THE SAME COLOR TEMPERATURE FROM A SINGLE LAMP MANUFACTURER UNLESS OTHERWISE DIRECTED BY THE ARCHITECT, OWNER, AND/OR LIGHTING DESIGNER.	
2. THE ELECTRICAL CONTRACTOR SHALL ALLOW TIME FOR DIRECTIONAL ADJUSTMENT OF ALL LIGHT FIXTURES AS DIRECTED BY ARCHITECT, OWNER, ENGINEER AND/OR LIGHTING DESIGNER.	
3. THE ELECTRICAL CONTRACTOR SHALL COORDINATE WITH THE LIGHTING FIXTURE MANUFACTURER AND LIGHTING CONTROLS MANUFACTURER TO PROVIDE COMPATIBLE COMPONENTS BETWEEN LIGHTING FIXTURE AND ASSOCIATED CONTROLS. (TYPICAL)	
4. THE ELECTRICAL CONTRACTOR SHALL COORDINATE AND VERIFY THE LIGHTING FIXTURE SPECIFICATIONS WITH THE ARCHITECT AND LIGHTING DESIGNER FOR ALL MODEL NUMBERS, REQUIRED LAMP TYPES, WATTAGE, COLOR TEMPERATURE, FOOTCANDLE LEVELS, ETC., PRIOR TO BID. THIS SCHEDULE IS FOR INFORMATIONAL PURPOSES ONLY AND DOES NOT IMPLY OR WARRANT THE LIGHTING DESIGN INTENT. (TYPICAL)	

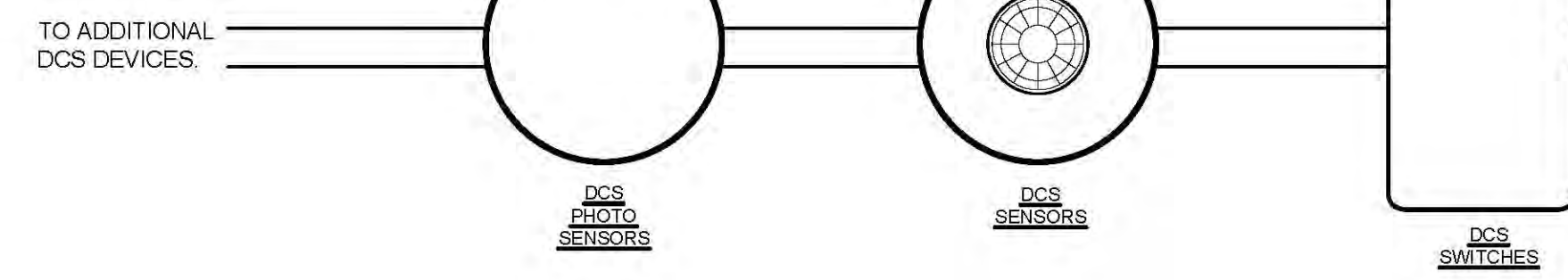
1. ALL LIGHT FIXTURES SHALL BE PROVIDED WITH LED LAMPS INSTALLED READY FOR OPERATION. ALL LED LAMPS SHALL HAVE THE SAME COLOR TEMPERATURE FROM A SINGLE LAMP MANUFACTURER UNLESS OTHERWISE DIRECTED BY THE ARCHITECT, OWNER, AND/OR LIGHTING DESIGNER.
2. THE ELECTRICAL CONTRACTOR SHALL ALLOW TIME FOR DIRECTIONAL ADJUSTMENT OF ALL LIGHT FIXTURES AS DIRECTED BY ARCHITECT, OWNER, ENGINEER AND/OR LIGHTING DESIGNER.
3. THE ELECTRICAL CONTRACTOR SHALL COORDINATE WITH THE LIGHTING FIXTURE MANUFACTURER AND LIGHTING CONTROLS MANUFACTURER TO PROVIDE COMPATIBLE COMPONENTS BETWEEN LIGHTING FIXTURE AND ASSOCIATED CONTROLS. (TYPICAL)
4. THE ELECTRICAL CONTRACTOR SHALL COORDINATE AND VERIFY THE LIGHTING FIXTURE SPECIFICATIONS WITH THE ARCHITECT AND LIGHTING DESIGNER FOR ALL MODEL NUMBERS, REQUIRED LAMPS TYPES, WATTAGE, COLOR TEMPERATURE, FOOTCANDLE LEVELS, ETC., PRIOR TO BID. THIS SCHEDULE IS FOR INFORMATIONAL PURPOSES ONLY AND DOES NOT IMPLY OR WARRANT THE LIGHTING DESIGN INTENT. (TYPICAL)



TYPICAL LOW VOLTAGE DIMMING SWITCHES/CONTROLLERS

1. PROVIDE SYSTEM START-UP AND COMMISSIONING THAT SHALL INCLUDE SYSTEMS FOR LIGHTING CONTROL, EQUIPMENT, PANELS, DIMMERS, TIMECLOCKS, RELAYS, EMERGENCY LIGHTING POWER CONTROLLERS, EMERGENCY LIGHTING INVERTER BATTERY SYSTEMS, PHOTOCELL CONTROLS, TIEM-CLOCKS, SWITCHES, OCCUPANCY SENSORS, VACANCY SENSORS, COLOR (KELVIN) TUNING AND WIRING. THE SYSTEM START-UP AND COMMISSIONING SHALL INCLUDE, BUT NOT BE LIMITED TO, VERIFYING EQUIPMENT OPERATION, EQUIPMENT INSTALLATION AND CORRECT FOR PROJECT'S DESIGN INTENT, OVERSEEING FUNCTIONAL TESTING, OWNER TRAINING, AND MANUFACTURER REVIEW WITHIN 10-MONTHS OF SUBSTANTIAL COMPLETION. THE CONTRACTOR AND LIGHTING CONTROLS MANUFACTURER SHALL COORDINATE WITH THE OWNER ON ALL OPERATION TIMES, SET POINTS, SENSITIVITY SETTINGS AND DELAY SETTINGS AND PROGRAM SYSTEMS ACCORDINGLY. THE LIGHTING CONTROLS MANUFACTURER SHALL REVIEW SHOP DRAWINGS FOR DIMMING BALLASTS AND DRIVERS TO BE USED AND VERIFY IN WRITING THE ASSOCIATED CONTROLS ARE COMPATIBLE WITH EACH DIMMING BALLAST AND DRIVER. AT A MINIMUM, THIS SITE VISIT AND MEETINGS SHALL BE REQUIRED AND SHALL BE INCLUDED AS PART OF THIS PROJECT WORK. IF FINDINGS AND DISCREPANCIES TO REVIEW SYSTEM OR CONCLUSIONS REQUIRE ADDITIONAL SITES VISITS, THEN THEY SHALL BE PROVIDED AT NO ADDITIONAL COST TO THE OWNER.

- a) PRE-INSTALLATION VISIT- MANUFACTURER SHALL PROVIDE A FACTORY AUTHORIZED TECHNICIAN TO CONFIRM PROPER PLACEMENT OF ALL LIGHTING CONTROL SYSTEM COMPONENTS AND VERIFY HIGHLY REFLECTIVE FINISHES, UNFORESEEN ARCHITECTURAL OBSTRUCTIONS, FURNITURE PLACEMENT, PENDANT LIGHTING FIXTURE HEIGHTS, WINDOWS AND WINDOW FINISHES, ETC.. WILL NOT IMPACT THE PROPER FUNCTION OF THE SYSTEM.
- b) CONSTRUCTION VISIT- MANUFACTURER SHALL PROVIDE A FACTORY AUTHORIZED TECHNICIAN TO REVIEW WIRING AND INSTALLATION METHODS WITH INSTALLING CONTRACTOR.
- c) START-UP COMMISSIONING VISIT SHALL INCLUDE THE FOLLOWING:
 - THAT ALL CONTROL STATIONS, SWITCHES, OCCUPANCY SENSORS, VACANCY SENSORS AND DAY-LIGHTING SENSORS ARE LOCATED, INSTALLED, AND ADJUSTED AS INTENDED BY THE FACTORY AND THE CONTRACT DOCUMENTS.
 - THE OCCUPANCY/VACANCY SENSORS AND DAY-LIGHTING SENSORS ARE OPERATING WITHIN THE MANUFACTURERS SPECIFICATIONS
 - THE SENSORS AND RELAY PANELS INTERACT AS A COMPLETE AND OPERATIONAL SYSTEM TO MEET THE DESIGN INTENT.
 - MANUFACTURER TO PROVIDE A WRITTEN STATEMENT VERIFYING THAT THE SYSTEM MEETS THE ABOVE REQUIREMENTS
 - CONFIRMS THAT ALL INPUT AND OUTPUTS ARE CORRECT AND FUNCTIONAL, WIRING IS COMPLETE TO THE END DEVICE AND THE END DEVICE FUNCTIONS PROPERLY.
 - TESTING THAT THE SYSTEM PROGRAMMING IS FUNCTIONAL AND SATISFIES THE DESIGN INTENT AND OWNER'S REQUIREMENTS. TESTING THE SYSTEM IN ALL MODES OF OPERATION, INCLUDING PROPER OPERATION DURING AND RECOVERY FROM LOSS OF BUILDING POWER.
2. SYSTEM TRAINING:
 - MANUFACTURER SHALL PROVIDE FACTORY AUTHORIZED TECHNICIAN TO TRAIN OWNER PERSONNEL IN THE OPERATION, PROGRAMMING AND MAINTENANCE OF THE LIGHTING CONTROL SYSTEM INCLUDING ALL OCCUPANCY SENSORS, DAY-LIGHTING CONTROLS, ROOM CONTROLLERS, CONTROLLED PLUG-LOADS, SWITCHES, ETC..
3. SYSTEM PROGRAMMING:
 - MANUFACTURER SHALL PROVIDE FACTORY AUTHORIZED TECHNICIAN FOR SYSTEM PROGRAMMING INCLUDING:
 - WIRING DOCUMENTATION.
 - SWITCH OPERATION.
4. CLOSEOUT:
 - AFTER ALL TESTING AND VERIFICATION IS COMPLETE, THE CONTRACTOR SHALL PROVIDE A COMPLETED CHECKLIST OF ALL SYSTEMS INSTALLED, AS-BUILT DRAWINGS, OPERATION AND MAINTENANCE MANUALS, RECORDS OF FINAL SETTINGS



