

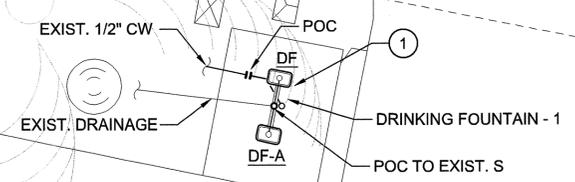
# SOUTH PAVILION

**GENERAL NEW WORK NOTES:**

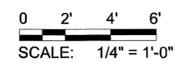
1. PROVIDE NEW SANITARY & WATER PIPING UP TO POC'S AS INDICATED.

**NEW WORK KEY NOTES:**

- 1 PROVIDE NEW DRINKING FOUNTAIN. CONNECT TO EXISTING U/G WATER PIPING & DRAINAGE PIPING UP TO POC AS INDICATED.
- 2 EXISTING FOOT SHOWER STATION TO REMAIN.



**1**  
P104 **HAPUNA BEACH - SOUTH PAVILION NEW WORK**  
NOT TO SCALE



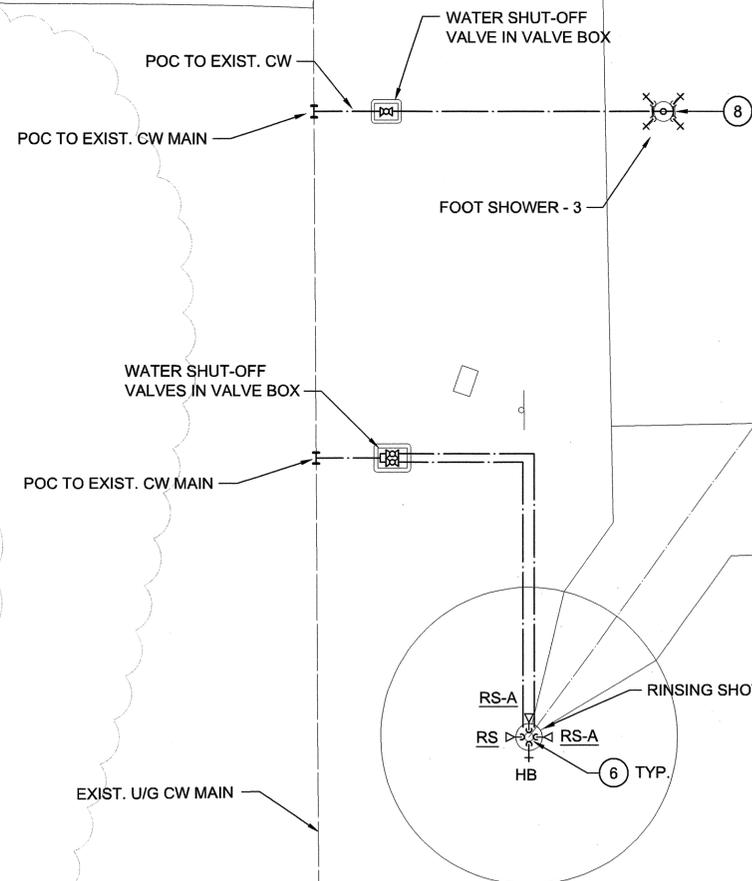
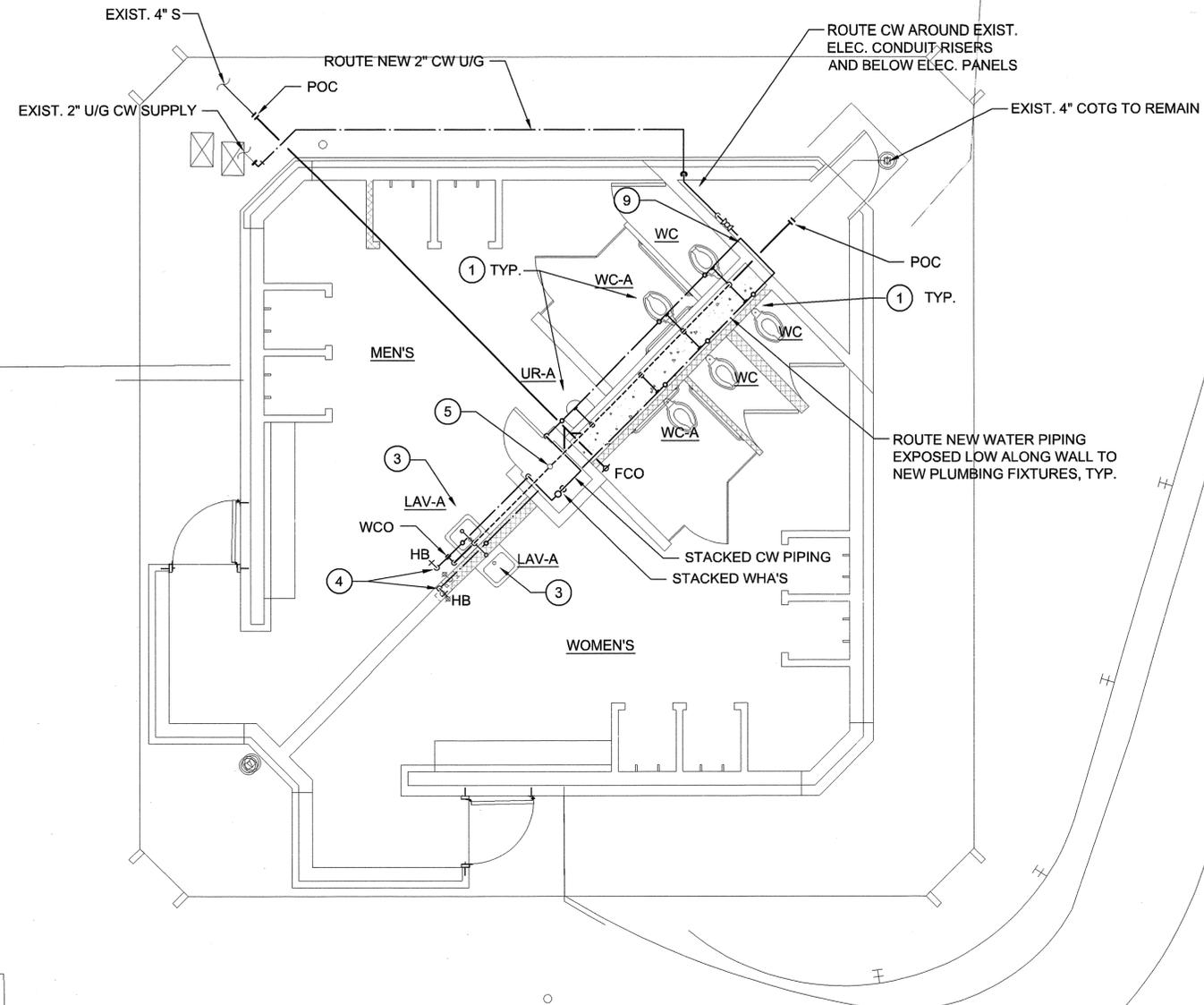
REVISION NO.	SYM.	DESCRIPTION	SHT. OF	DATE	APPROVED
STATE OF HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES ENGINEERING DIVISION <b>HAPUNA BEACH STATE RECREATION AREA PHASE 3 PARK IMPROVEMENTS AND REPAIRS</b> HAPUNA BEACH - SOUTH PAVILION NEW WORK					
DESIGNED: EN		SUBMITTED: INSYNERGY ENG. INC.			
DRAWN: STAFF		DATE: APRIL 2016			
CHECKED: BJO		SCALE: AS-NOTED			
APPROVED: <i>[Signature]</i>		DATE: MAY - 3 2016		DRAWING NO. P104	
SIGNATURE		DATE		DATE	
EXPIRATION DATE OF LICENSE: APRIL 30, 2018		DATE		DATE	
CHIEF ENGINEER		DATE		DATE	

