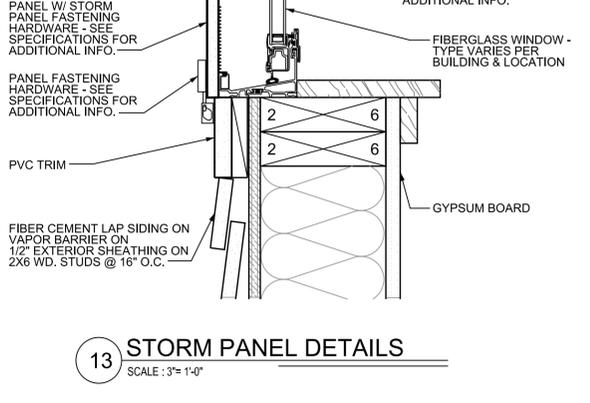
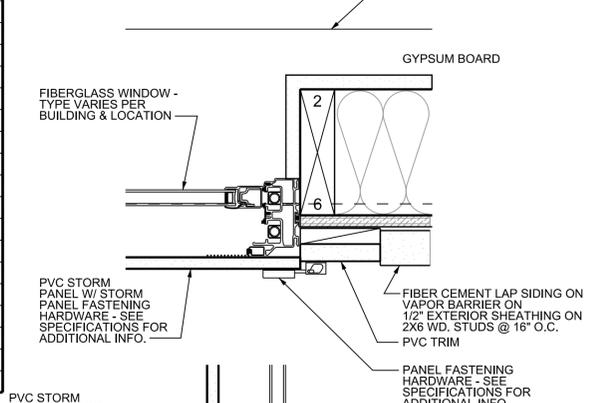
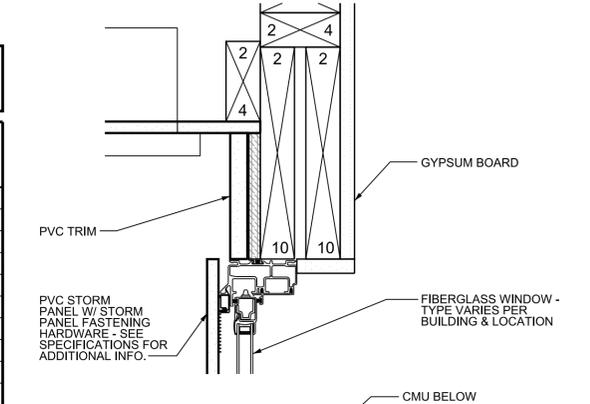
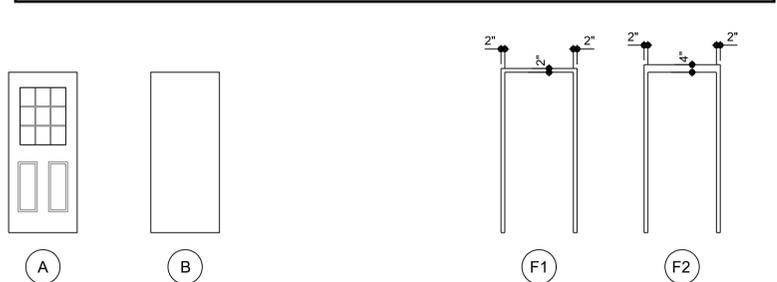
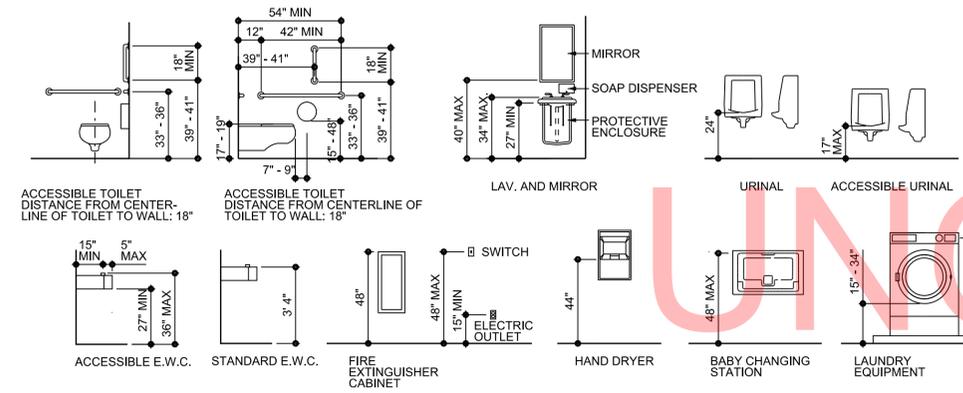
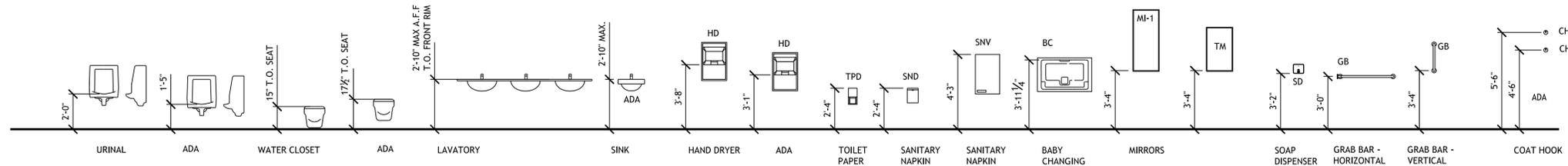


DOOR SCHEDULE

SYMBOL	SPACE NO.	DOOR				FRAME										HARDWARE SET	REMARKS
		WIDTH	HEIGHT	THICK	MAT	TYPE	FIN	GLASS	CUT	MAT	TYPE	FIN	H	J	S		
100A	1	3' 0"	7' 0"	1 3/4"	FRP	A	F	PG1	---	FRP	F1	F	H5	J2/J4	#	1	---
100B	1	3' 0"	7' 0"	1 3/4"	FRP	A	F	PG1	---	FRP	F1	F	H5	J2/J4	#	1	---
200	1	3' 0"	7' 0"	1 3/4"	FRP	A	F	PG1	---	FRP	F1	F	H5	J2/J4	#	1	---
300	1	3' 0"	7' 0"	1 3/4"	FRP	A	F	PG1	---	FRP	F2	F	H2	J3	#	2	---
301	1	3' 0"	7' 0"	1 3/4"	FRP	B	F	---	---	FRP	F2	F	H1	J1	#	3	---
400	1	3' 0"	7' 0"	1 3/4"	FRP	B	F	---	---	FRP	F2	F	H3	J5	#	4	---
402	1	3' 0"	7' 0"	1 3/4"	FRP	B	F	---	---	FRP	F2	F	H3	J5	#	4	---
404	1	3' 0"	7' 0"	1 3/4"	FRP	B	F	---	---	FRP	F2	F	H2	J3	#	4	---
500	1	3' 0"	7' 0"	1 3/4"	FRP	B	F	---	---	FRP	F2	F	H3	J5	#	5	---
501	1	3' 0"	7' 0"	1 3/4"	FRP	B	F	---	---	FRP	F2	F	H3	J5	#	5	---
502	1	3' 0"	7' 0"	1 3/4"	FRP	B	F	---	---	FRP	F2	F	H2	J3	#	5	---
800	1	3' 0"	7' 0"	1 3/4"	FRP	B	F	---	---	FRP	F2	F	H3	J5	#	5	---
802	1	3' 0"	7' 0"	1 3/4"	FRP	B	F	---	---	FRP	F2	F	H4	J6	#	5	---
803	1	3' 0"	7' 0"	1 3/4"	FRP	B	F	---	---	FRP	F2	F	H3	J5	#	5	---
805	1	3' 0"	7' 0"	1 3/4"	FRP	B	F	---	---	FRP	F2	F	H4	J6	#	5	---
900	1	3' 0"	7' 0"	1 3/4"	FRP	B	F	---	---	FRP	F2	F	H3	J5	#	5	---
902	1	3' 0"	7' 0"	1 3/4"	FRP	B	F	---	---	FRP	F2	F	H3	J5	#	5	---
904	1	3' 0"	7' 0"	1 3/4"	FRP	B	F	---	---	FRP	F2	F	H2	J3	#	5	---
904	2	3' 0"	7' 0"	1 3/4"	FRP	B	F	---	---	FRP	F2	F	H2	J3	#	5	---

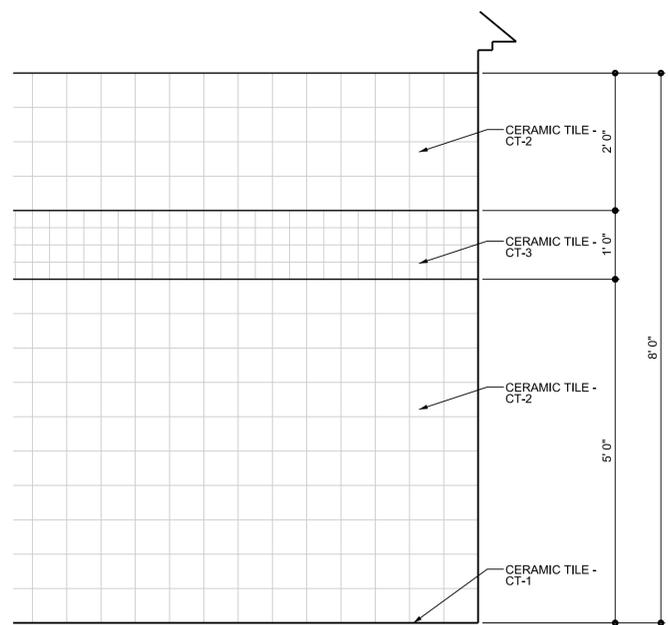
DOOR & FRAME ELEVATIONS



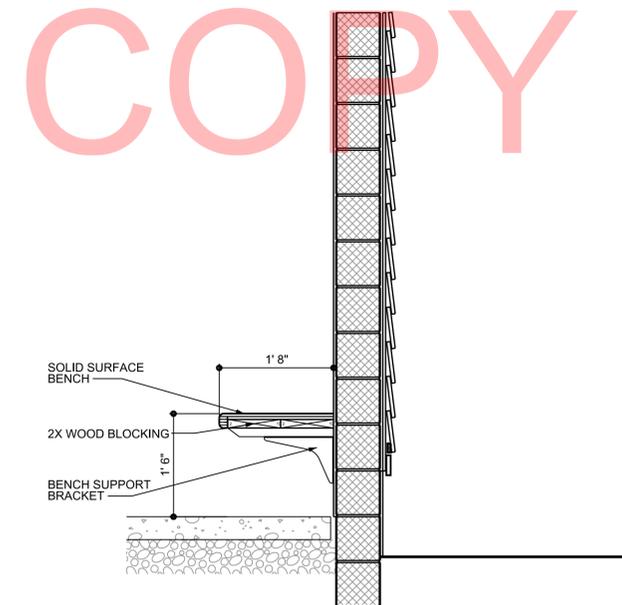


5 ADA MOUNTING HEIGHTS

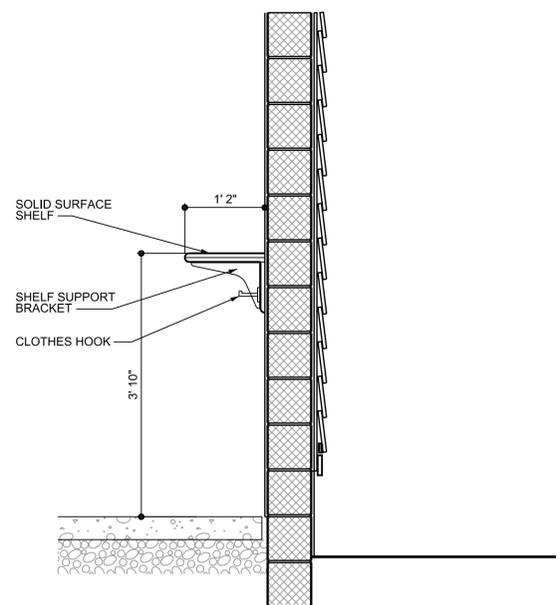
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COPY



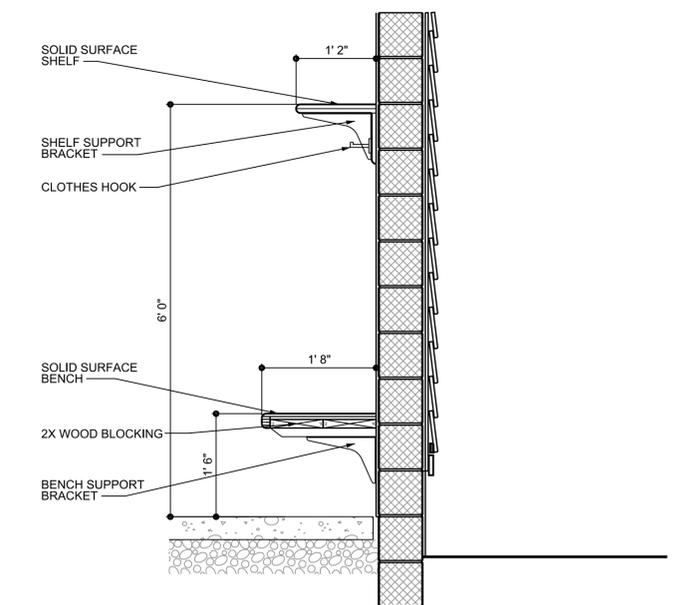
4 CERAMIC TILE PATTERN
SCALE: 3/4" = 1'-0"



3 SECTION AT ADA BENCH
SCALE: 3/4" = 1'-0"



2 SECTION AT ADA SHELF
SCALE: 3/4" = 1'-0"

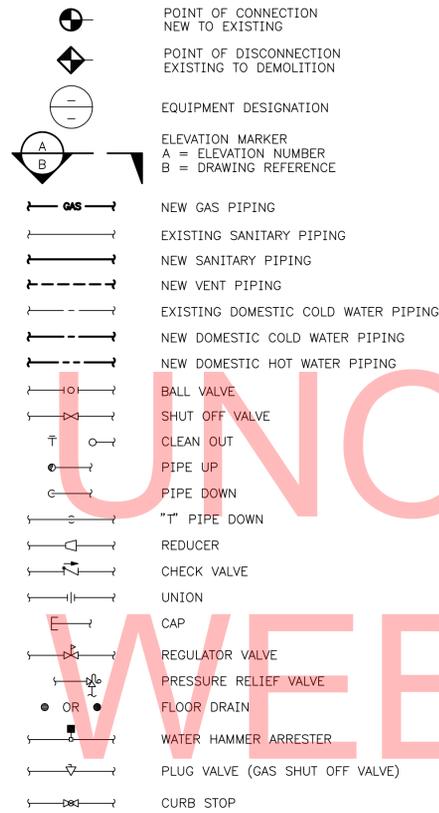


1 SECTION AT BENCH & SHELF
SCALE: 3/4" = 1'-0"

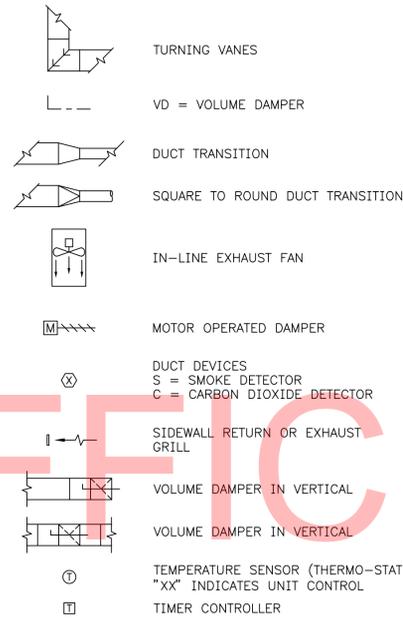
ADDENDUMS / REVISIONS	

CONTRACT	BRIDGE NO.	X
T200507303	DRAWN BY:	JAA
COUNTY	CHECKED BY:	WJS
SUSSEX		

PIPING & DUCTWORK LEGEND:



PIPING & DUCTWORK LEGEND CONT:



PIPING & DUCTWORK ABBREVIATION'S:

AFF	ABOVE FINISHED FLOOR
BFP	BACKFLOW PREVENTER
BOP	BOTTOM OF PIPE
BTWN	BETWEEN
BCO	BUILDING CLEAN OUT
CO	CLEAN OUT
CONT.	CONTINUATION
CS	CURB STOP
(D)	TO BE DEMOLISHED
DCW/CW	DOMESTIC COLD WATER
DEMO	DEMOLISH
DF	DRINKING FOUNTAIN
DHW/HW	DOMESTIC HOT WATER
DN	DOWN
(E)	EXISTING
ET	EXPANSION TANK
(ETR)	EXISTING TO REMAIN
FCO	FLOOR CLEAN OUT
FD	FLOOR DRAIN
HP	HIGH PRESSURE
LAV	LAVATORY
LP	LOW PRESSURE
MS	MOP SINK
(N)	NEW
N.I.C.	NOT IN CONTRACT
PT	PROPANE TANK
(R)	EXISTING TO BE RELOCATED, RELOCATED
SAN	SANITARY
TYP.	TYPICAL
UG	UNDERGROUND
UTR	UP THRU ROOF
UR	URINAL
VTR	VENT THRU ROOF
V	VENT
WC	WATER CLOSET
WHA	WATER HAMMER ARRESTOR
BOD	BOTTOM OF DUCT
CFM	CUBIC FEET / MINUTE
DN	DOWN
EF	EXHAUST FAN
EG	EXHAUST GRILL
MOD	MOTOR OPERATED DAMPER
NC	NOISE CRITERIA
N.I.C.	NOT IN CONTRACT
V/D	VOLUME DAMPER
VIV	VALVE IN VERTICAL

GENERAL NOTES:

- CONTRACTOR TO COORDINATE ALL PLUMBING ITEMS LOCATED OUTSIDE OF THE BUILDING WITH THE CIVIL CONTRACTOR.
- CONTRACTOR TO SLOPE ALL DOMESTIC WATER PIPING IN ORDER TO "WINTERIZE" (DRAIN ALL PIPING) THE BUILDING. CONTRACTOR SHALL INCLUDE AIR VENTS ON ALL HIGH POINT OF PIPING & DRAINS AT LOW POINTS.
- CONTRACTOR SHALL PERFORM WITNESSED TEST WITH OWNER AS PROOF OF "WINTERIZATION".
- UNDER SINK 3/8" WATER SHUT OFF VALVES SHALL BE THE ONLY SHUT OFF VALVES LOCATED IN THE CAMPER'S OCCUPIED AREA.
- CONTRACTOR SHALL EXTEND ALL DOMESTIC WATER, PROPANE GAS, & SANITARY PIPING TO 5' OUTSIDE OF BUILDING. CONTRACTOR TO COORDINATE INSTALLATION OF ANY ACCESSORY (CURB STOP, BUILDING CLEAN OUT, SAND INTERCEPTOR, ETC) WITH CIVIL CONTRACTOR.
- ALL SHOWER'S ARE NOT TO HAVE A SPECIFIC DRAIN INSTALLED. SHOWER FLOOR SHALL BE SLOPED TOWARDS BACK WALL WHERE A CINDER BLOCK SHALL BE REMOVED TO ALLOW WATER TO FLOW INTO A COMMON TROUGH WITH (1) CENTRALIZED DRAIN.
- ALL SANITARY AND DOMESTIC WATER SERVICE SHALL BE A MINIMUM OF 5' FROM ON ANOTHER AT ENTRANCE TO BUILDING.
- PLUMBING CONTRACTOR DOMESTIC WATER LIMIT OF CONSTRUCTION IS TO 5' OUTSIDE OF THE BUILDING. SITE CONTRACTOR SHALL STOP PIPING 5' OUTSIDE OF BUILDING.
- PLUMBING CONTRACTOR SANITARY LIMIT OF CONSTRUCTION IS TO 5' OUTSIDE OF COMMON BUILDING CLEAN OUTS. SITE CONTRACTOR SHALL STOP PIPING 5' OUTSIDE OF COMMON BUILDING CLEAN OUTS.

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EXHAUST FAN SCHEDULE

AREA SERVES	TYPE	MANUFACTURER	MODEL NO.	CFM	STATIC PRESSURE INCH (H ₂ O)	RPM	DRIVE	HP	AMPS	VOLTAGE (V/PH/HZ)	LOCATION	COMMENTS
EF 1	INLINE CENTRIFUGAL	GREENHECK	TCB-1-09	600	½	1500	BELT	¼	-	115/1ø/60	• RV LAUNDRY	1,2,3,4,5,6,7,13
EF 2	INLINE CENTRIFUGAL	GREENHECK	TCB-1-12	1400	½	1707	BELT	½	-	240/1ø/60	• RV SHOWER FACILITY	1,2,3,4,5,6,7,13
EF 3	INLINE CENTRIFUGAL	GREENHECK	TCB-1-09	700	½	1692	BELT	¼	-	115/1ø/60	• OUTDOOR BATHHOUSE	1,2,3,4,5,6,7,13
EF 4	CENTRIFUGAL ROOF DOWNBLAST	GREENHECK	GB-091	600	½	1285	BELT	¼	-	115/1ø/60	• SOUTHEAST BATHHOUSE	3,5,6,7,8,9,10,11,12,13
EF 5	CENTRIFUGAL ROOF DOWNBLAST	GREENHECK	GB-131	1400	½	1250	BELT	¼	-	115/1ø/60	• SOUTHWEST BATHHOUSE	3,5,6,7,8,9,10,11,12,13

DIFFUSER SCHEDULE

EG-1 SIDEWALL EXHAUST GRILLE EQUAL TO PRICE MODEL 630, ALUMINUM CONSTRUCTION WITH 1/4" BORDER ON ALL SIDES AND A MINIMUM BORDER THICKNESS OF 0.040 INCHES. GRILLE SHALL BE FILTERED RETURN WITH FIXED 45° DEFLECTION WITH 3/4" BLADE SPACING, & BLADE ORIENTATION WILL BE PARALLEL TO LONG DIMENSION. BORDER TYPE SURFACE MOUNT. FINISH SHALL BE BAKED ON ACRYLIC PAINT, COLOR AS SELECTED BY ARCHITECT. FACE SIZE SHOWN ON DRAWINGS.

NOTES:

1. PROVIDE INSPECTION DOOR
2. PROVIDE EASY ACCESS CONSTRUCTION
3. PROVIDE DISCONNECT SWITCH
4. PROVIDE HANGING VIBRATION ISOLATION
5. PROVIDE ALUMINUM CONSTRUCTION FOR SEACOAST AREA
6. PROVIDE SEACOAST PROTECTIVE COATING
7. PROVIDE BIRD & INSECT SCREEN
8. PROVIDE ROOF CURB FOR SLANTED ROOF
9. PROVIDE CURB FOR HIGH WIND APPLICATION UP TO 75 MPH
10. PROVIDE SPEED CONTROL
11. PROVIDE DISCONNECT SWITCH
12. PROVIDE MOTORIZED BACKDRAFT DAMPER.
13. PROVIDE HONEYWELL TIMER MODEL ST6008C1004.

LOUVER SCHEDULE

SYMBOL	TYPE	MANUFACTURER	LOCATION	MODEL	SIZE (LxH)	FINISH	NOTES
LV 1	EXHAUST	CHEMPRUF	• LAUNDRY ROOM • OUTDOOR BATHHOUSE	INVERTED V	18"x18"	BY ARCH	FIBERGLASS CONSTRUCTION. PROVIDE BIRD AND INSECT SCREEN
LV 2	INTAKE	CHEMPRUF	• LAUNDRY ROOM • OUTDOOR BATHHOUSE	INVERTED V	24"x18"	BY ARCH	FIBERGLASS CONSTRUCTION. PROVIDE BIRD AND INSECT SCREEN
LV 3	INTAKE	CHEMPRUF	• LAUNDRY ROOM • SOUTHWEST BATHHOUSE • SOUTHEAST BATHHOUSE • OUTDOOR BATHHOUSE	INVERTED V	12"x8"	BY ARCH	FIBERGLASS CONSTRUCTION. PROVIDE BIRD AND INSECT SCREEN
LV 4	EXHAUST & INTAKE	CHEMPRUF	• RV BATHHOUSE	INVERTED V	36"x24"	BY ARCH	FIBERGLASS CONSTRUCTION. PROVIDE BIRD AND INSECT SCREEN
LV 5	INTAKE	CHEMPRUF	• RV BATHHOUSE • SOUTHWEST BATHHOUSE	INVERTED V	30"x18"	BY ARCH	FIBERGLASS CONSTRUCTION. PROVIDE BIRD AND INSECT SCREEN
LV 6	INTAKE	CHEMPRUF	• RV BATHHOUSE	INVERTED V	12"x12"	BY ARCH	FIBERGLASS CONSTRUCTION. PROVIDE BIRD AND INSECT SCREEN
LV 7	INTAKE	CHEMPRUF	• SOUTHEAST BATHHOUSE	INVERTED V	24"x24"	BY ARCH	FIBERGLASS CONSTRUCTION. PROVIDE BIRD AND INSECT SCREEN

NOTES:

ALL LOUVERS INSTALLED IN A DOOR SHALL BE PROVIDED WITH A WINTERIZATION COVER AND NOT A MOD

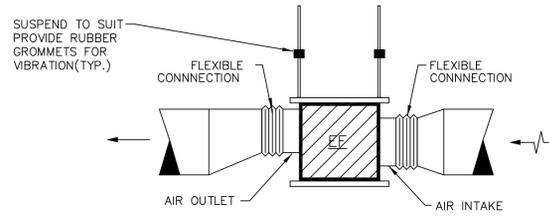
MOD SCHEDULE

TAG	SYMBOL	DAMPER	MANUFACTURER	LOCATION	MODEL	SIZE (WxHxD)	NOTES
MOD 1	DAMPER	PARALLEL BLADE	RUSKIN	• LAUNDRY RM • OUTDOOR BATHHOUSE	CD35	18x18x5	PROVIDE OPTIONAL EXPOSED LINKAGE.
	ACTUATOR	-	BELIMO	• LAUNDRY RM • OUTDOOR BATHHOUSE	TF24 US	-	2 POSITION ACTUATOR, FAIL CLOSED. PROVIDE 24V CONTROL.
MOD 2	DAMPER	PARALLEL BLADE	RUSKIN	• LAUNDRY RM	CD35	24x18x5	PROVIDE OPTIONAL EXPOSED LINKAGE.
	ACTUATOR	-	BELIMO	• LAUNDRY RM	TF24 US	-	2 POSITION ACTUATOR, FAIL CLOSED. PROVIDE 24V CONTROL.
MOD 3	DAMPER	PARALLEL BLADE	RUSKIN	• LAUNDRY RM • OUTDOOR BATHHOUSE	CD35	12x8x5	PROVIDE OPTIONAL EXPOSED LINKAGE.
	ACTUATOR	-	BELIMO	• LAUNDRY RM • OUTDOOR BATHHOUSE	TF24 US	-	2 POSITION ACTUATOR, FAIL CLOSED. PROVIDE 24V CONTROL.
MOD 4	DAMPER	PARALLEL BLADE	RUSKIN	• RV BATHHOUSE	CD35	36x24x5	PROVIDE OPTIONAL EXPOSED LINKAGE.
	ACTUATOR	-	BELIMO	• RV BATHHOUSE	TF24 US	-	2 POSITION ACTUATOR, FAIL CLOSED. PROVIDE 24V CONTROL.
MOD 5	DAMPER	PARALLEL BLADE	RUSKIN	• RV BATHHOUSE • SOUTHWEST BATHHOUSE	CD35	30x18x5	PROVIDE OPTIONAL EXPOSED LINKAGE.
	ACTUATOR	-	BELIMO	• RV BATHHOUSE • SOUTHWEST BATHHOUSE	TF24 US	-	2 POSITION ACTUATOR, FAIL CLOSED. PROVIDE 24V CONTROL.
MOD 6	DAMPER	PARALLEL BLADE	RUSKIN	• SOUTHEAST BATHHOUSE • SOUTHWEST BATHHOUSE	CD35	24x24x5	PROVIDE OPTIONAL EXPOSED LINKAGE.
	ACTUATOR	-	BELIMO	• SOUTHEAST BATHHOUSE • SOUTHWEST BATHHOUSE	TF24 US	-	2 POSITION ACTUATOR, FAIL CLOSED. PROVIDE 24V CONTROL.

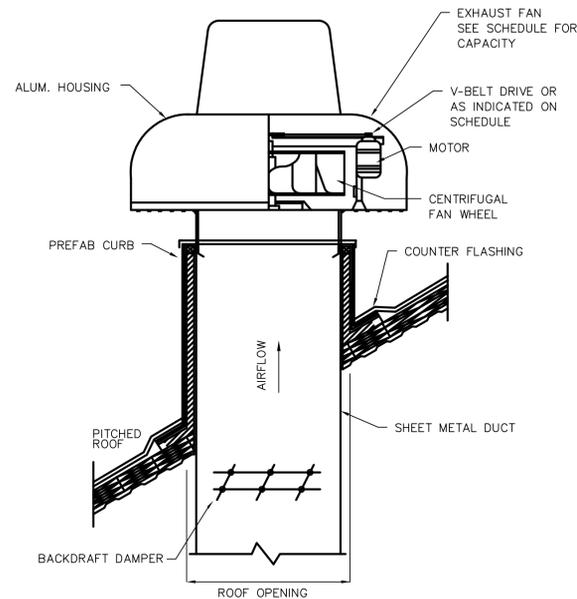
DRAWING NOTES:

SOME EQUIPMENT IS UTILIZED IN MULTIPLE BUILDINGS

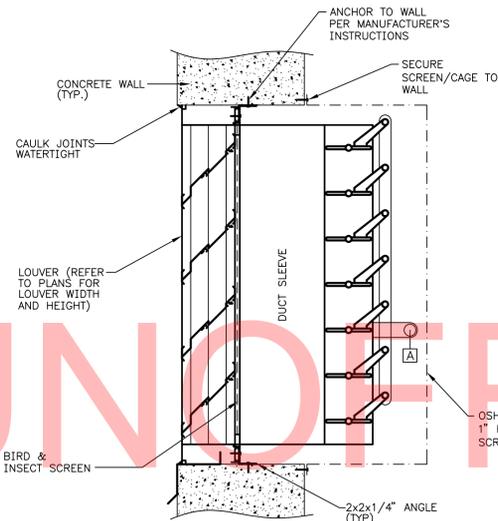
 DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS		SCALE AS NOTED	INDIAN RIVER INLET PARK ENHANCEMENTS	CONTRACT	BRIDGE NO.	X	MECHANICAL SCHEDULES	SHEET NO.
					T200507303	DRAWN BY:	MLF		CD192
					COUNTY	CHECKED BY:	JRF		TOTAL SHTS.
					SUSSEX				CD282



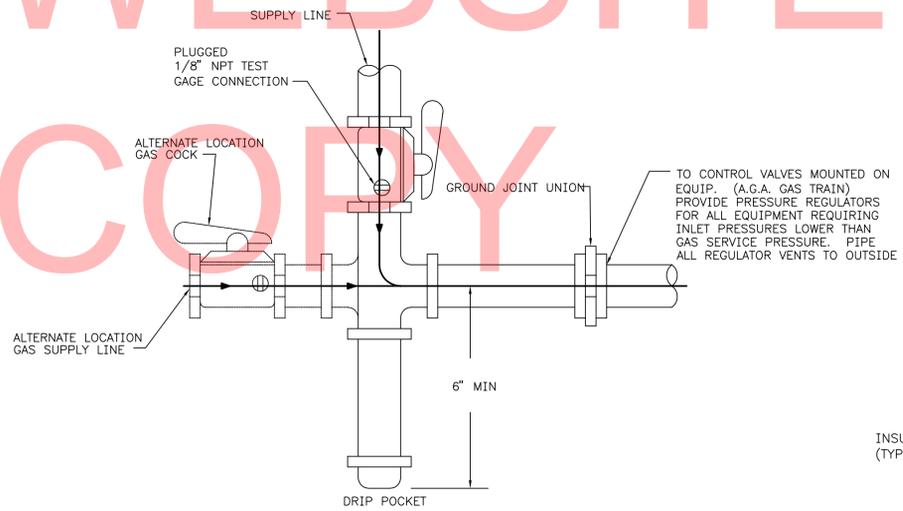
1 IN LINE EXHAUST FAN DETAIL
M0-03 SCALE: N.T.S.



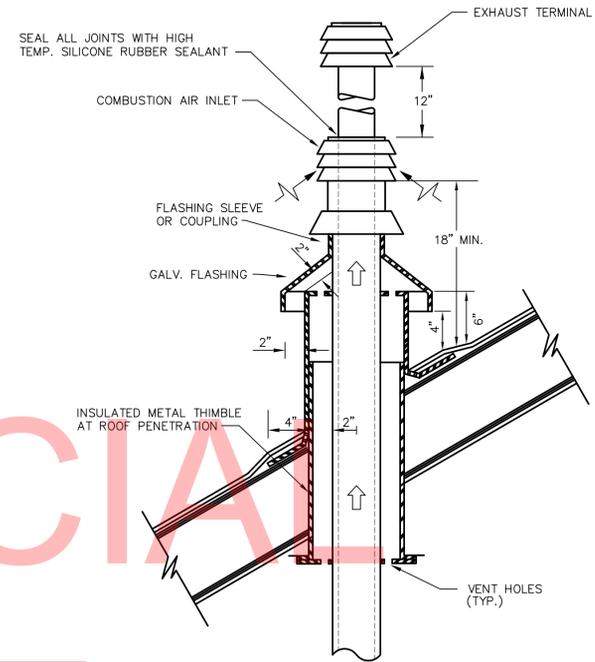
4 ROOFTOP EXHAUST FAN DETAIL
M0-03 SCALE: NONE



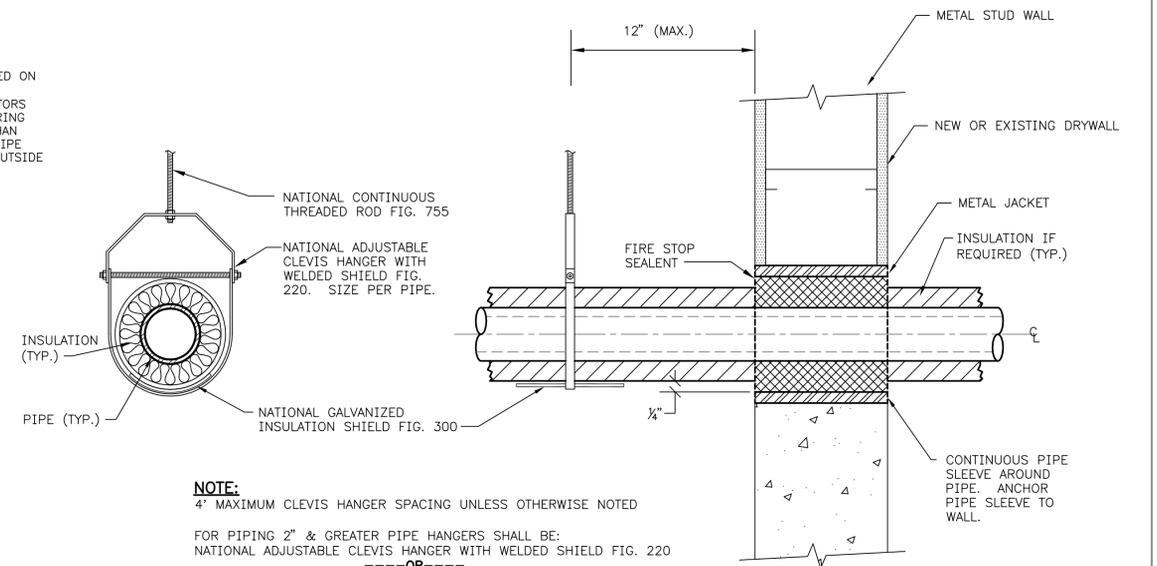
2 LOUVER AND MOD DETAIL
M0-03 SCALE: N.T.S.



5 GAS CONNECTION DETAIL
M0-03 SCALE: NONE



3 HWH CONCENTRIC VENT DETAIL
M0-03 SCALE: NONE



NOTE:
4' MAXIMUM CLEVIS HANGER SPACING UNLESS OTHERWISE NOTED
FOR PIPING 2" & GREATER PIPE HANGERS SHALL BE:
NATIONAL ADJUSTABLE CLEVIS HANGER WITH WELDED SHIELD FIG. 220
-----OR-----
NATIONAL ADJUSTABLE CLEVIS HANGER FIG. 200 WITH PIPE COVERING PROTECTION SHIELD FIG. 300

6 TYPICAL WALL PENETRATION & HANGER DETAIL
M0-03 SCALE: NONE

FIXTURE SCHEDULE

SYMBOL	MANUFACTURER	MODEL NUMBER	FAUCET/VALVE	NOTES	TRIM/SEAT	SUPPORTS
WC 1	KOHLER	K-4330	SLOAN MODEL 8111 (BATTERY POWERED SENSOR FLUSH VALVE)	PROVIDE ADA COMPLIANT	KOHLER K-4670-C	JAY R SMITH MODEL 440 SERIES. PROVIDE HUB OR NO-HUB, SINGLE, & LONG OR SHORT BARREL AS REQUIRED.
LAV 1	KOHLER	K-2005	SLOAN MODEL EBF-85 (SENSOR FAUCET). PROVIDE BDM VARIATION VALVE.	PROVIDE ADA COMPLIANT	PROVIDE TRAP WITH BUILT IN CLEAN OUT	JAY R SMITH MODEL 0720 SERIES. PROVIDE CONCEALED ARM SUPPORTS.
LAV 2	PROVIDE WITH COUNTER TOP	SEE ARCHITECTURAL PACKAGE	SLOAN MODEL EBF-85 (SENSOR FAUCET). PROVIDE BDM VARIATION VALVE.	PROVIDE ADA COMPLIANT	PROVIDE TRAP WITH BUILT IN CLEAN OUT	-
UR 1	WATERLESS CO.	SONORA 2004	-	PROVIDE ADA COMPLIANT	PROVIDE 5001 BRASS URINAL FLANGE	JAY R SMITH MODEL 0616 SERIES. PROVIDE BOTTOM BLOW OUT PLATE.
FD 1	JAY R. SMITH MFG. CO.	2005 SERIES	PROVIDE DEEP SEAL TRAP & SUFFIX-A STRAINER	-	-	-
FD 2	-	-	HB-1/FD-1 HOSE BIB FOR HW & CW	SEE DETAIL 1/P0-02	-	-
FCO 1	JAY R. SMITH MFG. CO.	4031 SERIES	PROVIDE SPEEDI-SET OUTLET WITH TWIST-TO-FLOOR ADJUSTMENT.	-	-	-
BCO 1	SEE DETAIL 5/P0-03	-	-	-	-	SEE DETAIL 5/P0-03
WHA 1	JAY R. SMITH MFG. CO.	5020	-	-	-	-
WHA 2	JAY R. SMITH MFG. CO.	5010	-	-	-	-
WHA 3	JAY R. SMITH MFG. CO.	5005	-	-	-	-
WHA 4	JAY R. SMITH MFG. CO.	5030	-	-	-	-
HB 1	WATTS	HB-1	PROVIDE VACUUM BREAKER	-	-	-
HB 2	JAY R. SMITH MFG. CO.	5609QT	PROVIDE WITH QUARTER TURN ACTIVATION, NON FREEZE, VACUUM BREAKER, KEY & LESS WALL PLATE	-	-	-
WH 1	JAY R. SMITH MFG. CO.	5509QT	PROVIDE WITH QUARTER TURN ACTIVATION, NON FREEZE, & VACUUM BREAKER, & STAINLESS STEEL BOX	-	-	-
SH 1	SPEAKMAN	SM-5010	PROVIDE VANDAL RESISTANT SHOWER HEAD	PROVIDE ADA COMPLIANT	-	-
SH 2	SPEAKMAN	SM-5060	PROVIDE VANDAL RESISTANT SHOWER HEAD	-	-	-
DF 1	HALSEY TAYLOR	HRFEBP FR	PROVIDE FREEZE PROTECTED DRINKING FOUNTAIN	PROVIDE ADA COMPLIANT	-	-
WCO 1	JAY R. SMITH MFG. CO.	4430	PROVIDE FACE OFF WALL COVER	-	-	-

BACKFLOW PREVENTER SCHEDULE

SYMBOL	MANUFACTURER	MODEL NUMBER	NOTES	LOCATION
BFP 1	WATTS	909 SERIES	PROVIDE WITH QUARTER TURN VALVES, STRAINER, AND AIR GAP. FOR SIZES 3/4" - 2".	<ul style="list-style-type: none"> RV LAUNDRY RM OUTDOOR BATHHOUSE SOUTHWEST BATHHOUSE
BFP 2	WATTS	909 SERIES	PROVIDE WITH QUARTER TURN VALVES, STRAINER, AND AIR GAP. FOR SIZES GREATER THAN 2".	<ul style="list-style-type: none"> RV BATHHOUSE SOUTHWEST BATHHOUSE

SAND INTERCEPTOR SCHEDULE

SYMBOL	MANUFACTURER	MODEL NUMBER	NOTES	LOCATION
SI 1	JAY R. SMITH MFG. CO.	8811-20	PROVIDE GALVANIZED GRATING COVER	<ul style="list-style-type: none"> RV LAUNDRY RM OUTDOOR BATHHOUSE
SI 2	JAY R. SMITH MFG. CO.	8811-50	PROVIDE GALVANIZED GRATING COVER	<ul style="list-style-type: none"> RV BATHHOUSE SOUTHWEST BATHHOUSE SOUTHWEST BATHHOUSE

HEATING HOT WATER EXPANSION TANK

TAG	TYPE	MANUFACTURER	MODEL	TANK VOLUME	TANK CAPACITY	WT.(LBS.) SHIP	REMARKS
ET 1	WH EXPANSION TANK	AMTROL	ST-5	2.0	0.9	5.0	<ul style="list-style-type: none"> RV BATHHOUSE SOUTHWEST BATHHOUSE SOUTHWEST BATHHOUSE

HOT WATER HEATER SCHEDULE

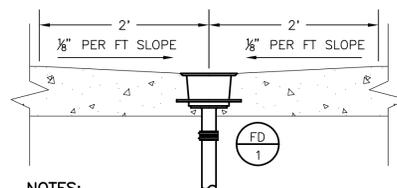
TAG	DESCRIPTION	PROPANE GAS INPUT	KW INPUT	RECOVERY @ 100' RISE	VOLTAGE/PHASE	LOCATION	REMARKS	NOTES
HWH 1	INSTANTANEOUS HOT WATER HEATER BRADFORD WHITE MODEL #ES-4100-2-S-10	-	4.1	-	208V/1φ	RV LAUNDRY RM	SINGLE LAVATORY APPLICATION, HEATS 0.5 GPM WITH A TEMPERATURE RISE OF 56°F.	-
HWH 2	INSTANTANEOUS HOT WATER HEATER BRADFORD WHITE MODEL #EFC-8300-2-S-10	-	8.3	-	208V/1φ	RV LAUNDRY RM	DUAL LAVATORY APPLICATION, HEATS 1.0 GPM WITH A TEMPERATURE RISE OF 57°F.	-
HWH 3	INSTANTANEOUS HOT WATER HEATER BRADFORD WHITE MODEL #TGHE-1991-N	10,300-199,000	-	3.8	120V/1φ	RV BATHHOUSE SOUTHWEST BATHHOUSE SOUTHWEST BATHHOUSE	PROPANE GAS APPLICATION, HEATS 5.8 GPM WITH A TEMPERATURE RISE OF 65°F.	1,2
HWH 4	INSTANTANEOUS HOT WATER HEATER BRADFORD WHITE MODEL #EFT-19000-4-D-10	-	19	-	240V/1φ	OUTDOOR BATHHOUSE	DUAL LAVATORY APPLICATION, HEATS 2.0 GPM WITH A TEMPERATURE RISE OF 62°F.	-

NOTES:

- PROVIDE WITH CONCENTRIC VENT KIT
- PROVIDE WITH CONTROLLER MSB-M, MSBC1

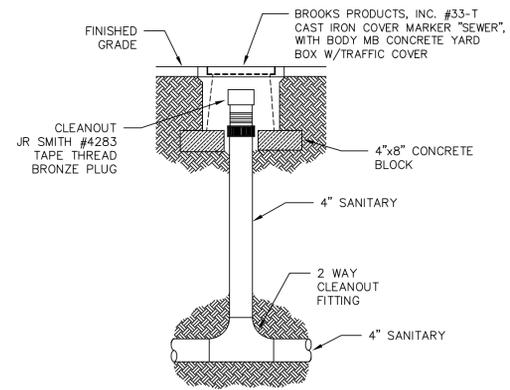
DRAWING NOTES:

SOME EQUIPMENT IS UTILIZED IN MULTIPLE BUILDINGS

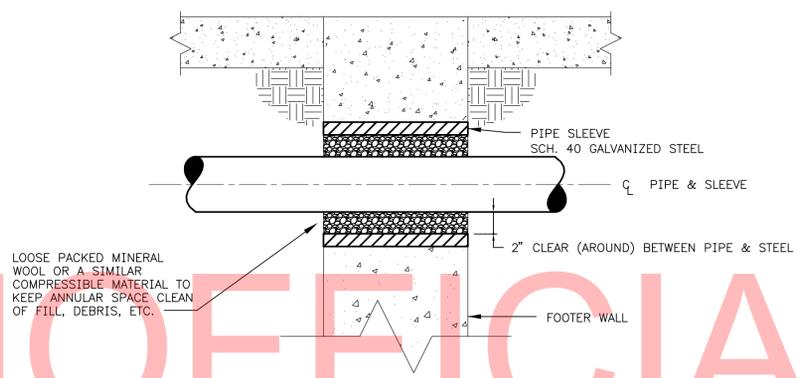


NOTES:
FD-2 IS THE SAME AS FD-1 ONLY INCLUDES HB-1 & HAS DIFFERENT FLOOR SLOPING.