NOT TO SCALE

[illegible]JGA
ARCHITECTURE

JOB NUMBER: 2021-08
 DRAWN BY: SPC
 CHECKED BY: RWD
 DATE ISSUED: 12 - 17 - 2021
 SCALE: NOTED

GA

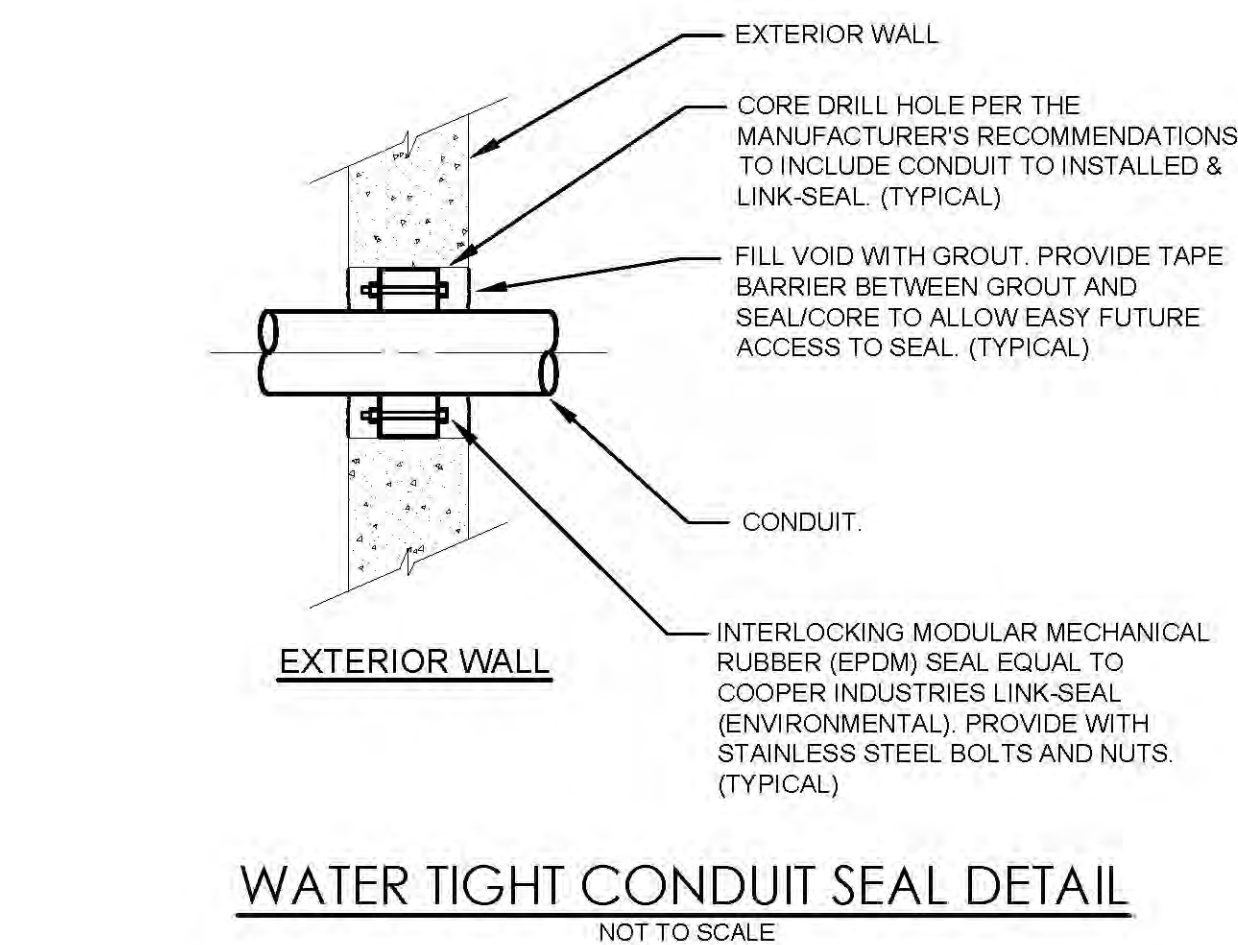
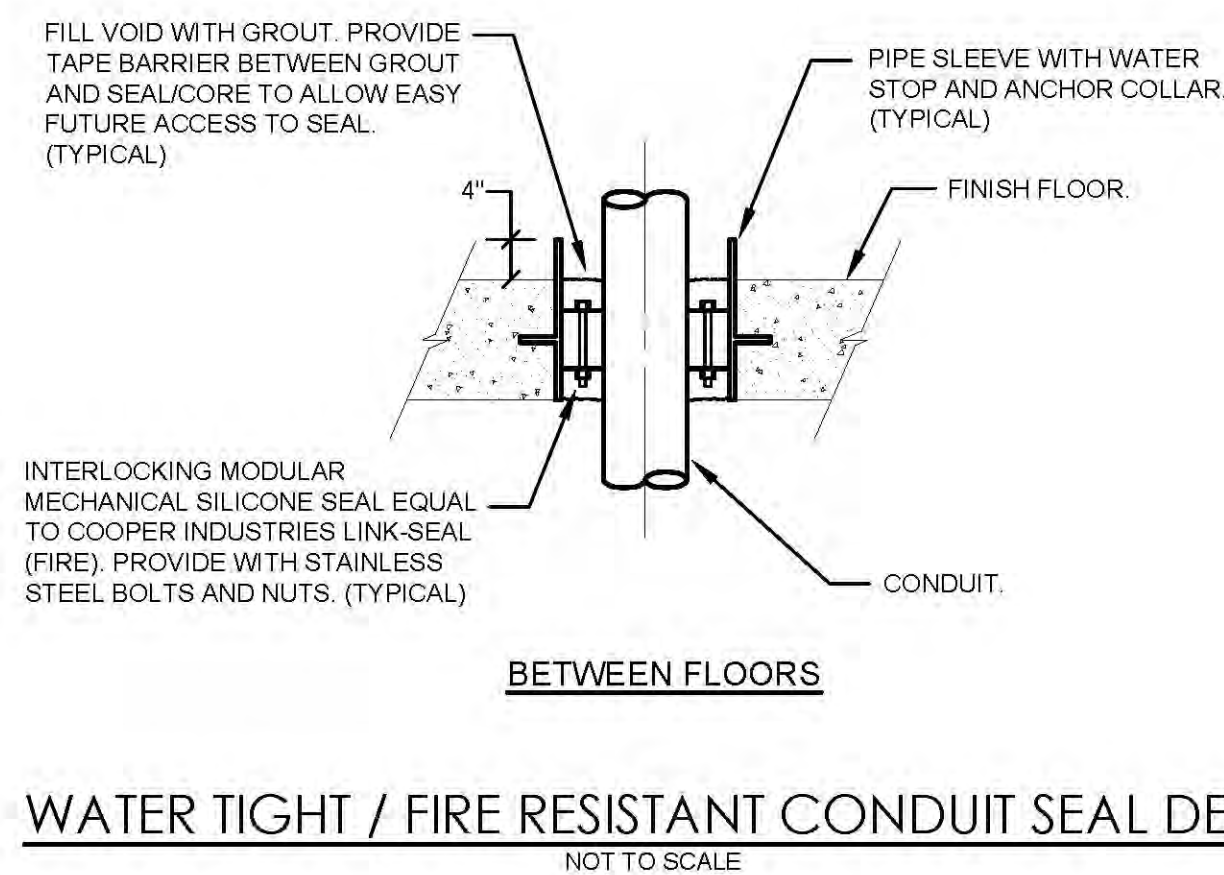
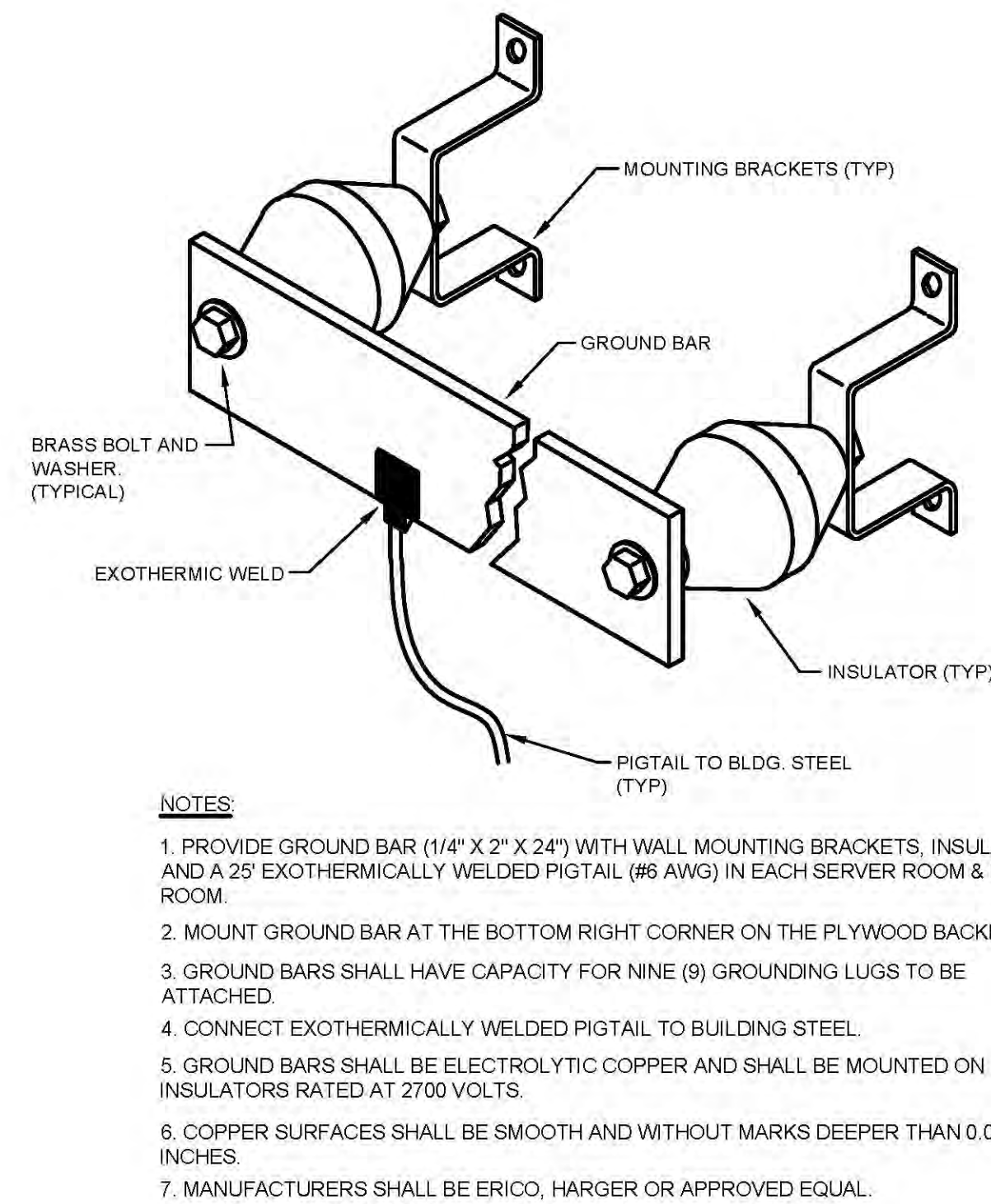
ISSUED FOR BIDDING & PERMIT: DECEMBER 17, 2021