**GENERAL NEW WORK NOTES:**

1. PROVIDE NEW SANITARY, VENT, & WATER PIPING BELOW AND ABOVE GROUND UP TO POC'S AS INDICATED.
2. PROVIDE NEW PLUMBING FIXTURE SUPPORTS & CARRIERS.
3. PROVIDE NEW PLUMBING FIXTURE VALVES & FAUCETS.
4. RINSING SHOWER: PROVIDE 2 COLD WATER SUPPLY LINES TO DIVIDE SHOWER HEADS TO ALLOW FOR SERVICING.
5. PAINT ALL EXPOSED PIPING TO MATCH WALL PAINT COLOR.
6. CONTRACTOR TO VERIFY EXACT LOCATION OF EXISTING SANITARY PIPING BEFORE ANY SAW CUTTING IS DONE.

**NEW WORK KEY NOTES:**

- ① NEW WATER CLOSET & URINAL.
- ② CONNECT NEW CW PIPING TO EXISTING 2" CW STUBOUT ABOVE SLAB.
- ③ PROVIDE NEW LAVATORY.
- ④ PROVIDE NEW HOSE BIBB.
- ⑤ PROVIDE NEW VENT PIPING & VENT STACK PIPING UP TO 12" BELOW ROOF & CONNECT TO EXISTING VTR.
- ⑥ PROVIDE NEW RINSING SHOWER. 1 STANDARD HEIGHT/2 ADA HEIGHT.
- ⑦ NOT USED.
- ⑧ PROVIDE NEW FOOT SHOWER STATION, 3 STANDARD/ 1 ADA.
- ⑨ STACKED ISOLATION VALVES FOR EACH RESTROOM.



1  
P105

**HAPUNA BEACH - SOUTH COMFORT STATION NEW WORK**  
NOT TO SCALE

0 2' 4' 6'  
SCALE: 1/4" = 1'-0"



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STATE OF HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES ENGINEERING DIVISION <b>HAPUNA BEACH STATE RECREATION AREA PHASE 3 PARK IMPROVEMENTS AND REPAIRS</b> HAPUNA BEACH - SOUTH COMFORT STATION NEW WORK					
DESIGNED: EN		SUBMITTED: INSYNERGY ENG. INC.			
DRAWN: STAFF		DATE: APRIL 2016			
CHECKED: BJO		SCALE: AS-NOTED			
APPROVED: <i>[Signature]</i>		DATE: MAY - 3 2016		DRAWING NO. P105	
SIGNATURE		EXPIRATION DATE OF LICENSE: APRIL 30, 2018		CHIEF ENGINEER	

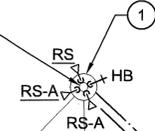
**GENERAL NEW WORK NOTES:**

1. PROVIDE NEW WATER PIPING UP TO POC'S AS INDICATED.
2. RINSING SHOWER: PROVIDE 2 COLD WATER SUPPLY LINES TO DIVIDE SHOWER HEADS TO ALLOW FOR SERVICING.