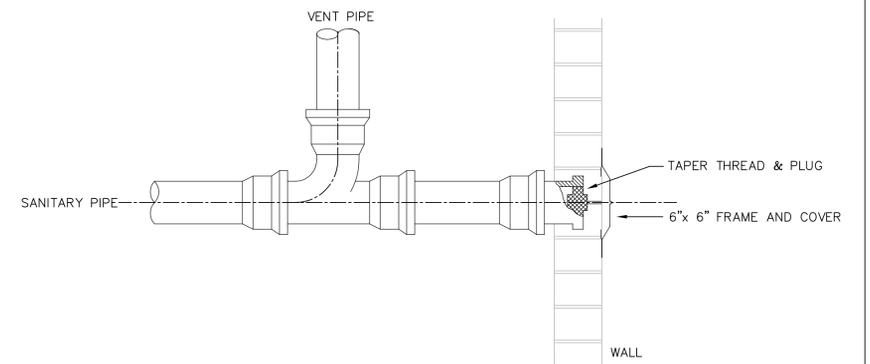
1 FLOOR DRAIN (FD-2) DETAIL
P0-02 SCALE: NONE



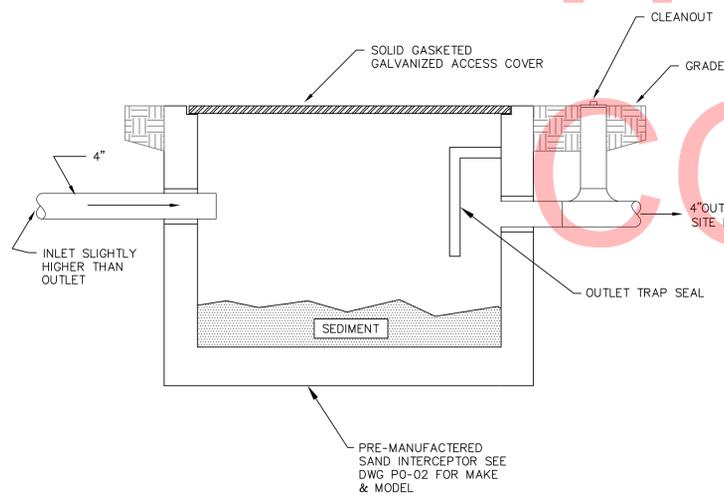
1 BUILDING CLEAN OUT DETAIL
P0-03 SCALE: NONE



2 FOUNDATION SLEEVE DETAIL
P0-03 SCALE: NONE

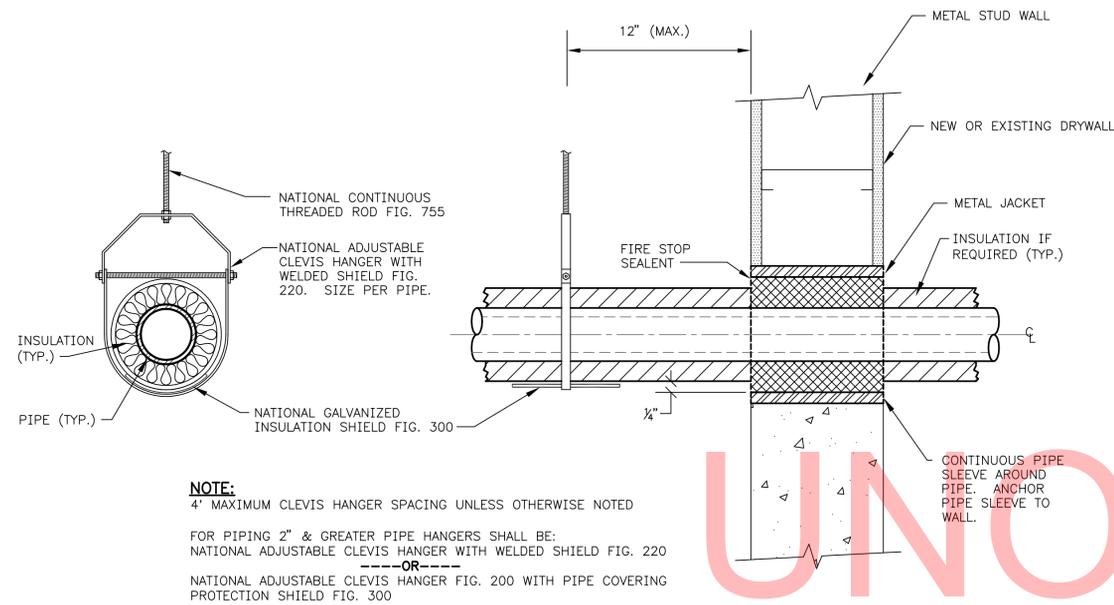


3 WALL CLEAN OUT DETAIL
P0-03 SCALE: NTS

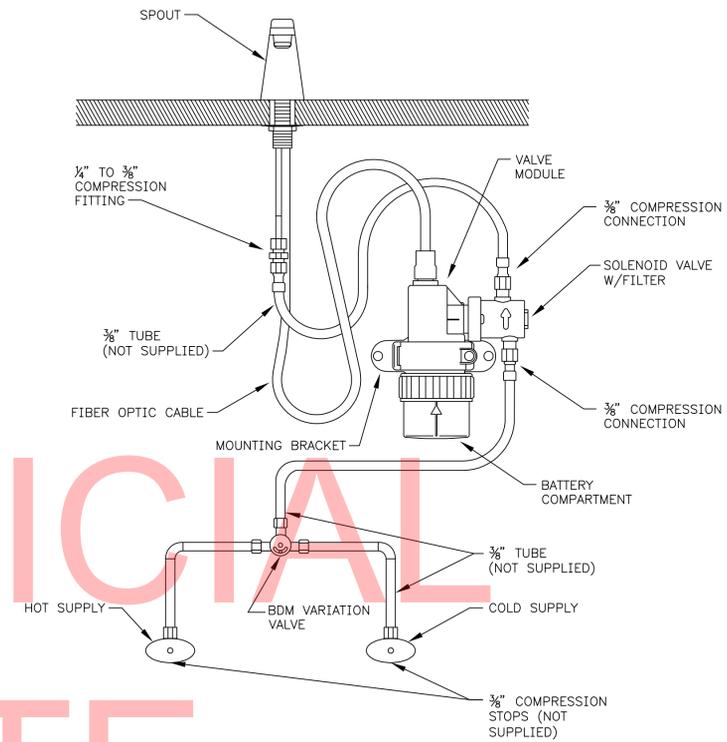


4 SAND INTERCEPTOR PIPING DETAIL
P0-03 SCALE: NTS

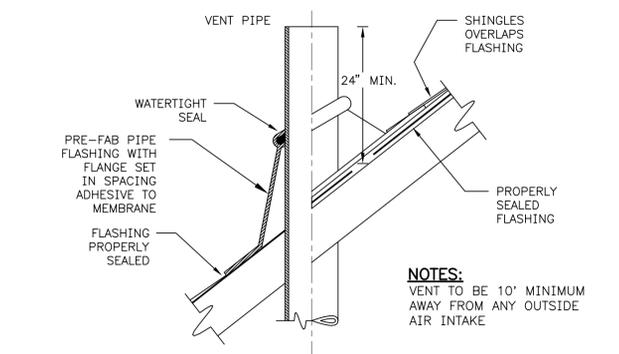
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NOTE:
 4" MAXIMUM CLEVIS HANGER SPACING UNLESS OTHERWISE NOTED
 FOR PIPING 2" & GREATER PIPE HANGERS SHALL BE:
 NATIONAL ADJUSTABLE CLEVIS HANGER WITH WELDED SHIELD FIG. 220
 OR
 NATIONAL ADJUSTABLE CLEVIS HANGER FIG. 200 WITH PIPE COVERING PROTECTION SHIELD FIG. 300

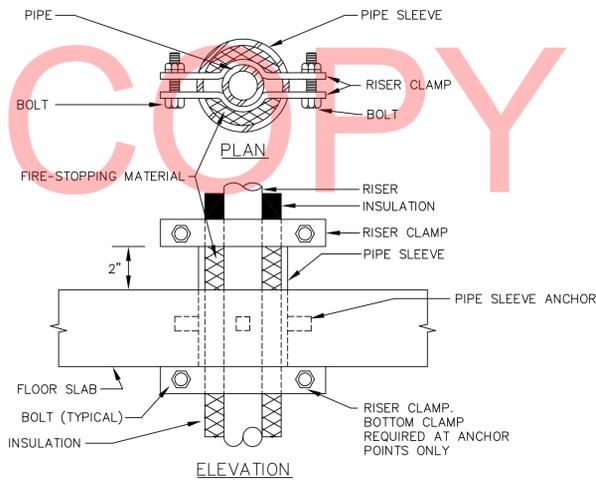


2 SENSOR FAUCET DIAGRAM
 P0-04 SCALE: NONE

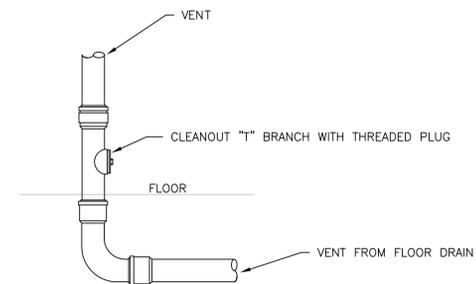


NOTES:
 VENT TO BE 10' MINIMUM AWAY FROM ANY OUTSIDE AIR INTAKE

3 VENT THRU SLANTED ROOF DETAIL
 P0-04 SCALE: NONE

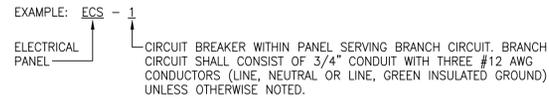


4 SUPPORT/ANCHOR FOR PIPE RISER
 (FLOOR SLAB PENETRATION)
 P0-04 SCALE: NONE

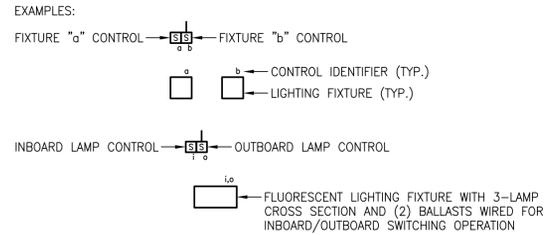


5 JANITOR'S AREA DRY VENT DETAIL
 P0-04 SCALE: NONE

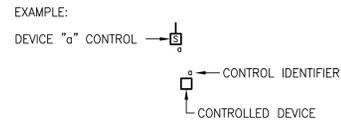
BRANCH CIRCUIT IDENTIFICATION:



LIGHTING CONTROL IDENTIFICATION:



DEVICE CONTROL IDENTIFICATION:



ELECTRICAL DATUM PLANE NOTES:

1. THE ELECTRICAL DATUM PLANE FOR THIS PROJECT SHALL BE DEFINED AS "IN AREAS SUBJECT TO FLOODING...A HORIZONTAL PLANE (2 FT.) ABOVE THE POINT IDENTIFIED AS THE PREVAILING HIGH WATER MARK OR AN EQUIVALENT BENCHMARK BASED ON SEASONAL OR STORM-DRIVEN FLOODING FROM THE AUTHORITY HAVING JURISDICTION" (QUOTED FROM NEC ARTICLE 682).
2. ALL ELECTRICAL EQUIPMENT SHALL BE INSTALLED AT A MINIMUM OF 12" ABOVE THE ELECTRICAL DATUM PLANE.
3. ALL WIRE CONNECTORS (WIRE NUTS, IN-LINE SPLICERS/REDUCERS, ETC.) UTILIZED AT OR BELOW THE ELECTRICAL DATUM PLANE SHALL BE UL LISTED FOR SUBMERSIBLE APPLICATIONS.

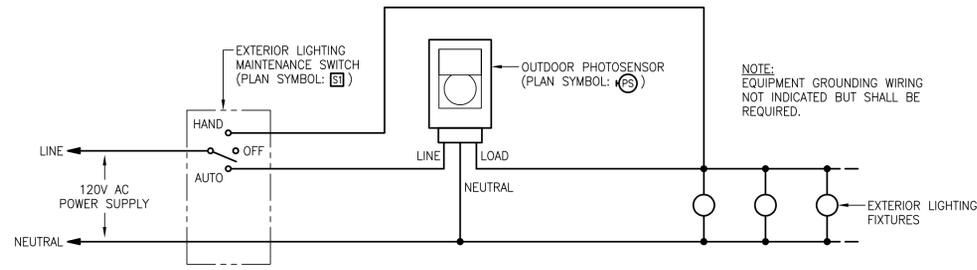
ELECTRICAL ABBREVIATIONS:

NOTE: REFER TO MECHANICAL DRAWINGS FOR MECHANICAL EQUIPMENT ABBREVIATIONS

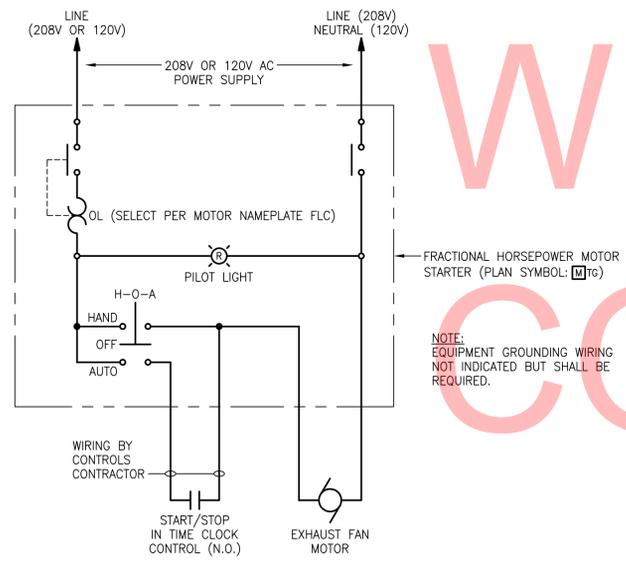
A	AMPERES
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AIC	AMPERE INTERRUPTING CAPACITY
ATS	AUTOMATIC TRANSFER SWITCH
AWG	AMERICAN WIRE GAUGE
BAS	BUILDING AUTOMATION SYSTEM
BLDG	BUILDING
C	CONDUIT
CB	CIRCUIT BREAKER
DWG	DRAWING
EC	ELECTRICAL CONTRACTOR
EGC	EQUIPMENT GROUNDING CONDUCTOR
EQPM	EQUIPMENT
FLR	FLOOR
FSS	FUSED SAFETY SWITCH
G/GND	GROUND
GEC	GROUNDING ELECTRODE CONDUCTOR
GFCI	GROUND FAULT CIRCUIT INTERRUPTING
HACR	HEATING, AIR CONDITIONING, REFRIGERATION RATED
H-O-A	HAND-OFF-AUTO
HP	HORSEPOWER
JB	JUNCTION BOX
K	THOUSAND
KCMIL	THOUSAND CIRCULAR MILS
LV	LOW VOLTAGE
MCB	MAIN CIRCUIT BREAKER
MCC	MOTOR CONTROL CENTER
MCP	MOTOR CIRCUIT PROTECTOR
MCS	MOLDED CASE SWITCH
MH	MOUNTING HEIGHT
MLO	MAIN LUGS ONLY
MTD	MOUNTED
NEC	NATIONAL ELECTRICAL CODE (NFPA 70)
NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
NC	NORMALLY CLOSED
NIC	NOT IN CONTRACT
NO	NORMALLY OPEN
OH	OVERHEAD
OL	OVERLOAD
P	POLE
PV	PHOTOVOLTAIC
∅	PHASE
SCCR	SHORT CIRCUIT CURRENT RATING
SPD	SURGE PROTECTIVE DEVICE
SWBD	SWITCHBOARD
T'STAT	THERMOSTAT
TYP	TYPICAL
UL	UNDERWRITERS LABORATORIES
UON	UNLESS OTHERWISE NOTED
UV	ULTRAVIOLET
V	VOLTS
VFD	VARIABLE FREQUENCY DRIVE
W	WIRE
WP	WEATHERPROOF
XFMR	TRANSFORMER

ELECTRICAL LEGEND:

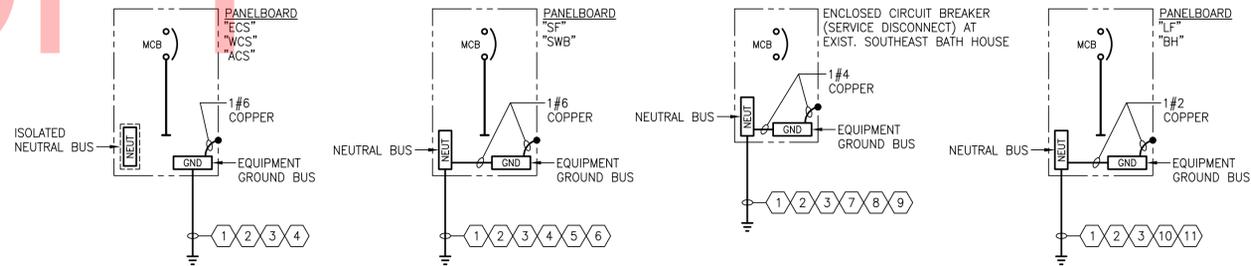
	○ _B	LIGHTING FIXTURE - RECESSED, SURFACE OR PENDANT MOUNTED - LETTER INDICATES FIXTURE TYPE
	○ _D	LIGHTING FIXTURE - WALL MOUNTED - LETTER INDICATES FIXTURE TYPE
	E	EMERGENCY LIGHTING BATTERY UNIT (WITH VANDAL-RESISTANT SHIELD WHERE INDICATED) - LETTER INDICATES FIXTURE TYPE - CONNECT UNSWITCHED LEG OF LIGHTING BRANCH CIRCUIT TO INPUT
	E ₁	EMERGENCY REMOTE DUAL LIGHTING HEAD (WITH WIRE GUARD WHERE INDICATED) - LETTER INDICATES FIXTURE TYPE
	X	ILLUMINATED EXIT SIGN (WITH VANDAL-RESISTANT SHIELD WHERE INDICATED) - WALL MOUNTED, CEILING MOUNTED - FACES AND DIRECTIONAL ARROWS AS INDICATED - LETTER INDICATES FIXTURE TYPE - CONNECT UNSWITCHED LEG OF LIGHTING BRANCH CIRCUIT TO INPUT
	□	DEVICE BOX - FLUSH MOUNTED WITH SINGLE-GANG TILE RING AND STAINLESS STEEL DEVICE COVER PLATE (UNLESS OTHERWISE NOTED), SURFACE MOUNTED WITH GALVANIZED STEEL DEVICE COVER PLATE (UNLESS OTHERWISE NOTED).
	□	DEVICE BOXES IN GANGED CONFIGURATION - FLUSH MOUNTED WITH GANGED TILE RING AND STAINLESS STEEL DEVICE COVER PLATE (UNLESS OTHERWISE NOTED), SURFACE MOUNTED WITH GALVANIZED STEEL DEVICE COVER PLATE (UNLESS OTHERWISE NOTED).
	□ _{6"}	DEVICE BOX MOUNTED 6" ABOVE COUNTERTOP BACKSPASH LEVEL
	□ _{42"}	DEVICE BOX MOUNTED 42" A.F.F. (MOUNTING HEIGHT TO BE AS INDICATED)
	□	NEMA TYPE 5-20R DUPLEX RECEPTACLE OUTLET - PROVIDE EXTRA HEAVY DUTY SPECIFICATION GRADE, STRAIGHT BLADE, 20 AMPERE, 125 VOLT, 2 POLE, 3 WIRE GROUNDING TYPE WITH GRAY COLOR (HUBBELL CAT. NO. HBL5362CY OR APPROVED EQUAL BY BRYANT, COOPER, LEVITON OR PASS & SEYMOUR). MOUNT 18" A.F.F. UNLESS OTHERWISE NOTED.
	□	NEMA TYPE 5-20R SURGE-PROTECTION DUPLEX RECEPTACLE OUTLET - PROVIDE SPECIFICATION GRADE, STRAIGHT BLADE, 20 AMPERE, 125 VOLT, 2 POLE, 3 WIRE GROUNDING TYPE, 240 JOULES/15000A PER MODE WITH BLUE COLOR, INDICATOR LIGHT AND AUDIBLE ALARM (HUBBELL CAT. NO. HBL5362SA OR APPROVED EQUAL BY BRYANT, COOPER, LEVITON OR PASS & SEYMOUR). MOUNT 18" A.F.F. UNLESS OTHERWISE NOTED.
	□	NEMA TYPE 14-30R RECEPTACLE OUTLET - PROVIDE STRAIGHT BLADE, 30 AMPERE, 125/250 VOLT, 3 POLE, 4 WIRE GROUNDING TYPE (HUBBELL CAT. NO. HBL9430A OR APPROVED EQUAL BY BRYANT, COOPER, LEVITON OR PASS & SEYMOUR). MOUNTING HEIGHT AS INDICATED.
	□	NEMA TYPE 5-20R GFCI DUPLEX RECEPTACLE OUTLET - PROVIDE EXTRA HEAVY DUTY SPECIFICATION GRADE, WEATHER-RESISTANT, STRAIGHT BLADE, 20 AMPERE, 125 VOLT, 2 POLE, 3 WIRE GROUNDING TYPE WITH GRAY COLOR (HUBBELL CAT. NO. GFR5362SGGY OR APPROVED EQUAL BY BRYANT, COOPER, LEVITON OR PASS & SEYMOUR). MOUNT 18" A.F.F. UNLESS OTHERWISE NOTED.
	□ _{MP}	GFCI RECEPTACLE OUTLET AS ABOVE WITH HORIZONTAL WEATHERPROOF WHILE-IN-USE DEVICE COVER. DEVICE COVER SHALL BE HEAVY DUTY GRAY DIE-CAST ALUMINUM OR ZINC (HUBBELL CAT. NO. WP826H OR APPROVED EQUAL BY PASS & SEYMOUR). MOUNT 24" A.F.F. UNLESS OTHERWISE NOTED.
	□	SINGLE-POLE OR 3-WAY TOGGLE SWITCH AS INDICATED - PROVIDE EXTRA HEAVY DUTY SPECIFICATION GRADE, 20 AMPERE, 1 HORSEPOWER, 120-277 VOLT WITH GROUND SCREW AND GRAY TOGGLE COLOR (HUBBELL CAT. NO. HBL122(1/3)GY OR APPROVED EQUAL BY BRYANT, COOPER, LEVITON OR PASS & SEYMOUR). MOUNT 48" A.F.F. UNLESS OTHERWISE NOTED.
	□	SINGLE-POLE, DOUBLE THROW MAINTAINED CONTACT 3-POSITION (2-CIRCUIT, CENTER OFF) TOGGLE SWITCH - PROVIDE HEAVY DUTY SPECIFICATION GRADE, 20 AMPERE, 120-277 VOLT WITH GROUND SCREW (HUBBELL CAT. NO. HBL385 OR APPROVED EQUAL BY BRYANT, COOPER, LEVITON OR PASS & SEYMOUR). MOUNT 48" A.F.F. UNLESS OTHERWISE NOTED.
	□ _{WS}	CEILING-MOUNTED OCCUPANCY SENSOR WITH WIRE GUARD - PROVIDE DUAL-TECHNOLOGY (ULTRASONIC/PIR) OPERATION (HUBBELL BUILDING AUTOMATION SYSTEMS CAT. NO. OMNIDT2000 OR APPROVED EQUAL BY WATTSTOPPER, SENSOR SWITCH OR LEVITON).
	□ _{WS}	WALL-MOUNTED OCCUPANCY SENSOR WITH WIRE GUARD - PROVIDE DUAL-TECHNOLOGY (ULTRASONIC/PIR) OPERATION (HUBBELL BUILDING AUTOMATION SYSTEMS CAT. NO. LODT OR APPROVED EQUAL BY WATTSTOPPER, SENSOR SWITCH OR LEVITON).
	□	OCCUPANCY SENSOR POWER RELAY PACK - PROVIDE UNIVERSAL VOLTAGE (120/277V), 20 AMPERE, 1 HORSEPOWER WITH ZERO-CROSSING CIRCUITRY (HUBBELL BUILDING AUTOMATION SYSTEMS CAT. NO. UVPP OR APPROVED EQUAL BY WATTSTOPPER, SENSOR SWITCH OR LEVITON).
	□	FRACTIONAL HORSEPOWER MOTOR STARTER WITH 2-POLE TOGGLE DISCONNECT SWITCH, LOCKABLE TOGGLE GUARD KIT, THERMAL OVERLOAD RELAY, H-O-A SWITCH AND RED PILOT LIGHT IN 2-GANG SURFACE MOUNTED NEMA 1 ENCLOSURE. TOGGLE AND H-O-A SWITCHES SHALL BE RATED 1 HORSEPOWER (16 AMPERES CONTINUOUS CURRENT) @ 115-230/277 VOLTS (STARTER SHALL BE SQUARE D CLASS 2510 TYPE F OR APPROVED EQUAL; TOGGLE GUARD SHALL BE SQUARE D CAT. NO. 2510FL1 OR APPROVED EQUAL). PROVIDE OVERLOAD RELAY PER MOTOR NAMEPLATE FULL LOAD CURRENT. MOUNT 48" A.F.F. UNLESS OTHERWISE NOTED.
	□	MANUAL MOTOR SWITCH (WITHOUT THERMAL OVERLOAD RELAY) AS INDICATED - MOUNT ADJACENT TO EQUIPMENT SERVED (EXACT MOUNTING LOCATION TO BE FIELD-COORDINATED)
	□	FLUSH-MOUNTED TELECOMMUNICATION OUTLET (VOICE & DATA) - PROVIDE FLUSH-MOUNTED DUAL-GANG OUTLET BOX WITH SINGLE-GANG PLASTER RING. MOUNT 18" A.F.F. UNLESS OTHERWISE NOTED. TELECOMMUNICATION WIRING, JACKS AND DEVICE PLATE TO BE PROVIDED BY OTHERS.
	□	OUTDOOR PHOTOSENSOR - PROVIDE 120V, 2000W TUNGSTEN/1800VA BALLAST RATED PHOTOCONTROL IN GASKETED HEAVY DUTY DIE CAST ZINC ENCLOSURE WITH SLIDING LIGHT LEVEL ADJUSTMENT (TORK CAT. NO. 2101 OR APPROVED EQUAL BY PARAGON OR INTERMATIC). MOUNT AS INDICATED.
	□	JUNCTION BOX
	□	TRANSFORMER AS INDICATED - EXACT MOUNTING LOCATION TO BE FIELD-COORDINATED
	□	SAFETY SWITCH AS INDICATED - EXACT MOUNTING LOCATION TO BE FIELD-COORDINATED
	□	ENCLOSED CIRCUIT BREAKER AS INDICATED - EXACT MOUNTING LOCATION TO BE FIELD-COORDINATED
	○	MOTOR OUTLET
	□	TIME CLOCK
	—	DIRECT CONNECTION TO EQUIPMENT
	⊥	GROUND CONNECTION
	—	CIRCUIT EXPOSED OR CONCEALED IN CEILING OR WALL CONSTRUCTION - 3/4" CONDUIT WITH THREE #12 AWG CONDUCTORS (LINE, NEUTRAL OR LINE, GREEN INSULATED GROUND) UNLESS OTHERWISE NOTED
	---	CIRCUIT AS ABOVE CONCEALED UNDER FLOOR CONSTRUCTION OR UNDERGROUND
	→	HOMERUN TO PANELBOARD - NUMBER OF ARROWS INDICATES NUMBER OF CIRCUITS
	-----	LOW-VOLTAGE WIRING - PROVIDE RACEWAY AS REQUIRED FOR INSTALLATION
	○	CONDUIT TURNS UP, CONDUIT TURNS DOWN
	■	PANELBOARD - SURFACE MOUNTED, FLUSH MOUNTED - MOUNT TOP OF PANEL 6'-0" A.F.F. UNLESS OTHERWISE NOTED



1 EXTERIOR LIGHTING CONTROL WIRING DIAGRAM
E0-02 SCALE: NONE



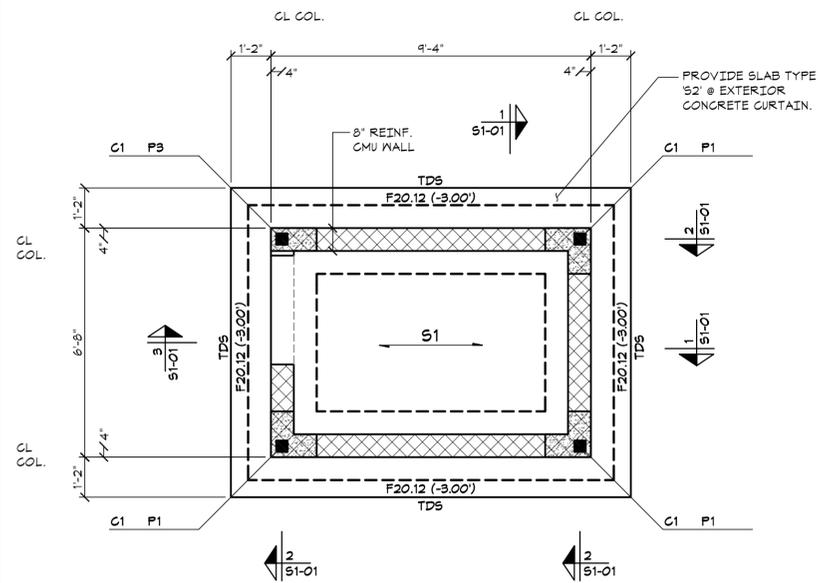
2 EXHAUST FAN WIRING DIAGRAM
E0-02 SCALE: NONE



3 GROUNDING & BONDING DETAILS
E0-02 SCALE: NONE

- DETAIL NOTES:**
- 1) 1#6 COPPER TO MINIMUM OF (2) 3/4" x 10'-0" COPPER-BONDED GROUND RODS SPACED MIN. 10'-0" APART. TOP OF RODS SHALL BE BURIED MIN. 12" BELOW FINISHED GRADE.
 - 2) 1#4 COPPER TO BUILDING FOOTING REINFORCING STEEL.
 - 3) 1#4 COPPER TO CONCRETE SLAB REINFORCING STEEL.
 - 4) 1#6 COPPER TO BUILDING STRUCTURAL METAL (INCLUDING METAL ROOF).
 - 5) 1#6 COPPER TO WATER SERVICE METAL PIPING.
 - 6) 1#6 COPPER TO ABOVE-GROUND PROPANE GAS SERVICE METAL PIPING.
 - 7) 1#4 COPPER TO BUILDING STRUCTURAL METAL (INCLUDING METAL ROOF).
 - 8) 1#4 COPPER TO WATER SERVICE METAL PIPING.
 - 9) 1#4 COPPER TO ABOVE-GROUND PROPANE GAS SERVICE METAL PIPING.
 - 10) 1#2 COPPER TO BUILDING STRUCTURAL METAL (INCLUDING METAL ROOF).
 - 11) 1#2 COPPER TO WATER SERVICE METAL PIPING.

FIXTURE TYPE	MANUFACTURER MODEL NO.	LAMPS		BALLASTS		INPUT VOLTS	INPUT WATTS	INPUT VA	DESCRIPTION
		QTY.	TYPE	QTY.	TYPE				
A	KENALL R12-48-3-32-IS-2-DV (OR APPROVED EQUAL BY MORLITE OR LITHONIA)	3	32 WATT T8 LINEAR FLUORESCENT 3500K	2	ELECTRONIC LINEAR FLUORESCENT INSTANT START <10% THD .88 BALLAST FACTOR	120	90	90	4' SURFACE-MOUNTED ROUGH-SERVICE FLUORESCENT WRAPAROUND LUMINAIRE WITH 3-LAMP CROSS SECTION, NOMINAL 12" WIDE, 20 GAUGE STEEL HOUSING WITH WHITE TGIC POLYESTER POWDER COAT (5-STAGE PRETREATMENT SUBJECTED TO 1,000-HR. SALT SPRAY TEST), CLEAR PRISMATIC ACRYLIC LENS, SEAM WELDED END CAPS AND DAMP LOCATION LISTING.
B	COLUMBIA LUN4-332-EU-SSL (OR APPROVED EQUAL BY DAY-BRITE OR LITHONIA)	3	32 WATT T8 LINEAR FLUORESCENT 3500K	1	ELECTRONIC LINEAR FLUORESCENT INSTANT START <10% THD .88 BALLAST FACTOR	120	85	85	4' SURFACE-MOUNTED OR CHAIN-SUSPENDED ENCLOSED & GASKETED INDUSTRIAL FLUORESCENT LUMINAIRE WITH 3-LAMP CROSS SECTION, FIBERGLASS HOUSING, ACRYLIC DIFFUSER, STAINLESS STEEL LATCHES AND WET LOCATION LISTING. PROVIDE STAINLESS STEEL CHAIN AND ALL MOUNTING HARDWARE AS REQUIRED FOR CHAIN-SUSPENDING.
C	KENALL SH5-48-W-1-32-IS-1-DV (OR APPROVED EQUAL BY MORLITE OR LITHONIA)	1	32 WATT T8 LINEAR FLUORESCENT 3500K	1	ELECTRONIC LINEAR FLUORESCENT INSTANT START <10% THD .88 BALLAST FACTOR	120	31	31	4' SURFACE-MOUNTED VANDAL-RESISTANT FLUORESCENT WRAPAROUND LUMINAIRE WITH 1-LAMP CROSS SECTION, NOMINAL 5" WIDE, 16 GAUGE STEEL HOUSING WITH WHITE TGIC POLYESTER POWDER COAT (5-STAGE PRETREATMENT SUBJECTED TO 1,000-HR. SALT SPRAY TEST), .156" THICK PATTERN #12 POLYCARBONATE LENS, SEAM WELDED END CAPS, TAMPER-RESISTANT SCREWS AND WET LOCATION LISTING. MOUNT ON WALL ABOVE BATHROOM MIRRORS (COORDINATE EXACT LOCATION WITH ARCHITECT).
D	PRESCOLITE CF1632HEB-STF602HPLTRG (OR APPROVED EQUAL BY CAPRI, OMEGA OR LITHONIA)	1	32 WATT PL-T COMPACT FLUORESCENT 3500K	1	ELECTRONIC COMPACT FLUORESCENT 26/32/42 WATT <10% THD .98 BALLAST FACTOR	120	36	37	6" RECESSED DOWNLIGHT LISTED FOR USE IN WET LOCATIONS WITH CLEAR SPECULAR SELF-TRIM REFLECTOR, REGRESSED PRISMATIC ACRYLIC LENS AND TRIM RING GASKET. PROVIDE BAR HANGERS AND ALL MOUNTING ACCESSORIES & HARDWARE AS REQUIRED.
E	DUAL-LITE L225NDI-03L(-VRS-4X) (OR APPROVED EQUAL BY MCPHILBEN OR LITHONIA)	2	3 WATT, 6 VOLT MR16 LED	-	-	120	11.1	13.9	EMERGENCY LIGHTING UNIT WITH (2) INTEGRAL HIGH-OUTPUT LED LAMPS, WHITE THERMOPLASTIC HOUSING, MAINTENANCE-FREE NICKEL-CADMIUM BATTERY WITH REMOTE CAPACITY (20 TOTAL WATTS FOR 90 MINUTES), 6-VOLT OUTPUT, TEST SWITCH, AND SELF-TESTING DIAGNOSTICS. PROVIDE VANDAL-RESISTANT SHIELD (DUAL-LITE CAT. NO. VRS-4X) WHERE INDICATED ON PLANS. MOUNT ON WALL 7'-6" A.F.F.
E1	DUAL-LITE CPR-D-W-0603L(-WGEL) (OR APPROVED EQUAL BY MCPHILBEN OR LITHONIA)	2	3 WATT, 6 VOLT MR16 LED	-	-	6	6	6	EMERGENCY LIGHTING DECORATIVE REMOTE DUAL-HEAD ASSEMBLY WITH WHITE THERMOPLASTIC LAMP HEADS & MOUNTING PLATE. PROVIDE WIREGUARD (WGEL) WHERE INDICATED ON PLANS. MOUNT ON WALL 7'-6" A.F.F.
E2	DUAL-LITE OCR-D-B-0603L(-WGEL) (OR APPROVED EQUAL BY MCPHILBEN OR LITHONIA)	2	3 WATT, 6 VOLT MR16 LED	-	-	6	6	6	EMERGENCY LIGHTING DECORATIVE OUTDOOR REMOTE DUAL-HEAD ASSEMBLY WITH DIE-CAST ALUMINUM LAMP HEADS & MOUNTING PLATE, BLACK FINISH AND WET LOCATION LISTING. PROVIDE WIREGUARD (WGEL) WHERE INDICATED ON PLANS. MOUNT ON EXTERIOR WALL 7'-6" A.F.F. UNLESS OTHERWISE NOTED.
X	DUAL-LITE LXURWEI(-VRS3) (OR APPROVED EQUAL BY LITHONIA OR DAY-BRITE)	-	LED	-	-	120	3.8	4.8	UNIVERSALLY-MOUNTED LED EXIT SIGN WITH WHITE THERMOPLASTIC HOUSING, RED STENCILLED LETTERS, UNIVERSAL SNAP-IN CHEVRON ARROWS, MAINTENANCE-FREE NICKEL-CADMIUM BATTERY, TEST SWITCH, SELF-TESTING DIAGNOSTICS AND DAMP LOCATION LISTING. PROVIDE VANDAL-RESISTANT SHIELD (DUAL-LITE CAT. NO. VRS3) WHERE INDICATED ON PLANS. MOUNT BOTTOM OF SIGN 7'-6" A.F.F.

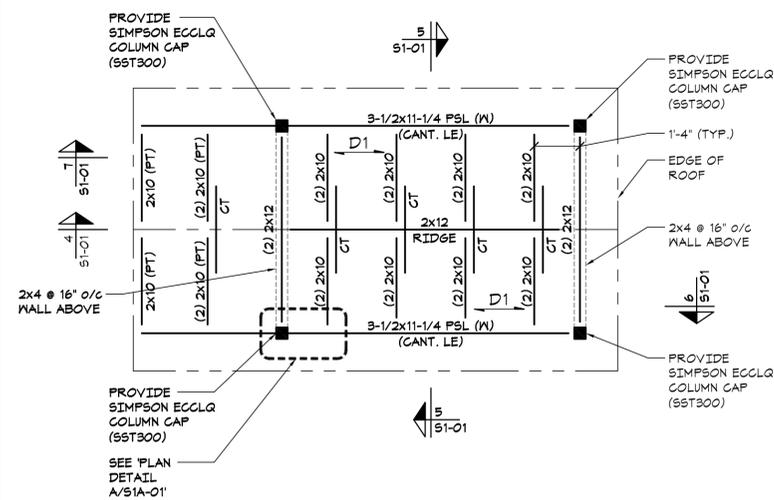


BLDG #1: FOUNDATION PLAN

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

- NOTES:
1. TOP OF SLAB EL. = DATUM EL. (0.00) UNLESS NOTED OTHERWISE THUS (...).
 2. TDS INDICATES TURNED DOWN SLAB. SEE TYPICAL DETAIL ON DRAWING SO-04.
 3. COORDINATE ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS PRIOR TO BUILDING LAYOUT.
 4. $\overline{\text{sl}}$ INDICATES 4" CONCRETE SLAB ON GRADE w/ 6x6-W1.4x1.4 WNF OVER 4" CRUSHED STONE.
 5. $\overline{\text{sl}}$ INDICATES 4" CONCRETE SLAB ON GRADE w/ 6x6-W1.4x1.4 WNF (w/ 6% AIR ENTRAINMENT) OVER 4" CRUSHED STONE.
 6. T.O. PIER EL. = 1'-4" ABOVE DATUM U.N.O.

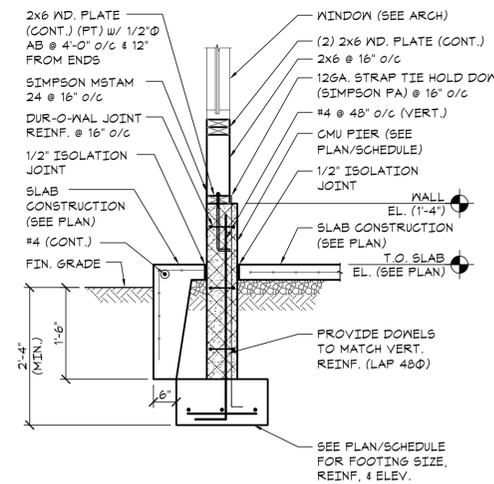
NOTE: ALL SIMPSON CONNECTORS TO BE S5T300, STAINLESS STEEL FINISH



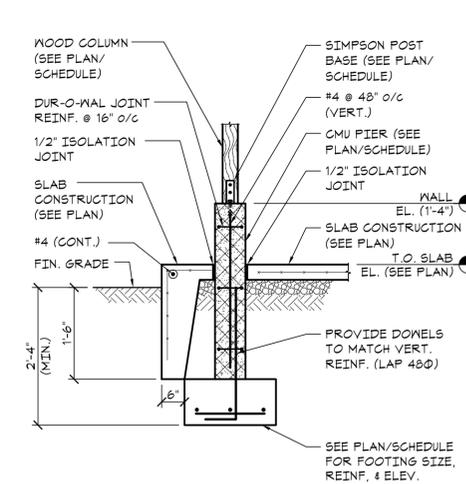
BLDG #1: ROOF FRAMING PLAN

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

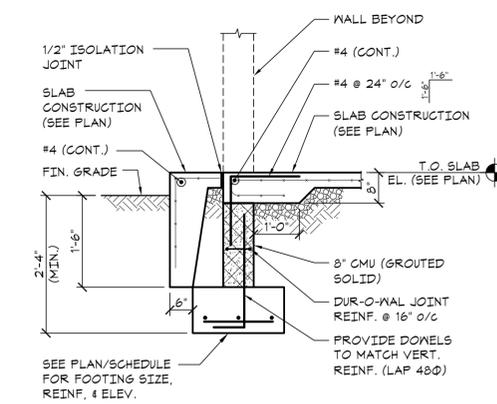
- NOTES:
1. RAFTER BEARING EL. = (8'-4") ABOVE DATUM EL.
 2. $\overline{\text{sl}}$ INDICATES STRUCTURAL INSULATED PANEL SYSTEM w/ MIN. 7/16" PLYWOOD OSB ROOF SHEATHING.
 3. ALL SIMPSON HURRICANE TIES TO BE S5T300 STAINLESS STEEL FINISH.
 4. 'CT' INDICATES 2x6 COLLAR TIES @ EA. RAFTER. CONNECT w/ (3) 1/4"x2-1/2" L6. SPS WOOD SCREWS (SEE 'COLLAR TIE ELEVATION' ON DWG. SO-05).



Section 1
S1-01

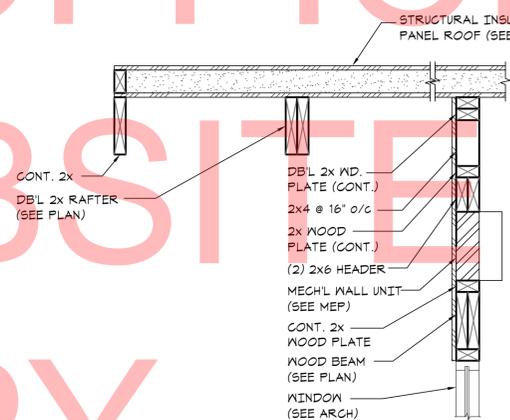


Section 2
S1-01

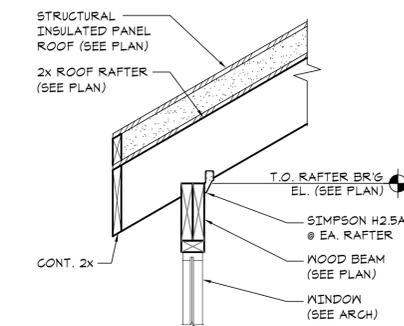


Section 3
S1-01

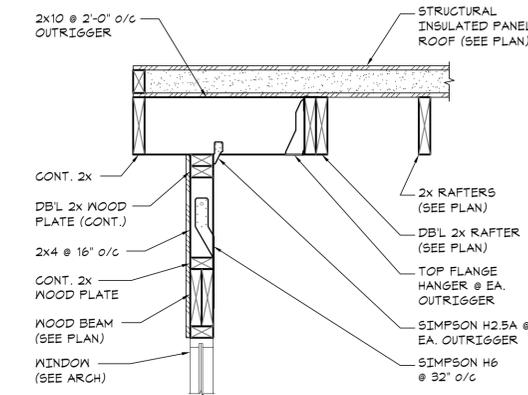
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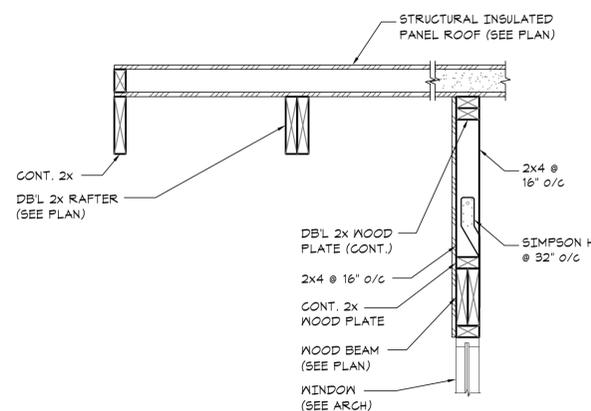
Section 4
S1-01



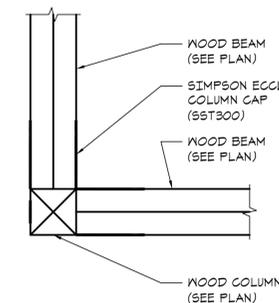
Section 5
S1-01



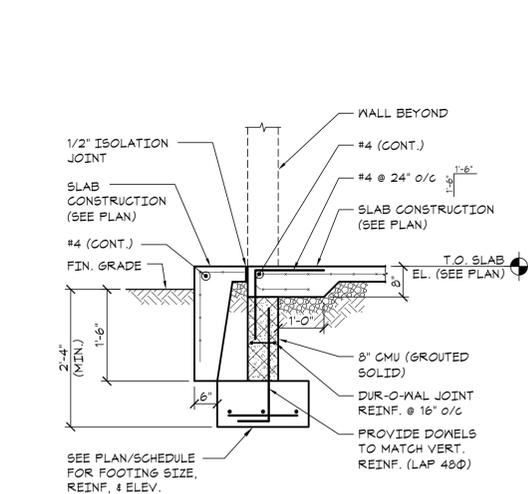
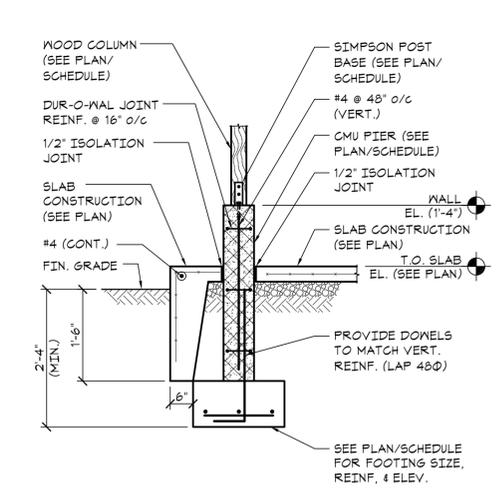
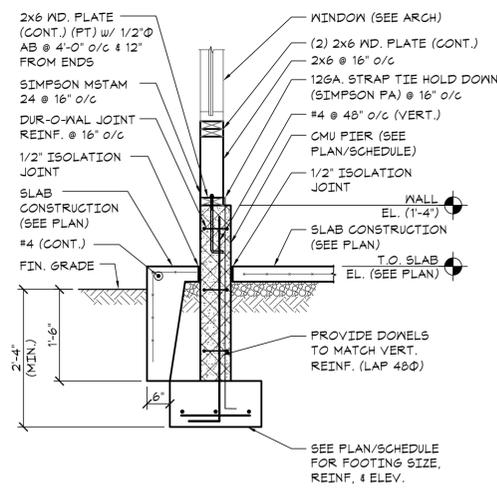
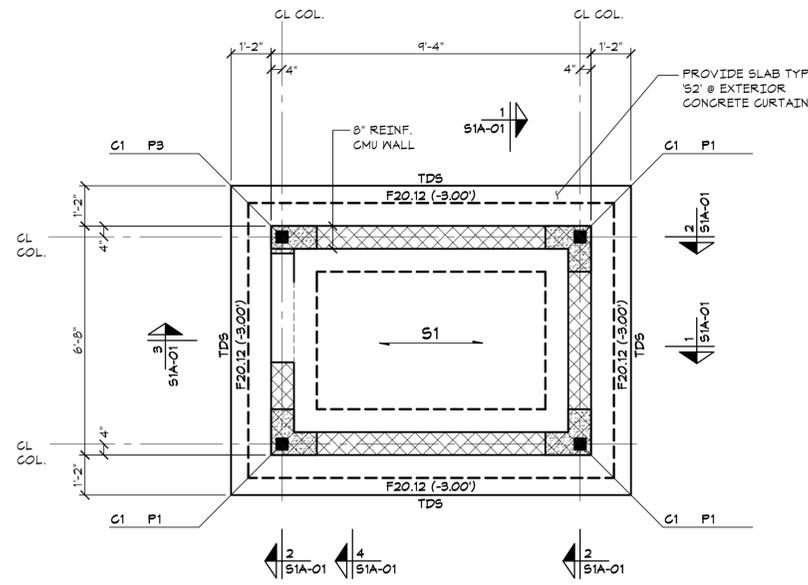
Section 6
S1-01



Section 7
S1-01



Section A
S1-01

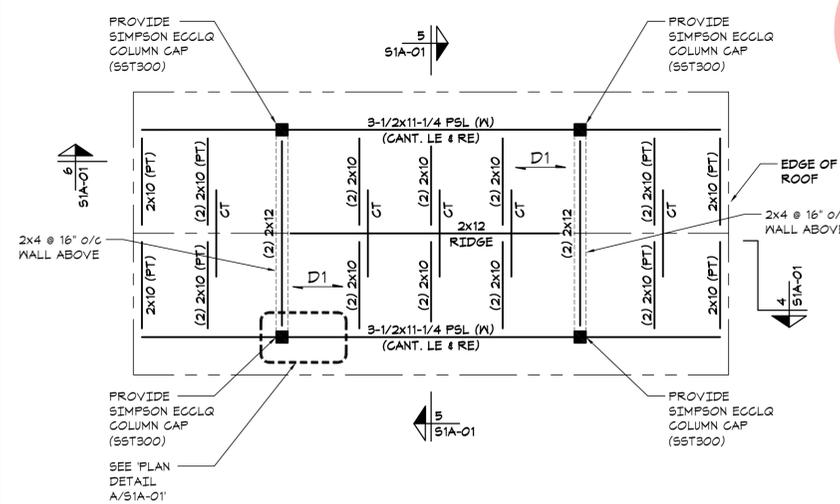


BLDG #1A: FOUNDATION PLAN SCALE: 3/8" = 1'-0"

NOTES:

- TOP OF SLAB EL. = DATUM EL. (0.00) UNLESS NOTED OTHERWISE THUS (...).
- TDS INDICATES TURNED DOWN SLAB. SEE TYPICAL DETAIL ON DRAWING SO-04.
- COORDINATE ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS PRIOR TO BUILDING LAYOUT.
- 8" INDICATES 4" CONCRETE SLAB ON GRADE w/ 6x6-W1.4x1.4 WAF OVER 4" CRUSHED STONE.
- 8" INDICATES 4" CONCRETE SLAB ON GRADE w/ 6x6-W1.4x1.4 WAF (w/ 6% AIR ENTRAINMENT) OVER 4" CRUSHED STONE.
- T.O. PIER EL. = 1'-4" ABOVE DATUM U.N.O.

