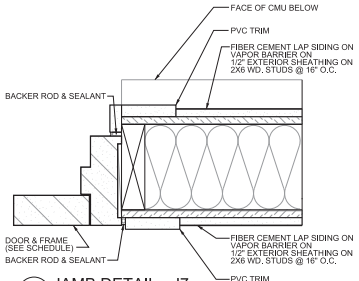
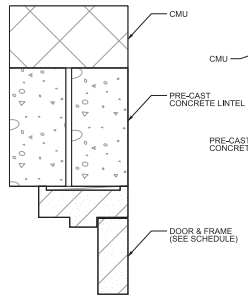
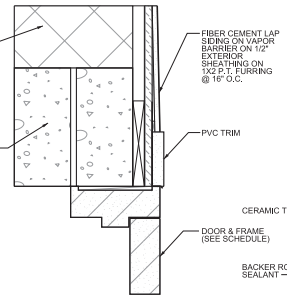


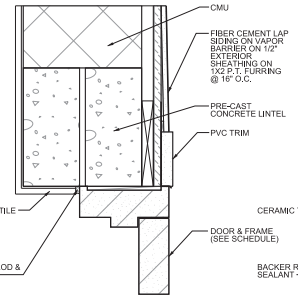
7 JAMB DETAIL - J7
SCALE : 3"= 1'-0"



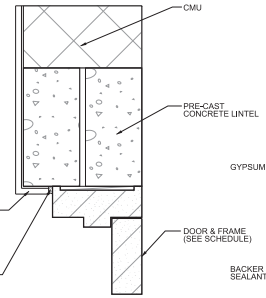
8 HEAD DETAIL - H1
SCALE : 3"= 1'-0"



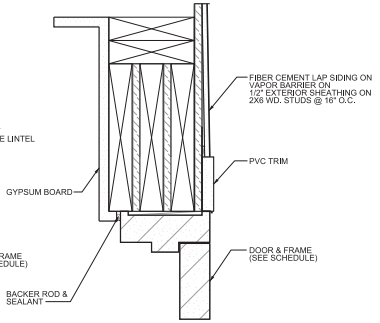
9 HEAD DETAIL - H2
SCALE : 3"= 1'-0"



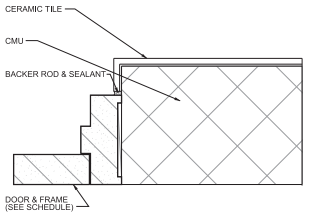
10 HEAD DETAIL - H3
SCALE : 3"= 1'-0"



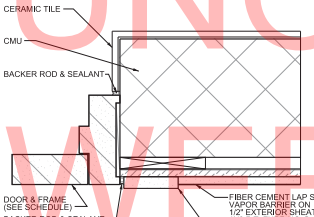
11 HEAD DETAIL - H4
SCALE : 3"= 1'-0"



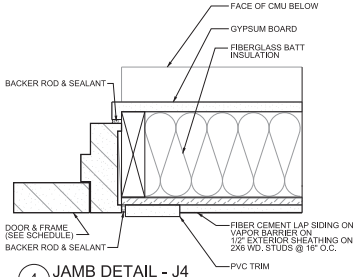
12 HEAD DETAIL - H5
SCALE : 3"= 1'-0"



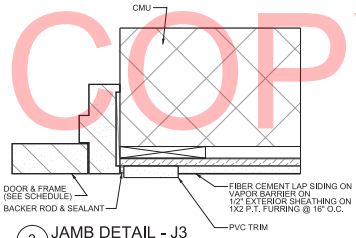
6 JAMB DETAIL - J6
SCALE : 3"= 1'-0"



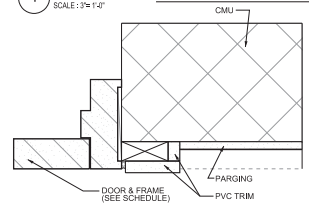
5 JAMB DETAIL - J5
SCALE : 3"= 1'-0"



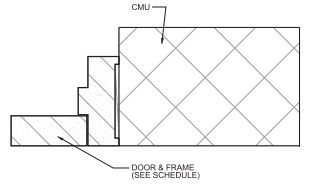
4 JAMB DETAIL - J4
SCALE : 3"= 1'-0"



3 JAMB DETAIL - J3
SCALE : 3"= 1'-0"



2 JAMB DETAIL - J2
SCALE : 3"= 1'-0"

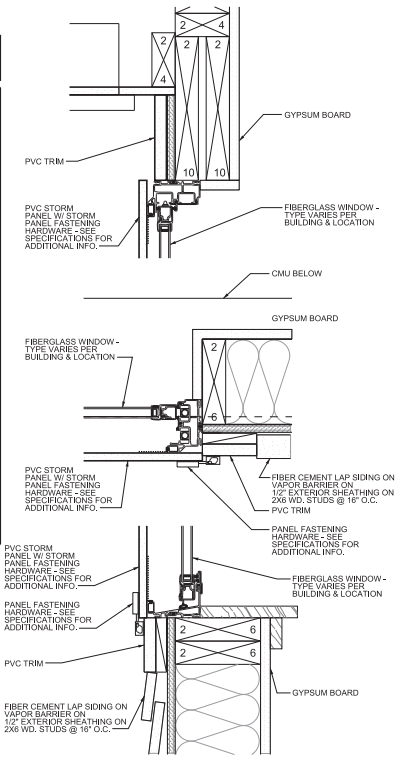


1 JAMB DETAIL - J1
SCALE : 3"= 1'-0"

DOOR SCHEDULE

SYMBOL		DOOR								FRAME						HARDWARE SET	REMARKS
		SIZE							UNDER CUT				DETAIL				
SPACE	NO.	WIDTH	HEIGHT	THICK	MAT	TYPE	FIN	GLASS		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



13 STORM PANEL DETAILS
SCALE : 3"= 1'-0"

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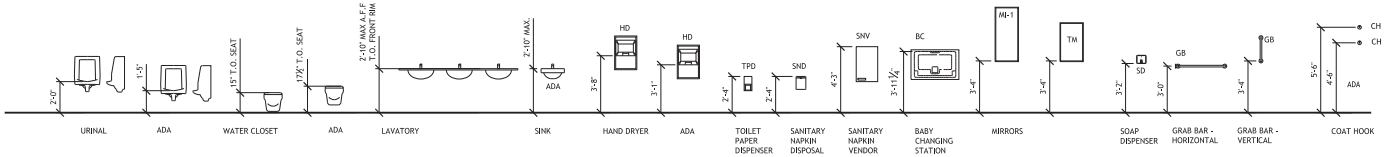
DELAWARE
DEPARTMENT OF TRANSPORTATION

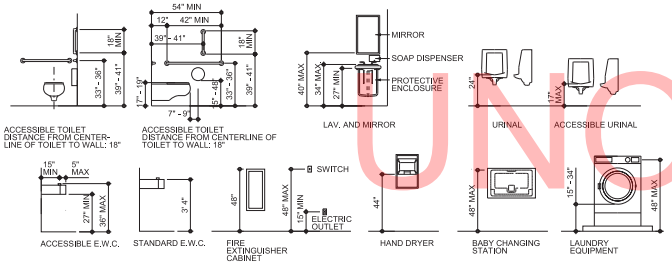
ADDENDUMS / REVISIONS

SCALE AS NOTED

INDIAN RIVER INLET
PARK ENHANCEMENTS

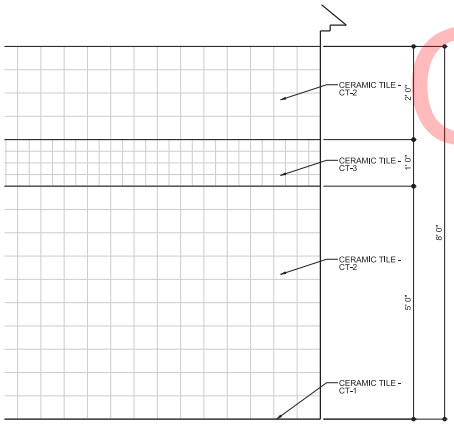
CONTRACT	BRIDGE NO.	X	DOOR SCHEDULE & DETAILS	SHEET NO.
T200507303	DRAWN BY:	JAA		CD189
COUNTY	CHECKED BY:	WJS	A0-03	TOTAL SHTS.
SUSSEX				282



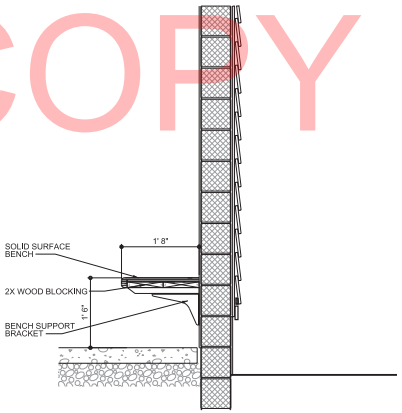


5 ADA MOUNTING HEIGHTS

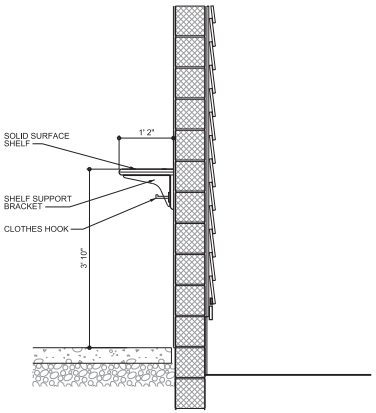
UNOFFICIAL WEBSITE COPY



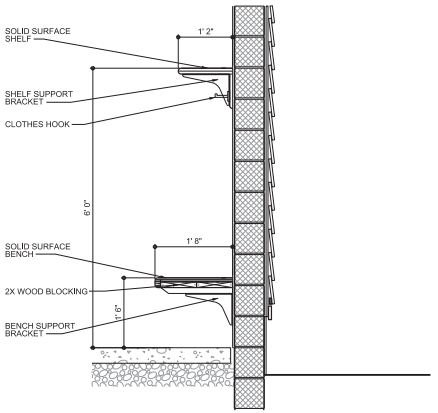
4 CERAMIC TILE PATTERN
SCALE : 3/4" = 1'-0"



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



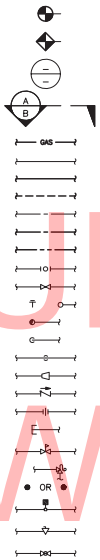
2 SECTION AT ADA SHELF
SCALE : 3/4" = 1'-0"



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

DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE AS NOTED	INDIAN RIVER INLET PARK ENHANCEMENTS	CONTRACT T200507303	BRIDGE NO. X	STANDARD DETAILS A0-04	SHEET NO. CD190
				COUNTY SUSSEX	DRAWN BY: JAA		TOTAL SHTS. 282
					CHECKED BY: WJS		

PIPING & DUCTWORK LEGEND:



POINT OF CONNECTION NEW TO EXISTING

POINT OF DISCONNECTION EXISTING TO DEMOLITION

EQUIPMENT DESIGNATION

ELEVATION MARKER
A = ELEVATION NUMBER
B = DRAWING REFERENCE

NEW GAS PIPING

EXISTING SANITARY PIPING

NEW SANITARY PIPING

NEW VENT PIPING

EXISTING DOMESTIC COLD WATER PIPING

NEW DOMESTIC COLD WATER PIPING

NEW DOMESTIC HOT WATER PIPING

BALL VALVE

SHUT OFF VALVE

CLEAN OUT

PIPE UP

PIPE DOWN

"T" PIPE DOWN

REDUCER

CHECK VALVE

UNION

CAP

REGULATOR VALVE

PRESSURE RELIEF VALVE

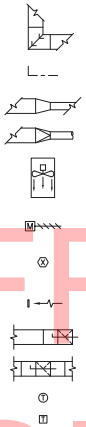
FLOOR DRAIN

WATER HAMMER ARRESTER

PLUG VALVE (GAS SHUT OFF VALVE)

CURB STOP

PIPING & DUCTWORK LEGEND CONT:



TURNING VANES

VD = VOLUME DAMPER

DUCT TRANSITION

SQUARE TO ROUND DUCT TRANSITION

IN-LINE EXHAUST FAN

MOTOR OPERATED DAMPER

DUCT DEVICES
S = SMOKE DETECTOR
C = CARBON DIOXIDE DETECTOR

SIDEWALL RETURN OR EXHAUST GRILL

VOLUME DAMPER IN VERTICAL

VOLUME DAMPER IN VERTICAL

TEMPERATURE SENSOR (THERMO-STAT)
"XX" INDICATES UNIT CONTROL

TIMER CONTROLLER

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:

1. CONTRACTOR TO COORDINATE ALL PLUMBING ITEMS LOCATED OUTSIDE OF THE BUILDING WITH THE CIVIL CONTRACTOR.
2. 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.
3. CONTRACTOR SHALL PERFORM WITNESSED TEST WITH OWNER AS PROOF OF "WINTERIZATION".
4. UNDER SINK ⅜" WATER SHUT OFF VALVES SHALL BE THE ONLY SHUT OFF VALVES LOCATED IN THE CAMPER'S OCCUPIED AREA.
5. 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.
6. 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.
7. ALL SANITARY AND DOMESTIC WATER SERVICE SHALL BE A MINIMUM OF 5' FROM ON ANOTHER AT ENTRANCE TO BUILDING.
8. PLUMBING CONTRACTOR DOMESTIC WATER LIMIT OF CONSTRUCTION IS TO 5' OUTSIDE OF THE BUILDING. SITE CONTRACTOR SHALL STOP PIPING 5' OUTSIDE OF BUILDING.
9. 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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DELAWARE
DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE AS NOTED

INDIAN RIVER INLET
PARK ENHANCEMENTS

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

MECHANICAL & PLUMBING NOTES & LEGENDS
MP0-01

SHEET NO. CD191
TOTAL SHTS. CD282

EXHAUST FAN SCHEDULE

AREA SERVES	TYPE	MANUFACTURER	MODEL NO.	CFM	STATIC PRESSURE INCH (H_2O)	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

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.

DIFFUSER SCHEDULE

EG-1 SIDEWALL EXHAUST GRILLE EQUAL TO PRICE MODEL 630, ALUMINUM CONSTRUCTION WITH 1½" BORDER ON ALL SIDES AND A MINIMUM BORDER THICKNESS OF 0.040 INCHES. GRILLE SHALL BE FILTERED RETURN WITH FIXED 45° DEFLECTION WITH ¾" 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.

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

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DRAWING NOTES:
SOME EQUIPMENT IS UTILIZED IN MULTIPLE BUILDINGS

DELAWARE
DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

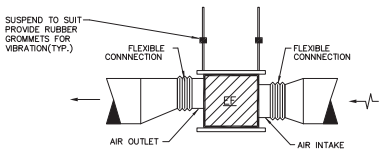
SCALE AS NOTED

INDIAN RIVER INLET
PARK ENHANCEMENTS

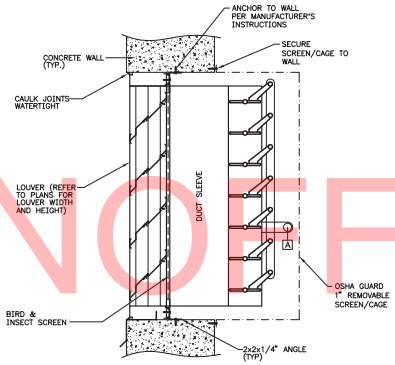
CONTRACT T200507303
COUNTY SUSSEX
BRIDGE NO. X
DRAWN BY: MLF
CHECKED BY: JRF

MECHANICAL SCHEDULES
MO-02

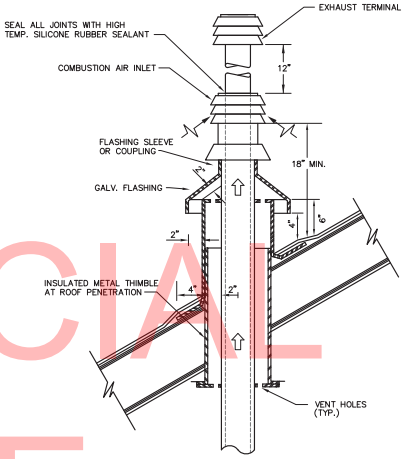
SHEET NO. CD192
TOTAL SHTS. CD282



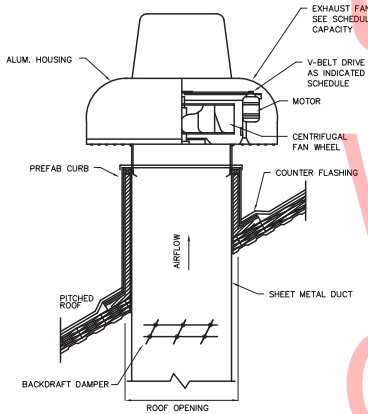
1 MO-03 IN LINE EXHAUST FAN DETAIL
SCALE: N.T.S.



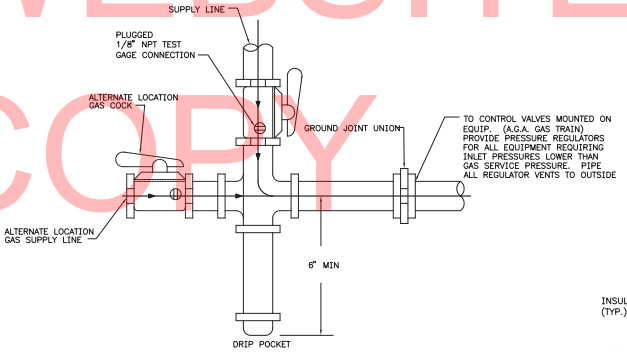
2 MO-03 LOUVER AND MOD DETAIL
SCALE: N.T.S.



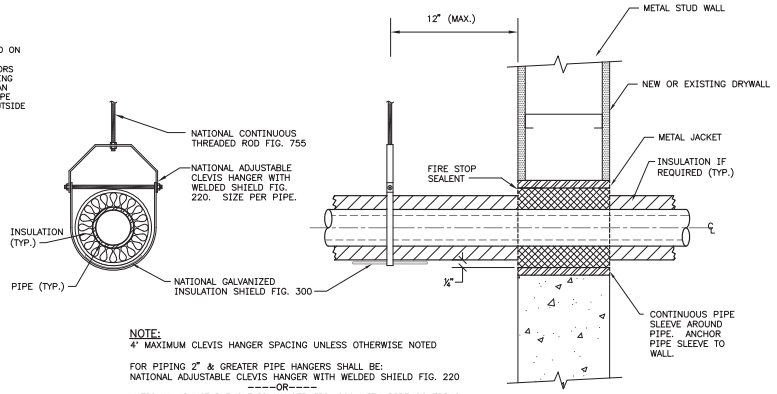
3 MO-03 HWH CONCENTRIC VENT DETAIL
SCALE: NONE



4 MO-03 ROOFTOP EXHAUST FAN DETAIL
SCALE: NONE



5 MO-03 GAS CONNECTION DETAIL
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 MO-03 TYPICAL WALL PENETRATION & HANGER DETAIL
SCALE: NONE

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DELAWARE
DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE AS NOTED

INDIAN RIVER INLET
PARK ENHANCEMENTS

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

MECHANICAL DETAILS
MO-03

SHEET NO.
CD193
TOTAL SHTS.
CD282

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 ¾" – 2".	• RV LAUNDRY RM • OUTDOOR BATHHOUSE • SOUTHEAST BATHHOUSE
BFP 2	WATTS	909 SERIES	PROVIDE WITH QUARTER TURN VALVES, STRAINER, AND AIR GAP. FOR SIZES GREATER THAN 2".	• 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	• RV LAUNDRY RM • OUTDOOR BATHHOUSE
SI 2	JAY R. SMITH MFG. CO.	8811-50	PROVIDE GALVANIZED GRATING COVER	• RV BATHHOUSE • SOUTHEAST BATHHOUSE • SOUTHWEST BATHHOUSE

HEATING HOT WATER EXPANSION TANK

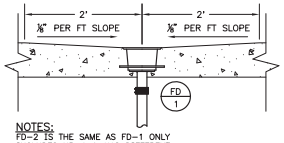
TAG	TYPE	MANUFACTURER	MODEL	TANK VOLUME	TANK CAPACITY	WT.(LBS.) SHIP	REMARKS
ET 1	WH EXPANSION TANK	AMTROL	ST-5	2.0	0.9	5.0	• RV BATHHOUSE • SOUTHEAST BATHHOUSE • SOUTHWEST BATHHOUSE

HOT WATER HEATER SCHEDULE

TAG	DESCRIPTION	PROPANE GAS INPUT	KW INPUT	RECOVERY @ 100°F RISE	VOLTAGE/ PHASE	LOCATION	REMARKS	NOTES
HWH 1	INSTANTANEOUS HOT WATER HEATER BRADFORD WHITE MODEL #ES-4100-2-S-10	–	4.1	–	208V/1ø	• 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/1ø	• 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/1ø	• RV BATHHOUSE • SOUTHWEST BATHHOUSE • SOUTHEAST 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/1ø	• OUTDOOR BATHHOUSE	DUAL LAVATORY APPLICATION, HEATS 2.0 GPM WITH A TEMPERATURE RISE OF 62°F.	–

NOTES:
1. PROVIDE WITH CONCENTRIC VENT KIT
2. 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 P0-02 FLOOR DRAIN (FD-2) DETAIL
SCALE: NONE

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DELAWARE
DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

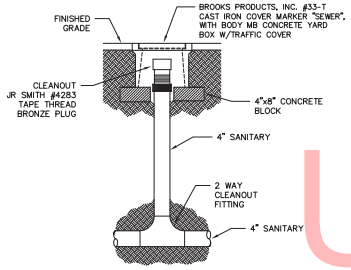
SCALE AS NOTED

INDIAN RIVER INLET
PARK ENHANCEMENTS

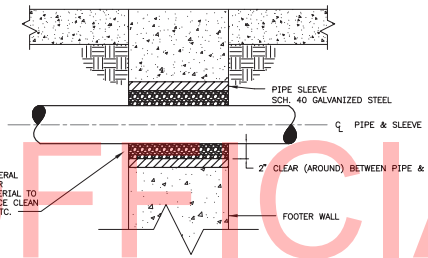
CONTRACT	T200507303	BRIDGE NO.	X
COUNTY	SUSSEX	DRAWN BY:	MLF
		CHECKED BY:	JRF

PLUMBING SCHEDULES & DETAIL
P0-02

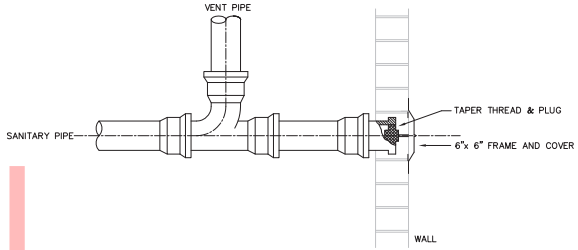
SHEET NO.	CD194
TOTAL SHTS.	CD282



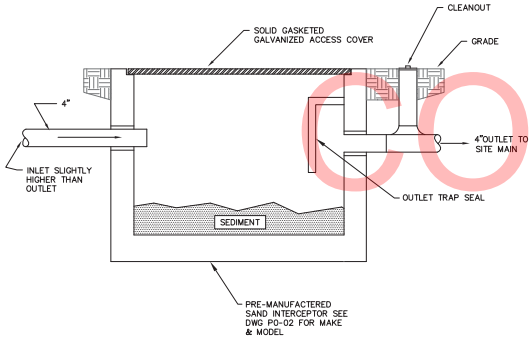
1 P0-03 BUILDING CLEAN OUT DETAIL
SCALE: NONE



2 P0-03 FOUNDATION SLEEVE DETAIL
SCALE: NONE



3 P0-03 WALL CLEAN OUT DETAIL
SCALE: NTS



4 P0-03 SAND INTERCEPTOR PIPING DETAIL
SCALE: NTS

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DELAWARE
DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

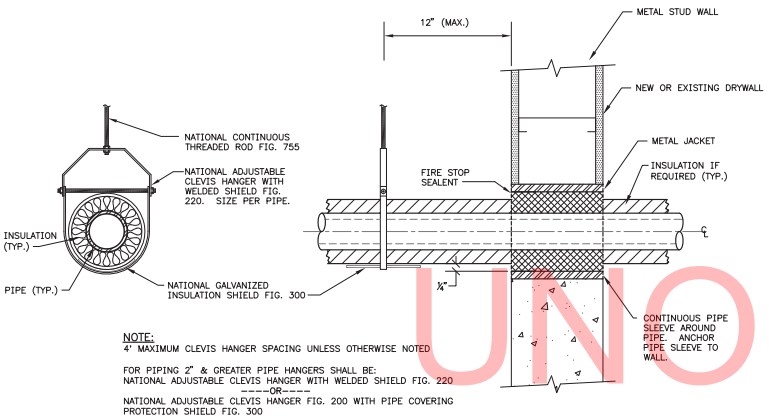
SCALE AS NOTED

INDIAN RIVER INLET
PARK ENHANCEMENTS

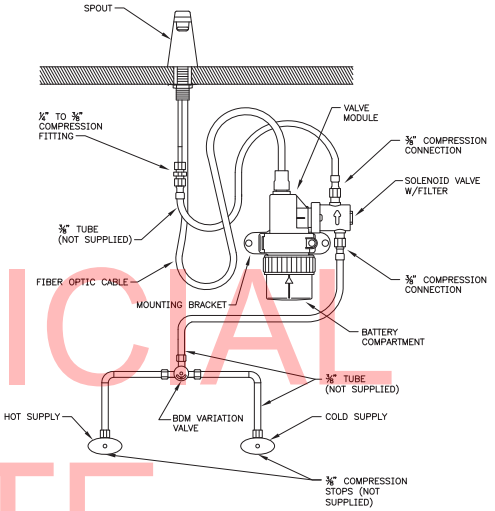
CONTRACT	BRIDGE NO.	X
T200507303	DRAWN BY:	MLF
COUNTY	CHECKED BY:	JRF
SUSSEX		

PLUMBING DETAILS (SHEET 1 OF 2)
P0-03

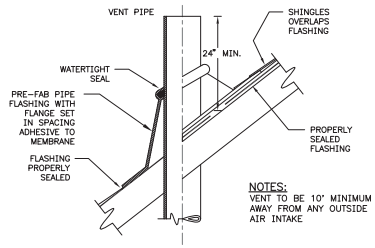
SHEET NO.
CD195
TOTAL SHTS.
CD282



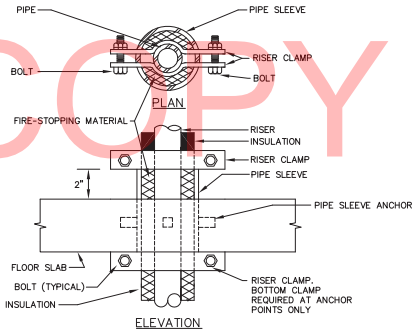
1 P0-04 TYPICAL WALL PENETRATION & HANGER DETAIL
SCALE: NONE



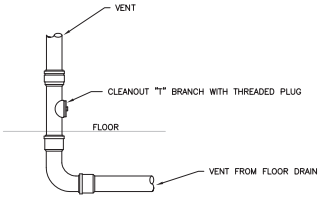
2 P0-04 SENSOR FAUCET DIAGRAM
SCALE: NONE



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



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



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

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DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE AS NOTED	INDIAN RIVER INLET PARK ENHANCEMENTS	CONTRACT T200507303	BRIDGE NO. X	PLUMBING DETAILS (SHEET 2 OF 2)	SHEET NO. CD196
				COUNTY SUSSEX	DRAWN BY: MLF		TOTAL SHTS. CD282
					CHECKED BY: JRF	P0-04	

BRANCH CIRCUIT IDENTIFICATION:

EXAMPLE: ECS – 1

ELECTRICAL PANEL

CIRCUIT BREAKER WITHIN PANEL SERVING BRANCH CIRCUIT. BRANCH CIRCUIT SHALL CONSIST OF 3/4" CONDUIT WITH THREE #12 AWG CONDUCTORS (LINE, NEUTRAL OR LINE, GREEN INSULATED GROUND) UNLESS OTHERWISE NOTED.

LIGHTING CONTROL IDENTIFICATION:

EXAMPLES:

FIXTURE "a" CONTROL — S|S — FIXTURE "b" CONTROL

a — CONTROL IDENTIFIER (TYP.)

b — LIGHTING FIXTURE (TYP.)

INBOARD LAMP CONTROL — S|S — OUTBOARD LAMP CONTROL

LF — FLUORESCENT LIGHTING FIXTURE WITH 3–LAMP CROSS SECTION AND (2) BALLASTS WIRED FOR INBOARD/OUTBOARD SWITCHING OPERATION

DEVICE CONTROL IDENTIFICATION:

EXAMPLE:

DEVICE "a" CONTROL — S

a — CONTROL IDENTIFIER

CONTROLLED DEVICE

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
ø	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:

A / B — LIGHTING FIXTURE – RECESSED, SURFACE OR PENDANT MOUNTED – LETTER INDICATES FIXTURE TYPE

C / D — LIGHTING FIXTURE – WALL MOUNTED – LETTER INDICATES FIXTURE TYPE

VRS E — EMERGENCY LIGHTING BATTERY UNIT (WITH VANDAL–RESISTANT SHIELD WHERE INDICATED) – LETTER INDICATES FIXTURE TYPE – CONNECT UNSWITCHED LEG OF LIGHTING BRANCH CIRCUIT TO INPUT

WG E1 — EMERGENCY REMOTE DUAL LIGHTING HEAD (WITH WIRE GUARD WHERE INDICATED) – LETTER INDICATES FIXTURE TYPE

X / VRS 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).

DEVICE BOX MOUNTED 6" ABOVE COUNTERTOP BACKSPLASH LEVEL

+42" — DEVICE BOX MOUNTED 42" A.F.F. (MOUNTING HEIGHT TO BE AS INDICATED)

R — 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. HBL5362GY OR APPROVED EQUAL BY BRYANT, COOPER, LEVITON OR PASS & SEYMOUR). MOUNT 18" A.F.F. UNLESS OTHERWISE NOTED.

RI — 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.

R2 — 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.

G — 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.

GWP — GFCI RECEPTACLE OUTLET AS ABOVE WITH WEATHERPROOF WHILE–IN–USE DEVICE COVER. UNLESS OTHERWISE NOTED, DEVICE COVER SHALL BE HORIZONTAL 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.

S S — 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.

S3 — 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.

S3WP — SINGLE–POLE, DOUBLE THROW 3–POSITION TOGGLE SWITCH AS ABOVE WITH VERTICAL WEATHERPROOF WHILE–IN–USE DEVICE COVER. DEVICE COVER SHALL BE HEAVY DUTY GRAY DIE–CAST ALUMINUM OR ZINC WITH ADAPTER PLATE AND GASKETING SUITABLE FOR USE WITH TOGGLE SWITCH (HUBBELL CAT. NO. WP826 OR APPROVED EQUAL BY PASS & SEYMOUR). MOUNT 24" A.F.F. UNLESS OTHERWISE NOTED.

OCSWG — 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).

OCSWG — 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).

P — 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).

M — 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.

M — 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.

PS — 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.

J JWP — JUNCTION BOX – STANDARD, WEATHERPROOF

T — TRANSFORMER AS INDICATED – EXACT MOUNTING LOCATION TO BE FIELD–COORDINATED

SAFETY SWITCH AS INDICATED – EXACT MOUNTING LOCATION TO BE FIELD–COORDINATED

CB — ENCLOSED CIRCUIT BREAKER AS INDICATED – EXACT MOUNTING LOCATION TO BE FIELD–COORDINATED

MOTOR OUTLET

TC — 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

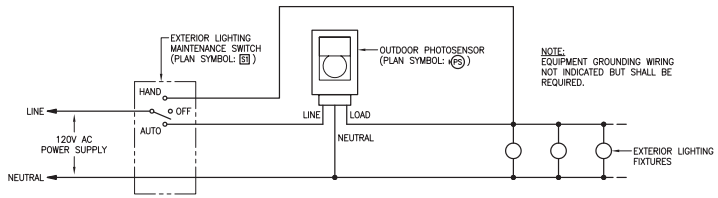
LOW–VOLTAGE WIRING – PROVIDE RACEWAY AS REQUIRED FOR INSTALLATION

CONDUIT TURNS UP, CONDUIT TURNS DOWN

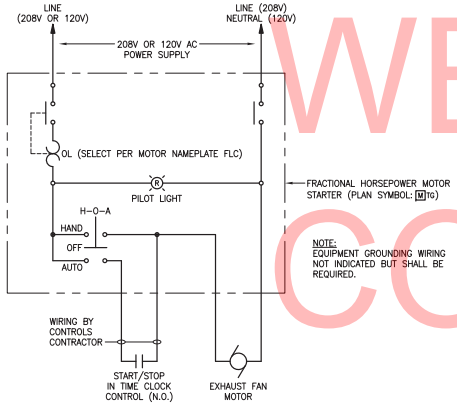
PANELBOARD – SURFACE MOUNTED, FLUSH MOUNTED – MOUNT TOP OF PANEL 6'–0" A.F.F. UNLESS OTHERWISE NOTED

UNOFFICIAL WEBSITE COPY

DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE AS NOTED	INDIAN RIVER INLET PARK ENHANCEMENTS	CONTRACT T200507303	BRIDGE NO. X	ELECTRICAL LEGEND & ABBREVIATIONS E0-01	SHEET NO. CD197
				COUNTY SUSSEX	DRAWN BY: AHH		TOTAL SHTS. CD282
					CHECKED BY: JRF		



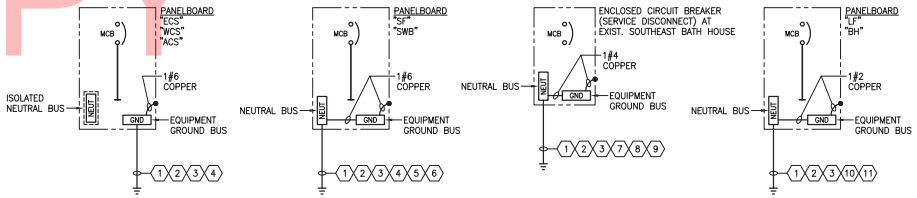
1 E0-02 EXTERIOR LIGHTING CONTROL WIRING DIAGRAM
SCALE: NONE



2 E0-02 EXHAUST FAN WIRING DIAGRAM
SCALE: NONE

LIGHTING FIXTURE SCHEDULE

FIXTURE TYPE	MANUFACTURER MODEL NO.	LAMPS QTY.	LAMPS TYPE	BALLASTS QTY.	BALLASTS TYPE	INPUT VOLTS	INPUT WATTS	INPUT VA	DESCRIPTION
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 CFT632HEB-STF6D2HPLTRG (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 LZ25NDI-03L(-VRS-4X) (OR APPROVED EQUAL BY CHLORIDE 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 CHLORIDE 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 CHLORIDE 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.
F	HUBBELL LFS-12LU-5K-W-___ (OR APPROVED EQUAL BY DAY-BRITE OR LITHONIA)	–	LED ARRAY 5000K	1	HIGH POWER FACTOR LED DRIVER	120	12.8	15	COMPACT DECORATIVE LED FLOODLIGHT WITH WIDE OPTICAL DISTRIBUTION, DIE CAST ALUMINUM HOUSING, POLYESTER POWDER PROTECTIVE FINISH, SILICONE GASKETING AND WET LOCATION LISTING. FLUSH MOUNT ON INSIDE OF PAVILION POST 7'-0" A.F.F. AND AIM UPWARD AS REQUIRED TO ILLUMINATE UNDERSIDE OF PAVILION ROOF STRUCTURE. COLOR TO MATCH THAT OF PAVILION POSTS; COORDINATE WITH ARCHITECT. PROVIDE ALL MOUNTING ACCESSORIES & HARDWARE AS REQUIRED.
X	DUAL-LITE LXURWEI(-VRS3) (OR APPROVED EQUAL BY CHLORIDE OR LITHONIA)	–	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.



3 E0-02 GROUNDING & BONDING DETAILS
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.

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DELAWARE
DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE AS NOTED

INDIAN RIVER INLET
PARK ENHANCEMENTS

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

LIGHTING FIXTURE SCHEDULE, DETAILS & DIAGRAMS
E0-02

SHEET NO.
CD198
TOTAL SHTS.
CD282

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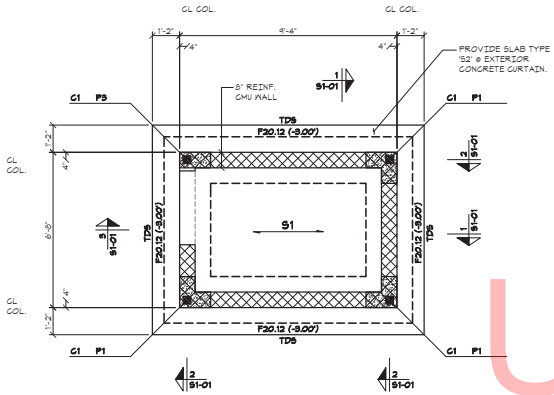
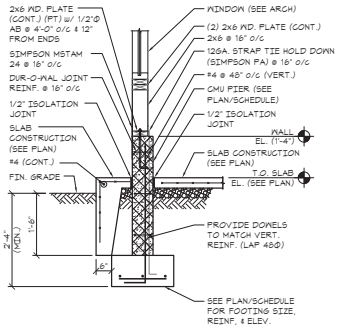


BLDG #1: FOUNDATION PLAN

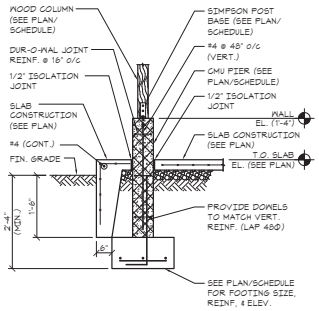
SCALE: 3/8" = 1'-0"

NOTES:

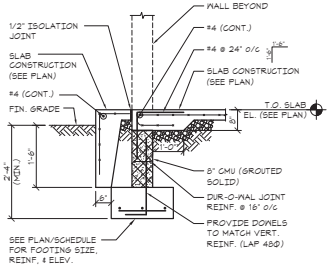
1. TOP OF SLAB EL. = DATUM EL. (0.00') UNLESS NOTED OTHERWISE THUS (...).
2. 'TD5' INDICATES TURNED DOWN SLAB. SEE TYPICAL DETAIL ON DRAWING S0-04.
3. COORDINATE ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS PRIOR TO BUILDING LAYOUT.
4. [S1] INDICATES 4" CONCRETE SLAB ON GRADE w/ 6x6-W1.4x1.4 WWF OVER 4" CRUSHED STONE.
5. [S2] INDICATES 4" CONCRETE SLAB ON GRADE w/ 6x6-W1.4x1.4 WWF (w/ 6% AIR ENTRAINMENT) OVER 4" CRUSHED STONE.
6. T.O. PIER EL. = 1'-4" ABOVE DATUM U.N.O.



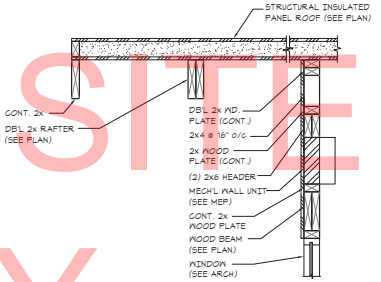
Section 1 S1-01



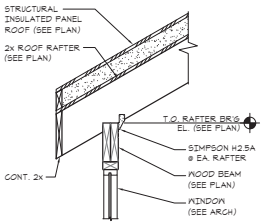
Section 2 S1-01



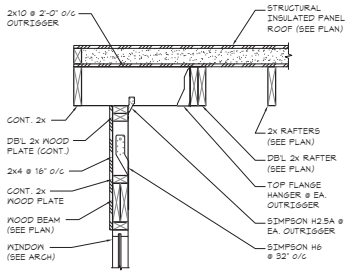
Section 3 S1-01



Section 4 S1-01

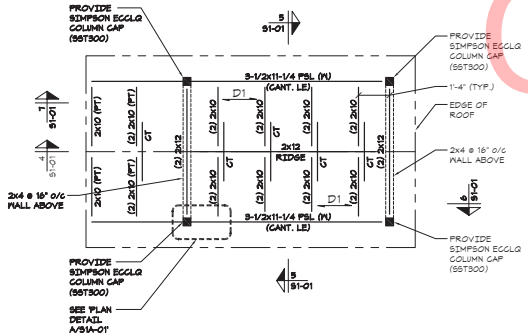


Section 5 S1-01



Section 6 S1-01

NOTE: ALL SIMPSON CONNECTORS TO BE SST300, STAINLESS STEEL FINISH

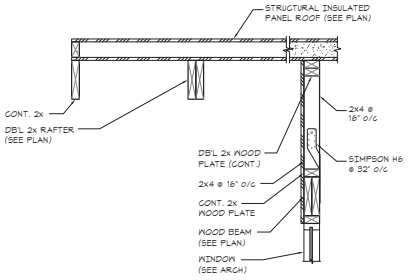


BLDG #1: ROOF FRAMING PLAN

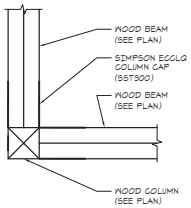
SCALE: 3/8" = 1'-0"

NOTES:

1. RAFTER BEARING EL. = (8'-4") ABOVE DATUM EL.
2. [SI] INDICATES STRUCTURAL INSULATED PANEL SYSTEM w/ MIN. 7/16" PLYWOOD OSB ROOF SHEATHING.
3. ALL SIMPSON HURRICANE TIES TO BE SST300 STAINLESS STEEL FINISH.
4. 'CT' INDICATES 2x6 COLLAR TIES @ EA. RAFTER. CONNECT w/ (3) 1/4"x2-1/2" LG. SDS WOOD SCREWS (SEE 'COLLAR TIE ELEVATION' ON DWG. S0-05).

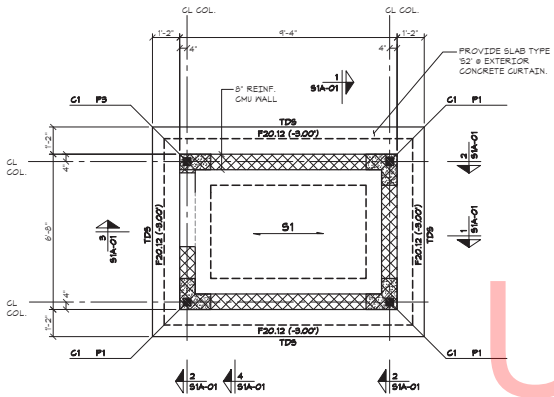


Section 7 S1-01



Section A S1-01

DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE AS NOTED	INDIAN RIVER INLET PARK ENHANCEMENTS	CONTRACT T200507303	BRIDGE NO. X	SOUTHEAST CONTACT STATION - BUILDING 1E PLANS / DETAILS	SHEET NO. CD199
				COUNTY SUSSEX	DRAWN BY: JNR		TOTAL SHTS. 282
					CHECKED BY: JRB	S1-01	

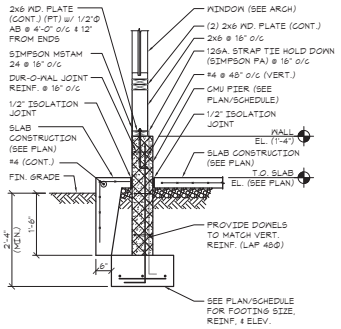


BLDG #1A: FOUNDATION PLAN

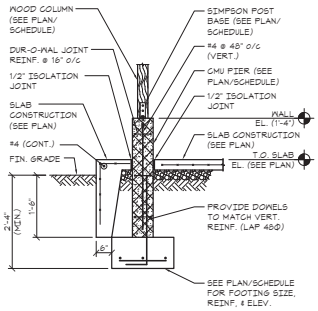
SCALE: 3/8" = 1'-0"

NOTES:

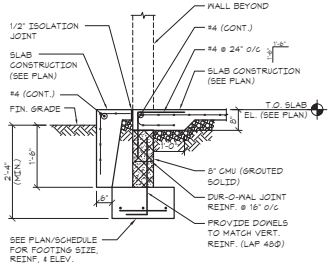
1. TOP OF SLAB EL. = DATUM EL. (0.00') UNLESS NOTED OTHERWISE THUS (...).
2. 'TDS' INDICATES TURNED DOWN SLAB. SEE TYPICAL DETAIL ON DRAWING S0-04.
3. COORDINATE ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS PRIOR TO BUILDING LAYOUT.
4. '4' INDICATES 4" CONCRETE SLAB ON GRADE w/ 6x6-W1.4x1.4 WWF OVER 4" CRUSHED STONE.
5. '6' INDICATES 4" CONCRETE SLAB ON GRADE w/ 6x6-W1.4x1.4 WWF (w/ 6% AIR ENTRAINMENT) OVER 4" CRUSHED STONE.
6. T.O. PIER EL. = 1'-4" ABOVE DATUM U.N.O.



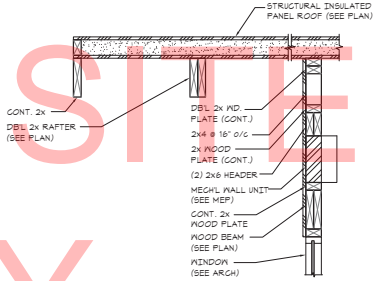
Section 1 S1-02



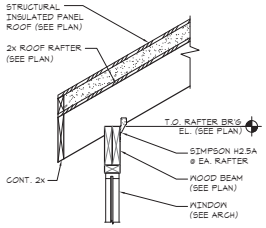
Section 2 S1-02



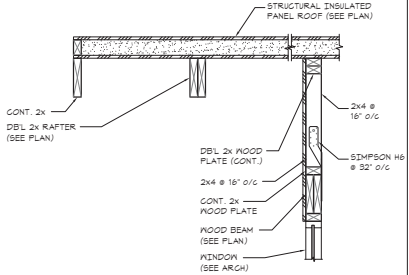
Section 3 S1-02



Section 4 S1-02

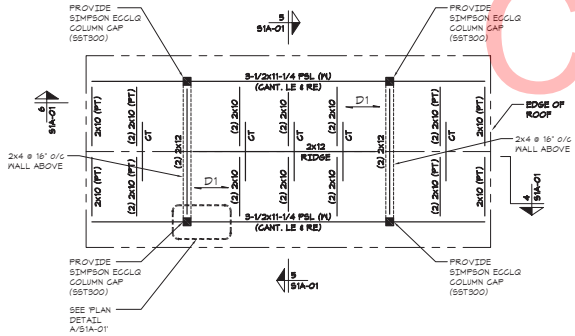


Section 5 S1-02



Section 6 S1-02

NOTE: ALL SIMPSON CONNECTORS TO BE SST300, STAINLESS STEEL FINISH

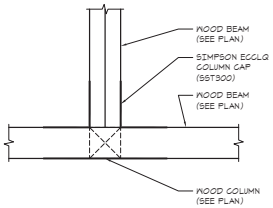


BLDG #1A: ROOF FRAMING PLAN

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

NOTES:

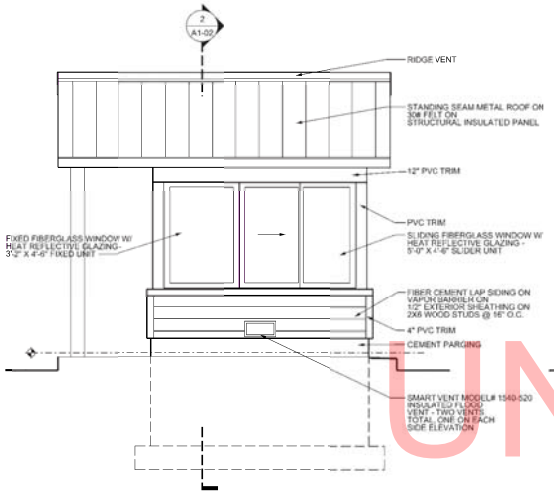
1. RAFTER BEARING EL. = (8'-4") ABOVE DATUM EL.
2. 'SI...' INDICATES STRUCTURAL INSULATED PANEL SYSTEM w/ MIN. 7/16" PLYWOOD/OSB ROOF SHEATHING.
3. ALL SIMPSON HURRICANE TIES TO BE SST300 STAINLESS STEEL FINISH.
4. 'CT' INDICATES 2x6 COLLAR TIES @ EA. RAFTER. CONNECT w/ (3) 1/4"x2-1/2" LG. SDS WOOD SCREWS (SEE 'COLLAR TIE ELEVATION' ON DWG. S0-05).
5. '(PL)' INDICATES POLYMANIZED TREATED MEMBER.