**NEW WORK KEY NOTES:**

- ① PROVIDE NEW RINSING SHOWER. 1 STANDARD HEIGHT/2 ADA HEIGHT.
- ② RE-ROUTE EXISTING CW MAIN AROUND NEW RINSING SHOWER CONCRETE BASE.

RINSING SHOWER-1



POC

POC TO EXIST. CW MAIN

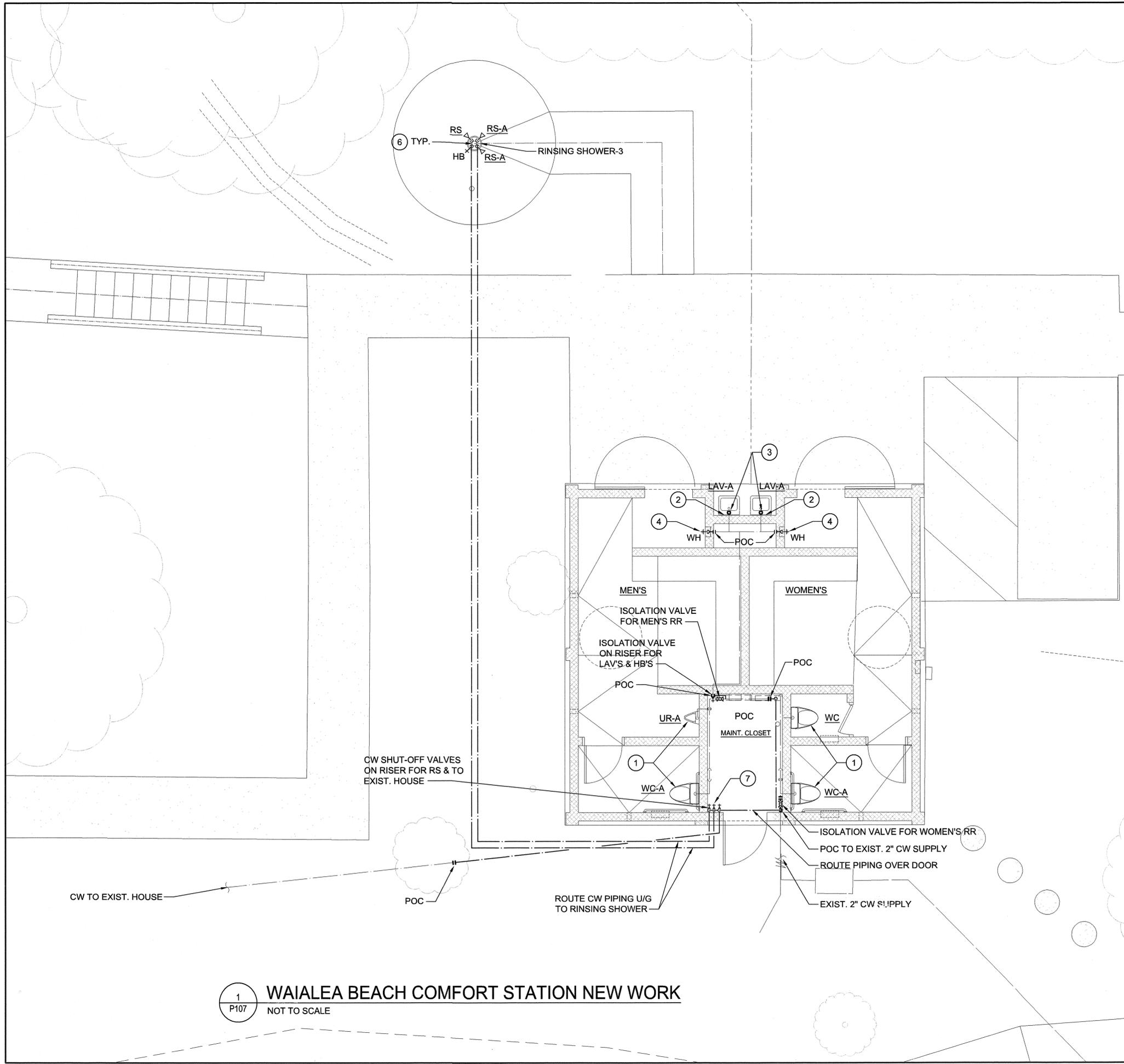
EXIST. 3" U/G CW MAIN

DUAL WATER SHUT-OFF VALVES IN VALVE BOX

① HAPUNA BEACH - NEW RINSING STATION  
P106 NOT TO SCALE



REVISION NO.	SYM.	DESCRIPTION	SHT. OF	DATE	APPROVED
STATE OF HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES ENGINEERING DIVISION					
HAPUNA BEACH STATE RECREATION AREA PHASE 3 PARK IMPROVEMENTS AND REPAIRS					
HAPUNA BEACH - NEW RINSING STATION					
DESIGNED: EN			SUBMITTED: INSYNERGY ENG. INC.		
DRAWN: STAFF			DATE: APRIL 2016		
CHECKED: BJO			SCALE: AS-NOTED		
APPROVED: <i>[Signature]</i>			DRAWING NO. P106		
SIGNATURE			MAY - 3 2016		
EXPIRATION DATE OF LICENSE: APRIL 30, 2018			DATE		