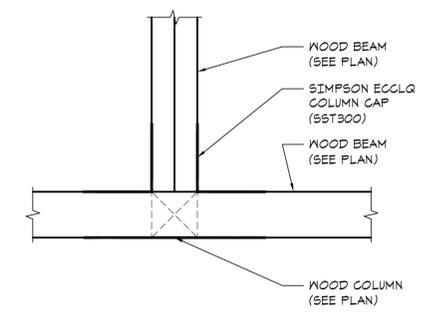
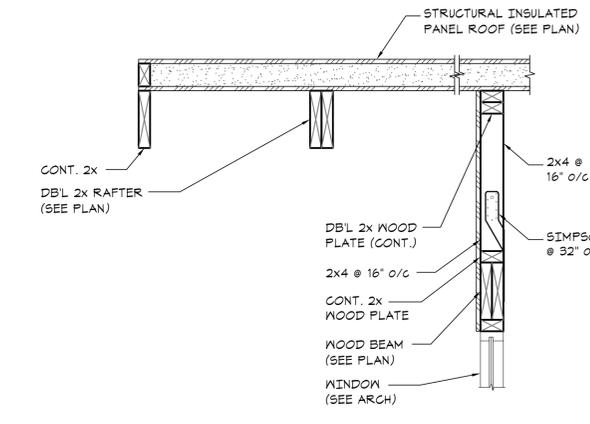
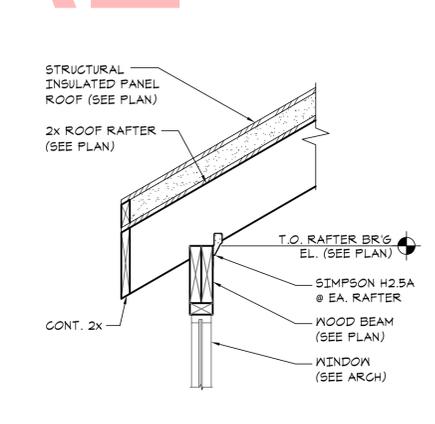
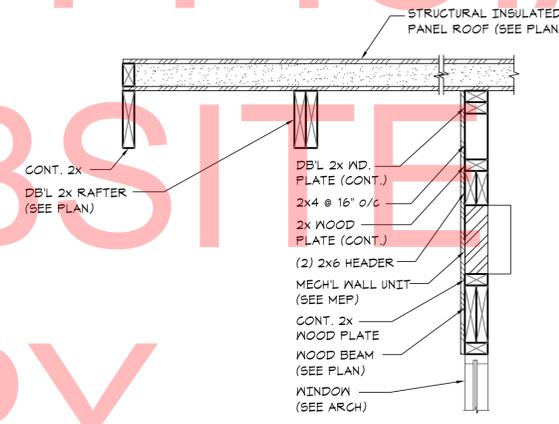
NOTE: ALL SIMPSON CONNECTORS TO BE S5T300, STAINLESS STEEL FINISH



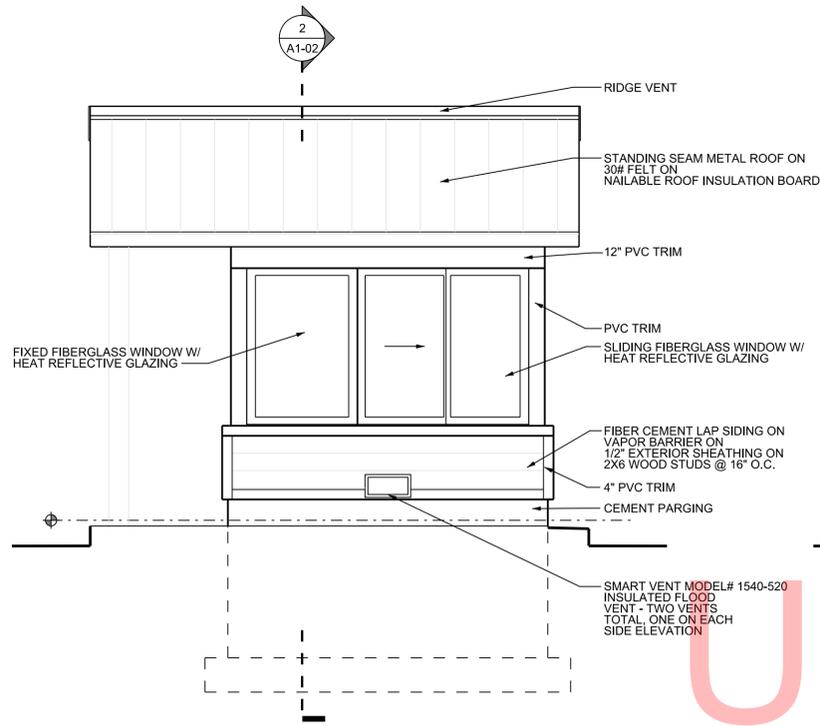
BLDG #1A: ROOF FRAMING PLAN SCALE: 3/8" = 1'-0"

NOTES:

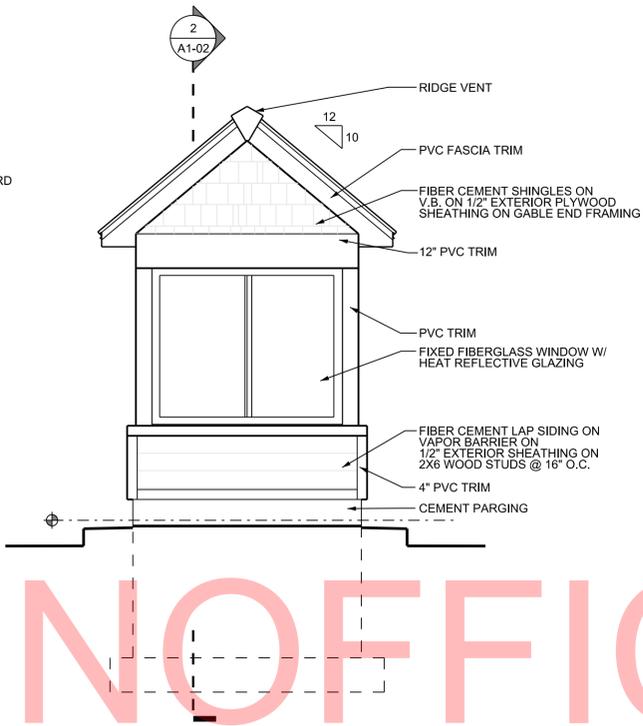
- RAFTER BEARING EL. = (8'-4") ABOVE DATUM EL.
- INDICATES STRUCTURAL INSULATED PANEL SYSTEM w/ MIN. 1/16" PLYWOOD/OSB ROOF SHEATHING.
- ALL SIMPSON HURRICANE TIES TO BE S5T300 STAINLESS STEEL FINISH.
- INDICATES 2x6 COLLAR TIES @ EA. RAFTER. CONNECT w/ (3) 1/4"x2-1/2" L6, SPS WOOD SCREWS (SEE 'COLLAR TIE ELEVATION' ON DWG. SO-05).
- (W) INDICATES WOLMANIZED TREATED MEMBER.



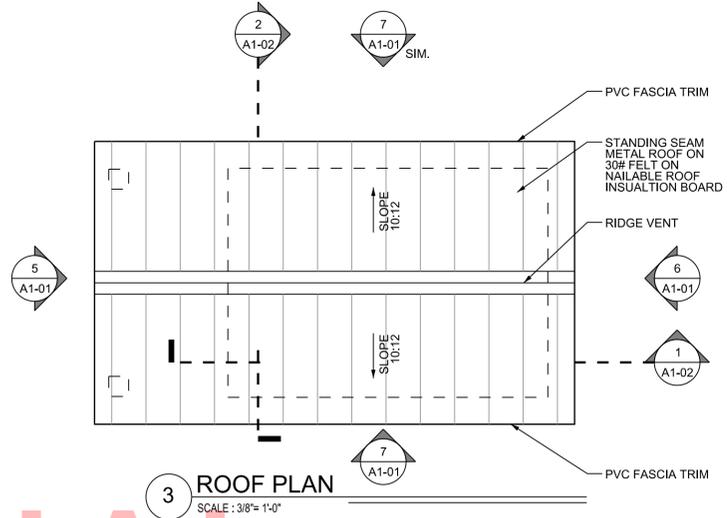
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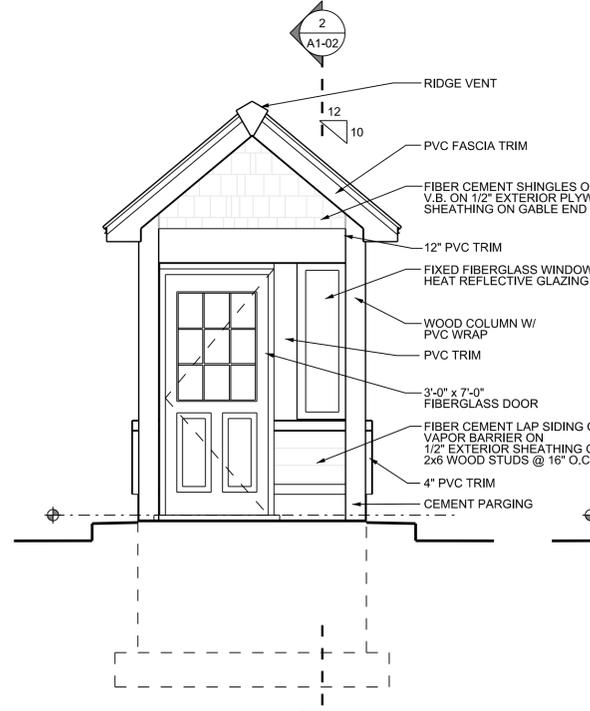
7 SIDE ELEVATION
SCALE: 3/8" = 1'-0"



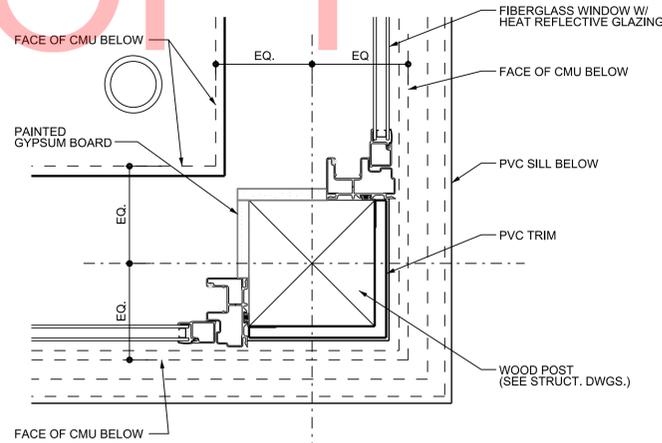
6 REAR ELEVATION
SCALE: 3/8" = 1'-0"



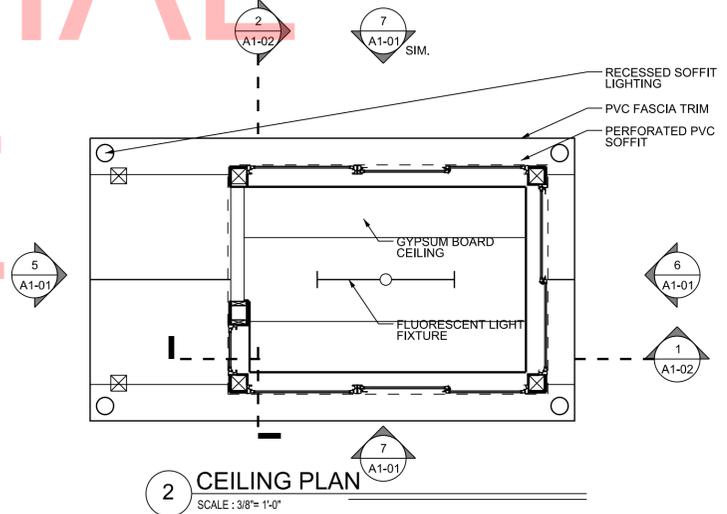
3 ROOF PLAN
SCALE: 3/8" = 1'-0"



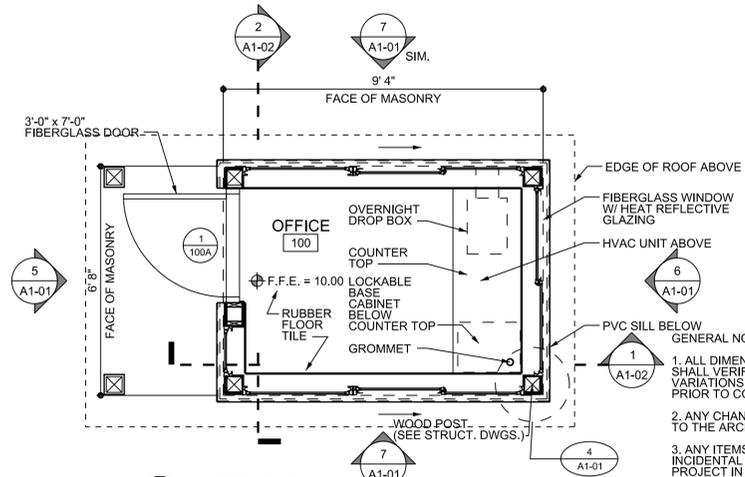
5 FRONT ELEVATION
SCALE: 3/8" = 1'-0"



4 CORNER DETAIL
SCALE: 3" = 1'-0"

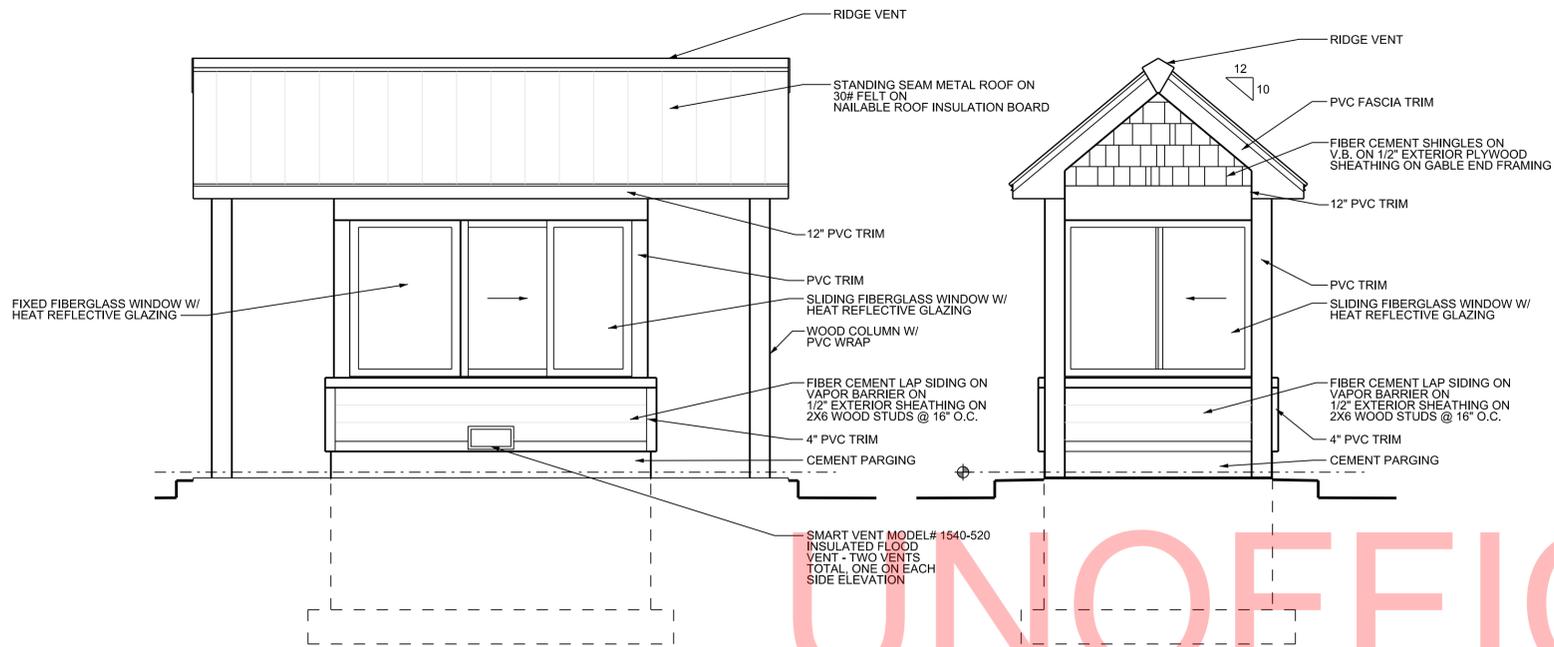


2 CEILING PLAN
SCALE: 3/8" = 1'-0"



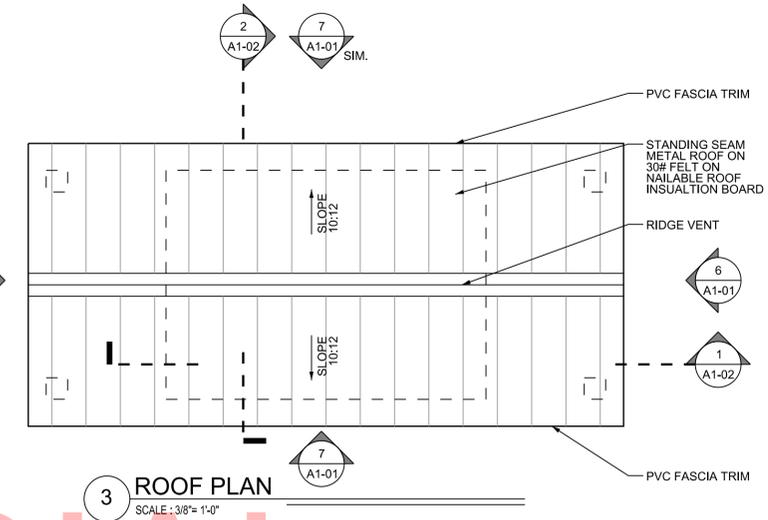
1 FLOOR PLAN
SCALE: 3/8" = 1'-0"

- GENERAL NOTES:
1. ALL DIMENSIONS ARE TO FACE OF CMU UNLESS NOTED OTHERWISE. THE CONTRACTOR SHALL VERIFY ALL SITE CONDITIONS AND DIMENSIONS PRIOR TO CONSTRUCTION. ANY VARIATIONS OR DISCREPANCIES SHALL BE BROUGHT TO THE ARCHITECT'S ATTENTION PRIOR TO CONSTRUCTION.
 2. ANY CHANGES OR FIELD ALTERATIONS TO THESE DESIGN DRAWINGS SHALL BE BROUGHT TO THE ARCHITECT'S ATTENTION FOR REVIEW PRIOR TO CONSTRUCTION.
 3. ANY ITEMS NOT SPECIFICALLY SHOWN ON THE DRAWINGS, BUT ARE REASONABLY INCIDENTAL TO, AND NECESSARY FOR THE SATISFACTORY COMPLETION OF THE PROJECT IN ACCORDANCE WITH INDUSTRY STANDARDS, ARE INCLUDED WITHIN THE INTENT OF THESE DRAWINGS.
 4. ALL ACCESS COMPONENTS TO COMPLY TO ANSI A117.1 THE AMERICANS WITH DISABILITIES ACT (ADA) AND THE STATE OF DELAWARE'S ARCHITECTURAL ACCESSIBILITY BOARD.
 5. ALL OPENINGS ARE TO HAVE STORM PANELS. REFER TO SPECIFICATIONS AND DETAIL 12/A0-03 FOR ADDITIONAL INFORMATION.
 6. REFER TO DRAWING A0-04 / CD176 STANDARD DETAILS FOR TYPICAL DETAILS.
 7. REFER TO DRAWING A0-03 / CD175 FOR DOOR SCHEDULE AND DETAILS.

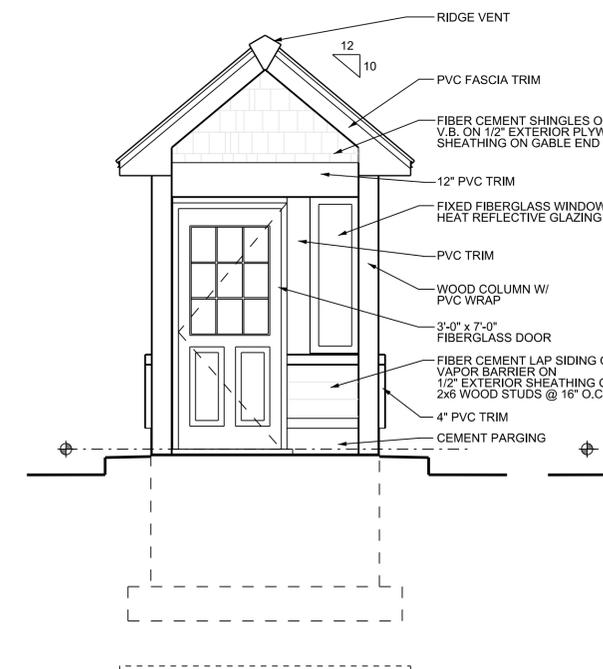


7 SIDE ELEVATION
SCALE: 3/8" = 1'-0"

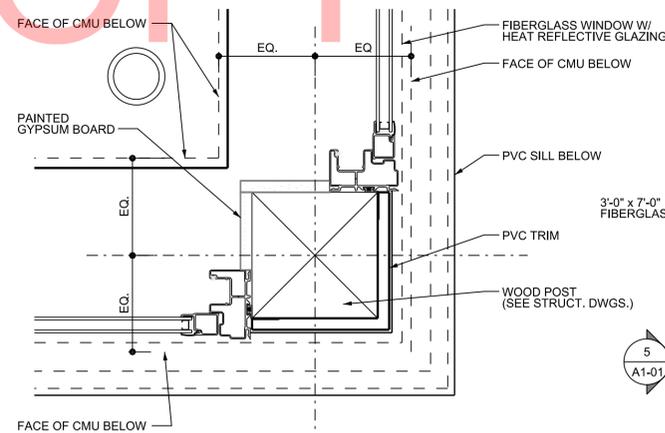
6 REAR ELEVATION
SCALE: 3/8" = 1'-0"



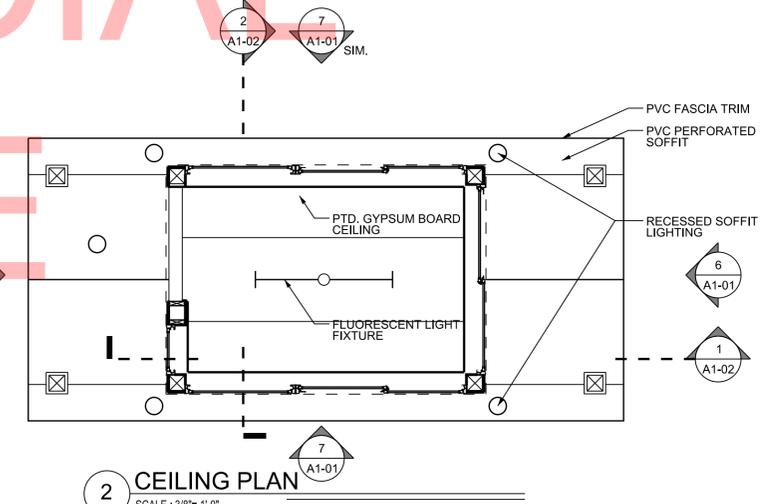
3 ROOF PLAN
SCALE: 3/8" = 1'-0"



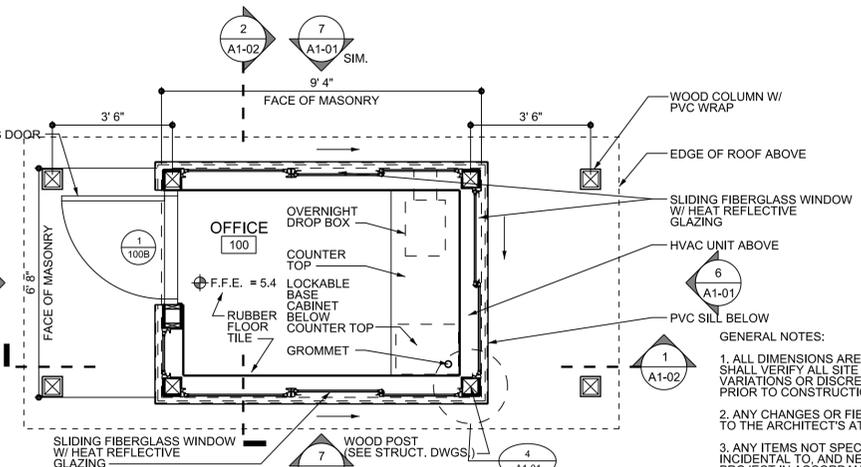
5 FRONT ELEVATION
SCALE: 3/8" = 1'-0"



4 CORNER DETAIL
SCALE: 3" = 1'-0"

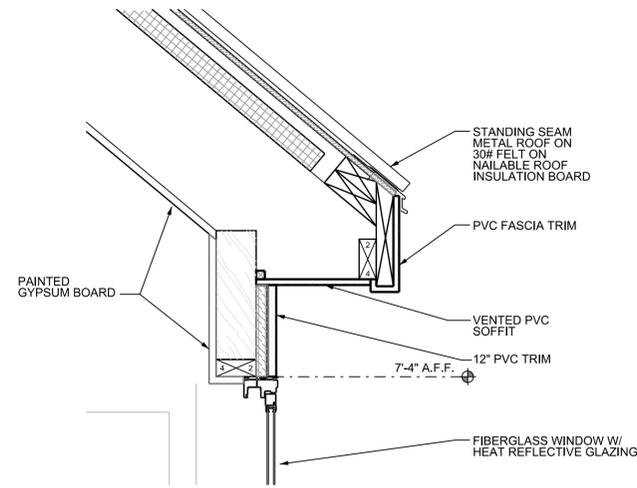


2 CEILING PLAN
SCALE: 3/8" = 1'-0"

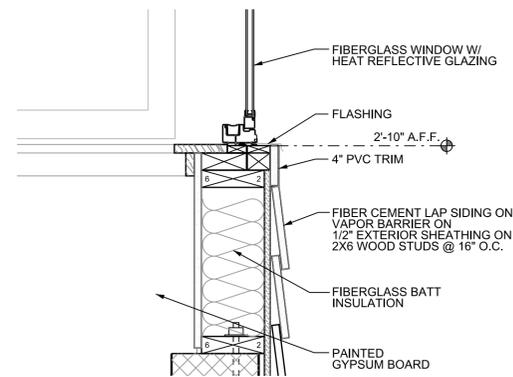


1 FLOOR PLAN
SCALE: 3/8" = 1'-0"

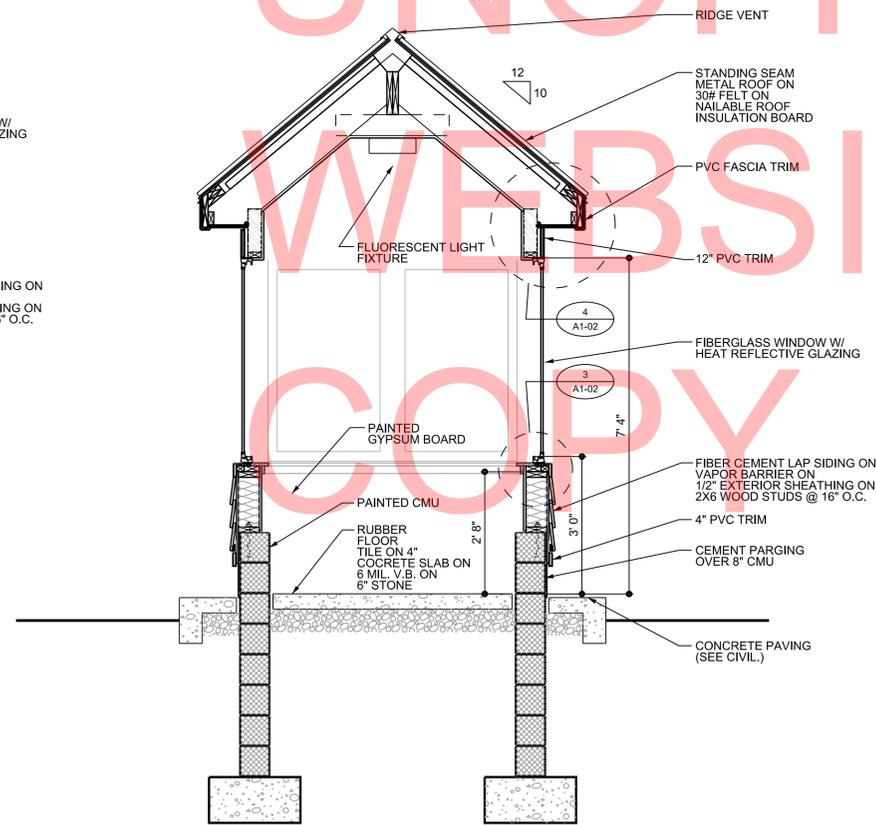
- GENERAL NOTES:
1. ALL DIMENSIONS ARE TO FACE OF CMU UNLESS NOTED OTHERWISE. THE CONTRACTOR SHALL VERIFY ALL SITE CONDITIONS AND DIMENSIONS PRIOR TO CONSTRUCTION. ANY VARIATIONS OR DISCREPANCIES SHALL BE BROUGHT TO THE ARCHITECT'S ATTENTION PRIOR TO CONSTRUCTION.
 2. ANY CHANGES OR FIELD ALTERATIONS TO THESE DESIGN DRAWINGS SHALL BE BROUGHT TO THE ARCHITECT'S ATTENTION FOR REVIEW PRIOR TO CONSTRUCTION.
 3. ANY ITEMS NOT SPECIFICALLY SHOWN ON THE DRAWINGS, BUT ARE REASONABLY INCIDENTAL TO, AND NECESSARY FOR THE SATISFACTORY COMPLETION OF THE PROJECT IN ACCORDANCE WITH INDUSTRY STANDARDS, ARE INCLUDED WITHIN THE INTENT OF THESE DRAWINGS.
 4. ALL ACCESS COMPONENTS TO COMPLY TO ANSI A117.1 THE AMERICANS WITH DISABILITIES ACT (ADA) AND THE STATE OF DELAWARE'S ARCHITECTURAL ACCESSIBILITY BOARD.
 5. ALL OPENINGS ARE TO HAVE STORM PANELS. REFER TO SPECIFICATIONS AND DETAIL 12/A0-03 FOR ADDITIONAL INFORMATION.
 6. REFER TO DRAWING A0-04 / CD176 STANDARD DETAILS FOR TYPICAL DETAILS.
 7. REFER TO DRAWING A0-03 / CD175 FOR DOOR SCHEDULE AND DETAILS.



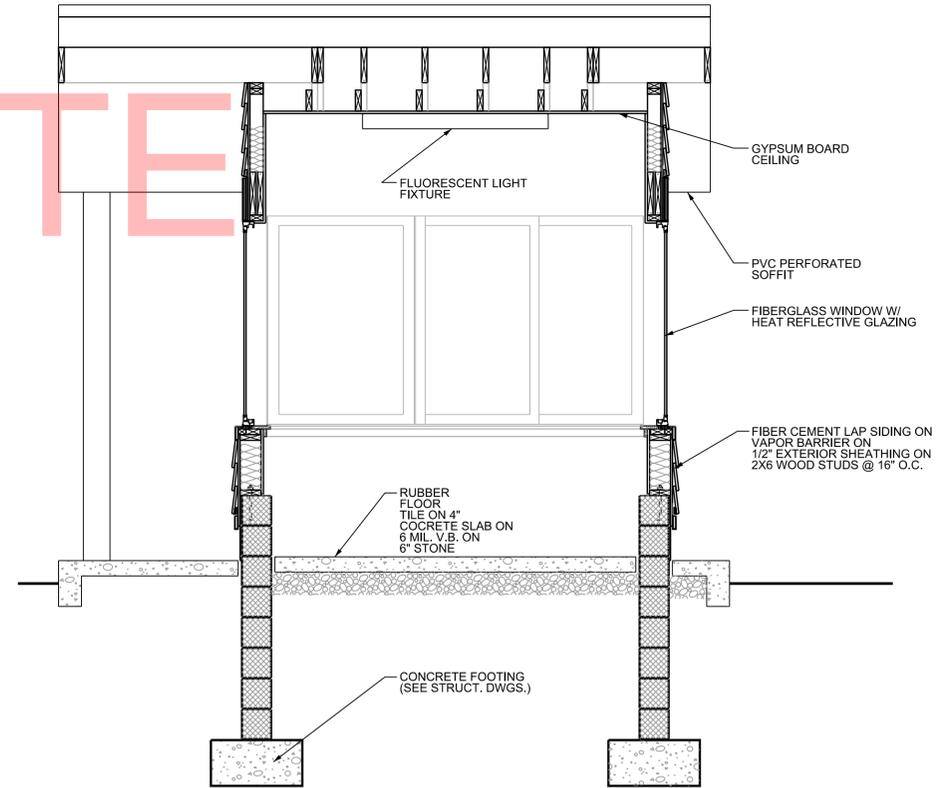
4 DETAIL
SCALE: 1 1/2" = 1'-0"



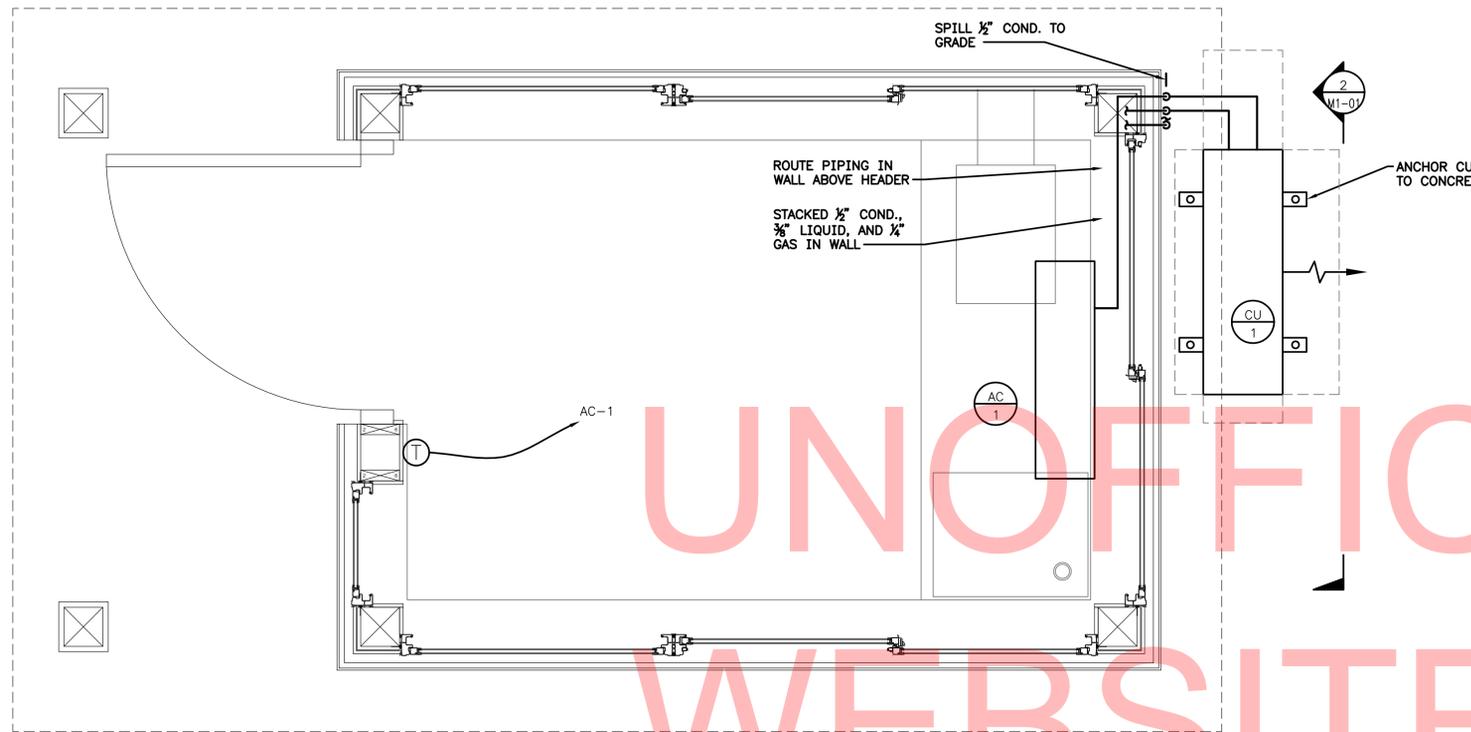
3 DETAIL
SCALE: 1 1/2" = 1'-0"



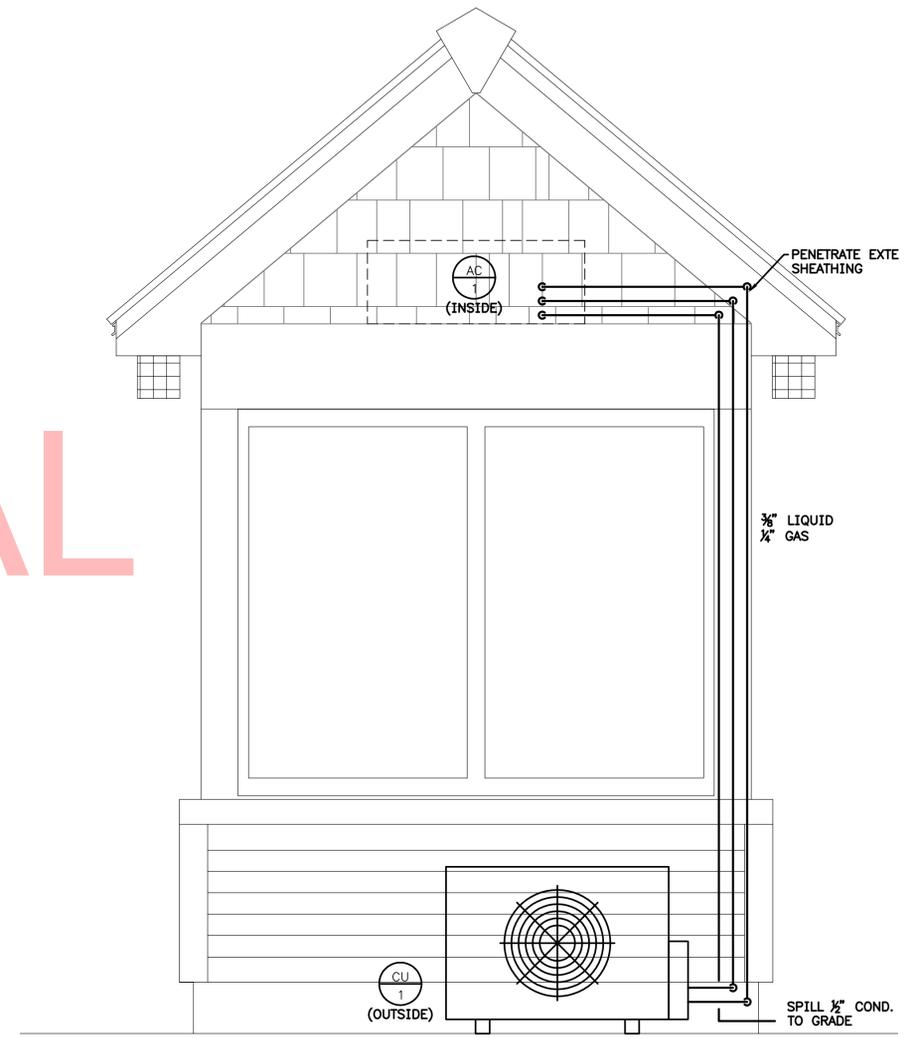
2 SECTION
SCALE: 1/2" = 1'-0"



1 SECTION
SCALE: 1/2" = 1'-0"



MECHANICAL PLAN
SCALE: 1"=1'-0"

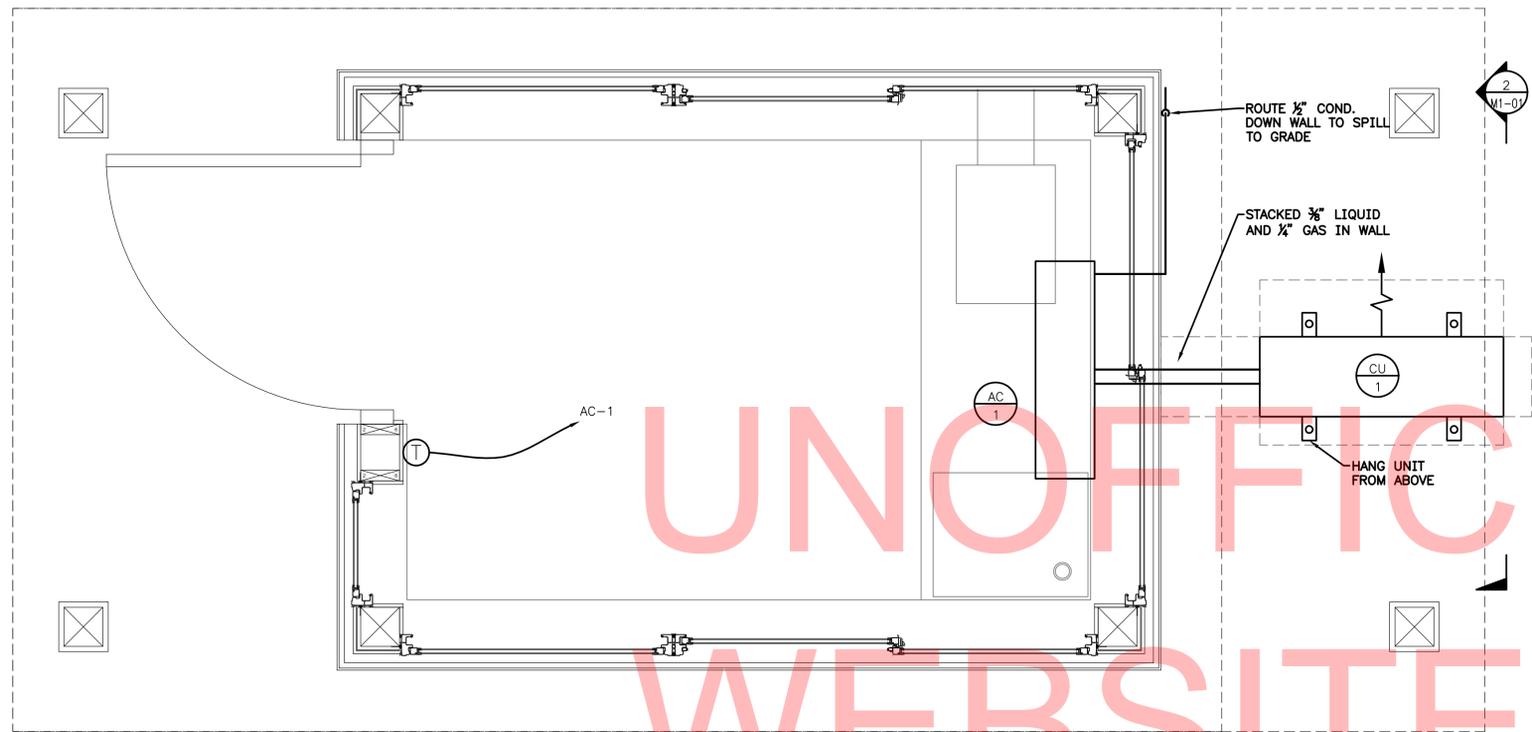


ELEVATION LOOKING EAST
SCALE: 1"=1'-0"

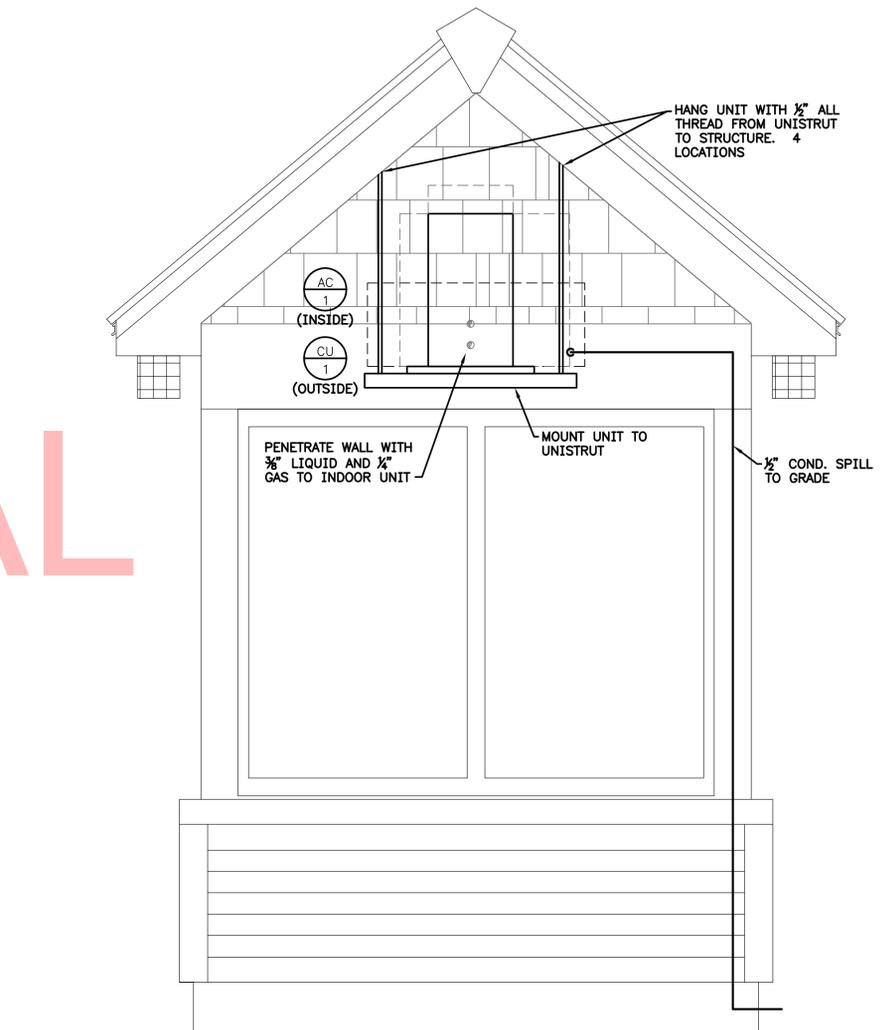
DUCTLESS SPLIT SYSTEM UNIT

TAG	MANUFACTURER	MODEL NO.	COOLING (BTU)	HEATING (BTU)	SEER	REFRIG. TYPE	INDOOR UNIT			OUTDOOR UNIT			BREAKER SIZE	COMMENTS		
							MODEL	WEIGHT (Lbs)	ELECTRICAL (V/PH/HZ)	MCA	MODEL	WEIGHT (Lbs)			ELECTRICAL (V/PH/HZ)	MCA
AC-1 CU-1	MITSUBISHI ELECTRIC	MSZ-A12NA & MUZ-A12NA	12000	13600	17	R410A	MSZ-A12NA	23	208-230/1ø/60	1	MUZ-A12NA	82	208-230/1ø/60	12	15	1,2,3

- COMMENTS:**
1. PROVIDE DISCONNECT SWITCH (INDOOR).
 2. PROVIDE WIRED TYPE CONTROLLER.
 3. PROVIDE SEACOAST PROTECTION FOR BEACH APPLICATION.