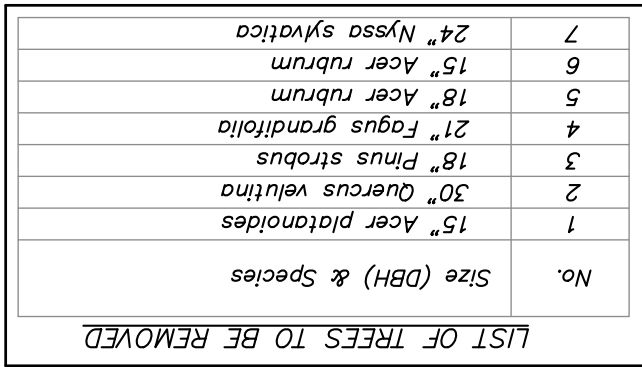
MECHANICAL EQUIPMENT ELECTRICAL CONNECTION SCHEDULE														
 ITEM No.	DESCRIPTION	EQUIPMENT CHARACTERISTICS					CIRCUIT	CIRCUIT BREAKER (HACR TYPE)	FEEDER & CONDUIT	DISCONNECT SWITCH				MANUAL MOTOR CONTROLLER
		CFM	VOLTS	PH	FREQ.	MCA				SIZE	FUSE	POLES	NEMA	
RTU-1	ROOF-TOP UNIT	2000	208	3	60	26	P1 / 27,29,31	40/3	3#8 + 1#8G IN 1".C.	60	40	3	3R	NEMA-3R MAGNETIC MOTOR STARTER.
KEF-1	KITCHEN EXHAUST FAN	2000	208	3	60	4.4	P1 / 44,46,48	15/3	3#12 + 1#12G IN 3/4".C.	30	15	3	3R	NEMA-3R MAGNETIC MOTOR STARTER.
MUA-1	MAKE-UP AIR UNIT	1600	208	3	60	4.4	P1 / 43,45,47	15/3	3#12 + 1#12G IN 3/4".C.	30	15	3	3R	NEMA-3R MAGNETIC MOTOR STARTER.
EF-1	EXHAUST FAN	350	120	1	60	1	P1 / 33	15/1	2#12 + 1#12G IN 3/4".C.	N/A	N/A	N/A	N/A	MOTOR RATED TOGGLE SWITCH / STARTER WITH THERMAL OVERLOADS
EH-1	ELECTRIC HEAT	N/A	208	1	60	8.4	P1 / 35,37	15/2	2#12 + 1#12G IN 3/4".C.	30	15	2	1	N/A
EH-2	ELECTRIC HEAT	N/A	208	1	60	8.4	P1 / 39,41	15/2	2#12 + 1#12G IN 3/4".C.	30	15	2	1	N/A

NOTES:

1. COORDINATE WITH HVAC CONTRACTOR FOR EXACT LOCATIONS OF ALL MECHANICAL EQUIPMENT PRIOR TO INSTALLING ELECTRICAL COMPONENTS.

2. CEF-1,2&3 ARE DUAL SPEED AND SHALL TO BE WIRED ACCORDINGLY PER MANUFACTURER'S INSTRUCTIONS (COORDINATE WITH M.C.). CEF-4 IS SINGLE SPEED AND SHALL BE INTERLOCKED WITH AHU-1 (COORDINATE WITH M.C.).





Site plan for a golf course clubhouse and practice area. The plan shows three main buildings: a Clubhouse, a Generator, and a Shed. The Clubhouse has a "MAXIMUM COURT HEIGHT ABOVE EXISTING GRADE 27.4" and a "RAISED WOOD PADDLEBALL COURT". The Generator building has a "MAXIMUM COURT HEIGHT ABOVE EXISTING GRADE 20.8" and a "RAISED WOOD PADDLEBALL COURT". The Shed has a "MAXIMUM COURT HEIGHT ABOVE EXISTING GRADE 13.9" and a "RAISED WOOD PADDLEBALL COURT". The plan also shows a "Practice Tee" area, a "Putting green", and a "Chain link fence". Other features include a "Riprap" area, a "Dumpster", a "Wood Guide Rail", and a "Propylene Tank". The plan includes contour lines and various annotations for construction and grading.

1. Trees to be removed are shown on drawing "SP-1".
2. Trees to be removed for utility services to be installed in accordance with the details shown on the project plans.
3. For Village Code, Section 202-11 removed trees will be replaced based on "equivalent" diameter.
4. Trees to be removed are shown on drawing "SP-1" and are to be replaced on an equivalent basis.
5. The Village Code requires that 141 cubic feet of topsoil be replaced on equivalent diameter.
6. The Village Code requires that 141 cubic feet of topsoil be replaced on an equivalent basis.
7. During tree removal operations associated with the project, lower limbs and tree trunks do not drop to the ground. They are to be chipped and disposed of in a designated area.
8. During tree removal operations associated with the project, lower limbs and tree trunks do not drop to the ground. They are to be chipped and disposed of in a designated area.
9. During tree removal operations associated with the project, lower limbs and tree trunks do not drop to the ground. They are to be chipped and disposed of in a designated area.
10. During tree removal operations associated with the project, lower limbs and tree trunks do not drop to the ground. They are to be chipped and disposed of in a designated area.
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12. During tree removal operations associated with the project, lower limbs and tree trunks do not drop to the ground. They are to be chipped and disposed of in a designated area.

This topographic map illustrates a residential development project. The site is bounded by a '100' MILES OF RAINFALL BUFFER' line. Key features include:

- Proposed Construction:** A '1-STORY EXISTING 1-STORY HOUSE, PORCH, AND STORAGE' and a 'NEW 1-STORY HOUSE' are shown with their footprints and elevations. A 'NEW 1-STORY HOUSE' is also indicated by a dashed line.
- Removals:** A 'PORTION OF EXISTING CART PATH' and an 'EXISTING TREE TO BE REMOVED (TYP.)' are marked with 'X' and circled numbers 1 through 7.
- Infrastructure:** 'Asphalt Cart Path' and 'Gravel Stairs' are shown. A 'WOOD PILE' is also indicated.
- Topography:** Contour lines show elevations ranging from 280 to 302.3. 'Sand Trap' areas are marked with elevations like 280.7, 280.1, 280.0, 280.2, 280.3, 280.4, 280.5, 280.6, 280.7, 280.8, 280.9, 281.0, 281.1, 281.2, 281.3, 281.4, 281.5, 281.6, 281.7, 281.8, 281.9, 282.0, 282.1, 282.2, 282.3, 282.4, 282.5, 282.6, 282.7, 282.8, 282.9, 283.0, 283.1, 283.2, 283.3, 283.4, 283.5, 283.6, 283.7, 283.8, 283.9, 284.0, 284.1, 284.2, 284.3, 284.4, 284.5, 284.6, 284.7, 284.8, 284.9, 285.0, 285.1, 285.2, 285.3, 285.4, 285.5, 285.6, 285.7, 285.8, 285.9, 286.0, 286.1, 286.2, 286.3, 286.4, 286.5, 286.6, 286.7, 286.8, 286.9, 287.0, 287.1, 287.2, 287.3, 287.4, 287.5, 287.6, 287.7, 287.8, 287.9, 288.0, 288.1, 288.2, 288.3, 288.4, 288.5, 288.6, 288.7, 288.8, 288.9, 289.0, 289.1, 289.2, 289.3, 289.4, 289.5, 289.6, 289.7, 289.8, 289.9, 290.0, 290.1, 290.2, 290.3, 290.4, 290.5, 290.6, 290.7, 290.8, 290.9, 291.0, 291.1, 291.2, 291.3, 291.4, 291.5, 291.6, 291.7, 291.8, 291.9, 292.0, 292.1, 292.2, 292.3, 292.4, 292.5, 292.6, 292.7, 292.8, 292.9, 293.0, 293.1, 293.2, 293.3, 293.4, 293.5, 293.6, 293.7, 293.8, 293.9, 294.0, 294.1, 294.2, 294.3, 294.4, 294.5, 294.6, 294.7, 294.8, 294.9, 295.0, 295.1, 295.2, 295.3, 295.4, 295.5, 295.6, 295.7, 295.8, 295.9, 296.0, 296.1, 296.2, 296.3, 296.4, 296.5, 296.6, 296.7, 296.8, 296.9, 297.0, 297.1, 297.2, 297.3, 297.4, 297.5, 297.6, 297.7, 297.8, 297.9, 298.0, 298.1, 298.2, 298.3, 298.4, 298.5, 298.6, 298.7, 298.8, 298.9, 299.0, 299.1, 299.2, 299.3, 299.4, 299.5, 299.6, 299.7, 299.8, 299.9, 300.0, 300.1, 300.2, 300.3, 300.4, 300.5, 300.6, 300.7, 300.8, 300.9, 301.0, 301.1, 301.2, 301.3, 301.4, 301.5, 301.6, 301.7, 301.8, 301.9, 302.0, 302.1, 302.2, 302.3.
- Other Features:** 'Sand Trap', '15th Green', '10th Green', 'Pond', 'Retaining Wall', 'Stone', 'Wolf', 'ICV Box', 'Tee Box', 'Sign', 'Road', 'Road Ditch', 'Metal', 'Curb', 'Ledge', 'Stone', 'Asphalt Cart Path', 'Gravel Stairs', 'Wood Pile', '100' MILES OF RAINFALL BUFFER'.

GRAPHIC SCALE

(IN FEET)
1 inch = 20 ft.

NO.	DATE	REVISION
1	11-8-21	REVISED PER PLANNING BOARD COMMENTS
2	11-17-21	REVISED FOR ZONING BOARD SUBMITTALS
BY		

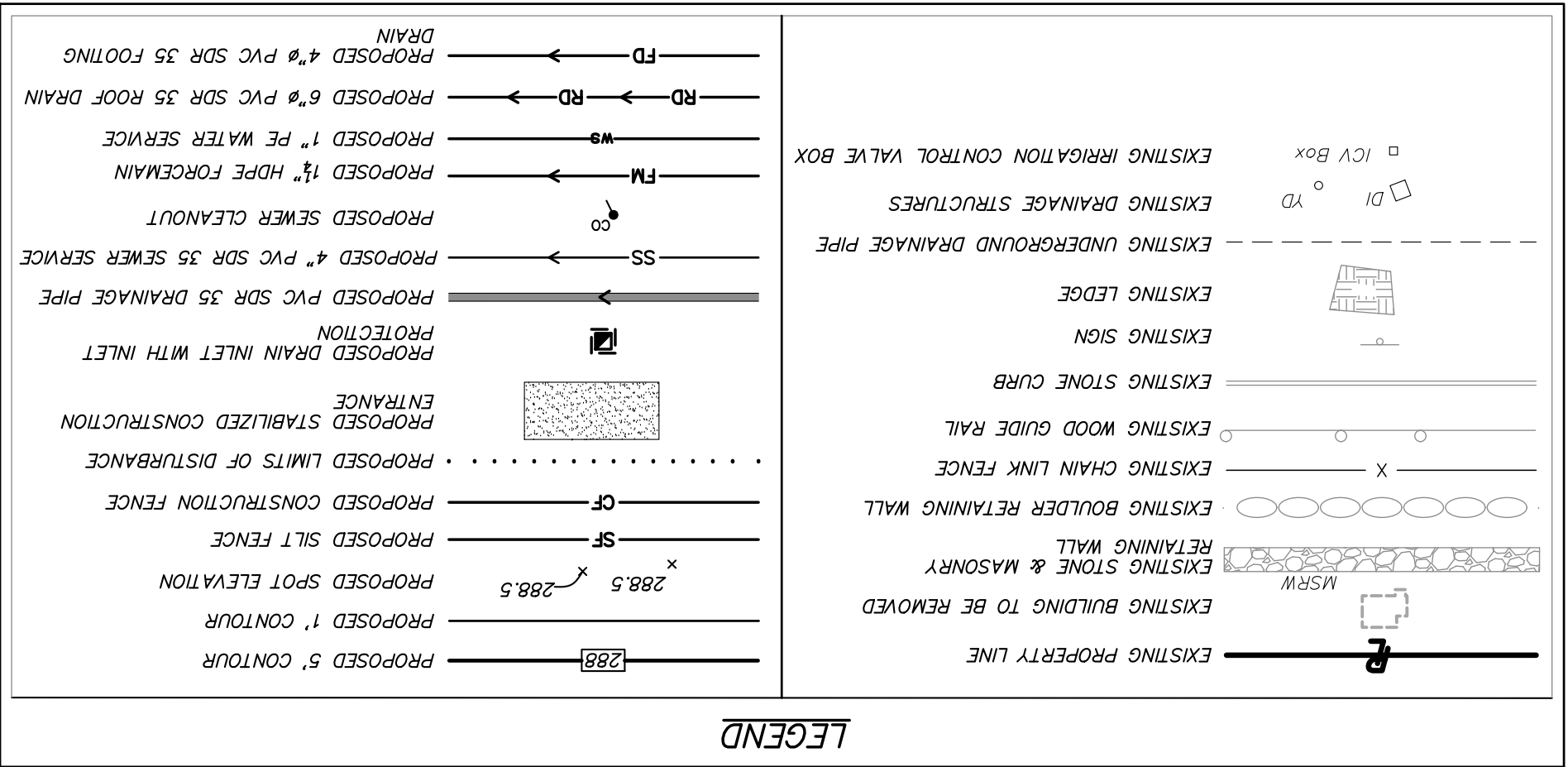
	
LANDSCAPE ARCHITECTURE & ENGINEERING, SURVEYING & P.C.	
3 Garrett Place Corbair, NY 10512 (845) 225-9850 (845) 225-9717 fax www.insite-eng.com	

PROJECT: ARDSLEY COUNTRY CLUB HALFWAY HOUSE & PADDL TENNIS COURTS NORTH MOUNTAIN DRIVE, VILLAGE OF INVATION, WESTCHESTER COUNTY, NEW YORK		DRAWING: EXISTING CONDITIONS & REMOVALS PLAN
PROJECT 21190.100 PROJECT MANAGER BY 10-20-21 1" = 20' CHECKED BY	Z.M.P. S.M.R. D.L.M.	DRAWING NO. EX-1 8 SHEET



Page 39

- Page 39



*REFER TO DRAWING
OP-1 FOR GENERAL
NOTES*

1. **Stake out limit of disturbance, establish staging area and mark**
2. **Access to be removed**
3. **Remove all vehicles**
4. **Remove all personnel**
5. **Remove all equipment**
6. **Remove all materials**
7. **Remove all debris**
8. **Remove all vegetation**
9. **Remove all structures**
10. **Remove all utilities**
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CONSTRUCTION SEQUENCE:



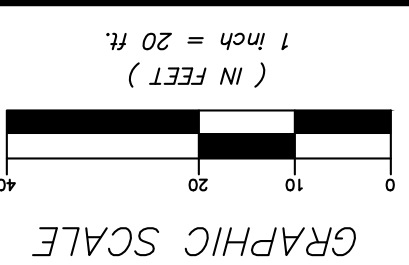
EARTHWORK NOTES:

1. The earthwork calculations are based on the difference between the existing grades and the proposed grades. Any excavation within building footprints shall be assumed to be on foot below the grade elevation. Any excavation outside building footprints shall be assumed to be on the existing ground.
2. All volumes were rounded to the nearest 10 cubic yards.
3. Factors for swell or compaction were not applied in this analysis.
4. This analysis is preliminary for permitting only. These numbers should be used by a contractor for bidding purposes. The contractor is responsible for providing their own earthwork analysis.
5. Unless otherwise noted, the depth to ledge rock and/or impacts associated with rock excavation have not been considered in these calculations.
6. Cut/fill material shall not be imported to or exported from the site.
8. Imported fill must be certified and approved by the village building inspector or engineer.

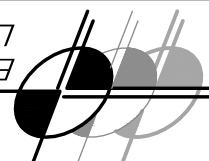
EARTHWORK SUMMARY:

NOTE: The earthwork numbers below are for permitting purposes.