**GENERAL NEW WORK NOTES:**

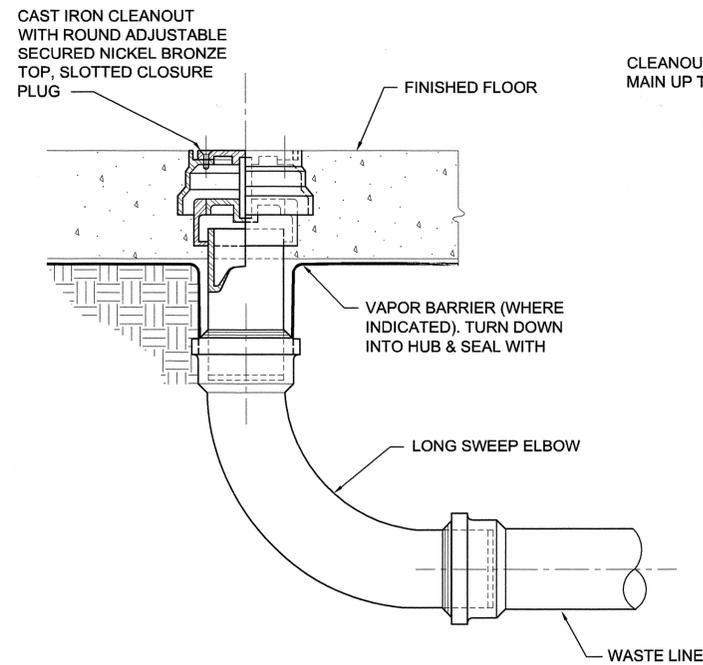
1. PROVIDE NEW WATER PIPING ABOVE AND BELOW GROUND UP TO POC'S AS INDICATED. CONNECT TO EXISTING WATER PIPING SERVING WATER CLOSETS AND URINAL IN MAINTENANCE CLOSET.
2. PROVIDE NEW PLUMBING FIXTURE SUPPORTS & CARRIERS.
3. PROVIDE NEW PLUMBING FIXTURE VALVES & FAUCETS.
4. RINSING SHOWER: PROVIDE 2 COLD WATER SUPPLY LINES TO DIVIDE SHOWER HEADS TO ALLOW FOR SERVICING.

**NEW WORK KEY NOTES:**

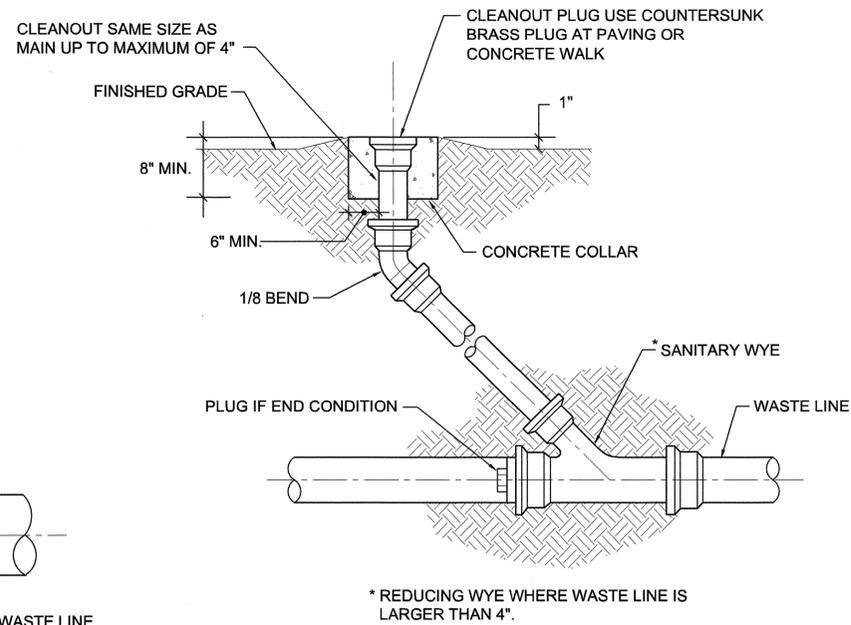
- 1 NEW WATER CLOSET & URINAL..
- 2 PROVIDE STAINLESS STEEL 1 PIECE DRAIN PIPES FOR ALL EXTERIOR / EXPOSED DRAINAGE PIPING SERVING LAVATORIES. PROVIDE WITH ADA PIPE COVER.
- 3 PROVIDE NEW ADA LAVATORY & FAUCET FIXTURES. CONNECT TO EXISTING DRAINAGE AND WATER STUBOUTS.
- 4 PROVIDE NEW RECESSED WALL HYDRANT.
- 5 NOT USED.
- 6 PROVIDE NEW RINSING SHOWER. 1 STANDARD HEIGHT/2 ADA HEIGHT.
- 7 STACKED ISOLATION VALVES FOR RINSING SHOWER AND EXISTING HOUSE.