MECHANICAL PLAN
M1-01 SCALE: 1"=1'-0"

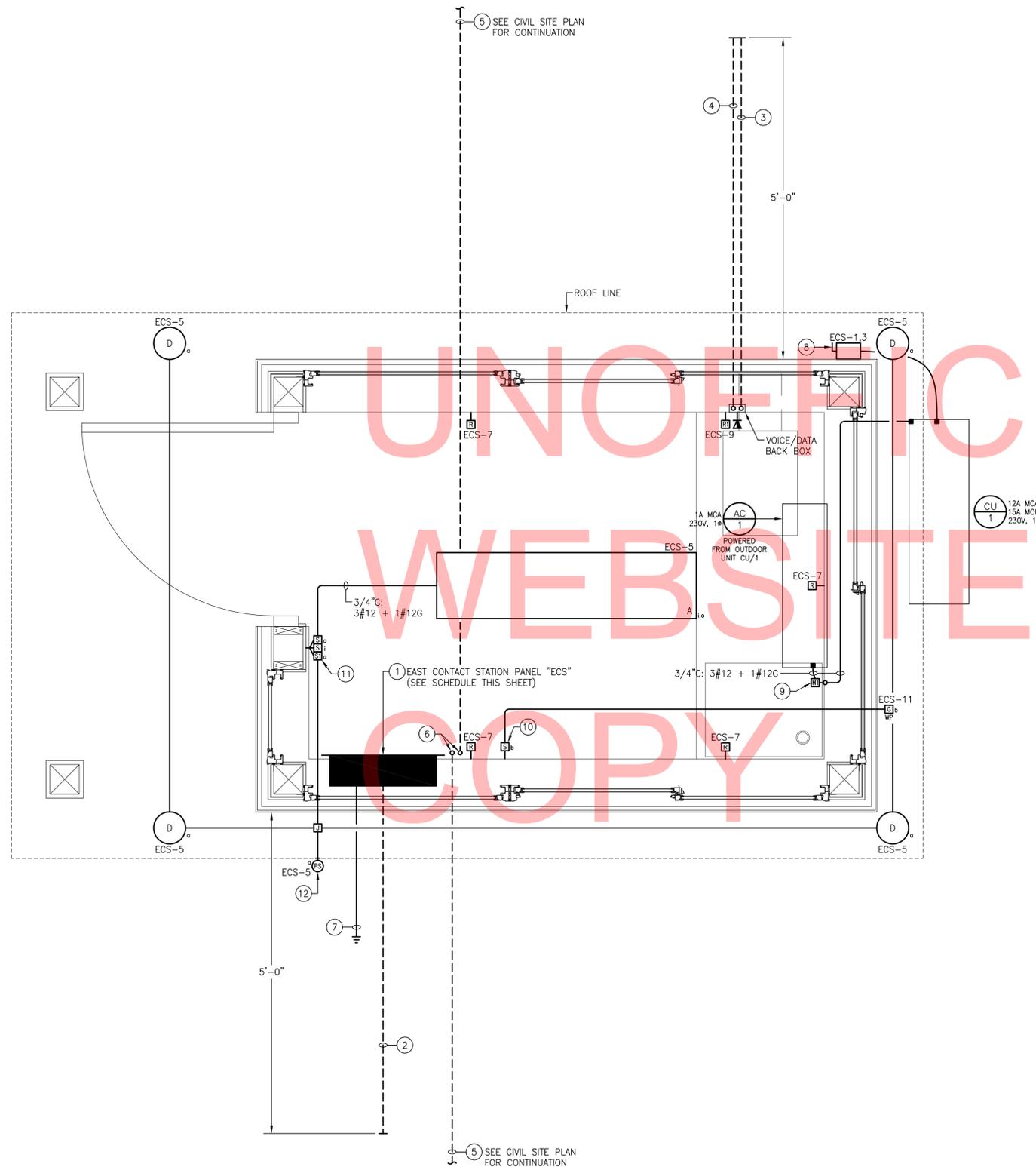


ELEVATION LOOKING EAST
M1-01 SCALE: 1"=1'-0"

DUCTLESS SPLIT SYSTEM UNIT

TAG	MANUFACTURER	MODEL NO.	COOLING (BTU)	HEATING (BTU)	SEER	REFRIG. TYPE	INDOOR UNIT			OUTDOOR UNIT			BREAKER SIZE	COMMENTS		
							MODEL	WEIGHT (Lbs)	ELECTRICAL (V/PH/HZ)	MCA	MODEL	WEIGHT (Lbs)			ELECTRICAL (V/PH/HZ)	MCA
AC-1 CU-1	MITSUBISHI ELECTRIC	MSZ-A12NA & MUZ-A12NA	12000	13600	17	R410A	MSZ-A12NA	23	208-230/1Ø/60	1	MUZ-A12NA	82	208-230/1Ø/60	12	15	1,2,3

- COMMENTS:**
1. PROVIDE DISCONNECT SWITCH (INDOOR).
 2. PROVIDE WIRED TYPE CONTROLLER.
 3. PROVIDE SEACOAST PROTECTION FOR BEACH APPLICATION.



SHEET NOTES:

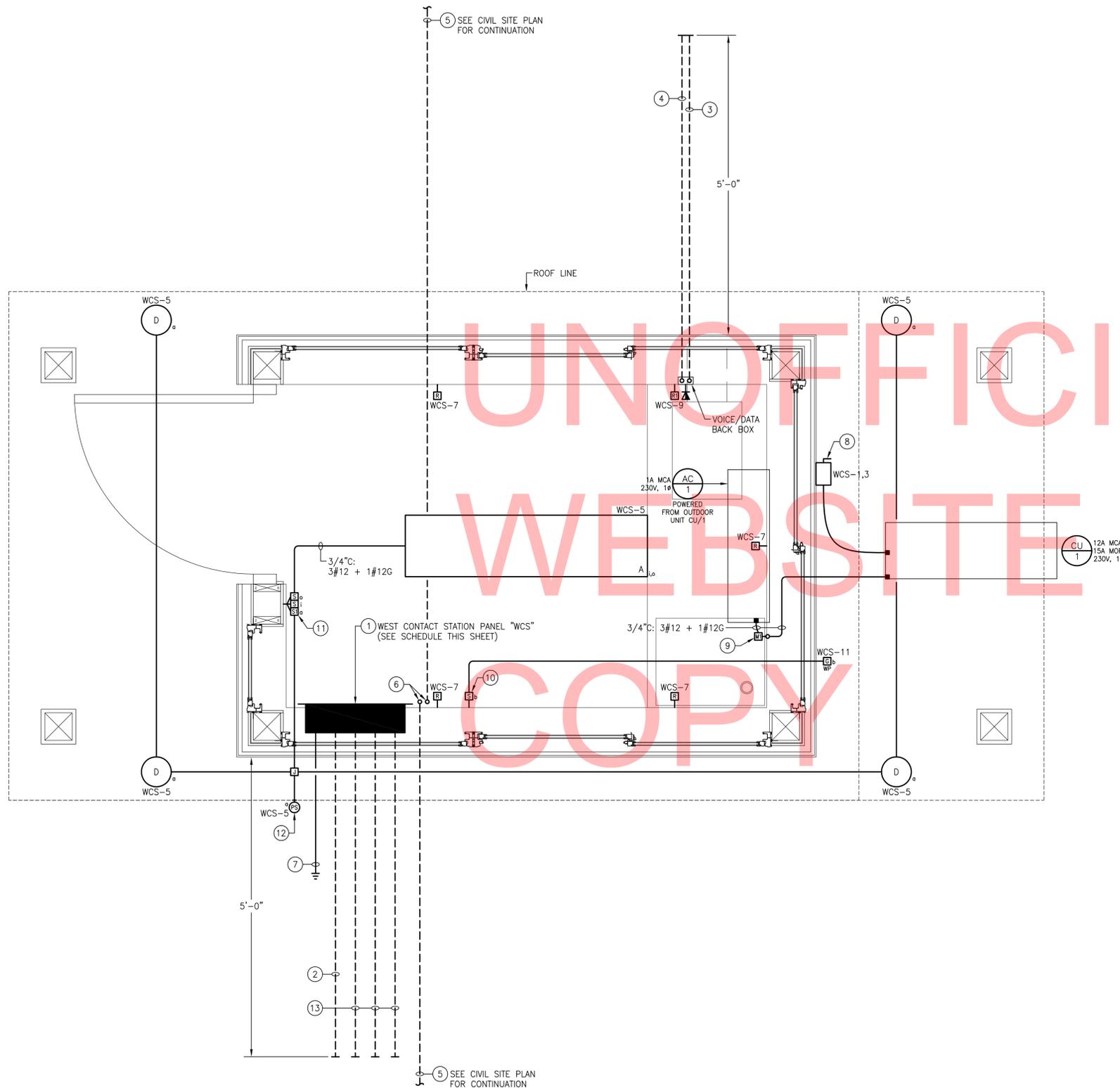
- ① PANELBOARD TO BE FLUSH-MOUNTED IN KNEE WALL; COORDINATE MOUNTING REQUIREMENTS WITH ARCHITECT PRIOR TO PURCHASING.
- ② EMPTY 2" SCHEDULE 80 PVC UNDERGROUND CONDUIT STUB-OUT WITH PULL STRING FOR ELECTRICAL FEEDER TO BUILDING (CONDUCTORS PROVIDED BY OTHERS). TOP OF CONDUIT SHALL BE BURIED MINIMUM 36" BELOW FINISHED GRADE. PROVIDE CONTINUOUS DETECTABLE RED WARNING TAPE IN BACKFILL 12" BELOW FINISHED GRADE ("CAUTION - BURIED ELECTRIC LINE BELOW").
- ③ EMPTY 1" SCHEDULE 80 PVC UNDERGROUND CONDUIT STUB-OUT WITH PULL STRING FOR TELEPHONE SERVICE (CABLING PROVIDED BY OTHERS). TOP OF CONDUIT SHALL BE BURIED MINIMUM 36" BELOW FINISHED GRADE. PROVIDE CONTINUOUS DETECTABLE ORANGE WARNING TAPE IN BACKFILL 12" BELOW FINISHED GRADE ("CAUTION - BURIED COMMUNICATION LINE BELOW").
- ④ EMPTY 1" SCHEDULE 80 PVC UNDERGROUND CONDUIT STUB-OUT WITH PULL STRING FOR DATA CABLING (CABLING PROVIDED BY OTHERS). TOP OF CONDUIT SHALL BE BURIED MINIMUM 36" BELOW FINISHED GRADE. PROVIDE CONTINUOUS DETECTABLE ORANGE WARNING TAPE IN BACKFILL 12" BELOW FINISHED GRADE ("CAUTION - BURIED COMMUNICATION LINE BELOW").
- ⑤ EMPTY 1" SCHEDULE 80 PVC UNDERGROUND CONDUIT STUB-OUT WITH PULL STRING (SPARE FOR FUTURE USE). TOP OF CONDUIT SHALL BE BURIED MINIMUM 36" BELOW FINISHED GRADE. EXTEND TO FAR SIDE OF DRIVING LANE(S) (SEE CIVIL SITE PLAN FOR CONTINUATION). PROVIDE CONTINUOUS DETECTABLE RED WARNING TAPE IN BACKFILL 12" BELOW FINISHED GRADE ("CAUTION - BURIED ELECTRIC LINE BELOW").
- ⑥ STUB UP SPARE CONDUITS INTO BUILDING MINIMUM 6" A.F.F. AND CAP.
- ⑦ SEE DIAGRAM 3/E0-02 FOR PANELBOARD GROUNDING AND BONDING DETAILS.
- ⑧ NON-FUSED SAFETY SWITCH; 30A/2P, 240V, HEAVY DUTY IN NEMA 3R ENCLOSURE (PROVIDE SQUARE D CLASS 3110 OR APPROVED EQUAL).
- ⑨ MANUAL MOTOR SWITCH; 30A/3P, 230V, NON-REVERSING IN NEMA 1 ENCLOSURE WITH LOCKABLE TOGGLE GUARD (PROVIDE SQUARE D CLASS 2510 TYPE K OR APPROVED EQUAL). SWITCH SHALL DISCONNECT ALL POWER AND CONTROL WIRING TO INDOOR UNIT "AC/1".
- ⑩ MASTER SWITCH CONTROL FOR EXTERIOR RECEPTACLE OUTLET (PROVIDE LABEL).
- ⑪ EXTERIOR LIGHTING MAINTENANCE SWITCH (PROVIDE LABEL). SEE EXTERIOR LIGHTING CONTROL WIRING DIAGRAM 1/E0-02.
- ⑫ OUTDOOR PHOTOSENSOR FOR CONTROL OF EXTERIOR LIGHTING FIXTURES (SEE EXTERIOR LIGHTING CONTROL WIRING DIAGRAM 1/E0-02 FOR DETAILS). MOUNT TO ROOF LINE FASCIA ON NORTH SIDE OF BUILDING.

PANELBOARD "ECS" SCHEDULE						
LOCATION:		SOUTHEAST CONTACT STATION		TYPE:		240/120V, 1φ, 3W
SOURCE:		CONCESSIONS BUILDING		MAIN BREAKER:		60A (BACKFED)
DESCRIPTION	BRKR SIZE	CIR NO	A ^b	B ^b	CIR NO	DESCRIPTION
SPLIT SYSTEM AIR COND. OUTDOOR & INDOOR UNIT	15A	1	1	2	20A	SPARE
		3	1	4	20A	SPARE
LTG - INTERIOR/EXTERIOR	20A	5	1	6	20A	SPARE
REC - GENERAL INTERIOR	20A	7	1	8	20A	SPARE
REC - SURGE PROTECTED	20A	9	1	10	-	PREPARED SPACE
REC - EXTERIOR	20A	11	1	12	-	PREPARED SPACE
SPARE	20A	13	1	14	-	PREPARED SPACE
BACKFED MAIN CIRCUIT BREAKER	60A	15	1	16	-	PREPARED SPACE
		17	1	18	-	PREPARED SPACE

PANEL NOTES:

1. PANELBOARD ASSEMBLY SHALL BE SUITABLE FOR USE AS SERVICE EQUIPMENT.
2. UL SHORT CIRCUIT CURRENT RATING OF PANELBOARD AND UL INTERRUPT RATINGS OF ALL CIRCUIT BREAKERS WITHIN PANELBOARD SHALL BE COORDINATED WITH AVAILABLE FAULT CURRENT AT PANELBOARD PRIOR TO PURCHASING EQUIPMENT. COORDINATE WITH ELECTRIC UTILITY AND SITE ENGINEER.
3. ALL CIRCUIT BREAKERS WITHIN PANELBOARD SHALL BE HACR RATED.

SOUTHEAST CONTACT STATION - ELECTRICAL PLAN
 SCALE: 1"=1'-0"
 1 E1-01



SHEET NOTES:

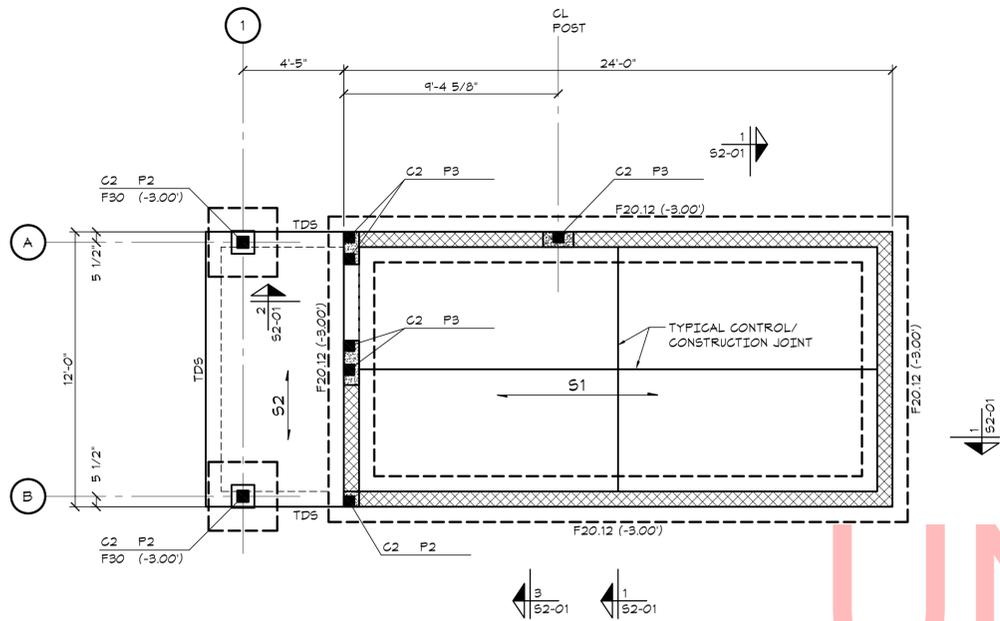
- 1 PANELBOARD TO BE FLUSH-MOUNTED IN KNEE WALL; COORDINATE MOUNTING REQUIREMENTS WITH ARCHITECT PRIOR TO PURCHASING.
- 2 EMPTY 3" SCHEDULE 80 PVC UNDERGROUND CONDUIT STUB-OUT WITH PULL STRING FOR ELECTRICAL FEEDER TO BUILDING (CONDUCTORS PROVIDED BY OTHERS). TOP OF CONDUIT SHALL BE BURIED MINIMUM 36" BELOW FINISHED GRADE. PROVIDE CONTINUOUS DETECTABLE RED WARNING TAPE IN BACKFILL 12" BELOW FINISHED GRADE ("CAUTION - BURIED ELECTRIC LINE BELOW").
- 3 EMPTY 1" SCHEDULE 80 PVC UNDERGROUND CONDUIT STUB-OUT WITH PULL STRING FOR TELEPHONE SERVICE (CABLING PROVIDED BY OTHERS). TOP OF CONDUIT SHALL BE BURIED MINIMUM 36" BELOW FINISHED GRADE. PROVIDE CONTINUOUS DETECTABLE ORANGE WARNING TAPE IN BACKFILL 12" BELOW FINISHED GRADE ("CAUTION - BURIED COMMUNICATION LINE BELOW").
- 4 EMPTY 1" SCHEDULE 80 PVC UNDERGROUND CONDUIT STUB-OUT WITH PULL STRING FOR DATA CABLING (CABLING PROVIDED BY OTHERS). TOP OF CONDUIT SHALL BE BURIED MINIMUM 36" BELOW FINISHED GRADE. PROVIDE CONTINUOUS DETECTABLE ORANGE WARNING TAPE IN BACKFILL 12" BELOW FINISHED GRADE ("CAUTION - BURIED COMMUNICATION LINE BELOW").
- 5 EMPTY 1" SCHEDULE 80 PVC UNDERGROUND CONDUIT STUB-OUT WITH PULL STRING (SPARE FOR FUTURE USE). TOP OF CONDUIT SHALL BE BURIED MINIMUM 36" BELOW FINISHED GRADE. EXTEND TO FAR SIDE OF DRIVING LANE(S) (SEE CIVIL SITE PLAN FOR CONTINUATION). PROVIDE CONTINUOUS DETECTABLE RED WARNING TAPE IN BACKFILL 12" BELOW FINISHED GRADE ("CAUTION - BURIED ELECTRIC LINE BELOW").
- 6 STUB UP SPARE CONDUITS INTO BUILDING MINIMUM 6" A.F.F. AND CAP.
- 7 SEE DIAGRAM 3/E0-02 FOR PANELBOARD GROUNDING AND BONDING DETAILS.
- 8 NON-FUSED SAFETY SWITCH; 30A/2P, 240V, HEAVY DUTY IN NEMA 3R ENCLOSURE (PROVIDE SQUARE D CLASS 3110 OR APPROVED EQUAL). MOUNT HIGH ON EXTERIOR WALL NEAR OUTDOOR UNIT "CU/1".
- 9 MANUAL MOTOR SWITCH; 30A/3P, 230V, NON-REVERSING IN NEMA 1 ENCLOSURE WITH LOCKABLE TOGGLE GUARD (PROVIDE SQUARE D CLASS 2510 TYPE K OR APPROVED EQUAL). SWITCH SHALL DISCONNECT ALL POWER AND CONTROL WIRING TO INDOOR UNIT "AC/1".
- 10 MASTER SWITCH CONTROL FOR EXTERIOR RECEPTACLE OUTLET (PROVIDE LABEL).
- 11 EXTERIOR LIGHTING MAINTENANCE SWITCH (PROVIDE LABEL). SEE EXTERIOR LIGHTING CONTROL WIRING DIAGRAM 1/E0-02.
- 12 OUTDOOR PHOTOSENSOR FOR CONTROL OF EXTERIOR LIGHTING FIXTURES (SEE EXTERIOR LIGHTING CONTROL WIRING DIAGRAM 1/E0-02 FOR DETAILS). MOUNT TO ROOF LINE FASCIA ON NORTH SIDE OF BUILDING.
- 13 EMPTY 1" SCHEDULE 80 PVC UNDERGROUND CONDUIT STUB-OUT WITH PULL STRING FOR SITE LIGHTING BRANCH CIRCUIT (CONDUCTORS PROVIDED BY OTHERS). TOP OF CONDUIT SHALL BE BURIED MINIMUM 36" BELOW FINISHED GRADE. PROVIDE CONTINUOUS DETECTABLE RED WARNING TAPE IN BACKFILL 12" BELOW FINISHED GRADE ("CAUTION - BURIED ELECTRIC LINE BELOW").

PANELBOARD "WCS" SCHEDULE						
LOCATION:		SOUTHWEST CONTACT STATION		TYPE:		240/120V, 1φ, 3W
SOURCE:		EXIST. SOUTHEAST BATH HOUSE PANEL "SEB"		MAIN BREAKER:		60A (BACKFED)
DESCRIPTION	BRKR SIZE	CIR NO	A ^b	B ^b	CIR NO	DESCRIPTION
SPLIT SYSTEM AIR COND. OUTDOOR & INDOOR UNIT	15A	1	2	20A	2	(RESERVED FOR SITE LTG.)
		3	4	20A	4	(RESERVED FOR SITE LTG.)
LTG - INTERIOR/EXTERIOR	20A	5	6	20A	6	(RESERVED FOR SITE LTG.)
REC - GENERAL INTERIOR	20A	7	8	20A	8	SPARE
REC - SURGE PROTECTED	20A	9	10	20A	10	SPARE
REC - EXTERIOR	20A	11	12	20A	12	SPARE
SPARE	20A	13	14	20A	14	SPARE
BACKFED MAIN CIRCUIT BREAKER	60A	15	16	-	16	PREPARED SPACE
		17	18	-	18	PREPARED SPACE

PANEL NOTES:

1. PANELBOARD ASSEMBLY SHALL BE SUITABLE FOR USE AS SERVICE EQUIPMENT.
2. UL SHORT CIRCUIT CURRENT RATING OF PANELBOARD AND UL INTERRUPT RATINGS OF ALL CIRCUIT BREAKERS WITHIN PANELBOARD SHALL BE COORDINATED WITH AVAILABLE FAULT CURRENT AT PANELBOARD PRIOR TO PURCHASING EQUIPMENT. COORDINATE WITH ELECTRIC UTILITY AND SITE ENGINEER.
3. ALL CIRCUIT BREAKERS WITHIN PANELBOARD SHALL BE HACR RATED.

SOUTHWEST CONTACT STATION - ELECTRICAL PLAN
 SCALE: 1"=1'-0"
 1 E1-02

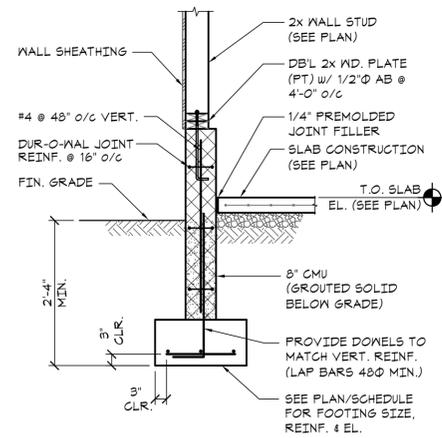


BLDG #2: FOUNDATION PLAN

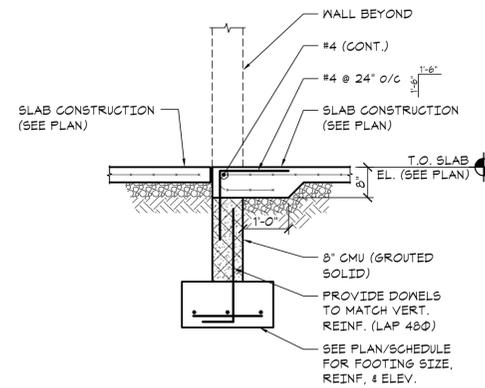
SCALE: 1/4" = 1'-0"

NOTES:

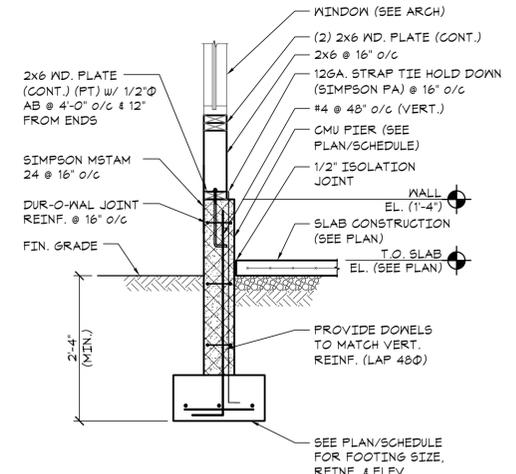
1. TOP OF SLAB EL. = DATUM EL. (0.00') UNLESS NOTED OTHERWISE THIS (...)
2. TOP OF PIER EL. = (+1'-4") ABOVE DATUM UNLESS NOTED OTHERWISE THIS (...)
3. TDS INDICATES TURNED DOWN SLAB. SEE TYPICAL DETAIL ON DRAWING 50-04.
4. COORDINATE ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS PRIOR TO BUILDING LAYOUT.
5. SL INDICATES 4" N.M. CONCRETE SLAB ON GRADE w/ 6x6-W1.4x1.4 WWF OVER 6" CRUSHED STONE.
6. SL INDICATES 4" N.M. CONCRETE SLAB ON GRADE (6% AIR ENTRAINMENT) w/ 6x6-W1.4x1.4 WWF OVER 6" CRUSHED STONE.



Section 1
52-01

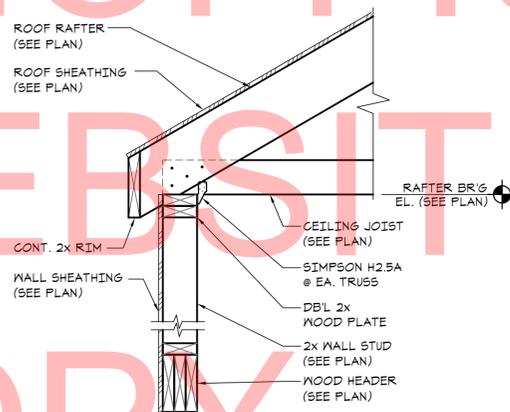


Section 2
52-01

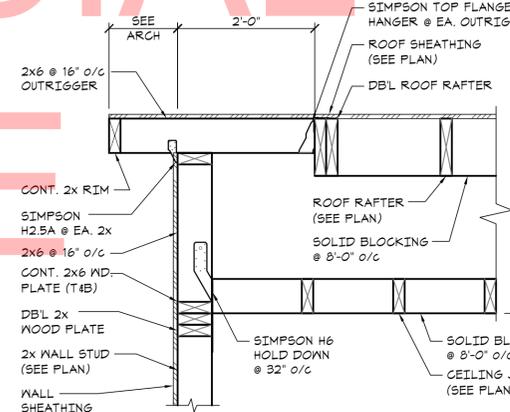


Section 3
52-01

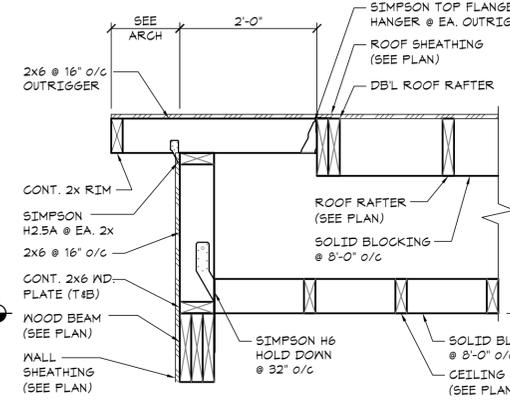
UNOFFICIAL WEBSITE COPY



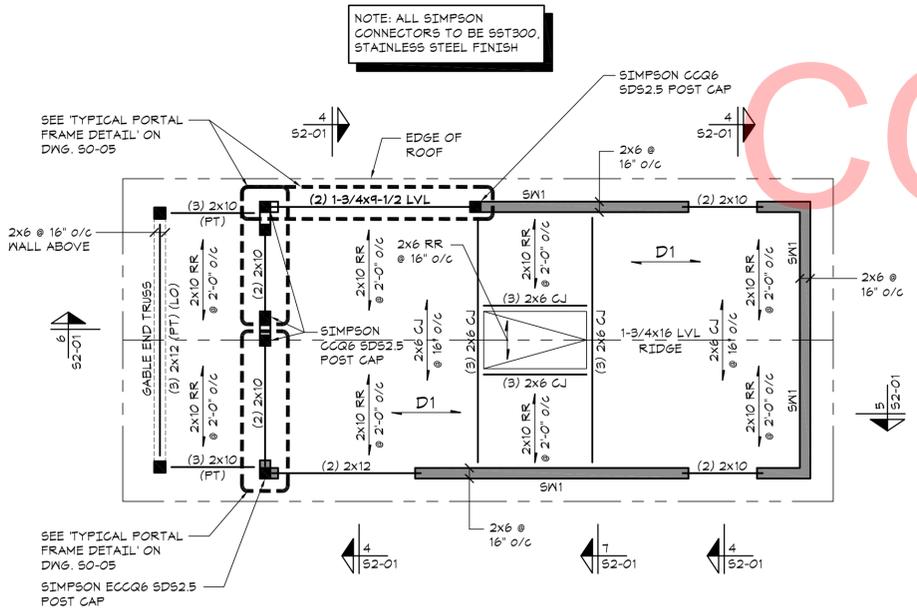
Section 4
52-01



Section 5
52-01



Section 6
52-01

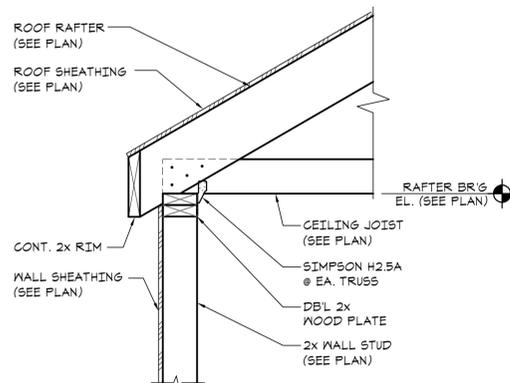


BLDG #2: ROOF FRAMING PLAN

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

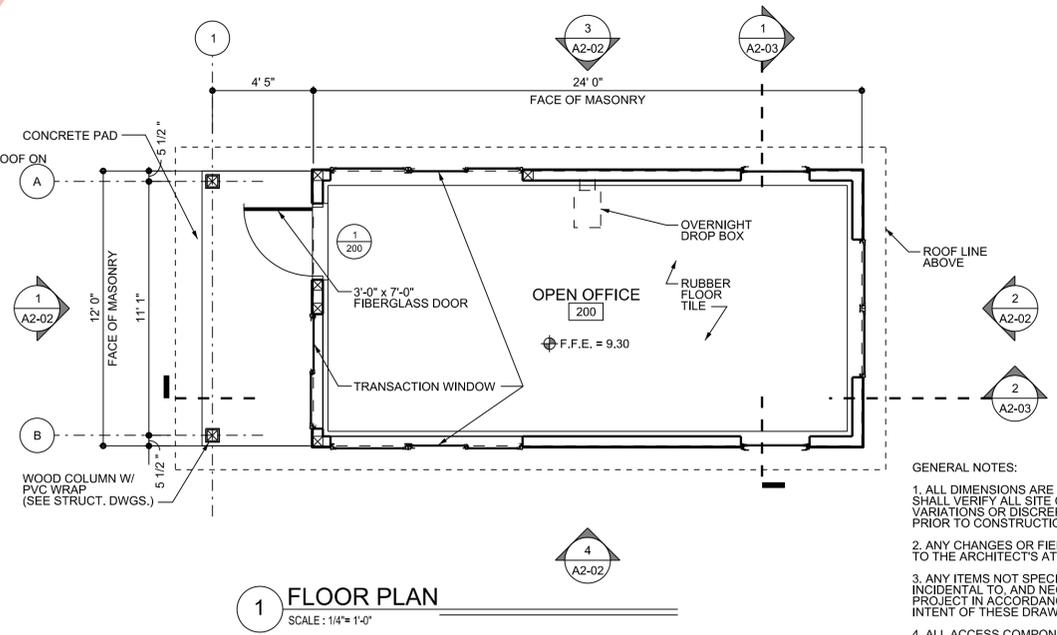
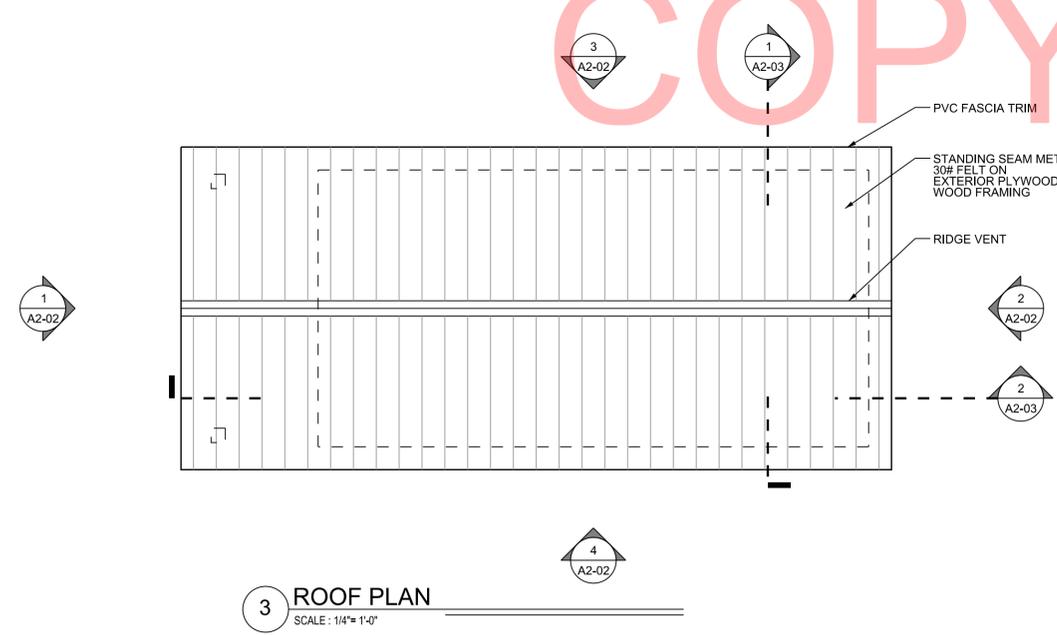
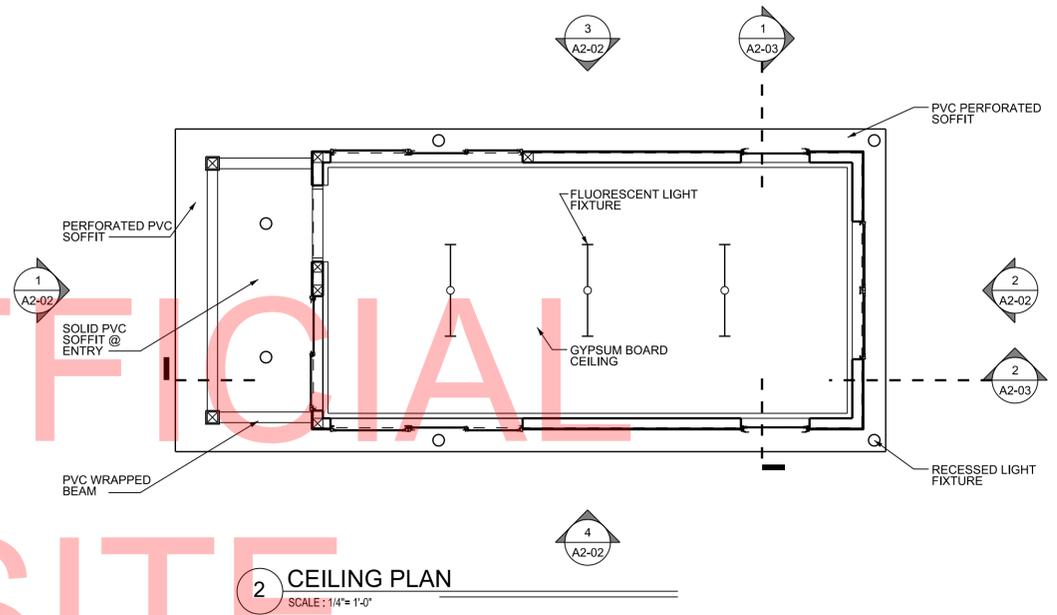
NOTES:

1. RAFTER BEARING EL. = (8'-4") ABOVE DATUM EL.
2. SEE PLAN FOR TOP OF JOIST (DECK BEARING) ELEVATION.
3. PT INDICATES 5/8" T&G PLYWOOD ROOF SHEATHING.
4. CJ INDICATES CEILING JOIST.
5. SW INDICATES SHEARWALL. SEE SCHEDULE ON DRAWING 50-03 FOR ADDITIONAL INFORMATION.
6. SW INDICATES SHEARWALL LOCATION.
7. RR INDICATES ROOF RAFTERS.



Section 7
52-01

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COPY



- GENERAL NOTES:
1. ALL DIMENSIONS ARE TO FACE OF CMU UNLESS NOTED OTHERWISE. THE CONTRACTOR SHALL VERIFY ALL SITE CONDITIONS AND DIMENSIONS PRIOR TO CONSTRUCTION. ANY VARIATIONS OR DISCREPANCIES SHALL BE BROUGHT TO THE ARCHITECT'S ATTENTION PRIOR TO CONSTRUCTION.
 2. ANY CHANGES OR FIELD ALTERATIONS TO THESE DESIGN DRAWINGS SHALL BE BROUGHT TO THE ARCHITECT'S ATTENTION FOR REVIEW PRIOR TO CONSTRUCTION.
 3. ANY ITEMS NOT SPECIFICALLY SHOWN ON THE DRAWINGS, BUT ARE REASONABLY INCIDENTAL TO, AND NECESSARY FOR THE SATISFACTORY COMPLETION OF THE PROJECT IN ACCORDANCE WITH INDUSTRY STANDARDS, ARE INCLUDED WITHIN THE INTENT OF THESE DRAWINGS.
 4. ALL ACCESS COMPONENTS TO COMPLY TO ANSI A117.1 THE AMERICANS WITH DISABILITIES ACT (ADA) AND THE STATE OF DELAWARE'S ARCHITECTURAL ACCESSIBILITY BOARD.
 5. ALL OPENINGS ARE TO HAVE STORM PANELS. REFER TO SPECIFICATIONS AND DETAIL 12/A0-03 FOR ADDITIONAL INFORMATION.
 6. REFER TO DRAWING A0-04 / CD176 STANDARD DETAILS FOR TYPICAL DETAILS.
 7. REFER TO DRAWING A0-03 / CD175 FOR DOOR SCHEDULE AND DETAILS.