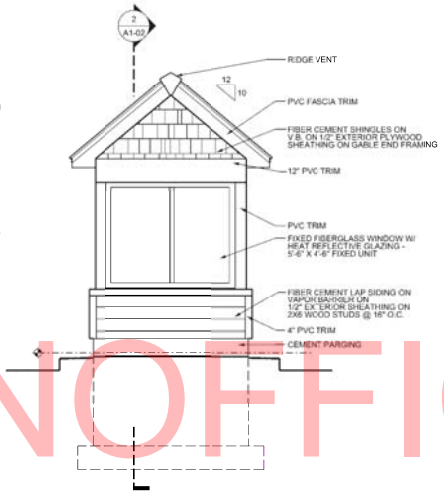
Section A S1-02

UNOFFICIAL WEBSITE COPY

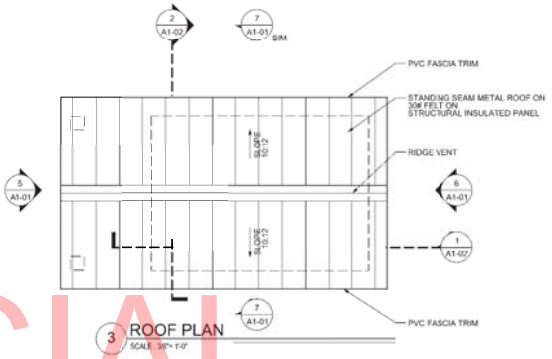
DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE AS NOTED	INDIAN RIVER INLET PARK ENHANCEMENTS	CONTRACT T200507303	BRIDGE NO. X	SOUTHWEST CONTACT STATION - BUILDING 1W PLANS / DETAILS S1-02	SHEET NO. CD200
				COUNTY SUSSEX	DRAWN BY: JNR		TOTAL SHTS. 282
					CHECKED BY: JRB		



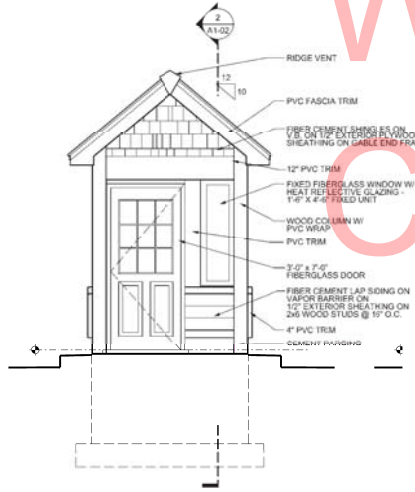
7 SIDE ELEVATION
SCALE : 3/8"= 1'-0"



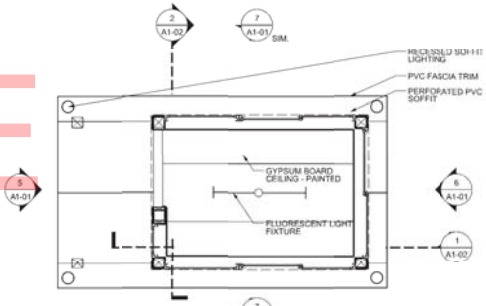
6 REAR ELEVATION
SCALE : 3/8"= 1'-0"



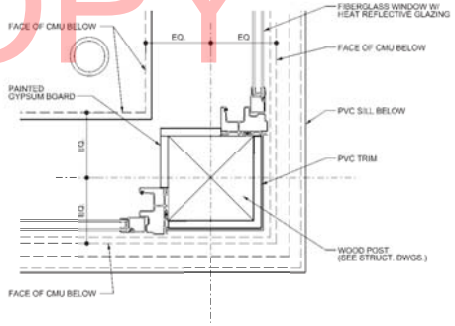
3 ROOF PLAN
SCALE : 3/8"= 1'-0"



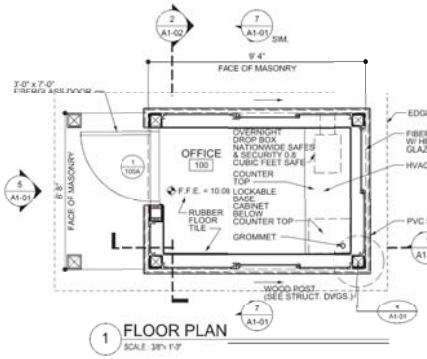
5 FRONT ELEVATION
SCALE : 3/8"= 1'-0"



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



4 CORNER DETAIL
SCALE : 3"= 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.

UNOFFICIAL WEBSITE COPY

DELAWARE
DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

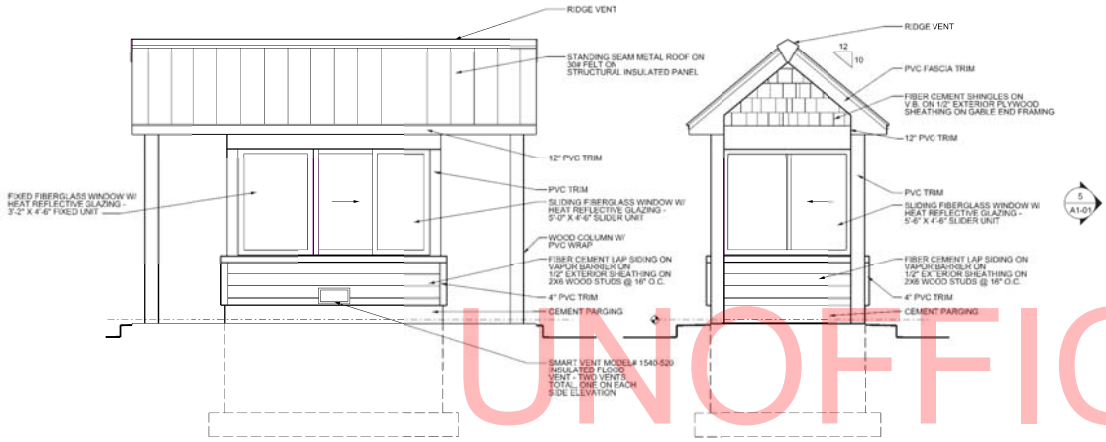
SCALE AS NOTED

INDIAN RIVER INLET
PARK ENHANCEMENTS

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

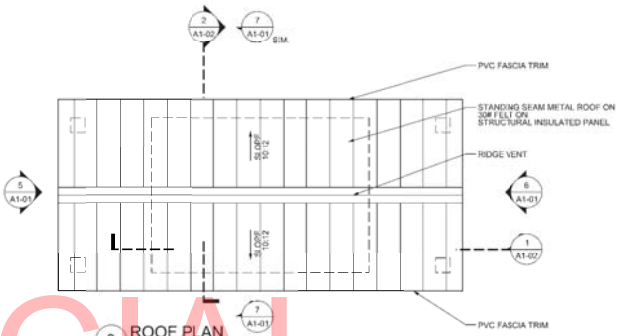
SOUTHEAST CONTACT STATION - BUILDING 1E
PLANS AND EXTERIOR ELEVATIONS
A1-01

SHEET NO.	CD201
TOTAL SHTS.	282

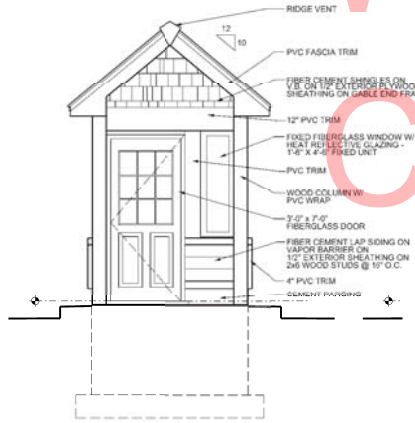


7 SIDE ELEVATION
SCALE : 3/8"= 1'-0"

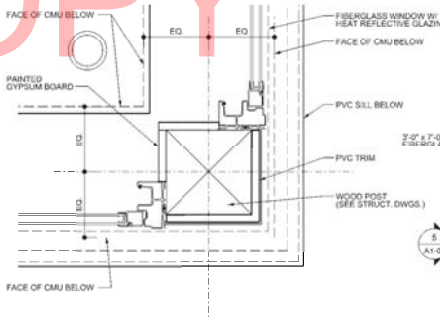
6 REAR ELEVATION
SCALE : 3/8"= 1'-0"



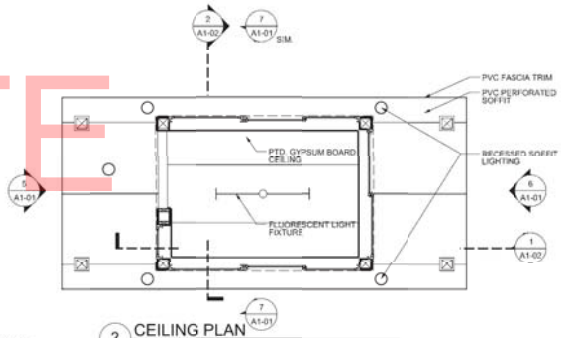
3 ROOF PLAN
SCALE : 3/8"= 1'-0"



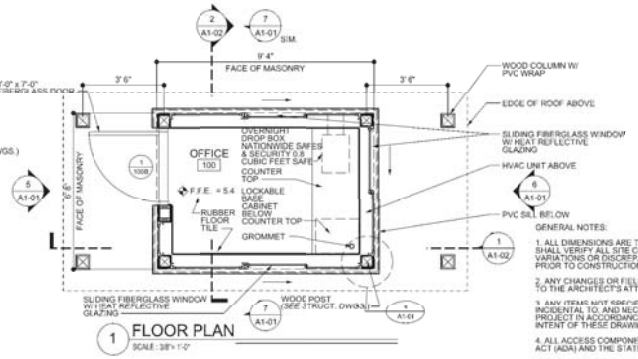
5 FRONT ELEVATION
SCALE : 3/8"= 1'-0"



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.

UNOFFICIAL WEBSITE COPY

DELAWARE
DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE AS NOTED

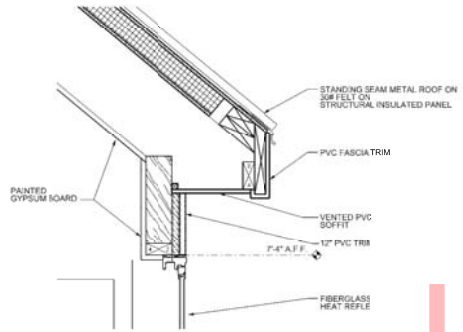
INDIAN RIVER INLET
PARK ENHANCEMENTS

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

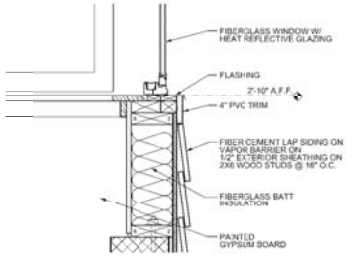
SOUTHWEST CONTACT STATION - BUILDING 1W
PLANS AND EXTERIOR ELEVATIONS
A1-02

SHEET NO.	CD202
TOTAL SHTS.	282

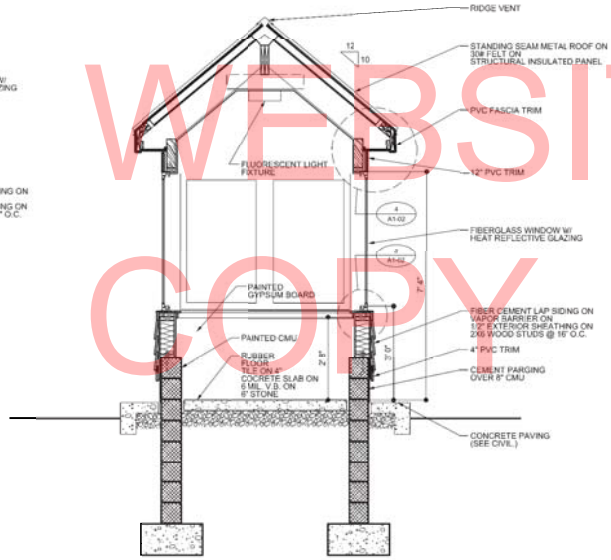
UNOFFICIAL WEBSITE COPY



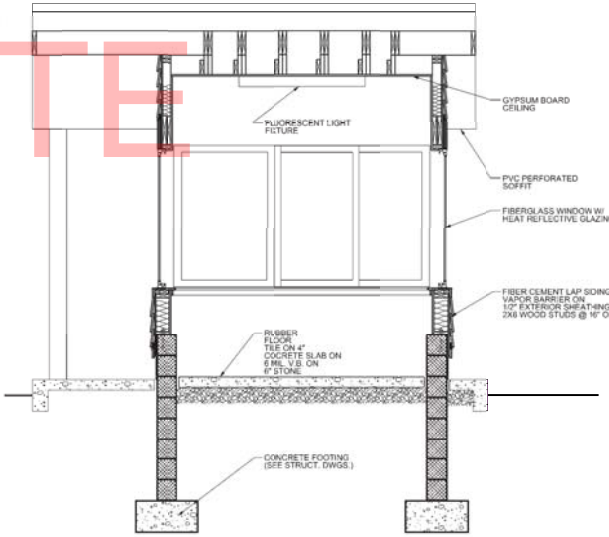
4 DETAIL
SCALE : 1 1/2"= 1'-0"



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

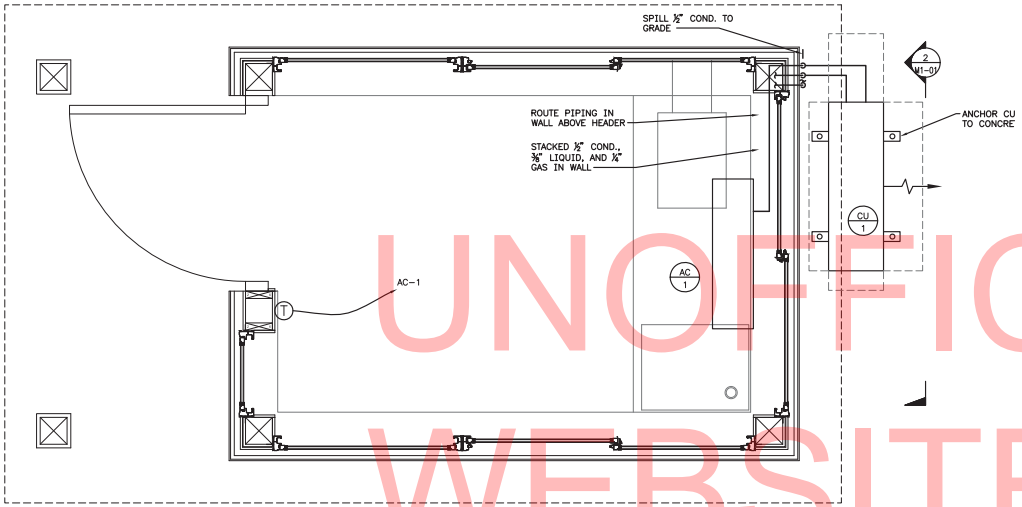


2 SECTION
SCALE : 1/2"= 1'-0"



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

DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE AS NOTED	INDIAN RIVER INLET PARK ENHANCEMENTS	CONTRACT T200507303	BRIDGE NO. X	SOUTHEAST CONTACT STATION - BUILDING 1E (BUILDING 1W SIMILAR) SECTION & DETAILS A1-03	SHEET NO. CD203
				COUNTY SUSSEX	DRAWN BY: JAA		TOTAL SHTS. 282
					CHECKED BY: WJS		



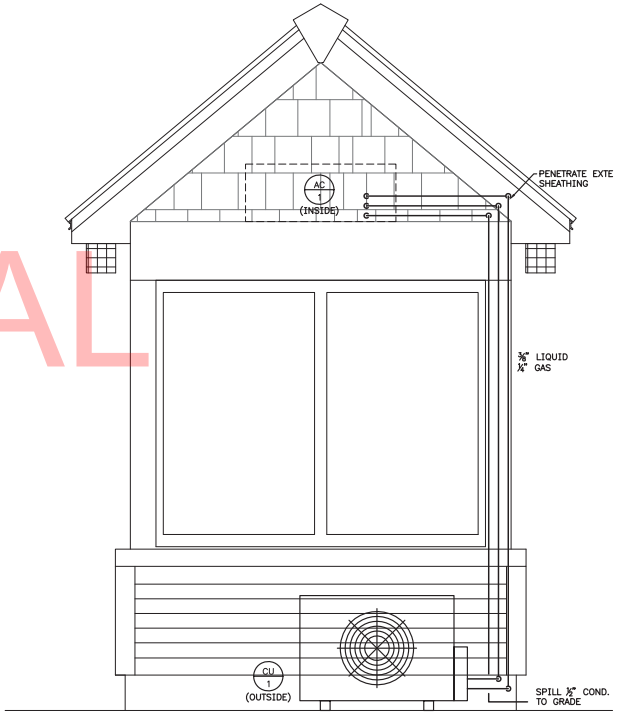
N 1 M1-01 MECHANICAL PLAN
SCALE: 1"=1'-0"

UNOFFICIAL WEBSITE COPY

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.



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

DELAWARE
DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

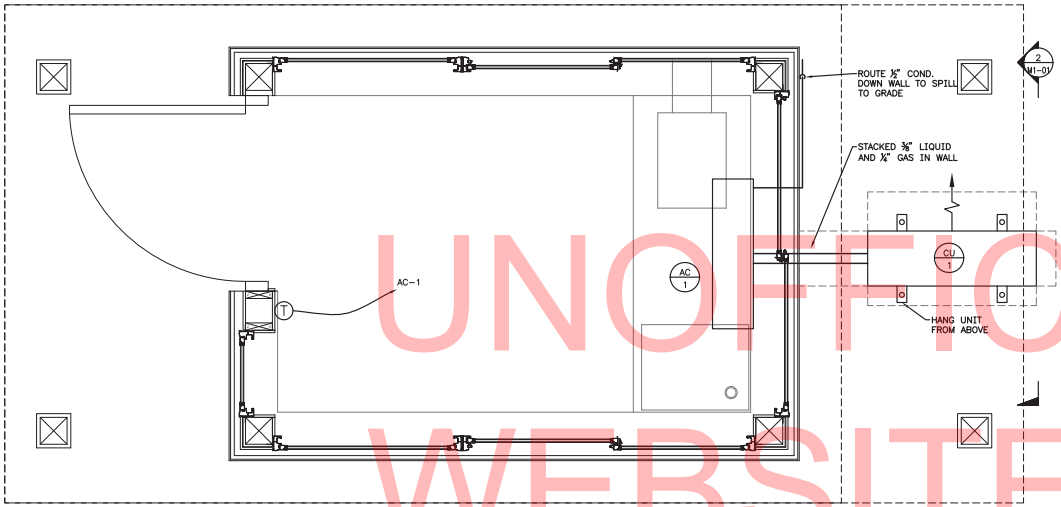
SCALE AS NOTED

INDIAN RIVER INLET
PARK ENHANCEMENTS

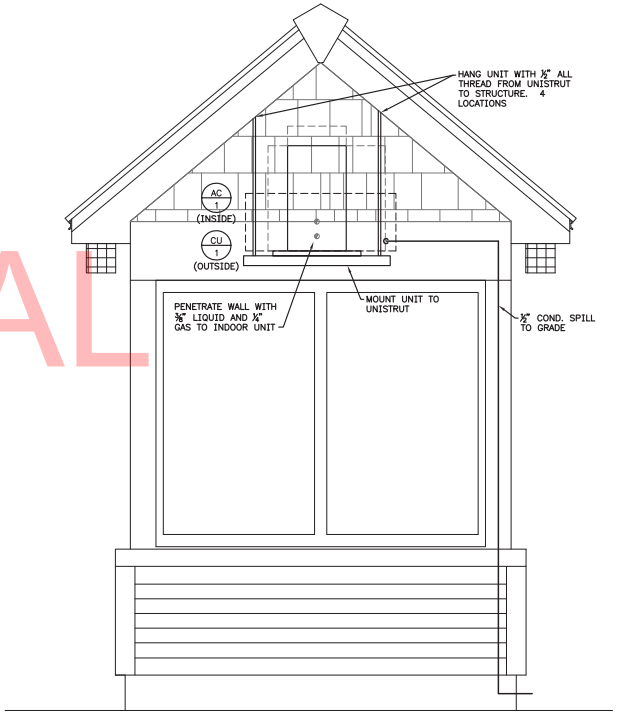
CONTRACT	BRIDGE NO.	X
T200507303	DRAWN BY:	MLF
COUNTY	CHECKED BY:	JRF
SUSSEX		

SOUTHEAST CONTACT STATION
BUILDING 1E
MECHANICAL PLAN & DETAILS
M1-01

SHEET NO.	CD204
TOTAL SHTS.	CD282



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



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

UNOFFICIAL WEBSITE COPY

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.

DELAWARE
DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

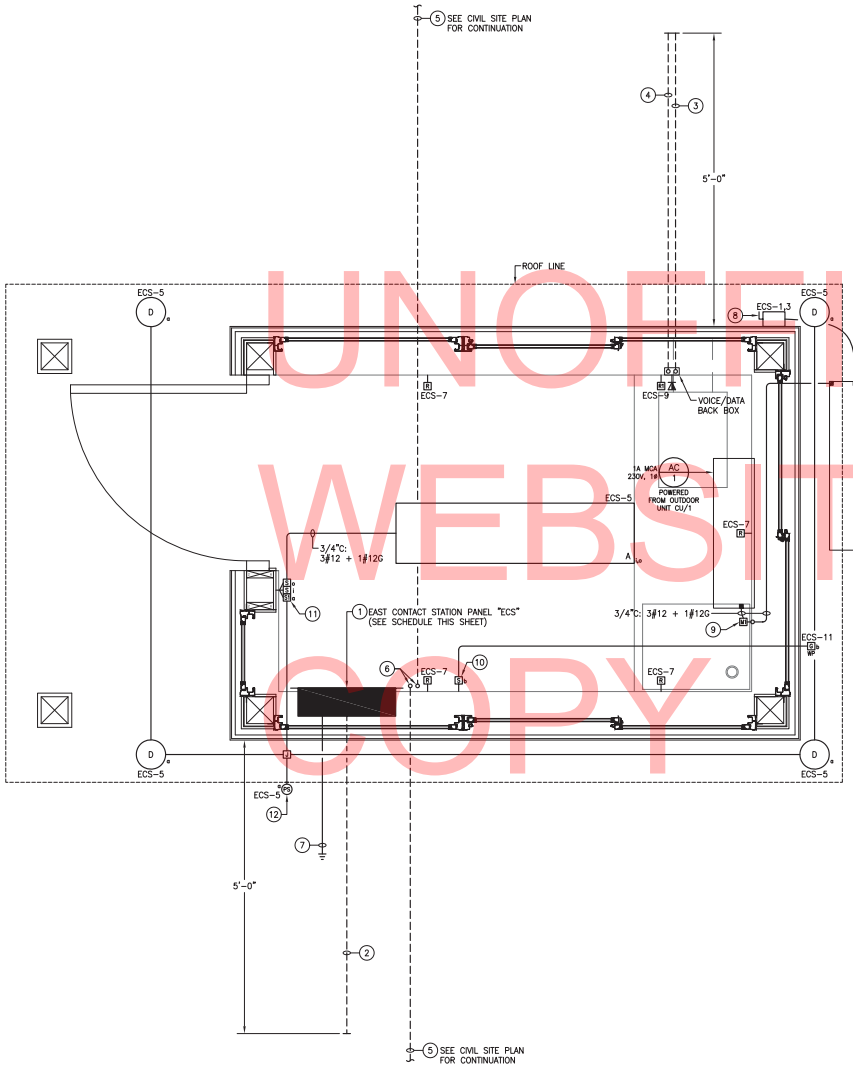
SCALE AS NOTED

INDIAN RIVER INLET
PARK ENHANCEMENTS

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

SOUTHWEST CONTACT STATION
BUILDING 1W
MECHANICAL PLAN & DETAILS
M1-02

SHEET NO. CD205
TOTAL SHTS. CD282



SOUTHEAST CONTACT STATION – ELECTRICAL PLAN

N — 1 / E1-01

SCALE: 1"=1'-0"

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, 1ø, 3W

SOURCE: CONCESSIONS BUILDING — MAIN BREAKER: 60A (BACKFED)

DESCRIPTION	BRKR SIZE	CIR NO	A	B	CIR NO	BRKR SIZE	DESCRIPTION
SPLIT SYSTEM AIR COND. OUTDOOR & INDOOR UNIT	15A	1			2	20A	SPARE
		3			4	20A	SPARE
LTG – INTERIOR/EXTERIOR	20A	5			6	20A	SPARE
REC – GENERAL INTERIOR	20A	7			8	20A	SPARE
REC – SURGE PROTECTED	20A	9			10	–	PREPARED SPACE
REC – EXTERIOR	20A	11			12	–	PREPARED SPACE
SPARE	20A	13			14	–	PREPARED SPACE
BACKFED MAIN CIRCUIT BREAKER	60A	15			16	–	PREPARED SPACE
		17			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.

UNOFFICIAL WEBSITE COPY

DELAWARE
DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

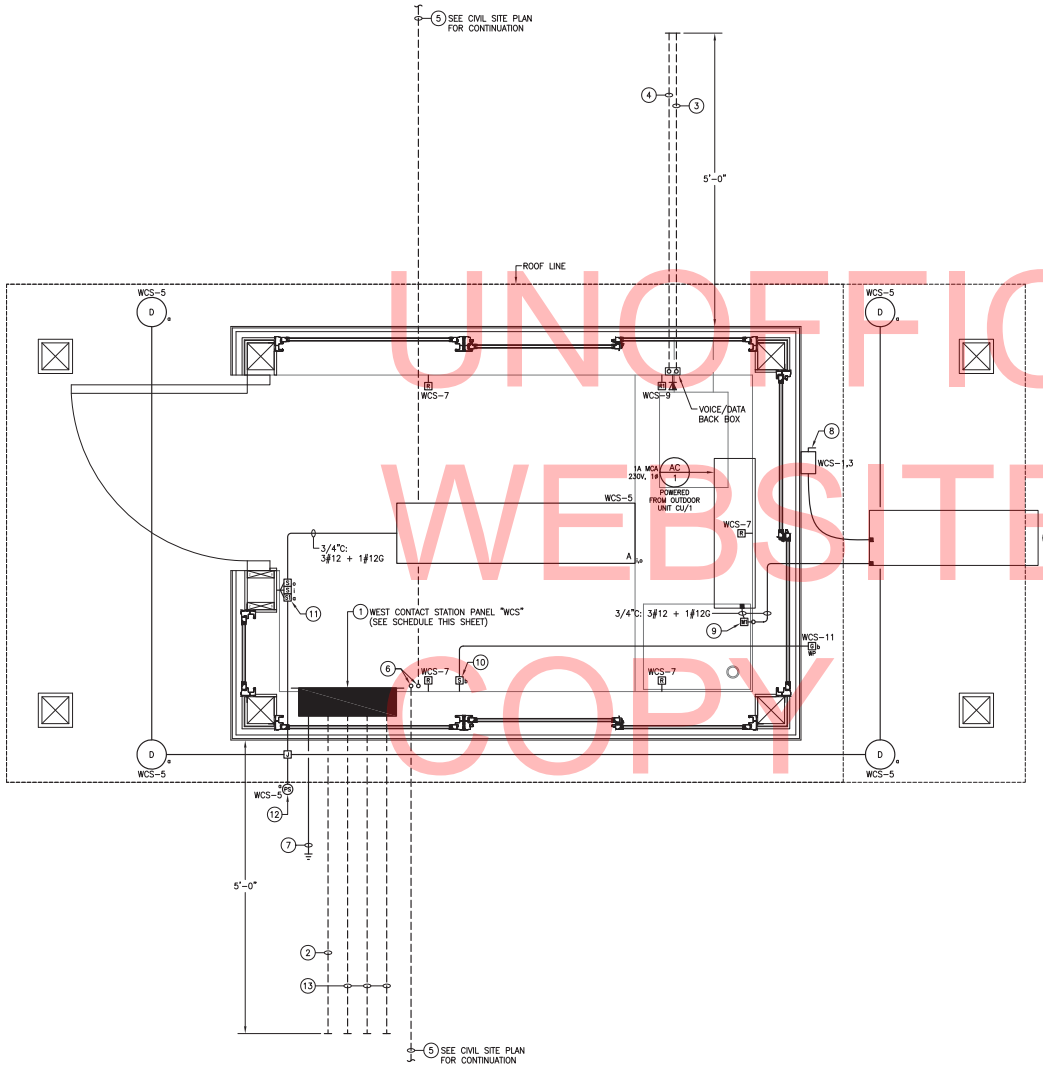
SCALE AS NOTED

INDIAN RIVER INLET
PARK ENHANCEMENTS

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

SOUTHEAST CONTACT STATION
BUILDING 1E
ELECTRICAL PLAN
E1-01

SHEET NO.	
CD206	
TOTAL SHTS.	
CD282	



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

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, 1ø, 3W

SOURCE: EXIST. SOUTHEAST BATH HOUSE PANEL "SEB" MAIN BREAKER: 60A (BACKFED)

DESCRIPTION	BRKR SIZE	CIR NO		CIR NO	BRKR SIZE	DESCRIPTION
SPLIT SYSTEM AIR COND. OUTDOOR & INDOOR UNIT	15A	1	A	2	20A	(RESERVED FOR SITE LTG.)
		3	B	4	20A	(RESERVED FOR SITE LTG.)
LTG – INTERIOR/EXTERIOR	20A	5	A	6	20A	(RESERVED FOR SITE LTG.)
REC – GENERAL INTERIOR	20A	7	B	8	20A	SPARE
REC – SURGE PROTECTED	20A	9	A	10	20A	SPARE
REC – EXTERIOR	20A	11	B	12	20A	SPARE
SPARE	20A	13	A	14	20A	SPARE
BACKFED MAIN CIRCUIT BREAKER	60A	15		16	–	PREPARED SPACE
		17		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.

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DELAWARE
DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

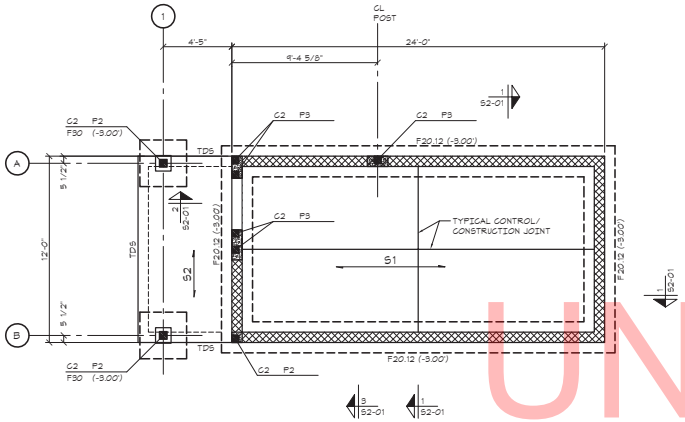
SCALE AS NOTED

INDIAN RIVER INLET
PARK ENHANCEMENTS

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

SOUTHWEST CONTACT STATION
BUILDING 1W
ELECTRICAL PLAN
E1-02

SHEET NO. CD207
TOTAL SHTS. CD282

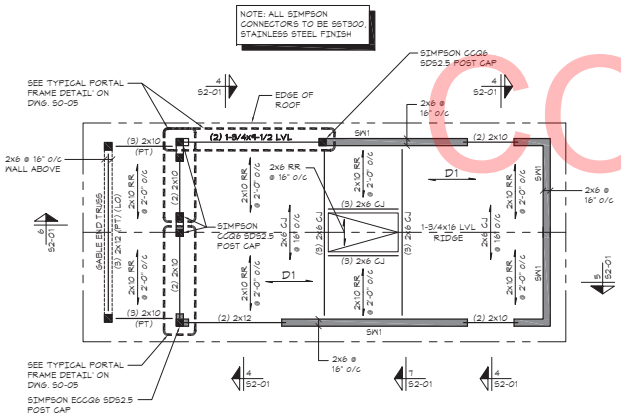


BLDG #2: FOUNDATION PLAN

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

NOTES:

1. TOP OF SLAB EL. = DATUM EL. (0.00') UNLESS NOTED OTHERWISE THUS (...).
2. TOP OF PIER EL. = (+1'-4") ABOVE DATUM UNLESS NOTED OTHERWISE THUS [...].
3. 'TDS' INDICATES TURNED DOWN SLAB. SEE TYPICAL DETAIL ON DRAWING S0-04.
4. COORDINATE ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS PRIOR TO BUILDING LAYOUT.
5. S1 INDICATES 4" N.W. CONCRETE SLAB ON GRADE w/ 6x6-W1.4xW1.4 WWF OVER 6" CRUSHED STONE.
6. S2 INDICATES 4" N.W. CONCRETE SLAB ON GRADE (6% AIR ENTRAINMENT) w/ 6x6-W1.4xW1.4 WWF OVER 6" CRUSHED STONE.

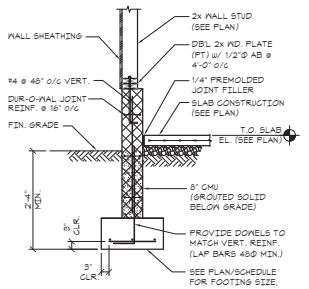


BLDG #2: ROOF FRAMING PLAN

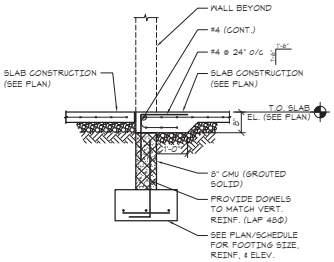
SCALE: 1/4" = 1'-0"

NOTES:

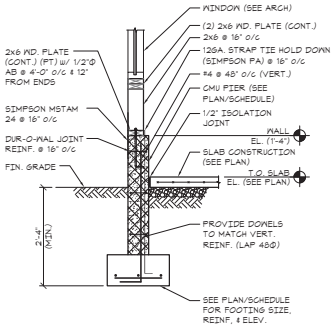
1. RAFTER BEARING EL. = (8'-4") ABOVE DATUM EL.
2. SEE PLAN FOR TOP OF JOIST (DECK BEARING) ELEVATION.
3. S1 INDICATES 5/8" T&G PLYWOOD ROOF SHEATHING.
4. 'CJ' INDICATES CEILING JOIST.
5. 'SW' INDICATES SHEARWALL. SEE SCHEDULE ON DRAWING S0-03 FOR ADDITIONAL INFORMATION.
6. INDICATES SHEARWALL LOCATION.
7. 'RR' INDICATES ROOF RAFTERS.



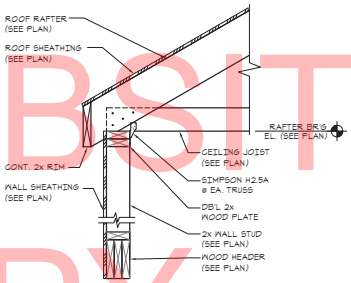
Section 1 S2-01



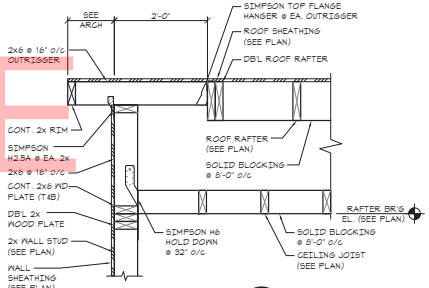
Section 2 S2-01



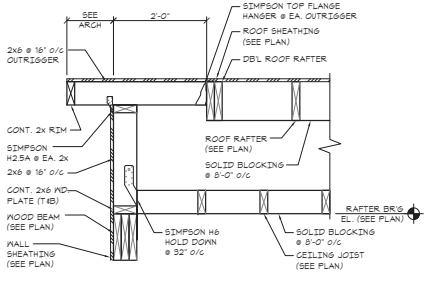
Section 3 S2-01



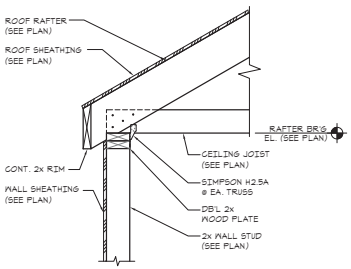
Section 4 S2-01



Section 5 S2-01



Section 6 S2-01



Section 7 S2-01

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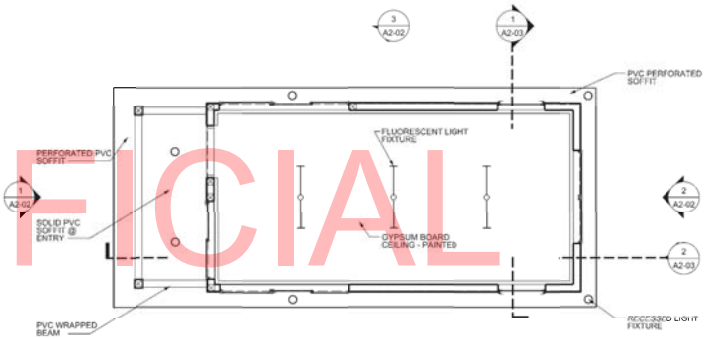
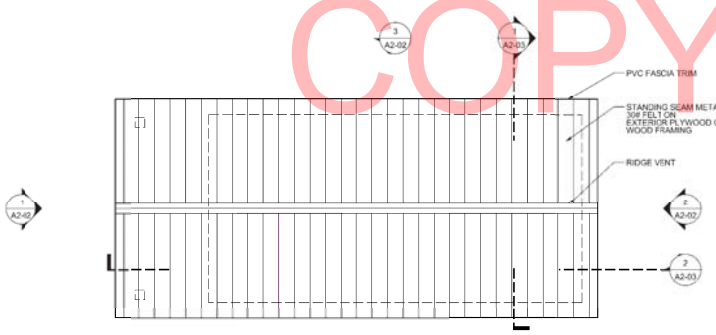
DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE AS NOTED	INDIAN RIVER INLET PARK ENHANCEMENTS	CONTRACT T200507303	BRIDGE NO. X	ADMINISTRATION CONTACT STATION - BUILDING 2 PLANS / DETAILS	SHEET NO. CD208
				COUNTY SUSSEX	DRAWN BY: JNR		TOTAL SHTS. 282
					CHECKED BY: JRB	S2-01	

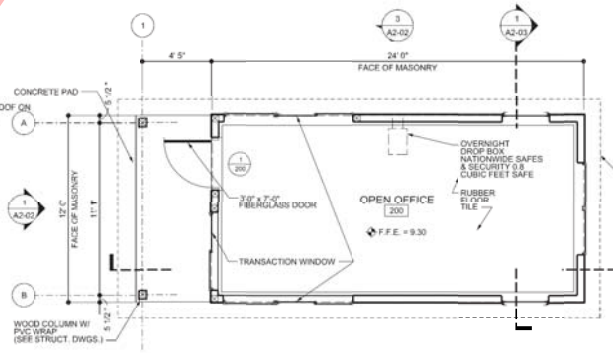
UNOFFICIAL WEBSITE COPY



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



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

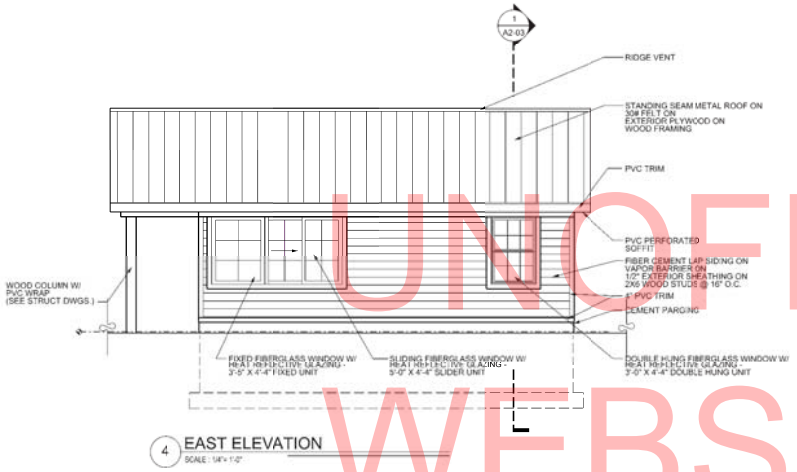


1 FLOOR PLAN
SCALE : 1/4"= 1'-0"

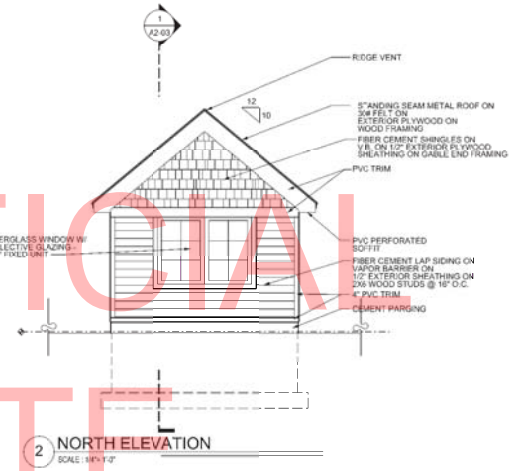
GENERAL NOTES:

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 THE CONSTRUCTION.
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.

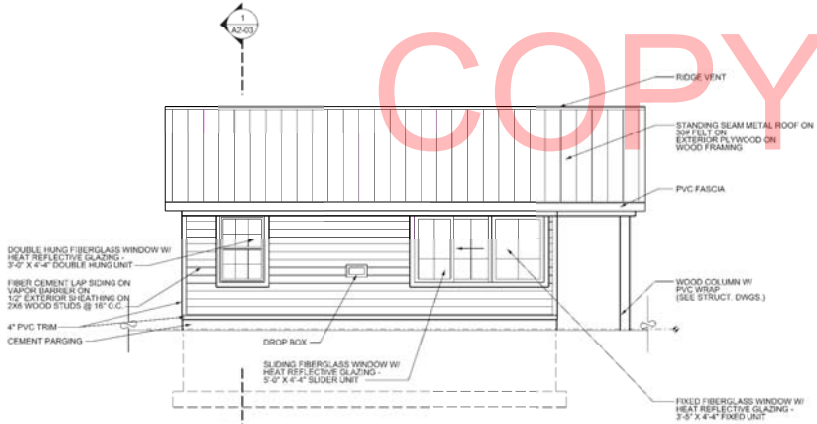
DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE AS NOTED	INDIAN RIVER INLET PARK ENHANCEMENTS	CONTRACT T200507303	BRIDGE NO. X	ADMINISTRATION CONTACT STATION - BUILDING 2 PLANS A2-01	SHEET NO. CD209
				COUNTY SUSSEX	DRAWN BY: JAA		TOTAL SHTS. 282
					CHECKED BY: WJS		



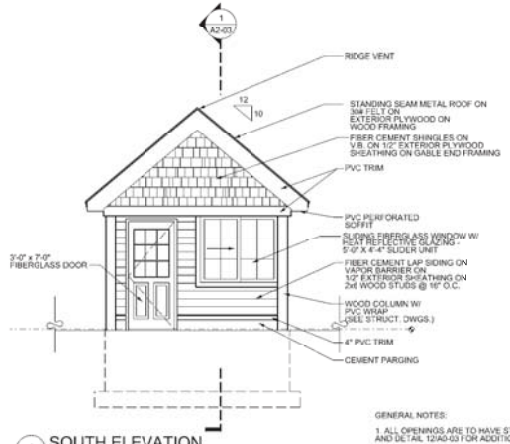
4 EAST ELEVATION
SCALE : 1/4"= 1'-0"



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.

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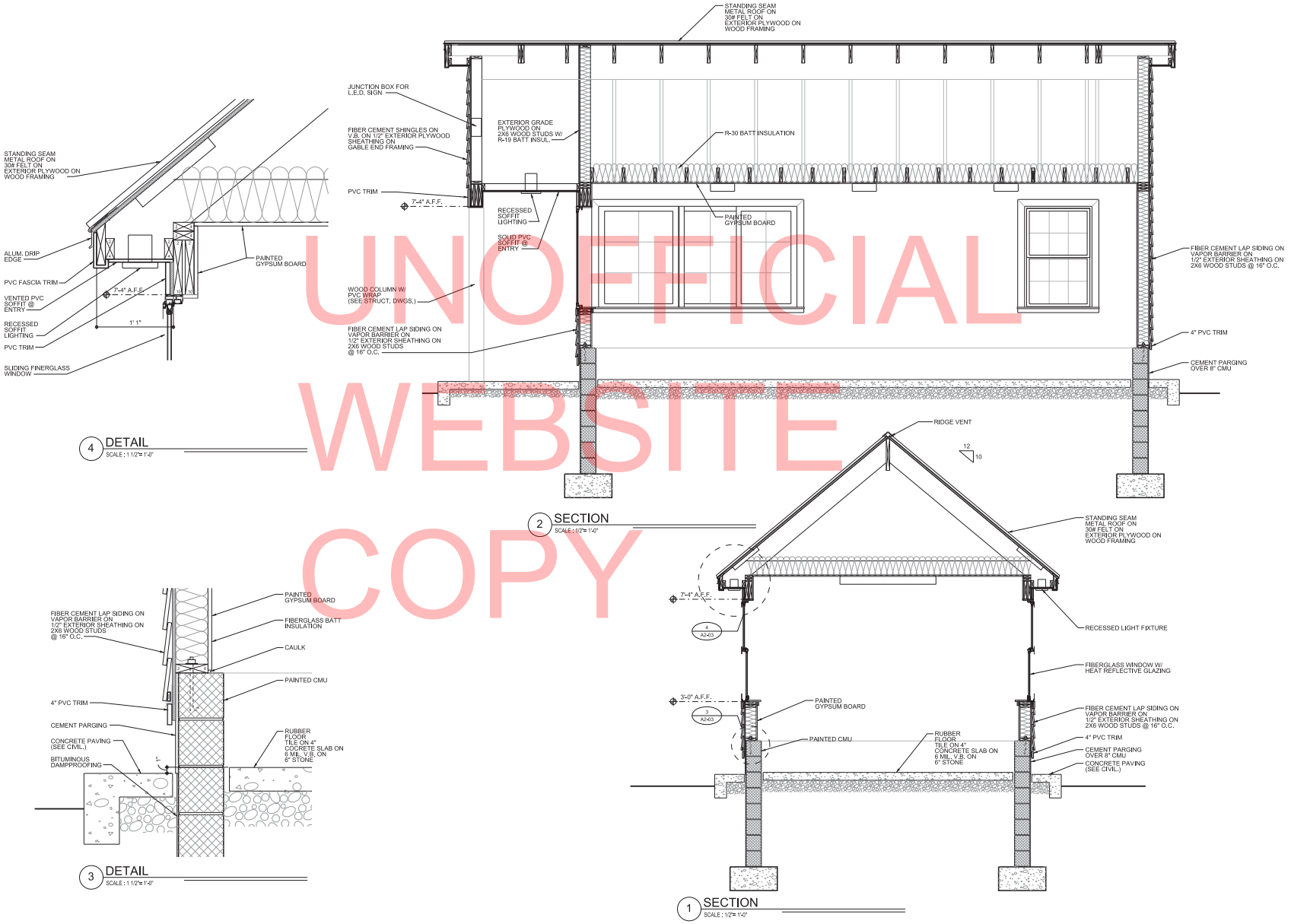
DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE AS NOTED	INDIAN RIVER INLET PARK ENHANCEMENTS	CONTRACT T200507303	BRIDGE NO. X	ADMINISTRATION CONTACT STATION - BUILDING 2 EXTERIOR ELEVATIONS A2-02	SHEET NO. CD210
				COUNTY SUSSEX	DRAWN BY: JAA		TOTAL SHTS. 282
					CHECKED BY: WJS		



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DELAWARE
DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS	

SCALE AS NOTED

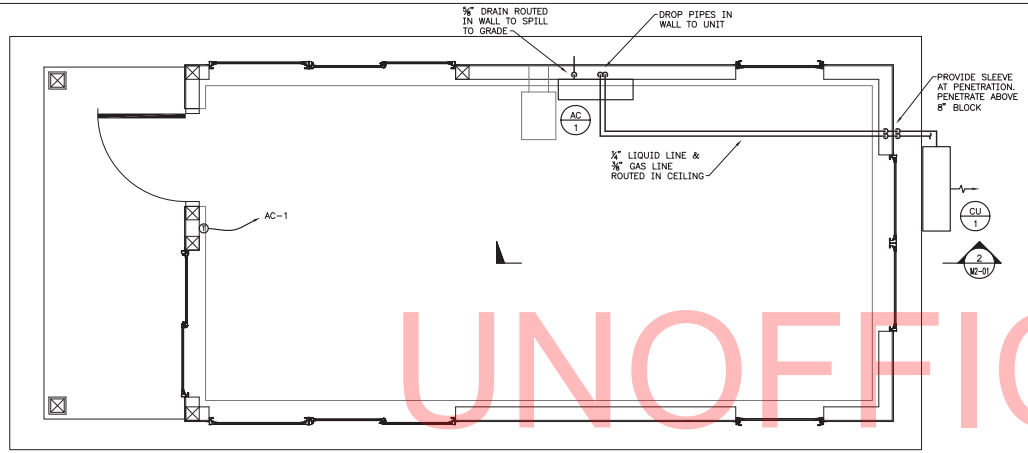
INDIAN RIVER INLET
PARK ENHANCEMENTS

CONTRACT	T200507303
COUNTY	SUSSEX

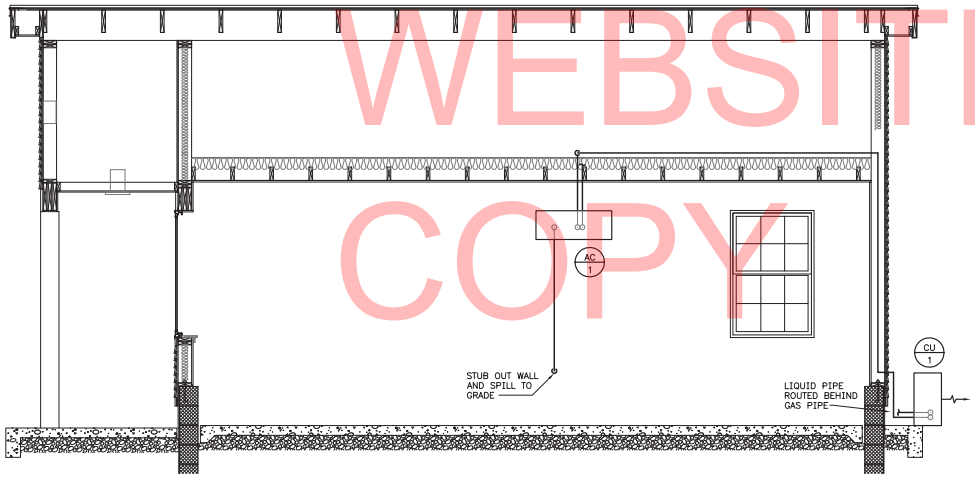
BRIDGE NO.	X
DRAWN BY:	JAA
CHECKED BY:	WJS

ADMINISTRATION CONTACT STATION - BUILDING 2
SECTIONS
A2-03

SHEET NO.	CD211
TOTAL SHTS.	282



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



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

UNOFFICIAL WEBSITE COPY

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.

DELAWARE
DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

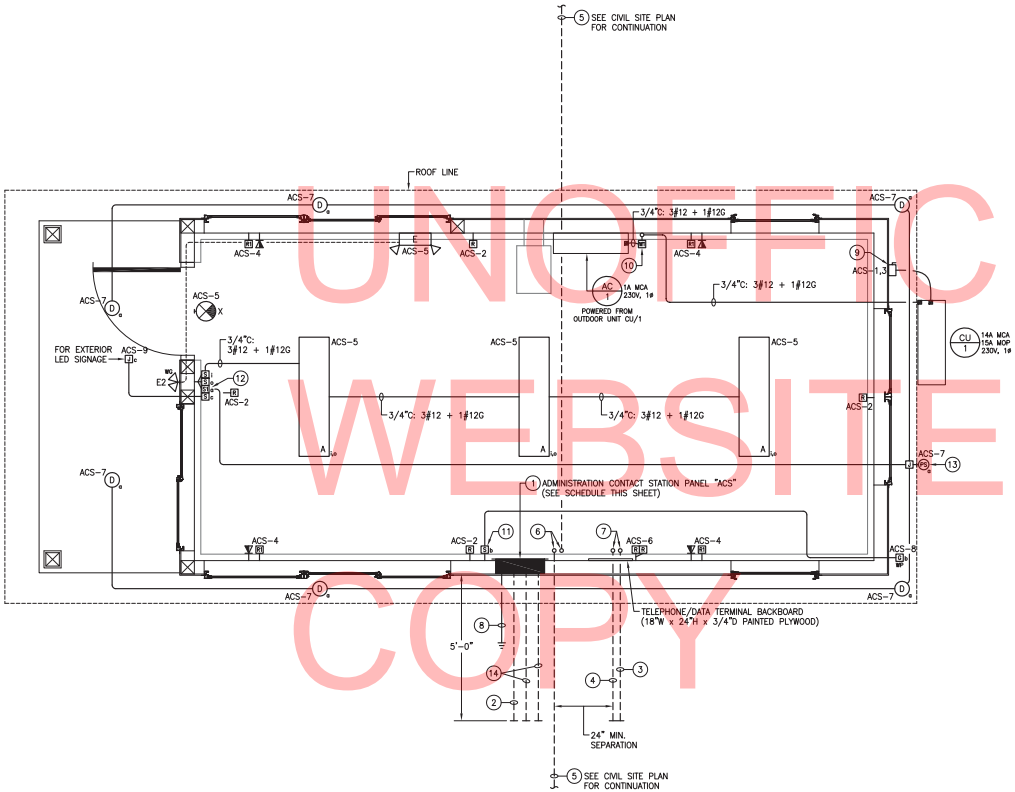
SCALE AS NOTED

INDIAN RIVER INLET
PARK ENHANCEMENTS

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

ADMINISTRATIVE CONTACT STATION BUILDING 2
MECHANICAL PLAN, DETAILS, & SCHEDULES
M2-01

SHEET NO.
CD212
TOTAL SHTS.
CD282



N 1 E2-01 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, 1ø, 3W

SOURCE: BATH HOUSE PANEL "BH" MAIN BREAKER: 60A

DESCRIPTION	BRKR SIZE	CIR NO	A	B	CIR NO	BRKR SIZE	DESCRIPTION
SPLIT SYSTEM AIR COND. OUTDOOR & INDOOR UNITS	15A	1			2	20A	REC – GENERAL INTERIOR
		3			4	20A	REC – SURGE PROTECTED
LTG – INTERIOR	20A	5			6	20A	REC – TELEPHONE EQPM.
LTG – EXTERIOR	20A	7			8	20A	REC – EXTERIOR
EXTERIOR LED SIGN	20A	9			10	20A	SPARE
SPARE	20A	11			12	20A	SPARE
SPARE	20A	13			14	20A	SPARE
(RESERVED FOR SITE LTG.)	20A	15			16	20A	SPARE
(RESERVED FOR SITE LTG.)	20A	17			18	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.