**1 WAIALEA BEACH COMFORT STATION NEW WORK**  
P107 NOT TO SCALE

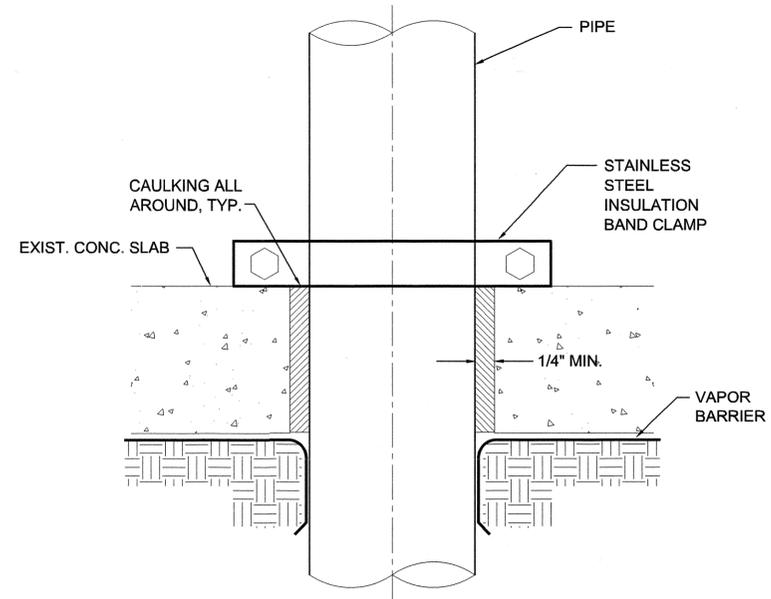
REVISION NO.	SYM.	DESCRIPTION	SHT. OF	DATE	APPROVED
					
STATE OF HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES ENGINEERING DIVISION <b>HAPUNA BEACH STATE RECREATION AREA PHASE 3 PARK IMPROVEMENTS AND REPAIRS</b> WAIALEA BEACH COMFORT STATION NEW WORK					
DESIGNED:	EN	SUBMITTED:	INSYNERGY ENG. INC.		
DRAWN:	STAFF	DATE:	APRIL 2016		
CHECKED:	BJO	SCALE:	AS-NOTED		
APPROVED:	 SIGNATURE EXPIRATION DATE OF LICENSE: APRIL 30, 2018		DATE:	MAY - 3 2016	
CHIEF ENGINEER		DRAWING NO.	P107		



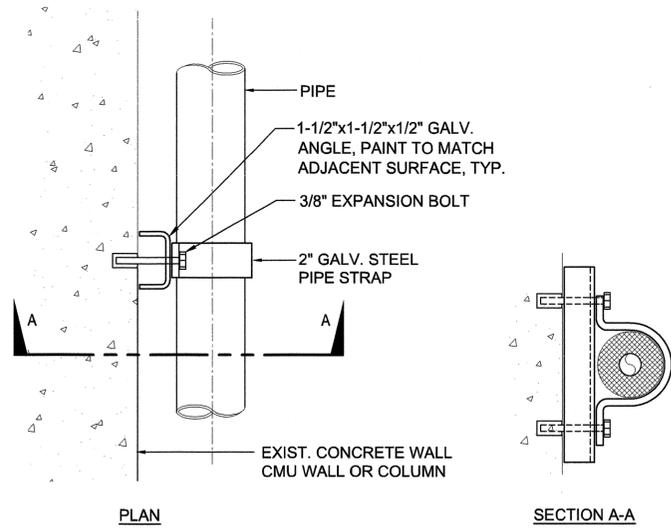
1 FLOOR CLEANOUT DETAIL  
P501 NOT TO SCALE



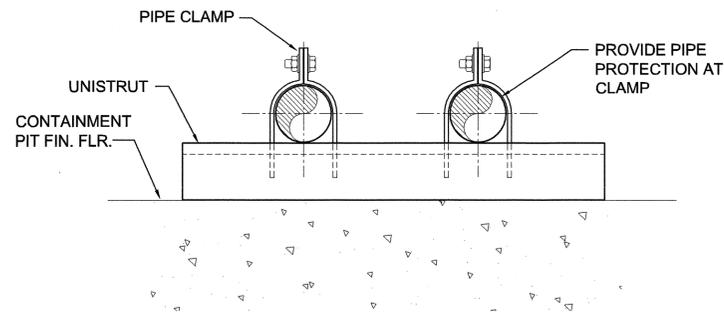
2 CLEANOUT TO GRADE DETAIL  
P501 NOT TO SCALE



3 PIPE THRU SLAB ON GRADE DETAIL  
P501 NOT TO SCALE

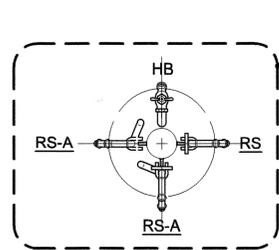


4 PIPE SUPPORT DETAIL - WALL MOUNTED  
P501 NOT TO SCALE



5 PIPE SUPPORT DETAIL - FLOOR MOUNTED  
P501 NOT TO SCALE

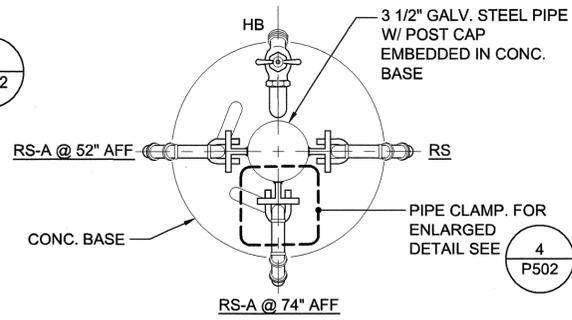
REVISION NO.	SYM.	DESCRIPTION	SHT. OF	DATE	APPROVED
STATE OF HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES ENGINEERING DIVISION <b>HAPUNA BEACH STATE RECREATION AREA PHASE 3 PARK IMPROVEMENTS AND REPAIRS</b> PLUMBING DETAILS					
		THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.			
DESIGNED:	EN	SUBMITTED:	INSYNERGY ENG. INC.		
DRAWN:	STAFF	DATE:	APRIL 2016		
CHECKED:	BJO	SCALE:	AS-NOTED		
APPROVED:			DRAWING NO.	P501	
SIGNATURE	EXPIRATION DATE OF LICENSE: APRIL 30, 2018		DATE	MAY - 3 2016	
CHIEF ENGINEER			DATE		