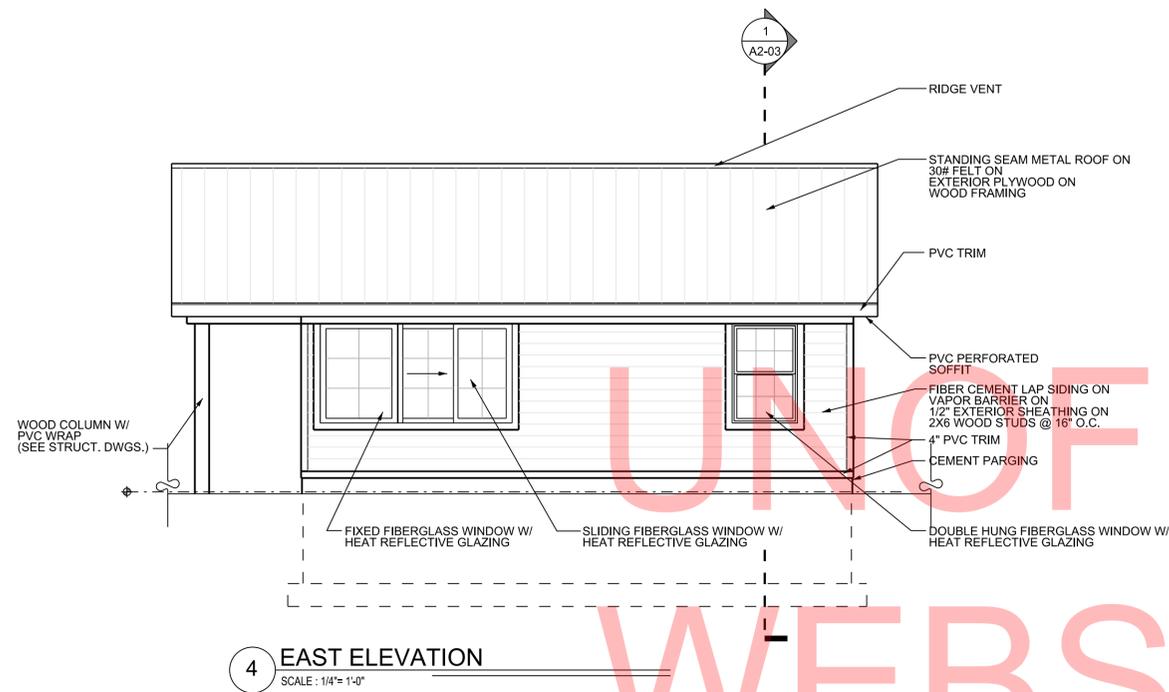
ADDENDUMS / REVISIONS	

SCALE AS NOTED

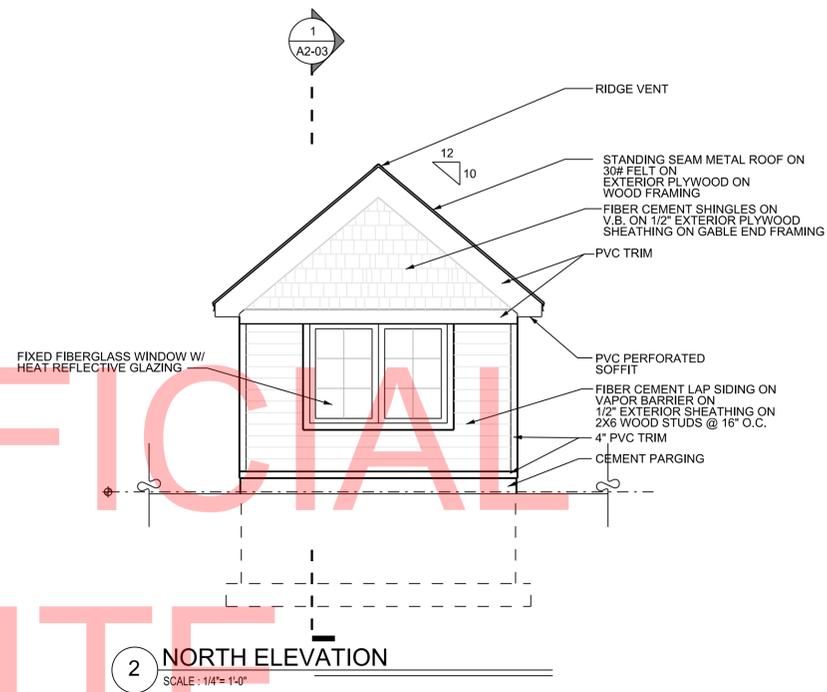
**INDIAN RIVER INLET
PARK ENHANCEMENTS**

CONTRACT	BRIDGE NO.	X
T200507303	DRAWN BY:	JAA
COUNTY	CHECKED BY:	WJS
SUSSEX		

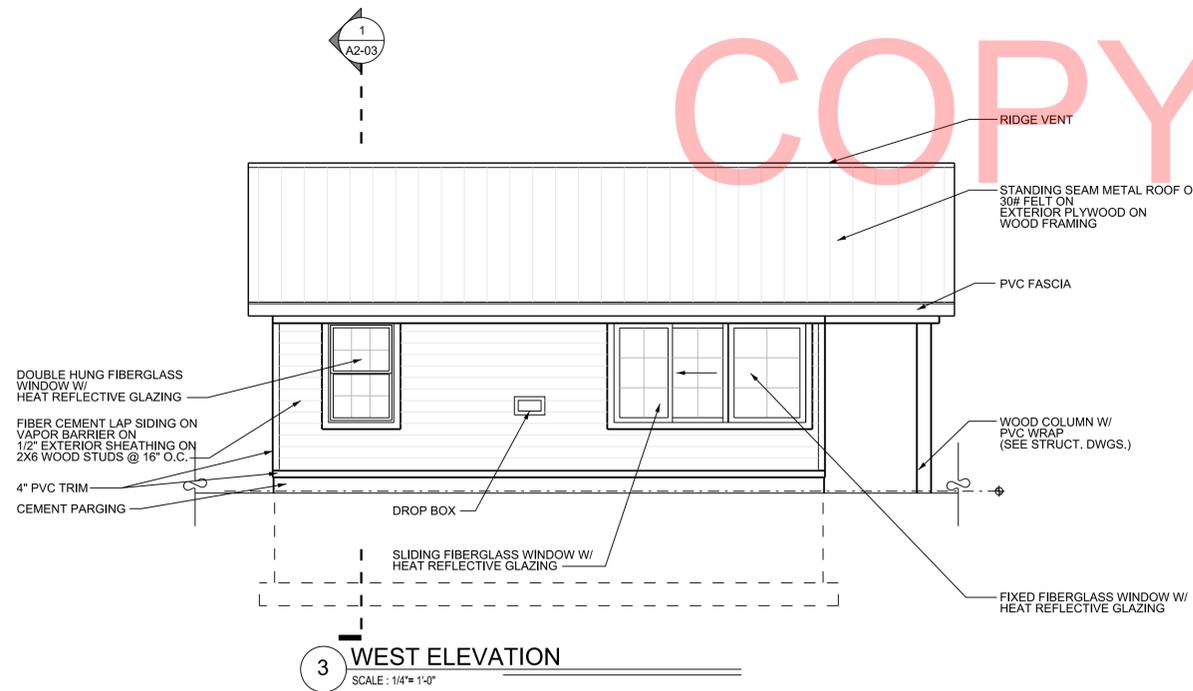
ADMINISTRATION CONTACT STATION - BUILDING 2 PLANS	
A2-01	282



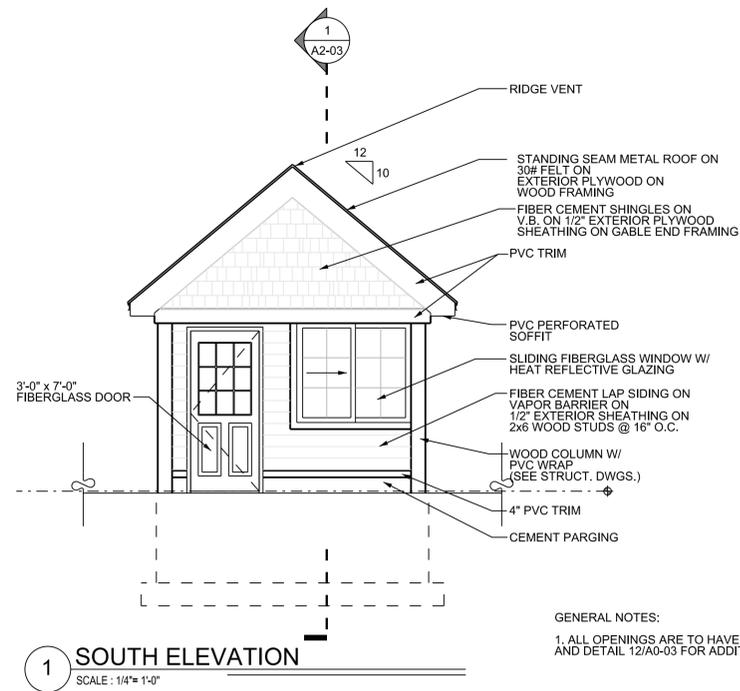
4 EAST ELEVATION
SCALE: 1/4" = 1'-0"



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

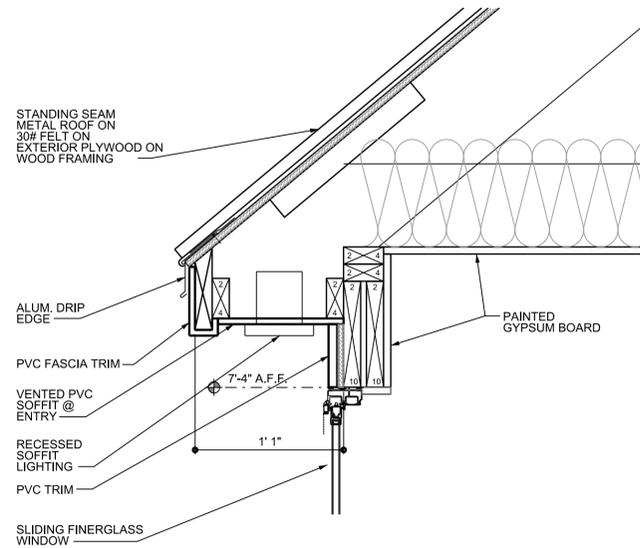


3 WEST ELEVATION
SCALE: 1/4" = 1'-0"

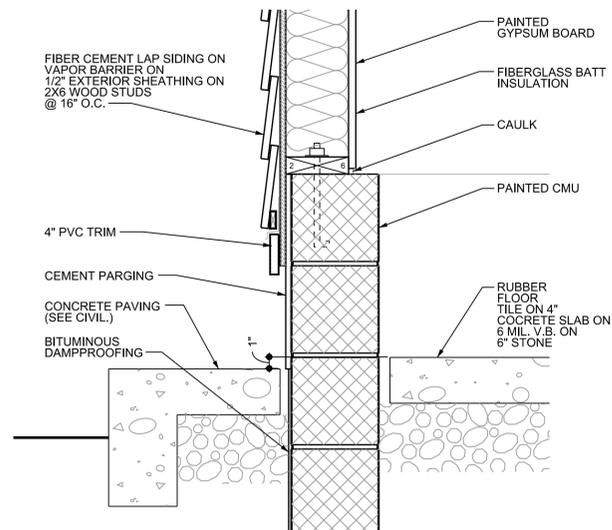


1 SOUTH ELEVATION
SCALE: 1/4" = 1'-0"

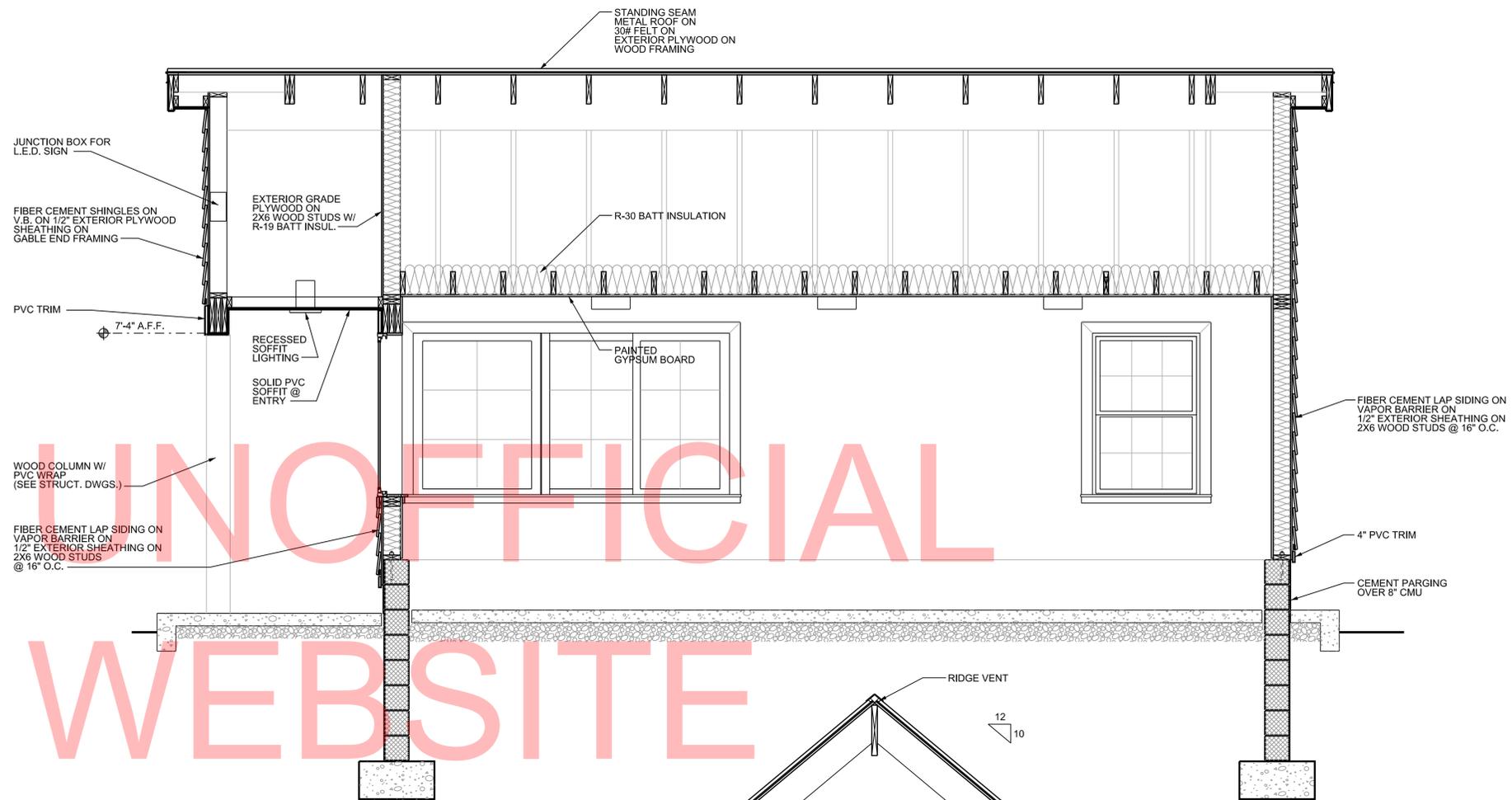
GENERAL NOTES:
1. ALL OPENINGS ARE TO HAVE STORM PANELS. REFER TO SPECIFICATIONS AND DETAIL 12/A0-03 FOR ADDITIONAL INFORMATION.



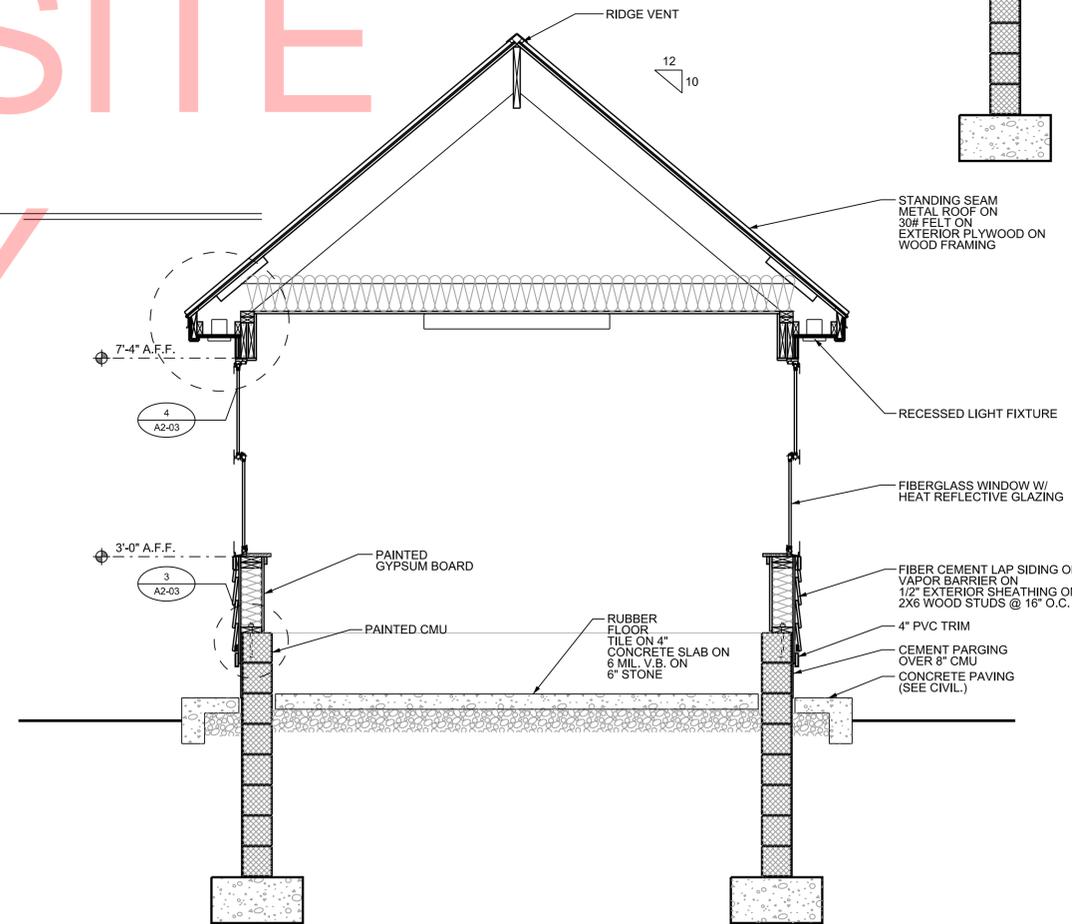
4 DETAIL
SCALE: 1 1/2" = 1'-0"



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

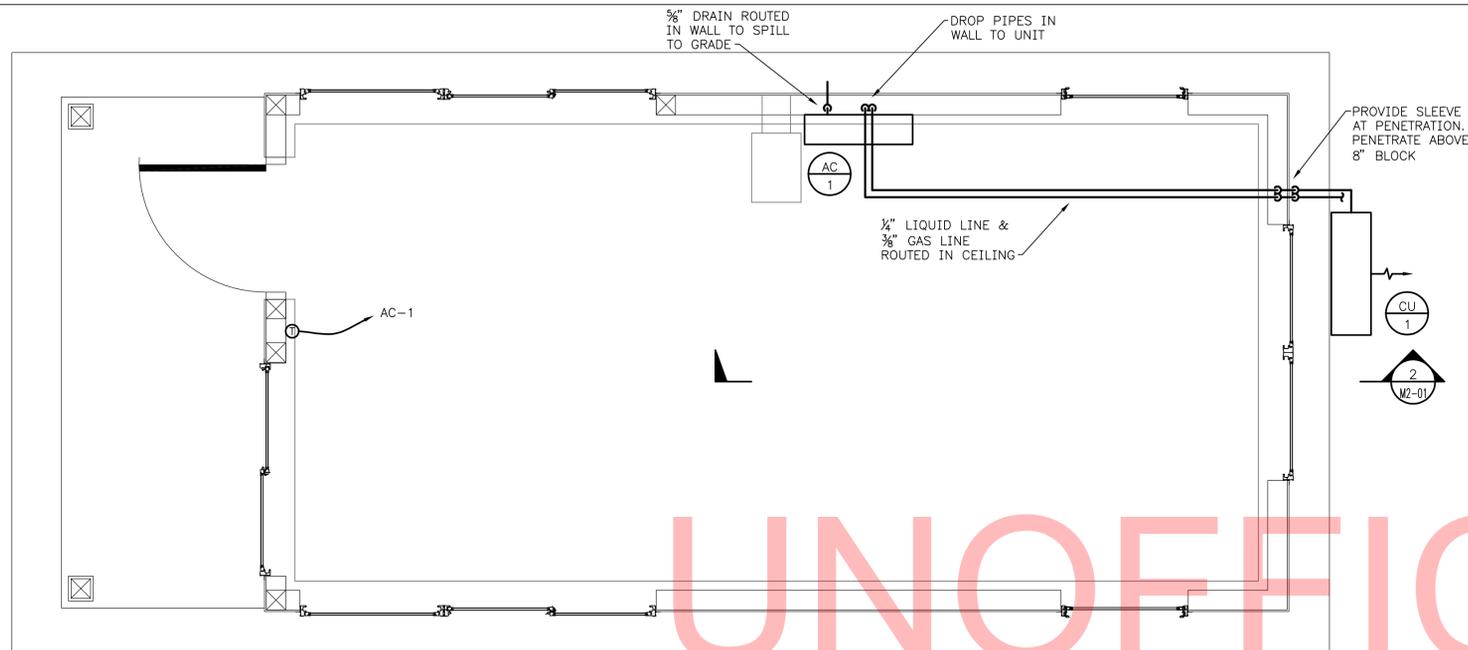


2 SECTION
SCALE: 1/2" = 1'-0"

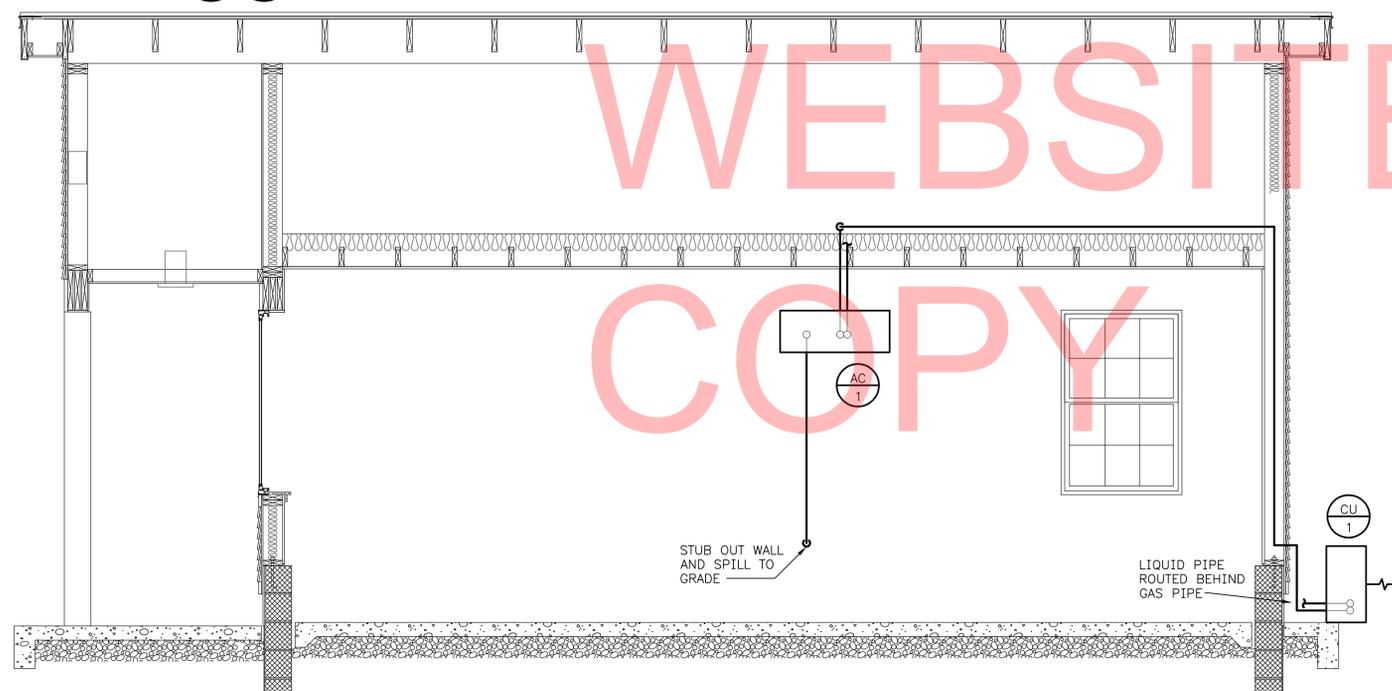


1 SECTION
SCALE: 1/2" = 1'-0"

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1 ADMINISTRATION CONTACT STATION MECHANICAL PLAN
M2-01 SCALE: 1/2" = 1'-0"



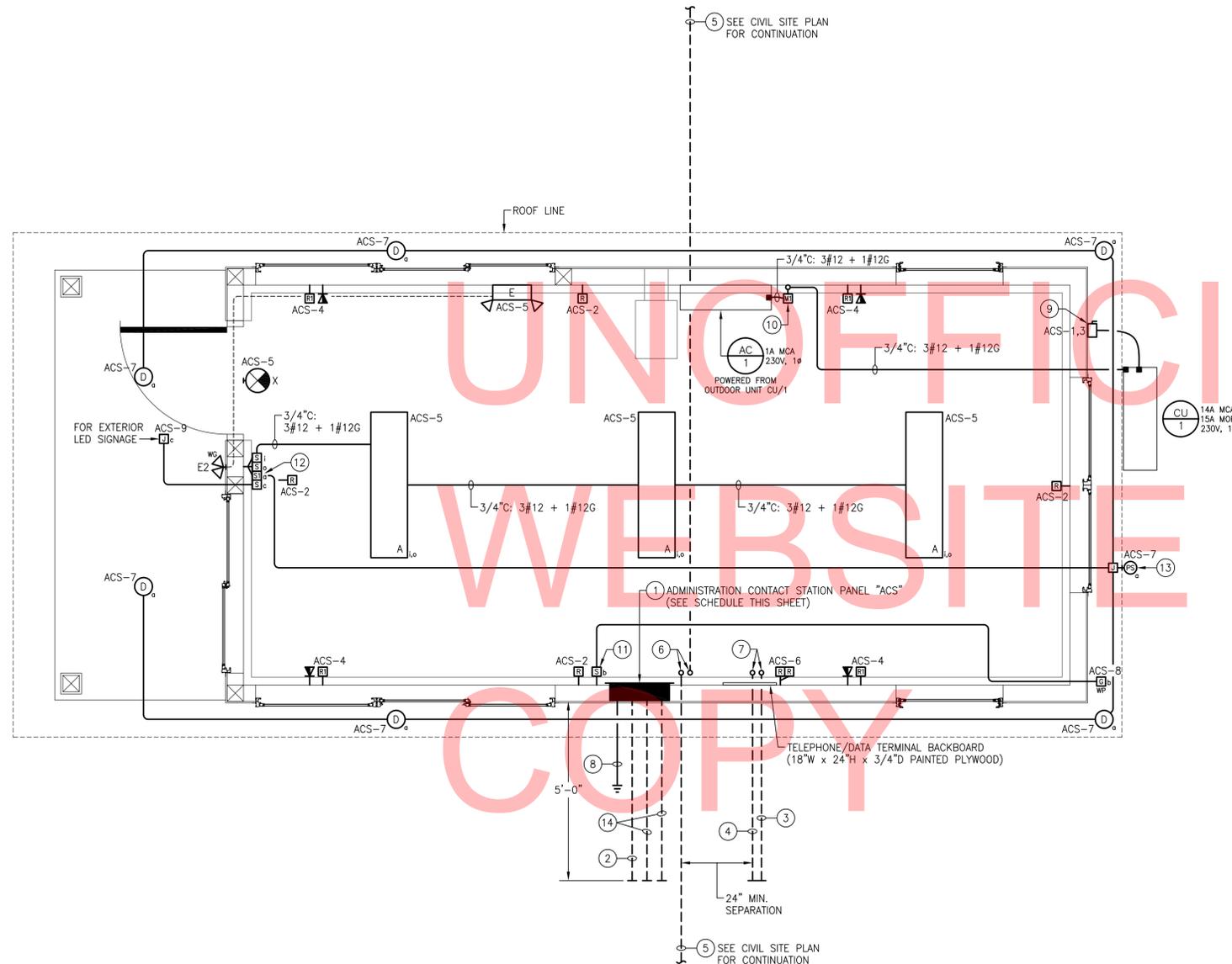
1 ADMINISTRATION CONTACT STATION MECHANICAL PLAN
M2-01 SCALE: 1/2" = 1'-0"

DUCTLESS SPLIT SYSTEM UNIT

TAG	MANUFACTURER	MODEL NO.	COOLING (BTU)	HEATING (BTU)	SEER	REFRIG. TYPE	INDOOR UNIT				OUTDOOR UNIT				BREAKER SIZE	COMMENTS		
							MODEL	WEIGHT (LBs)	ELECTRICAL (V/PH/HZ)		MCA	MODEL	WEIGHT (LBs)	ELECTRICAL (V/PH/HZ)			MCA	
AC-1 CU-1	MITSUBISHI ELECTRIC	MSZ-A17NA & MUZ-A17NA	16200	20100	16	R410A	MSZ-A17NA	23	208-230/1Ø/60		1	MUZ-A17NA	88	208-230/1Ø/60		14	15	1,2,3

COMMENTS:

1. PROVIDE DISCONNECT SWITCH (INDOOR).
2. PROVIDE WIRED TYPE CONTROLLER.
3. PROVIDE SEACOAST PROTECTION FOR BEACH APPLICATION.



1 ADMINISTRATION CONTACT STATION - ELECTRICAL PLAN
 SCALE: 1/2" = 1'-0"

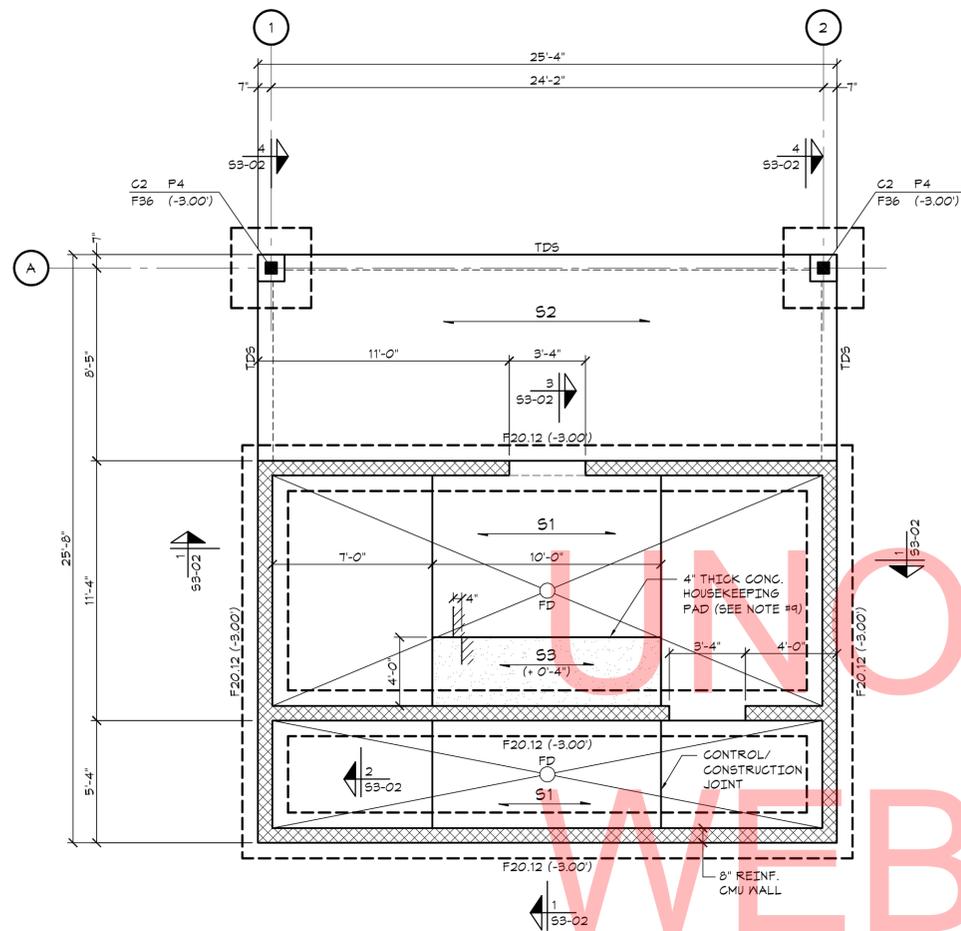
SHEET NOTES:

- 1 PANELBOARD TO BE FLUSH-MOUNTED IN GYPSUM WALL; COORDINATE MOUNTING REQUIREMENTS WITH ARCHITECT PRIOR TO PURCHASING.
- 2 EMPTY 2-1/2" SCHEDULE 80 PVC UNDERGROUND CONDUIT STUB-OUT WITH PULL STRING FOR ELECTRICAL FEEDER TO BUILDING (CONDUCTORS PROVIDED BY OTHERS). TOP OF CONDUIT SHALL BE BURIED MINIMUM 36" BELOW FINISHED GRADE. PROVIDE CONTINUOUS DETECTABLE RED WARNING TAPE IN BACKFILL 12" BELOW FINISHED GRADE ("CAUTION - BURIED ELECTRIC LINE BELOW").
- 3 EMPTY 2" SCHEDULE 80 PVC UNDERGROUND CONDUIT STUB-OUT WITH PULL STRING FOR TELEPHONE SERVICE (CABLING PROVIDED BY OTHERS). TOP OF CONDUIT SHALL BE BURIED MINIMUM 36" BELOW FINISHED GRADE. PROVIDE CONTINUOUS DETECTABLE ORANGE WARNING TAPE IN BACKFILL 12" BELOW FINISHED GRADE ("CAUTION - BURIED COMMUNICATION LINE BELOW").
- 4 EMPTY 2" SCHEDULE 80 PVC UNDERGROUND CONDUIT STUB-OUT WITH PULL STRING FOR DATA CABLING (CABLING PROVIDED BY OTHERS). TOP OF CONDUIT SHALL BE BURIED MINIMUM 36" BELOW FINISHED GRADE. PROVIDE CONTINUOUS DETECTABLE ORANGE WARNING TAPE IN BACKFILL 12" BELOW FINISHED GRADE ("CAUTION - BURIED COMMUNICATION LINE BELOW").
- 5 EMPTY 1" SCHEDULE 80 PVC UNDERGROUND CONDUIT STUB-OUT WITH PULL STRING (SPARE FOR FUTURE USE). TOP OF CONDUIT SHALL BE BURIED MINIMUM 36" BELOW FINISHED GRADE. EXTEND TO FAR SIDE OF DRIVING LANE(S) (SEE CIVIL SITE PLAN FOR CONTINUATION). PROVIDE CONTINUOUS DETECTABLE RED WARNING TAPE IN BACKFILL 12" BELOW FINISHED GRADE ("CAUTION - BURIED ELECTRIC LINE BELOW").
- 6 STUB UP SPARE CONDUITS INTO BUILDING MINIMUM 6" A.F.F. AND CAP.
- 7 STUB UP TELEPHONE/DATA CONDUITS INTO BUILDING MINIMUM 12" A.F.F. AND CAP.
- 8 SEE DIAGRAM 3/E0-02 FOR PANELBOARD GROUNDING AND BONDING DETAILS.
- 9 NON-FUSED SAFETY SWITCH; 30A/2P, 240V, HEAVY DUTY IN NEMA 3R ENCLOSURE (PROVIDE SQUARE D CLASS 3110 OR APPROVED EQUAL).
- 10 MANUAL MOTOR SWITCH; 30A/3P, 230V, NON-REVERSING IN NEMA 1 ENCLOSURE WITH LOCKABLE TOGGLE GUARD (PROVIDE SQUARE D CLASS 2510 TYPE K OR APPROVED EQUAL). SWITCH SHALL DISCONNECT ALL POWER AND CONTROL WIRING TO INDOOR UNIT "AC/1".
- 11 MASTER SWITCH CONTROL FOR EXTERIOR RECEPTACLE OUTLET (PROVIDE LABEL).
- 12 EXTERIOR LIGHTING MAINTENANCE SWITCH (PROVIDE LABEL). SEE EXTERIOR LIGHTING CONTROL WIRING DIAGRAM 1/E0-02.
- 13 OUTDOOR PHOTOSENSOR FOR CONTROL OF EXTERIOR LIGHTING FIXTURES (SEE EXTERIOR LIGHTING CONTROL WIRING DIAGRAM 1/E0-02 FOR DETAILS). MOUNT TO ROOF LINE FASCIA ON NORTH SIDE OF BUILDING.
- 14 EMPTY 1" SCHEDULE 80 PVC UNDERGROUND CONDUIT STUB-OUT WITH PULL STRING FOR SITE LIGHTING BRANCH CIRCUIT (CONDUCTORS PROVIDED BY OTHERS). TOP OF CONDUIT SHALL BE BURIED MINIMUM 36" BELOW FINISHED GRADE. PROVIDE CONTINUOUS DETECTABLE RED WARNING TAPE IN BACKFILL 12" BELOW FINISHED GRADE ("CAUTION - BURIED ELECTRIC LINE BELOW").

PANELBOARD "ACS" SCHEDULE						
LOCATION:		ADMINISTRATION CONTACT STATION		TYPE:		240/120V, 1φ, 3W
SOURCE:		BATH HOUSE PANEL "BH"		MAIN BREAKER:		60A
DESCRIPTION	BRKR SIZE	CIR NO	A ^b	B ^b	BRKR SIZE	DESCRIPTION
SPLIT SYSTEM AIR COND. OUTDOOR & INDOOR UNITS	15A	1	1	1	20A	REC - GENERAL INTERIOR
		3	1	1	20A	REC - SURGE PROTECTED
LTG - INTERIOR	20A	5	1	1	20A	REC - TELEPHONE EQPM.
LTG - EXTERIOR	20A	7	1	1	20A	REC - EXTERIOR
EXTERIOR LED SIGN	20A	9	1	1	20A	SPARE
SPARE	20A	11	1	1	20A	SPARE
SPARE	20A	13	1	1	20A	SPARE
(RESERVED FOR SITE LTG.)	20A	15	1	1	20A	SPARE
(RESERVED FOR SITE LTG.)	20A	17	1	1	20A	SPARE

PANEL NOTES:

1. PANELBOARD ASSEMBLY SHALL BE SUITABLE FOR USE AS SERVICE EQUIPMENT.
2. UL SHORT CIRCUIT CURRENT RATING OF PANELBOARD AND UL INTERRUPT RATINGS OF ALL CIRCUIT BREAKERS WITHIN PANELBOARD SHALL BE COORDINATED WITH AVAILABLE FAULT CURRENT AT PANELBOARD PRIOR TO PURCHASING EQUIPMENT. COORDINATE WITH ELECTRIC UTILITY AND SITE ENGINEER.
3. ALL CIRCUIT BREAKERS WITHIN PANELBOARD SHALL BE HACR RATED.

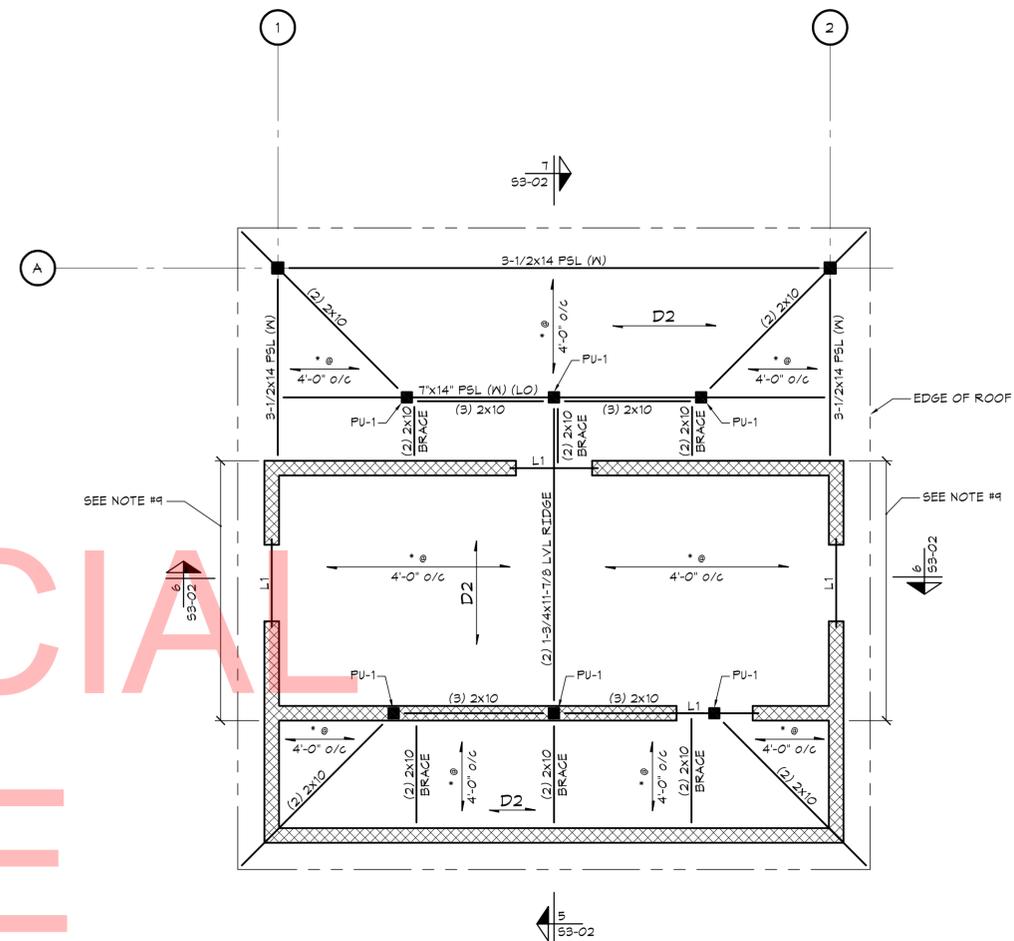


BLDG #3: FOUNDATION PLAN

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

NOTES:

1. TOP OF SLAB EL. = DATUM EL. (0.00') UNLESS NOTED OTHERWISE THIS (...).
2. SEE PLAN FOR BOTTOM OF FOOTING ELEVATION BELOW DATUM ELEVATION.
3. TDS INDICATES TURNED DOWN SLAB. SEE TYPICAL DETAIL ON DRAWING 50-04.
4. COORDINATE ALL UNDER SLAB PIPING WITH ARCHITECTURAL/MECHANICAL DRAWINGS.
5. COORDINATE ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS PRIOR TO BUILDING LAYOUT.
6. S1 INDICATES 4" CONCRETE SLAB ON GRADE w/ 6x6-W1.4x1.4 WNF OVER 6" CRUSHED STONE.
7. S2 INDICATES 4" CONCRETE SLAB ON GRADE (6% AIR ENTRAINMENT) w/ 6x6-W1.4x1.4 WNF OVER 6" CRUSHED STONE.
8. S3 INDICATES 4" CONCRETE SLAB ON GRADE w/ 6x6-W1.4x1.4 WNF w/ 4" THICK HOUSEKEEPING PAD. SEE TYPICAL DETAIL ON DWG. 50-04 FOR ADDITIONAL INFORMATION.
9. 'FD' INDICATES FLOOR DRAIN. SLOPE CONCRETE TO DRAIN AS REQUIRED.

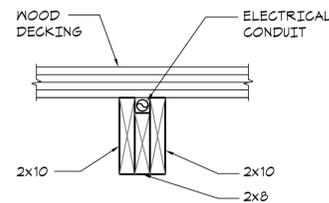


BLDG #3: ROOF FRAMING PLAN

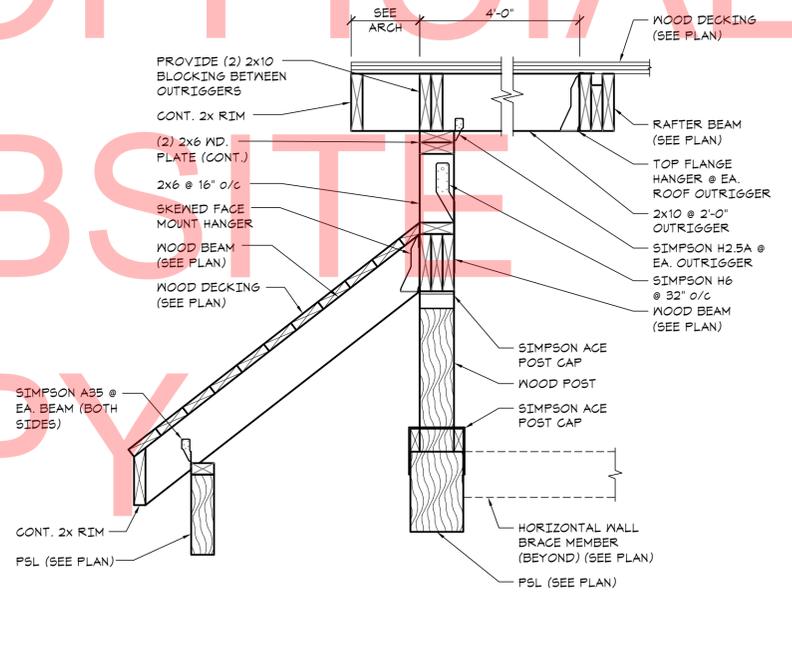
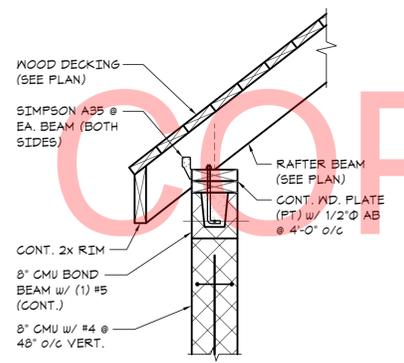
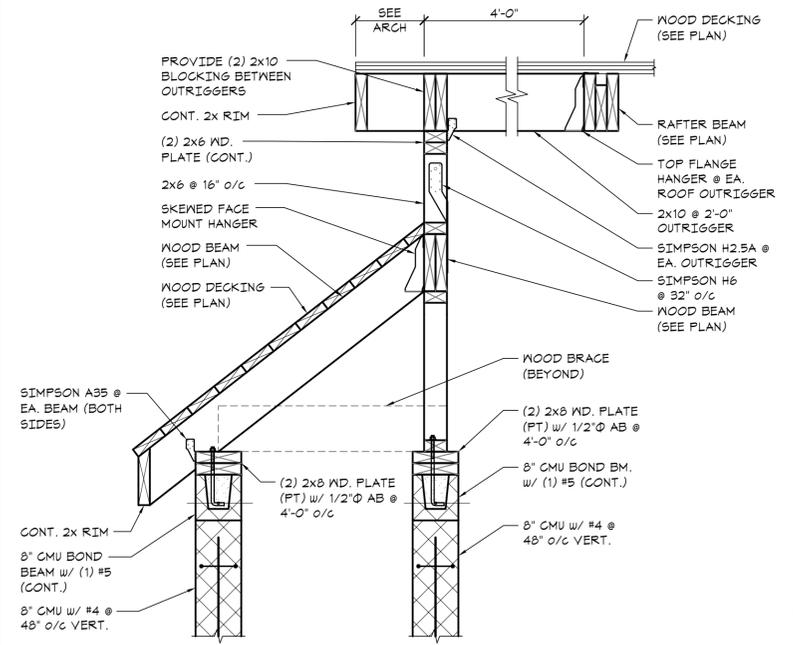
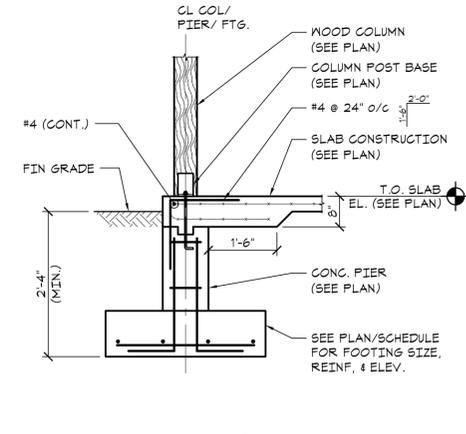
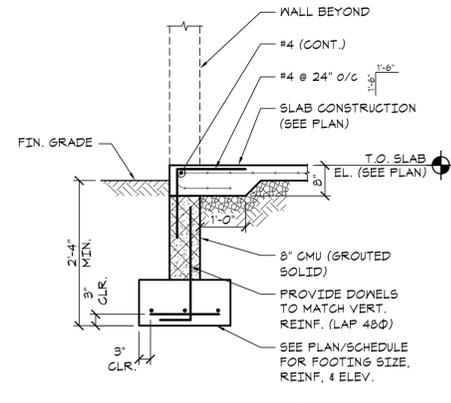
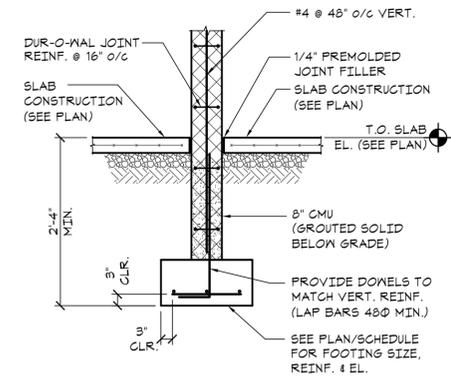
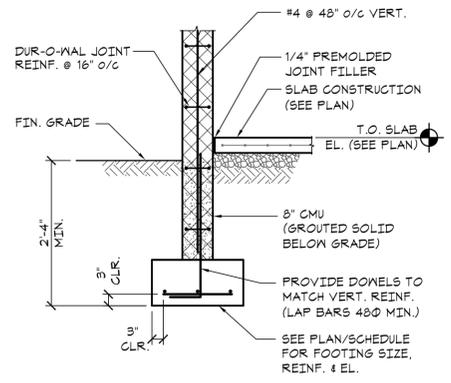
SCALE: 1/4" = 1'-0"

NOTES:

1. T.O. CMU WALL EL. = (8'-0") ABOVE DATUM EL.
2. S2 INDICATES 2x12 STRUCTURAL T&G WOOD DECKING.
3. 'L1' INDICATES (2) 6x3-1/2x3/8 STEEL ANGLE (GALVANIZED & PAINTED).
4. 'R' INDICATES (2) 2x10 + 2x8 RAFTER ASSEMBLY. SEE TYPICAL DETAIL ON DWG. 50-01.
5. 'PT' INDICATES PRESSURE TREATED LUMBER.
6. 'W' INDICATES PSL MEMBER TO BE WOLMANIZED.
7. PROVIDE HORIZONTAL (2) 2x10 WALL BRACES AS SHOWN ON PLAN.
8. 'PU-1' INDICATES 6x6 WOOD POST-UP.
9. PROVIDE 3-1/2x1-1/4 PSL (W) CONT. WOOD PLATE ON TOP OF CMU WALL.