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DELAWARE
DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

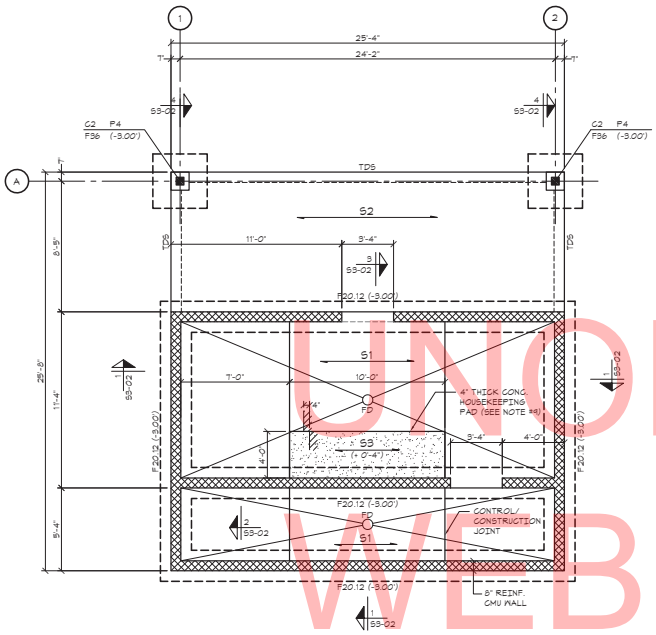
SCALE AS NOTED

INDIAN RIVER INLET
PARK ENHANCEMENTS

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

ADMINISTRATION CONTACT STATION BUILDING 2 ELECTRICAL PLAN E2-01

SHEET NO.	CD213
TOTAL SHTS.	CD282

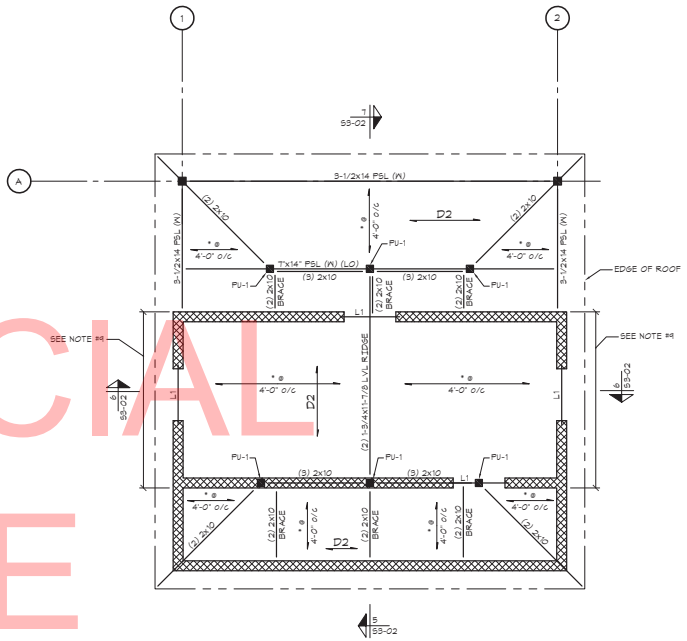


BLDG #3: FOUNDATION PLAN

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. 'TDS' INDICATES TURNED DOWN SLAB. SEE TYPICAL DETAIL ON DRAWING S0-04.
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 WWF OVER 6" CRUSHED STONE.
7. S2 INDICATES 4" CONCRETE SLAB ON GRADE (6% AIR ENTRAINMENT) w/ 6x6-W1.4x1.4 WWF OVER 6" CRUSHED STONE.
8. S3 INDICATES 4" CONCRETE SLAB ON GRADE w/ 6x6-W1.4x1.4 WWF w/ 4" THICK HOUSEKEEPING PAD. SEE TYPICAL DETAIL ON DWG. S0-04 FOR ADDITIONAL INFORMATION.
9. 'FD' INDICATES FLOOR DRAIN. SLOPE CONCRETE TO DRAIN AS REQUIRED.

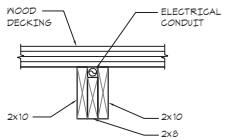


BLDG #3: ROOF FRAMING PLAN

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

NOTES:

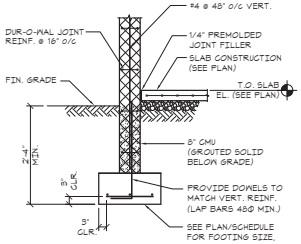
1. T.O. CMU WALL EL. = (8'-0") ABOVE DATUM EL.
2. 22 INDICATES 2x6 STRUCTURAL T&G WOOD DECKING.
3. 'L1' INDICATES (2) 6x3-1/2x5/8 STEEL ANGLE (GALVANIZED & PAINTED).
4. '*' INDICATES (2) 2x10 & 2x8 RAFTER ASSEMBLY. SEE TYPICAL DETAIL ON DWG. S5-01.
5. 'PT' INDICATES PRESSURE TREATED LUMBER.
6. 'W' INDICATES 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 (N) CONT. WOOD PLATE ON TOP OF CMU WALL.



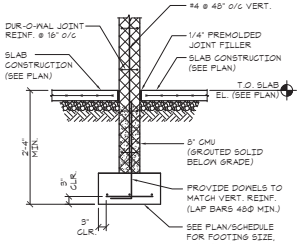
Typical (2) 2x10 + 2x8 Rafter Assembly

UNOFFICIAL WEBSITE COPY

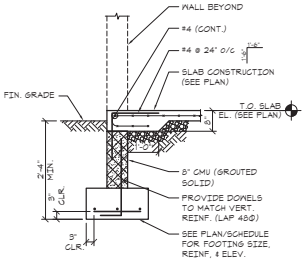
DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE AS NOTED	INDIAN RIVER INLET PARK ENHANCEMENTS	CONTRACT T200507303	BRIDGE NO. X	RV LAUNDRY FACILITY - BUILDING 3 PLANS / DETAILS	SHEET NO. CD214
				COUNTY SUSSEX	DRAWN BY: JNR		TOTAL SHTS. 282
					CHECKED BY: JRB	S3-01	



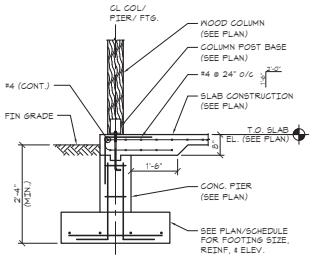
Section 1 S3-02



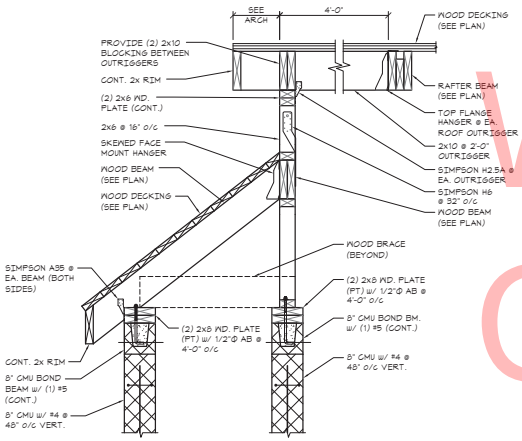
Section 2 S3-02



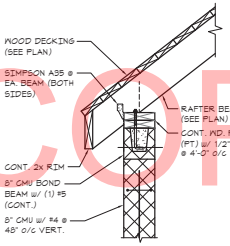
Section 3 S3-02



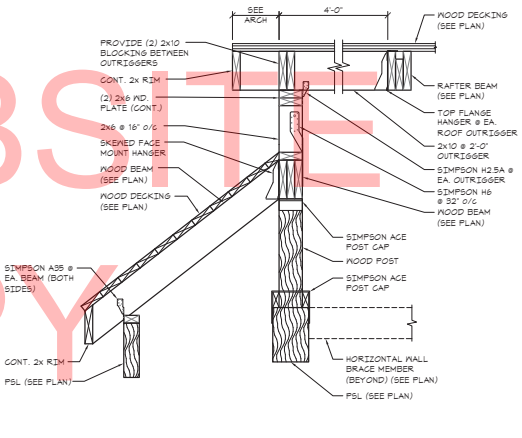
Section 4 S3-02



Section 5 S3-02



Section 6 S3-02

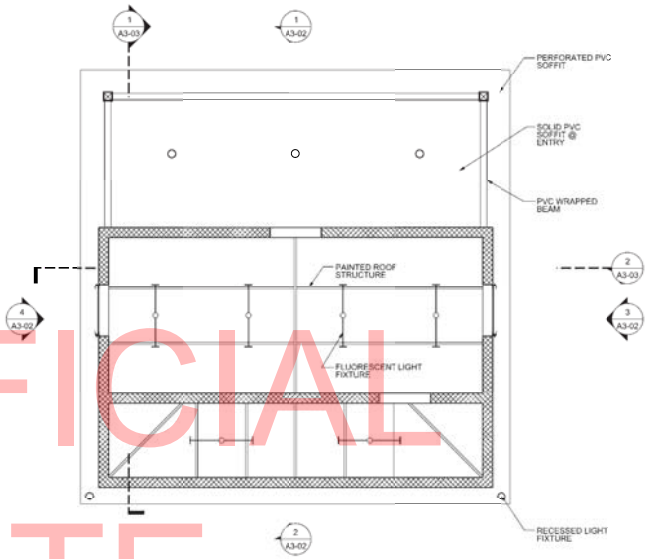


Section 7 S3-02

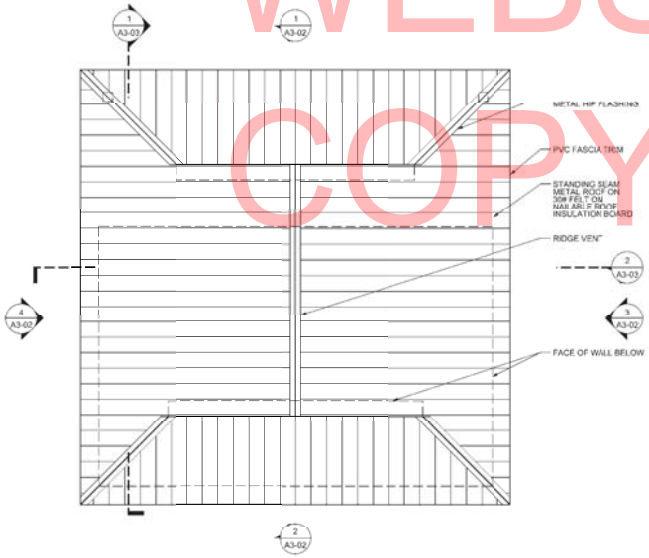
UNOFFICIAL WEBSITE COPY

DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE AS NOTED	INDIAN RIVER INLET PARK ENHANCEMENTS	CONTRACT T200507303	BRIDGE NO. X	RV LAUNDRY FACILITY - BUILDING 3 SECTIONS S3-02	SHEET NO. CD215
				COUNTY SUSSEX	DRAWN BY: JNR		TOTAL SHTS. 282
					CHECKED BY: JRB		

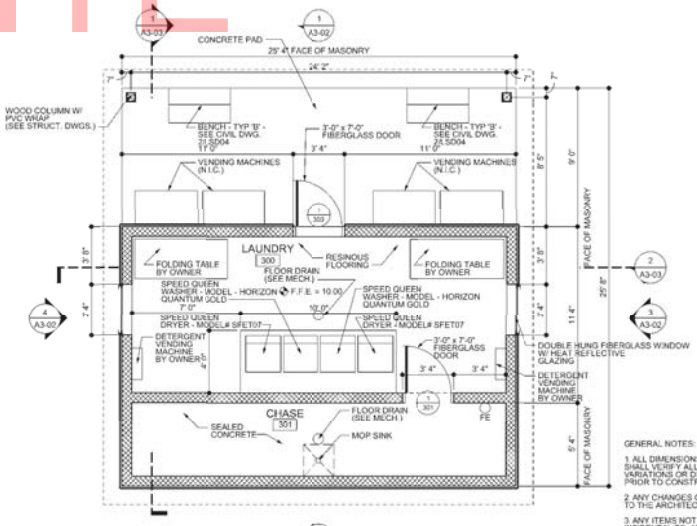
UNOFFICIAL WEBSITE COPY



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



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

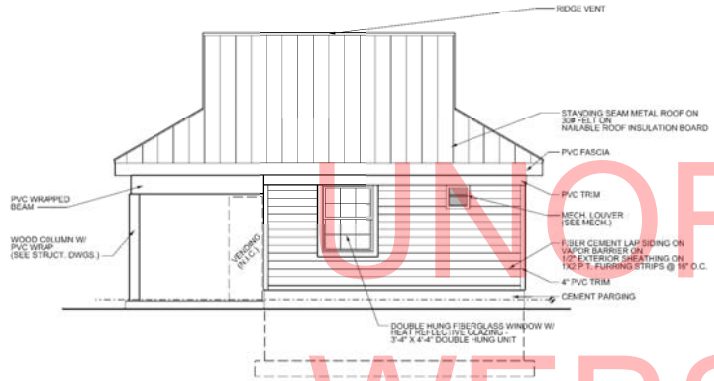


1 FLOOR PLAN
SCALE : 1/4"= 1'-0"

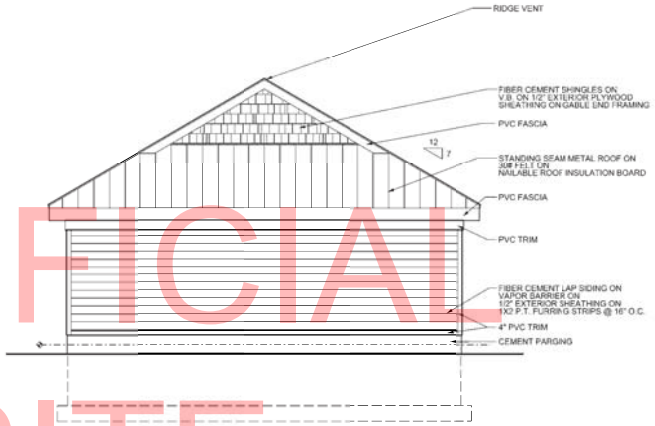
GENERAL NOTES:

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.

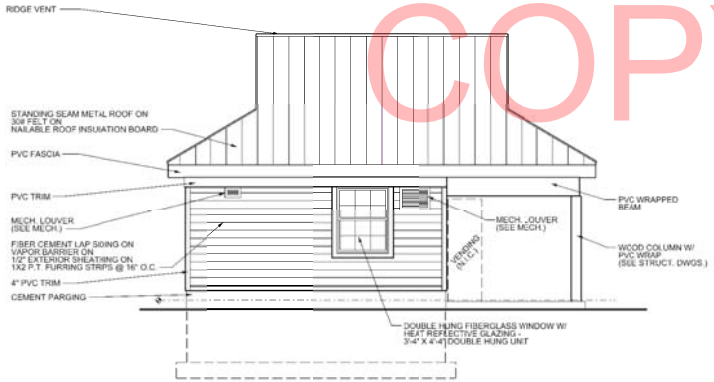
DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE AS NOTED	INDIAN RIVER INLET PARK ENHANCEMENTS	CONTRACT T200507303	BRIDGE NO. X	RV LAUNDRY FACILITY - BUILDING 3 PLANS A3-01	SHEET NO. CD216
				COUNTY SUSSEX	DRAWN BY: JAA		TOTAL SHTS. 282
					CHECKED BY: WJS		



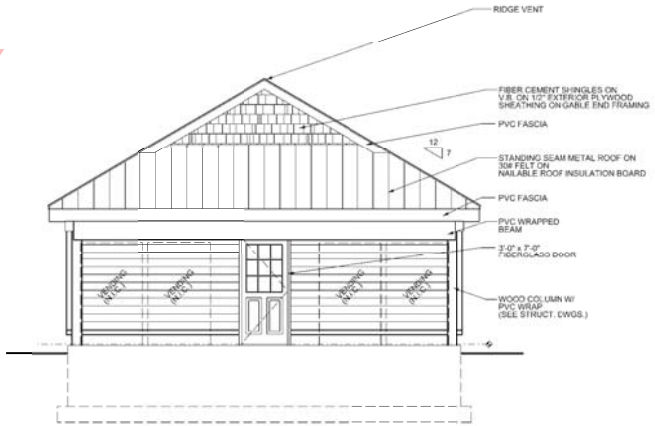
4 WEST ELEVATION
SCALE : 1/4"= 1'-0"



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



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



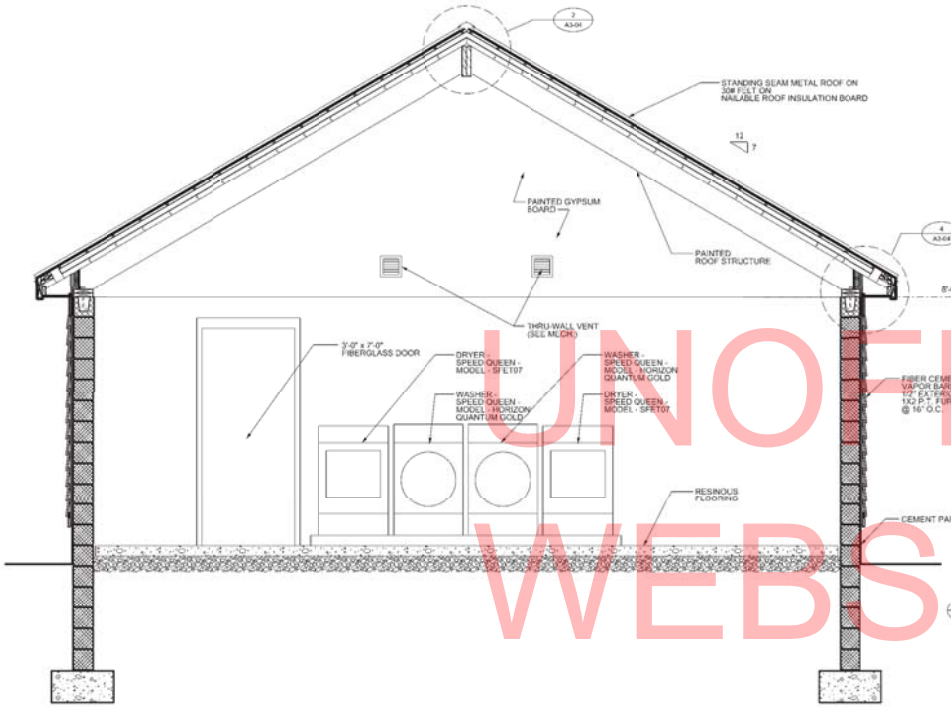
1 NORTH ELEVATION
SCALE : 1/4"= 1'-0"

GENERAL NOTES:

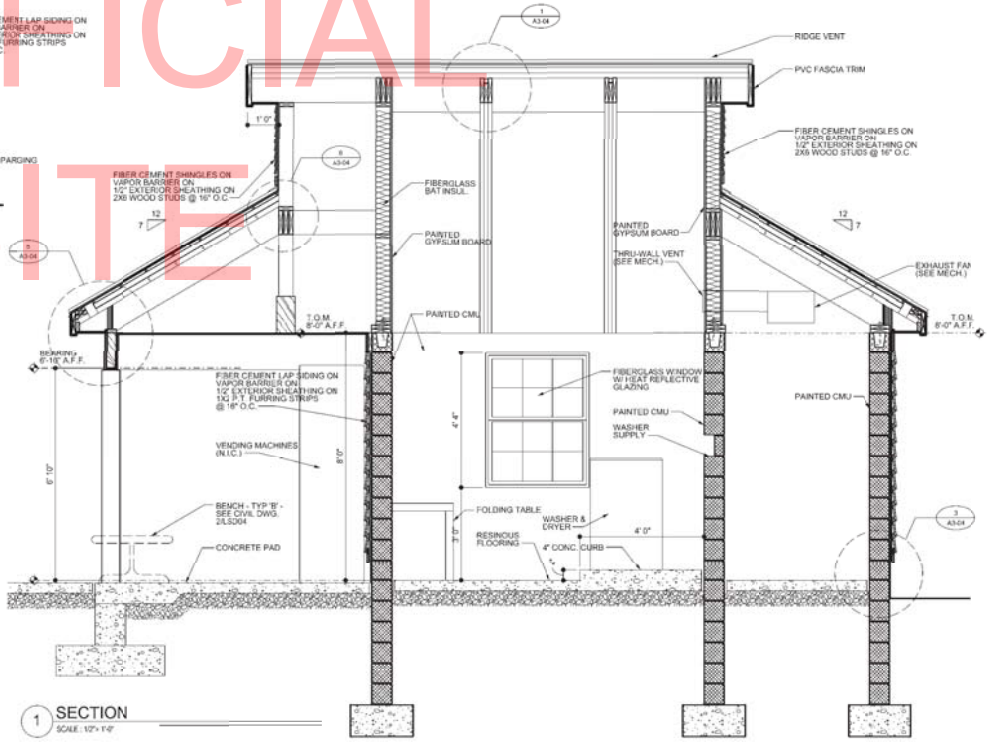
1. ALL OPENINGS ARE TO HAVE STORM PANELS. REFER TO SPECIFICATIONS AND DETAIL 12/A0-03 FOR ADDITIONAL INFORMATION.

UNOFFICIAL WEBSITE COPY

DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE AS NOTED	INDIAN RIVER INLET PARK ENHANCEMENTS	CONTRACT T200507303	BRIDGE NO. X	RV LAUNDRY FACILITY - BUILDING 3 EXTERIOR ELEVATIONS A3-02	SHEET NO. CD217
				COUNTY SUSSEX	DRAWN BY: JAA		TOTAL SHTS. 282
					CHECKED BY: WJS		



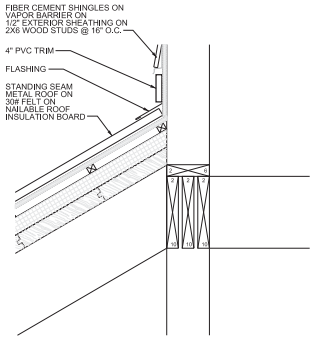
2 SECTION
SCALE : 1/2"= 1'-0"



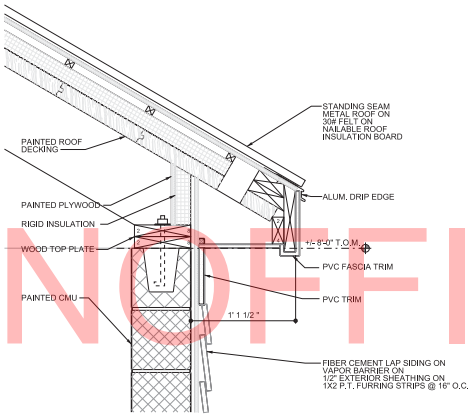
1 SECTION
SCALE : 1/2"= 1'-0"

UNOFFICIAL
WEBSITE
COPY

DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE AS NOTED	INDIAN RIVER INLET PARK ENHANCEMENTS	CONTRACT T200507303	BRIDGE NO. X	RV LAUNDRY FACILITY - BUILDING 3 SECTIONS A3-03	SHEET NO. CD218
				COUNTY SUSSEX	DRAWN BY: JAA		TOTAL SHTS. 282
					CHECKED BY: WJS		

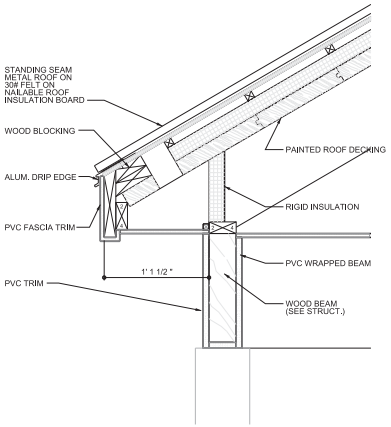


6 DETAIL
SCALE : 1 1/2"= 1'-0"

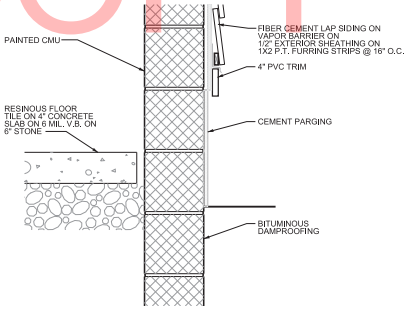


4 DETAIL
SCALE : 1 1/2"= 1'-0"

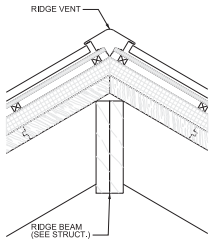
UNOFFICIAL
WEBSITE
COPY



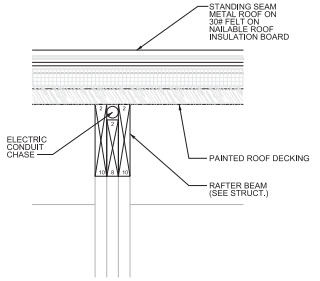
5 DETAIL
SCALE : 1 1/2"= 1'-0"



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

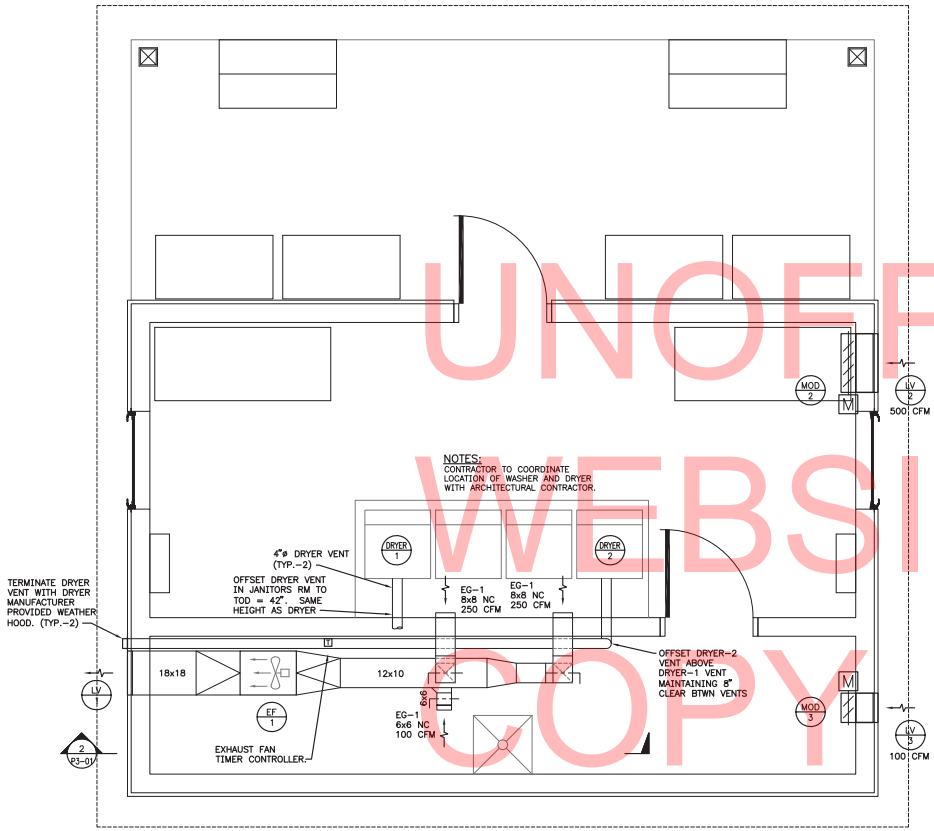


2 DETAIL
SCALE : 1 1/2"= 1'-0"

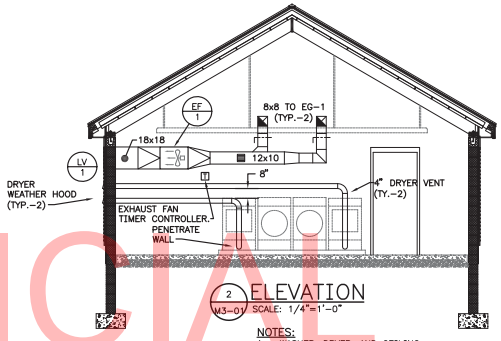


1 DETAIL
SCALE : 1 1/2"= 1'-0"

DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE AS NOTED	INDIAN RIVER INLET PARK ENHANCEMENTS	CONTRACT T200507303	BRIDGE NO. X	RV LAUNDRY FACILITY - BUILDING 3 DETAILS A3-04	SHEET NO. CD219
				COUNTY SUSSEX	DRAWN BY: JAA		TOTAL SHTS. 282
					CHECKED BY: WJS		



1 M3-01 DUCTWORK PLAN
SCALE: 1/2"=1'-0"



2 M3-01 ELEVATION
SCALE: 1/4"=1'-0"

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

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.

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DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE AS NOTED	INDIAN RIVER INLET PARK ENHANCEMENTS	CONTRACT T200507303	BRIDGE NO.	X	RV LAUNDRY FACILITY BUILDING 3 MECHANICAL PLANS & ELEVATIONS M3-01	SHEET NO. CD220
				COUNTY SUSSEX	DRAWN BY:	MLF		TOTAL SHTS. CD282
					CHECKED BY:	JRF		

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WEBSITE
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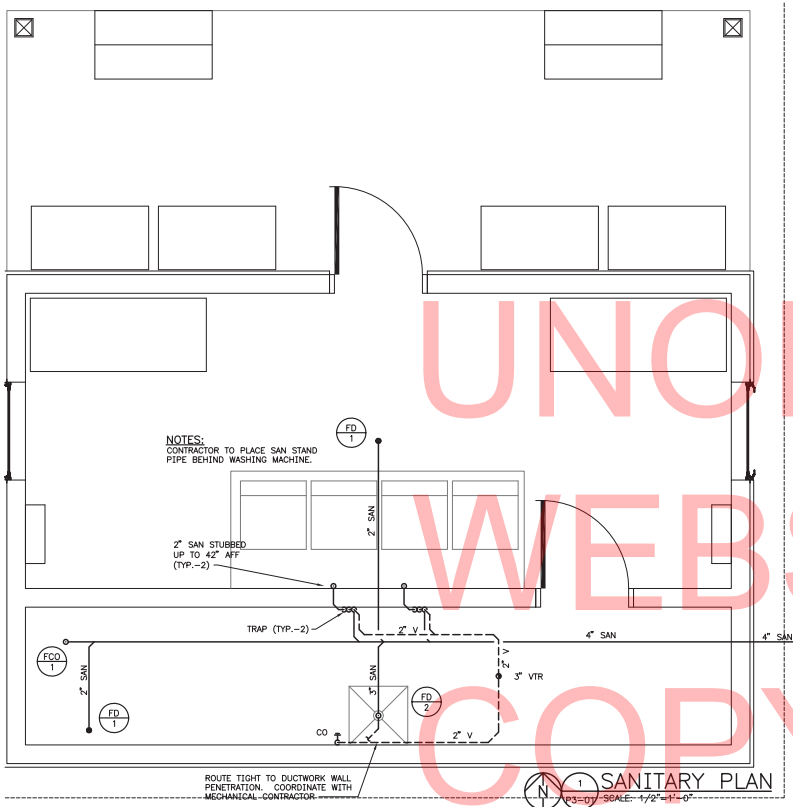
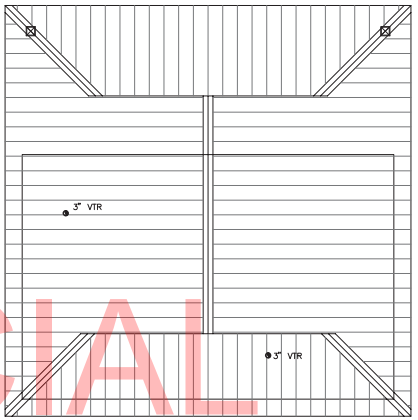
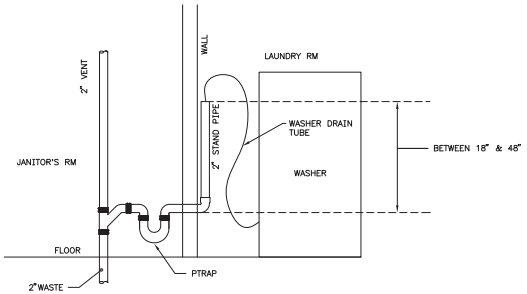


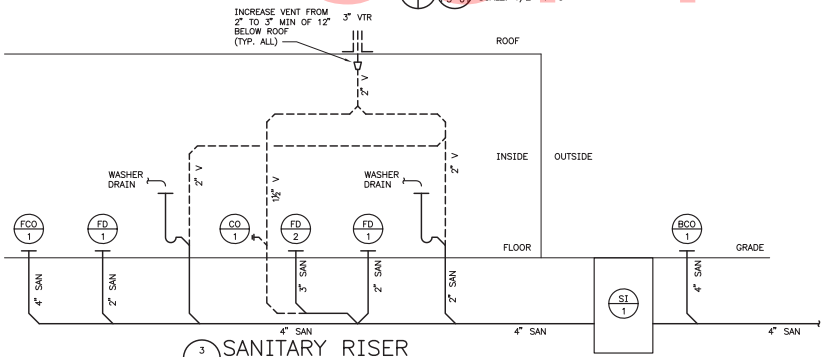
1 P3-01 SANITARY PLAN
SCALE: 1/2"=1'-0"



2 P3-01 SANITARY ROOF PLAN
SCALE: 1/4"=1'-0"



4 P3-01 WASHING MACHING DETAIL
SCALE: NONE



3 P3-01 SANITARY RISER
SCALE: NONE

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

DELAWARE
DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE AS NOTED

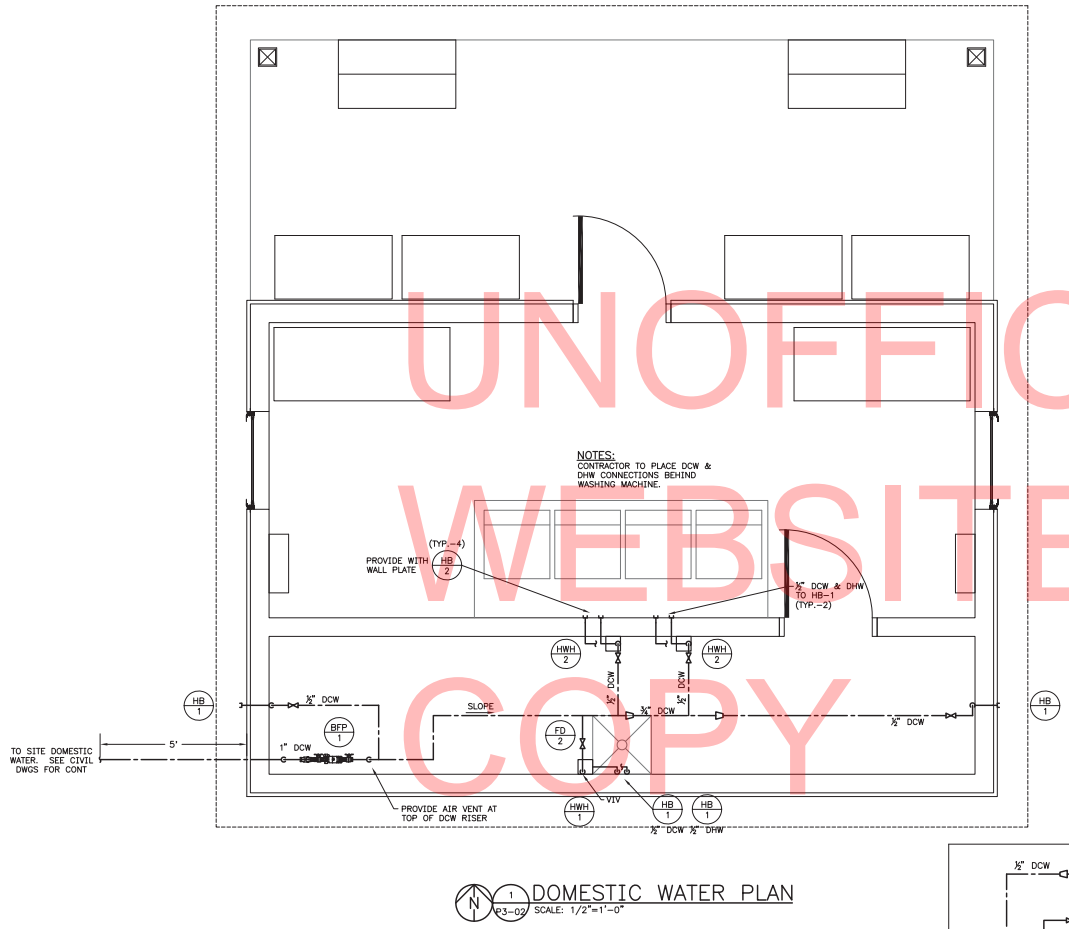
INDIAN RIVER INLET
PARK ENHANCEMENTS

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

RV LAUNDRY FACILITY
BUILDING 3
PLUMBING PLANS (SHEET 1 OF 2)
P3-01

SHEET NO.
CD221
TOTAL SHTS.
CD282

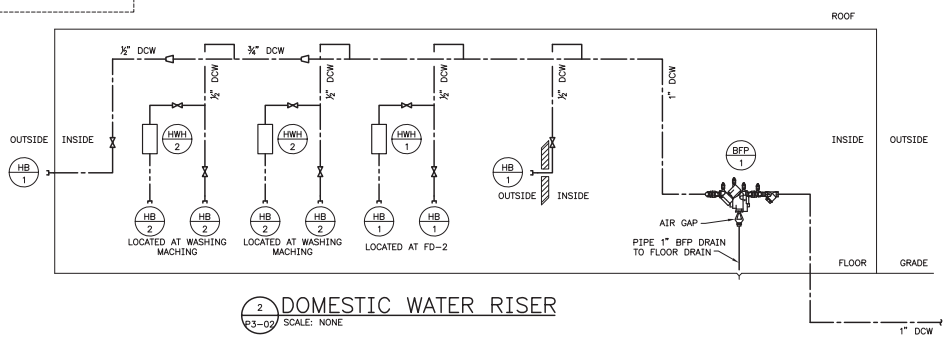
UNOFFICIAL
WEBSITE
COPY



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

NOTES:

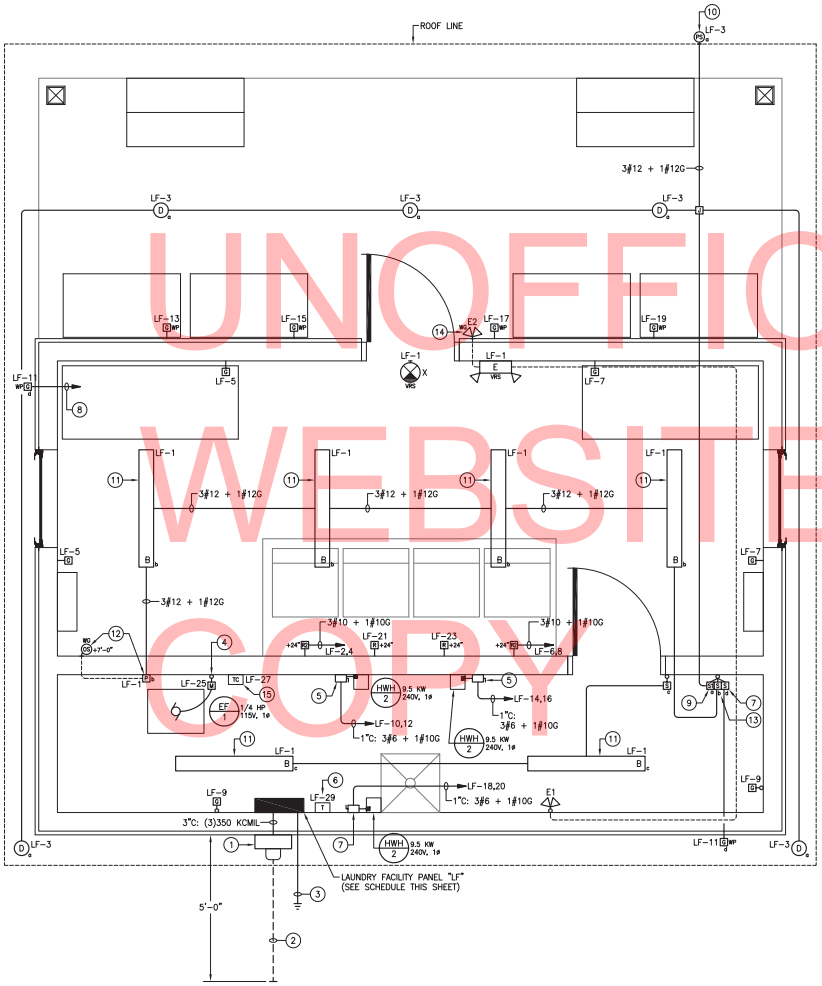
1. REFER TO P0-01 FOR PLUMBING NOTES AND LEGEND
2. SLOPE ALL PIPING TOWARDS SYSTEM DRAIN.
3. CONTRACTOR TO PROVIDE SHUT OFF VALVE IN ALL FIXTURE BRANCHES, NOT SHOWN ON DRAWING FOR CLARITY.
4. CONTRACTOR TO MANIFOLD HWH'S TOGETHER FOR DCW AND DHW.



2 P3-02 DOMESTIC WATER RISER
SCALE: NONE

DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE AS NOTED	INDIAN RIVER INLET PARK ENHANCEMENTS	CONTRACT T200507303	BRIDGE NO. X	RV LAUNDRY FACILITY BUILDING 3 PLUMBING PLANS (SHEET 2 OF 2) P3-02	SHEET NO. CD222
				COUNTY SUSSEX	DRAWN BY: MLF		TOTAL SHTS. CD282
					CHECKED BY: JRF		

UNOFFICIAL WEBSITE COPY



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

SHEET NOTES:

1. 320A 1ø, 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, 1ø, 3W

SOURCE: UTILITY TRANSFORMER MAIN BREAKER: 300A

DESCRIPTION	BRKR SIZE	CIR NO	A	B	CIR NO	BRKR SIZE	DESCRIPTION
LTG – INTERIOR	20A	1			2	30A	REC – DRYER
LTG – EXTERIOR	20A	3			4		
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.

DELAWARE
DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

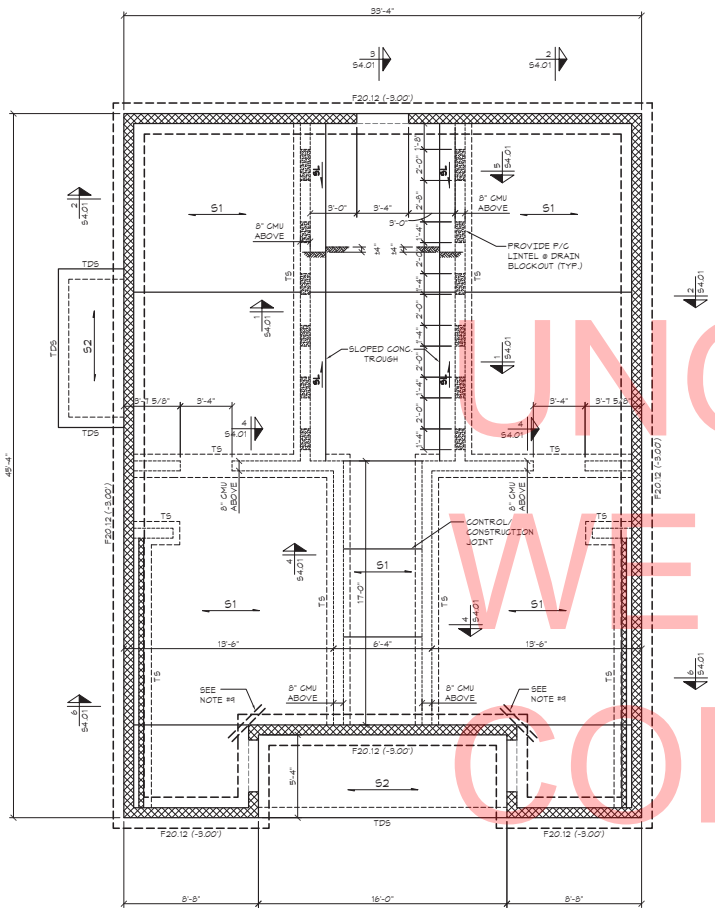
SCALE AS NOTED

INDIAN RIVER INLET
PARK ENHANCEMENTS

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

RV LAUNDRY FACILITY
BUILDING 3
ELECTRICAL PLAN
E3-01

SHEET NO. CD223
TOTAL SHTS. CD282

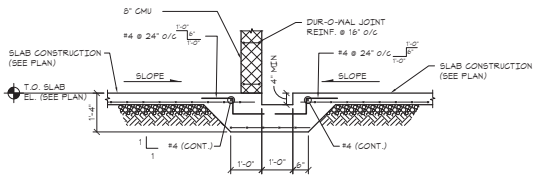


BLDG #4: FOUNDATION PLAN

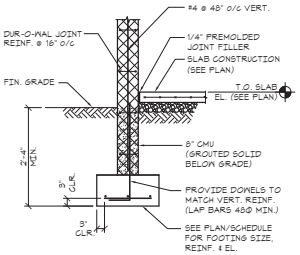
SCALE: 1/4" = 1'-0"

NOTES:

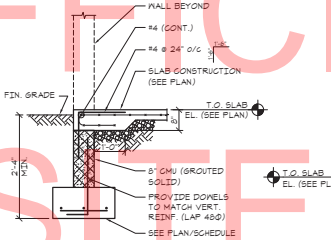
1. TOP OF SLAB EL. = DATUM EL. (0.00') UNLESS NOTED OTHERWISE THUS (...).
2. SEE PLAN FOR BOTTOM OF FOOTING ELEVATION BELOW DATUM ELEVATION.
3. 'TS' INDICATES THICKENED SLAB. SEE DETAIL ON DRAWING S4.01.
4. 'TDS' INDICATES TURNED DOWN SLAB. SEE TYPICAL DETAIL ON DRAWING S4.01.
5. #'#' INDICATES CMU WALL ABOVE.
6. COORDINATE ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS PRIOR TO BUILDING LAYOUT.
7. INDICATES 4" CONCRETE SLAB ON GRADE W/ 6x6-W1.4x1.4 WWF OVER 6" CRUSHED STONE.
8. INDICATES 4" CONCRETE SLAB ON GRADE (W/ 6% ENTRAINMENT) W/ 6x6-W1.4x1.4 WWF OVER 6" CRUSHED STONE.
9. PROVIDE (2) #3 x 3'-0" LG. CORNER BARS IN CONCRETE SLAB ON GRADE.



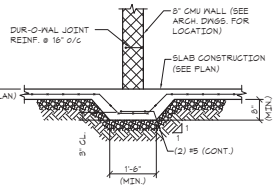
Section 1 S4-01



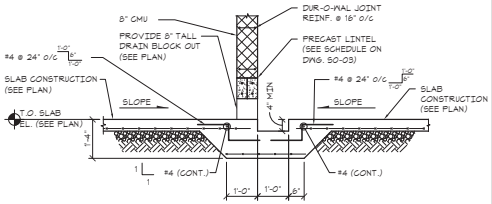
Section 2 S4-01



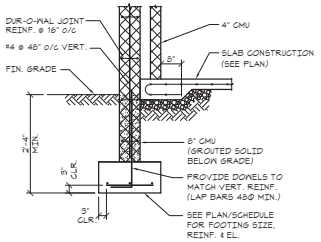
Section 3 S4-01



Section 4 S4-01



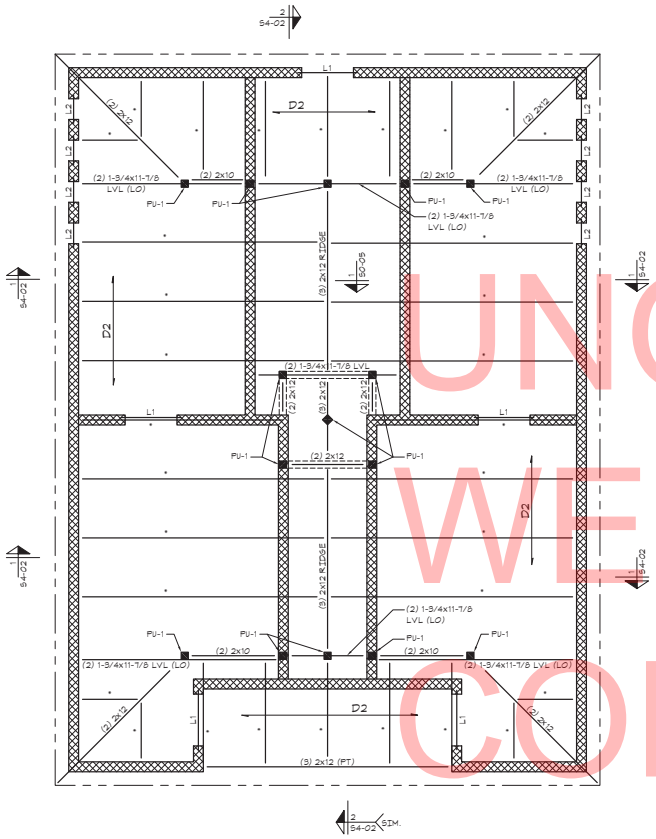
Section 5 S4-01

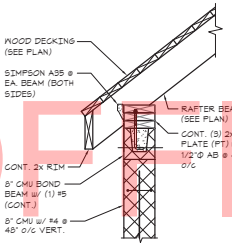


Section 6 S4-01

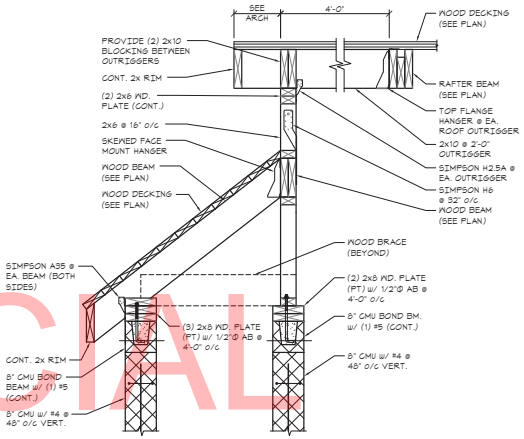
UNOFFICIAL WEBSITE COPY

DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE AS NOTED	INDIAN RIVER INLET PARK ENHANCEMENTS	CONTRACT T200507303	BRIDGE NO. X	RV SHOWER FACILITY - BUILDING 4 PLANS / DETAILS	SHEET NO. CD224
				COUNTY SUSSEX	DRAWN BY: JNR		TOTAL SHTS. 282
					CHECKED BY: JRB	S4-01	

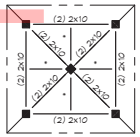




Section 1 S4-02



Section 2 S4-02



PARTIAL HIGH ROOF FRAMING PLAN

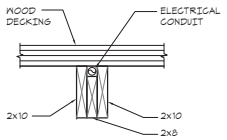
SCALE: 1/4" = 1'-0"

NOTES:
1. RAFTER BEARING EL. = ( ) ABOVE DATUM EL.
2. ▭ INDICATES 2x12 T&G WOOD ROOF DECKING.
3. 'L' 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.