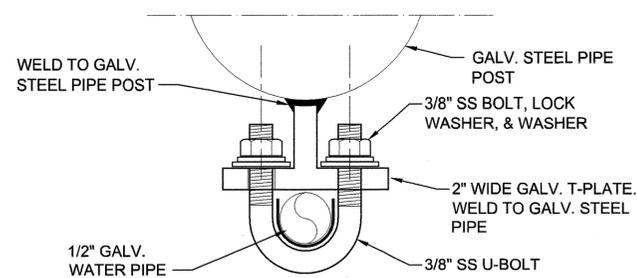
**SECTION A-A**  
SCALE: 1" = 1'-0"

FOR ENLARGED SECTION SEE

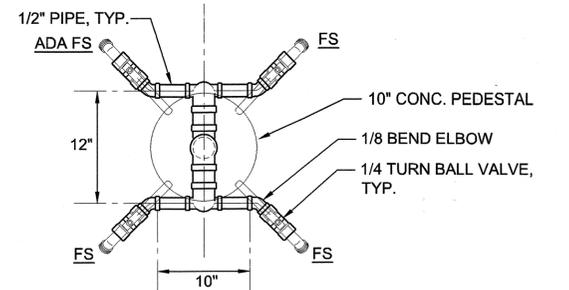
2  
P502



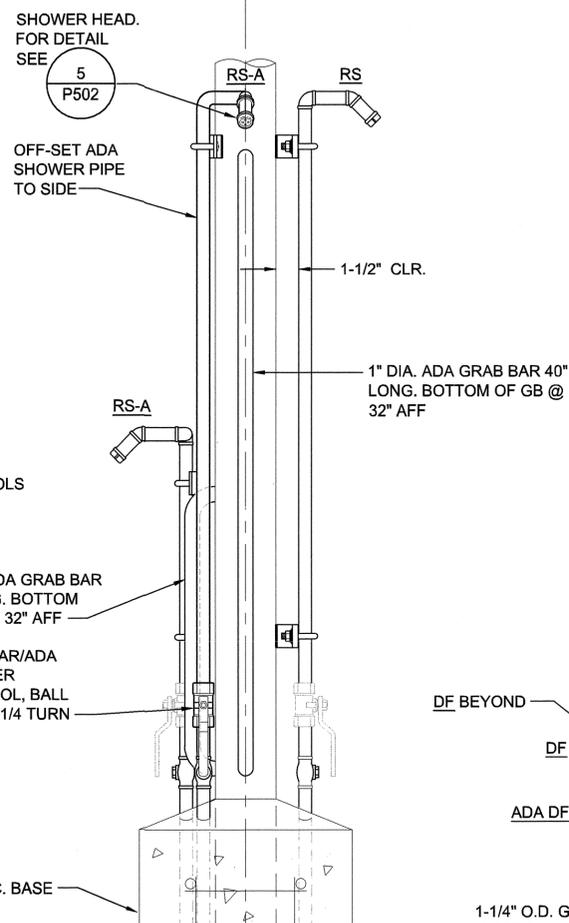
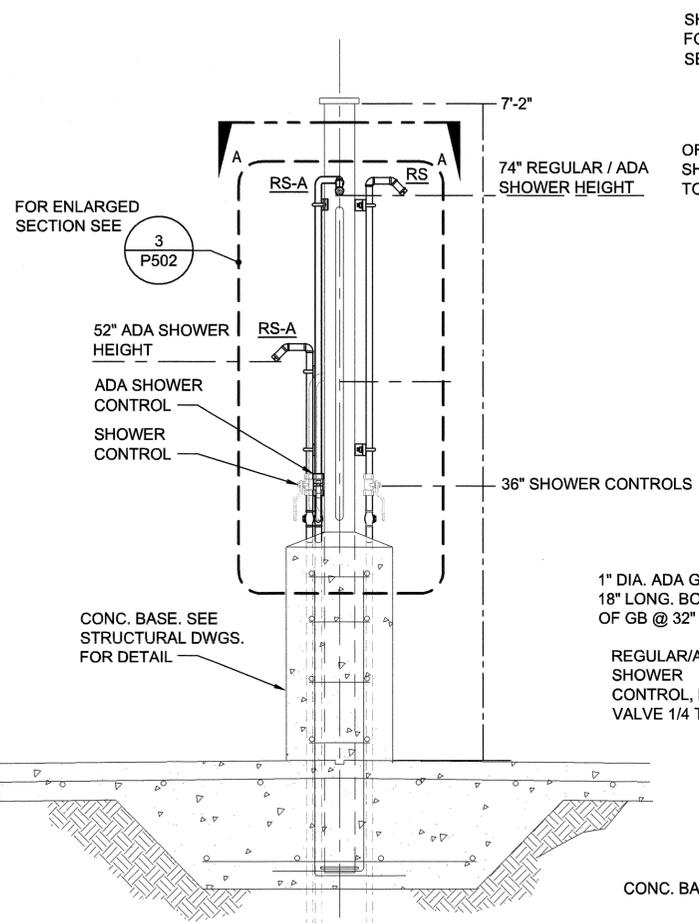
2  
P502  
NTS  
**ENLARGED SECTION**