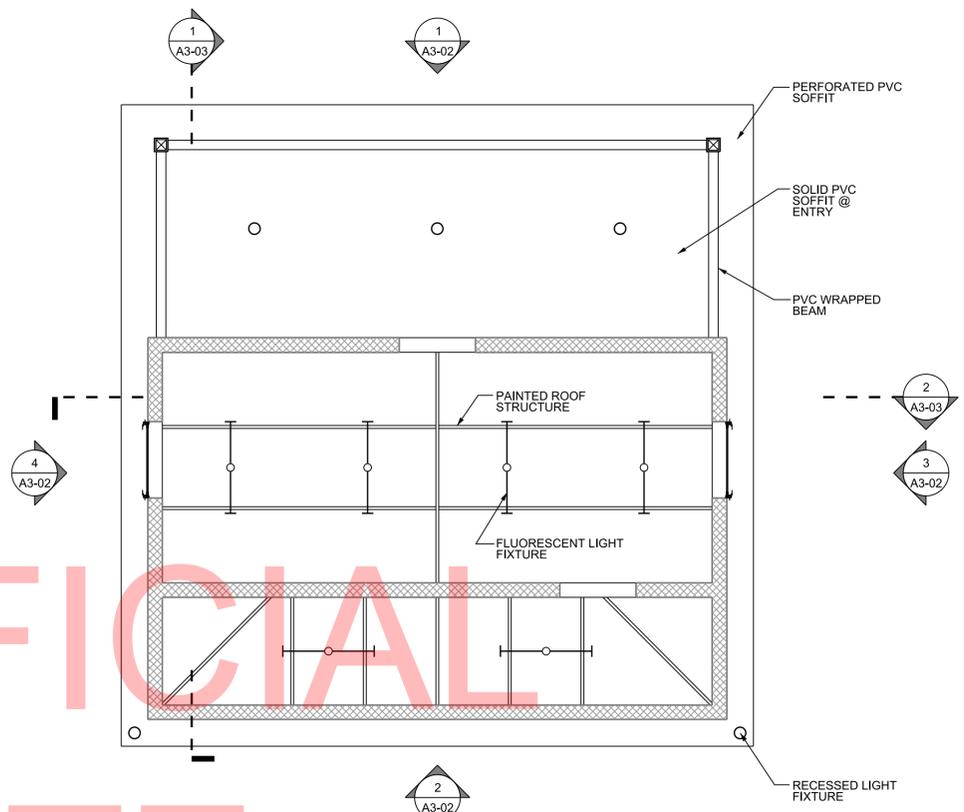


Typical (2) 2x10 + 2x8 Rafter Assembly

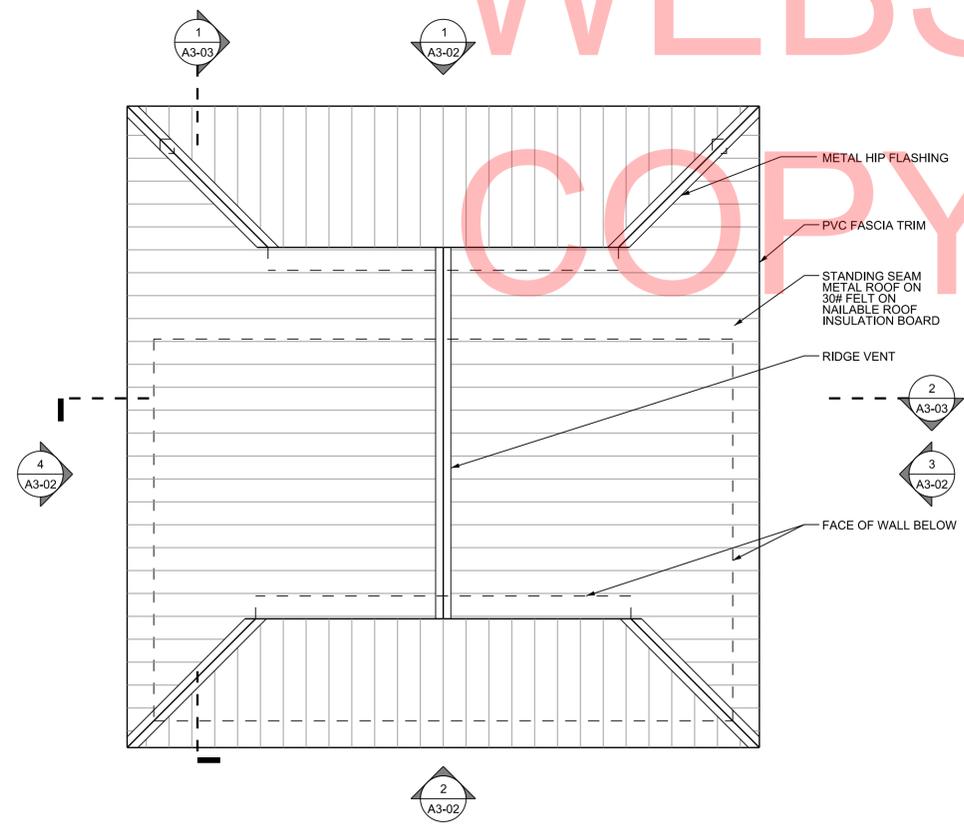


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WEBSITE
COPY

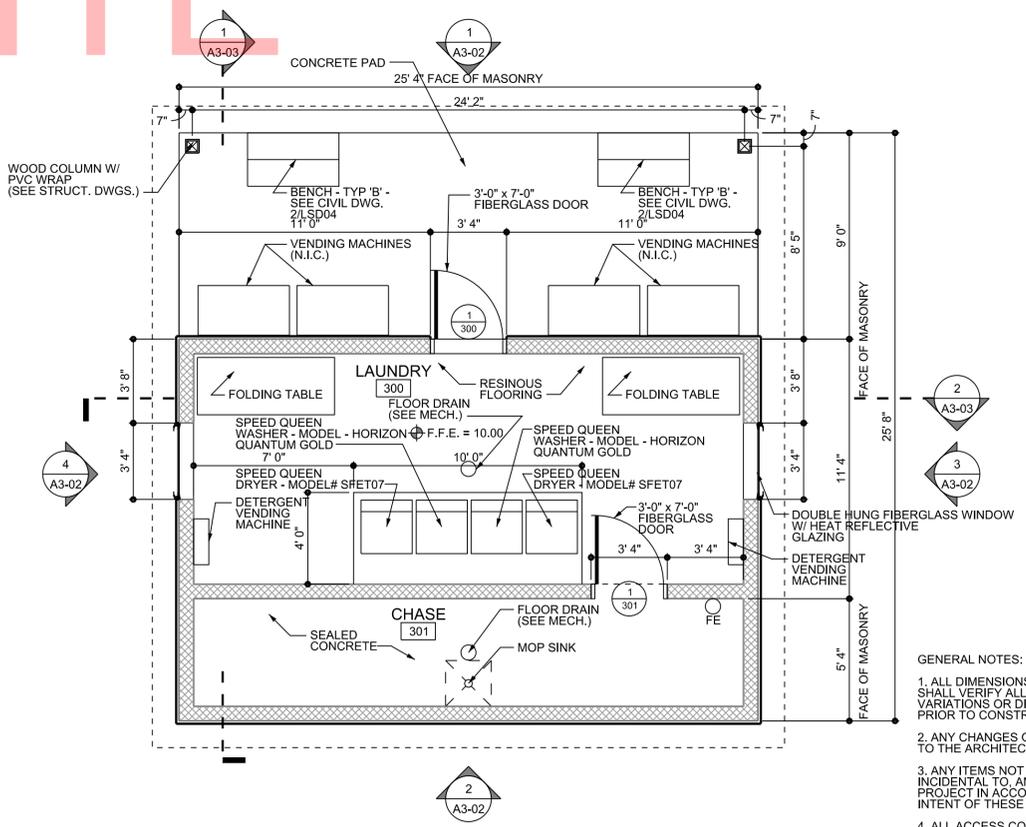
UNOFFICIAL
WEBSITE
COPY



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



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



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

- GENERAL NOTES:**
1. ALL DIMENSIONS ARE TO FACE OF CMU UNLESS NOTED OTHERWISE. THE CONTRACTOR SHALL VERIFY ALL SITE CONDITIONS AND DIMENSIONS PRIOR TO CONSTRUCTION. ANY VARIATIONS OR DISCREPANCIES SHALL BE BROUGHT TO THE ARCHITECT'S ATTENTION PRIOR TO CONSTRUCTION.
 2. ANY CHANGES OR FIELD ALTERATIONS TO THESE DESIGN DRAWINGS SHALL BE BROUGHT TO THE ARCHITECT'S ATTENTION FOR REVIEW PRIOR TO CONSTRUCTION.
 3. ANY ITEMS NOT SPECIFICALLY SHOWN ON THE DRAWINGS, BUT ARE REASONABLY INCIDENTAL TO, AND NECESSARY FOR THE SATISFACTORY COMPLETION OF THE PROJECT IN ACCORDANCE WITH INDUSTRY STANDARDS, ARE INCLUDED WITHIN THE INTENT OF THESE DRAWINGS.
 4. ALL ACCESS COMPONENTS TO COMPLY TO ANSI A117.1 THE AMERICANS WITH DISABILITIES ACT (ADA) AND THE STATE OF DELAWARE'S ARCHITECTURAL ACCESSIBILITY BOARD.
 5. ALL OPENINGS ARE TO HAVE STORM PANELS. REFER TO SPECIFICATIONS AND DETAIL 12/A0-03 FOR ADDITIONAL INFORMATION.
 6. REFER TO DRAWING A0-04 / CD176 STANDARD DETAILS FOR TYPICAL DETAILS.
 7. REFER TO DRAWING A0-03 / CD175 FOR DOOR SCHEDULE AND DETAILS.

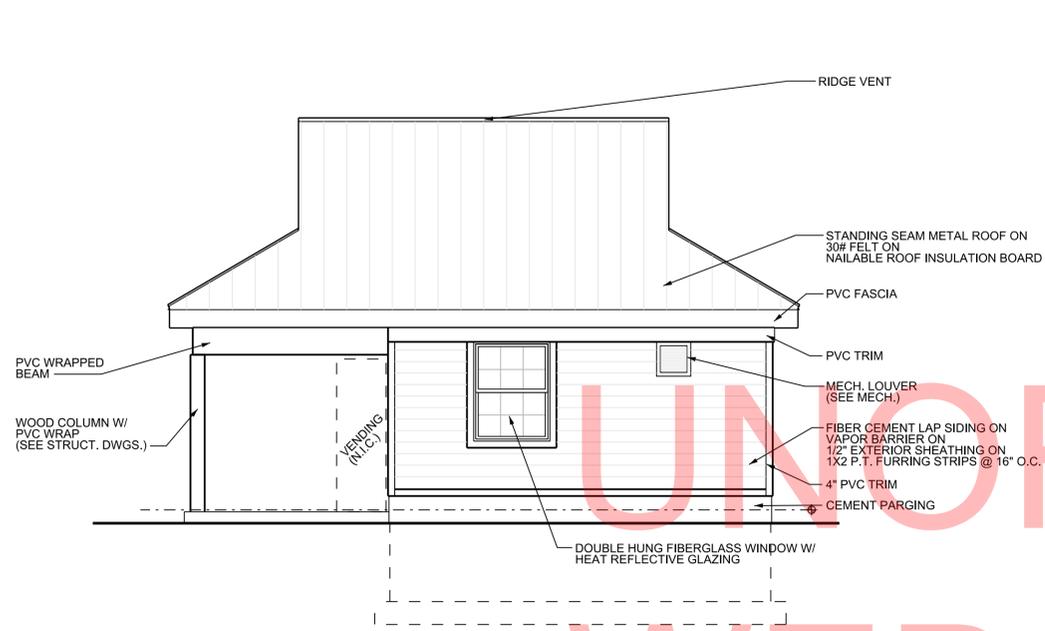
ADDENDUMS / REVISIONS	

SCALE AS NOTED

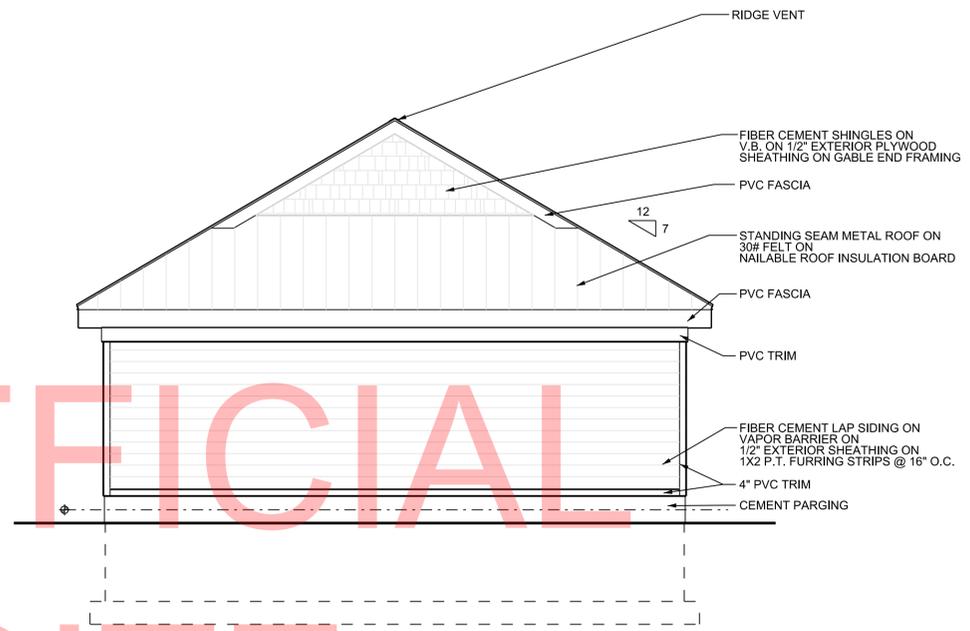
**INDIAN RIVER INLET
PARK ENHANCEMENTS**

CONTRACT	BRIDGE NO.	X
T200507303	DRAWN BY:	JAA
COUNTY	CHECKED BY:	WJS
SUSSEX		

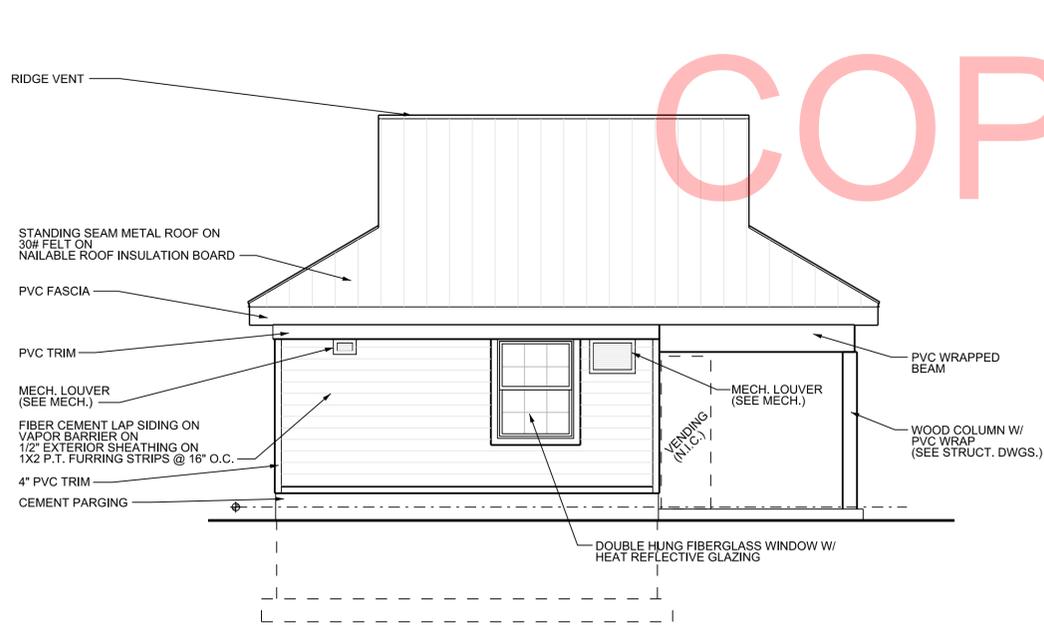
**RV LAUNDRY FACILITY -
BUILDING 3
PLANS**



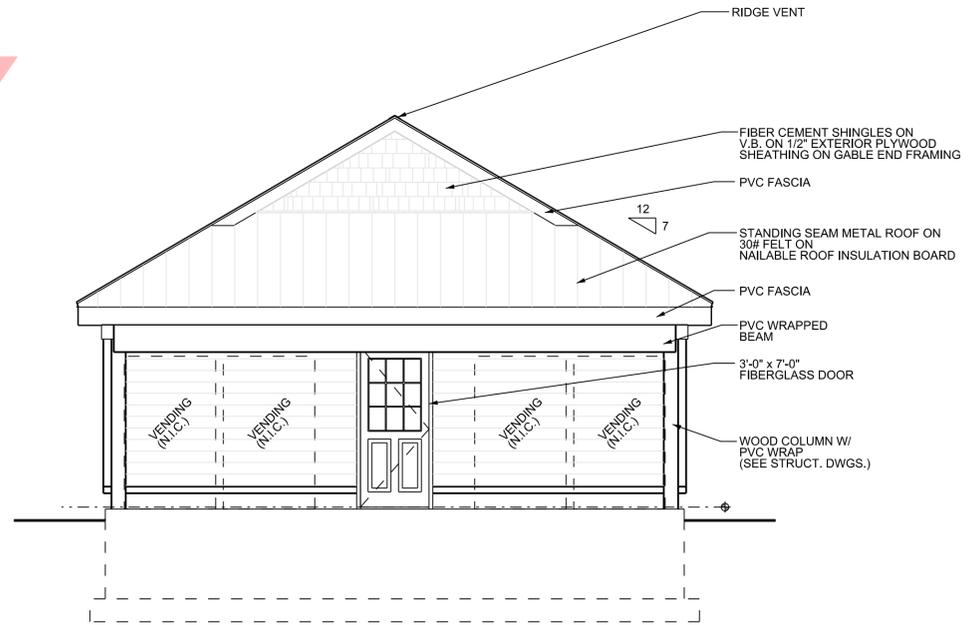
4 WEST ELEVATION
SCALE: 1/4" = 1'-0"



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

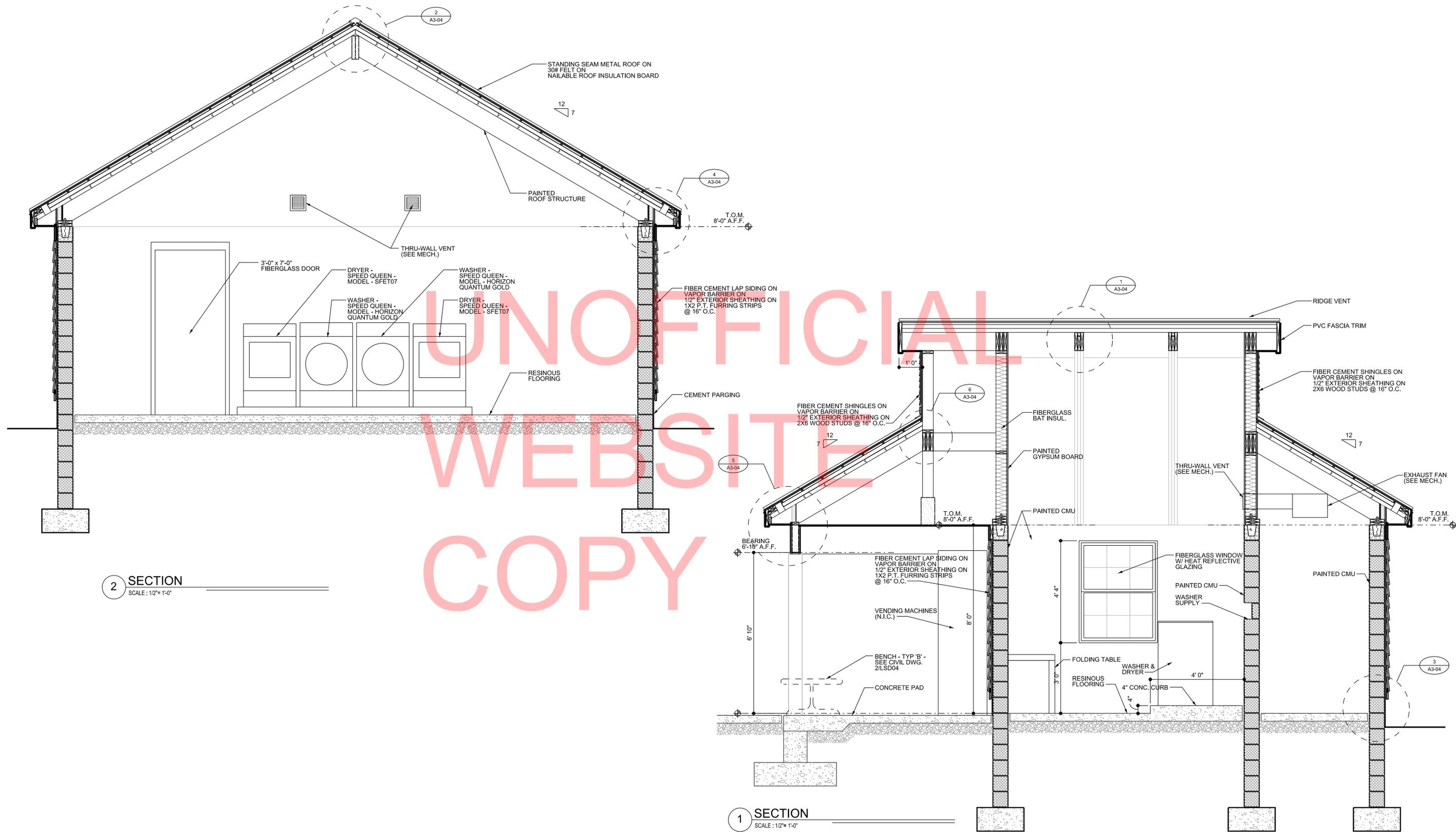


3 EAST ELEVATION
SCALE: 1/4" = 1'-0"



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

GENERAL NOTES:
1. ALL OPENINGS ARE TO HAVE STORM PANELS. REFER TO SPECIFICATIONS AND DETAIL 12/A0-03 FOR ADDITIONAL INFORMATION.



2 SECTION
SCALE: 1/2" = 1'-0"

1 SECTION
SCALE: 1/2" = 1'-0"

UNOFFICIAL
WEBSITE
COPY

ADDENDUMS / REVISIONS

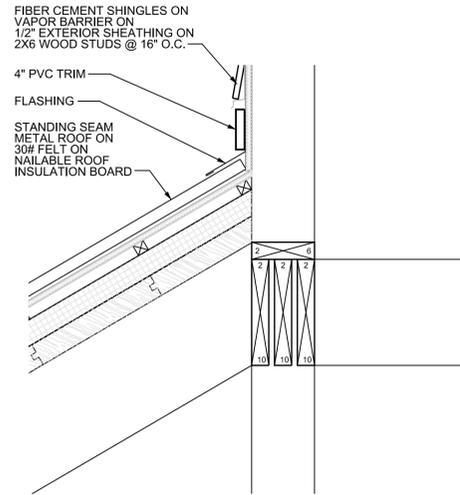
SCALE AS NOTED

**INDIAN RIVER INLET
PARK ENHANCEMENTS**

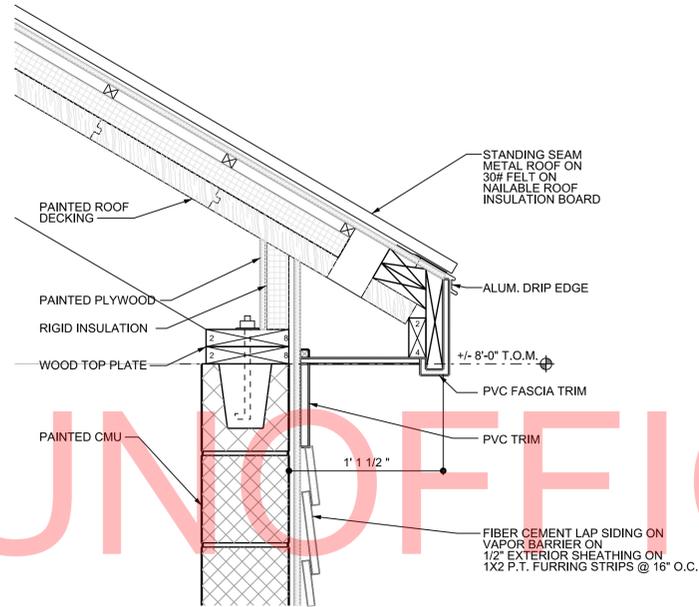
CONTRACT	BRIDGE NO.	X
T200507303	DRAWN BY:	JAA
COUNTY	CHECKED BY:	WJS
SUSSEX		

RV LAUNDRY FACILITY -
BUILDING 3
SECTIONS

SHEET NO.	CD218
TOTAL SHTS.	282

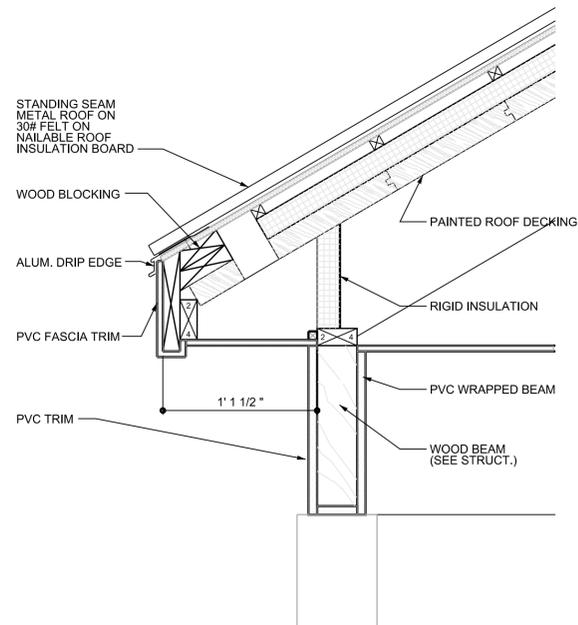


6 DETAIL
SCALE: 1 1/2"= 1'-0"

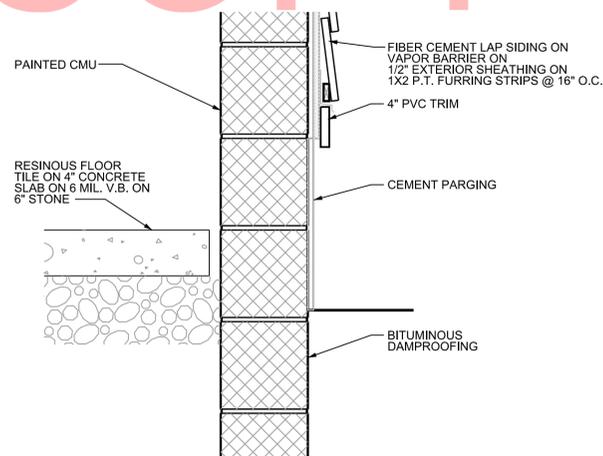


4 DETAIL
SCALE: 1 1/2"= 1'-0"

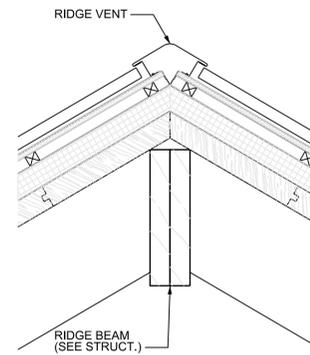
UNOFFICIAL
WEBSITE
COPY



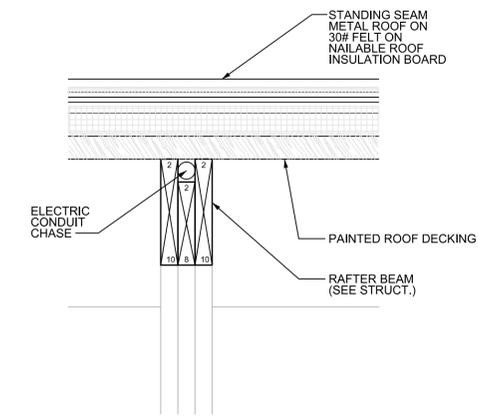
5 DETAIL
SCALE: 1 1/2"= 1'-0"



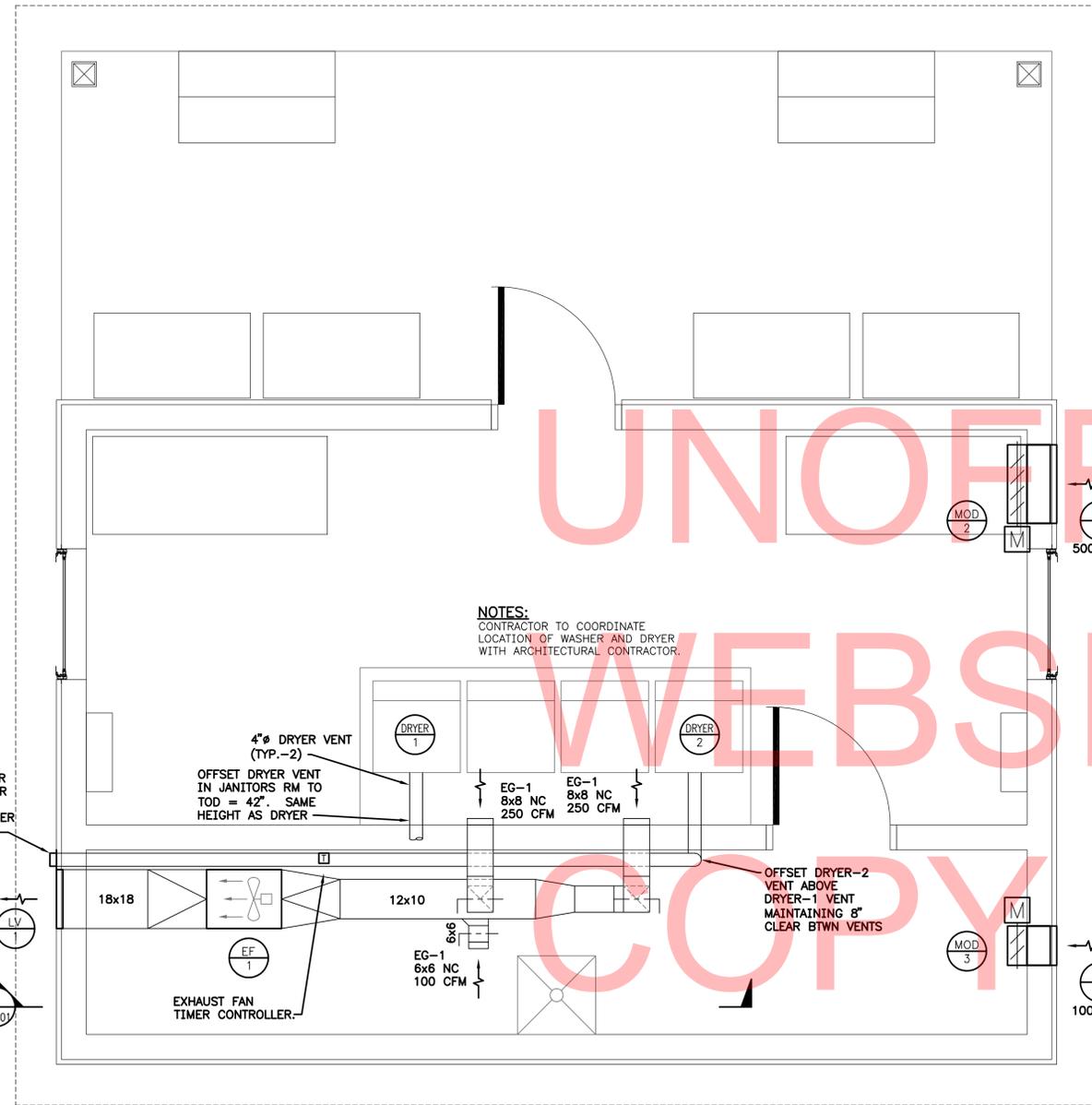
3 DETAIL
SCALE: 1 1/2"= 1'-0"



2 DETAIL
SCALE: 1 1/2"= 1'-0"



1 DETAIL
SCALE: 1 1/2"= 1'-0"



1 DUCTWORK PLAN
SCALE: 1/2"=1'-0"

NOTES:
CONTRACTOR TO COORDINATE
LOCATION OF WASHER AND DRYER
WITH ARCHITECTURAL CONTRACTOR.

4" DRYER VENT
(TYP.-2)
OFFSET DRYER VENT
IN JANITORS RM TO
TOD = 42". SAME
HEIGHT AS DRYER

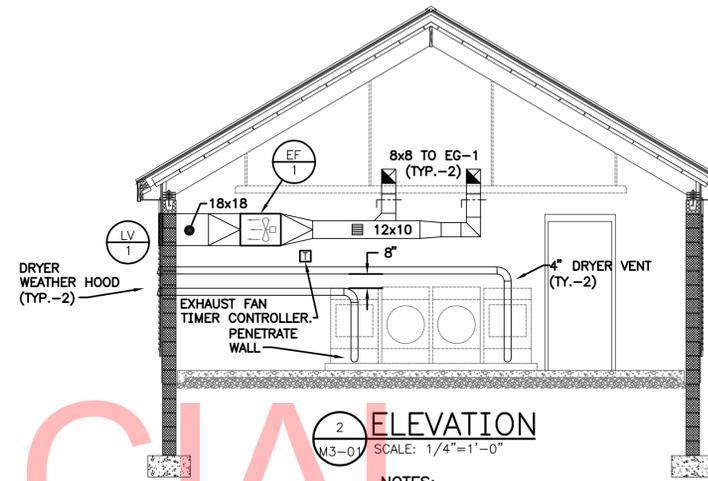
OFFSET DRYER-2
VENT ABOVE
DRYER-1 VENT
MAINTAINING 8"
CLEAR BTWN VENTS

TERMINATE DRYER
VENT WITH DRYER
MANUFACTURER
PROVIDED WEATHER
HOOD. (TYP.-2)

EXHAUST FAN
TIMER CONTROLLER.

NOTES:

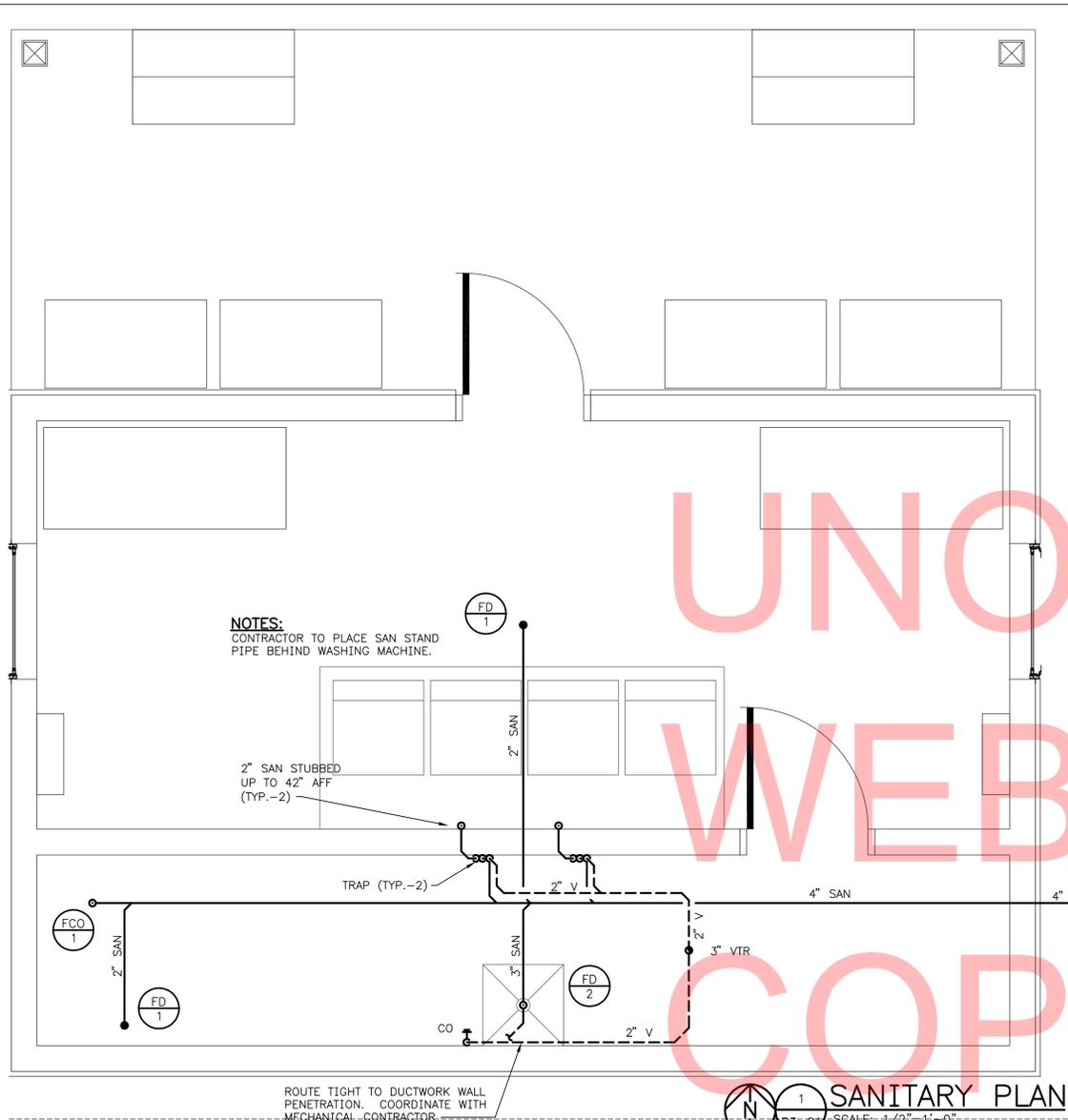
1. DRYER VENTS TO BE INSTALLED ACCORDING TO MANUFACTURERS INSTRUCTIONS.
2. DRYER VENTING SHOWN IS FOR (2) ELBOWS & UNDER 47' OF 4" DUCT WITH STANDARD WEATHER HOOD.
3. CONTRACTOR TO COORDINATE EXHAUST FAN TIMER CONTROLLER WITH ELECTRICAL & PLUMBING CONTRACTOR'S.



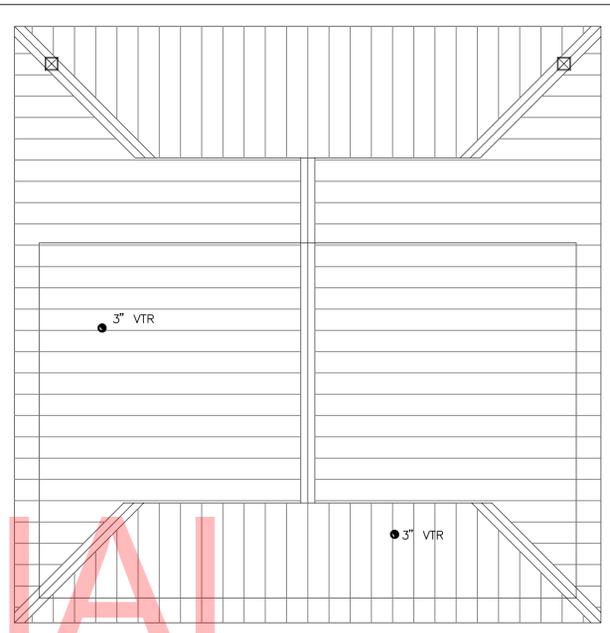
2 ELEVATION
SCALE: 1/4"=1'-0"

NOTES:
1. WASHER, DRYER, AND CEILING
SHOWN FOR REFERENCE. ITEMS
ARE LOCATED IN LAUNDRY ROOM.

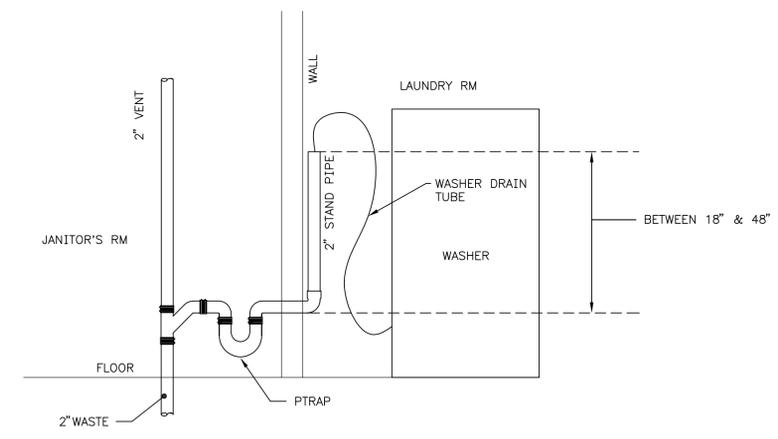
UNOFFICIAL
WEBSITE
COPY



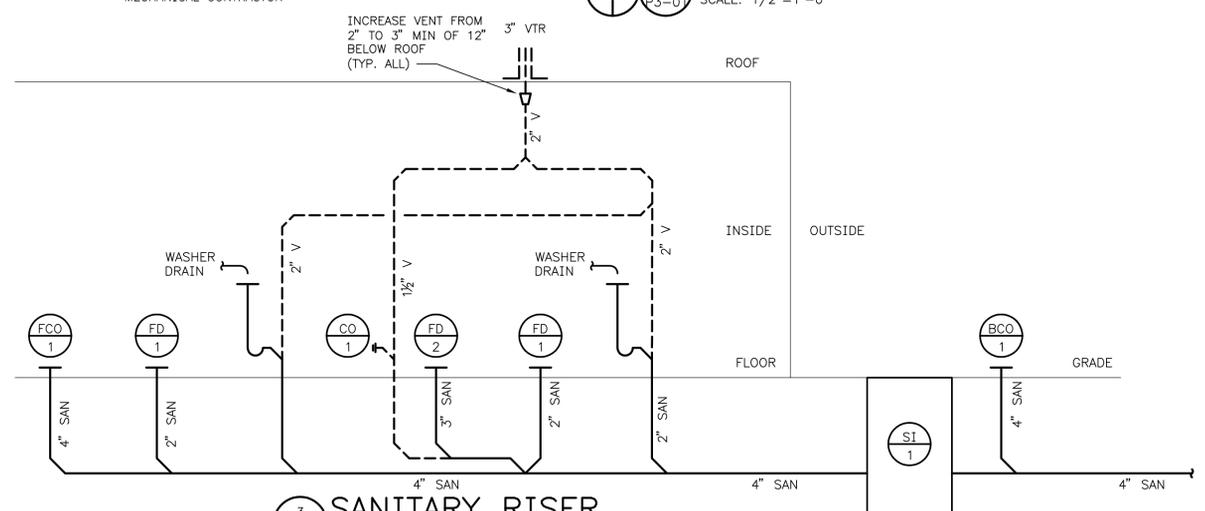
1 SANITARY PLAN
SCALE: 1/2"=1'-0"



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



4 WASHING MACHING DETAIL
SCALE: NONE



3 SANITARY RISER
SCALE: NONE

NOTES:
1. SEE DETAIL 6/P0-04 FOR JANITORS ROOM DRY VENT DETAIL.

ADDENDUMS / REVISIONS

SCALE AS NOTED

CONTRACT	BRIDGE NO.	X
T200507303	DRAWN BY:	MLF
COUNTY	CHECKED BY:	JRF
SUSSEX		

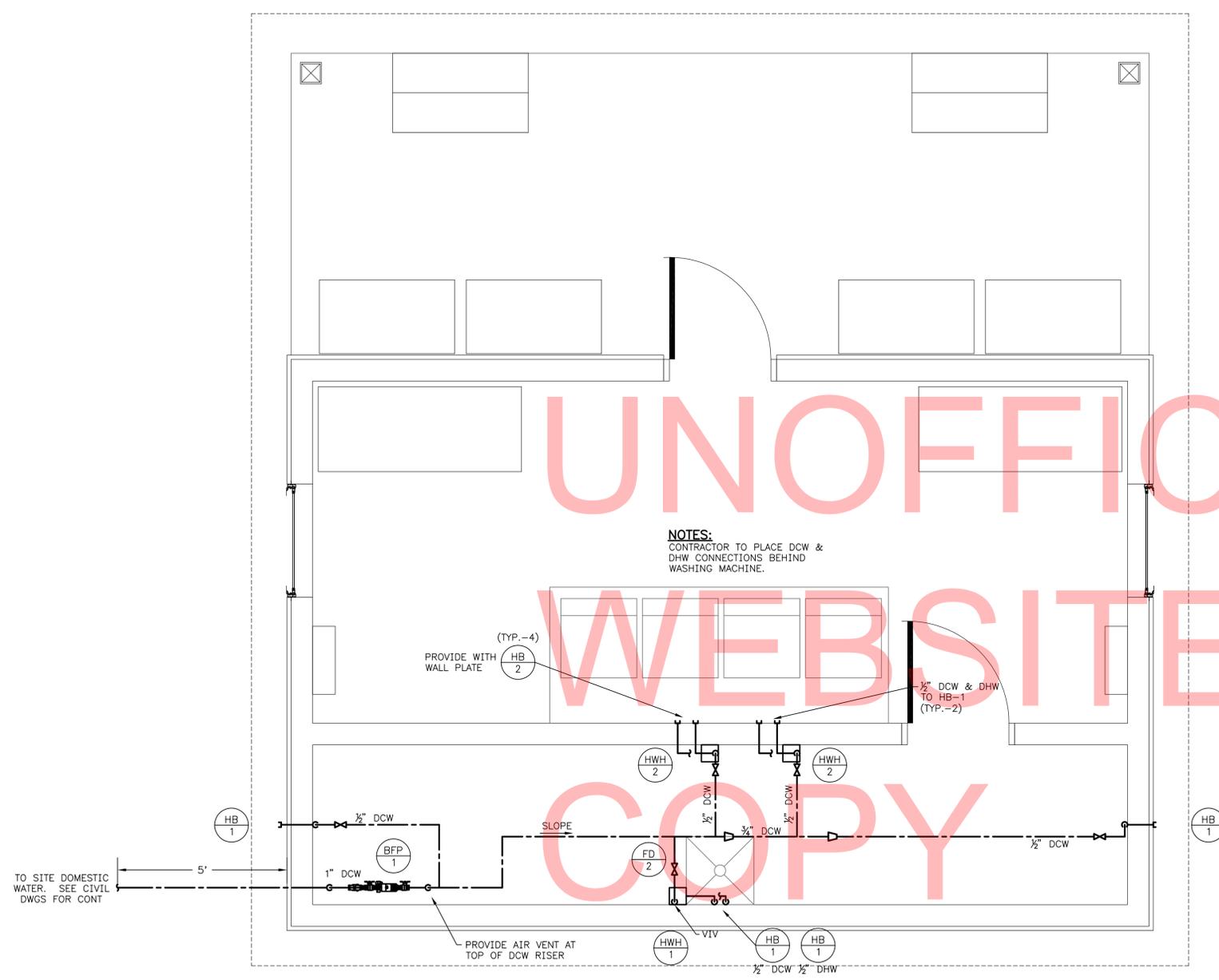
SHEET NO.	CD221
TOTAL SHTS.	CD282

P3-01

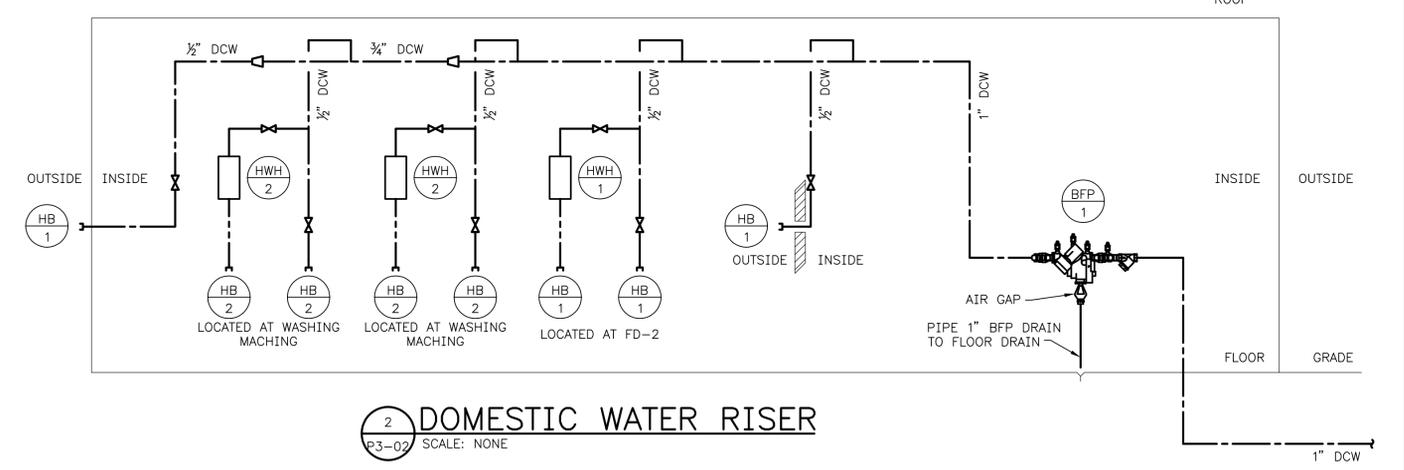
UNOFFICIAL
WEBSITE
COPY

- NOTES:**
1. REFER TO P0-01 FOR PLUMBING NOTES AND LEGEND
 2. SLOPE ALL PIPING TOWARDS SYSTEM DRAIN.
 3. CONTRACTOR TO PROVIDE SHUT OFF VALVE IN ALL FIXTURE BRANCHES. NOT SHOWN ON DRAWING FOR CLARITY.
 4. CONTRACTOR TO MANIFOLD HWH'S TOGETHER FOR DCW AND DHW.