BLDG #4: ROOF FRAMING PLAN

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

NOTES:
1. T.O. CMU WALL EL. = (8'-0") ABOVE DATUM EL.
2. ▭ INDICATES STRUCTURAL 2x6 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.



Typical (2) 2x10 + 2x8 Rafter Assembly

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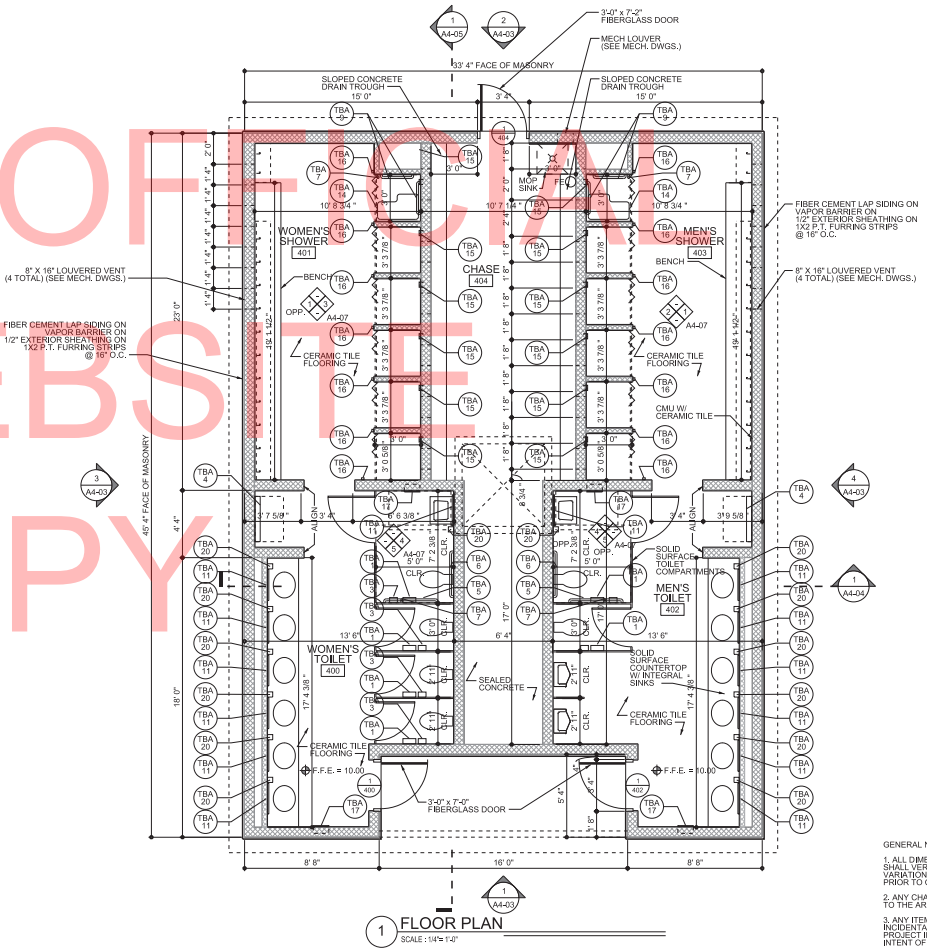
DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE AS NOTED	INDIAN RIVER INLET PARK ENHANCEMENTS	CONTRACT T200507303	BRIDGE NO. X	RV SHOWER FACILITY - BUILDING 4 PLANS / DETAILS	SHEET NO. CD225
				COUNTY SUSSEX	DRAWN BY: JNR		TOTAL SHTS. 282
					CHECKED BY: JRB	S4-02	

UNOFFICIAL WEBSITE COPY



1 FLOOR PLAN
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

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.

DELAWARE
DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

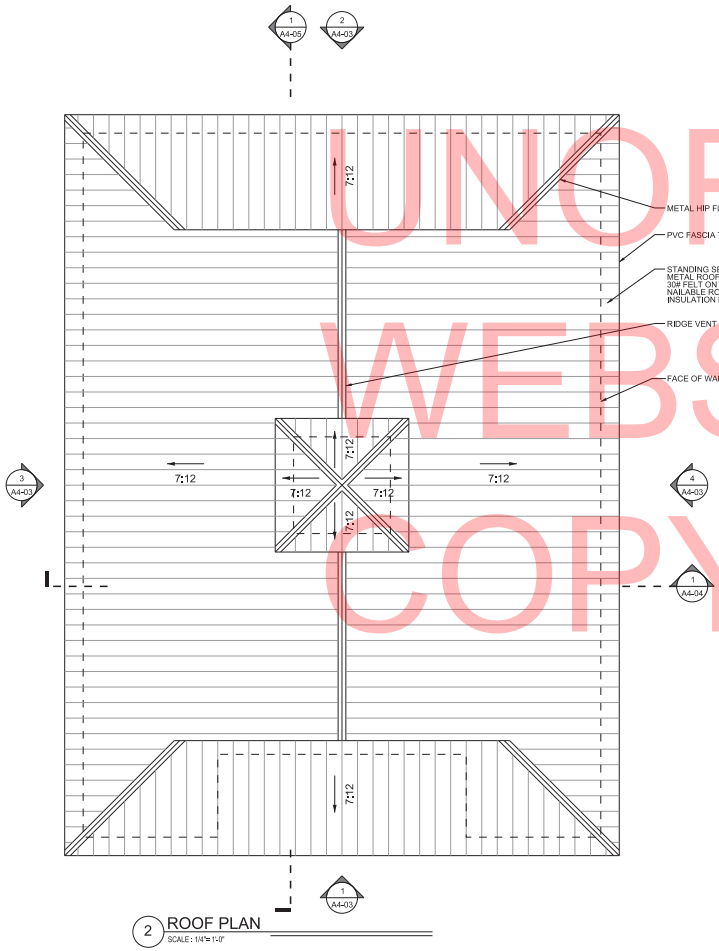
SCALE AS NOTED

INDIAN RIVER INLET
PARK ENHANCEMENTS

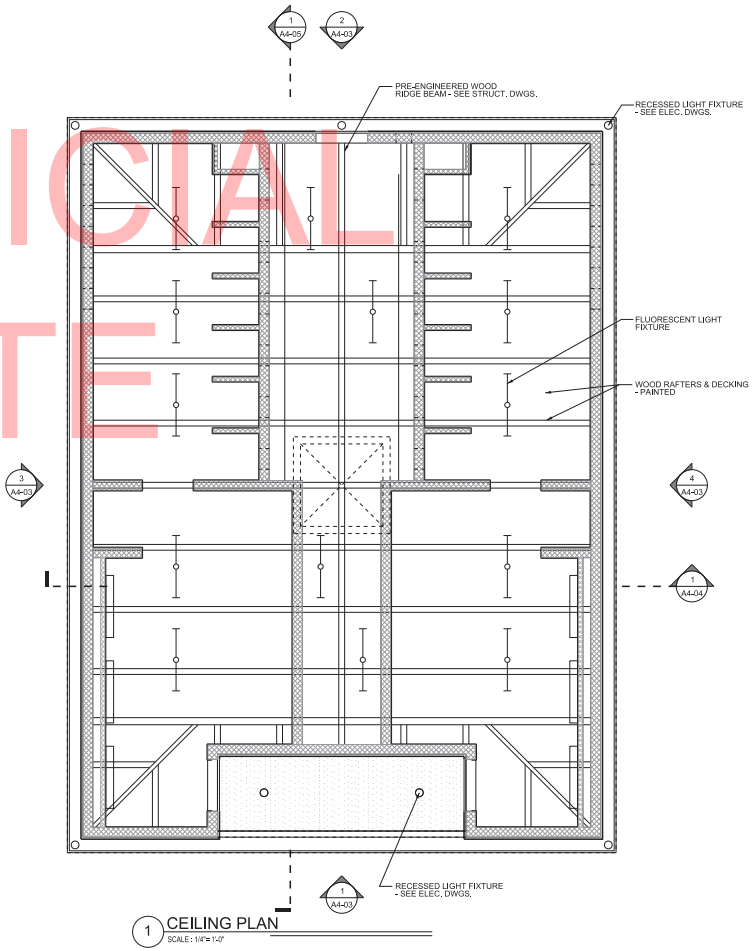
CONTRACT	T200507303
COUNTY	SUSSEX
BRIDGE NO.	X
DRAWN BY:	JAA
CHECKED BY:	WJS

RV SHOWER FACILITY - BUILDING 4
PLAN
A4-01

SHEET NO.	CD226
TOTAL SHTS.	282



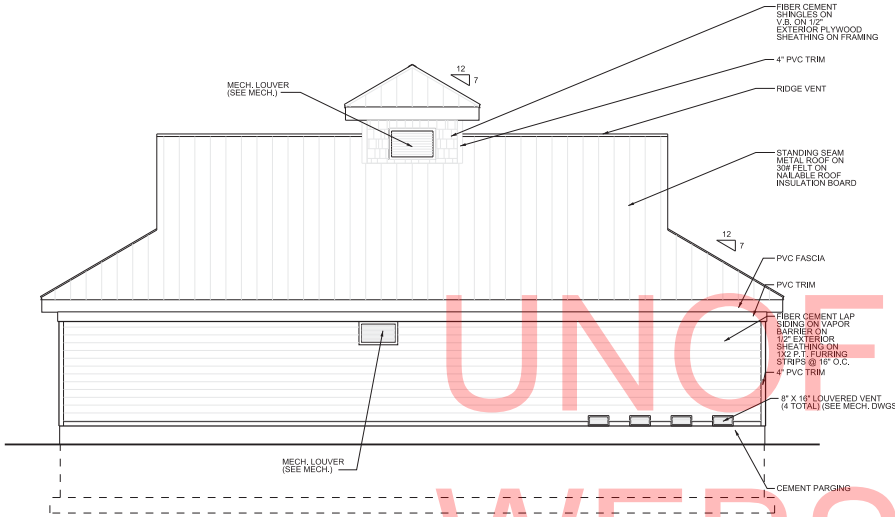
2 ROOF PLAN
SCALE : 1/4"= 1'-0"



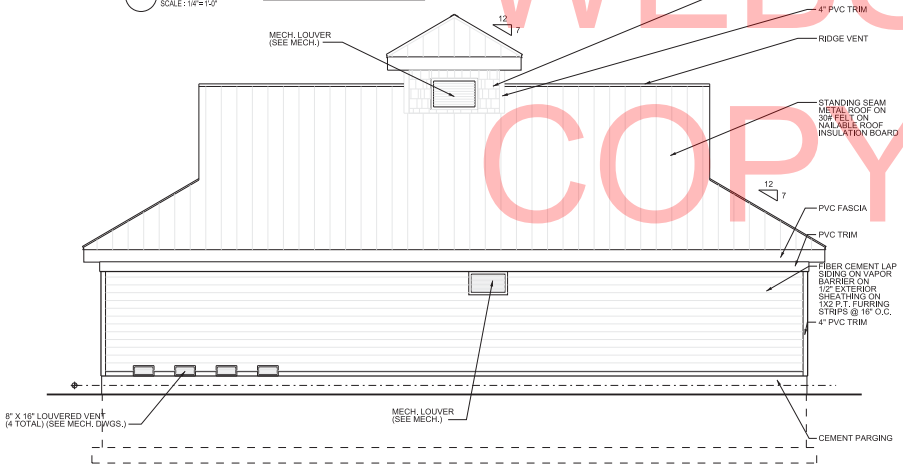
1 CEILING PLAN
SCALE : 1/4"= 1'-0"

UNOFFICIAL WEBSITE COPY

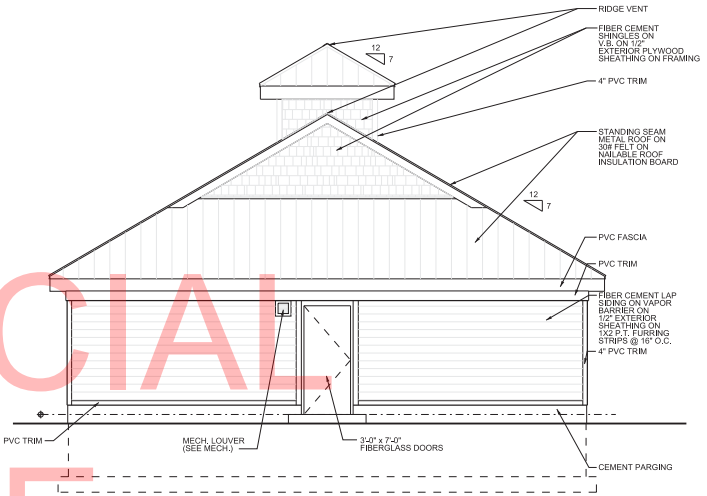
DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE AS NOTED	INDIAN RIVER INLET PARK ENHANCEMENTS	CONTRACT T200507303	BRIDGE NO. X	RV SHOWER FACILITY - BUILDING 4 PLANS A4-02	SHEET NO. CD227
				COUNTY SUSSEX	DRAWN BY: JAA		TOTAL SHTS. 282
					CHECKED BY: WJS		



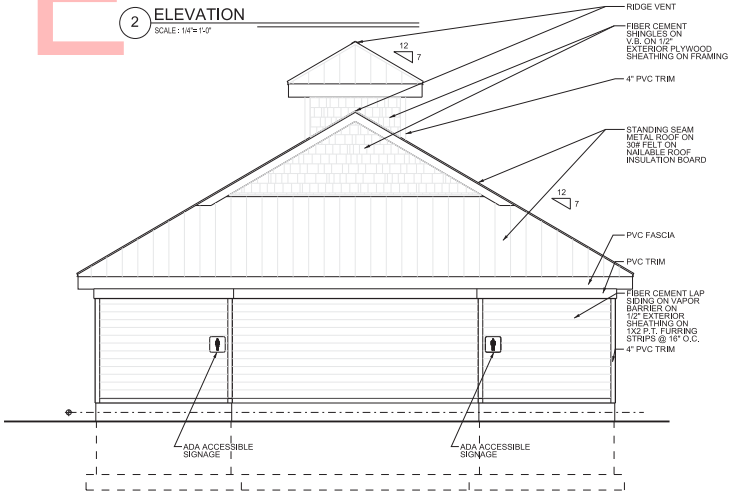
4 ELEVATION
SCALE : 1/4"= 1'-0"



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



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

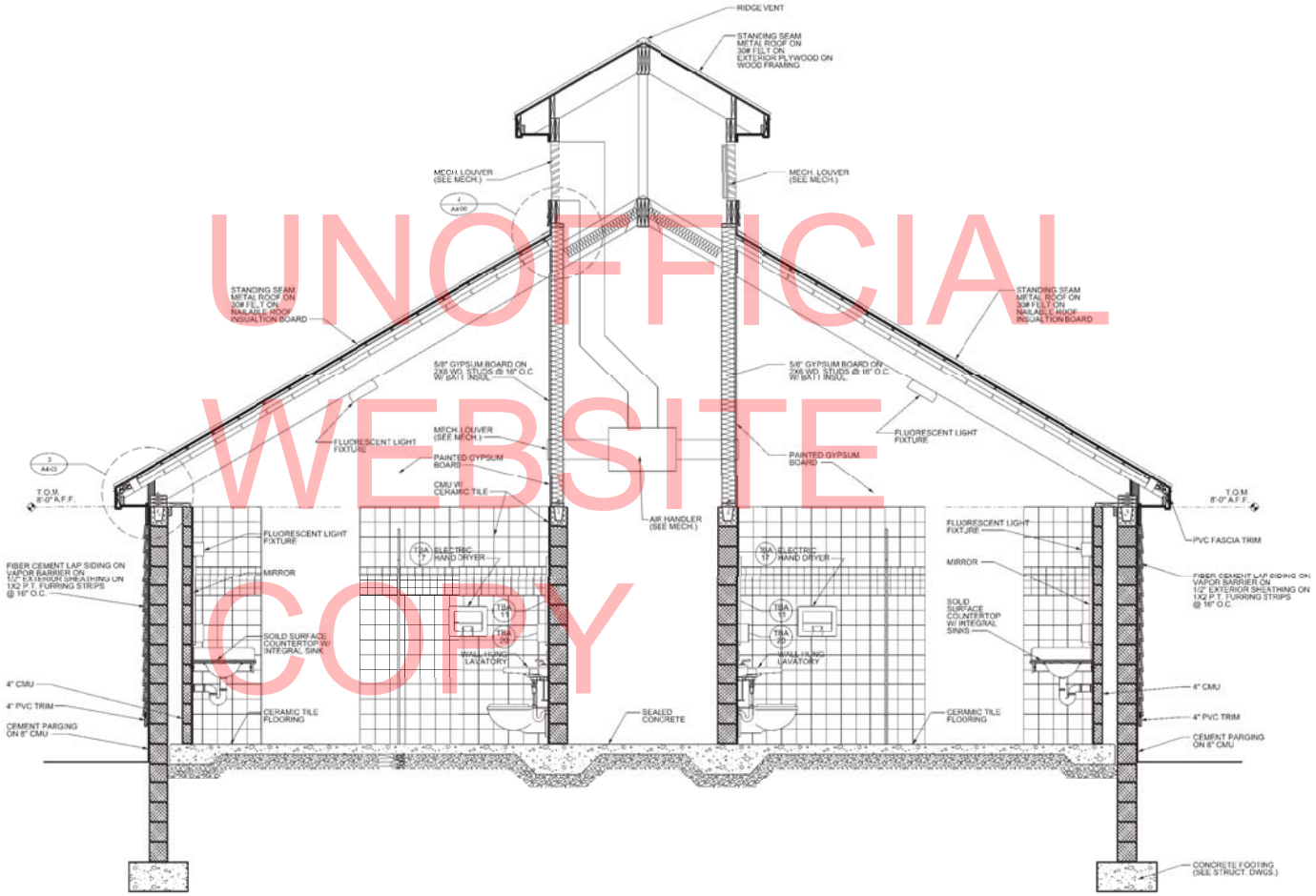


1 ELEVATION
SCALE : 1/4"= 1'-0"

UNOFFICIAL WEBSITE COPY

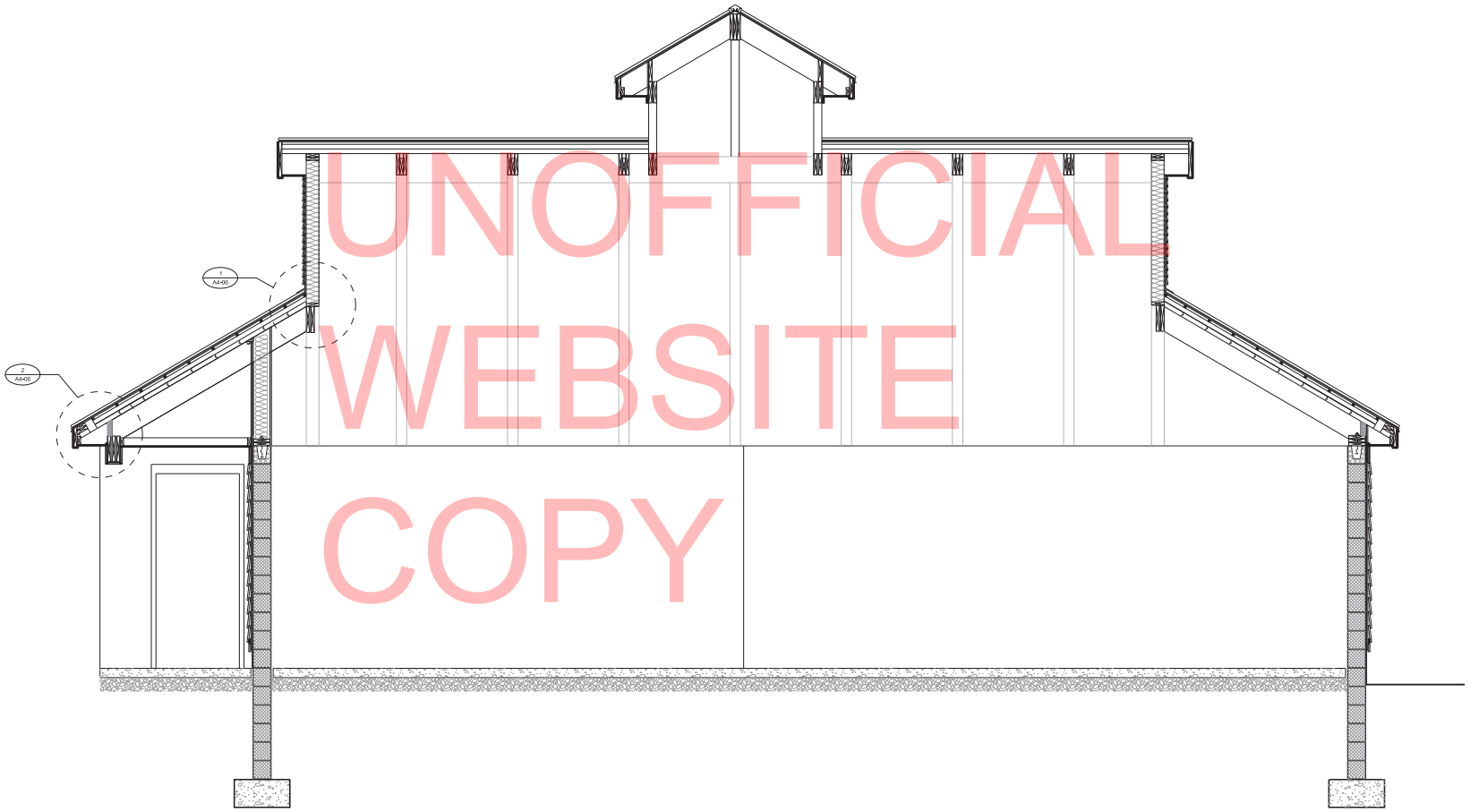
DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE AS NOTED	INDIAN RIVER INLET PARK ENHANCEMENTS	CONTRACT T200507303	BRIDGE NO. X	RV SHOWER FACILITY - BUILDING 4 EXTERIOR ELEVATIONS A4-03	SHEET NO. CD228
				COUNTY SUSSEX	DRAWN BY: JAA		TOTAL SHTS. 282
					CHECKED BY: WJS		

UNOFFICIAL WEBSITE COPY



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

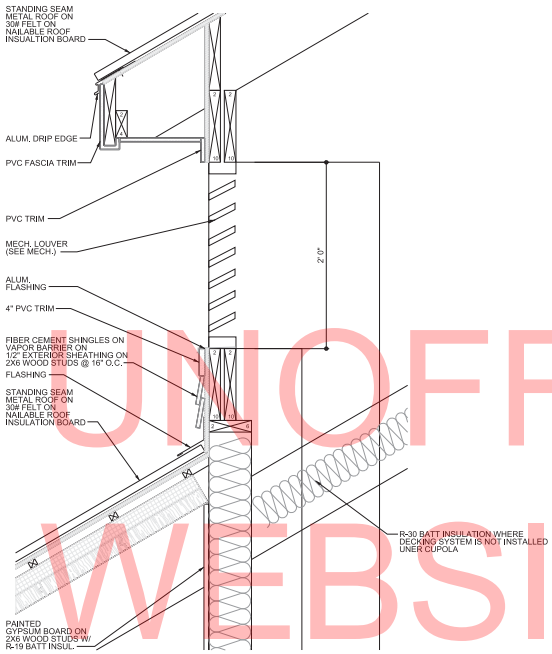
DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE AS NOTED	INDIAN RIVER INLET PARK ENHANCEMENTS	CONTRACT T200507303	BRIDGE NO. X	RV SHOWER FACILITY - BUILDING 4 SECTIONS A4-04	SHEET NO. CD229
				COUNTY SUSSEX	DRAWN BY: JAA		TOTAL SHTS. 282
					CHECKED BY: WJS		



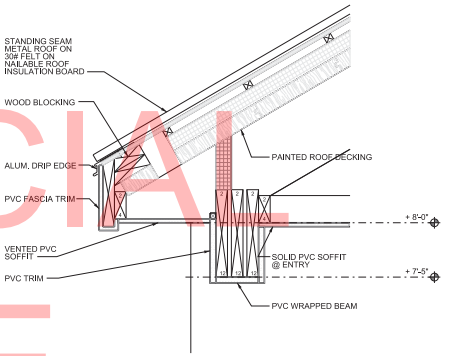
1 SECTION
SCALE : 1/2"= 1'-0"

UNOFFICIAL WEBSITE COPY

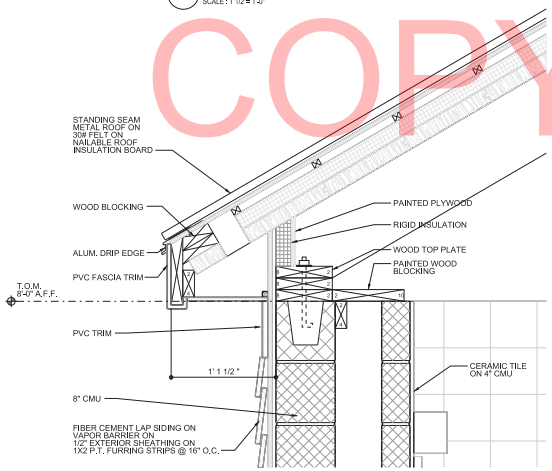
DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE AS NOTED	INDIAN RIVER INLET PARK ENHANCEMENTS	CONTRACT T200507303	BRIDGE NO. X DRAWN BY: JAA CHECKED BY: WJS	RV SHOWER FACILITY - BUILDING 4 SECTION A4-05	SHEET NO. CD230 TOTAL SHTS. 282
				COUNTY SUSSEX			



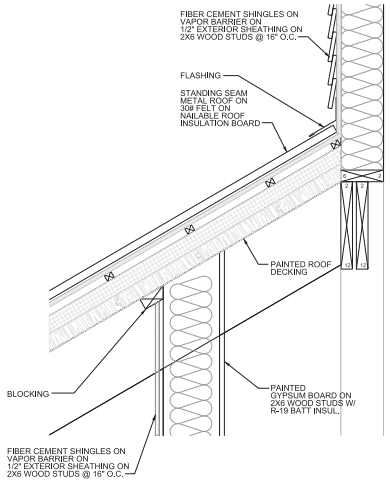
4 DETAIL
SCALE : 1 1/2"= 1'-0"



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



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



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

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DELAWARE
DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

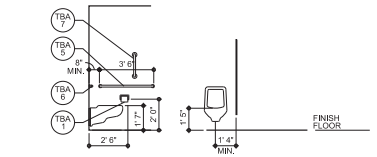
SCALE AS NOTED

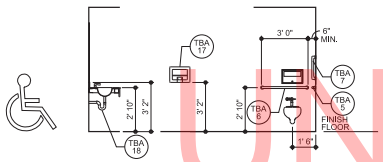
INDIAN RIVER INLET
PARK ENHANCEMENTS

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

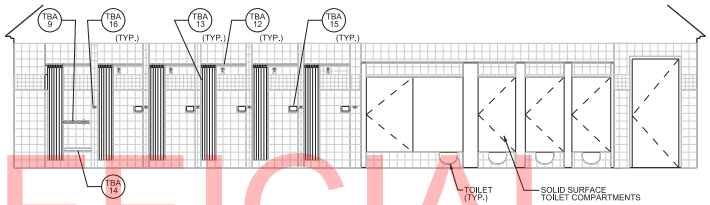
RV SHOWER FACILITY - BUILDING 4
DETAILS
A4-06

SHEET NO.	CD231
TOTAL SHTS.	282

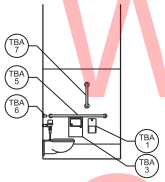




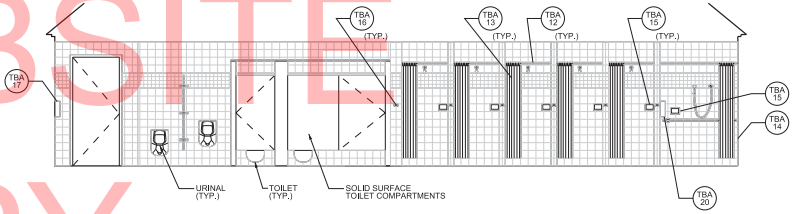
6 FIXTURE MOUNTING HEIGHTS
SCALE : 1/4"= 1'-0"



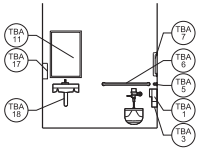
3 INTERIOR ELEVATION - WOMEN
SCALE : 1/4"= 1'-0"



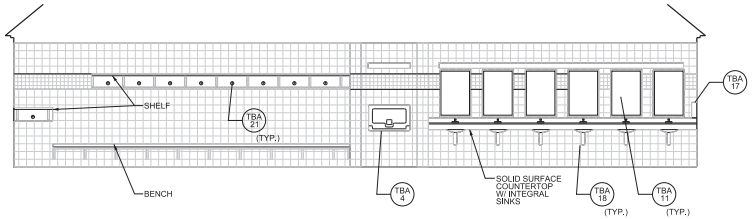
5 INTERIOR ELEVATION - HC
SCALE : 1/4"= 1'-0"



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



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



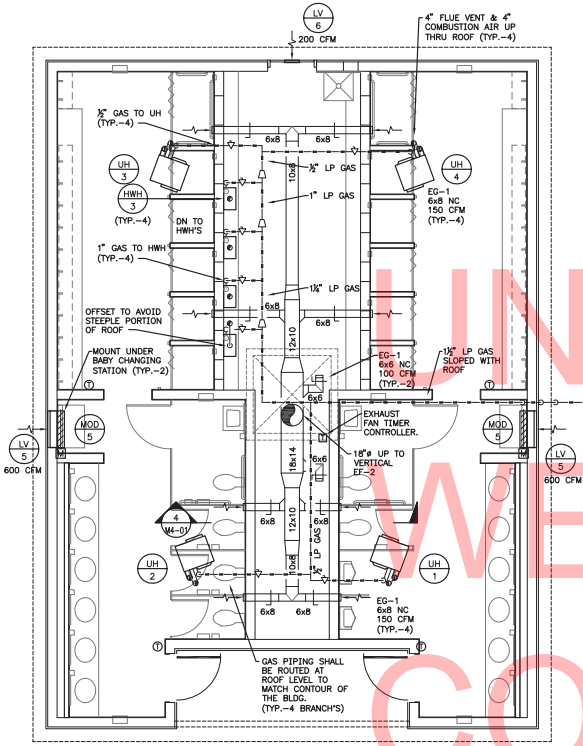
1 INTERIOR ELEVATION - MEN (WOMEN - OPP. HAND)
SCALE : 1/4"= 1'-0"

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

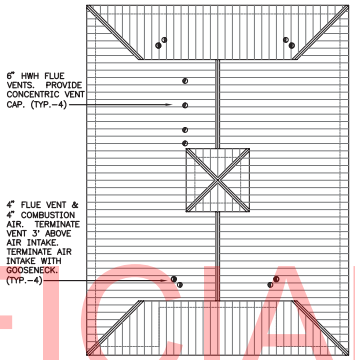
UNOFFICIAL WEBSITE COPY

DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE AS NOTED	INDIAN RIVER INLET PARK ENHANCEMENTS	CONTRACT T200507303	BRIDGE NO. X	RV SHOWER FACILITY - BUILDING 4 INTERIOR ELEVATIONS A4-07	SHEET NO. CD232
				COUNTY SUSSEX	DRAWN BY: JAA		TOTAL SHTS. 282
					CHECKED BY: WJS		

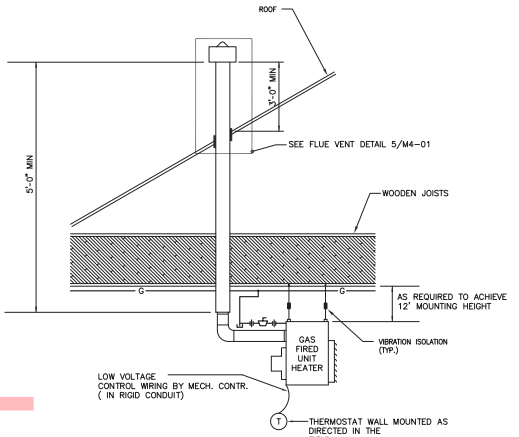


N 1 M4-01 DUCTWORK PLAN
SCALE: 1/4"=1'-0"

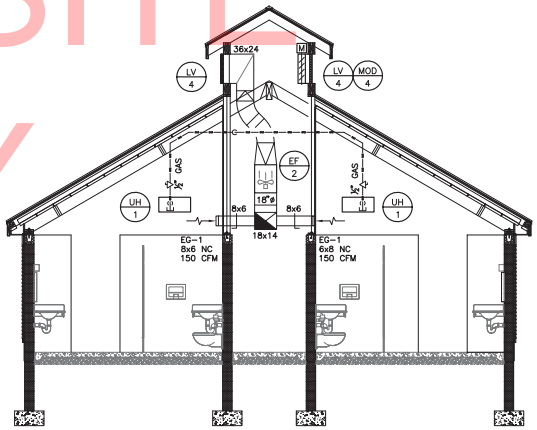
NOTES:
CONTRACTOR TO COORDINATE EXHAUST FAN TIMER CONTROLLER AND HWH OUTLET LOCATION WITH ELECTRICAL & PLUMBING CONTRACTOR'S.



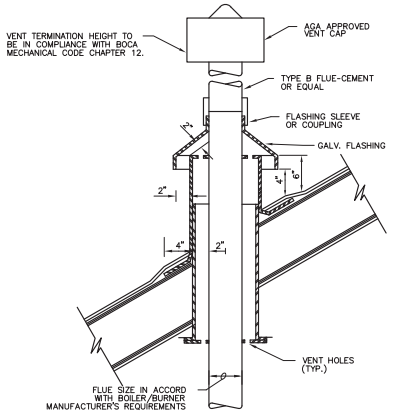
N 2 M4-01 DUCTWORK ROOF PLAN
SCALE: 1/8"=1'-0"



3 M4-01 UNIT HEATER DETAIL
SCALE: NTs



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



5 M4-01 FLUE VENT DETAIL
SCALE: NTs

UH – UNIT HEATER SCHEDULE

SYMBOL	MANUFACTURER	MODEL NUMBER	CAPACITY (BTU/HR)		EER	RPM	ELECTRIC (V/PH/HZ)	REMARKS
			INPUT	OUTPUT				
UH 1-4	REZNOR	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

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DELAWARE
DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

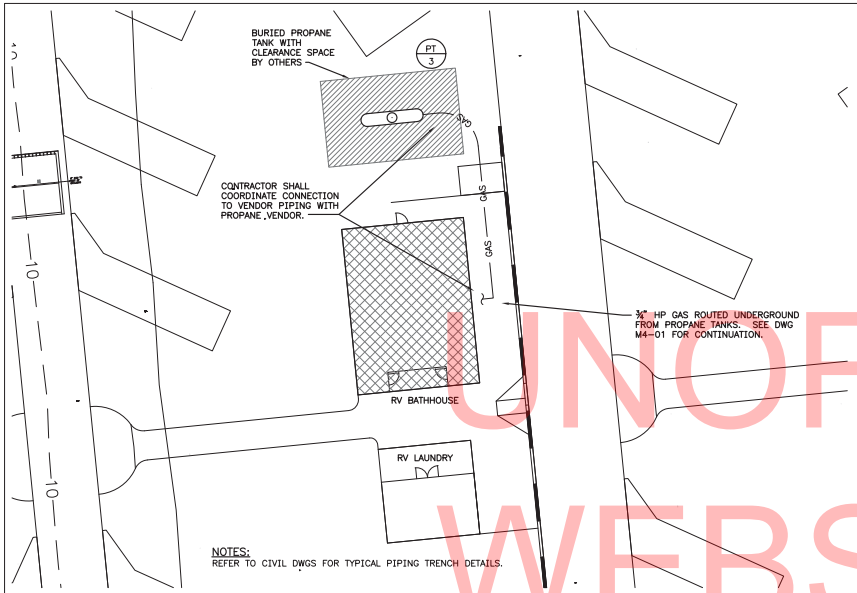
SCALE AS NOTED

INDIAN RIVER INLET
PARK ENHANCEMENTS

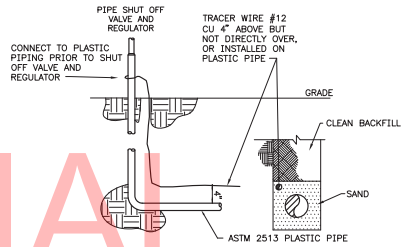
CONTRACT	BRIDGE NO.	X
T200507303	DRAWN BY:	MLF
COUNTY	CHECKED BY:	JRF
SUSSEX		

RV SHOWER FACILITY
BUILDING 4
MECHANICAL PLANS, DETAILS, & SCHEDULES
M4-01

SHEET NO.
CD233
TOTAL SHTS.
CD282



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



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

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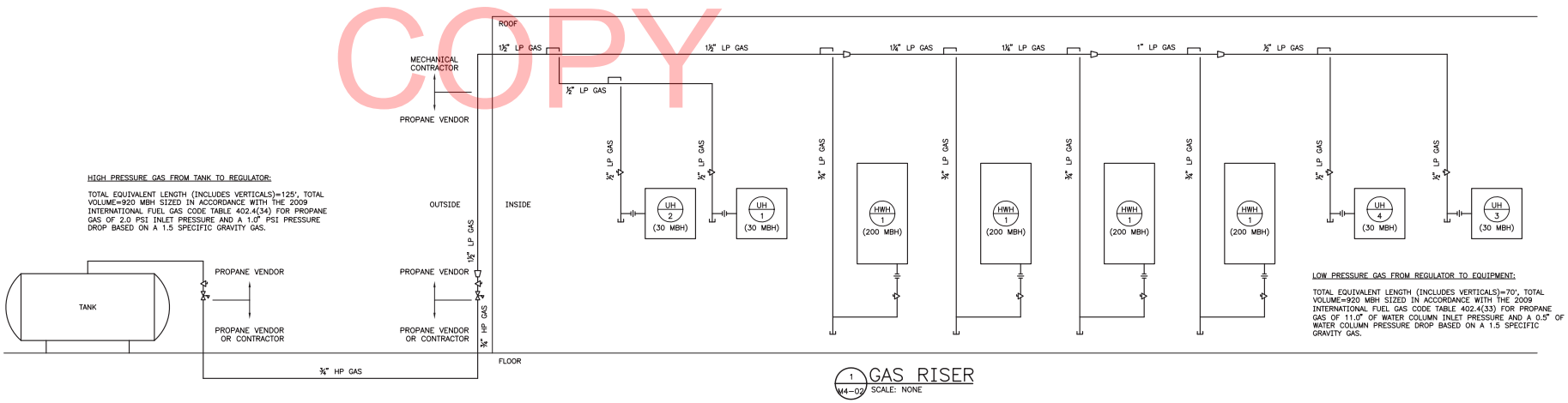


1/M4-02 GAS RISER
SCALE: NONE

DELAWARE
DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

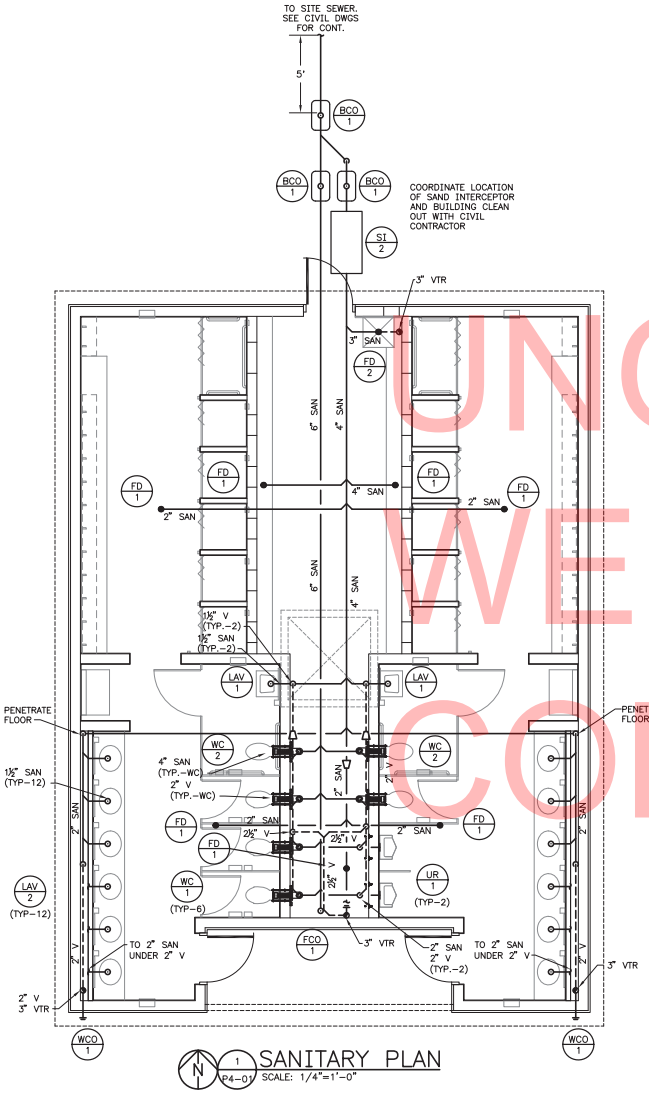
SCALE AS NOTED

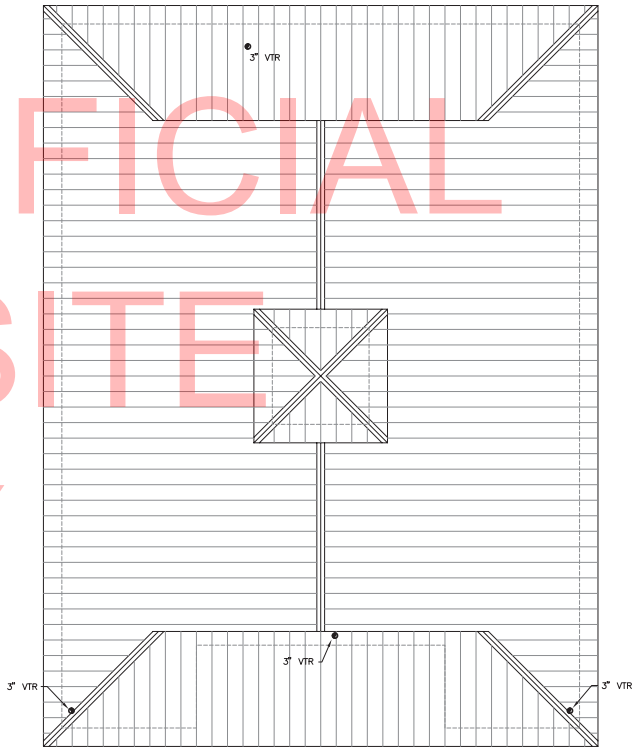
INDIAN RIVER INLET
PARK ENHANCEMENTS

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

RV SHOWER FACILITY
BUILDING 4
GAS PIPING SITE PLAN
M4-02

SHEET NO.
CD234
TOTAL SHTS.
CD282



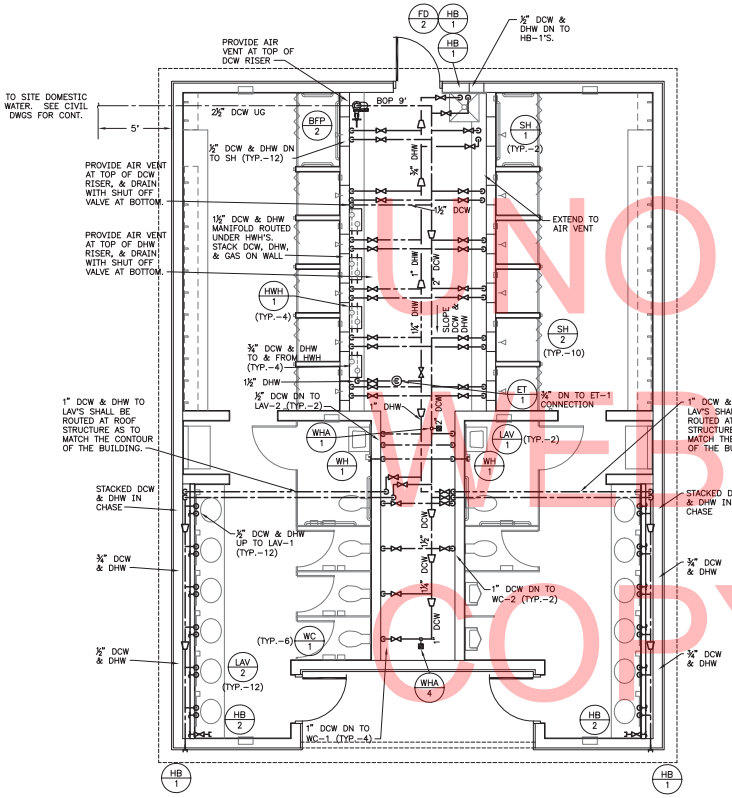


UNOFFICIAL WEBSITE COPY

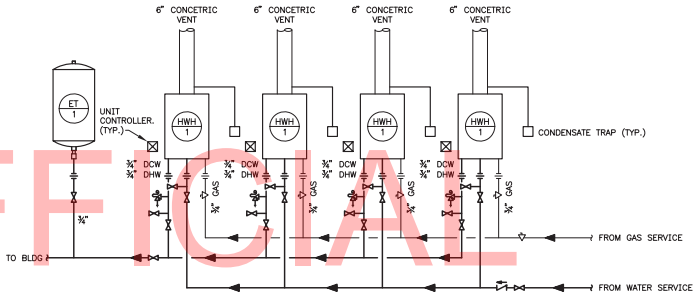
NOTES:

1. SEE DETAIL 6/P0-04 FOR JANITORS ROOM DRY VENT DETAIL.
2. IN AREA'S WHERE WCO & WH-1 ARE TO BE STACKED, CONTRACTOR TO STACK PIPING WITH ADEQUATE CLEARANCE FOR COVER PLATES.

DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE AS NOTED	INDIAN RIVER INLET PARK ENHANCEMENTS	CONTRACT T200507303	BRIDGE NO. X	RV SHOWER FACILITY BUILDING 4 PLUMBING PLANS (SHEET 1 OF 2) P4-01	SHEET NO. CD235
				COUNTY SUSSEX	DRAWN BY: MLF		TOTAL SHTS. CD282
					CHECKED BY: JRF		



2 P4-02 DOMESTIC WATER PLAN
SCALE: 1/4"=1'-0"



2 P4-02 HOT WATER HEATER PIPING DIAGRAM
SCALE: NONE

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.
5. CONTRACTOR TO COORDINATE PROPANE TANK LOCATION WITH CIVIL CONTRACTOR.
6. IN AREA'S WHERE WC0 & WH-1 ARE TO BE STACKED, CONTRACTOR TO STACK PIPING WITH ADEQUATE CLEARANCE FOR COVER PLATES.