CUT:	10 C.Y.
FILL:	240 C.Y.
NET:	230 C.Y. (FILL)



NO.	DATE	REVISION
1	10-20-21	REVISED PER PLANNING BOARD COMMENTS
2	11-8-21	REVISED FOR ZONING BOARD SUBMISSION
3	11-17-21	REVISED PER PLANNING BOARD COMMENTS

		
LANDSCAPE ARCHITECTURE, P.C. ENGINEERING, SURVEYING & PLANNING		
3 Corbett Place Carmel, N.Y. 10512 (845) 225-9690 (845) 225-9717 fax www.insite-ang.com		

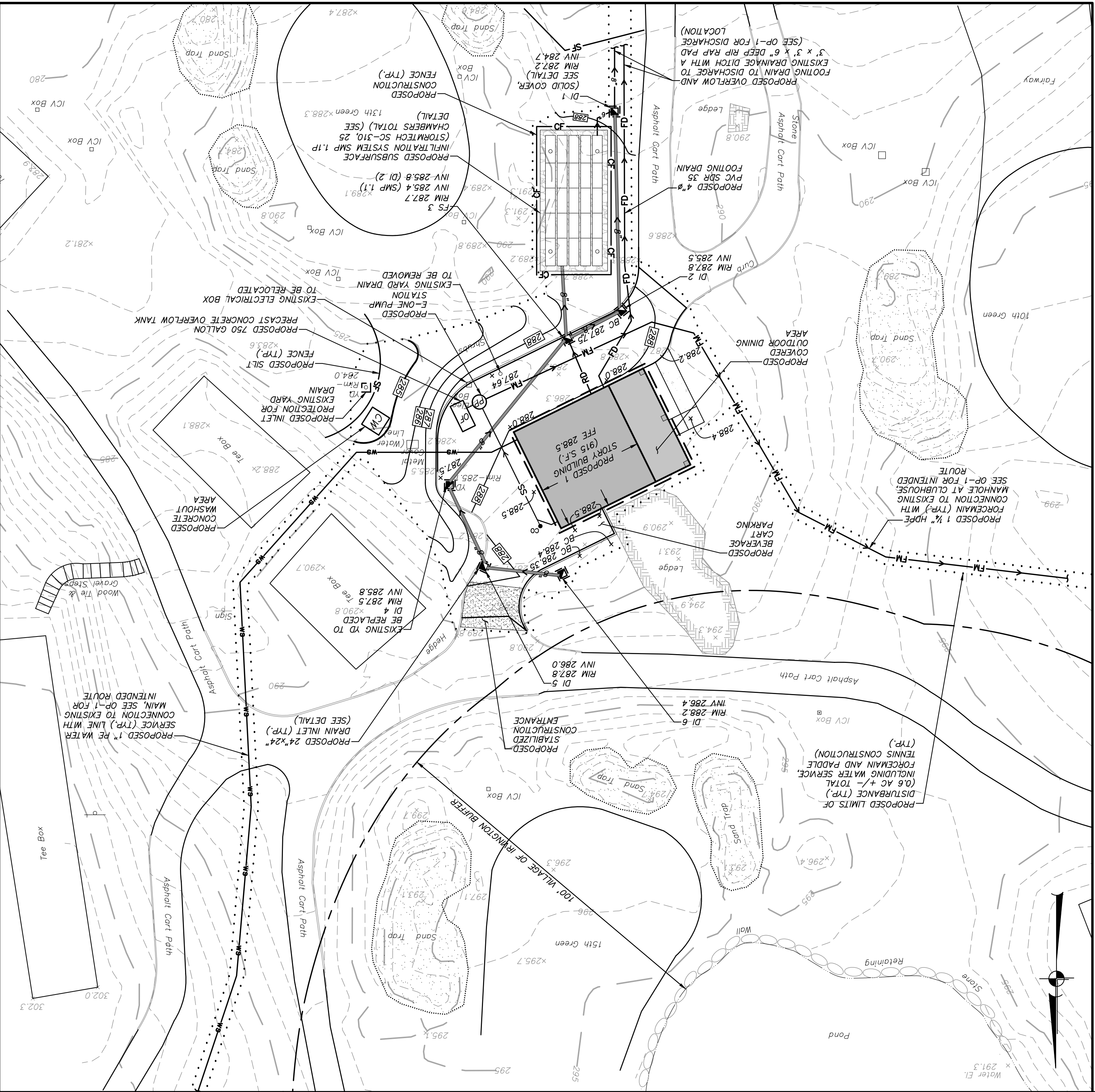
PROJECT: ADKLEY COUNTRY CLUB HALFWAY HOUSE & PADLE TENNIS COURTS NORTH MOUNTAIN DRIVE, VILLAGE OF WASHINGTON, WESTCHESTER COUNTY, NEW YORK		
DRAWING: GRADING, UTILITIES & EROSION CONTROL PLANS		

PROJECT	21190.100	PROJECT MANAGER	Z.M.P.	DRAWING NUMBER	9-22-21	CHECKED	D.L.M.
DATE	9-22-21	BY	S.M.R.	DATE	1" = 20'	BY	CHECKED
SP-2 DRAWING NO. SHEET 4							



HALFWAY HOUSE PLAN

NOTE: The contour interval shown on the Halfway House Plan above is 1 foot intervals.



ALTERATION OF THIS DOCUMENT, UNLESS UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, IS A VIOLATION OF SECTION 7209 OF ARTICLE 145 OF THE EDUCATION LAW.

ALTERATION OF THIS DOCUMENT, UNLESS UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, IS A VIOLATION OF SECTION 7209 OF ARTICLE 145 OF THE EDUCATION LAW.

PE PIPE WATER TESTING PROCEDURES

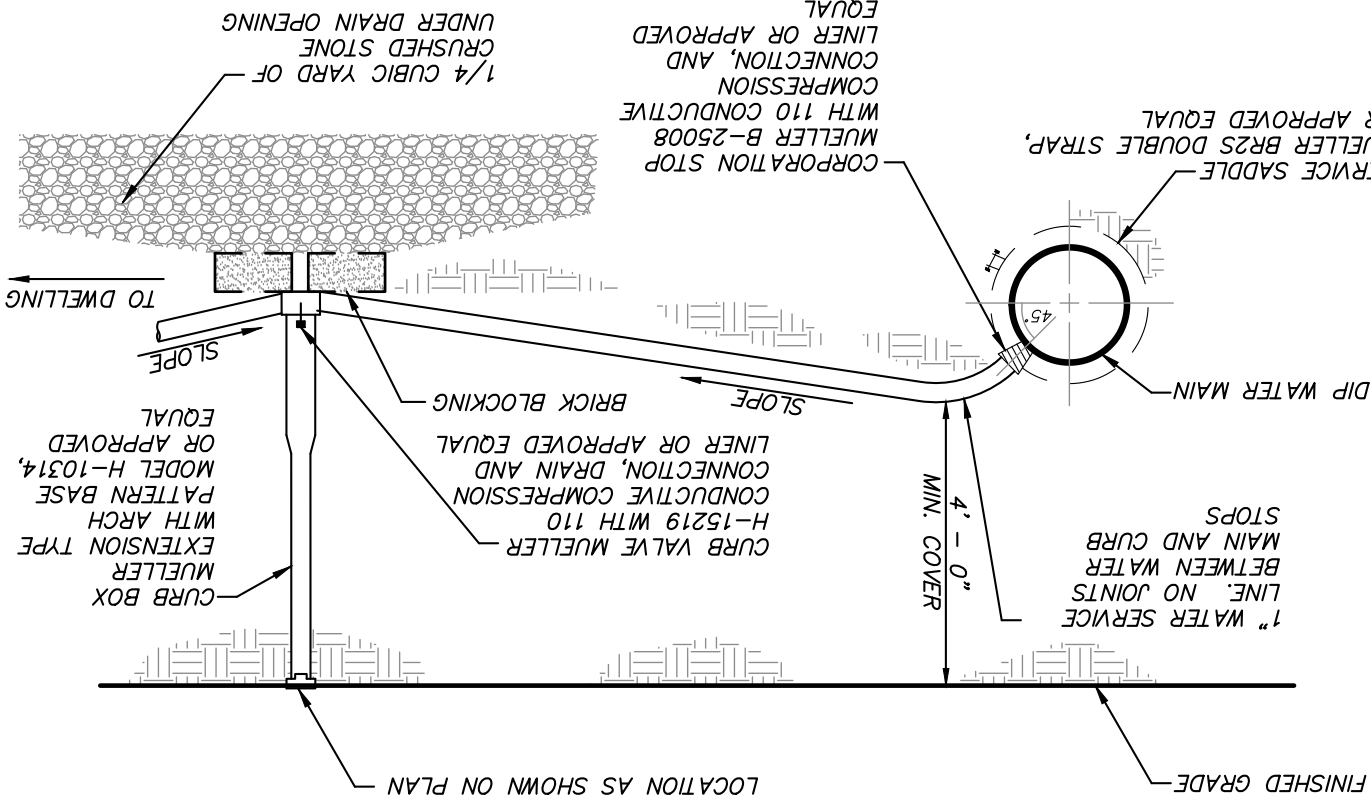
1. Test pressure shall be as scheduled or, where no pressure is scheduled, shall be 100 psi.
2. Test pressure shall be held on the piping for a period of at least 30 minutes, unless a longer period is requested by the Engineer.
3. All exposed piping shall be examined during the test and all leaks, defective material or joints shall be repaired or replaced before repeating the tests.
4. The allowable leakage for formation pressure pipelines shall not exceed 0.5 gallons per 1,000' of pipe for any 30-minute period.
5. Regardless of the above allowances, any visible leaks shall be permanently stopped.
6. The test medium shall be water.