NOTES:
CONTRACTOR TO PLACE DCW & DHW CONNECTIONS BEHIND WASHING MACHINE.



1 DOMESTIC WATER PLAN
P3-02 SCALE: 1/2"=1'-0"



2 DOMESTIC WATER RISER
P3-02 SCALE: NONE

ADDENDUMS / REVISIONS	

SCALE AS NOTED

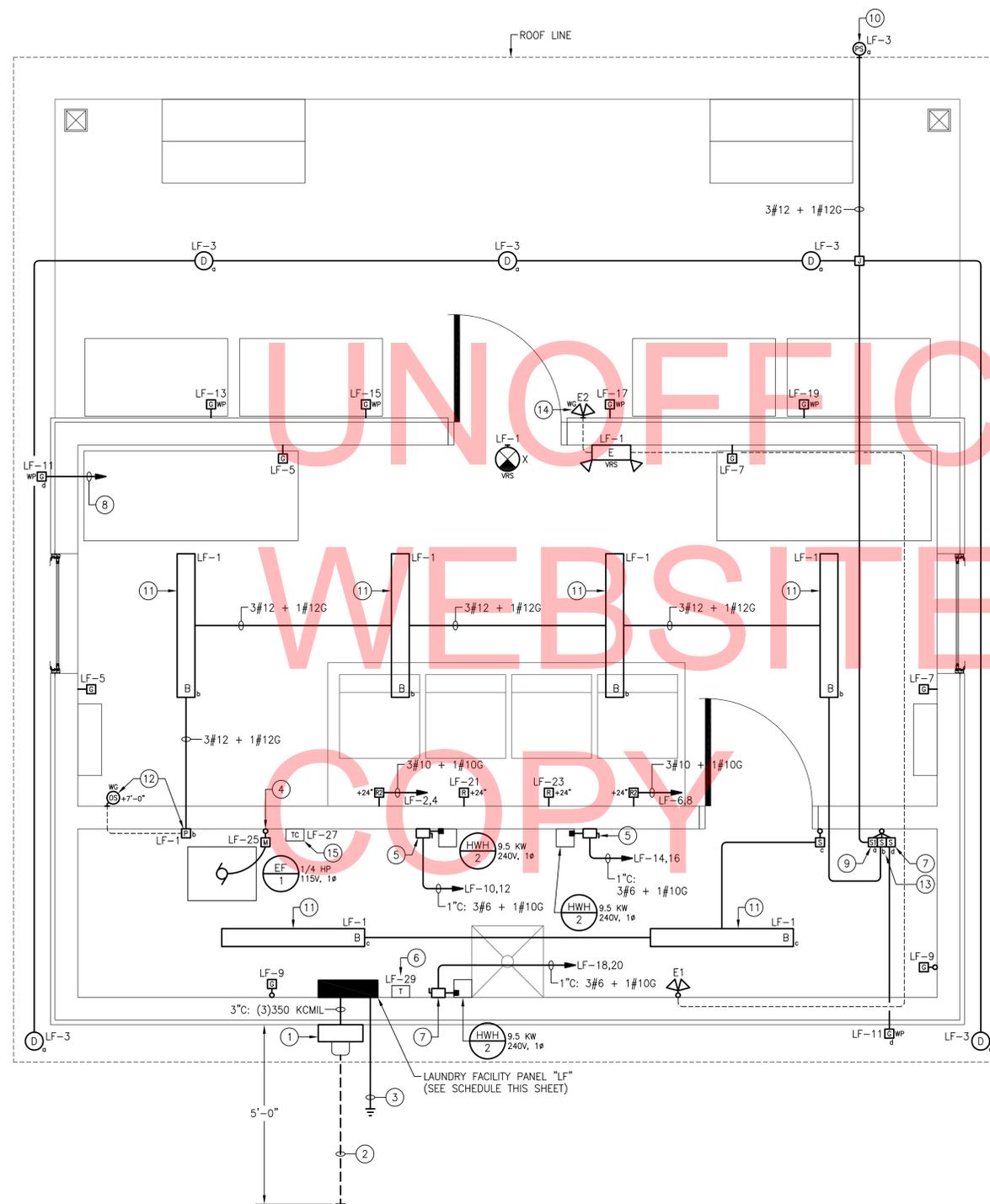
**INDIAN RIVER INLET
PARK ENHANCEMENTS**

CONTRACT	BRIDGE NO.	X
T200507303	DRAWN BY:	MLF
COUNTY	CHECKED BY:	JRF
SUSSEX		

**RV LAUNDRY FACILITY
BUILDING 3
PLUMBING PLANS (SHEET 2 OF 2)**

SHEET NO.	CD222
TOTAL SHTS.	CD282

P3-02



RV LAUNDRY FACILITY - ELECTRICAL PLAN
 SCALE: 1/2" = 1'-0"

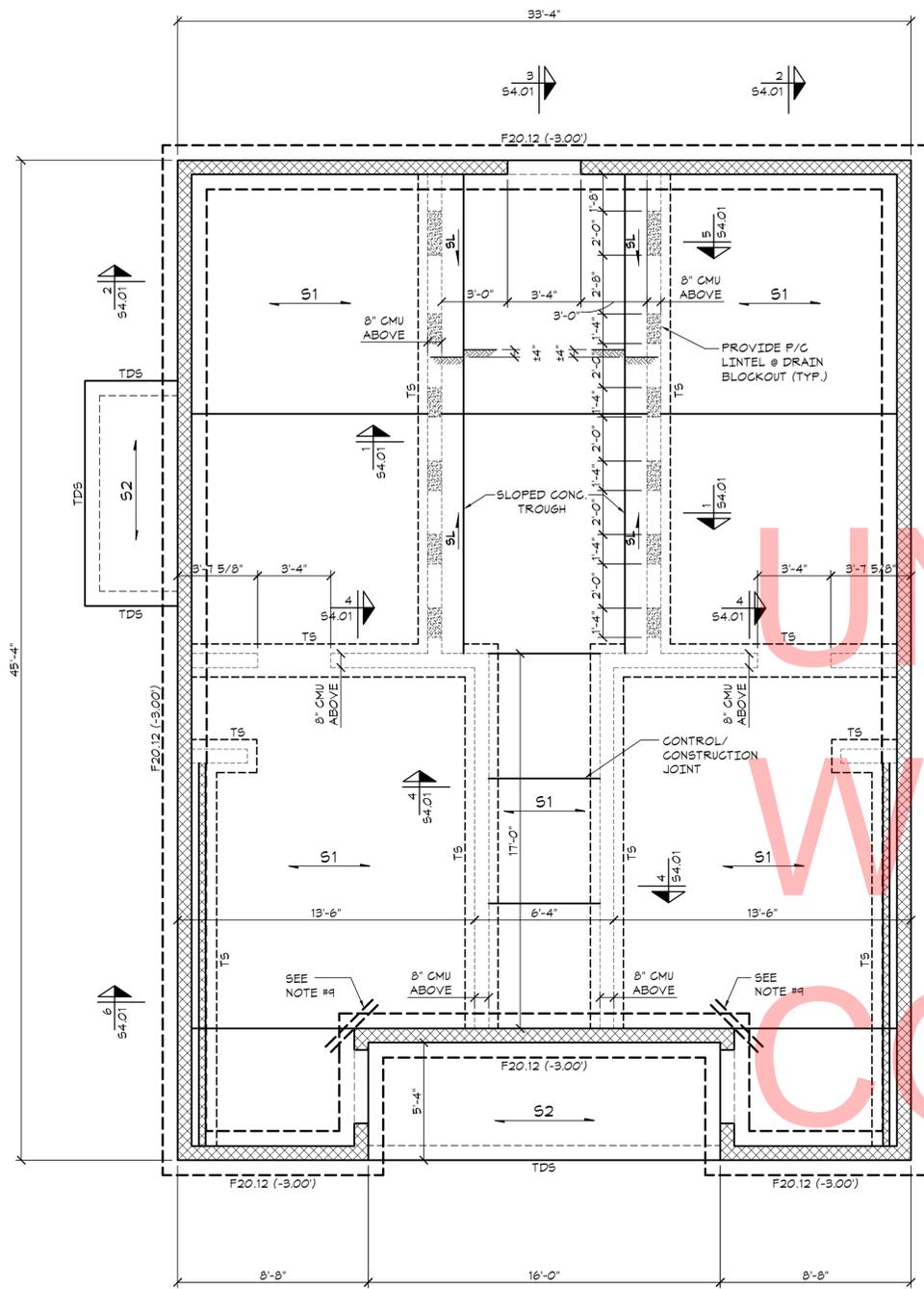
SHEET NOTES:

- 1 320A 1φ, 3W METER SOCKET PER UTILITY REQUIREMENTS (METER PROVIDED BY ELECTRIC UTILITY).
- 2 EMPTY 4" SCHEDULE 80 PVC UNDERGROUND CONDUIT STUB-OUT WITH PULL STRING FOR ELECTRICAL SERVICE TO BUILDING (CONDUCTORS PROVIDED BY OTHERS). TOP OF CONDUIT SHALL BE BURIED MINIMUM 36" BELOW FINISHED GRADE. PROVIDE CONTINUOUS DETECTABLE RED WARNING TAPE IN BACKFILL 12" BELOW FINISHED GRADE ("CAUTION - BURIED ELECTRIC LINE BELOW").
- 3 SEE DIAGRAM 3/E0-02 FOR PANELBOARD GROUNDING AND BONDING DETAILS.
- 4 SEE EXHAUST FAN WIRING DIAGRAM 2/E0-02.
- 5 ENCLOSED DISCONNECT SWITCH: 60A/3P, 600V IN NEMA 4X POLYCARBONATE ENCLOSURE WITH ROTARY HANDLE PADLOCKABLE IN "OFF" POSITION (PROVIDE SQUARE D CLASS 3110 "MD" SERIES OR APPROVED EQUAL).
- 6 CONTROL POWER TRANSFORMER (TRANSFORMER & LOW VOLTAGE CONTROL WIRING PROVIDED BY CONTROLS CONTRACTOR). PRIMARY CIRCUIT TO BE PROVIDED BY ELECTRICAL CONTRACTOR. NOTE: TRANSFORMER TO BE PROVIDED WITH FACTORY-INSTALLED PRIMARY AND SECONDARY FUSE BLOCKS WITH FUSES AS REQUIRED.
- 7 MASTER SWITCH CONTROL FOR EXTERIOR RECEPTACLE OUTLETS (PROVIDE LABEL).
- 8 TO TOGGLE SWITCH ADJACENT TO PANEL "LF" IN CHASE.
- 9 EXTERIOR LIGHTING MAINTENANCE SWITCH (PROVIDE LABEL). SEE EXTERIOR LIGHTING CONTROL WIRING DIAGRAM 1/E0-02.
- 10 OUTDOOR PHOTOSENSOR FOR CONTROL OF EXTERIOR LIGHTING FIXTURES (SEE EXTERIOR LIGHTING CONTROL WIRING DIAGRAM 1/E0-02 FOR DETAILS). MOUNT TO ROOF LINE FASCIA ON NORTH SIDE OF BUILDING.
- 11 SECURE LIGHTING FIXTURE TO UNDERSIDE OF ROOF JOISTS.
- 12 OCCUPANCY SENSOR & POWER RELAY PACK FOR CONTROL OF LAUNDRY ROOM LIGHTING FIXTURES. LOCATE POWER PACK RELAY IN CHASE. CONNECT PER MANUFACTURER'S WIRING DIAGRAM(S).
- 13 MASTER-OFF SWITCH FOR LAUNDRY ROOM LIGHTING FIXTURES (PROVIDE LABEL). CONNECT PER OCCUPANCY SENSOR MANUFACTURER'S WIRING DIAGRAM(S).
- 14 MOUNT EXTERIOR REMOTE HEADS 7'-0" A.F.F.
- 15 TIME CLOCK CONTROL FOR EXHAUST FAN EF/1 (TIME CLOCK & CONTROL WIRING TO EXHAUST FAN PROVIDED BY CONTROLS CONTRACTOR). POWER SUPPLY CIRCUIT TO BE PROVIDED BY ELECTRICAL CONTRACTOR.

PANELBOARD "LF" SCHEDULE						
LOCATION:	RV LAUNDRY FACILITY		TYPE:	240/120V, 1φ, 3W		
SOURCE:	UTILITY TRANSFORMER		MAIN BREAKER:	300A		
DESCRIPTION	BRKR SIZE	CIR NO	A ^b B ^b	CIR NO	BRKR SIZE	DESCRIPTION
LTG - INTERIOR	20A	1		2		
LTG - EXTERIOR	20A	3		4	30A	REC - DRYER
REC - LAUNDRY ROOM	20A	5		6	30A	REC - DRYER
REC - LAUNDRY ROOM	20A	7		8		
REC - CHASE	20A	9		10	50A	INSTANTANEOUS WATER HEATER
REC - EXTERIOR	20A	11		12		
REC - VENDING MACHINE	20A	13		14	50A	INSTANTANEOUS WATER HEATER
REC - VENDING MACHINE	20A	15		16		
REC - VENDING MACHINE	20A	17		18	50A	INSTANTANEOUS WATER HEATER
REC - VENDING MACHINE	20A	19		20		
REC - WASHER	20A	21		22	20A	SPARE
REC - WASHER	20A	23		24	20A	SPARE
EXHAUST FAN	15A	25		26	20A	SPARE
EXH. FAN TIME CLOCK CONTROL	15A	27		28	20A	SPARE
CONTROL POWER XFMR	20A	29		30	20A	SPARE

PANEL NOTES:

1. PANELBOARD ASSEMBLY SHALL BE SUITABLE FOR USE AS SERVICE EQUIPMENT.
2. UL SHORT CIRCUIT CURRENT RATING OF PANELBOARD AND UL INTERRUPT RATINGS OF ALL CIRCUIT BREAKERS WITHIN PANELBOARD SHALL BE COORDINATED WITH AVAILABLE FAULT CURRENT AT PANELBOARD PRIOR TO PURCHASING EQUIPMENT. COORDINATE WITH ELECTRIC UTILITY AND SITE ENGINEER.
3. ALL CIRCUIT BREAKERS WITHIN PANELBOARD SHALL BE HACR RATED.

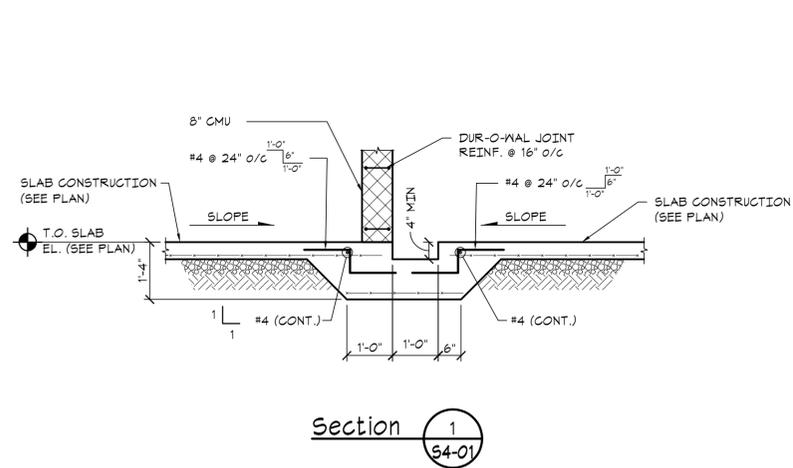


BLDG #4: FOUNDATION PLAN

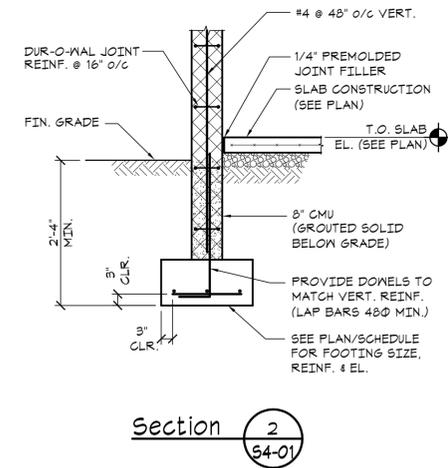
SCALE: 1/4" = 1'-0"

NOTES:

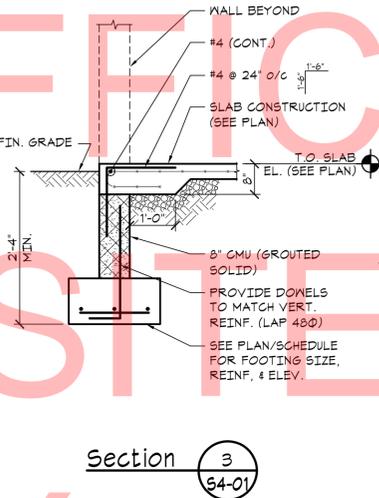
1. TOP OF SLAB EL. = DATUM EL. (0.00') UNLESS NOTED OTHERWISE THUS (...).
2. SEE PLAN FOR BOTTOM OF FOOTING ELEVATION BELOW DATUM ELEVATION.
3. 'TS' INDICATES THICKENED SLAB. SEE DETAIL ON DRAWING S4.01.
4. 'TDS' INDICATES TURNED DOWN SLAB. SEE TYPICAL DETAIL ON DRAWING S4.01.
5. 'r=r' INDICATES CMU WALL ABOVE.
6. COORDINATE ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS PRIOR TO BUILDING LAYOUT.
7. 'S1' INDICATES 4" CONCRETE SLAB ON GRADE W/ 6x6-M1.4x1.4 MNF OVER 6" CRUSHED STONE.
8. 'S2' INDICATES 4" CONCRETE SLAB ON GRADE (W/ 6% ENTRAINMENT) W/ 6x6-M1.4x1.4 MNF OVER 6" CRUSHED STONE.
9. PROVIDE (2) #3 x 3'-0" LG. CORNER BARS IN CONCRETE SLAB ON GRADE.



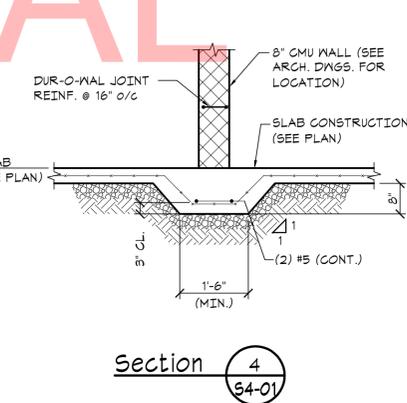
Section 1
S4.01



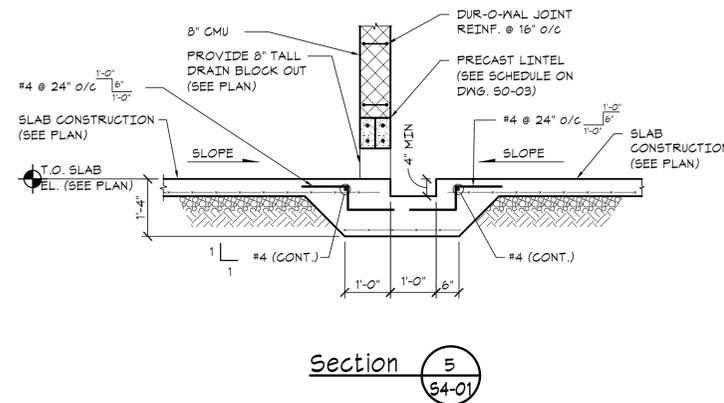
Section 2
S4.01



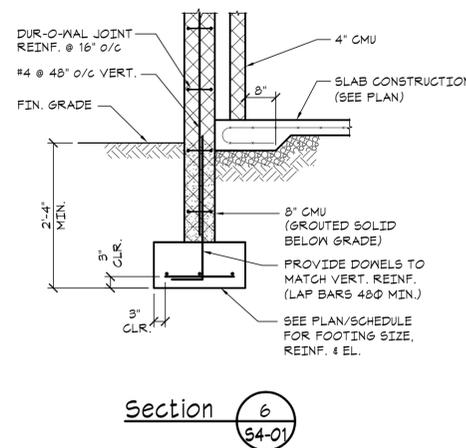
Section 3
S4.01



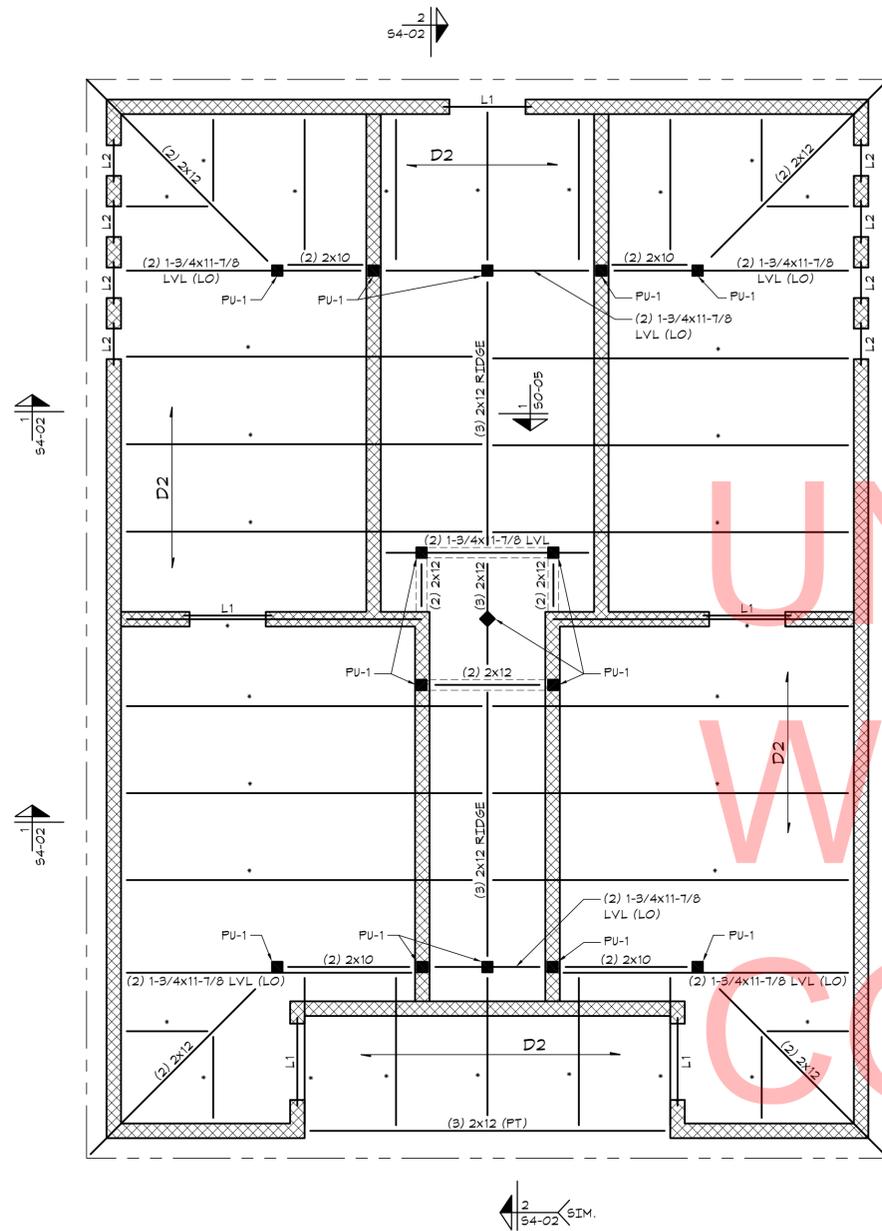
Section 4
S4.01



Section 5
S4.01



Section 6
S4.01

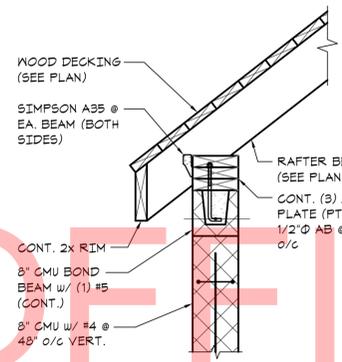


BLDG #4: ROOF FRAMING PLAN

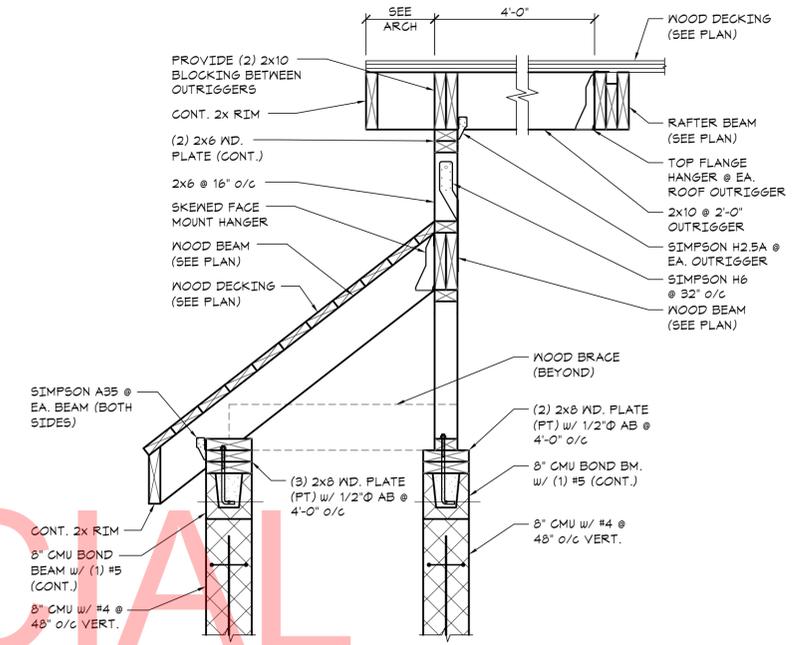
SCALE: 1/4" = 1'-0"

NOTES:

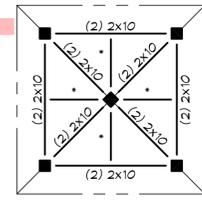
1. T.O. CMU WALL EL. = (8'-0") ABOVE DATUM EL.
2. -D2- INDICATES STRUCTURAL 2x12 T&G WOOD ROOF DECKING.
3. 'L1' INDICATES (2) L6x3-1/2x3/8 (LLV) (GALVANIZED & PAINTED).
4. "*" INDICATES (2) 2x10 w/ 2x8 WOOD RAFTER ASSEMBLY. SEE TYPICAL DETAIL ON DWG. S4-02.
5. PROVIDE TRIPLE JAMB STUDS @ ALL PSL, GLB & GIRDER TRUSS BEARING LOCATIONS UNLESS NOTED OTHERWISE.
6. PROVIDE MINIMUM (2) JAMB STUDS @ EACH END OF HEADER UNLESS NOTED OTHERWISE.
7. 'PU-1' INDICATES 4x4 WOOD POST UP.



Section 1
64-02



Section 2
64-02

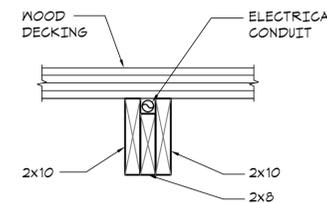


PARTIAL HIGH ROOF FRAMING PLAN

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

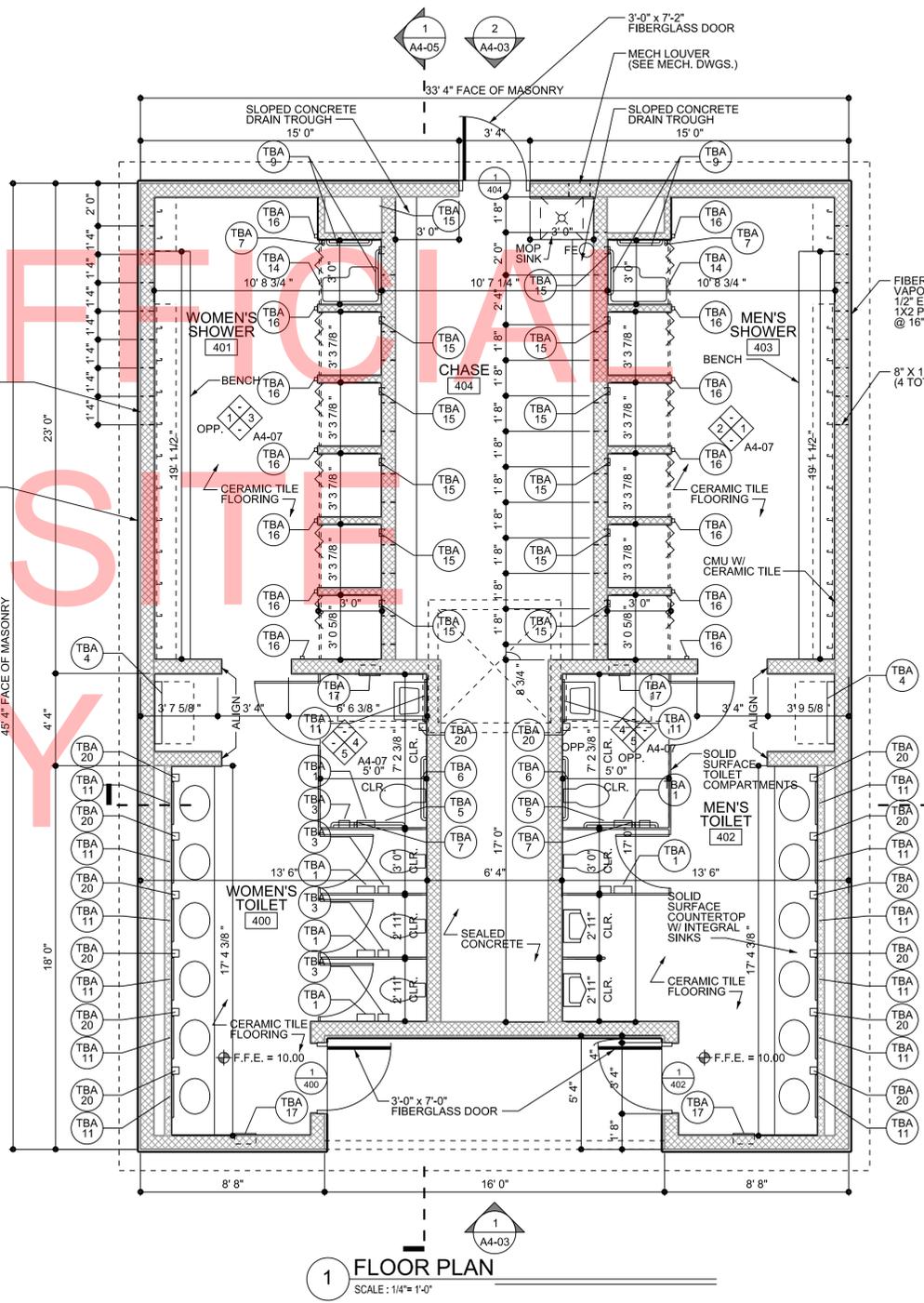
NOTES:

1. RAFTER BEARING EL. = () ABOVE DATUM EL.
2. -D2- INDICATES 2x12 T&G WOOD ROOF DECKING.
3. 'L1' INDICATES LINTEL. SEE SCHEDULE ON DRAWING S0-04 FOR ADDITIONAL INFORMATION.
4. "*" INDICATES (2) 2x10 w/ 2x8 WOOD RAFTER ASSEMBLY. SEE TYPICAL DETAIL ON DWG. S4-02.
5. PROVIDE TRIPLE JAMB STUDS @ ALL PSL, GLB & GIRDER TRUSS BEARING LOCATIONS UNLESS NOTED OTHERWISE.
6. PROVIDE MINIMUM (2) JAMB STUDS @ EACH END OF HEADER UNLESS NOTED OTHERWISE.



Typical (2) 2x10 + 2x8 Rafter Assembly

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COPY

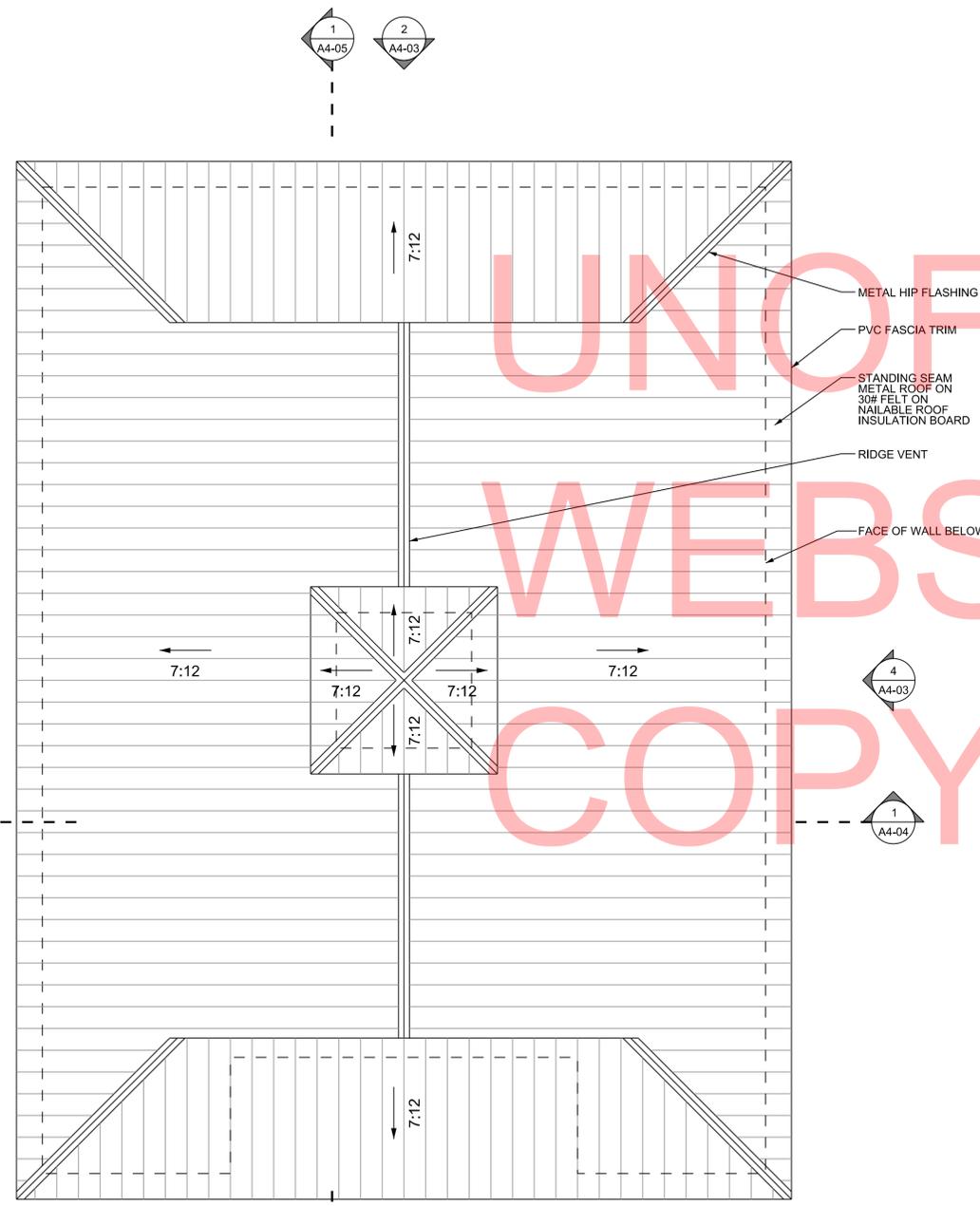


- ACCESSORIES LEGEND:**
- (TBA 1) TOILET TISSUE DISPENSER
 - (TBA 2) NOT USED
 - (TBA 3) SANITARY NAPKIN DISPOSAL - SURFACE MOUNTED
 - (TBA 4) DIAPER CHANGING STATION
 - (TBA 5) GRAB BAR, 42", STRAIGHT
 - (TBA 6) GRAB BAR, 36", STRAIGHT
 - (TBA 7) GRAB BAR, 18", STRAIGHT
 - (TBA 8) GRAB BAR, 48", STRAIGHT
 - (TBA 9) GRAB BAR, 24", STRAIGHT
 - (TBA 10) GRAB BAR, 16", STRAIGHT
 - (TBA 11) MIRROR UNIT, 24" X 36"
 - (TBA 12) SHOWER CURTAIN ROD
 - (TBA 13) SHOWER CURTAIN
 - (TBA 14) FOLDING SHOWER SEAT
 - (TBA 15) SOAP DISH
 - (TBA 16) ROB HOOK
 - (TBA 17) WARM-AIR HAND DRYER
 - (TBA 18) UNDERLAVATORY GUARD
 - (TBA 19) MOP AND BROOM HOLDER
 - (TBA 20) SOAP DISPENSER
 - (TBA 21) CLOTHES HOOK

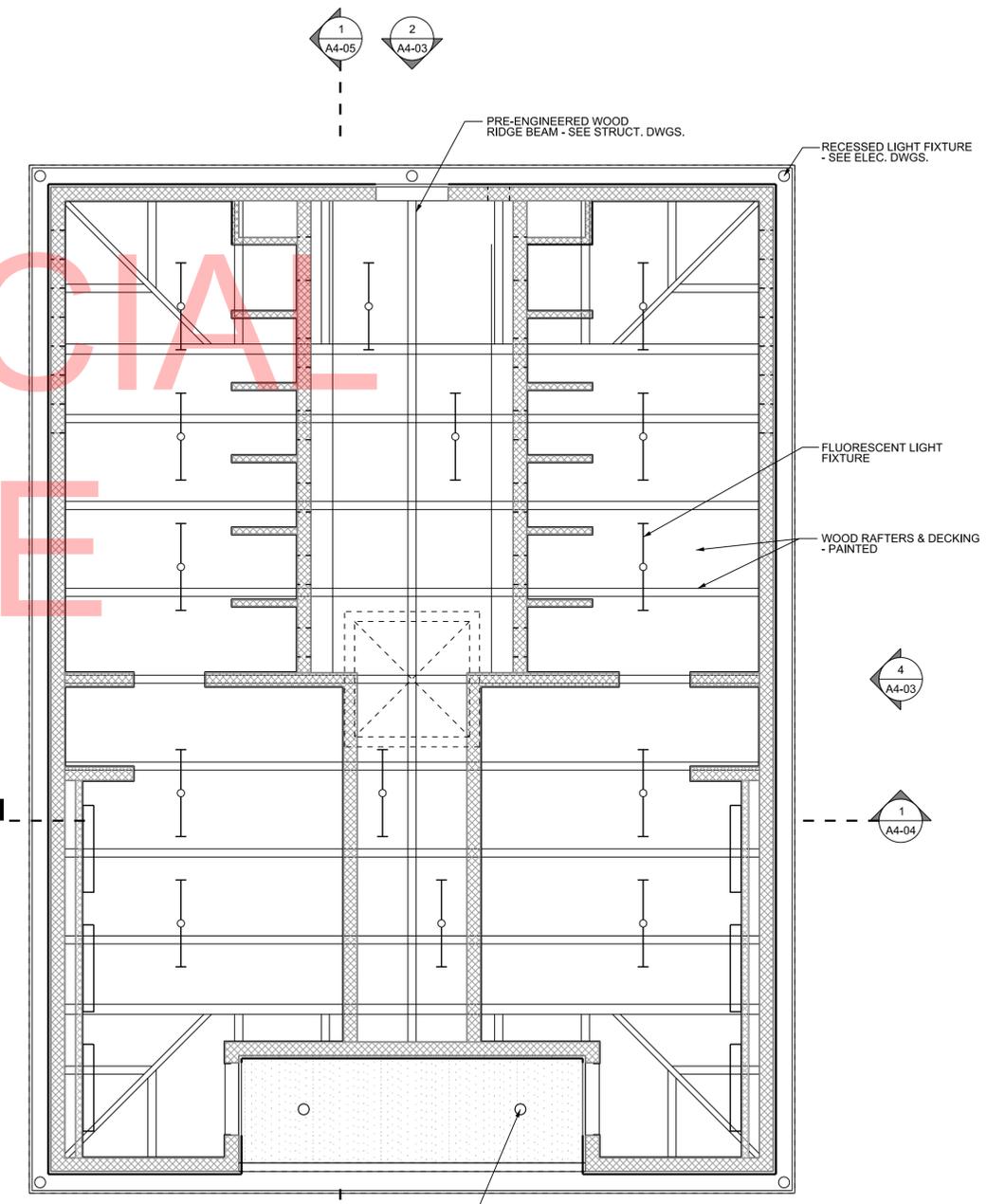
- GENERAL NOTES:**
1. ALL DIMENSIONS ARE TO FACE OF CMU UNLESS NOTED OTHERWISE. THE CONTRACTOR SHALL VERIFY ALL SITE CONDITIONS AND DIMENSIONS PRIOR TO CONSTRUCTION. ANY VARIATIONS OR DISCREPANCIES SHALL BE BROUGHT TO THE ARCHITECT'S ATTENTION PRIOR TO CONSTRUCTION.
 2. ANY CHANGES OR FIELD ALTERATIONS TO THESE DESIGN DRAWINGS SHALL BE BROUGHT TO THE ARCHITECT'S ATTENTION FOR REVIEW PRIOR TO CONSTRUCTION.
 3. ANY ITEMS NOT SPECIFICALLY SHOWN ON THE DRAWINGS, BUT ARE REASONABLY INCIDENTAL TO, AND NECESSARY FOR THE SATISFACTORY COMPLETION OF THE PROJECT IN ACCORDANCE WITH INDUSTRY STANDARDS, ARE INCLUDED WITHIN THE INTENT OF THESE DRAWINGS.
 4. ALL ACCESS COMPONENTS TO COMPLY TO ANSI A117.1 THE AMERICANS WITH DISABILITIES ACT (ADA) AND THE STATE OF DELAWARE'S ARCHITECTURAL ACCESSIBILITY BOARD.
 5. ALL OPENINGS ARE TO HAVE STORM PANELS. REFER TO SPECIFICATIONS AND DETAIL 12/A0-03 FOR ADDITIONAL INFORMATION.
 6. REFER TO DRAWING A0-04 / CD176 STANDARD DETAILS FOR TYPICAL DETAILS.
 7. REFER TO DRAWING A0-03 / CD175 FOR DOOR SCHEDULE AND DETAILS.