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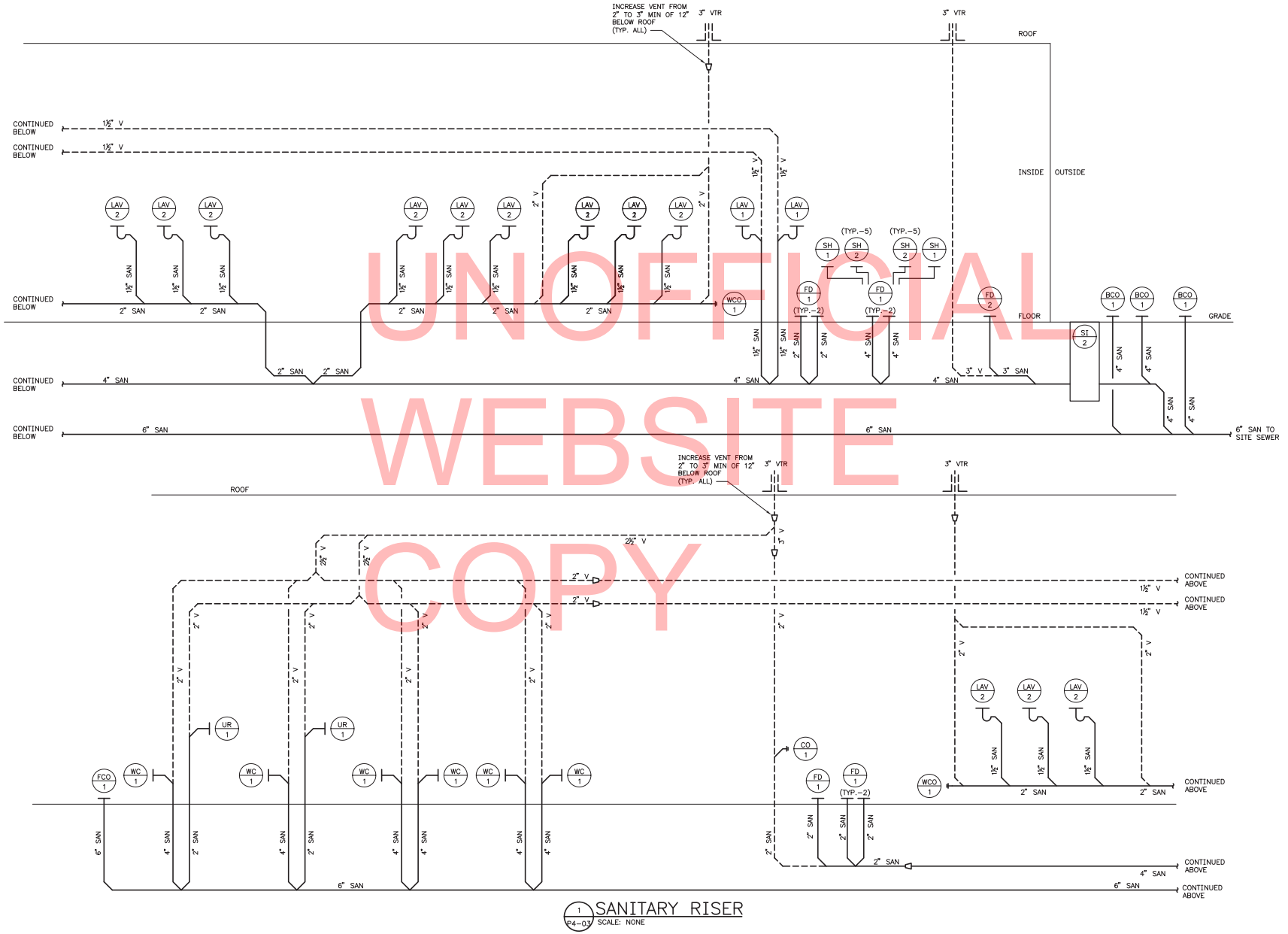
DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE AS NOTED	INDIAN RIVER INLET PARK ENHANCEMENTS	CONTRACT T200507303	BRIDGE NO. X	RV SHOWER FACILITY BUILDING 4 PLUMBING PLANS (SHEET 2 OF 2) P4-02	SHEET NO. CD236
				COUNTY SUSSEX	DRAWN BY: MLF		TOTAL SHTS. CD282
					CHECKED BY: JRF		

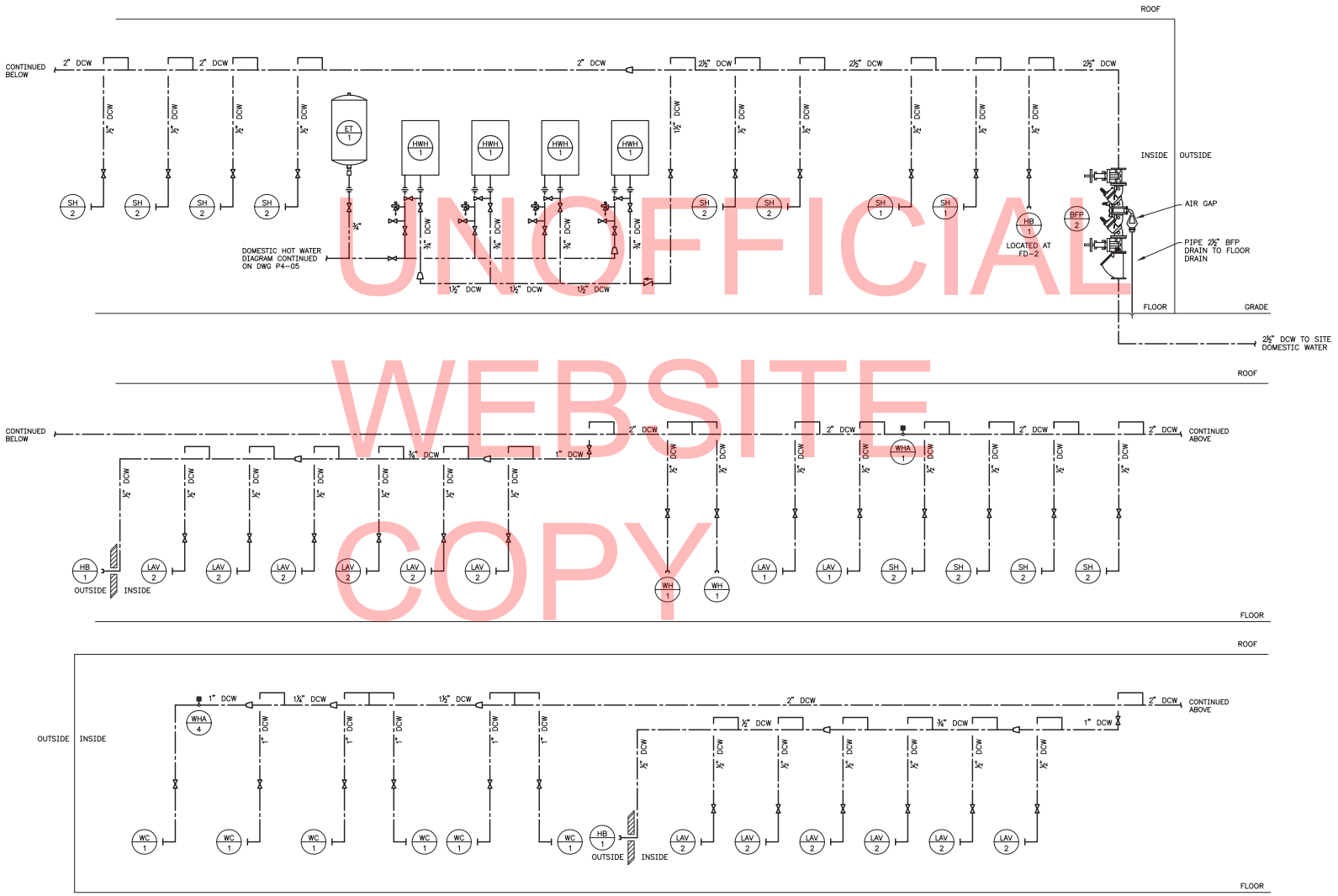


SANITARY RISER

SCALE: NONE

UNOFFICIAL WEBSITE COPY

DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE AS NOTED	INDIAN RIVER INLET PARK ENHANCEMENTS	CONTRACT T200507303	BRIDGE NO. X	RV SHOWER FACILITY BUILDING 4 RISER DIAGRAMS (SHEET 1 OF 3) P4-03	SHEET NO. CD237
				COUNTY SUSSEX	DRAWN BY: MLF		TOTAL SHTS. CD282
					CHECKED BY: JRF		



1 P4-04 DOMESTIC COLD WATER RISER

SCALE: NONE

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DELAWARE
DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

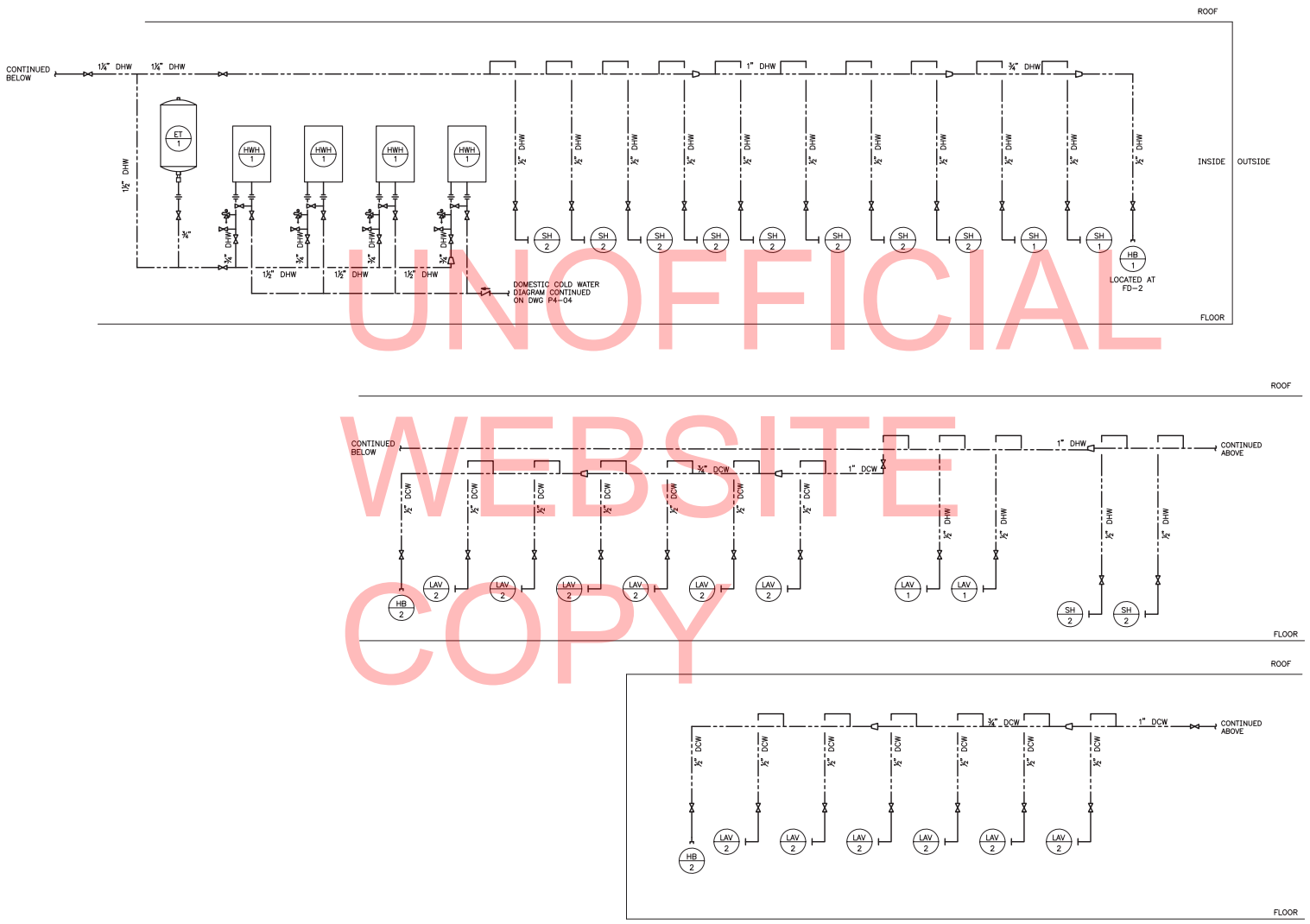
SCALE AS NOTED

INDIAN RIVER INLET
PARK ENHANCEMENTS

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

RV SHOWER FACILITY
BUILDING 4
RISER DIAGRAMS (SHEET 2 OF 3)
P4-04

SHEET NO.	CD238
TOTAL SHTS.	CD282



1 P4-05 DOMESTIC HOT WATER RISER
SCALE: NONE

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DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE AS NOTED	INDIAN RIVER INLET PARK ENHANCEMENTS	CONTRACT T200507303	BRIDGE NO. X	RV SHOWER FACILITY BUILDING 4 RISER DIAGRAMS (SHEET 3 OF 3) P4-05	SHEET NO. CD239
				COUNTY SUSSEX	DRAWN BY: MLF		TOTAL SHTS. CD282
					CHECKED BY: JRF		

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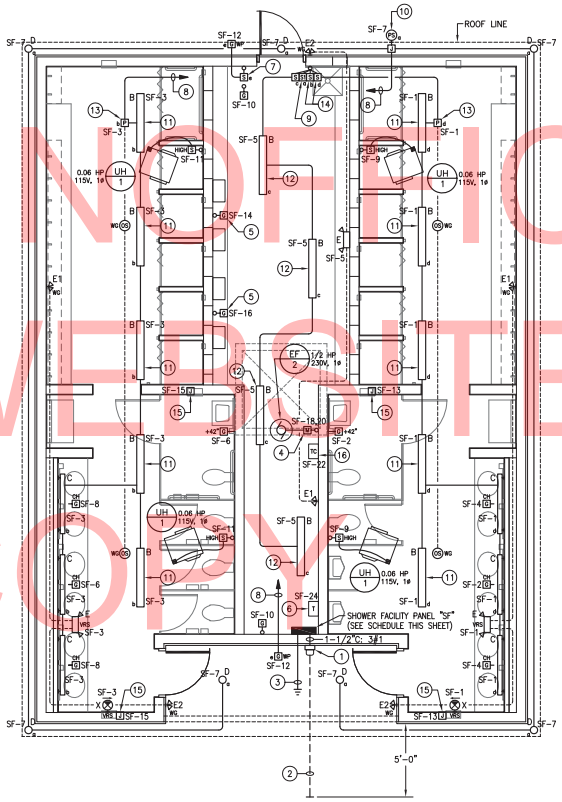
SHEET NOTES:

1. 125A, 1ø, 3W METER SOCKET PER UTILITY REQUIREMENTS (METER PROVIDED BY ELECTRIC UTILITY).
2. EMPTY 3" 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. RECEPTACLE OUTLET FOR GAS-FIRED INSTANTANEOUS WATER HEATERS. EXACT MOUNTING LOCATION TO BE FIELD-COORDINATED WITH MECHANICAL PIPING.
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 BY CHASE ENTRY DOOR.
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. CHAIN-SUSPEND LIGHTING FIXTURE 8'-0" A.F.F. EXACT LOCATION TO BE FIELD-COORDINATED WITH MECHANICAL PIPING & DUCTWORK.
13. POWER RELAY PACK WITH OCCUPANCY SENSORS FOR CONTROL OF BATHROOM LIGHTING FIXTURES. CONNECT PER MANUFACTURER'S WIRING INSTRUCTIONS.
14. MASTER-OFF SWITCHES FOR MEN'S & WOMEN'S ROOM LIGHTING FIXTURES (PROVIDE LABELS). CONNECT PER OCCUPANCY SENSOR MANUFACTURER'S WIRING INSTRUCTIONS.
15. JUNCTION BOX FOR HAND DRYER (510W, 120V, 1ø). FIELD-COORDINATE EXACT LOCATION AND PROVIDE ALL CIRCUITING TO HAND DRYER AS REQUIRED PER DRYER MANUFACTURER'S INSTALLATION INSTRUCTIONS.
16. TIME CLOCK CONTROL FOR EXHAUST FAN EF/2 (TIME CLOCK & CONTROL WIRING TO EXHAUST FAN PROVIDED BY CONTROLS CONTRACTOR). POWER SUPPLY CIRCUIT TO BE PROVIDED BY ELECTRICAL CONTRACTOR.



RV SHOWER FACILITY – ELECTRICAL PLAN
SCALE: 1/4"=1'-0"

PANELBOARD "SF" SCHEDULE

LOCATION: RV SHOWER FACILITY TYPE: 240/120V, 1ø, 3W

SOURCE: UTILITY TRANSFORMER MAIN BREAKER: 100A

DESCRIPTION	BRKR SIZE	CIR NO	A	B	CIR NO	BRKR SIZE	DESCRIPTION
LTG – MEN'S ROOM	20A	1			2	20A	REC – MEN'S ROOM
LTG – WOMEN'S ROOM	20A	3			4	20A	REC – MEN'S ROOM
LTG – CHASE	20A	5			6	20A	REC – WOMEN'S ROOM
LTG – EXTERIOR	20A	7			8	20A	REC – WOMEN'S ROOM
UNIT HEATERS (MEN'S)	20A	9			10	20A	REC – CHASE
UNIT HEATERS (WOMEN'S)	20A	11			12	20A	REC – EXTERIOR
HAND DRYERS (MEN'S)	20A	13			14	20A	REC – INST. WATER HTRS.
HAND DRYERS (WOMEN'S)	20A	15			16	20A	REC – INST. WATER HTRS.
SPARE	20A	17			18	15A	EXHAUST FAN
SPARE	20A	19			20		
SPARE	20A	21			22	15A	EXH. FAN TIME CLOCK CONTROL
SPARE	20A	23			24	20A	CONTROL POWER XFMR
PREPARED SPACE	–	25			26	–	PREPARED SPACE
PREPARED SPACE	–	27			28	–	PREPARED SPACE
PREPARED SPACE	–	29			30	–	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.

DELAWARE
DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

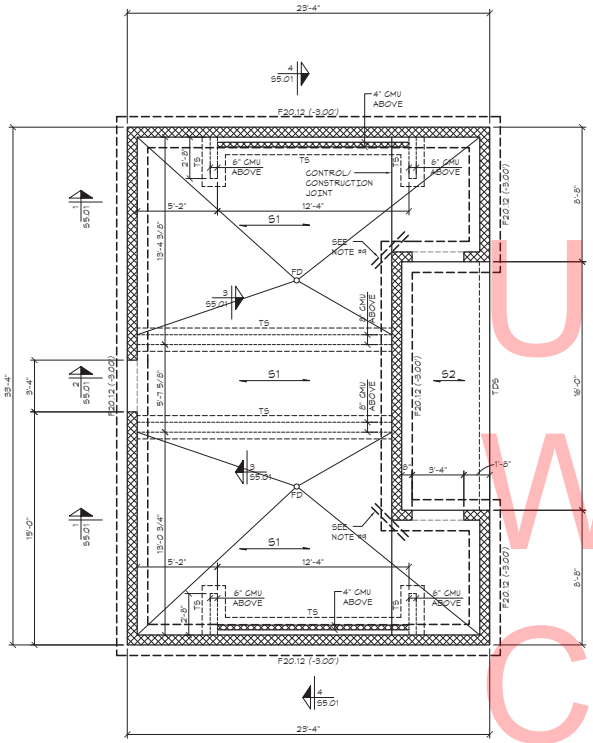
SCALE AS NOTED

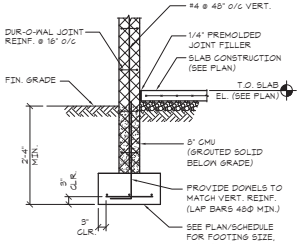
INDIAN RIVER INLET
PARK ENHANCEMENTS

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

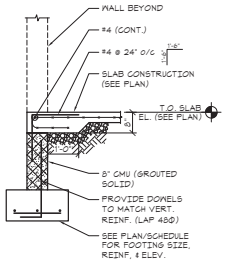
RV SHOWER FACILITY
BUILDING 4
ELECTRICAL PLAN
E4-01

SHEET NO. CD240
TOTAL SHTS. CD282

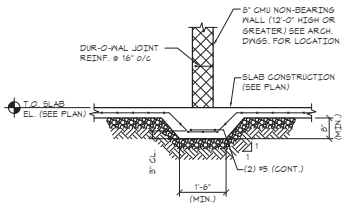




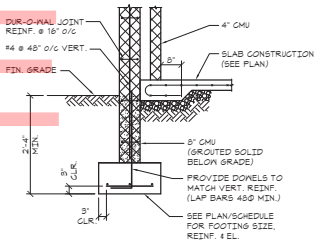
Section 1 S5-01



Section 2 S5-01



Section 3 S5-01



Section 4 S5-01

BLDG #5: 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. #'=# 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-W1.4X1.4 WWF OVER 6" CRUSHED STONE.
8. S2 INDICATES 4" CONCRETE SLAB ON GRADE (W/ 6% ENTRAINMENT) W/ 6X6-W1.4X1.4 WWF OVER 6" CRUSHED STONE.
9. PROVIDE (2) #3 x 3'-0" LG. CORNER BARS IN CONCRETE SLAB ON GRADE.
10. 'FD' INDICATES FLOOR DRAIN. SLOPE CONCRETE AS REQUIRED.

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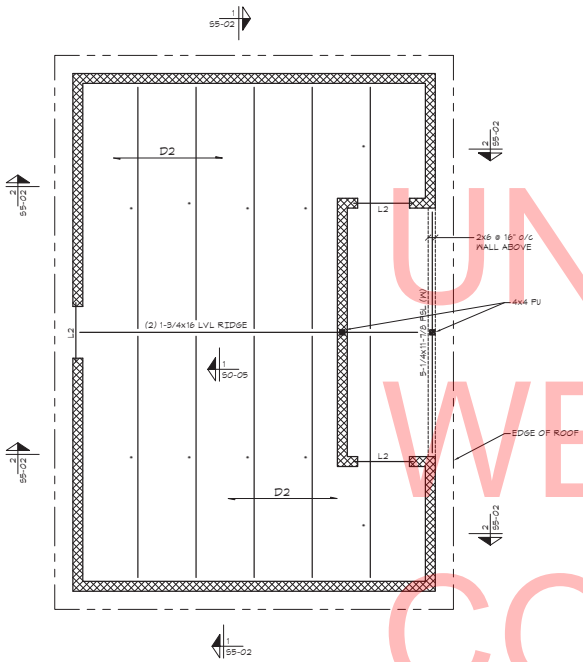
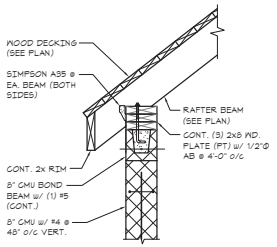
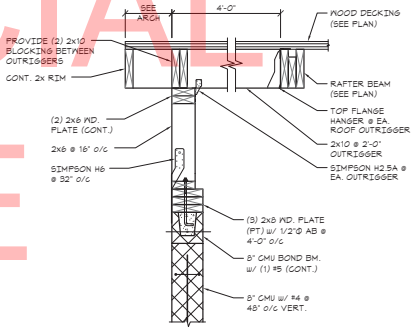
DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE AS NOTED	INDIAN RIVER INLET PARK ENHANCEMENTS	CONTRACT T200507303	BRIDGE NO. X	BATH HOUSE - BUILDING 5 PLANS / DETAILS S5-01	SHEET NO. CD241
				COUNTY SUSSEX	DRAWN BY: JNR		TOTAL SHTS. 282
					CHECKED BY: JRB		

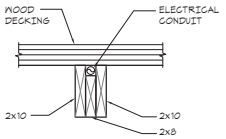




Section 1 S5-02



Section 2 S5-02



Typical (2) 2x10 + 2x8 Rafter Assembly

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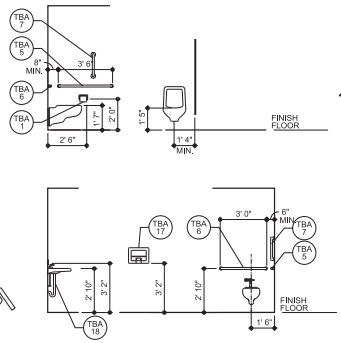
BLDG #5: ROOF FRAMING PLAN

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

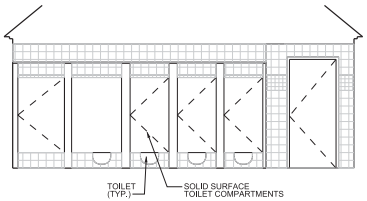
NOTES:

1. RAFTER BEARING EL. = (8'-4") ABOVE DATUM EL.
2. D2 INDICATES 2x6 T&G WOOD DECKING.
3. 'L' INDICATES LINTEL. SEE SCHEDULE ON DRAWING S0-03 FOR ADDITIONAL INFORMATION.
4. '*' INDICATES (2) 2x10 w/ 2x8 WOOD RAFTER ASSEMBLY. SEE TYPICAL DETAIL ON DWG. S5-02.
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. D1 INDICATES 5/8" T&G PLYWOOD ROOF SHEATHING.
8. 'W' INDICATES MEMBER TO BE WOLMANIZED (PRESSURE TREATED).

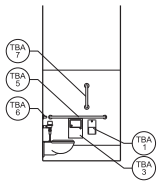
DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE AS NOTED	INDIAN RIVER INLET PARK ENHANCEMENTS	CONTRACT T200507303	BRIDGE NO. X	BATH HOUSE - BUILDING 5 PLANS / DETAILS	SHEET NO. CD242
				COUNTY SUSSEX	DRAWN BY: JNR		TOTAL SHTS. 282
					CHECKED BY: JRB	S5-02	



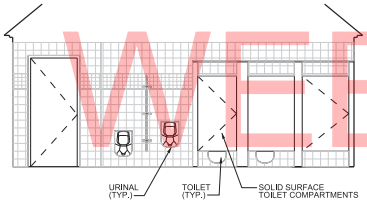
7 FIXTURES MOUNTING HEIGHTS
SCALE : 1/4"= 1'-0"



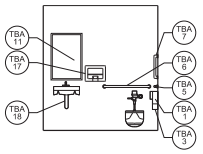
4 INTERIOR ELEVATION
SCALE : 1/4"= 1'-0"



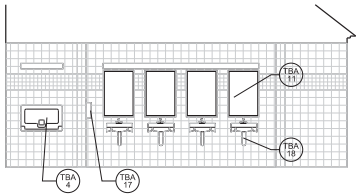
6 INTERIOR ELEVATION
SCALE : 1/4"= 1'-0"



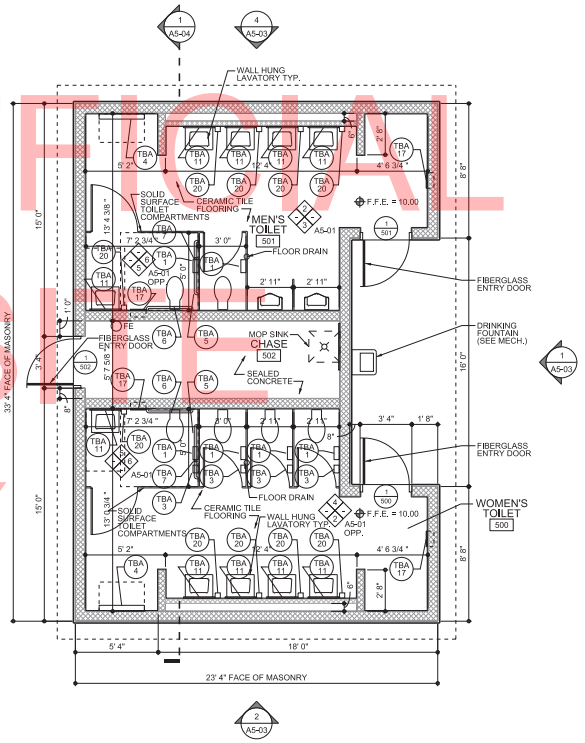
3 INTERIOR ELEVATION
SCALE : 1/4"= 1'-0"



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



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



1 FLOOR PLAN
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

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 ARCHITECTS 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.

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DELAWARE
DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE AS NOTED

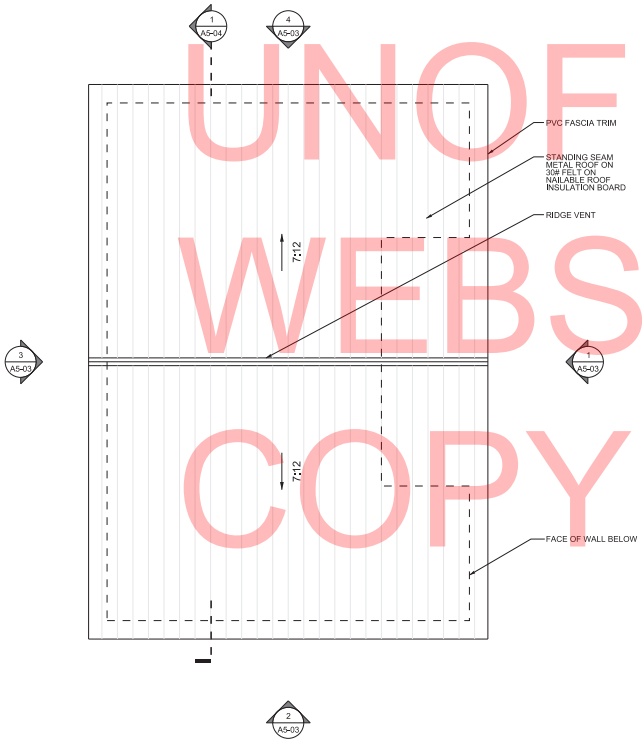
INDIAN RIVER INLET
PARK ENHANCEMENTS

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

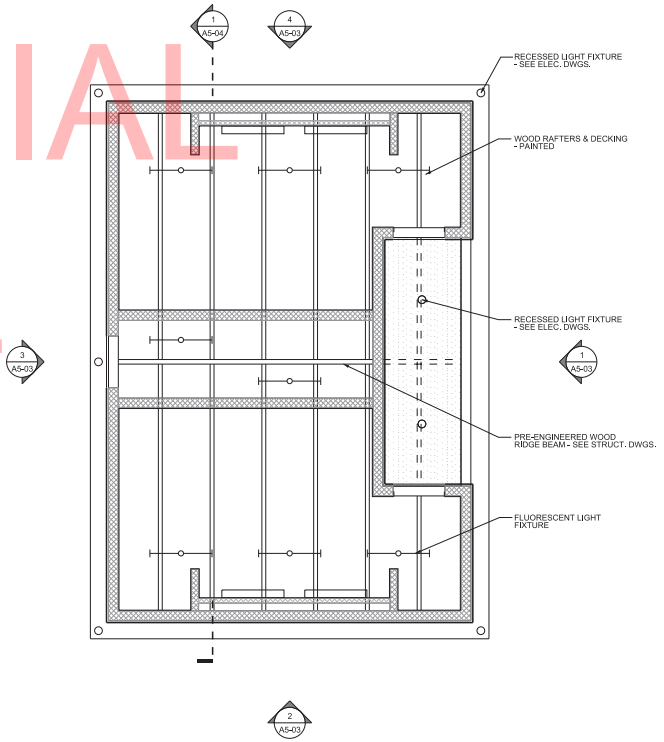
BATH HOUSE - BUILDING 5
FLOOR PLAN AND INTERIOR ELEVATIONS
A5-01

SHEET NO.	CD243
TOTAL SHTS.	282

UNOFFICIAL WEBSITE COPY

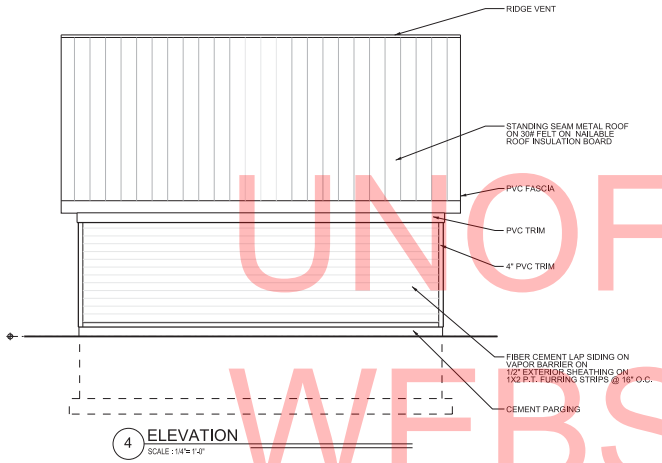


1 FLOOR PLAN
SCALE : 1/4"= 1'-0"

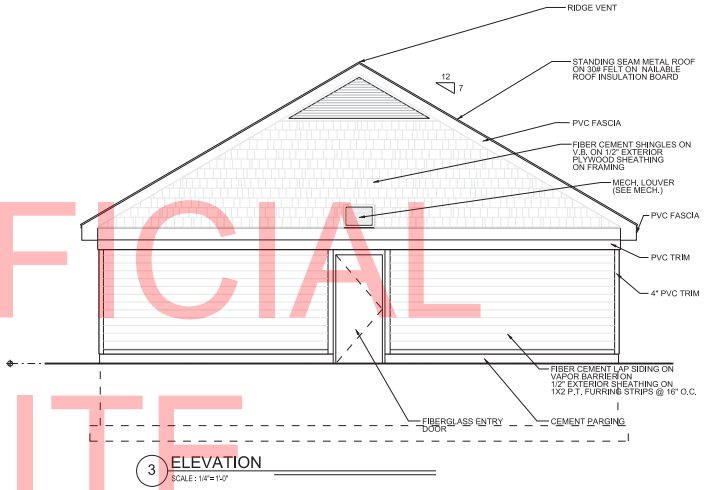


1 FLOOR PLAN
SCALE : 1/4"= 1'-0"

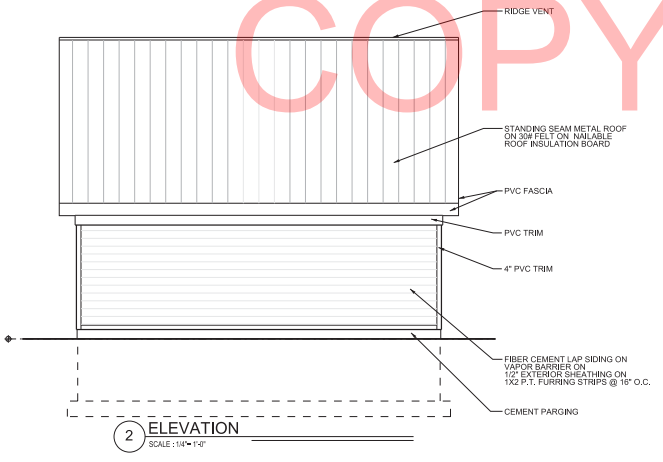
DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE AS NOTED	INDIAN RIVER INLET PARK ENHANCEMENTS	CONTRACT T200507303	BRIDGE NO. X	BATH HOUSE - BUILDING 5 PLANS A5-02	SHEET NO. CD244
				COUNTY SUSSEX	DRAWN BY: JAA		TOTAL SHTS. 282
					CHECKED BY: WJS		



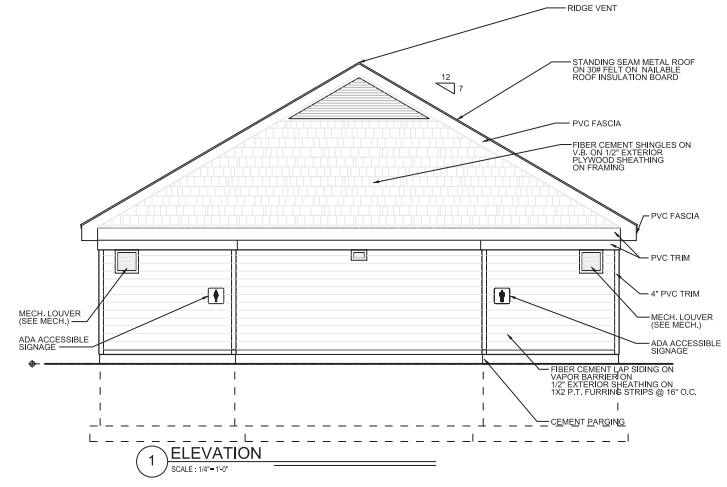
4 ELEVATION
SCALE : 1/4" = 1'-0"



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



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



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

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DELAWARE
DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

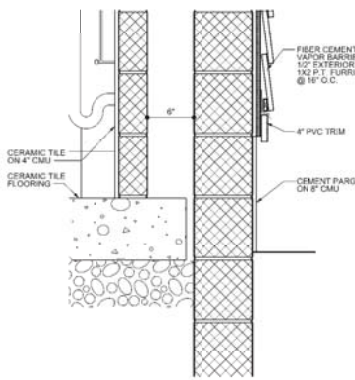
SCALE AS NOTED

INDIAN RIVER INLET
PARK ENHANCEMENTS

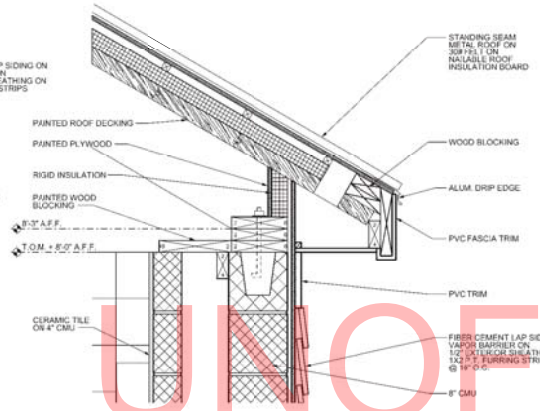
CONTRACT	T200507303
COUNTY	SUSSEX
BRIDGE NO.	X
DRAWN BY:	JAA
CHECKED BY:	WJS

BATH HOUSE - BUILDING 5
EXTERIOR ELEVATIONS
A5-03

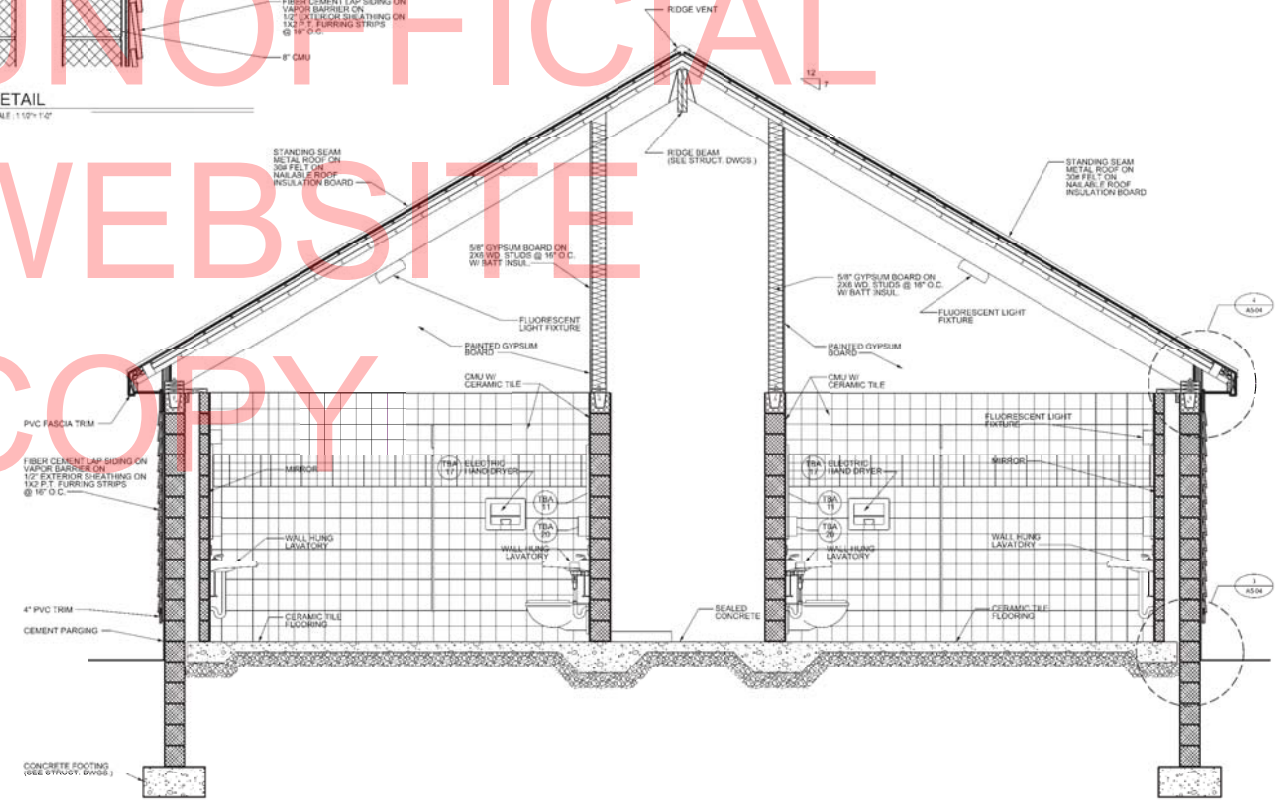
SHEET NO.	CD245
TOTAL SHTS.	282



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



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



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

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DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE AS NOTED	INDIAN RIVER INLET PARK ENHANCEMENTS	CONTRACT T200507303	BRIDGE NO. X	BATH HOUSE - BUILDING 5 SECTIONS A5-04	SHEET NO. CD246
				COUNTY SUSSEX	DRAWN BY: JAA		TOTAL SHTS. 282
					CHECKED BY: WJS		

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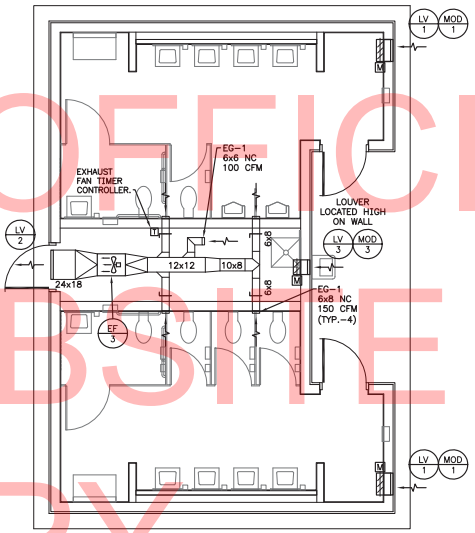
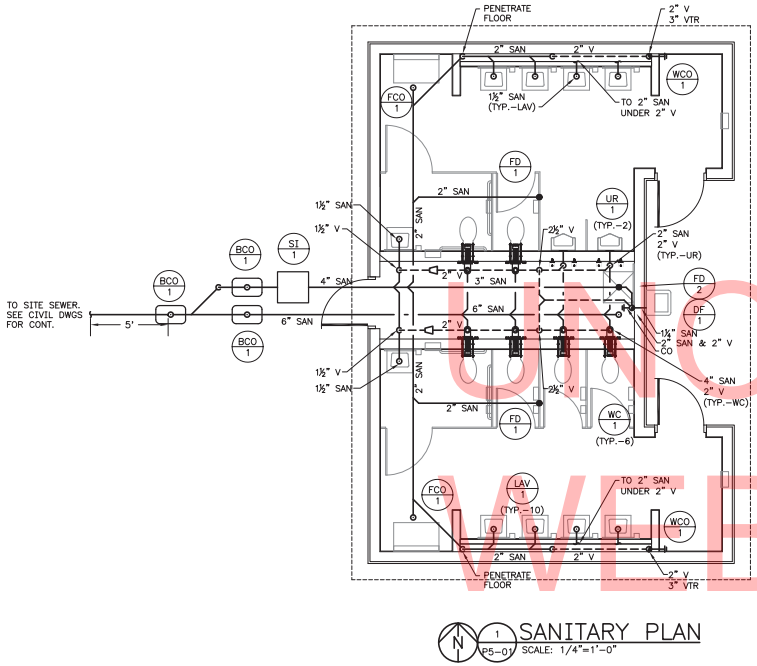


NOTES:
CONTRACTOR TO COORDINATE EXHAUST FAN TIMER CONTROLLER WITH ELECTRICAL & PLUMBING CONTRACTOR'S.

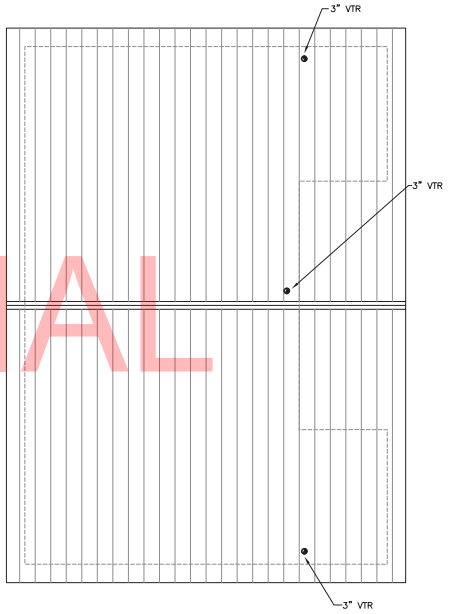
1 M5-01 DUCTWORK PLAN
SCALE: 1/4"=1'-0"

DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE AS NOTED	INDIAN RIVER INLET PARK ENHANCEMENTS	CONTRACT T200507303	BRIDGE NO. X	BATH HOUSE BUILDING 5 MECHANICAL PLANS M5-01	SHEET NO. CD247
				COUNTY SUSSEX	DRAWN BY: MLF		TOTAL SHTS. CD282
					CHECKED BY: JRF		



N 1 P5-01 SANITARY PLAN
SCALE: 1/4"=1'-0"

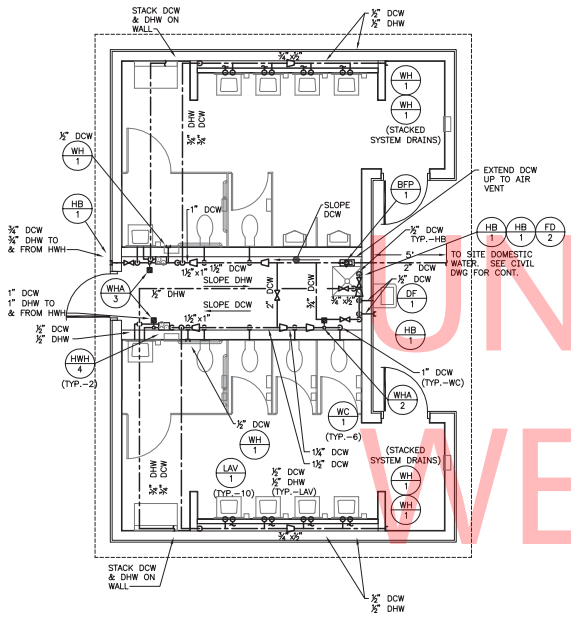
NOTES:
1. SEE DETAIL 6/P0-04 FOR JANITORS ROOM DRY VENT DETAIL.
2. IN AREA'S WHERE WCO & WH-1 ARE TO BE STACKED, CONTRACTOR TO STACK PIPING WITH ADEQUATE CLEARANCE FOR COVER PLATES.



N 2 P5-01 SANITARY ROOF PLAN
SCALE: 1/4"=1'-0"

UNOFFICIAL WEBSITE COPY

DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE AS NOTED	INDIAN RIVER INLET PARK ENHANCEMENTS	CONTRACT T200507303	BRIDGE NO. X	BATH HOUSE BUILDING 5 PLUMBING PLANS (SHEET 1 OF 2) P5-01	SHEET NO. CD248
				COUNTY SUSSEX	DRAWN BY: MLF		TOTAL SHTS. CD282
					CHECKED BY: JRF		



N 1 P5-02 DOMESTIC WATER PLAN
SCALE: 1/4"=1'-0"

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.
5. IN AREA'S WHERE WCO & WH-1 ARE TO BE STACKED, CONTRACTOR TO STACK PIPING WITH ADEQUATE CLEARANCE FOR COVER PLATES.