SEWER FORCEMAIN TESTING PROCEDURES

TESTS ON PRESSURE PIPING FOR TRANSPORT OF SEWAGE

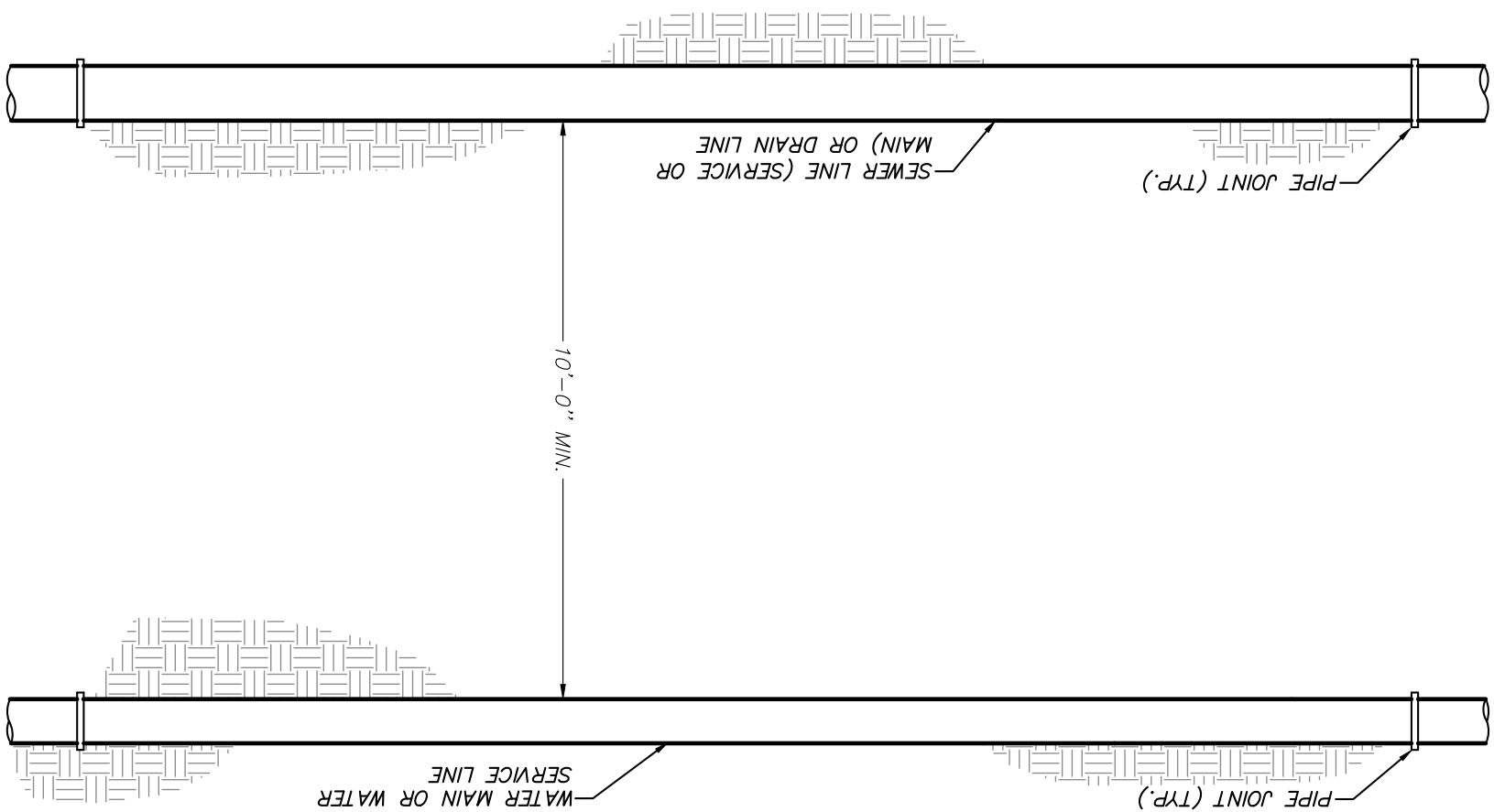
-
- Diagram illustrating the trench construction for a water service line. The trench is 2'-0" wide and 3'-6" deep (MIN. FOR SEWER). The trench is filled with sand, compacted run of bank gravel or washed sand, and suitable backfill material free of organic material and stones greater than 6". The trench is lined with magnetic underlayment for appropriate utility. The trench is finished grade and has a marking tape label.
- Labels and dimensions:
- 1 1/4" HDPE SEWER
 - FORCE MAIN OR 1 1/2" PVC
 - WATER SERVICE LINE
 - 4'-0"
 - 6'-0"
 - SAND
 - COMPACTED RUN OF BANK GRAVEL OR WASHED SAND
 - SUITABLE BACKFILL MATERIAL, FREE OF ORGANIC MATERIAL AND STONES GREATER THAN 6"
 - MAGNETIC UNDERGROUND MARKING TAPE LABEL FOR APPROPRIATE UTILITY.
 - 8" (TYP.)
 - FINISHED GRADE
 - 2'-0"
 - 3'-6" (MIN. FOR SEWER)

SEWER FORCE MAIN TRENCH OR WATER SERVICE LINE TRENCH DETAIL (N.T.S.)



PE WATER SERVICE LINE CONNECTION TO DIP WATER MAIN DETAIL (N.T.S.)

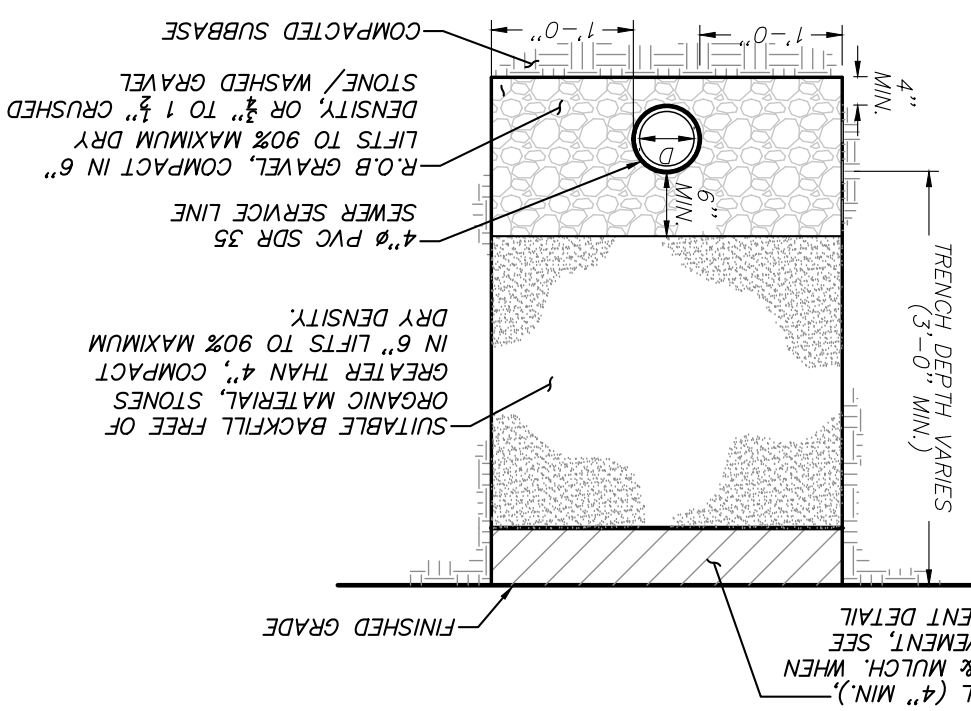
1. PROVIDE 2' MINIMUM SEPARATION DISTANCE FROM CORPORATION STOP TO OTHER CORPORATION STOPS, VALVES, PIPE JOINTS OR FITTINGS.