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

DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE AS NOTED	INDIAN RIVER INLET PARK ENHANCEMENTS	CONTRACT	BRIDGE NO.	X	RV SHOWER FACILITY - BUILDING 4 PLAN	SHEET NO.		
					T200507303					CD226
					COUNTY			DRAWN BY:	JAA	TOTAL SHTS.
					SUSSEX			CHECKED BY:	WJS	A4-01 282



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



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

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WEBSITE
COPY

ADDENDUMS / REVISIONS	

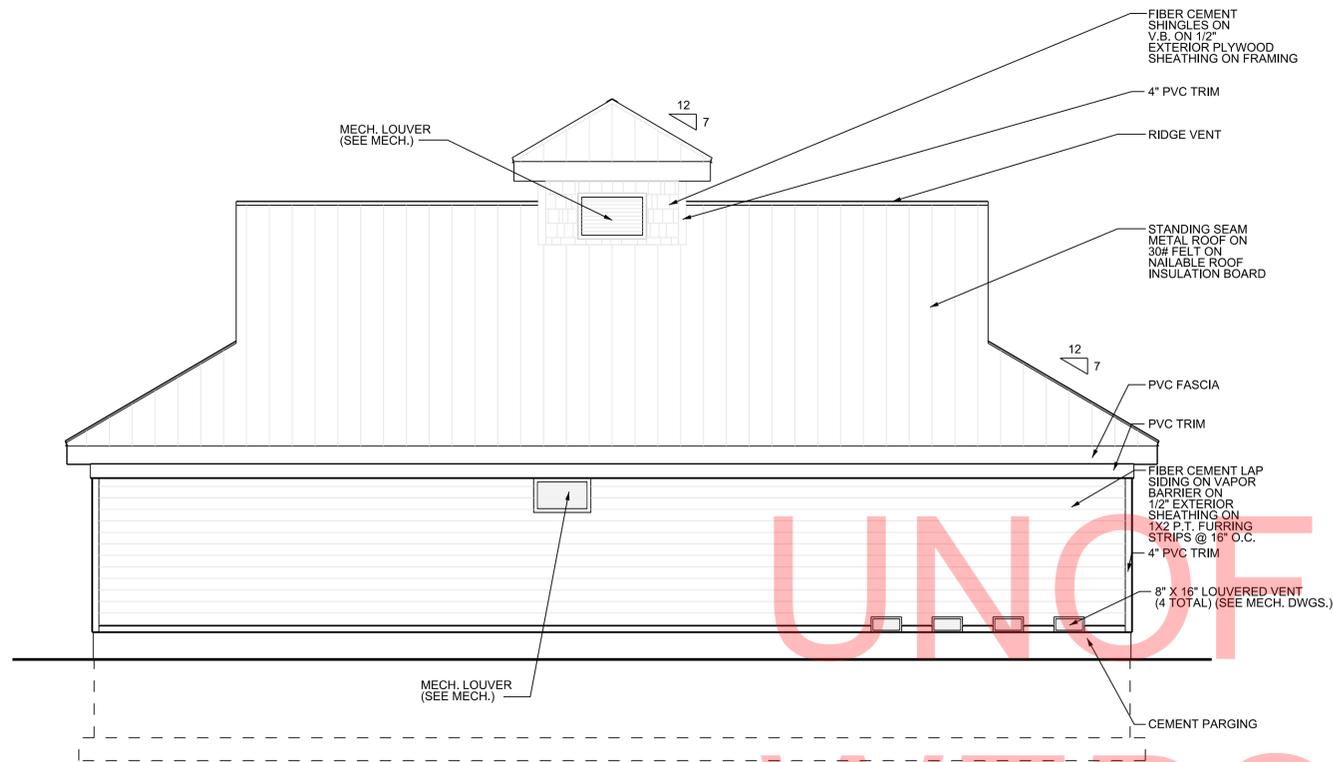
SCALE AS NOTED

**INDIAN RIVER INLET
PARK ENHANCEMENTS**

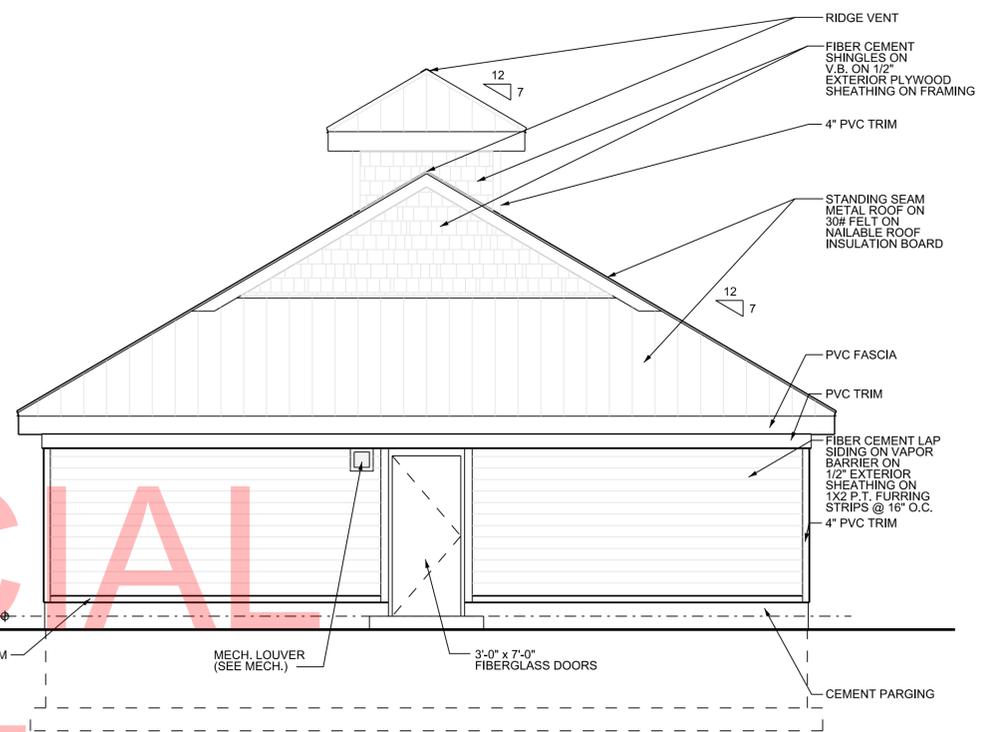
CONTRACT	BRIDGE NO.	X
T200507303	DRAWN BY:	JAA
COUNTY	CHECKED BY:	WJS
SUSSEX		

RV SHOWER FACILITY -
BUILDING 4
PLANS

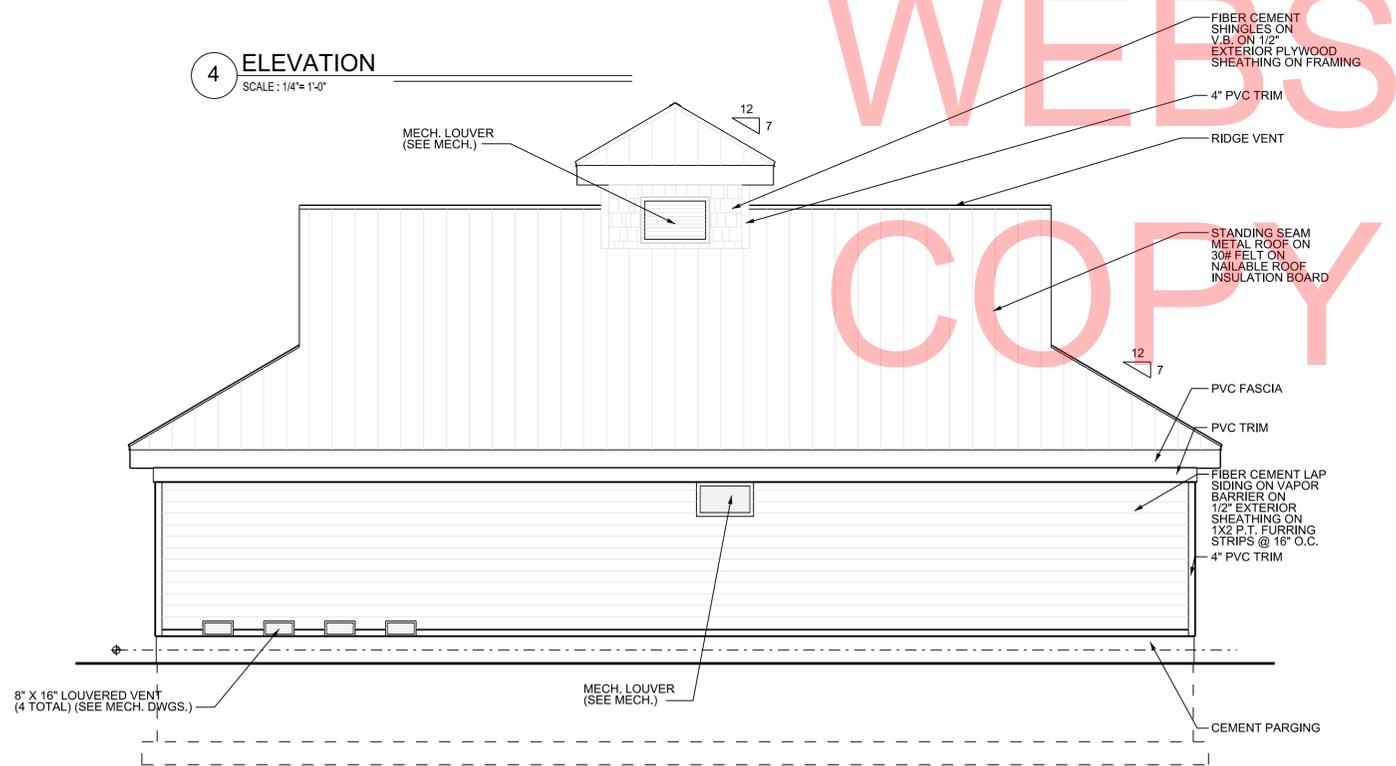
A4-02



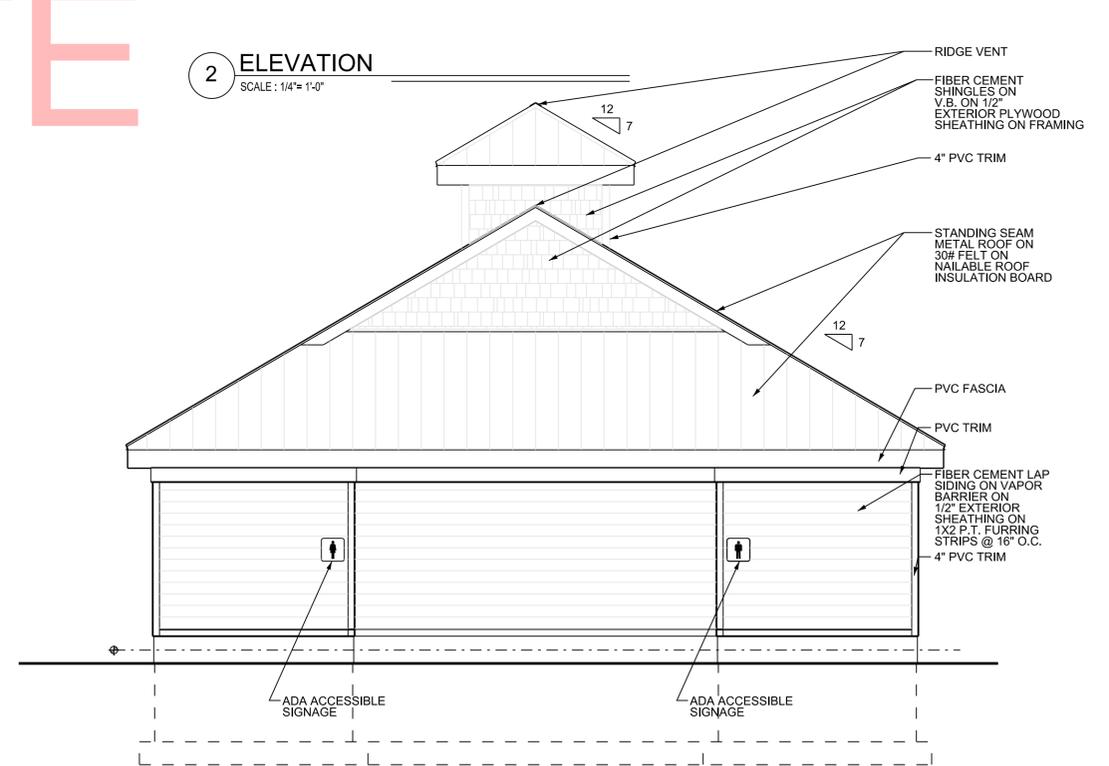
4 ELEVATION
SCALE: 1/4" = 1'-0"



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



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



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

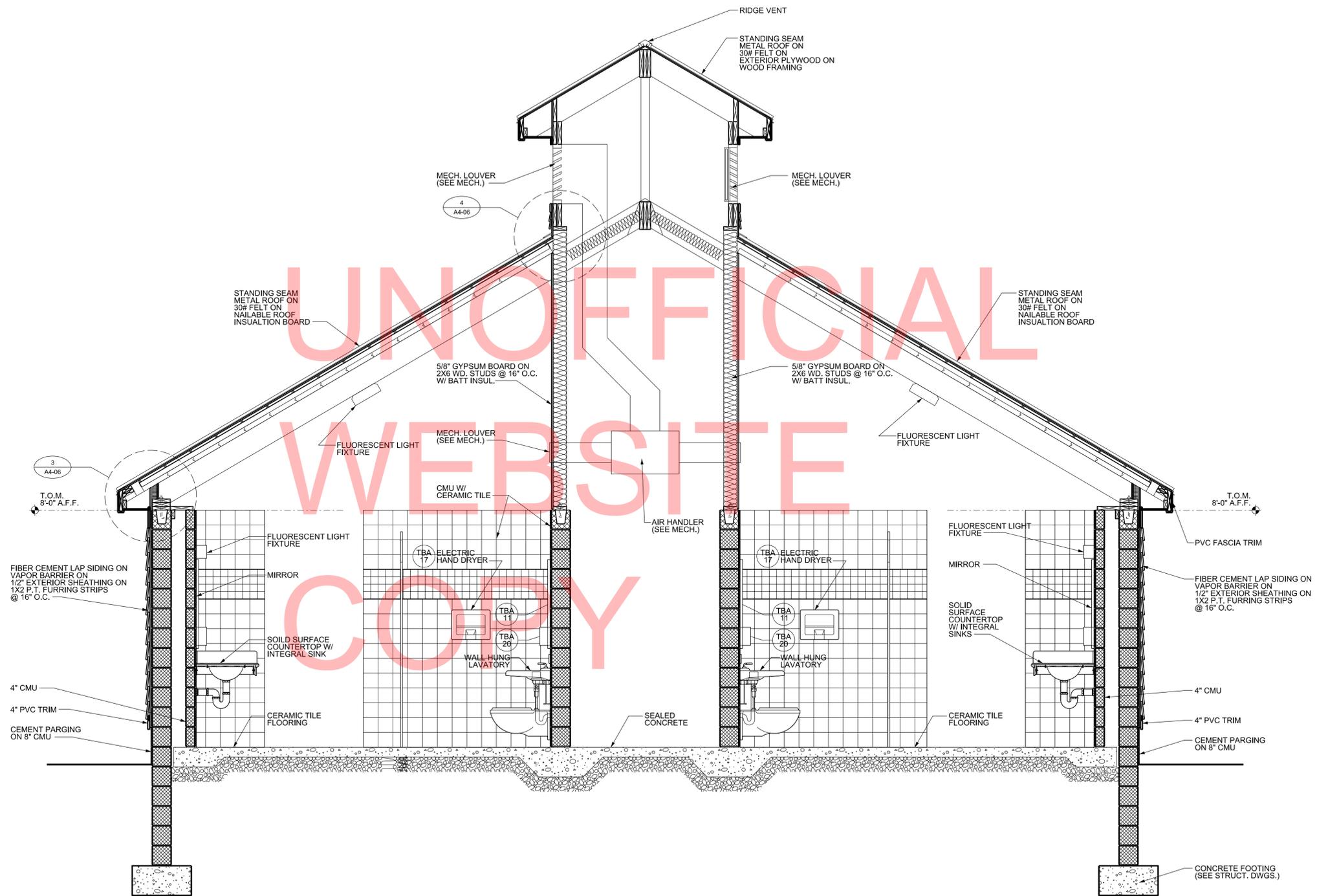
ADDENDUMS / REVISIONS	

SCALE AS NOTED

**INDIAN RIVER INLET
PARK ENHANCEMENTS**

CONTRACT	BRIDGE NO.	X
T200507303	DRAWN BY:	JAA
COUNTY	CHECKED BY:	WJS
SUSSEX		

RV SHOWER FACILITY -
BUILDING 4
EXTERIOR ELEVATIONS



1 SECTION
SCALE: 1/2" = 1'-0"

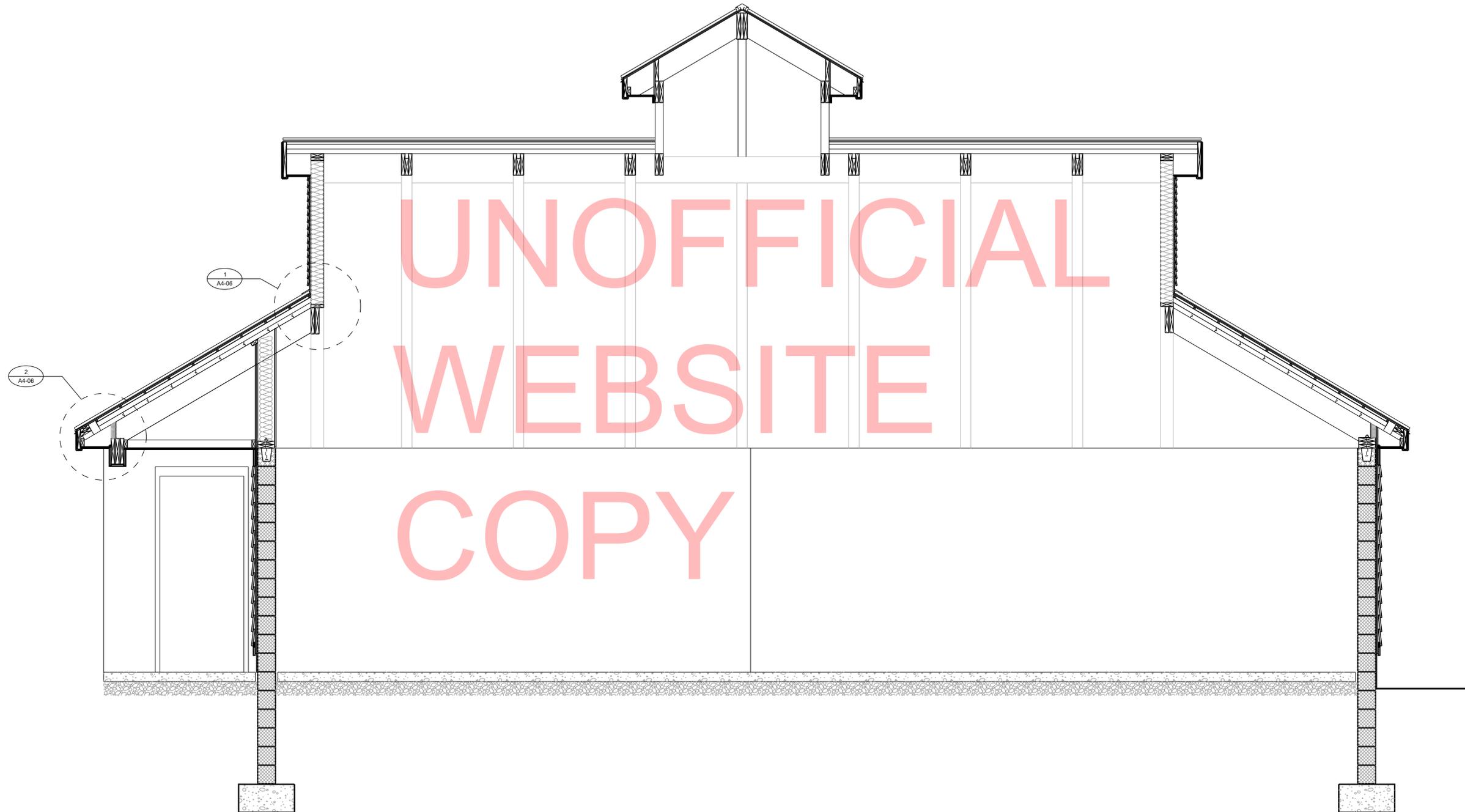
ADDENDUMS / REVISIONS

SCALE AS NOTED

INDIAN RIVER INLET
PARK ENHANCEMENTS

CONTRACT	BRIDGE NO.	X
T200507303	DRAWN BY:	JAA
COUNTY	CHECKED BY:	WJS
SUSSEX		

RV SHOWER FACILITY -
 BUILDING 4
 SECTIONS



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COPY

1 SECTION
SCALE: 1/2" = 1'-0"

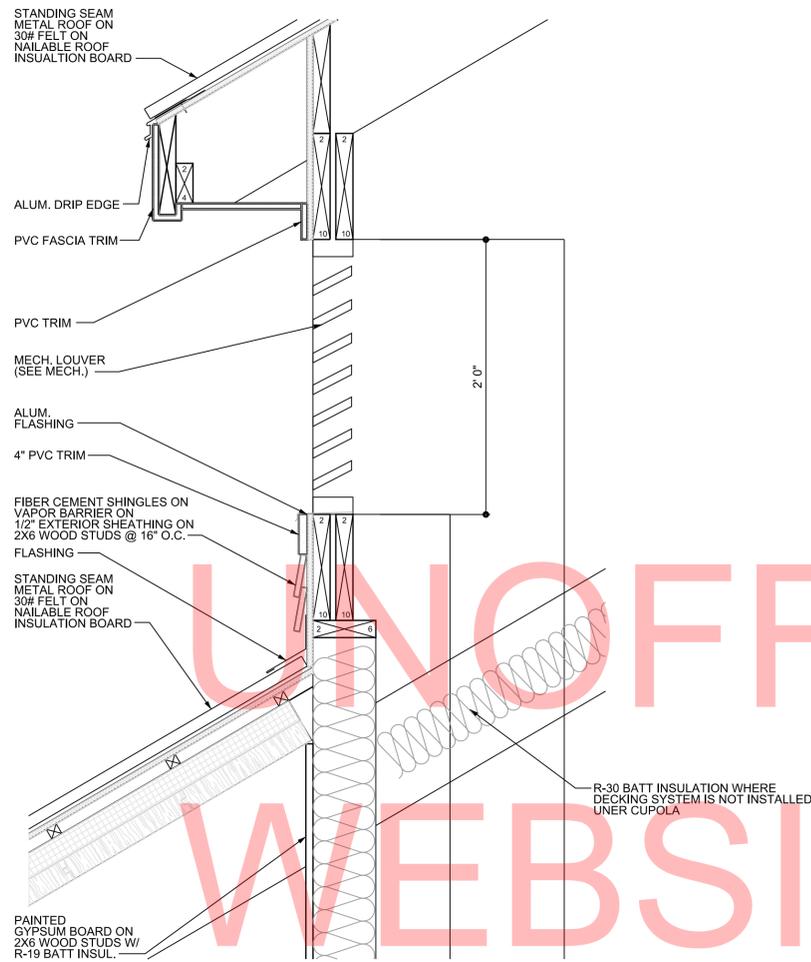
ADDENDUMS / REVISIONS	

SCALE AS NOTED

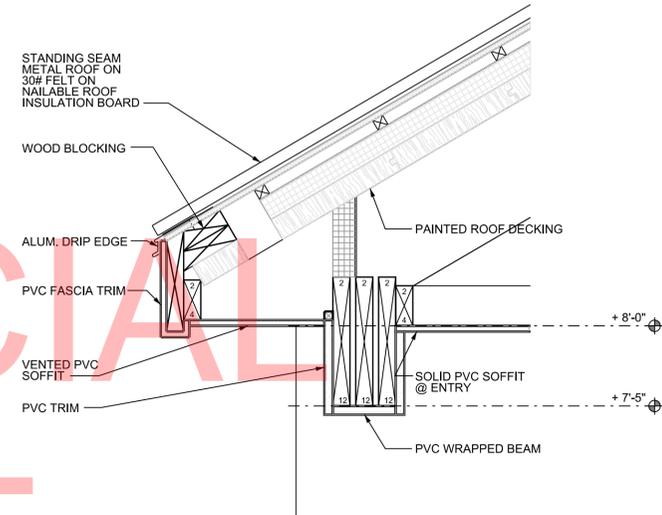
INDIAN RIVER INLET
PARK ENHANCEMENTS

CONTRACT	BRIDGE NO.	X
T200507303	DRAWN BY:	JAA
COUNTY	CHECKED BY:	WJS
SUSSEX		

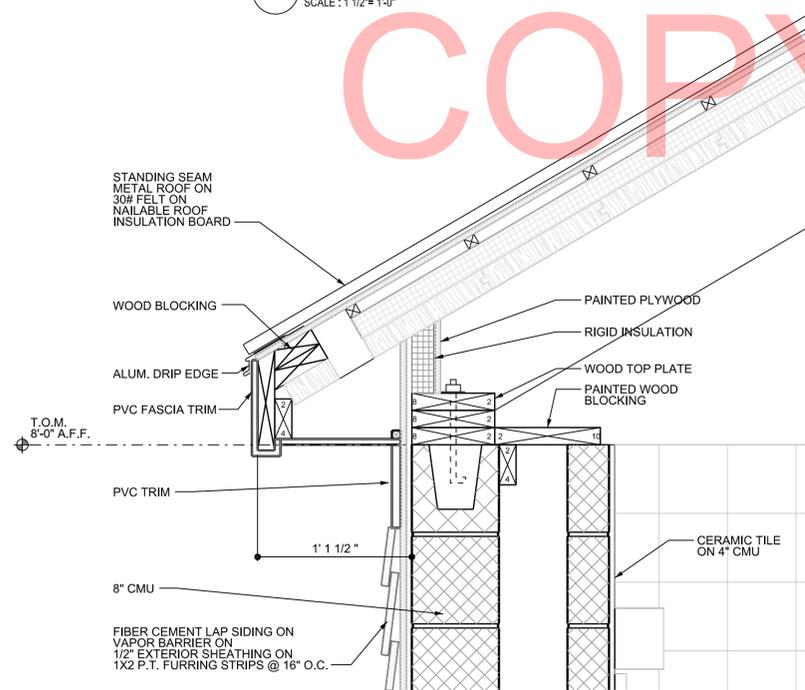
RV SHOWER FACILITY -
 BUILDING 4
 SECTION



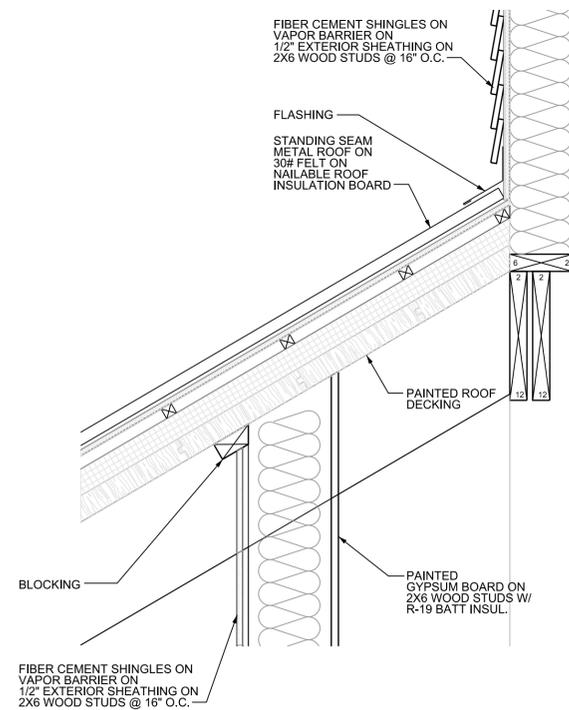
4 DETAIL
SCALE: 1 1/2" = 1'-0"



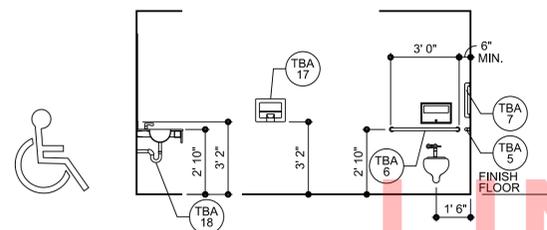
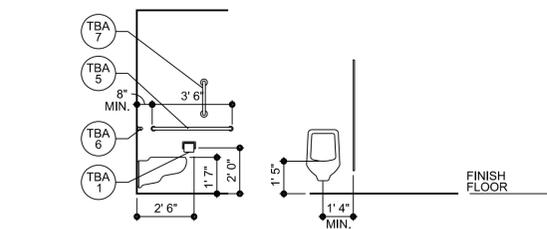
2 DETAIL
SCALE: 1 1/2" = 1'-0"



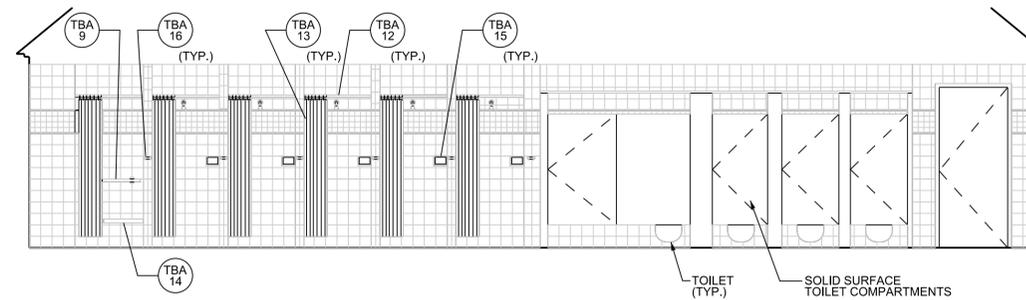
3 DETAIL
SCALE: 1 1/2" = 1'-0"



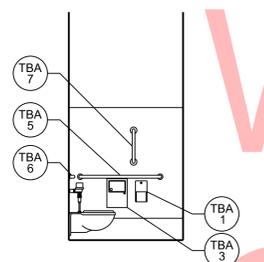
1 DETAIL
SCALE: 1 1/2" = 1'-0"



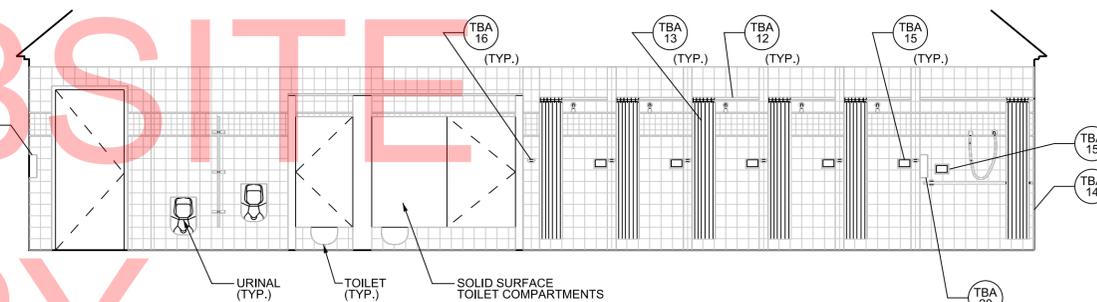
6 FIXTURE MOUNTING HEIGHTS
SCALE: 1/4" = 1'-0"



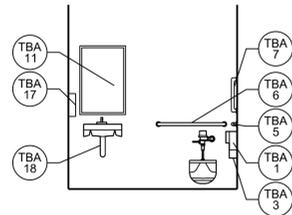
3 INTERIOR ELEVATION - WOMEN
SCALE: 1/4" = 1'-0"



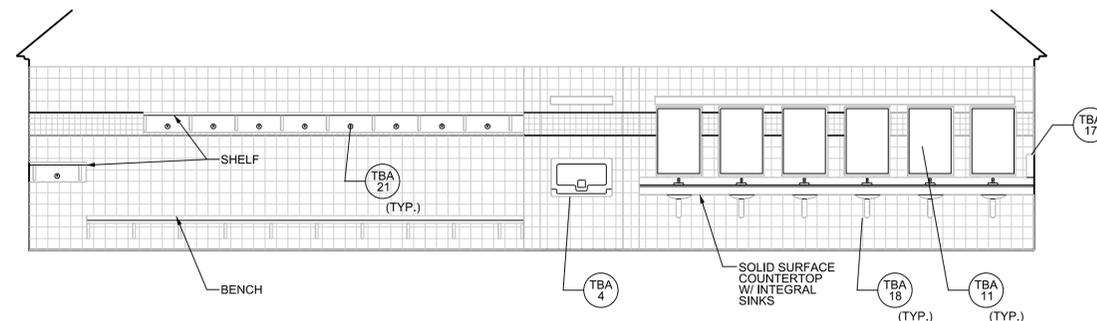
5 INTERIOR ELEVATION - HC
SCALE: 1/4" = 1'-0"



2 INTERIOR ELEVATION - MEN
SCALE: 1/4" = 1'-0"



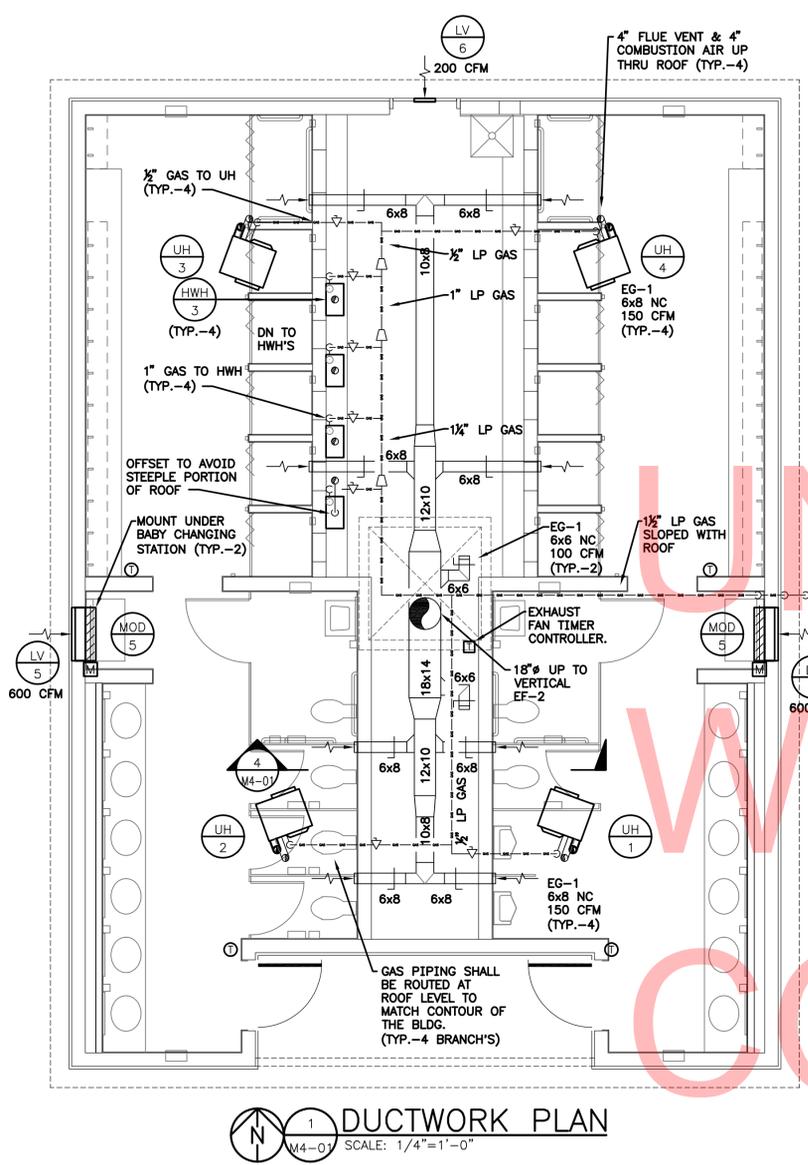
4 INTERIOR ELEVATION - H.C.
SCALE: 1/4" = 1'-0"



1 INTERIOR ELEVATION - MEN (WOMEN - OPP. HAND)
SCALE: 1/4" = 1'-0"

ACCESSORIES LEGEND:

- (TBA 1) TOILET TISSUE DISPENSER
- (TBA 2) NOT USED
- (TBA 3) SANITARY NAPKIN DISPOSAL - SURFACE MOUNTED
- (TBA 4) DIAPER CHANGING STATION
- (TBA 5) GRAB BAR, 42", STRAIGHT
- (TBA 6) GRAB BAR, 36", STRAIGHT
- (TBA 7) GRAB BAR, 18", STRAIGHT
- (TBA 8) GRAB BAR, 48", STRAIGHT
- (TBA 9) GRAB BAR, 24", STRAIGHT
- (TBA 10) GRAB BAR, 16", STRAIGHT
- (TBA 11) MIRROR UNIT, 24" X 36"
- (TBA 12) SHOWER CURTAIN ROD
- (TBA 13) SHOWER CURTAIN
- (TBA 14) FOLDING SHOWER SEAT
- (TBA 15) SOAP DISH
- (TBA 16) ROB HOOK
- (TBA 17) WARM-AIR HAND DRYER
- (TBA 18) UNDERLAVATORY GUARD
- (TBA 19) MOP AND BROOM HOLDER
- (TBA 20) SOAP DISPENSER
- (TBA 21) CLOTHES HOOK

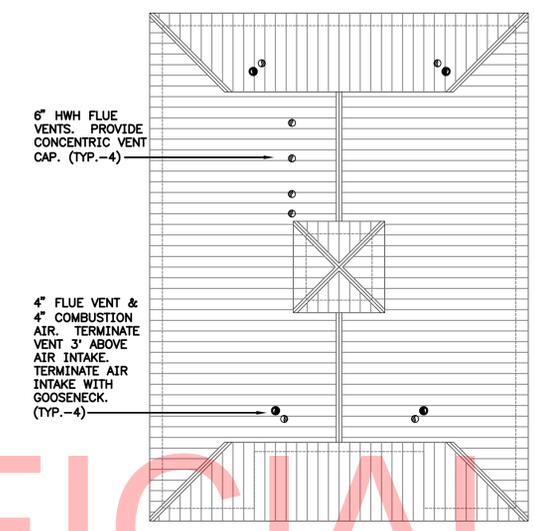


1 DUCTWORK PLAN
M4-01 SCALE: 1/4"=1'-0"

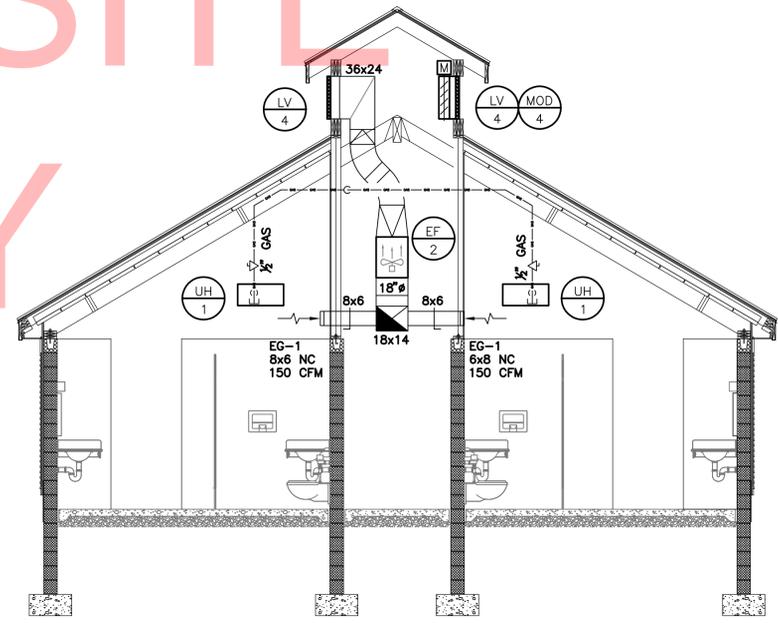
NOTES:
CONTRACTOR TO COORDINATE EXHAUST FAN TIMER CONTROLLER AND HWH OUTLET LOCATION WITH ELECTRICAL & PLUMBING CONTRACTOR'S.

UNIT HEATER SCHEDULE								
SYMBOL	MANUFACTURER	MODEL NUMBER	CAPACITY (BTU/HR)		EER	RPM	ELECTRIC (V/PH/HZ)	REMARKS
			INPUT	OUTPUT				
UH 1-4	REZTOR	UDAP	30,000	24,600	82	1550	115/1/60	SEE BELOW

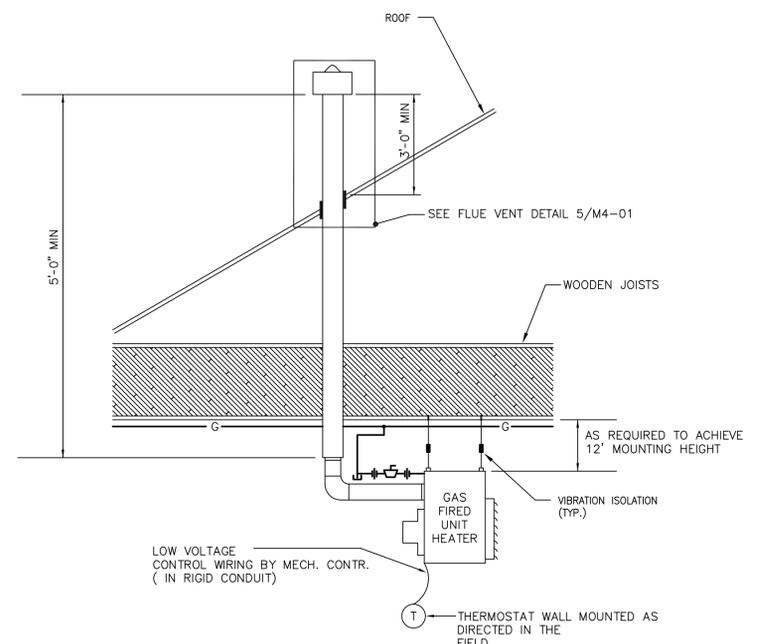
- NOTES:
1. PROVIDE 2 STAGE PROPANE GAS VALVE
 2. PROVIDE STAINLESS STEEL HEAT EXCHANGER
 3. PROVIDE TOTALLY ENCLOSED FAN MOTOR
 4. PROVIDE VENT CAP
 5. PROVIDE THERMOSTAT WITH LOCKING COVER
 6. PROVIDE CEILING SUSPENSION KIT
 7. PROVIDE MANUAL SHUT OFF VALVE



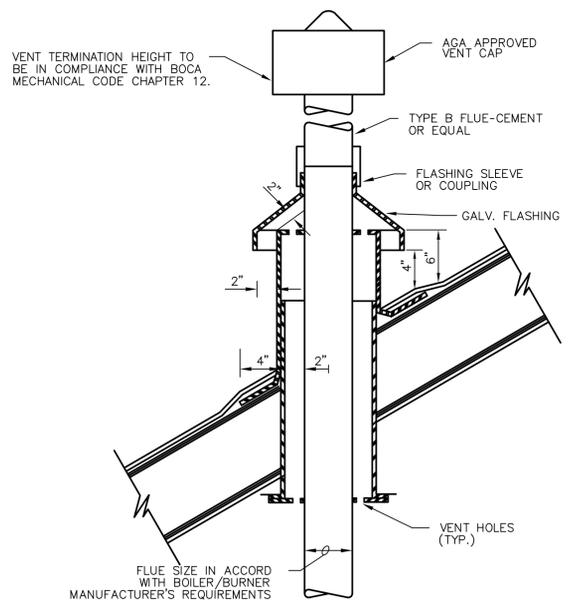
2 DUCTWORK ROOF PLAN
M4-01 SCALE: 1/8"=1'-0"



4 DUCTWORK ELEVATION
M4-01 SCALE: 1/4"=1'-0"



3 UNIT HEATER DETAIL
M4-01 SCALE: NTS



5 FLUE VENT DETAIL
M4-01 SCALE: NTS



ADDENDUMS / REVISIONS

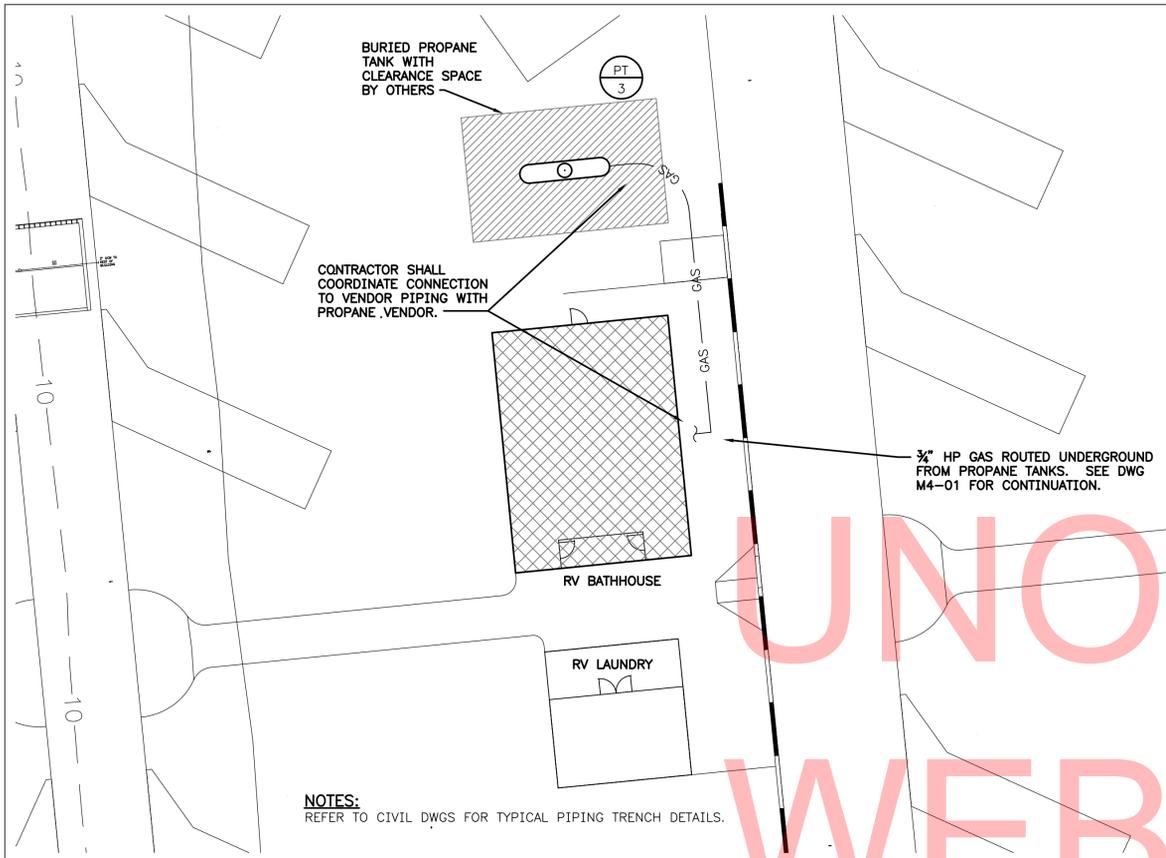
SCALE AS NOTED

INDIAN RIVER INLET
PARK ENHANCEMENTS

CONTRACT	BRIDGE NO.	X
T200507303	DRAWN BY:	MLF
COUNTY	CHECKED BY:	JRF
SUSSEX		

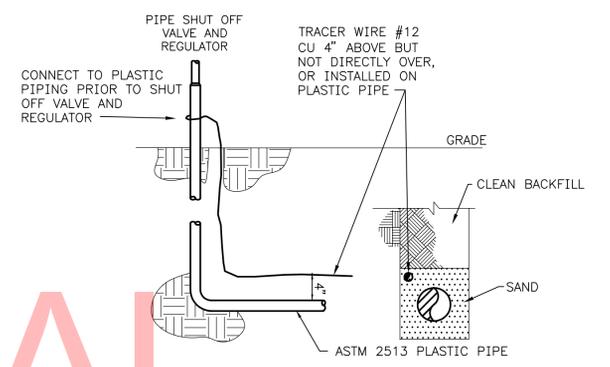
RV SHOWER FACILITY BUILDING 4 MECHANICAL PLANS, DETAILS, & SCHEDULES	M4-01
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SHEET NO.	CD233
TOTAL SHTS.	CD282



NOTES:
REFER TO CIVIL DWGS FOR TYPICAL PIPING TRENCH DETAILS.

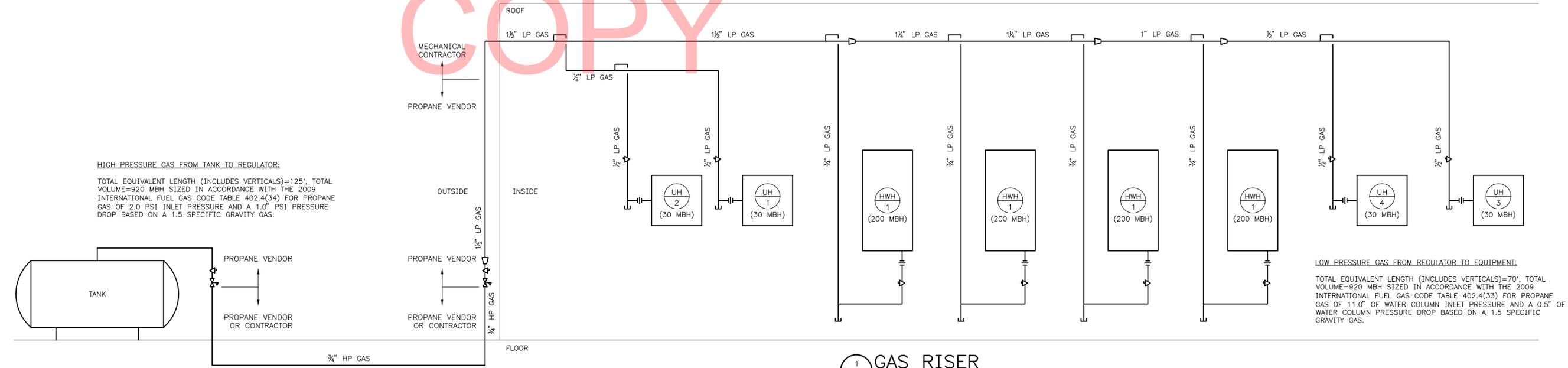
1 GAS PIPING SITE PLAN
M4-02 SCALE: 1/16"=1'-0"



2 BELOW GRADE GAS PIPING DETAIL
M4-02 SCALE: NONE

UNOFFICIAL
WEBSITE

COPY



HIGH PRESSURE GAS FROM TANK TO REGULATOR:
TOTAL EQUIVALENT LENGTH (INCLUDES VERTICALS)=125', TOTAL VOLUME=920 MBH SIZED IN ACCORDANCE WITH THE 2009 INTERNATIONAL FUEL GAS CODE TABLE 402.4(34) FOR PROPANE GAS OF 2.0 PSI INLET PRESSURE AND A 1.0" PSI PRESSURE DROP BASED ON A 1.5 SPECIFIC GRAVITY GAS.

LOW PRESSURE GAS FROM REGULATOR TO EQUIPMENT:
TOTAL EQUIVALENT LENGTH (INCLUDES VERTICALS)=70', TOTAL VOLUME=920 MBH SIZED IN ACCORDANCE WITH THE 2009 INTERNATIONAL FUEL GAS CODE TABLE 402.4(33) FOR PROPANE GAS OF 11.0" OF WATER COLUMN INLET PRESSURE AND A 0.5" OF WATER COLUMN PRESSURE DROP BASED ON A 1.5 SPECIFIC GRAVITY GAS.

1 GAS RISER
M4-02 SCALE: NONE

ADDENDUMS / REVISIONS

CONTRACT	BRIDGE NO.	X
T200507303	DRAWN BY:	MLF
COUNTY	CHECKED BY:	JRF
SUSSEX		

SHEET NO.	CD234
TOTAL SHTS.	CD282