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DELAWARE
DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

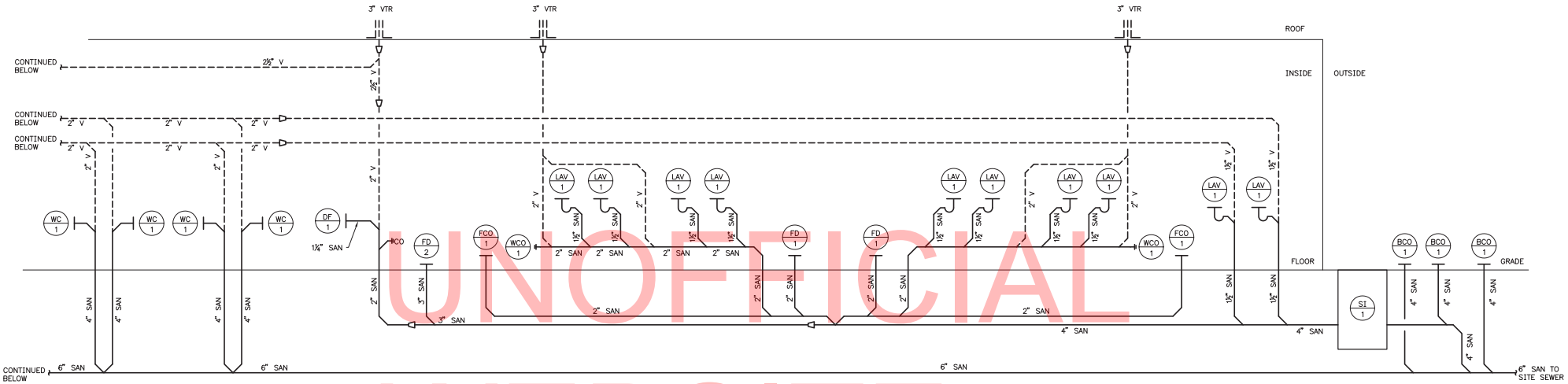
SCALE AS NOTED

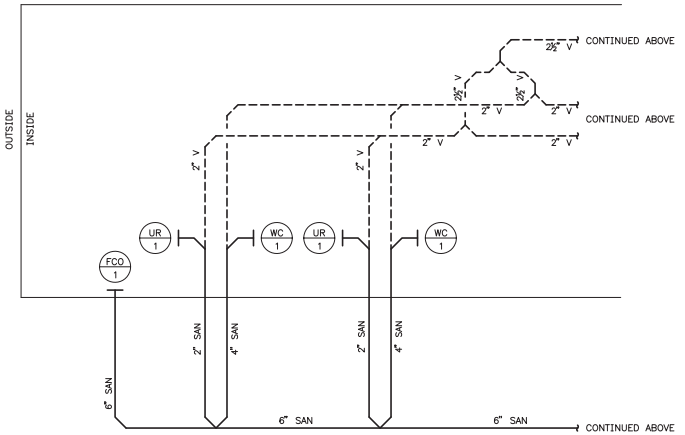
INDIAN RIVER INLET
PARK ENHANCEMENTS

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

BATH HOUSE
BUILDING 5
PLUMBING PLANS (SHEET 2 OF 2)
P5-02

SHEET NO. CD249
TOTAL SHTS. CD282

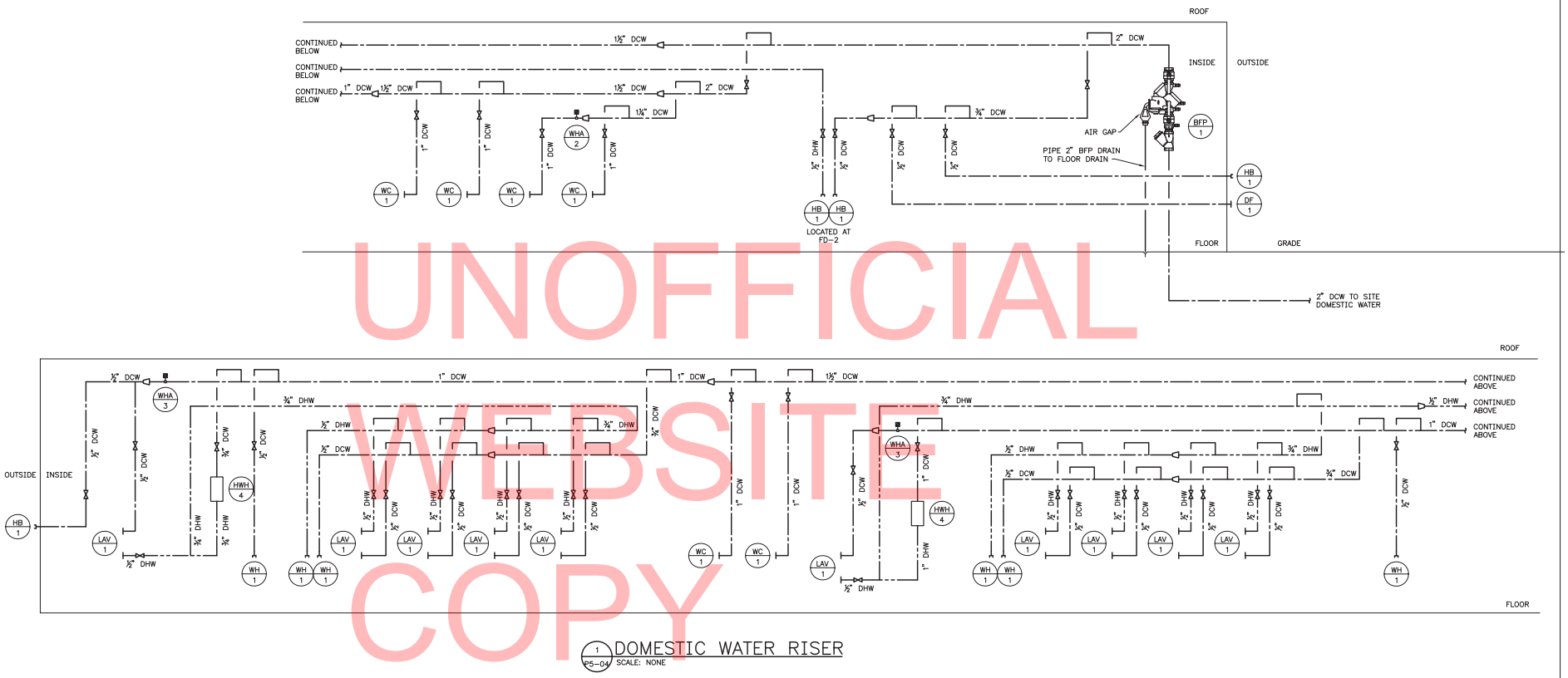




1 P5-03 SANITARY RISER
SCALE: NONE

UNOFFICIAL WEBSITE COPY

DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE AS NOTED	INDIAN RIVER INLET PARK ENHANCEMENTS	CONTRACT T200507303	BRIDGE NO. X	BATH HOUSE BUILDING 5 RISER DIAGRAMS (SHEET 1 OF 2) P5-03	SHEET NO. CD250
				COUNTY SUSSEX	DRAWN BY: MLF		TOTAL SHTS. CD282
					CHECKED BY: JRF		



1 P5-04 DOMESTIC WATER RISER
SCALE: NONE

UNOFFICIAL WEBSITE COPY

DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE AS NOTED	INDIAN RIVER INLET PARK ENHANCEMENTS	CONTRACT T200507303	BRIDGE NO. X	BATH HOUSE BUILDING 5 RISER DIAGRAMS (SHEET 2 OF 2) P5-04	SHEET NO. CD251
				COUNTY SUSSEX	DRAWN BY: MLF		TOTAL SHTS. CD282
					CHECKED BY: JRF		

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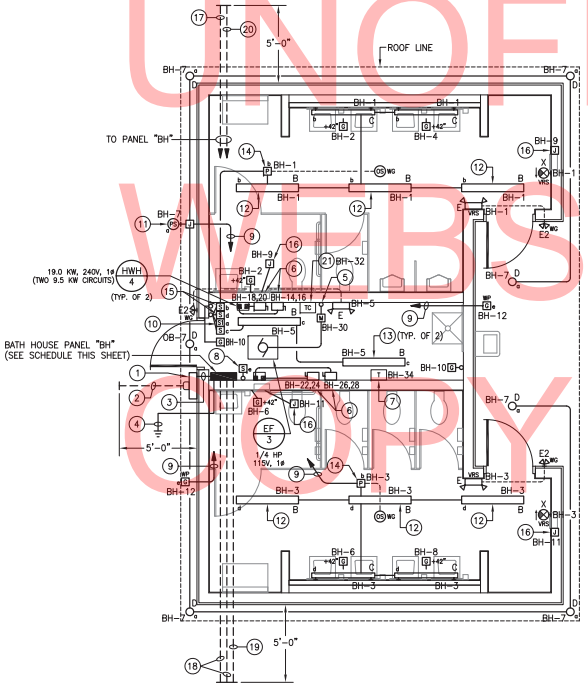


1 E5-01 BATH HOUSE – ELECTRICAL PLAN
SCALE: 1/4"=1'-0"

SHEET NOTES:

1. 400A, 1ø, 3W METER SOCKET PER UTILITY REQUIREMENTS (METER PROVIDED BY ELECTRIC UTILITY).
2. (2) EMPTY 3" SCHEDULE 80 PVC UNDERGROUND CONDUIT STUB-OUTS WITH PULL STRINGS FOR ELECTRICAL SERVICE TO BUILDING (CONDUCTORS PROVIDED BY OTHERS). TOP OF CONDUITS 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. (2) SETS OF 2"C: 3#3/0.
4. SEE DIAGRAM 3/E0-02 FOR PANELBOARD GROUNDING AND BONDING DETAILS.
5. SEE EXHAUST FAN WIRING DIAGRAM 2/E0-02.
6. 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).
7. 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.
8. MASTER SWITCH CONTROL FOR EXTERIOR RECEPTACLE OUTLETS (PROVIDE LABEL).
9. TO TOGGLE SWITCH BY CHASE ENTRY DOOR.
10. EXTERIOR LIGHTING MAINTENANCE SWITCH (PROVIDE LABEL). SEE EXTERIOR LIGHTING CONTROL WIRING DIAGRAM 1/E0-02.
11. 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.
12. SECURE LIGHTING FIXTURE TO UNDERSIDE OF ROOF JOISTS.
13. CHAIN-SUSPEND LIGHTING FIXTURE 8'-0" A.F.F. EXACT LOCATION TO BE FIELD-COORDINATED WITH MECHANICAL PIPING & DUCTWORK (TYP. OF 2.
14. POWER RELAY PACK WITH OCCUPANCY SENSORS FOR CONTROL OF BATHROOM LIGHTING FIXTURES. CONNECT PER MANUFACTURER'S WIRING INSTRUCTIONS.
15. MASTER-OFF SWITCHES FOR MEN'S & WOMEN'S ROOM LIGHTING FIXTURES (PROVIDE LABELS). CONNECT PER OCCUPANCY SENSOR MANUFACTURER'S WIRING INSTRUCTIONS.
16. JUNCTION BOX FOR HAND DRYER (510W, 120V, 1ø). FIELD-COORDINATE EXACT LOCATION AND PROVIDE ALL CIRCUITING TO HAND DRYER AS REQUIRED PER DRYER MANUFACTURER'S INSTALLATION INSTRUCTIONS.
17. EMPTY 2-1/2" SCHEDULE 80 PVC UNDERGROUND CONDUIT STUB-OUT WITH PULL STRING FOR ELECTRICAL FEEDER TO ADMINISTRATION CONTACT STATION (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").
18. 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").
19. EMPTY 1" SCHEDULE 80 PVC UNDERGROUND CONDUIT STUB-OUT WITH PULL STRING FOR PAVILION 7A LIGHTING & RECEPTACLE BRANCH CIRCUITS (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").
20. EMPTY 1" SCHEDULE 80 PVC UNDERGROUND CONDUIT STUB-OUT WITH PULL STRING FOR POST-MOUNTED GFCI RECEPTACLE 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").
21. TIME CLOCK CONTROL FOR EXHAUST FAN EF/3 (TIME CLOCK & CONTROL WIRING TO EXHAUST FAN PROVIDED BY CONTROLS CONTRACTOR). POWER SUPPLY CIRCUIT TO BE PROVIDED BY ELECTRICAL CONTRACTOR.

PANELBOARD "BH" SCHEDULE

LOCATION: BATH HOUSE TYPE: 240/120V, 1ø, 3W

SOURCE: UTILITY TRANSFORMER MAIN BREAKER: 400A

DESCRIPTION	BRKR SIZE	CIR NO	A	B	CIR NO	BRKR SIZE	DESCRIPTION
LTG – MEN'S ROOM	20A	1			2	20A	REC – MEN'S ROOM
LTG – WOMEN'S ROOM	20A	3			4	20A	REC – MEN'S ROOM
LTG – CHASE	20A	5			6	20A	REC – WOMEN'S ROOM
LTG – EXTERIOR	20A	7			8	20A	REC – WOMEN'S ROOM
HAND DRYERS (MEN'S)	20A	9			10	20A	REC – CHASE
HAND DRYERS (WOMEN'S)	20A	11			12	20A	REC – EXTERIOR
SPARE	20A	13			14	50A	INSTANTANEOUS WTR. HTR. (MEN'S) – CIRC. #1
SPARE	20A	15			16		
SPARE	20A	17			18	50A	INSTANTANEOUS WTR. HTR. (MEN'S) – CIRC. #2
SPARE	20A	19			20		
SPARE	20A	21			22	50A	INSTANTANEOUS WTR. HTR. (WOMEN'S) – CIRC. #1
SPARE	20A	23			24		
PREPARED SPACE	–	25			26	50A	INSTANTANEOUS WTR. HTR. (WOMEN'S) – CIRC. #2
PREPARED SPACE	–	27			28		
PREPARED SPACE	–	29			30	15A	EXHAUST FAN
PREPARED SPACE	–	31			32	15A	EXH. FAN TIME CLOCK CONTROL
(RESERVED FOR POST MTD. REC'S.)	20A	33			34	20A	CONTROL POWER XFMR
(RESERVED FOR PAVILION 7A LTG.)	20A	35			36	20A	SPARE
(RESERVED FOR PAVILION 7A REC'S)	20A	37			38	20A	SPARE
(RESERVED FOR SITE LTG.)	20A	39			40	60A	(RESERVED FOR FEEDER TO ADMIN. CONTACT STATION)
(RESERVED FOR SITE LTG.)	20A	41			42		

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.

DELAWARE
DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE AS NOTED

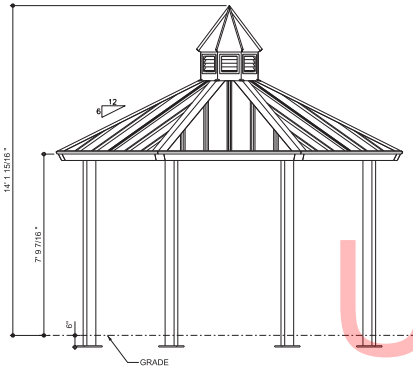
INDIAN RIVER INLET
PARK ENHANCEMENTS

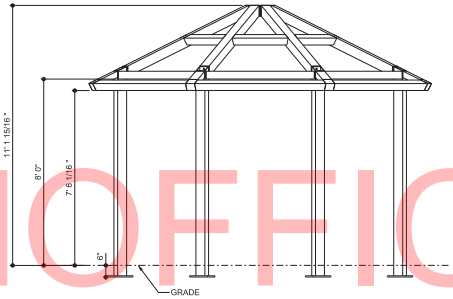
CONTRACT	BRIDGE NO.	X
T200507303	DRAWN BY:	AHH
COUNTY	CHECKED BY:	JRF
SUSSEX		

BATH HOUSE
BUILDING 5
ELECTRICAL PLAN
E5-01

SHEET NO.
CD252
TOTAL SHTS.
CD282

UNOFFICIAL WEBSITE COPY

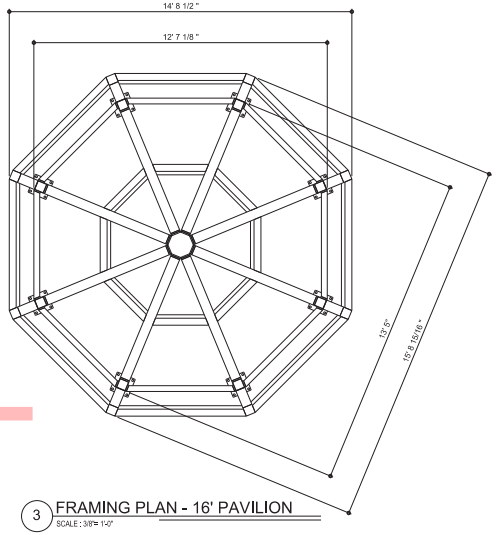




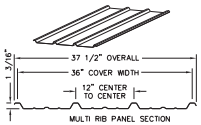
4 ELEVATION - 16' PAVILION
SCALE : 3/8"= 1'-0"

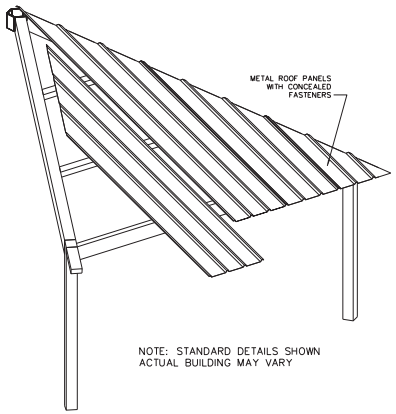
ALL STRUCTURAL COMPONENTS WILL BE:
TUBE: ASTM A500 GRADE B
PLATE: ASTM A36
BOLTS: ASTM A325
NUTS: ASTM A563
WELDING: GMAW

NOTE:
COLUMN SIZE: HSS 5X5X3/16

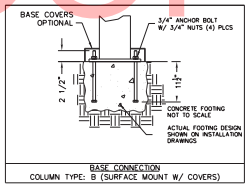


3 FRAMING PLAN - 16' PAVILION
SCALE : 3/8"= 1'-0"





NOTE: STANDARD DETAILS SHOWN
ACTUAL BUILDING MAY VARY



2 FOUNDATION DETAILS - 16' PAVILION
SCALE : NTS

NOTES:
1. SHADE STRUCTURES SHOWN ARE BASIS-OF-DESIGN ICON SHELTER SYSTEMS, INC. OTHER ACCEPTABLE MANUFACTURERS ARE CLASSIC RECREATION SYSTEMS, INC. & POLIGON, OR EQUIVALENT.
2. SHADE STRUCTURE MANUFACTURER IS RESPONSIBLE FOR ENGINEERING THE STRUCTURE, AND PROVIDE LOAD AND REACTION INFORMATION TO FOUNDATION DESIGN ENGINEER.
3. SHADE STRUCTURE TO BE ENGINEERED AS AN OPEN-AIR STRUCTURE, NO SIDE WALLS.
4. CONTRACTOR IS RESPONSIBLE TO ENGINEER AND PROVIDE THE CONCRETE FOUNDATIONS FOR THE STRUCTURES.

DEFINITIONS:
DL = SERVICE LEVEL DEAD LOAD REACTION WITH THE GREATEST AXIAL LOAD
SL = SERVICE LEVEL SNOW LOAD REACTION WITH THE GREATEST AXIAL LOAD
W-UL = SERVICE LEVEL WIND LOAD REACTION WITH THE GREATEST UPLIFT LOAD
W-Y = SERVICE LEVEL WIND LOAD REACTION WITH THE GREATEST MAGNITUDE OF SHEAR IN THE LOCAL Y DIRECTION
W-Z = SERVICE LEVEL WIND LOAD REACTION WITH THE GREATEST SHEAR VALUE ACTING IN THE SAME DIRECTION AS THE DL SHEAR LOAD
E-Y = SERVICE LEVEL SEISMIC LOAD REACTION WITH THE GREATEST MAGNITUDE OF SHEAR IN THE LOCAL Y DIRECTION
E-Z = SERVICE LEVEL SEISMIC LOAD REACTION WITH THE GREATEST MAGNITUDE OF SHEAR IN THE LOCAL Z DIRECTION

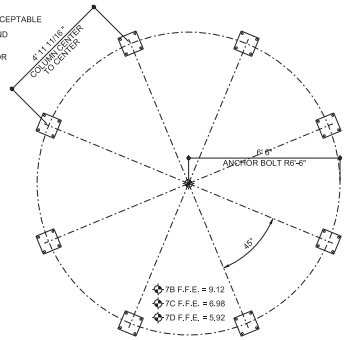
THESE FOUNDATION LOADS ARE FOR ESTIMATING PURPOSE ONLY. THE ACTUAL LOADS WILL BE DETERMINED IN THE FINAL ENGINEERING.

LOADS TO FOUNDATION (KIPS, IN-KIPS) CL1

LOAD COMBINATION	FOUNDATION LOADS				
	AXIAL (Fx)	SHEAR (Fy)	SHEAR (Fz)	MOMENT (My)	MOMENT (Mz)
DL	0.33	0.00	0.00	0.13	0.00
SL	0.45	0.00	0.00	-0.10	0.00
W-UPLIFT	-0.36	0.11	-0.02	2.03	6.38
W-FY	-0.26	-0.11	0.02	-1.95	-6.36
W-FZ	-0.35	-0.04	-0.06	4.87	-2.66
E-FY	-0.01	-0.02	0.00	0.34	-1.09
E-Z	-0.02	-0.01	-0.01	0.82	-0.45

NOTE:

1. POST LOCATIONS TO BE COORDINATED TO NOT INTERFERE WITH ACCESSIBILITY TO COMPLY TO ANSI A117.1 THE AMERICANS WITH DISABILITIES ACT (ADA) AND THE STATE OF DELAWARE'S ARCHITECTURAL ACCESSIBILITY BOARD.



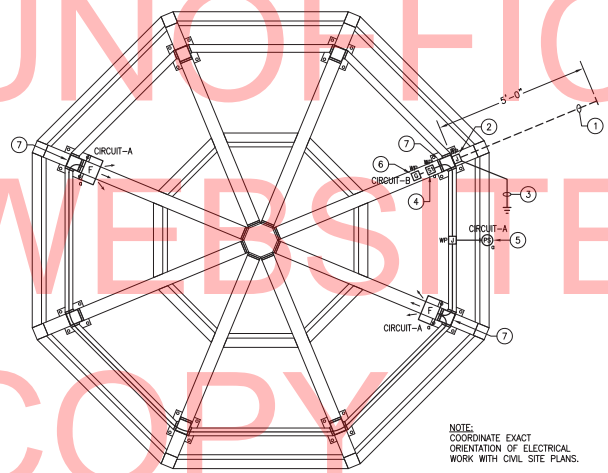
1 FOUNDATION PLAN - 16' PAVILION
SCALE : 3/8"= 1'-0"

DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE AS NOTED	INDIAN RIVER INLET PARK ENHANCEMENTS	CONTRACT T200507303	BRIDGE NO. X	16' SHADE PAVILION - BUILDING 7B, 7C, 7D	SHEET NO. CD253
				COUNTY SUSSEX	DRAWN BY: JAA		TOTAL SHTS. 282
					CHECKED BY: WJS	A7-01	

UNOFFICIAL WEBSITE COPY

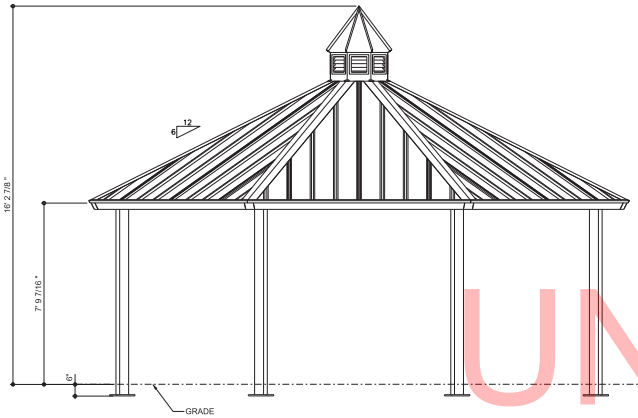
SHEET NOTES:

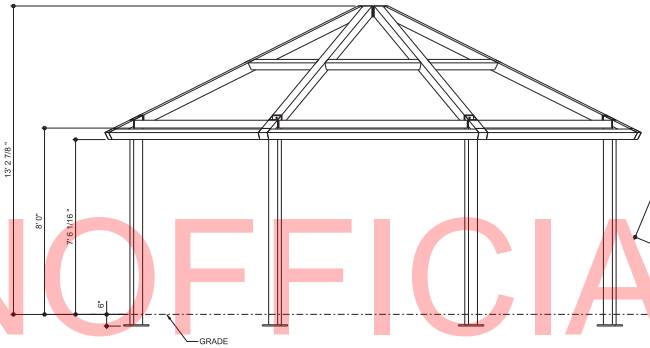
1. EMPTY 1" SCHEDULE 80 PVC UNDERGROUND CONDUIT STUB-OUT WITH PULL STRING FOR LIGHTING & RECEPTACLE BRANCH CIRCUITS TO PAVILION (CONDUCTORS PROVIDED BY OTHERS). TOP OF CONDUIT SHALL BE BURIED MINIMUM 36" BELOW FINISHED GRADE. PROVIDE CONTINUOUS DETECTABLE RED WARNING TAPE IN BACKFILL 12" BELOW FINISHED GRADE ("CAUTION – BURIED ELECTRIC LINE BELOW").
2. PROVIDE WEATHERPROOF JUNCTION BOX SIZED AS REQUIRED TO DO THE FOLLOWING:
   A. TERMINATE CIRCUITS –A & –B FOR CONNECTION TO BRANCH CIRCUIT CONDUCTORS BY OTHERS. PROVIDE MINIMUM 12" OF SLACK FOR EACH CIRCUIT.
   B. PROVIDE EQUIPMENT GROUNDING BUS SIZED AS REQUIRED TO TERMINATE EQUIPMENT GROUNDING CONDUCTORS AND GROUNDING ELECTRODE CONDUCTOR. EQUIPMENT GROUNDING BUS SHALL BE BONDED TO JUNCTION BOX HOUSING. NEUTRAL CONDUCTORS SHALL NOT BE BONDED TO EQUIPMENT GROUNDS ANYWHERE AT PAVILION.
3. PROVIDE THE FOLLOWING GROUNDING ELECTRODE CONDUCTORS FROM EQUIPMENT GROUNDING BUS IN JUNCTION BOX:
   A. 1#6 COPPER TO MINIMUM OF (2) 3/4" x 10'-0" COPPER-BONDED GROUND RODS SPACED MINIMUM 10'-0" APART. TOP OF RODS SHALL BE BURIED MINIMUM 12" BELOW FINISHED GRADE.
   B. 1#6 COPPER TO BUILDING STRUCTURAL METAL (INCLUDING METAL ROOF).
4. PAVILION LIGHTING MAINTENANCE SWITCH; SEE EXTERIOR LIGHTING CONTROL WIRING DIAGRAM 1/E0-02.
5. OUTDOOR PHOTOSENSOR FOR CONTROL OF PAVILION LIGHTING FIXTURES (SEE EXTERIOR LIGHTING CONTROL WIRING DIAGRAM 1/E0-02 FOR DETAILS). MOUNT AS REQUIRED ON NORTH SIDE OF STRUCTURE.
6. PROVIDE VERTICAL WEATHERPROOF WHILE-IN-USE DEVICE COVER. COVER SHALL BE HEAVY DUTY GRAY DIE-CAST ALUMINUM OR ZINC (HUBBELL CAT. NO. WP826 OR APPROVED EQUAL BY PASS & SEYMOUR).
7. ROUTE CIRCUITING WITHIN STRUCTURAL POST; COORDINATE WITH ARCHITECTURAL PLANS.



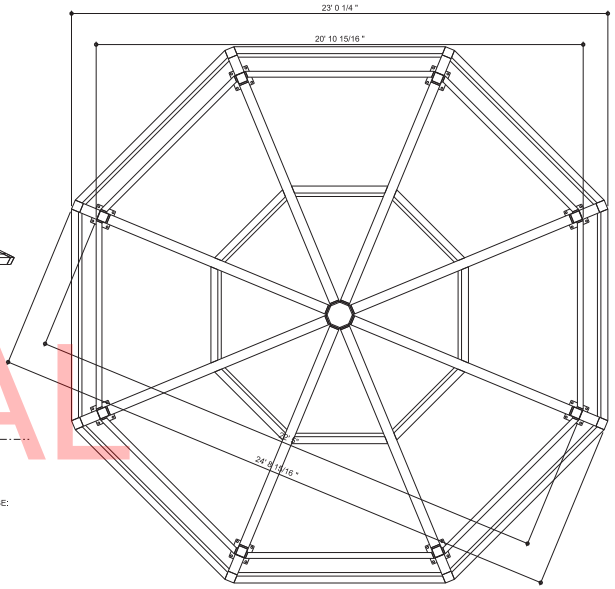
1 / E7-01 16' SHADE PAVILION – ELECTRICAL PLAN
SCALE: 1/2" = 1'-0"

DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE AS NOTED	INDIAN RIVER INLET PARK ENHANCEMENTS	CONTRACT T200507303	BRIDGE NO. X	16' SHADE PAVILION BUILDING 7B, 7C, 7D ELECTRICAL PLAN A7-01A	SHEET NO. CD253A
				COUNTY SUSSEX	DRAWN BY: AHH		TOTAL SHTS. CD282
					CHECKED BY: JRF		





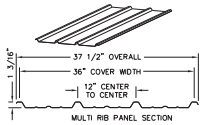
4 ELEVATION - 25' PAVILION
SCALE : 3/8"= 1'-0"



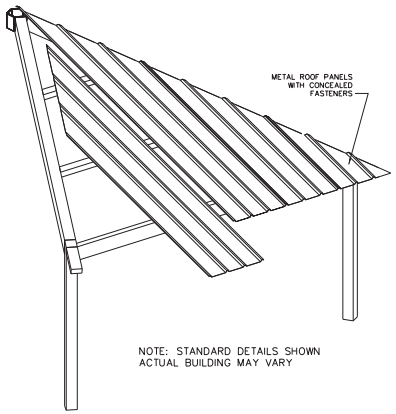
ALL STRUCTURAL COMPONENTS WILL BE:
TUBE: ASTM A500 GRADE B
PLATE: ASTM A36
BOLTS: ASTM A325
NUTS: ASTM A563
WELDING: GMAW

NOTE:
COLUMN SIZE: HSS 5X5X3/16

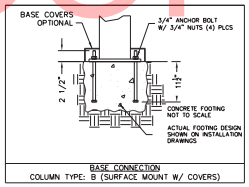
3 FRAMING PLAN - 25' PAVILION
SCALE : 3/8"= 1'-0"



MULTI RIB PANEL SECTION



NOTE: STANDARD DETAILS SHOWN
ACTUAL BUILDING MAY VARY



2 FOUNDATION DETAILS - 25' PAVILION
SCALE : NTS

NOTES:
1. SHADE STRUCTURES SHOWN ARE BASIS-OF-DESIGN ICON SHELTER SYSTEMS, INC.. OTHER ACCEPTABLE MANUFACTURERS ARE CLASSIC RECREATION SYSTEMS, INC. & POLIGON, OR EQUIVALENT.
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3. SHADE STRUCTURE TO BE ENGINEERED AS AN OPEN-AIR STRUCTURE. NO SIDE WALLS.
4. CONTRACTOR IS RESPONSIBLE TO ENGINEER AND PROVIDE THE CONCRETE FOUNDATIONS FOR THE STRUCTURES.

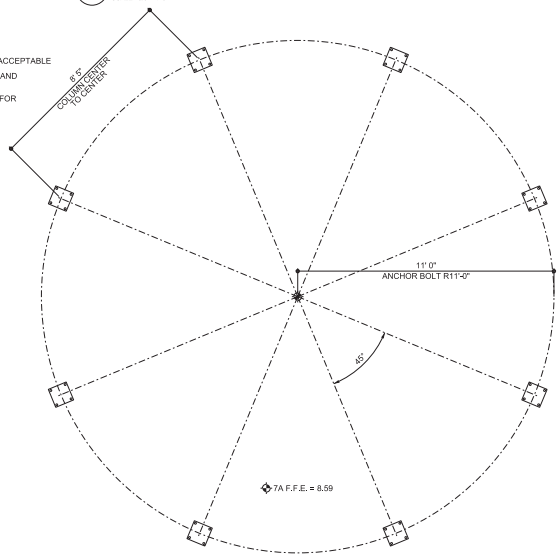
DEFINITIONS:
DL = SERVICE LEVEL DEAD LOAD REACTION WITH THE GREATEST AXIAL LOAD
SL = SERVICE LEVEL SNOW LOAD REACTION WITH THE GREATEST AXIAL LOAD
W-UL = SERVICE LEVEL WIND LOAD REACTION WITH THE GREATEST UPLIFT LOAD
W-Y = SERVICE LEVEL WIND LOAD REACTION WITH THE GREATEST MAGNITUDE OF SHEAR IN THE LOCAL Y DIRECTION
W-Z = SERVICE LEVEL WIND LOAD REACTION WITH THE GREATEST SHEAR VALUE ACTING IN THE SAME DIRECTION AS THE DL SHEAR LOAD
E-Y = SERVICE LEVEL SEISMIC LOAD REACTION WITH THE GREATEST MAGNITUDE OF SHEAR IN THE LOCAL Y DIRECTION
E-Z = SERVICE LEVEL SEISMIC LOAD REACTION WITH THE GREATEST MAGNITUDE OF SHEAR IN THE LOCAL Z DIRECTION

THESE FOUNDATION LOADS ARE FOR ESTIMATING PURPOSE ONLY. THE ACTUAL LOADS WILL BE DETERMINED IN THE FINAL ENGINEERING.

LOADS TO FOUNDATION (KIPS, IN-KIPS) CL1

LOAD COMBINATION	FOUNDATION LOADS AXIAL (Fx)	SHEAR (Fy)	SHEAR (Fz)	MOMENT (My)	MOMENT (Mz)
DL	0.33	0.00	0.00	0.13	0.00
SL	0.45	0.00	0.00	-0.10	0.00
W-UPLIFT	-0.36	0.11	-0.02	2.03	6.38
W-FY	-0.26	-0.11	0.02	-1.95	-6.36
W-FZ	-0.35	-0.04	-0.06	4.87	-2.66
E-FY	-0.01	-0.02	0.00	0.34	-1.09
E-Z	-0.02	-0.01	-0.01	0.82	-0.45

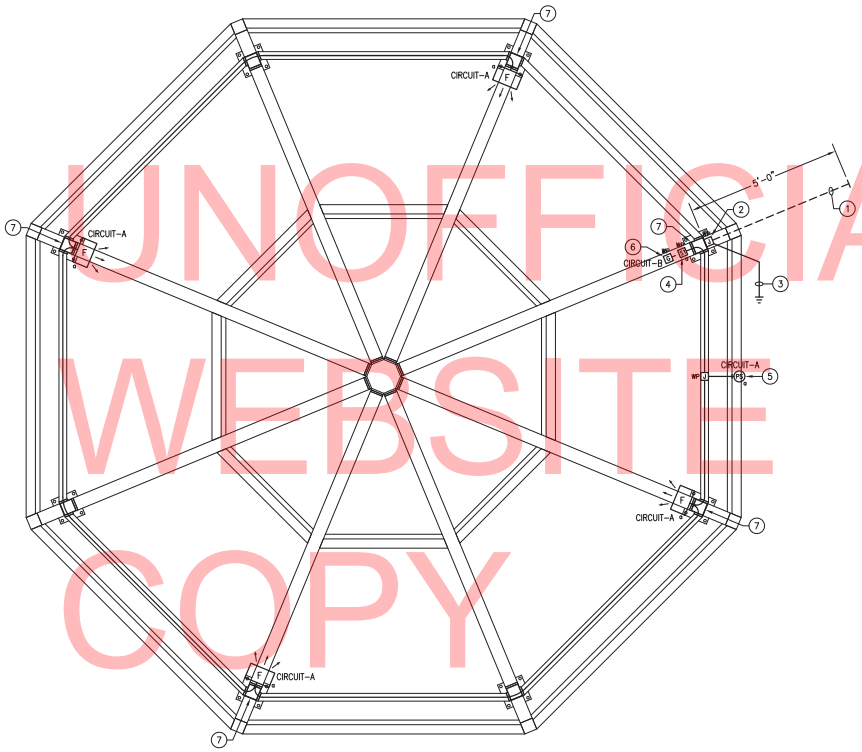
NOTE:
1. POST LOCATIONS TO BE COORDINATED TO NOT INTERFERE WITH ACCESSIBILITY TO COMPLY TO ANSI A117.1 THE AMERICANS WITH DISABILITIES ACT (ADA) AND THE STATE OF DELAWARE'S ARCHITECTURAL ACCESSIBILITY BOARD.



1 FOUNDATION PLAN - 25' PAVILION
SCALE : 3/8"= 1'-0"

UNOFFICIAL WEBSITE COPY

DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE AS NOTED	INDIAN RIVER INLET PARK ENHANCEMENTS	CONTRACT T200507303	BRIDGE NO. X	25' SHADE PAVILION - BUILDING 7A
				COUNTY SUSSEX	DRAWN BY: JAA	A7-02
					CHECKED BY: WJS	SHEET NO. CD254
						TOTAL SHTS. 282



25' SHADE PAVILION – ELECTRICAL PLAN

N 1 E7-02 SCALE: 1/2" = 1'-0"

SHEET NOTES:

1. EMPTY 1" SCHEDULE 80 PVC UNDERGROUND CONDUIT STUB-OUT WITH PULL STRING FOR LIGHTING & RECEPTACLE BRANCH CIRCUITS TO PAVILION (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").
2. PROVIDE WEATHERPROOF JUNCTION BOX SIZED AS REQUIRED TO DO THE FOLLOWING:
   A. TERMINATE CIRCUITS –A & –B FOR CONNECTION TO BRANCH CIRCUIT CONDUCTORS BY OTHERS. PROVIDE MINIMUM 12" OF SLACK FOR EACH CIRCUIT.
   B. PROVIDE EQUIPMENT GROUNDING BUS SIZED AS REQUIRED TO TERMINATE EQUIPMENT GROUNDING CONDUCTORS AND GROUNDING ELECTRODE CONDUCTOR. EQUIPMENT GROUNDING BUS SHALL BE BONDED TO JUNCTION BOX HOUSING. NEUTRAL CONDUCTORS SHALL NOT BE BONDED TO EQUIPMENT GROUNDS ANYWHERE AT PAVILION.
3. PROVIDE THE FOLLOWING GROUNDING ELECTRODE CONDUCTORS FROM EQUIPMENT GROUNDING BUS IN JUNCTION BOX:
   A. 1#6 COPPER TO MINIMUM OF (2) 3/4" x 10'-0" COPPER-BONDED GROUND RODS SPACED MINIMUM 10'-0" APART. TOP OF RODS SHALL BE BURIED MINIMUM 12" BELOW FINISHED GRADE.
   B. 1#6 COPPER TO BUILDING STRUCTURAL METAL (INCLUDING METAL ROOF).
4. PAVILION LIGHTING MAINTENANCE SWITCH; SEE EXTERIOR LIGHTING CONTROL WIRING DIAGRAM 1/E0-02.
5. OUTDOOR PHOTOSENSOR FOR CONTROL OF PAVILION LIGHTING FIXTURES (SEE EXTERIOR LIGHTING CONTROL WIRING DIAGRAM 1/E0-02 FOR DETAILS). MOUNT AS REQUIRED ON NORTH SIDE OF STRUCTURE.
6. PROVIDE VERTICAL WEATHERPROOF WHILE-IN-USE DEVICE COVER. COVER SHALL BE HEAVY DUTY GRAY DIE-CAST ALUMINUM OR ZINC (HUBBELL CAT. NO. WP826 OR APPROVED EQUAL BY PASS & SEYMOUR).
7. ROUTE CIRCUITING WITHIN STRUCTURAL POST; COORDINATE WITH ARCHITECTURAL PLANS.

UNOFFICIAL WEBSITE COPY

DELAWARE
DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

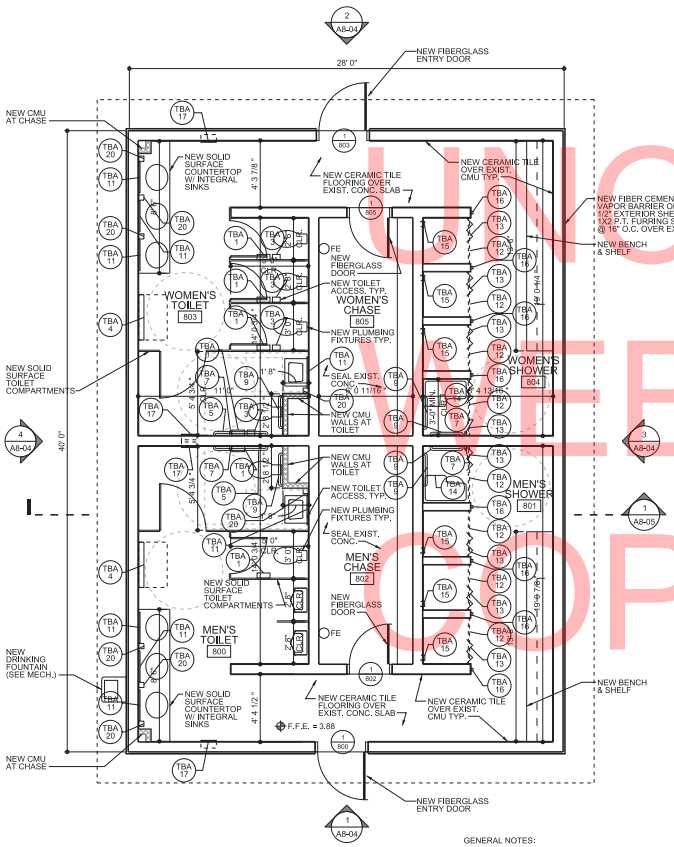
SCALE AS NOTED

INDIAN RIVER INLET
PARK ENHANCEMENTS

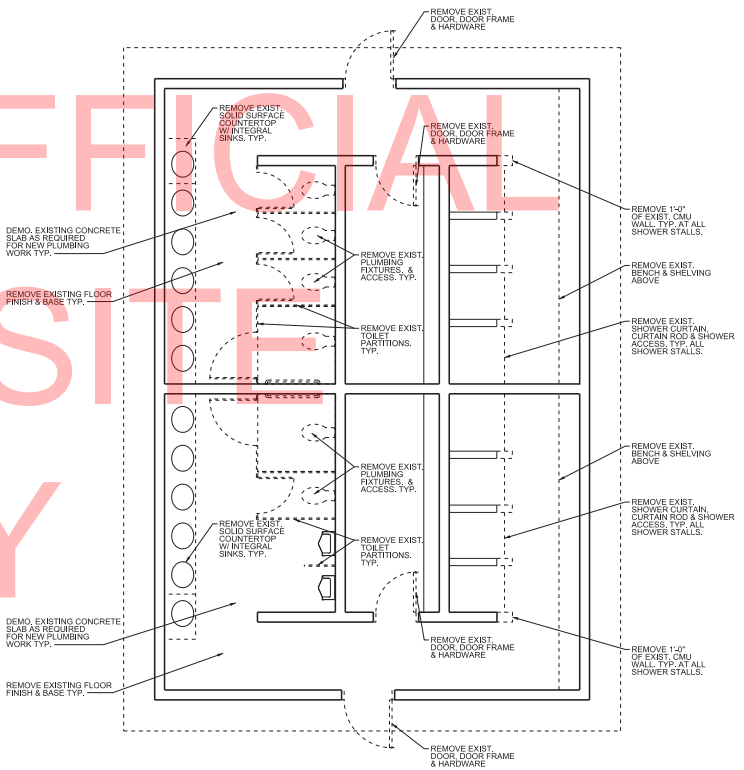
CONTRACT	BRIDGE NO.	X	
T200507303	DRAWN BY:	AHH	
COUNTY	CHECKED BY:	JRF	
SUSSEX			

25' SHADE PAVILION
BUILDING 7A
ELECTRICAL PLAN
A7-02A

SHEET NO.	CD254A
TOTAL SHTS.	CD282



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



1 DEMOLITION FLOOR PLAN
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

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.

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DELAWARE
DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE AS NOTED

INDIAN RIVER INLET
PARK ENHANCEMENTS

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

EXIST. SOUTHEAST BATH HOUSE - BUILDING 8 PLANS
A8-01

SHEET NO.	CD255
TOTAL SHTS.	282

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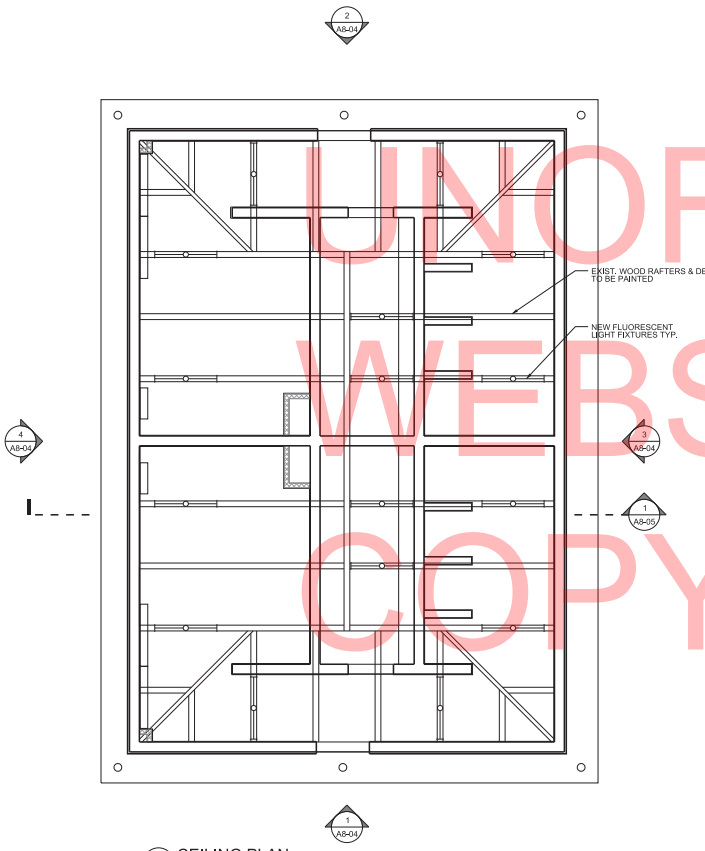
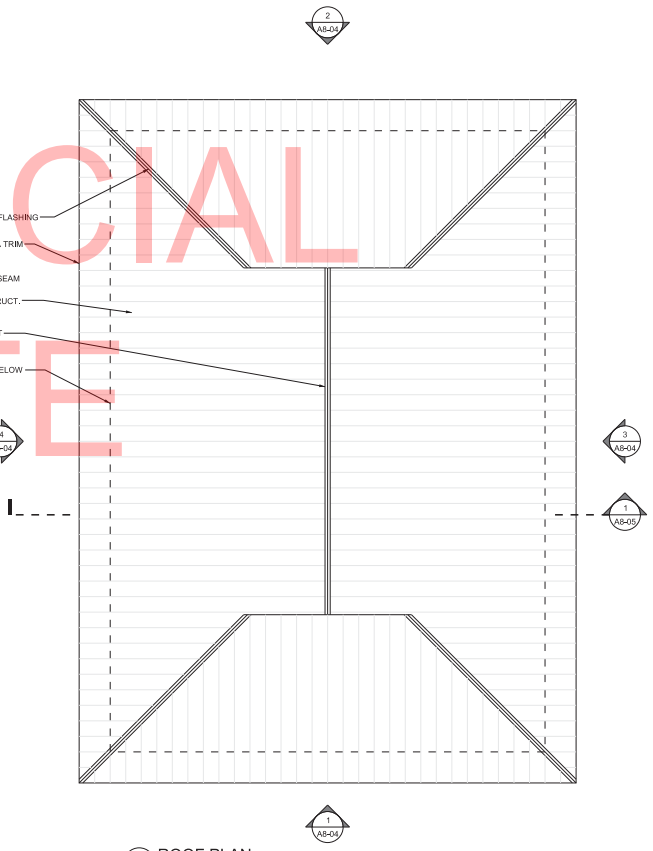
WEBSITE
COPY

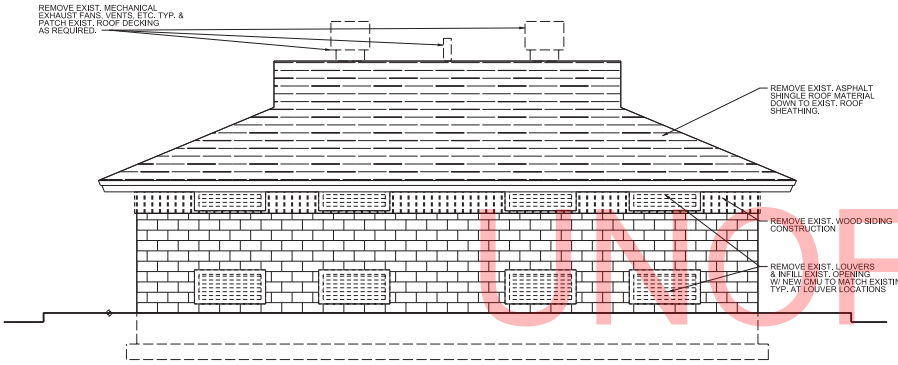


2 CEILING PLAN
SCALE : 1/4"= 1'-0"

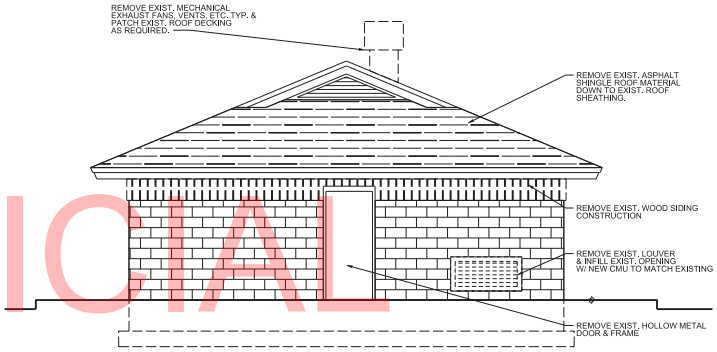


1 ROOF PLAN
SCALE : 1/4"= 1'-0"

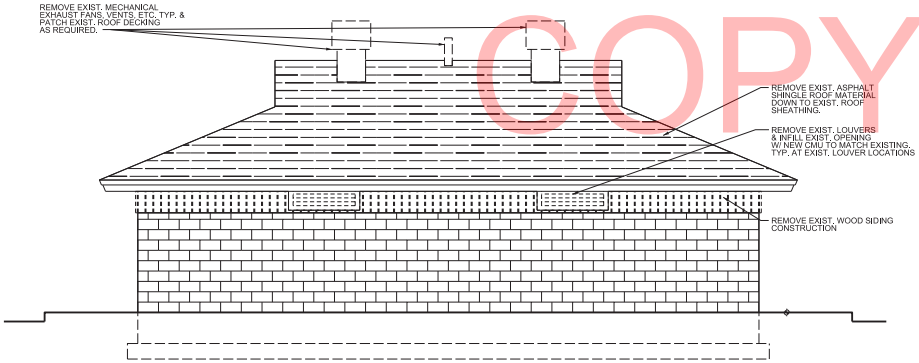
DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE AS NOTED	INDIAN RIVER INLET PARK ENHANCEMENTS	CONTRACT T200507303	BRIDGE NO. X	EXIST. SOUTHEAST BATH HOUSE - BUILDING 8 PLANS A8-02	SHEET NO. CD256
				COUNTY SUSSEX	DRAWN BY: JAA		TOTAL SHTS. 282
					CHECKED BY: WJS		



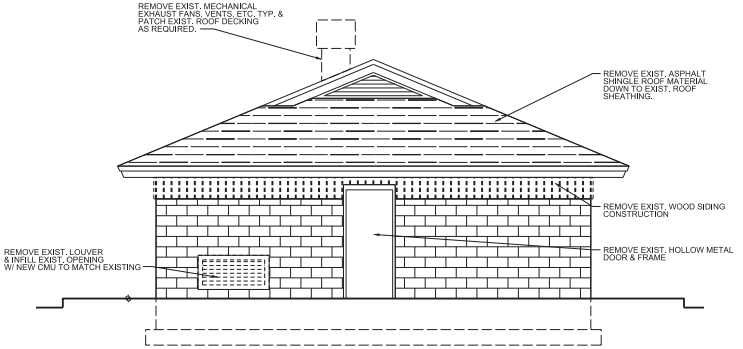
4 ELEVATION
SCALE : 1/4"= 1'-0"



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



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



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

GENERAL NOTES:

1. APPROXIMATELY 500 S.F. OF EXISTING DETERIORATED WOOD ROOF DECKING IS TO BE REPLACED WITH NEW WOOD ROOF DECKING TO MATCH EXISTING.