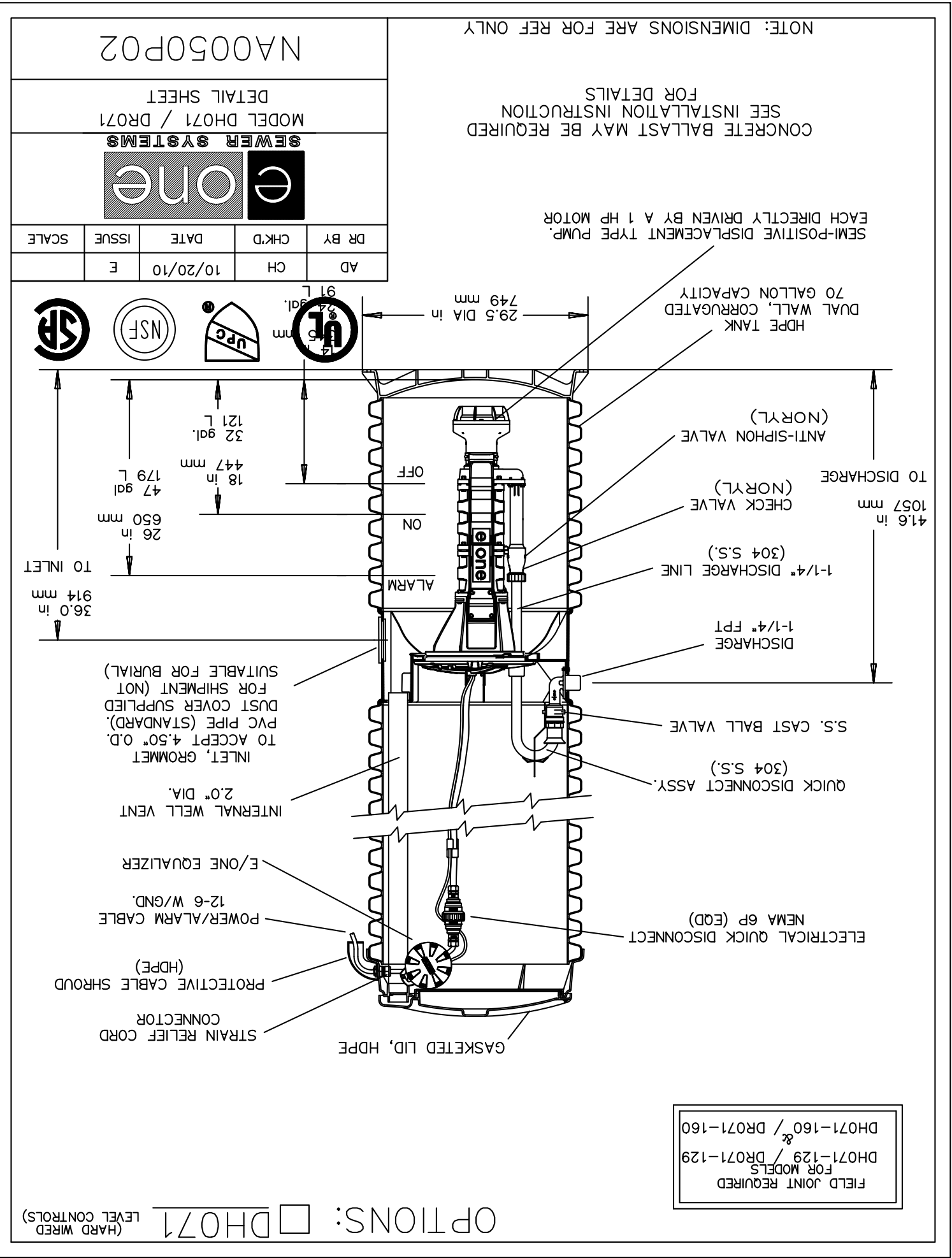
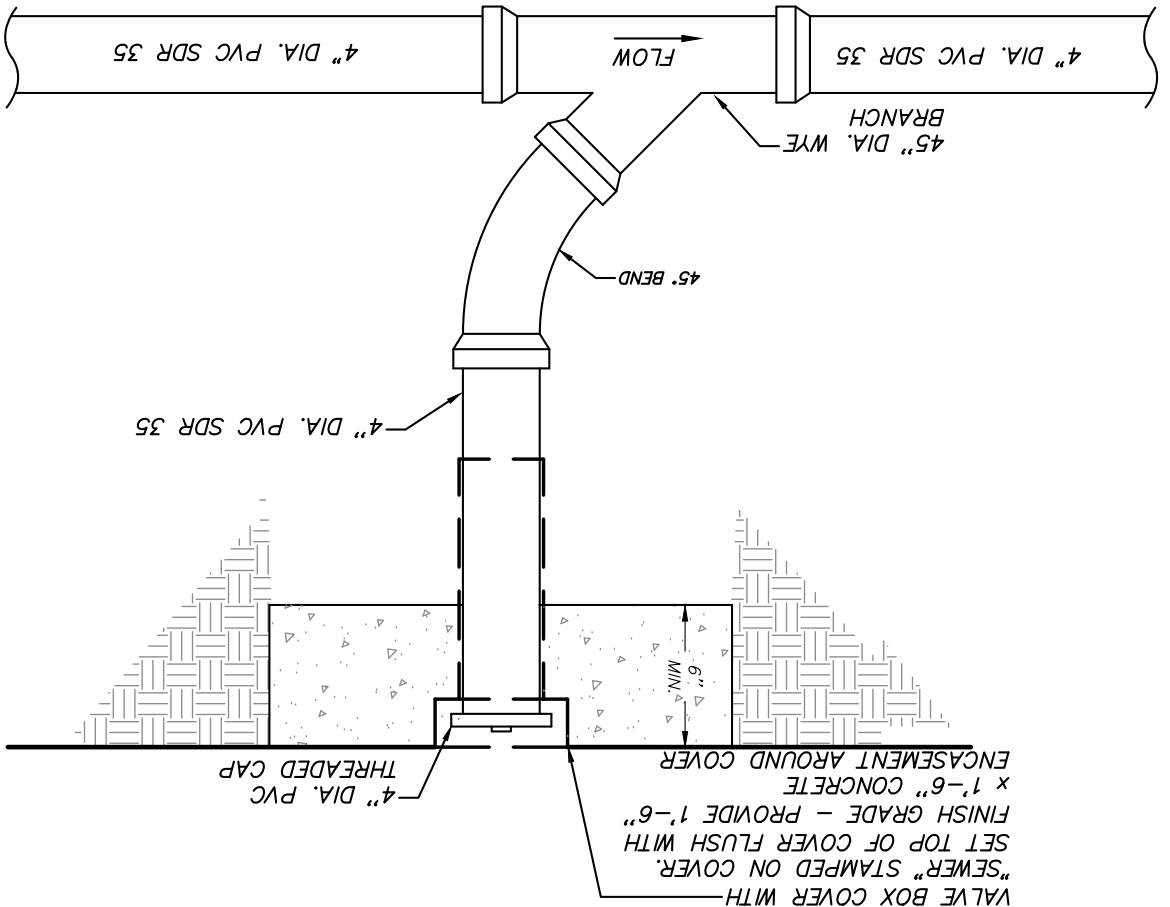
WATER LINE HORIZONTAL SEPARATION DETAIL
(N.T.S.)

- NOTES:
1. WHEN THE 10' SEPARATION CANNOT BE MAINTAINED, THE WATER LINE SHALL BE ENCASED IN CONCRETE (SEE DETAIL) ONLY WITH PRIOR APPROVAL OF THE DESIGN ENGINEER AND DEPARTMENT OF HEALTH.
 2. THE 10' SEPARATION APPLIES TO WATER MAINS AND WATER SERVICE CONNECTIONS.

SEWER SERVICE LINE TRENCH DETAIL



SEWER LINE CLEANOUT DETAIL



E-ONE GRINDER PUMP STATION
(TO BE DESIGNED FOR H-20 LOADING)
(N.T.S.)

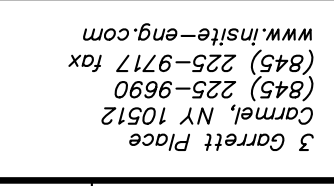
NO.	DATE	REVISION
1	10-20-21	REVISED PER PLANNING BOARD COMMENTS
2	11-17-21	REVISED PER PLANNING BOARD COMMENTS

		INSITE LANDSCAPE ARCHITECTURE, P.C. ENGINEERING, SURVEYING & PROJECT:
ARDSLEY COUNTRY CLUB HALFWAY HOUSE & PADDLE TENNIS COURTS NORTH MOUNTAIN DRIVE, VILLAGE OF INVANTON, WESTCHESTER COUNTY, NEW YORK		
DRAWING:		
DETAILS		

PROJECT	121190.100	PROJECT MANAGER	Z.M.P.	DRAWING NO.	D-2
NUMBER	9-22-21	DRAWN BY	S.M.R.		
SCALE	AS SHOWN	CHECKED BY	D.L.M.		

SHEET 6
 D-2

3 Carroll Place
 Carmel, NY 10512
 (845) 225-8630
 (845) 225-9717 fax
 www.insite-eng.com



ALTERATION OF THIS DOCUMENT, UNLESS UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, IS A VIOLATION OF SECTION 7209 OF ARTICLE 145 OF THE EDUCATION LAW.