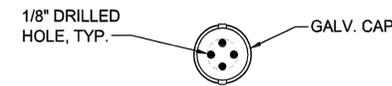
4  
P502  
NTS  
**ENLARGED DETAIL**



NTS  
**PLAN VIEW**

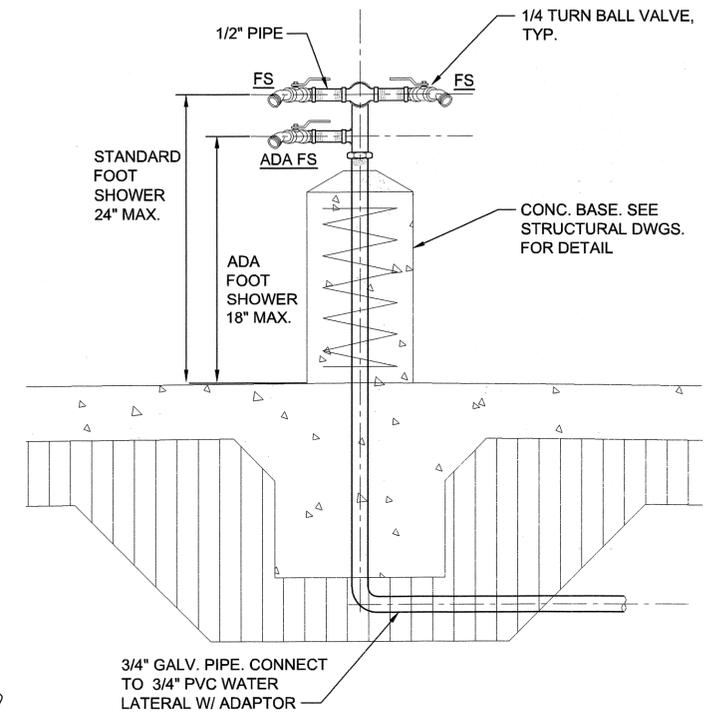


3  
P502  
NTS  
**ENLARGED DETAIL**



NOTES:  
1. SHOWER HEAD SHALL BE A 1/2" NTP GALVANIZED CAP DRILLED W/ 4-1/8" HOLES.  
2. ALL PIPES & FITTINGS SHALL BE GALVANIZED STEEL.

5  
P502  
NTS  
**SHOWER HEAD DETAIL**



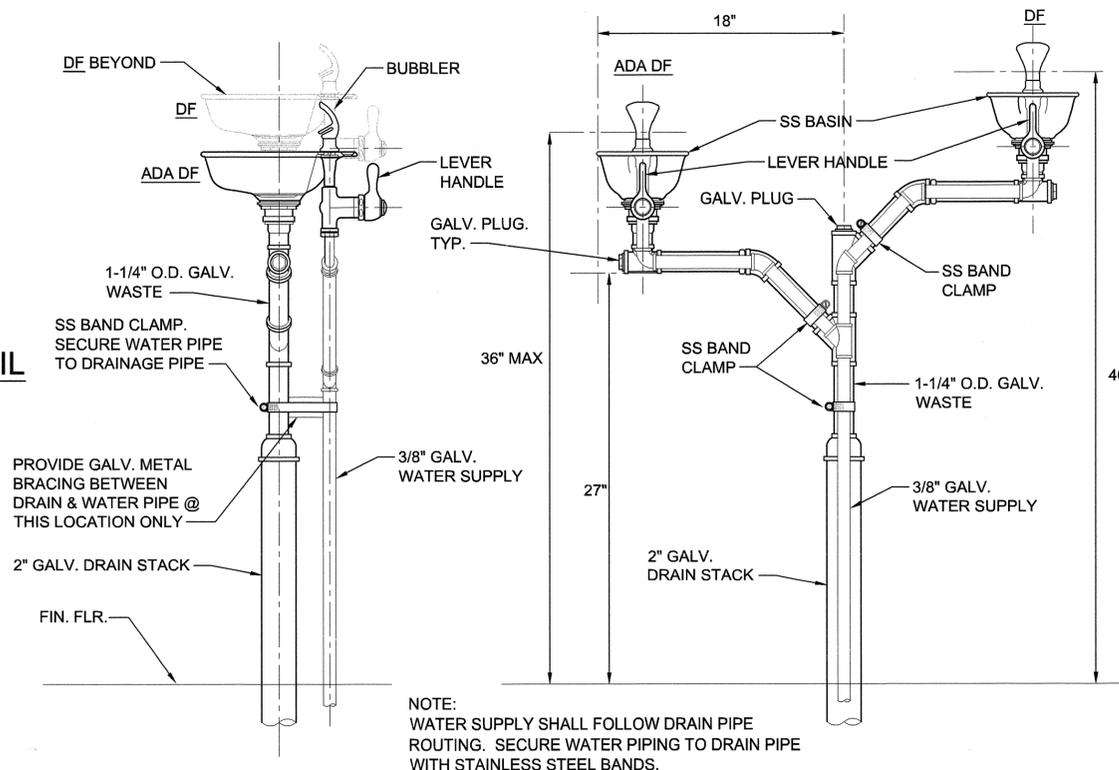
NOTE:  
1. ADA FOOT SHOWER LEVER FORCE REQUIRED TO OPERATE SHALL BE 5 LBS. MAXIMUM.

6  
P502  
NTS  
**FOOT SHOWER DETAIL**

DIELECTRIC COUPLING TYP.  
(2) 1/2" COPPER PIPE, TYPE "K". CONNECT TO GALV. RINSE SHOWER PIPING. CONNECT ONE SUPPLY TO ONE REGULAR SHOWER HEAD AND THE OTHER TO OTHER REGULAR & ADA SHOWER HEAD.