UNOFFICIAL WEBSITE COPY

DELAWARE
DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

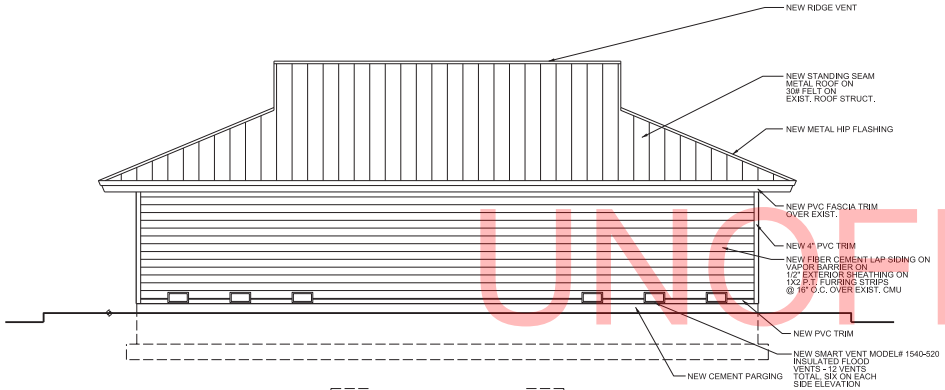
SCALE AS NOTED

INDIAN RIVER INLET
PARK ENHANCEMENTS

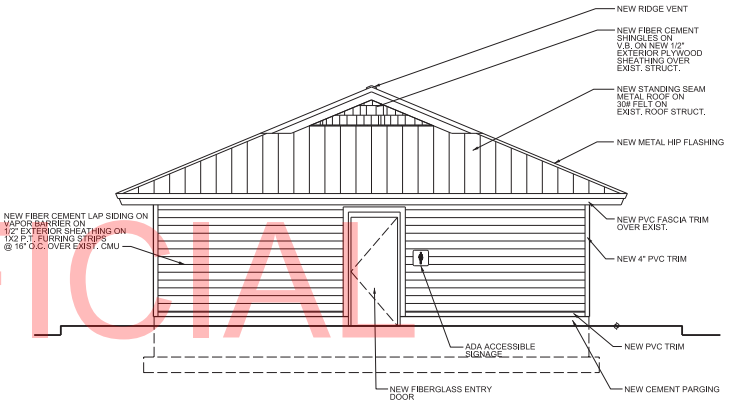
CONTRACT	T200507303
COUNTY	SUSSEX
BRIDGE NO.	X
DRAWN BY:	JAA
CHECKED BY:	WJS

EXIST. SOUTHEAST BATH HOUSE - BUILDING 8
EXISTING EXTERIOR ELEVATIONS
A8-03

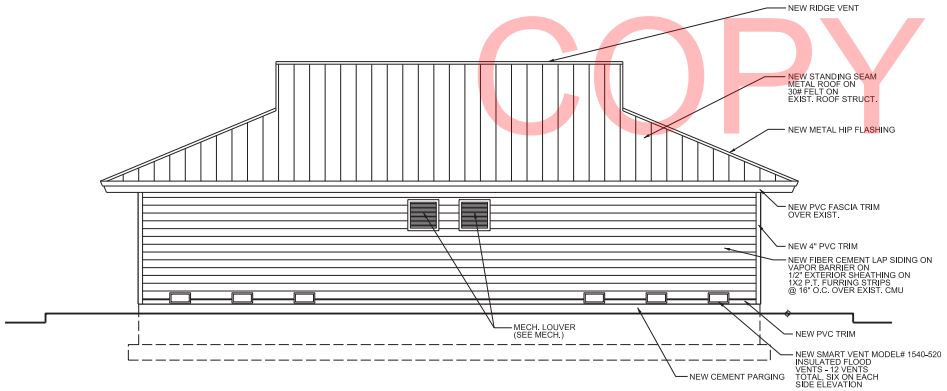
SHEET NO.	CD257
TOTAL SHTS.	282



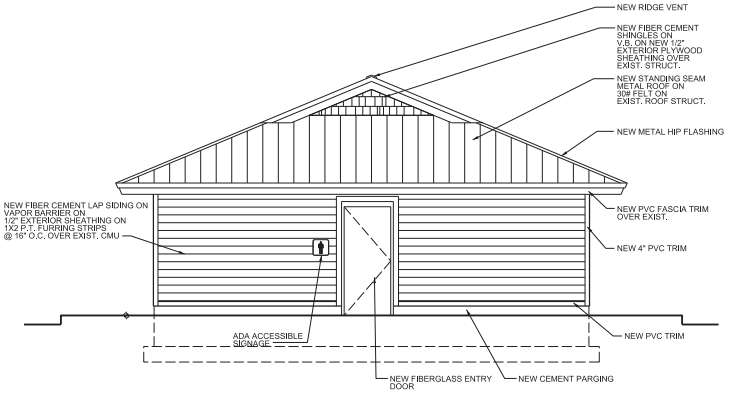
4 ELEVATION
SCALE : 1/4"= 1'-0"



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



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



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

GENERAL NOTES:

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UNOFFICIAL WEBSITE COPY

DELAWARE
DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE AS NOTED

INDIAN RIVER INLET
PARK ENHANCEMENTS

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

EXIST. SOUTHEAST BATH HOUSE - BUILDING 8
NEW EXTERIOR ELEVATIONS
A8-04

SHEET NO.	CD258
TOTAL SHTS.	282

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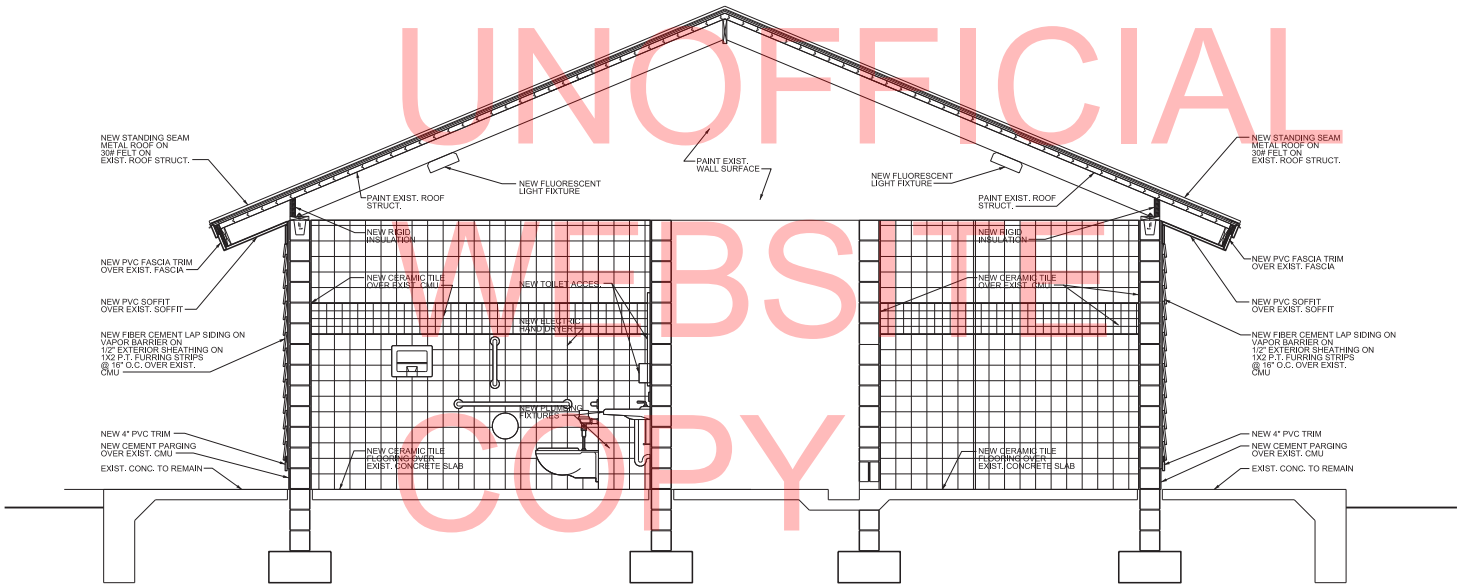
WEBSITE
COPY



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

DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE AS NOTED	INDIAN RIVER INLET PARK ENHANCEMENTS	CONTRACT T200507303	BRIDGE NO. X	EXIST. SOUTHEAST BATH HOUSE - BUILDING 8 BUILDING SECTION A8-05	SHEET NO. CD259
				COUNTY SUSSEX	DRAWN BY: JAA		TOTAL SHTS. 282
					CHECKED BY: WJS		

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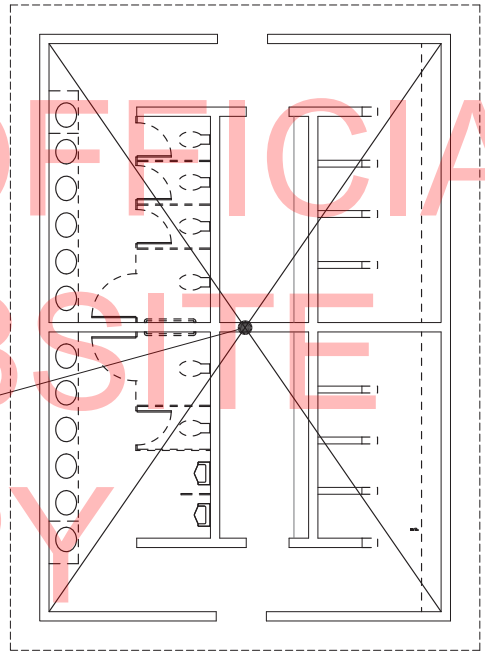
DEMOLITION NOTES:

1. CONTRACTOR TO REMOVE ALL MECHANICAL EQUIPMENT, DUCTWORK, AND PIPING IN BATHROOM.
2. CONTRACTOR SHALL PATCH ALL PENETRATIONS MADE VACANT DUE TO DEMOLITION. INFILL PATCH TO MATCH EXISTING BUILDING.



N — 1 / MD8-01 DUCTWORK DEMOLITION PLAN
SCALE: 1/4"=1'-0"

DELAWARE
DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

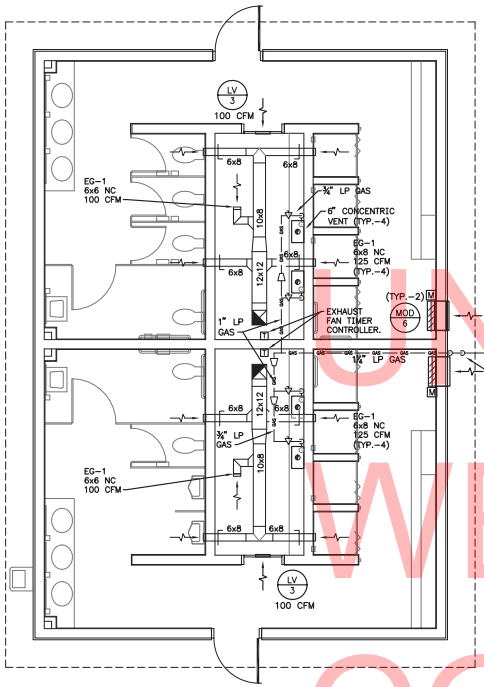
SCALE AS NOTED

INDIAN RIVER INLET
PARK ENHANCEMENTS

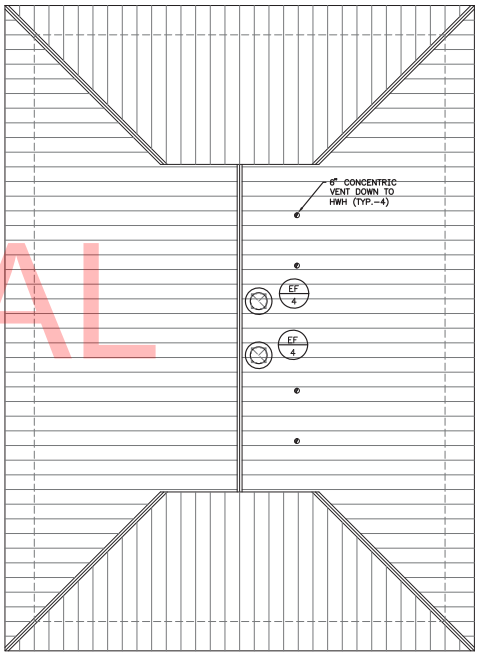
CONTRACT	BRIDGE NO.	X
T200507303	DRAWN BY:	MLF
COUNTY	CHECKED BY:	JRF
SUSSEX		

EXIST. SOUTHEAST BATH HOUSE
BUILDING 8
MECHANICAL DEMOLITION PLAN
MD8-01

SHEET NO.
CD260
TOTAL SHTS.
CD282



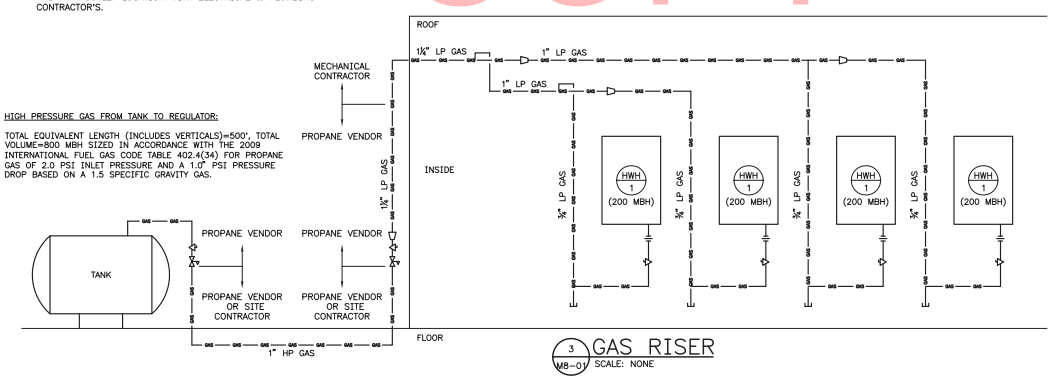
N 1 M8-01 DUCTWORK PLAN
SCALE: 1/4"=1'-0"



N 2 M8-01 DUCTWORK ROOF PLAN
SCALE: 1/4"=1'-0"

UNOFFICIAL WEBSITE COPY

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



3 M8-01 GAS RISER
SCALE: NONE

HIGH PRESSURE GAS FROM TANK TO REGULATOR:

TOTAL EQUIVALENT LENGTH (INCLUDES VERTICALS)=500', TOTAL VOLUME=800 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)=60', TOTAL VOLUME=800 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.

DELAWARE
DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

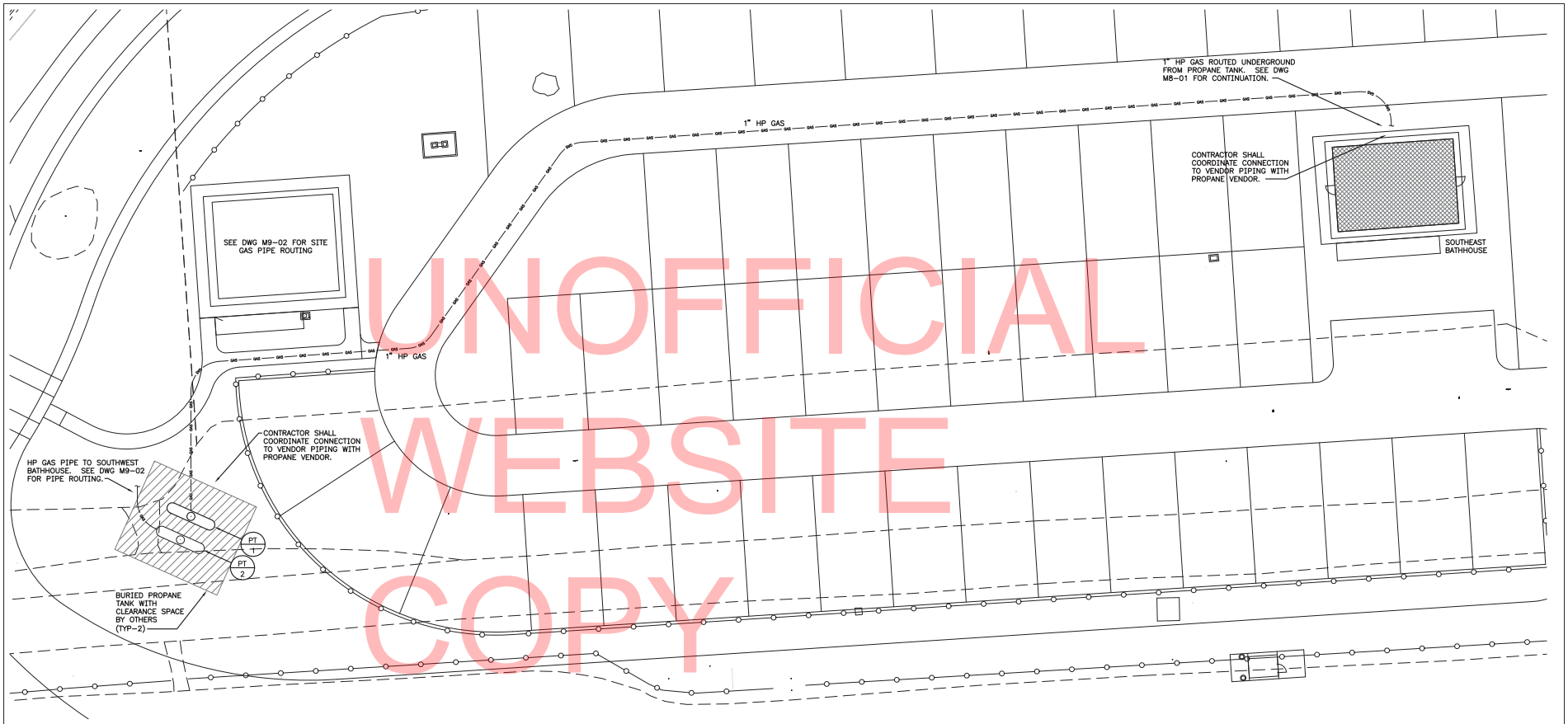
SCALE AS NOTED

INDIAN RIVER INLET
PARK ENHANCEMENTS

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

EXIST. SOUTHEAST BATH HOUSE
BUILDING 8
MECHANICAL PLANS & DIAGRAMS
M8-01

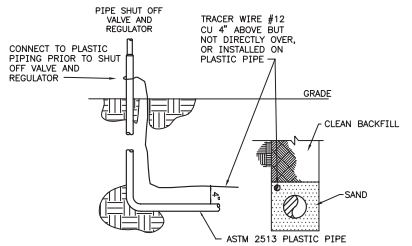
SHEET NO.	CD261
TOTAL SHTS.	CD282



UNOFFICIAL WEBSITE COPY

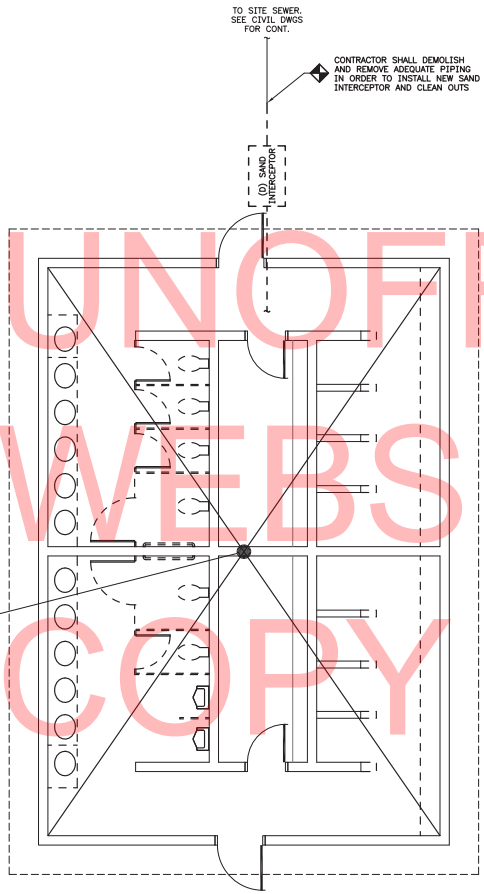
N 1 M8-02 GAS PIPING SITE PLAN
SCALE: 1/16" = 1'-0"

NOTES:
1. REFER TO CIVIL DWGS FOR TYPICAL PIPING TRENCH DETAIL.
2. PT-1 SERVES THE SOUTHEAST BATHHOUSE.
3. PT-2 SERVES THE SOUTHWEST BATHHOUSE.



2 M8-02 BELOW GRADE GAS PIPING DETAIL
SCALE: NONE

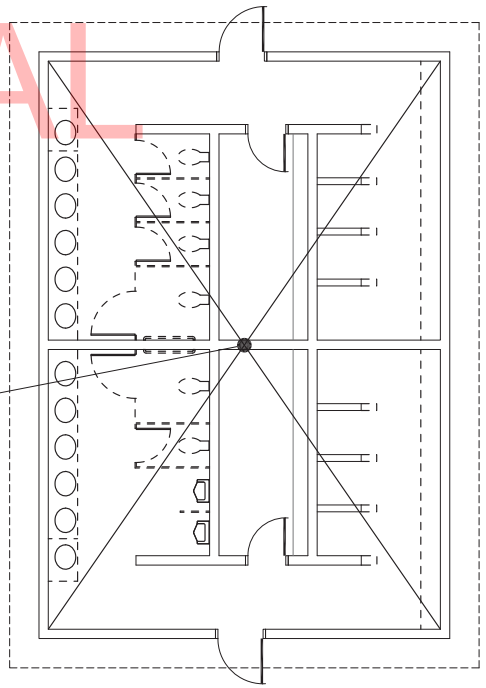
DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE AS NOTED	INDIAN RIVER INLET PARK ENHANCEMENTS	CONTRACT T200507303	BRIDGE NO. X	EXIST. SOUTHEAST BATH HOUSE BUILDING 8 GAS PIPING SITE PLAN M8-02	SHEET NO. CD262
				COUNTY SUSSEX	DRAWN BY: MLF		TOTAL SHTS. CD282
					CHECKED BY: JRF		



DEMOLITION NOTES:

1. CONTRACTOR TO REMOVE ALL SANITARY & VENT PIPING IN BATHROOM.
2. SANITARY OUTSIDE OF BUILDING TO BE REMOVED TO OPPOSITE SIDE OF SAND INTERCEPTOR FOR NEW INTERCEPTOR INSTALLATION. COORDINATE REMOVAL OF EXTERNAL PIPING & INTERCEPTOR WITH CIVIL CONTRACTOR.

N 1 PD8-01 SANITARY DEMOLITION PLAN
SCALE: 1/4"=1'-0"



DEMOLITION NOTES:

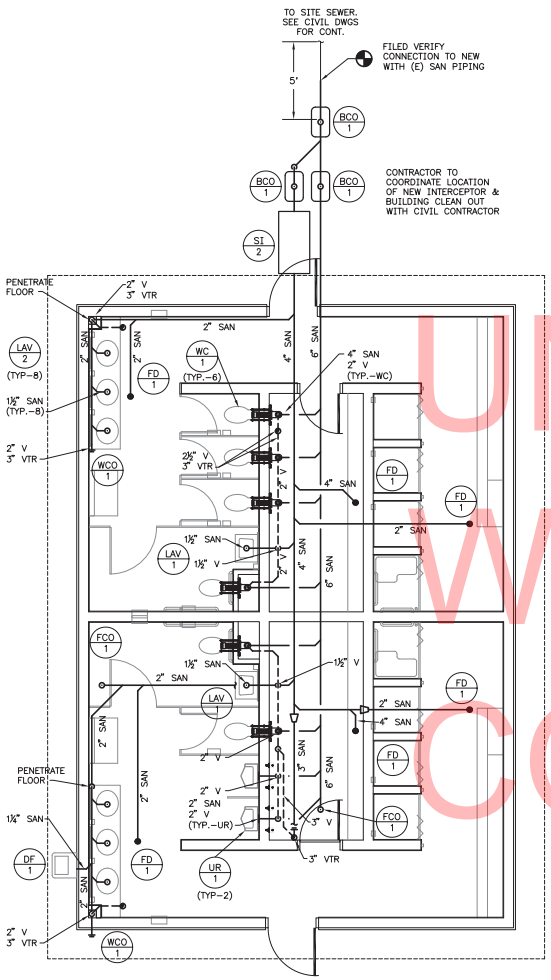
1. CONTRACTOR TO REMOVE ALL DOMESTIC WATER PIPING & ASSOCIATED EQUIPMENT IN BATHROOM.
2. DOMESTIC WATER OUTSIDE OF BUILDING TO BE REMOVED TO CURB STOP. COORDINATE REMOVAL OF EXTERNAL PIPING WITH CIVIL CONTRACTOR.

N 2 PD8-01 DOMESTIC WATER DEMOLITION PLAN
SCALE: 1/4"=1'-0"

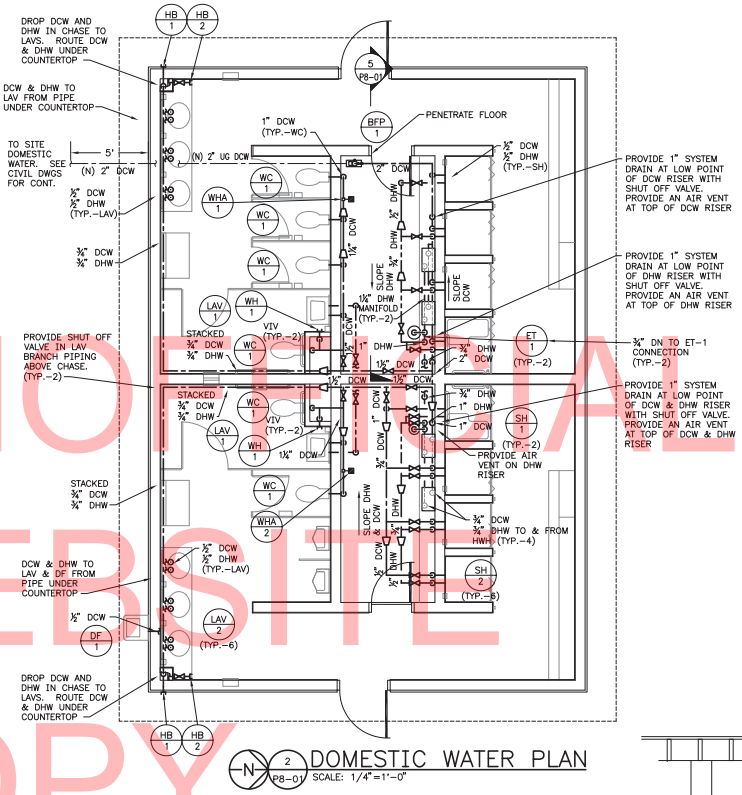
UNOFFICIAL WEBSITE COPY

GENERAL NOTES:
CONTRACTOR SHALL FIELD VERIFY UNDERGROUND PIPING ENTERING THE BUILDING PRIOR TO BEGINNING DEMOLITION.

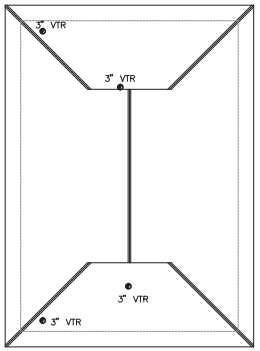
DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE AS NOTED	INDIAN RIVER INLET PARK ENHANCEMENTS	CONTRACT T200507303	BRIDGE NO. X	EXIST. SOUTHEAST BATH HOUSE BUILDING 8 PLUMBING DEMOLITION PLANS PD8-01	SHEET NO. CD263
				COUNTY SUSSEX	DRAWN BY: MLF		TOTAL SHTS. CD282
					CHECKED BY: JRF		



N 1 P8-01 SANITARY PLAN
SCALE: 1/4"=1'-0"



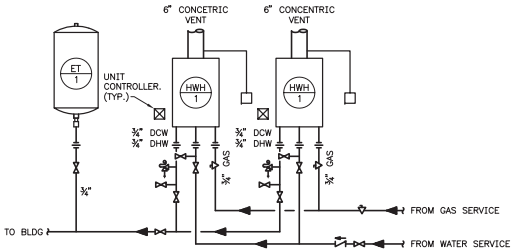
N 2 P8-01 DOMESTIC WATER PLAN
SCALE: 1/4"=1'-0"



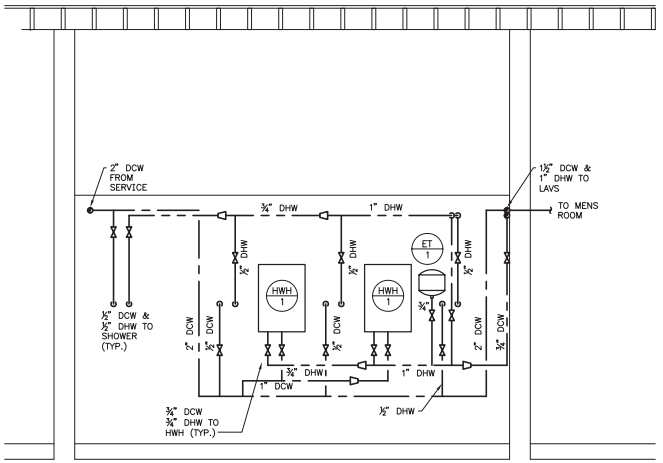
N 3 P8-01 SANITARY ROOF PLAN
SCALE: 1/4"=1'-0"

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.
5. CONTRACTOR TO COORDINATE PROPANE TANK LOCATION WITH CIVIL CONTRACTOR.
6. SEE DETAIL 6/P0-04 FOR JANITORS ROOM DRY VENT DETAIL.
7. IN AREA'S WHERE WCO & WH-1 ARE TO BE STACKED, CONTRACTOR TO STACK PIPING WITH ADEQUATE CLEARANCE FOR COVER PLATES.
8. CONTRACTOR TO LOCATE EXISTING SANITARY PIPING FOR NEW PIPING TIE IN.



4 P8-01 HOT WATER HEATER PIPING DIAGRAM
SCALE: NONE



5 P8-01 HWH ELEVATION
SCALE: 1/2"=1'-0"

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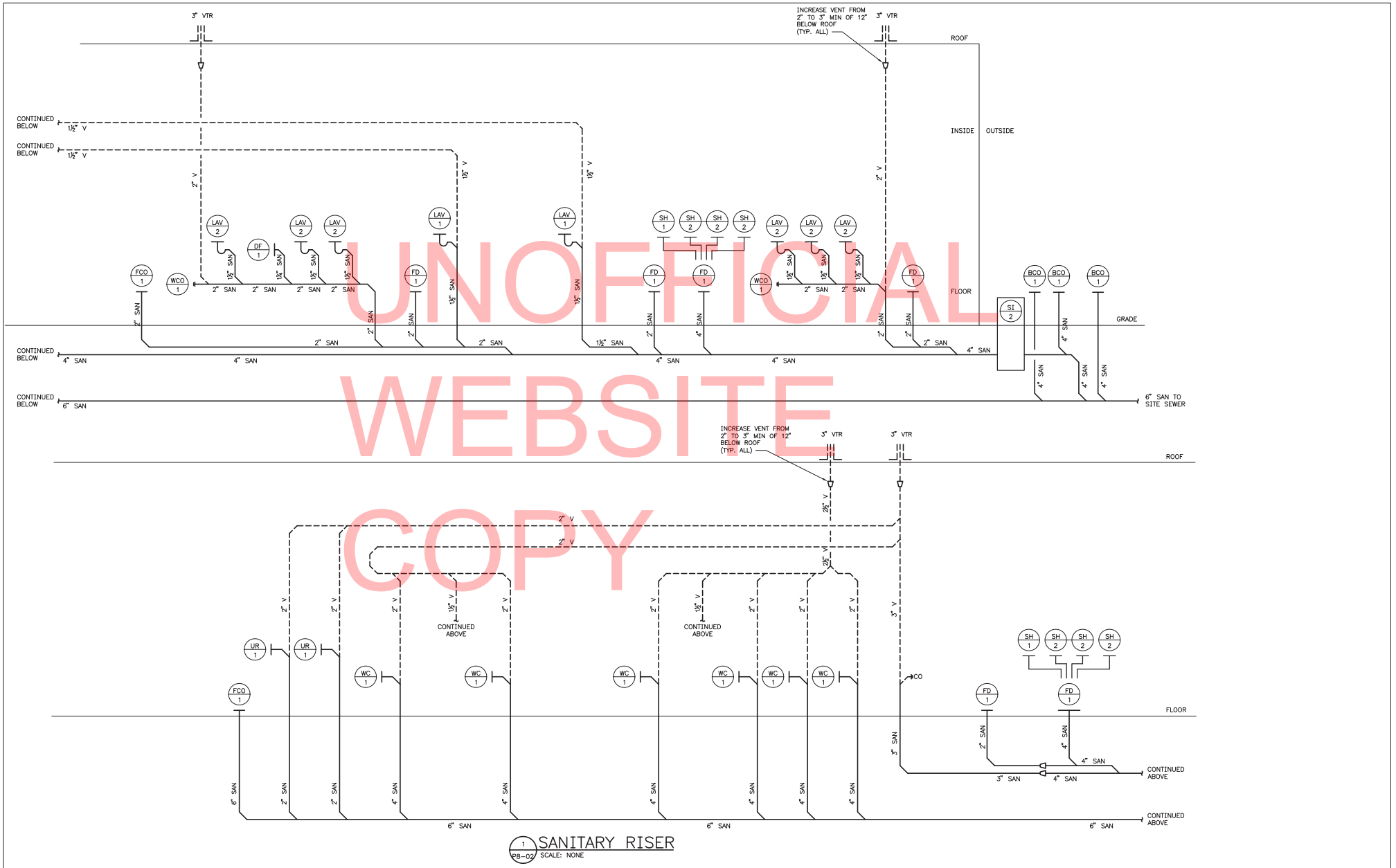
DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE AS NOTED	INDIAN RIVER INLET PARK ENHANCEMENTS	CONTRACT T200507303	BRIDGE NO. X	EXIST. SOUTHEAST BATH HOUSE BUILDING 8 PLUMBING PLANS, DETAILS, & ELEVATIONS P8-01	SHEET NO. CD264
				COUNTY SUSSEX	DRAWN BY: MLF		TOTAL SHTS. CD282
					CHECKED BY: JRF		



1 P8-02 SANITARY RISER
SCALE: NONE

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DELAWARE
DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

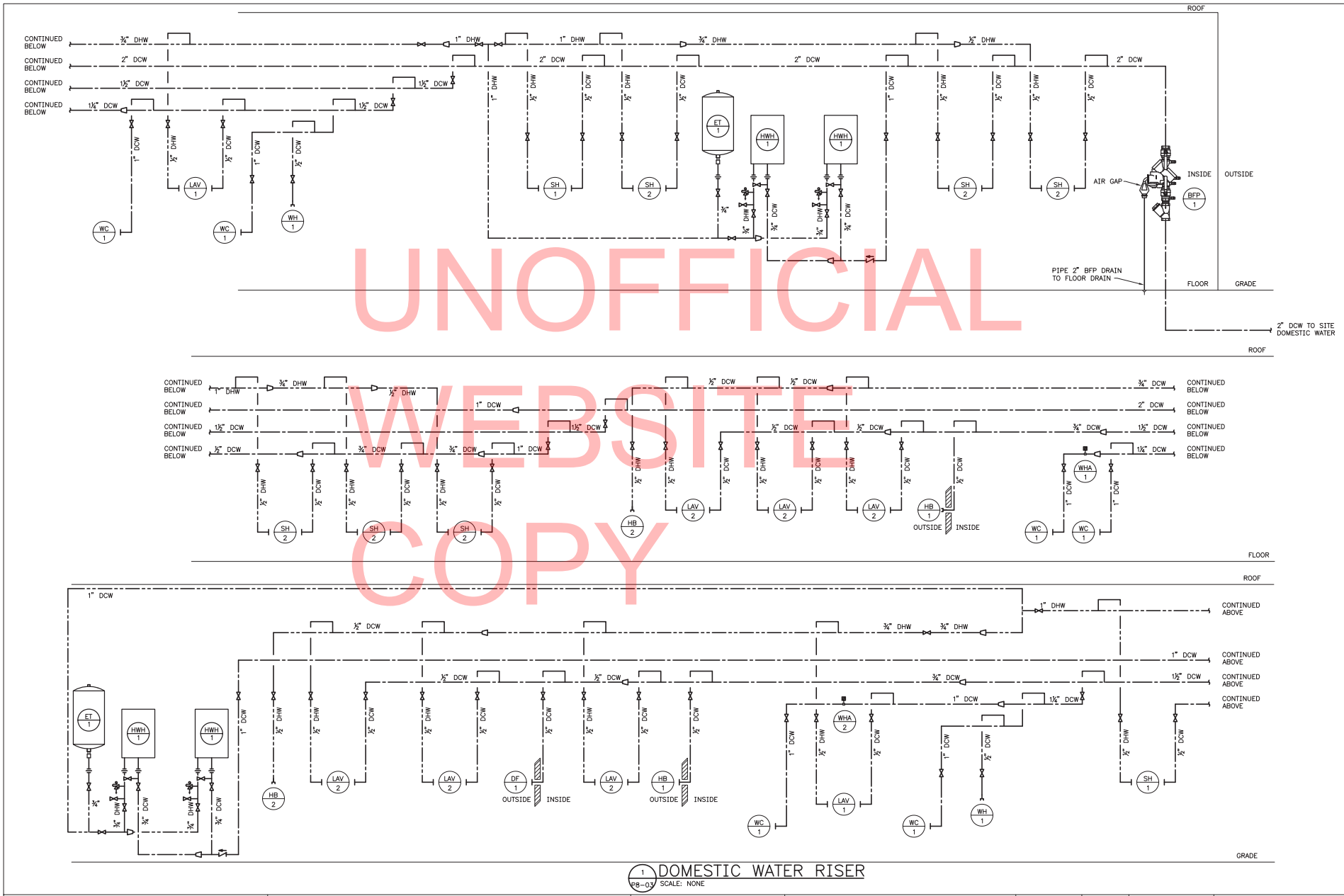
SCALE AS NOTED

INDIAN RIVER INLET
PARK ENHANCEMENTS

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

EXIST. SOUTHEAST BATH HOUSE
BUILDING 8
RISER DIAGRAMS (SHEET 1 OF 2)
P8-02

SHEET NO.	CD265
TOTAL SHTS.	CD282



UNOFFICIAL WEBSITE COPY

1 P8-03 DOMESTIC WATER RISER
SCALE: NONE

DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE AS NOTED	INDIAN RIVER INLET PARK ENHANCEMENTS	CONTRACT T200507303	BRIDGE NO. X	EXIST. SOUTHEAST BATH HOUSE BUILDING 8 RISER DIAGRAMS (SHEET 2 OF 2) P8-03	SHEET NO. CD266
				COUNTY SUSSEX	DRAWN BY: MLF		TOTAL SHTS. CD282
					CHECKED BY: JRF		

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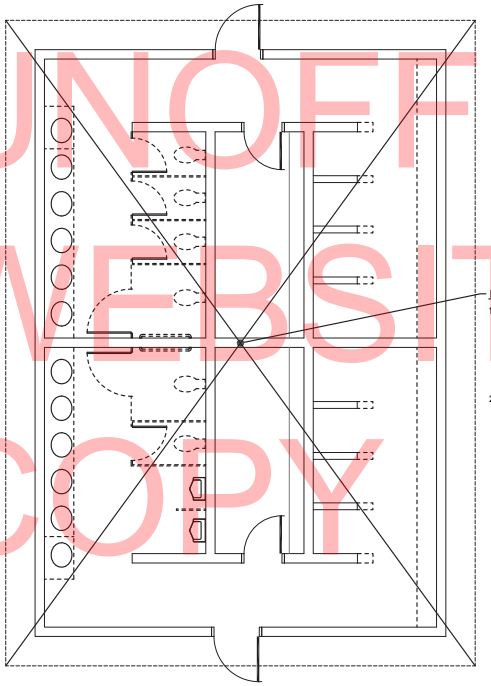

DEMOLITION NOTES:

1. CONTRACTOR TO REMOVE ALL EXISTING INTERIOR & EXTERIOR ELECTRICAL ITEMS ASSOCIATED WITH BATH HOUSE (LIGHTING FIXTURES, RECEPTACLES, TOGGLE SWITCHES, SAFETY SWITCHES, MOTOR CONTROLS, PANELBOARDS, TRANSFORMERS, WIRING, RACEWAY, ETC.).

2. EXISTING ELECTRICAL SERVICE ENTERING BUILDING TO BE REMOVED TO POINT 5'-0" AWAY FROM BUILDING FOUNDATION. COORDINATE REMOVAL OF SERVICE WITH CMI CONTRACTOR.

N 1 ED8-01

EXIST. SOUTHEAST BATH HOUSE – ELECTRICAL DEMOLITION PLAN

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

DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE AS NOTED	INDIAN RIVER INLET PARK ENHANCEMENTS	CONTRACT T200507303	BRIDGE NO. X	EXIST. SOUTHEAST BATH HOUSE BUILDING 8 ELECTRICAL DEMOLITION PLAN ED8-01	SHEET NO. CD267
				COUNTY SUSSEX	DRAWN BY: AHH		TOTAL SHTS. CD282
					CHECKED BY: JRF		

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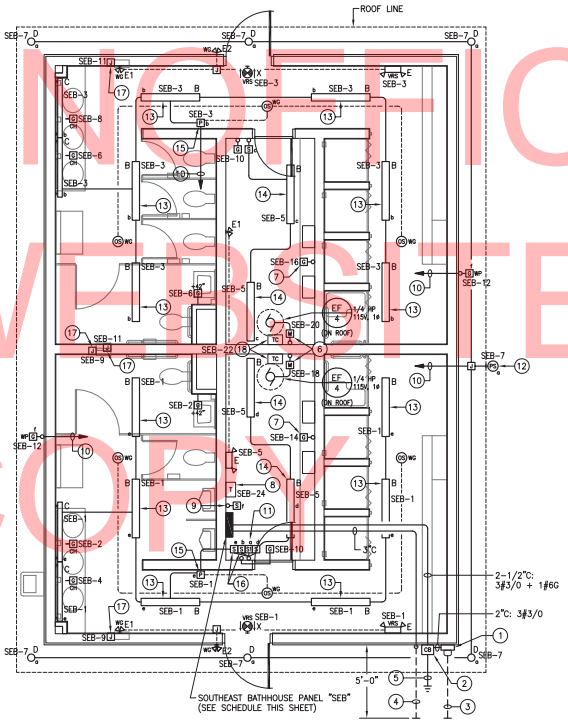
SHEET NOTES:

1. 200A, 1ø, 3W METER SOCKET PER UTILITY REQUIREMENTS (METER PROVIDED BY ELECTRIC UTILITY).
2. ENCLOSED CIRCUIT BREAKER (SERVICE DISCONNECT): 200A/2P, 240V IN NEMA 4X STAINLESS STEEL ENCLOSURE. CIRCUIT BREAKER ASSEMBLY SHALL BE SUITABLE FOR USE AS SERVICE EQUIPMENT. UL SHORT CIRCUIT CURRENT AND INTERRUPT RATINGS OF CIRCUIT BREAKER SHALL BE COORDINATED WITH AVAILABLE FAULT CURRENT AT BREAKER PRIOR TO PURCHASING EQUIPMENT. COORDINATE WITH ELECTRIC UTILITY AND SITE ENGINEER.
3. EMPTY 3-1/2" 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").
4. EMPTY 3" SCHEDULE 80 PVC UNDERGROUND CONDUIT STUB-OUT WITH PULL STRING FOR ELECTRICAL FEEDER TO WEST CONTACT STATION (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").
5. SEE DIAGRAM 3/E0-02 FOR ENCLOSED CIRCUIT BREAKER SERVICE DISCONNECT GROUNDING AND BONDING DETAILS.
6. SEE EXHAUST FAN WIRING DIAGRAM 2/E0-02.
7. RECEPTACLE OUTLET FOR GAS-FIRED INSTANTANEOUS WATER HEATERS. EXACT MOUNTING LOCATION TO BE FIELD-COORDINATED WITH MECHANICAL PIPING.
8. 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.
9. MASTER SWITCH CONTROL FOR EXTERIOR RECEPTACLE OUTLETS (PROVIDE LABEL).
10. TO TOGGLE SWITCH ADJACENT TO PANEL "SEB" IN CHASE.
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. SECURE LIGHTING FIXTURE TO UNDERSIDE OF ROOF JOISTS.
14. CHAIN-SUSPEND LIGHTING FIXTURE 8'-0" A.F.F. EXACT LOCATION TO BE FIELD-COORDINATED WITH MECHANICAL PIPING & DUCTWORK.
15. POWER RELAY PACK WITH OCCUPANCY SENSORS FOR CONTROL OF BATHROOM LIGHTING FIXTURES. CONNECT PER MANUFACTURER'S WIRING INSTRUCTIONS.
16. MASTER-OFF SWITCHES FOR MEN'S & WOMEN'S ROOM LIGHTING FIXTURES (PROVIDE LABELS). CONNECT PER OCCUPANCY SENSOR MANUFACTURER'S WIRING INSTRUCTIONS.
17. JUNCTION BOX FOR HAND DRYER (510W, 120V, 1ø). FIELD-COORDINATE EXACT LOCATION AND PROVIDE ALL CIRCUITING TO HAND DRYER AS REQUIRED PER DRYER MANUFACTURER'S INSTALLATION INSTRUCTIONS.
18. TIME CLOCK CONTROLS FOR EXHAUST FANS EF/4 (TIME CLOCK & CONTROL WIRING TO EXHAUST FANS PROVIDED BY CONTROLS CONTRACTOR). POWER SUPPLY CIRCUIT TO BE PROVIDED BY ELECTRICAL CONTRACTOR.



N 1 E8-01 EXIST. SOUTHEAST BATH HOUSE – ELECTRICAL PLAN
SCALE: 1/4"=1'-0"

PANELBOARD "SEB" SCHEDULE

LOCATION: EXIST. SOUTHEAST BATH HOUSE TYPE: 240/120V, 1ø, 3W
SOURCE: 200A C.B. (SERVICE DISCONNECT) ON BUILDING EXTERIOR MAIN LUGS: 225A

DESCRIPTION	BRKR SIZE	CIR NO	A	B	CIR NO	BRKR SIZE	DESCRIPTION
LTG – MEN'S ROOM	20A	1			2	20A	REC – MEN'S ROOM
LTG – WOMEN'S ROOM	20A	3			4	20A	REC – MEN'S ROOM
LTG – CHASE	20A	5			6	20A	REC – WOMEN'S ROOM
LTG – EXTERIOR	20A	7			8	20A	REC – WOMEN'S ROOM
HAND DRYERS (MEN'S)	20A	9			10	20A	REC – CHASE
HAND DRYERS (WOMEN'S)	20A	11			12	20A	REC – EXTERIOR
SPARE	20A	13			14	20A	REC – INST. WTR. HTRS. (MEN'S)
SPARE	20A	15			16	20A	REC – INST. WTR. HTRS. (WOMEN'S)
SPARE	20A	17			18	15A	EXHAUST FAN (MEN'S)
SPARE	20A	19			20	15A	EXHAUST FAN (WOMEN'S)
SPARE	20A	21			22	15A	EXH. FAN TIME CLOCK CONTROLS
SPARE	20A	23			24	20A	CONTROL POWER XFMR
SPARE	20A	25			26	20A	SPARE
(RESERVED FOR FEEDER TO S.W. CONTACT STATION)	60A	27			28	20A	SPARE
		29			30	20A	SPARE

PANEL NOTES:

1. 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.
2. ALL CIRCUIT BREAKERS WITHIN PANELBOARD SHALL BE HACR RATED.

DELAWARE
DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE AS NOTED

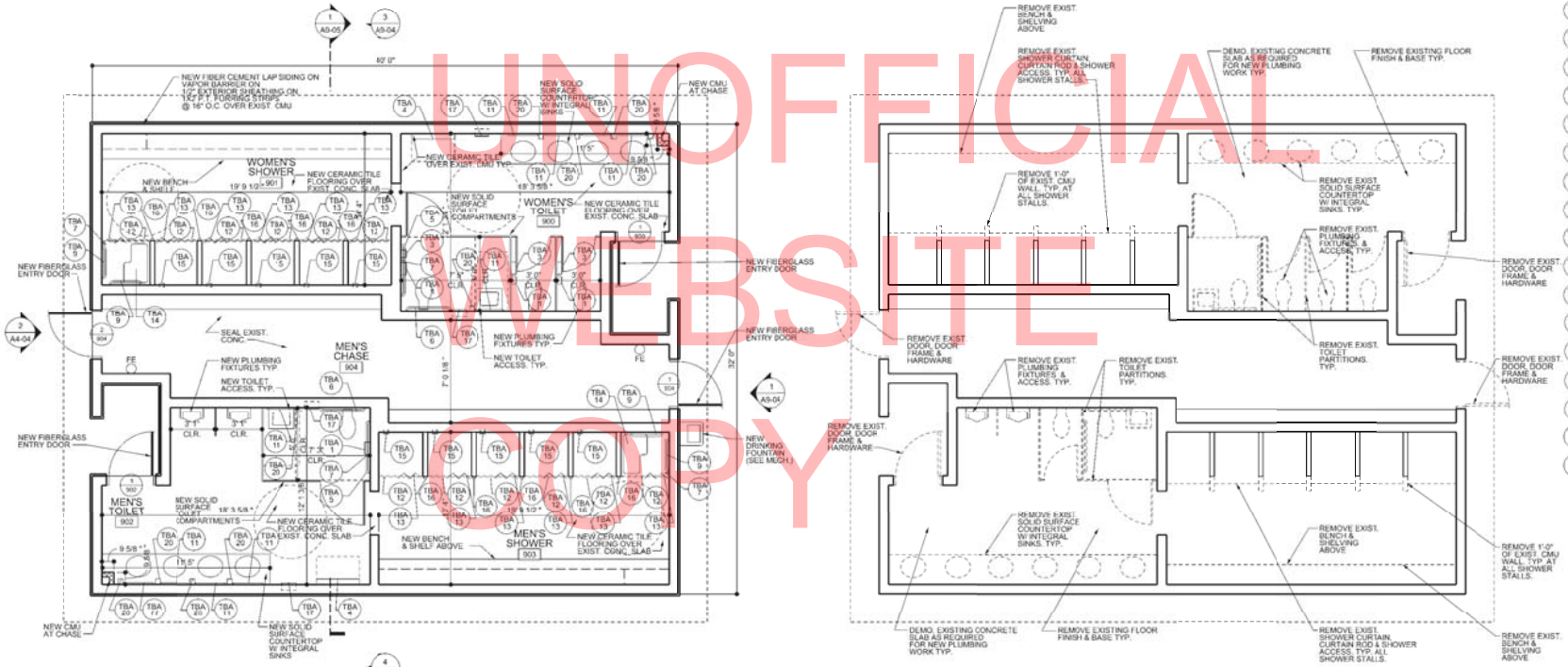
INDIAN RIVER INLET
PARK ENHANCEMENTS

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

EXIST. SOUTHEAST BATH HOUSE
BUILDING 8
ELECTRICAL PLAN
E8-01

SHEET NO. CD268
TOTAL SHTS. CD282

UNOFFICIAL WEBSITE COPY



2 FLOOR PLAN

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

1 DEMOLITION FLOOR PLAN

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

ACCESSORIES LEGEND:

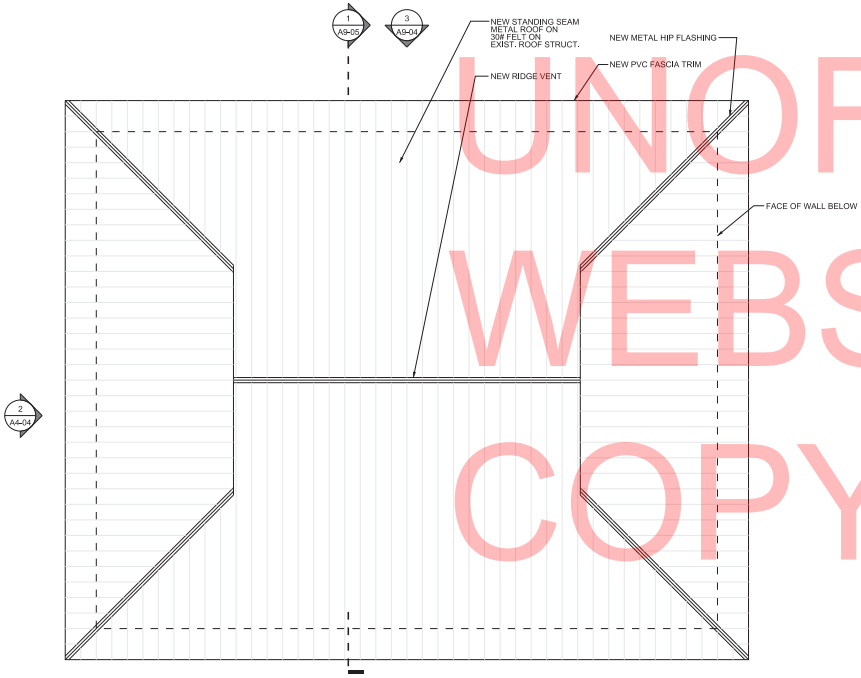
- TBA 1 TOILET TISSUE DISPENSER
- TBA 2 NOT USED
- TBA 3 SANITARY NAPKIN DISPOSAL - SURFACE MOUNTED
- TBA 4 DIAPER CHANGING STATION
- TBA 5 GRAB BAR, 42", STRAIGHT
- TBA 6 GRAB BAR, 36", STRAIGHT
- TBA 7 GRAB BAR, 18", STRAIGHT
- TBA 8 GRAB BAR, 48", STRAIGHT
- TBA 9 GRAB BAR, 24", STRAIGHT
- TBA 10 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

GENERAL NOTES:

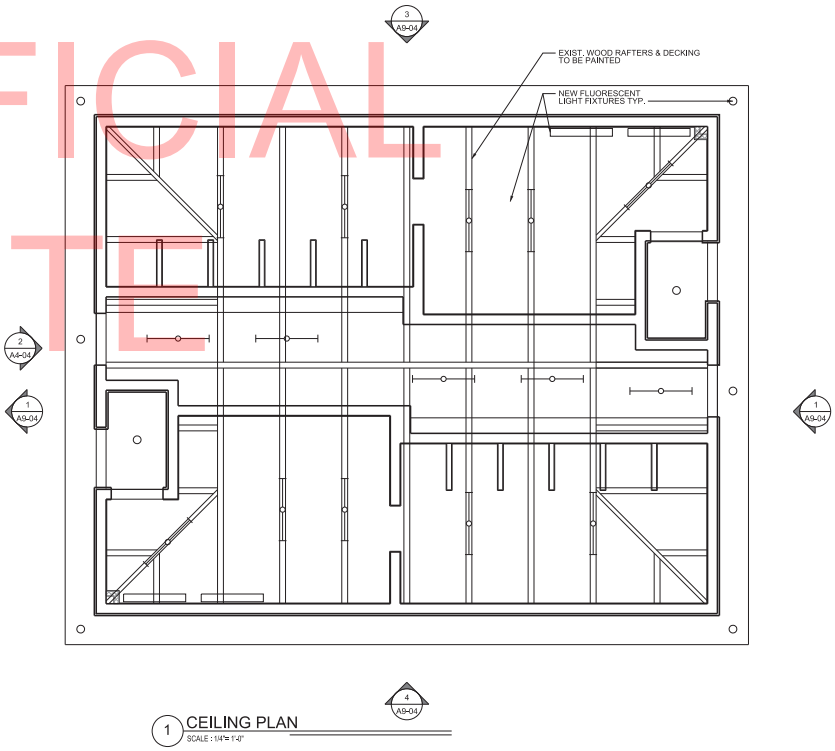
1. ALL DIMENSIONS ARE TO FACE OF CMU UNLESS NOTED OTHERWISE. THE CONTRACTOR SHALL VERIFY ALL SITE CONDITIONS AND DIMENSIONS PRIOR TO CONSTRUCTION. ANY VARIATIONS OR DISCREPANCIES SHALL BE BROUGHT TO THE ARCHITECT'S ATTENTION PRIOR TO CONSTRUCTION.
2. ANY CHANGES OR FIELD ALTERATIONS TO THESE DESIGN DRAWINGS 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.

DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE AS NOTED	INDIAN RIVER INLET PARK ENHANCEMENTS	CONTRACT T200507303	BRIDGE NO. X	EXIST. SOUTHWEST BATH HOUSE - BUILDING 9 PLANS A9-01	SHEET NO. CD269
				COUNTY SUSSEX	DRAWN BY: JAA		TOTAL SHTS. 282
					CHECKED BY: WJS		

UNOFFICIAL WEBSITE COPY

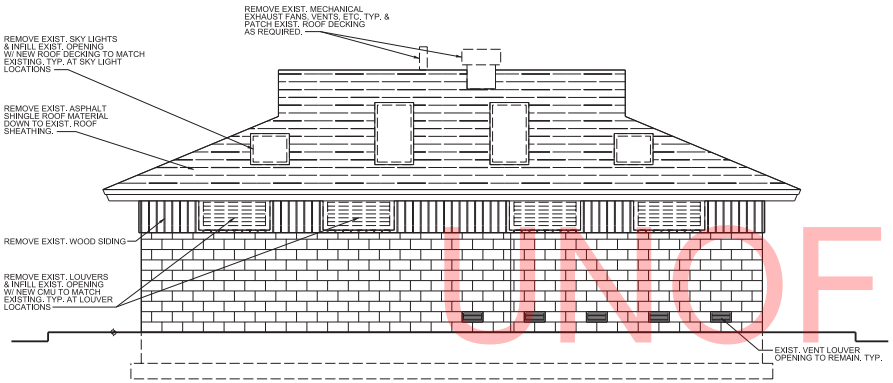


2 ROOF PLAN
SCALE : 1/4"= 1'-0"

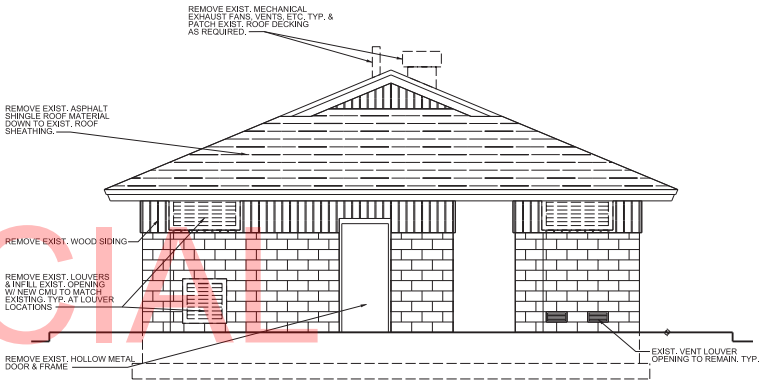


1 CEILING PLAN
SCALE : 1/4"= 1'-0"

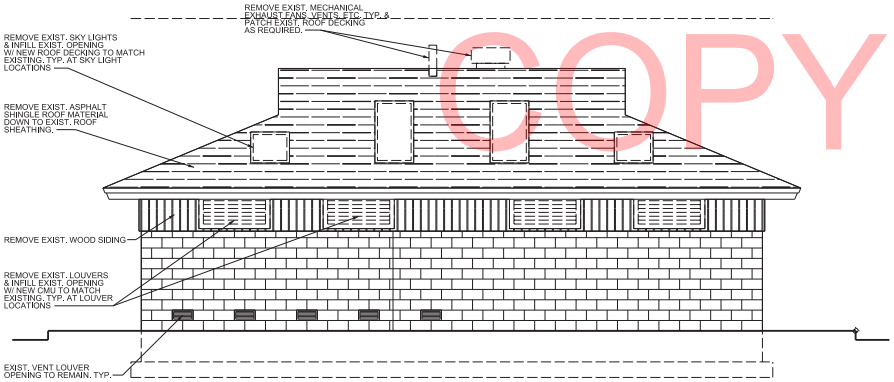
DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE AS NOTED	INDIAN RIVER INLET PARK ENHANCEMENTS	CONTRACT T200507303	BRIDGE NO. X	EXIST. SOUTHWEST BATH HOUSE - BUILDING 9 PLANS A9-02	SHEET NO. CD270
				COUNTY SUSSEX	DRAWN BY: JAA		TOTAL SHTS. 282
					CHECKED BY: WJS		



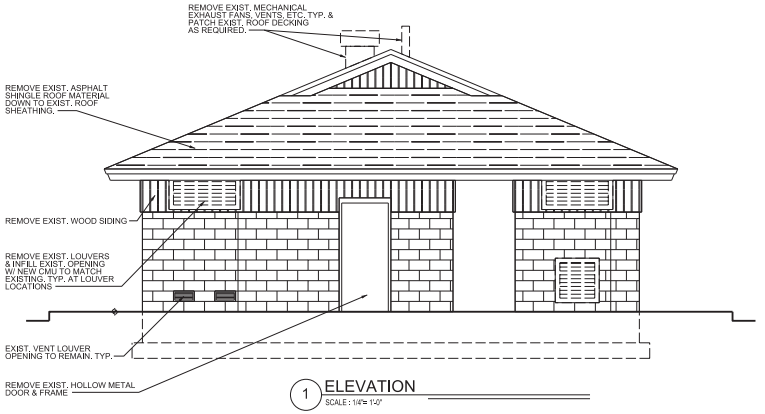
4 ELEVATION
SCALE : 1/4"= 1'-0"



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



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



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

GENERAL NOTES:

1. APPROXIMATELY 850 S.F. OF EXISTING DETERIORATED WOOD ROOF DECKING IS TO BE REPLACED WITH NEW WOOD ROOF DECKING TO MATCH EXISTING.

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DELAWARE
DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE AS NOTED

INDIAN RIVER INLET
PARK ENHANCEMENTS

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

EXIST. SOUTHWEST BATH HOUSE - BUILDING 9
EXISTING EXTERIOR ELEVATIONS
A9-03

SHEET NO.
CD271
TOTAL SHTS.
282

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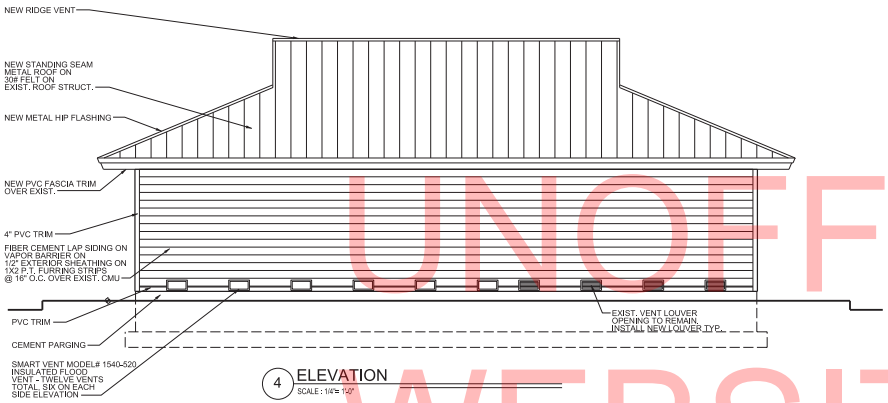
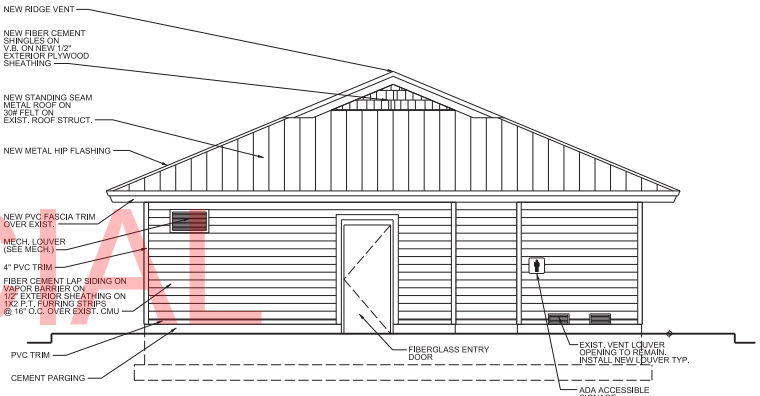
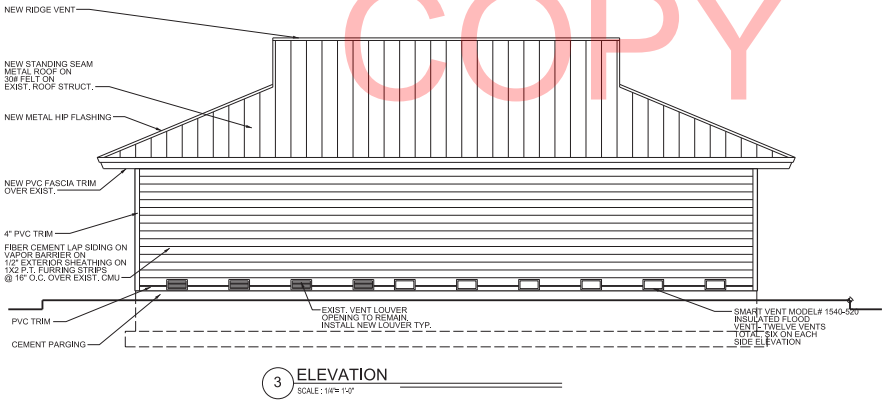
WEBSITE
COPY



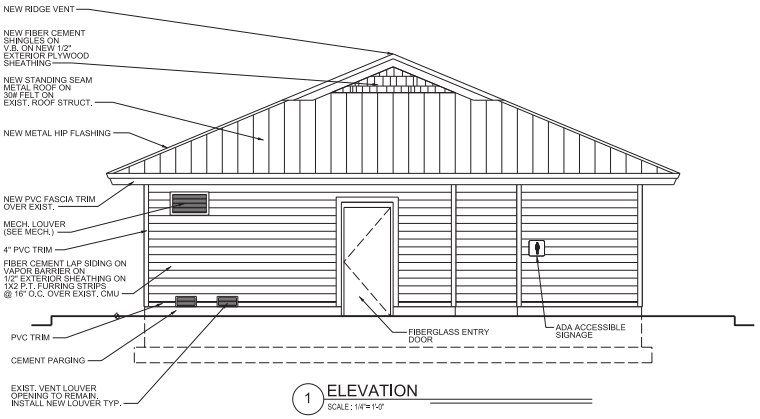
4 ELEVATION
SCALE : 1/4"= 1'-0"



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



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



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

GENERAL NOTES:

1. APPROXIMATELY 850 S.F. OF EXISTING DETERIORATED WOOD ROOF DECKING IS TO BE REPLACED WITH NEW WOOD ROOF DECKING TO MATCH EXISTING.

DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE AS NOTED	INDIAN RIVER INLET PARK ENHANCEMENTS	CONTRACT T200507303	BRIDGE NO. X	EXIST. SOUTHWEST BATH HOUSE - BUILDING 9 NEW EXTERIOR ELEVATIONS A9-04	SHEET NO. CD272
				COUNTY SUSSEX	DRAWN BY: JAA		TOTAL SHTS. 282
					CHECKED BY: WJS		

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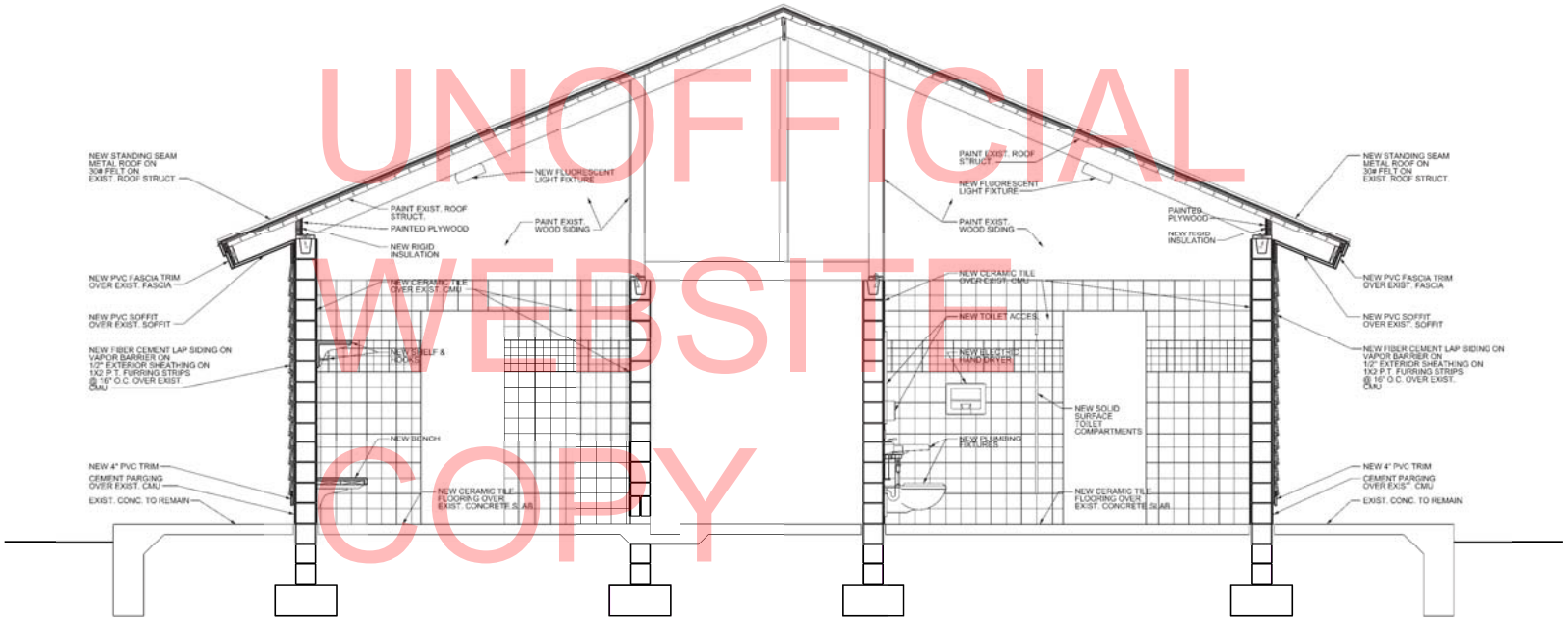

1 SECTION
SCALE : 1/2" = 1'-0"

DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE AS NOTED	INDIAN RIVER INLET PARK ENHANCEMENTS	CONTRACT T200507303	BRIDGE NO. X	EXIST. SOUTHWEST BATH HOUSE - BUILDING 9 BUILDING SECTION A9-05	SHEET NO. CD273
				COUNTY SUSSEX	DRAWN BY: JAA		TOTAL SHTS. 282
					CHECKED BY: WJS		

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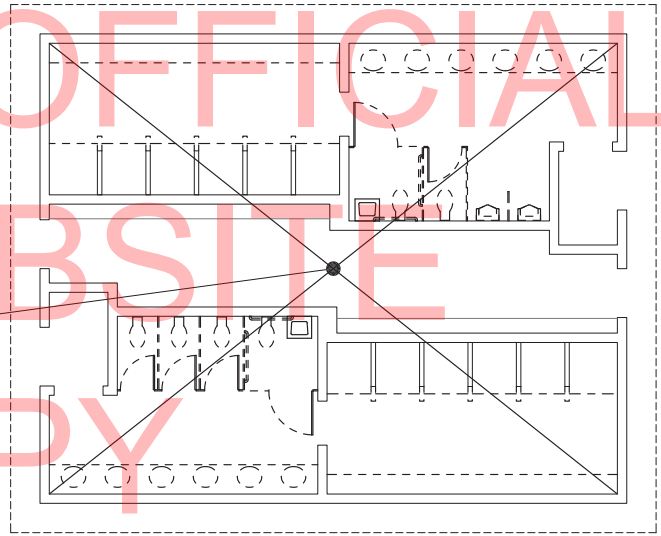
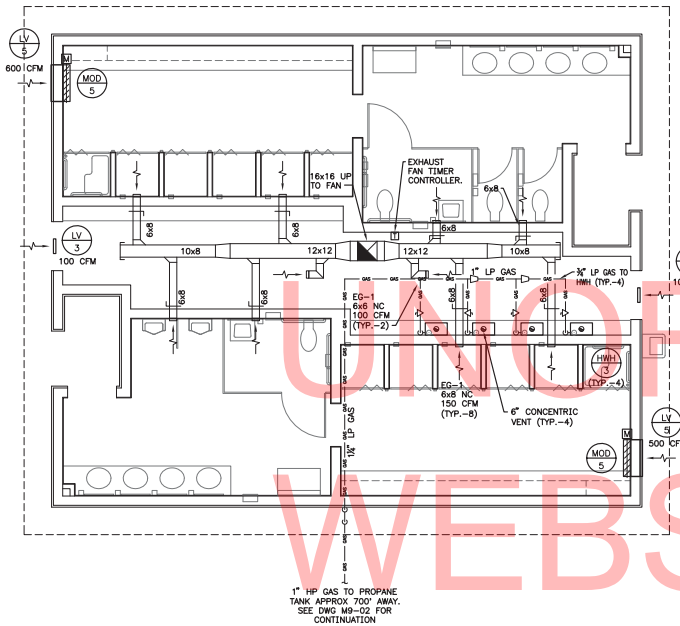
DEMOLITION NOTES:

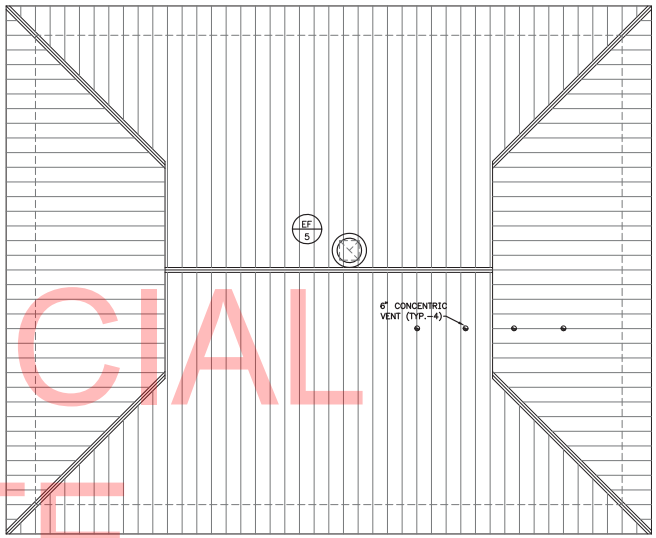
1. CONTRACTOR TO REMOVE ALL MECHANICAL EQUIPMENT, DUCTWORK, AND PIPING IN BATHROOM.
2. CONTRACTOR SHALL PATCH ALL PENETRATIONS MADE VACANT DUE TO DEMOLITION. INFILL PATCH TO MATCH EXISTING BUILDING.



1 MD9-01 DUCTWORK DEMOLITION PLAN
SCALE: 1/4"=1'-0"

DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE AS NOTED	INDIAN RIVER INLET PARK ENHANCEMENTS	CONTRACT T200507303	BRIDGE NO. X	EXIST. SOUTHWEST BATH HOUSE BUILDING 9 MECHANICAL DEMOLITION PLAN MD9-01	SHEET NO. CD274
				COUNTY SUSSEX	DRAWN BY: MLF		TOTAL SHTS. CD282
					CHECKED BY: JRF		

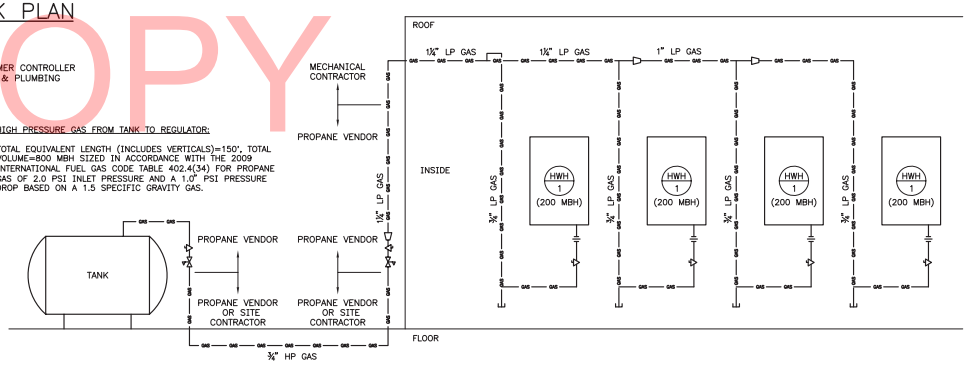




N 2 M9-01 DUCTWORK ROOF PLAN
SCALE: 1/4"=1'-0"

N 1 M9-01 DUCTWORK PLAN
SCALE: 1/4"=1'-0"

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



HIGH PRESSURE GAS FROM TANK TO REGULATOR:

TOTAL EQUIVALENT LENGTH (INCLUDES VERTICALS)=150', TOTAL VOLUME=800 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)=80', TOTAL VOLUME=800 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.

3 M9-01 GAS RISER
SCALE: NONE

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DELAWARE
DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

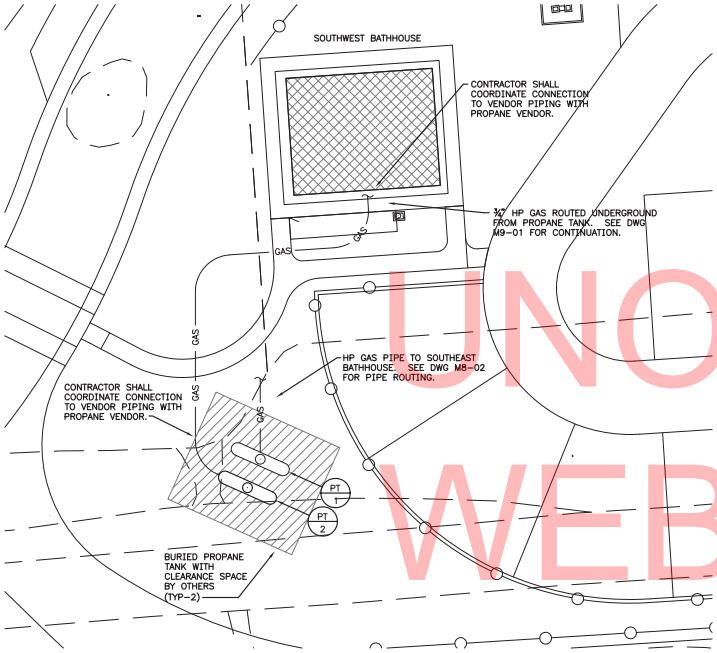
SCALE AS NOTED

INDIAN RIVER INLET
PARK ENHANCEMENTS

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

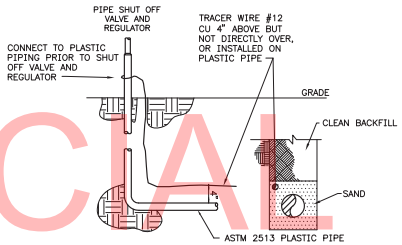
EXIST. SOUTHWEST BATH HOUSE
BUILDING 9
MECHANICAL PLANS & DIAGRAMS
M9-01

SHEET NO. CD275
TOTAL SHTS. CD282



1 M9-02 GAS PIPING SITE PLAN
SCALE: 1/32"=1'-0"

NOTES:
1. REFER TO CIVIL DWGS FOR TYPICAL PIPING TRENCH DETAIL.
2. PT-1 SERVES THE SOUTHEAST BATHHOUSE.
3. PT-2 SERVES THE SOUTHWEST BATHHOUSE.



2 M9-02 BELOW GRADE GAS PIPING DETAIL
SCALE: NONE

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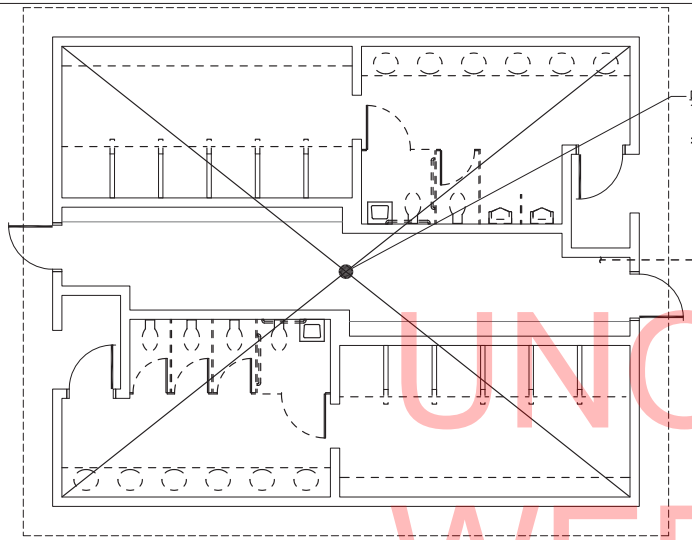
DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE AS NOTED	INDIAN RIVER INLET PARK ENHANCEMENTS	CONTRACT T200507303	BRIDGE NO. X	EXIST. SOUTHWEST BATH HOUSE BUILDING 9 GAS PIPING PLAN M9-02	SHEET NO. CD276
				COUNTY SUSSEX	DRAWN BY: MLF		TOTAL SHTS. CD282
					CHECKED BY: JRF		



DEMOLITION NOTES:

1. CONTRACTOR TO REMOVE ALL SANITARY & VENT PIPING IN BATHROOM.

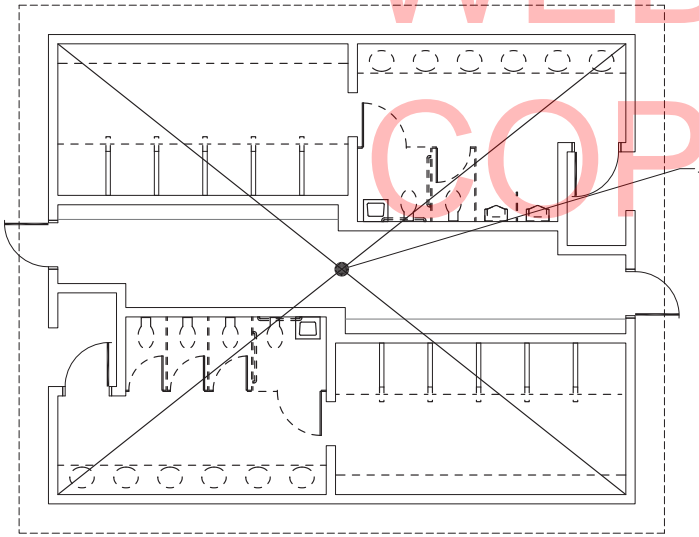
2. SANITARY OUTSIDE OF BUILDING TO BE REMOVED TO OPPOSITE SIDE OF SAND INTERCEPTOR FOR NEW INTERCEPTOR INSTALLATION. COORDINATE REMOVAL OF EXTERNAL PIPING & INTERCEPTOR WITH CIVIL CONTRACTOR.

(D) SAND INTERCEPTOR

TO SITE SEWER. SEE CIVIL DWGS FOR CONT.

CONTRACTOR SHALL DEMOLISH AND REMOVE ADEQUATE PIPING IN ORDER TO INSTALL NEW SAND INTERCEPTOR AND CLEAN OUTS

N 1 PD9-01 SANITARY DEMOLITION PLAN
SCALE: 1/4"=1'-0"



DEMOLITION NOTES:

1. CONTRACTOR TO REMOVE ALL DOMESTIC WATER PIPING & ASSOCIATED EQUIPMENT IN BATHROOM.

2. DOMESTIC WATER OUTSIDE OF BUILDING TO BE REMOVED TO CURB STOP. COORDINATE REMOVAL OF EXTERNAL PIPING WITH CIVIL CONTRACTOR.

N 2 PD9-01 DOMESTIC WATER DEMOLITION PLAN
SCALE: 1/4"=1'-0"

GENERAL NOTES:
CONTRACTOR SHALL FIELD VERIFY UNDERGROUND PIPING ENTERING THE BUILDING PRIOR TO BEGINNING DEMOLITION.

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DELAWARE
DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

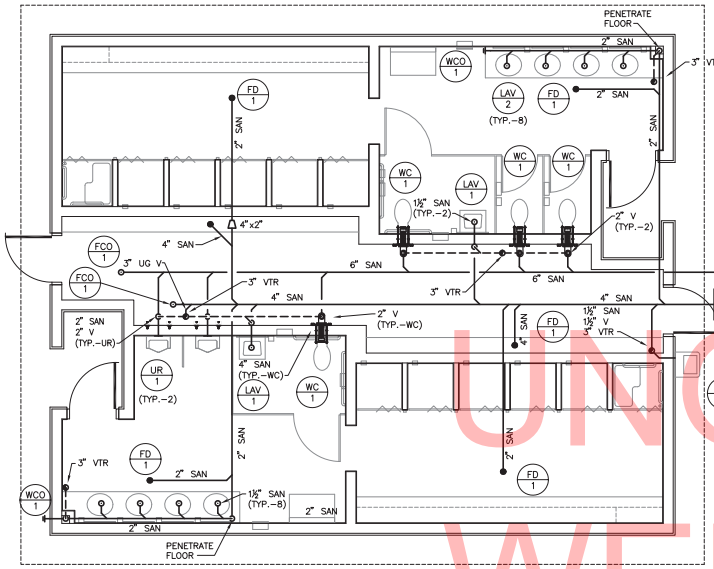
SCALE AS NOTED

INDIAN RIVER INLET
PARK ENHANCEMENTS

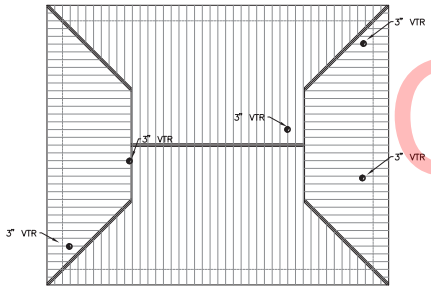
CONTRACT	BRIDGE NO.	X
T200507303	DRAWN BY:	MLF
COUNTY	CHECKED BY:	JRF
SUSSEX		

EXIST. SOUTHWEST BATH HOUSE
BUILDING 9
PLUMBING DEMOLITION PLAN
PD9-01

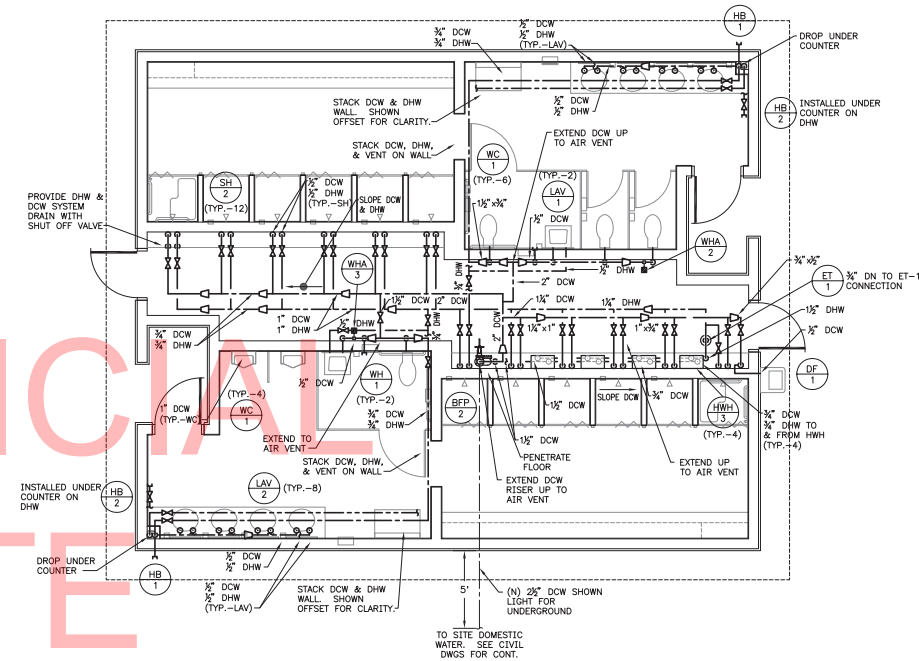
SHEET NO.
CD277
TOTAL SHTS.
CD282



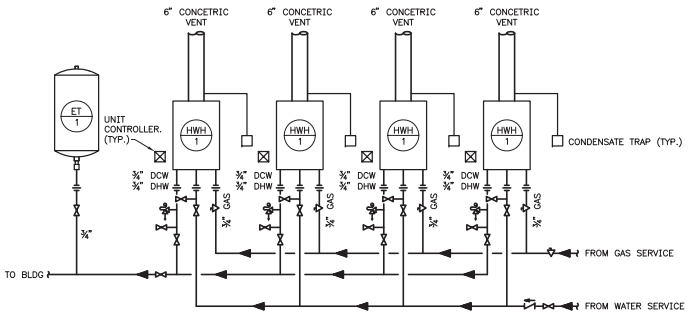
N 1 P9-01 SANITARY PLAN
SCALE: 1/4"=1'-0"



N 3 P9-01 SANITARY ROOF PLAN
SCALE: 1/8"=1'-0"



N 2 P9-01 DOMESTIC WATER PLAN
SCALE: 1/4"=1'-0"



4 P9-01 HOT WATER HEATER PIPING DIAGRAM
SCALE: NONE

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.
5. CONTRACTOR TO COORDINATE PROPANE TANK LOCATION WITH CIVIL CONTRACTOR.
6. SEE DETAIL 6/P0-04 FOR JANITORS ROOM DRY VENT DETAIL.
7. IN AREA'S WHERE WCO & WH-1 ARE TO BE STACKED, CONTRACTOR TO STACK PIPING WITH ADEQUATE CLEARANCE FOR COVER PLATES.
8. CONTRACTOR TO LOCATE EXISTING SANITARY PIPING FOR NEW PIPING TIE IN.

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DELAWARE
DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

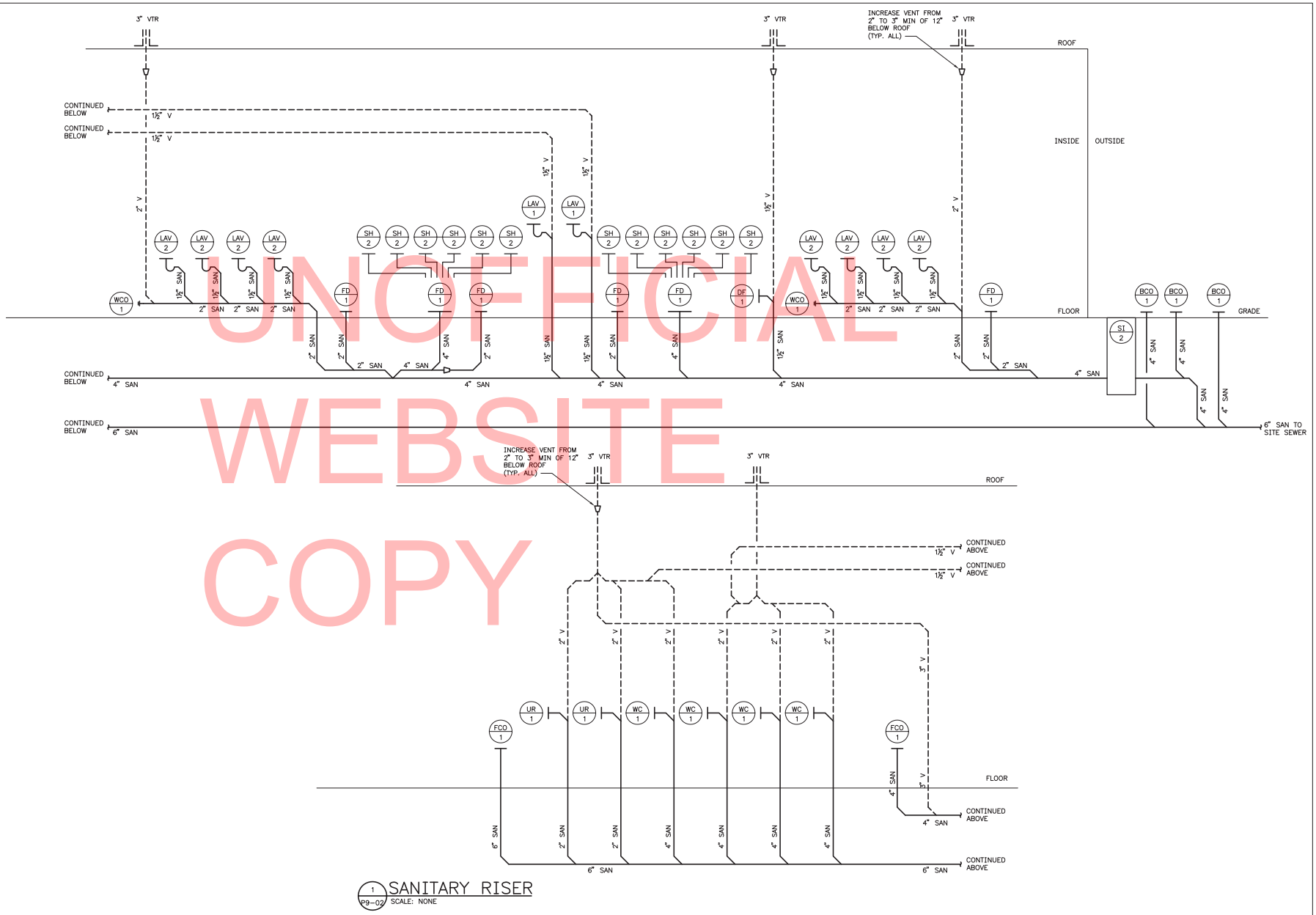
SCALE AS NOTED

INDIAN RIVER INLET
PARK ENHANCEMENTS

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

EXIST. SOUTHWEST BATH HOUSE
BUILDING 9
PLUMBING PLANS & DIAGRAMS
P9-01

SHEET NO.
CD278
TOTAL SHTS.
CD282



1 P9-02 SANITARY RISER
SCALE: NONE

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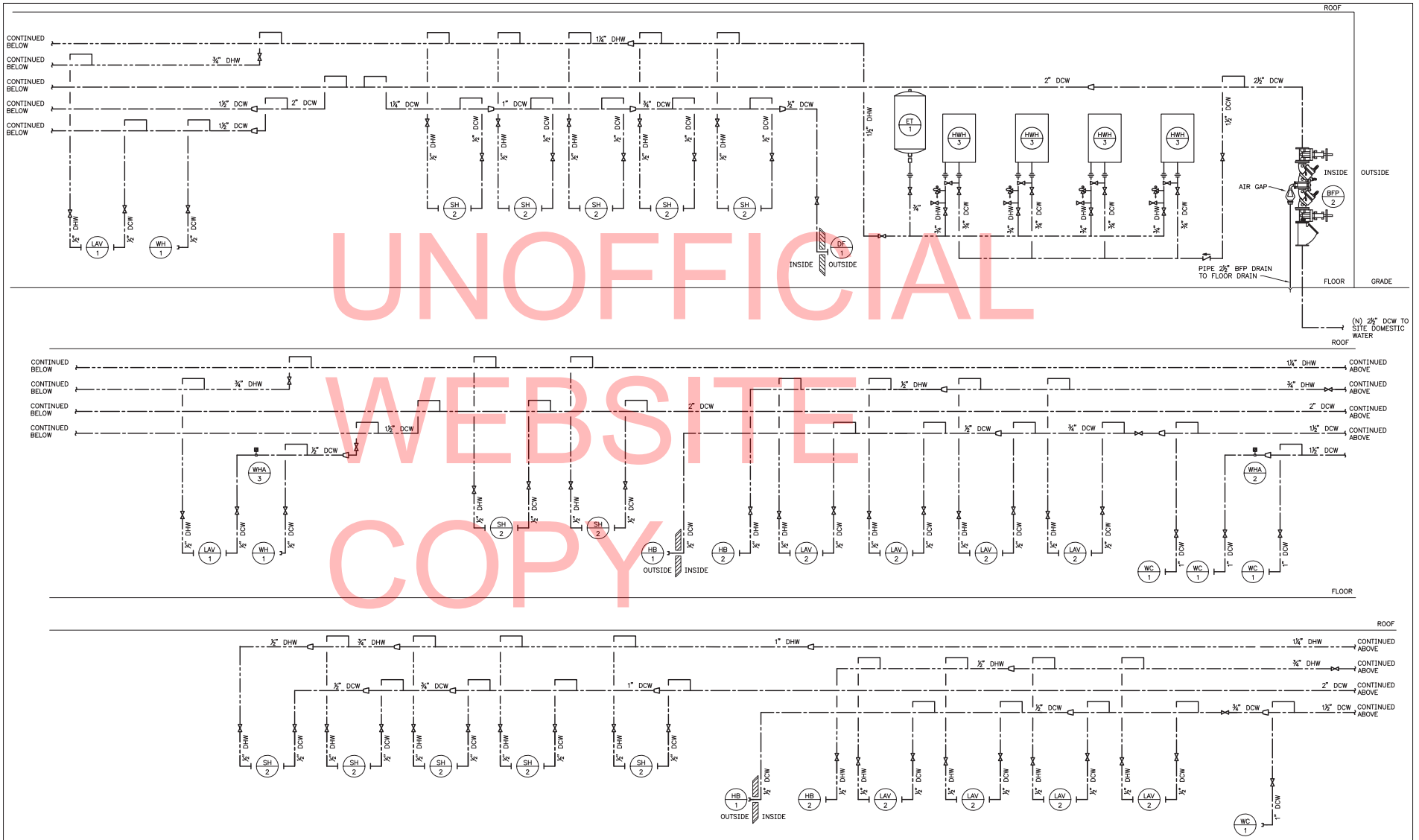
DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE AS NOTED	INDIAN RIVER INLET PARK ENHANCEMENTS	CONTRACT T200507303	BRIDGE NO. X	EXIST. SOUTHWEST BATH HOUSE BUILDING 9 RISER DIAGRAMS (SHEET 1 OF 2) P9-02	SHEET NO. CD279
				COUNTY SUSSEX	DRAWN BY: MLF		TOTAL SHTS. CD282
					CHECKED BY: JRF		



1 P9-03 DOMESTIC WATER RISER
SCALE: NONE

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DELAWARE
DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE AS NOTED

INDIAN RIVER INLET
PARK ENHANCEMENTS

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

EXIST. SOUTHWEST BATH HOUSE
BUILDING 9
RISER DIAGRAMS (SHEET 2 OF 2)
P9-03

SHEET NO.
CD280
TOTAL SHTS.
CD282

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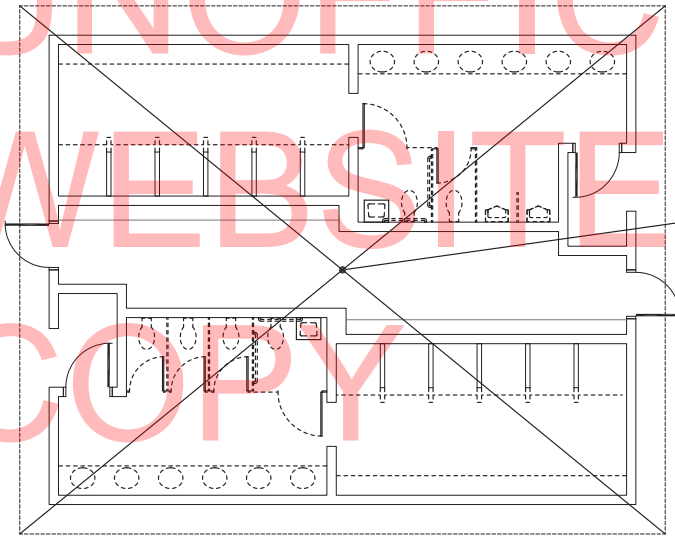

DEMOLITION NOTES:

1. CONTRACTOR TO REMOVE ALL EXISTING INTERIOR & EXTERIOR ELECTRICAL ITEMS ASSOCIATED WITH BATH HOUSE (LIGHTING FIXTURES, RECEPTACLES, TOGGLE SWITCHES, SAFETY SWITCHES, MOTOR CONTROLS, PANELBOARDS, TRANSFORMERS, WIRING, RACEWAY, ETC.).
2. EXISTING ELECTRICAL SERVICE ENTERING BUILDING TO BE REMOVED TO POINT 5'-0" AWAY FROM BUILDING FOUNDATION. COORDINATE REMOVAL OF SERVICE WITH CIVIL CONTRACTOR.

EXIST. SOUTHWEST BATH HOUSE – ELECTRICAL DEMOLITION PLAN

1 / ED9-01 — SCALE: 1/4"=1'-0"

DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE AS NOTED	INDIAN RIVER INLET PARK ENHANCEMENTS	CONTRACT T200507303	BRIDGE NO. X	EXIST. SOUTHWEST BATH HOUSE BUILDING 9 ELECTRICAL DEMOLITION PLAN ED9-01	SHEET NO. CD281
				COUNTY SUSSEX	DRAWN BY: AHH		TOTAL SHTS. CD282
					CHECKED BY: JRF		

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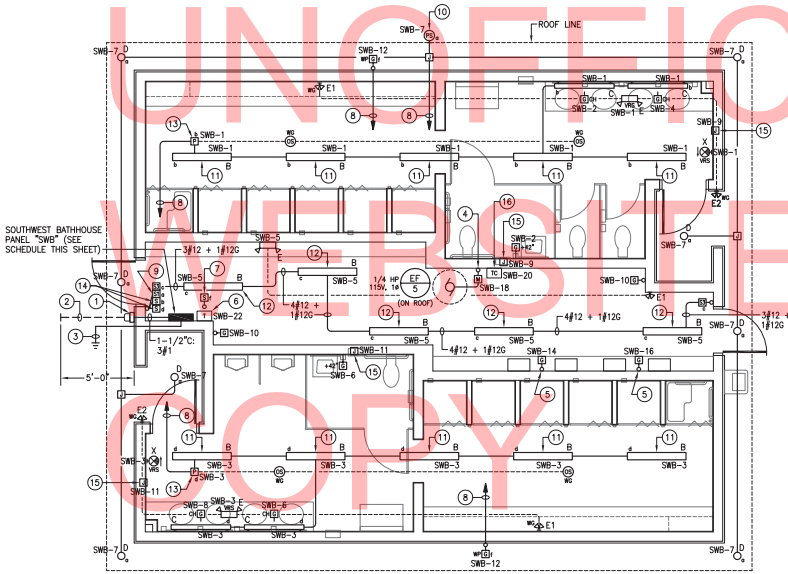
SHEET NOTES:

1. 125A, 1ø, 3W METER SOCKET PER UTILITY REQUIREMENTS (METER PROVIDED BY ELECTRIC UTILITY).
2. EMPTY 2-1/2" 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. RECEPTACLE OUTLET FOR GAS-FIRED INSTANTANEOUS WATER HEATERS. EXACT MOUNTING LOCATION TO BE FIELD-COORDINATED WITH MECHANICAL PIPING.
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 "SWB" 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. CHAIN-SUSPEND LIGHTING FIXTURE 8'-0" A.F.F. EXACT LOCATION TO BE FIELD-COORDINATED WITH MECHANICAL PIPING & DUCTWORK.
13. POWER RELAY PACK WITH OCCUPANCY SENSORS FOR CONTROL OF BATHROOM LIGHTING FIXTURES. CONNECT PER MANUFACTURER'S WIRING INSTRUCTIONS.
14. MASTER-OFF SWITCHES FOR MEN'S & WOMEN'S ROOM LIGHTING FIXTURES (PROVIDE LABELS). CONNECT PER OCCUPANCY SENSOR MANUFACTURER'S WIRING INSTRUCTIONS.
15. JUNCTION BOX FOR HAND DRYER (510W, 120V, 1ø). FIELD-COORDINATE EXACT LOCATION AND PROVIDE ALL CIRCUITING TO HAND DRYER AS REQUIRED PER DRYER MANUFACTURER'S INSTALLATION INSTRUCTIONS.
16. TIME CLOCK CONTROL FOR EXHAUST FAN EF/S (TIME CLOCK & CONTROL WIRING TO EXHAUST FAN PROVIDED BY CONTROLS CONTRACTOR). POWER SUPPLY CIRCUIT TO BE PROVIDED BY ELECTRICAL CONTRACTOR.



N 1 E9-01 EXIST. SOUTHWEST BATH HOUSE – ELECTRICAL PLAN
SCALE: 1/4"=1'-0"

PANELBOARD "SWB" SCHEDULE

LOCATION: SOUTHWEST BATH HOUSE TYPE: 240/120V, 1ø, 3W

SOURCE: UTILITY TRANSFORMER MAIN BREAKER: 100A

DESCRIPTION	BRKR SIZE	CIR NO		CIR NO	BRKR SIZE	DESCRIPTION
LTG – WOMEN'S ROOM	20A	1	A	2	20A	REC – WOMEN'S ROOM
LTG – MEN'S ROOM	20A	3		4	20A	REC – WOMEN'S ROOM
LTG – CHASE	20A	5		6	20A	REC – MEN'S ROOM
LTG – EXTERIOR	20A	7		8	20A	REC – MEN'S ROOM
HAND DRYERS (WOMEN'S)	20A	9		10	20A	REC – CHASE
HAND DRYERS (MEN'S)	20A	11		12	20A	REC – EXTERIOR
SPARE	15A	13		14	20A	REC – INST. WATER HTRS.
SPARE	20A	15		16	20A	REC – INST. WATER HTRS.
SPARE	20A	17		18	15A	EXHAUST FAN
SPARE	20A	19		20	15A	EXH. FAN TIME CLOCK CONTROL
SPARE	20A	21		22	20A	CONTROL POWER XFMR
SPARE	20A	23		24	20A	SPARE
PREPARED SPACE	–	25		26	–	PREPARED SPACE
PREPARED SPACE	–	27		28	–	PREPARED SPACE
PREPARED SPACE	–	29	B	30	–	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.

DELAWARE
DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE AS NOTED

INDIAN RIVER INLET
PARK ENHANCEMENTS

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

EXIST. SOUTHWEST BATH HOUSE
BUILDING 9
ELECTRICAL PLAN
E9-01

SHEET NO. CD282
TOTAL SHTS. CD282