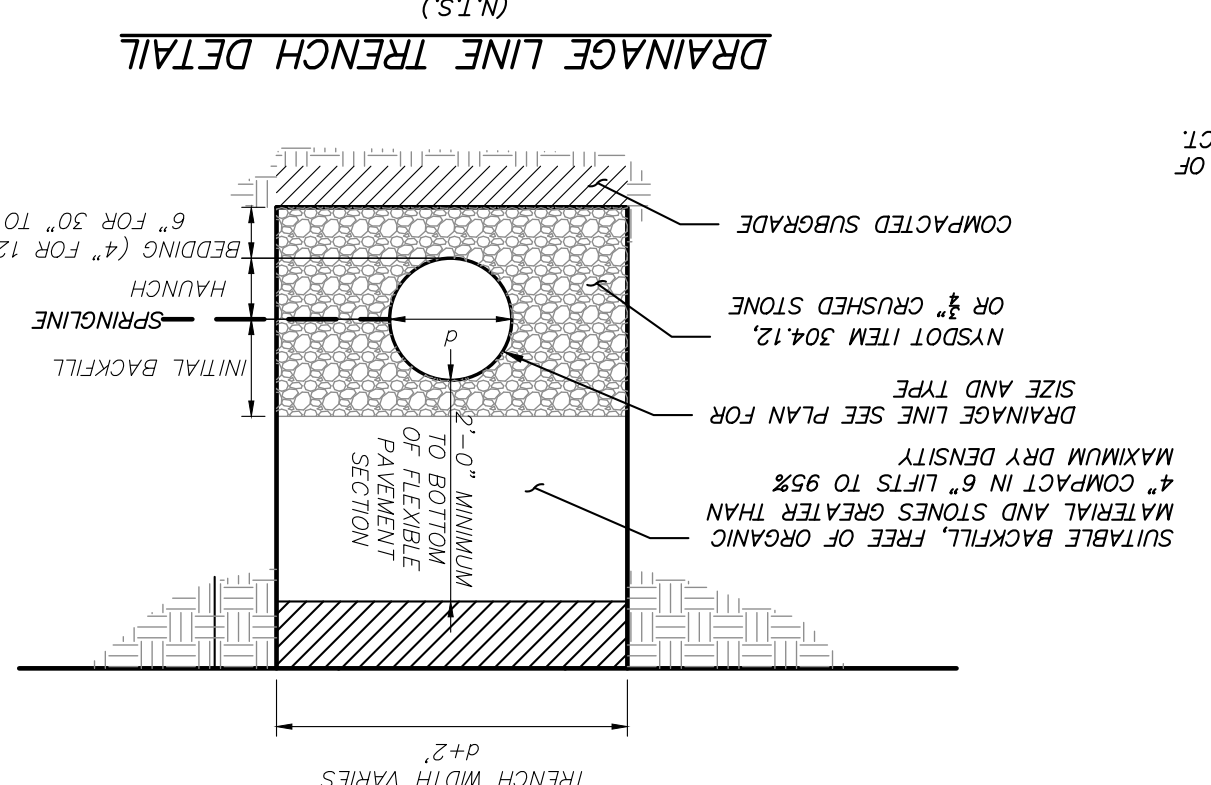
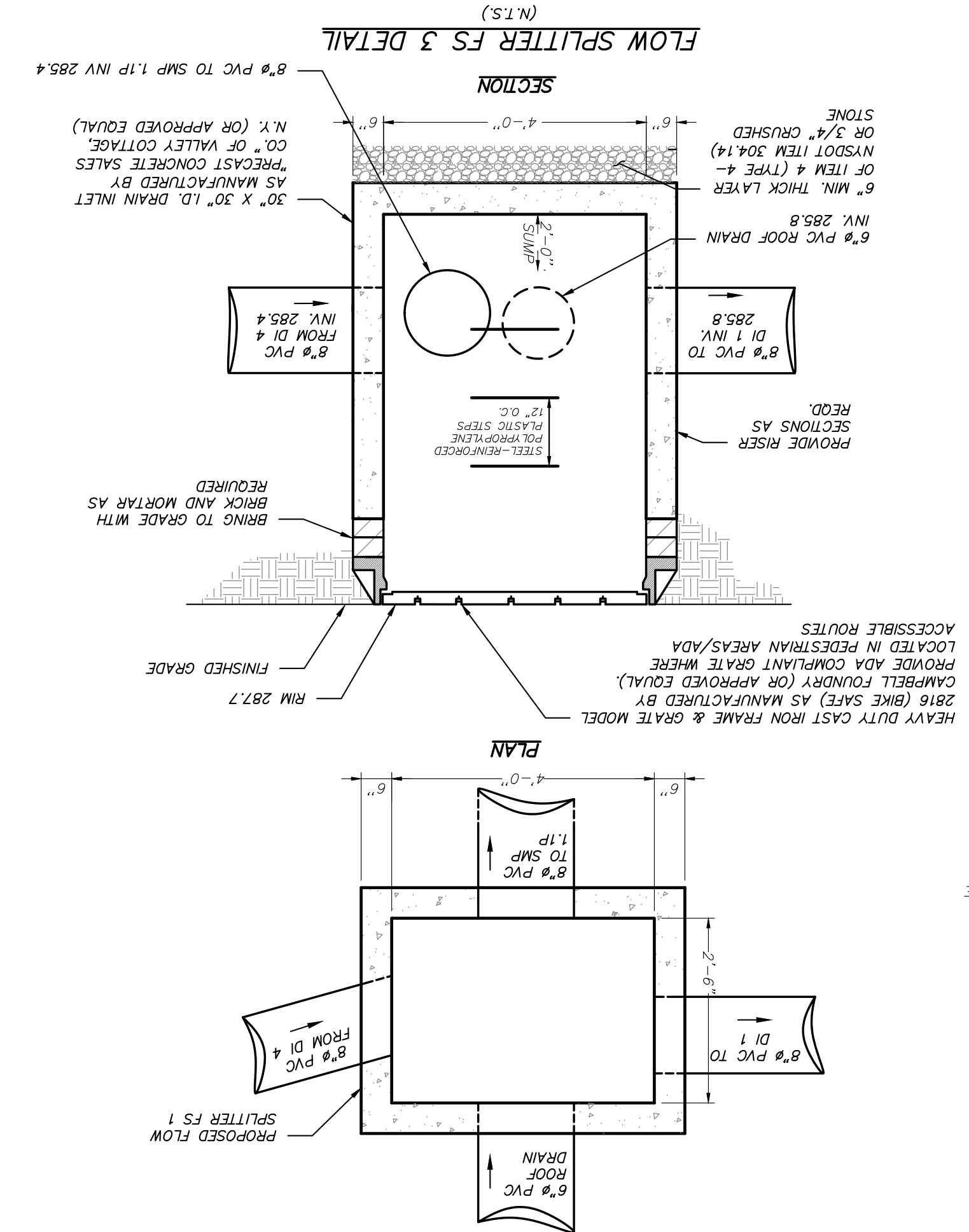
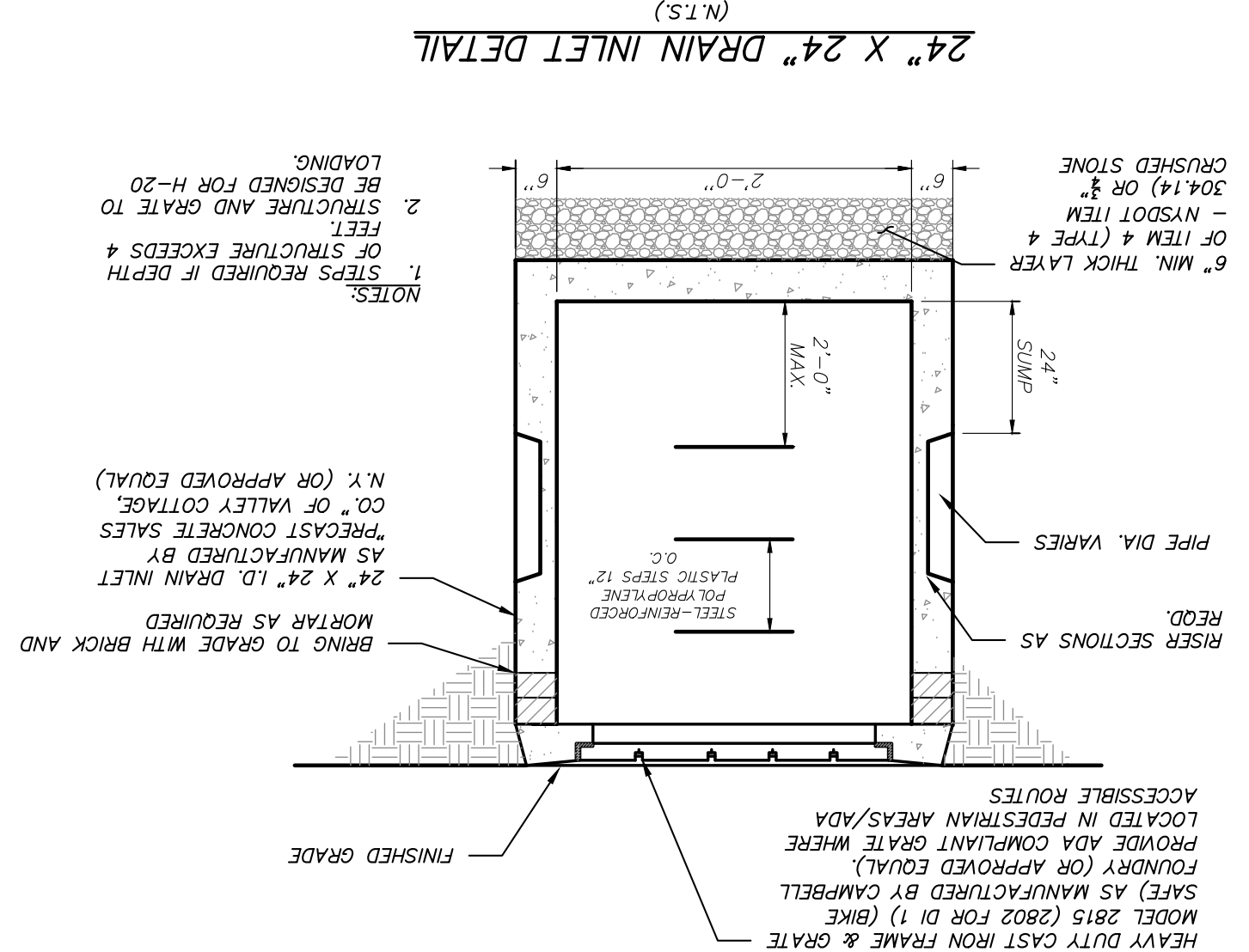
17 HOLE DRAINAGE STABILIZATION PLAN

SCALE: 1" = 30'

1. Property line information derived from a survey entitled "Survey of Property prepared for The Ardsley Country Club Inc." prepared on August 13, 1996 by Charles Riley, Filed map #4080 entitled "Map of Property conveyed to Frank Joy Gould by Justine B. Ward" prepared on October 18, 1934 by Chas J. Downing, Field Map #25239 "Subdivision Map of Phase 1 prepared for R.R. Irvington Associates" completed July 13, 1994 by Word Carpenter Engineers Inc.
2. Boundary tie-in confirmed by Insite Engineering, Surveying & Landscape Architecture, P.C. on November 11, 2021.

PROPERTY LINE NOTES:

PROJECT: ARSLEY COUNTRY CLUB HALFWAY HOUSE & PADLE TENNIS COURTS NORTH MOUNTAIN DRIVE, VILLAGE OF IRVINGTON, WESTCHESTER COUNTY, NEW YORK	PROJECT NUMBER: 21190.100 PROJECT MANAGER: Z.M.P.	DATE: 10-20-21 DRAWN BY: S.M.R.	SCALE: AS SHOWN CHECKED BY: D.L.M.
NO. 1	DATE: 11-17-21	REVISION: REVISED PER PLANNING BOARD COMMENTS	BY: SMR
PROJECT: LANDSCAPE ARCHITECTURE, P.C. ENGINEERING, SURVEYING & LANDSCAPE ARCHITECTURE, P.C. 3 Garrett Place Glenville, NY 10512 (945) 225-9690 (945) 225-9717 fax www.insite-eng.com			
DRAWING NO. D-3			
SHEET 7			



STORMWATER UNDERGROUND INFILTRATION SYSTEM DETAIL

DESIGNATION (S.F.)	SYSTEM	STORMTECH	QUANTITY	OVERALL SYSTEM	ELEV. A	ELEV. B	ELEV. C	ELEV. D	ELEV. E	OUTLET INV	OUTLET F
741	SC-310	SC-310	25	284.7	285.2	286.5	287	285.2 (8")	286.0 (6")		