NOTE:  
1. ADA SHOWER LEVER FORCE REQUIRED TO OPERATE SHALL BE 5 LBS. MAXIMUM.

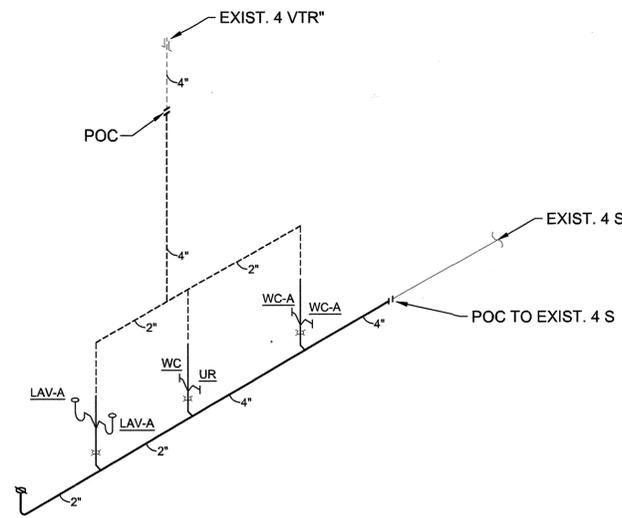
1  
P502  
SCALE: 1" = 1'-0"  
**RINSING SHOWER STATION DETAIL**



NOTE:  
WATER SUPPLY SHALL FOLLOW DRAIN PIPE ROUTING. SECURE WATER PIPING TO DRAIN PIPE WITH STAINLESS STEEL BANDS.

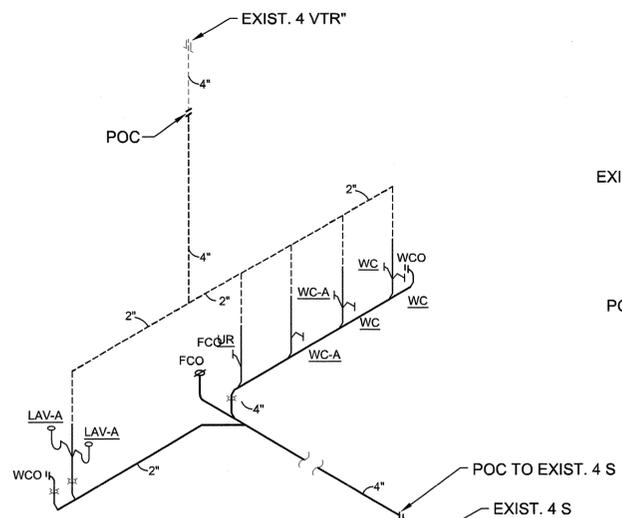
7  
P502  
NTS  
**ADA DRINKING FOUNTAIN DETAIL**

REVISION NO.	SYM.	DESCRIPTION	SHT./OF	DATE	APPROVED
STATE OF HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES ENGINEERING DIVISION <b>HAPUNA BEACH STATE RECREATION AREA PHASE 3 PARK IMPROVEMENTS AND REPAIRS</b> PLUMBING DETAILS					
		DESIGNED: EN DRAWN: STAFF CHECKED: BJO APPROVED: <i>[Signature]</i> CHIEF ENGINEER			
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION. SIGNATURE: <i>[Signature]</i> EXPIRATION DATE OF LICENSE: APRIL 30, 2018		SUBMITTED: INSYNERGY ENG. INC. DATE: APRIL 2016 SCALE: AS-NOTED MAY - 3 2016 DATE		DRAWING NO. <b>P502</b>	



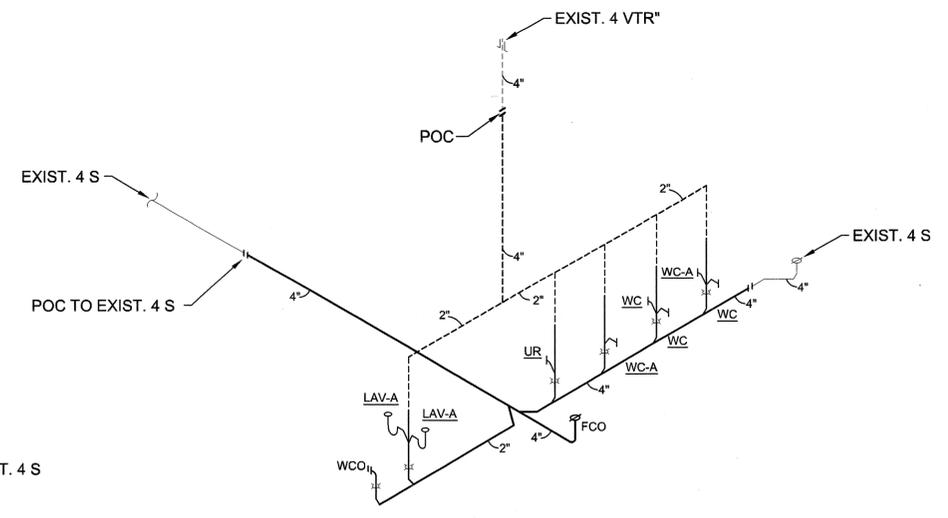
**HAPUNA BEACH PARKING COMFORT STATION  
- SANITARY PIPING DIAGRAM**

1  
P601 NTS



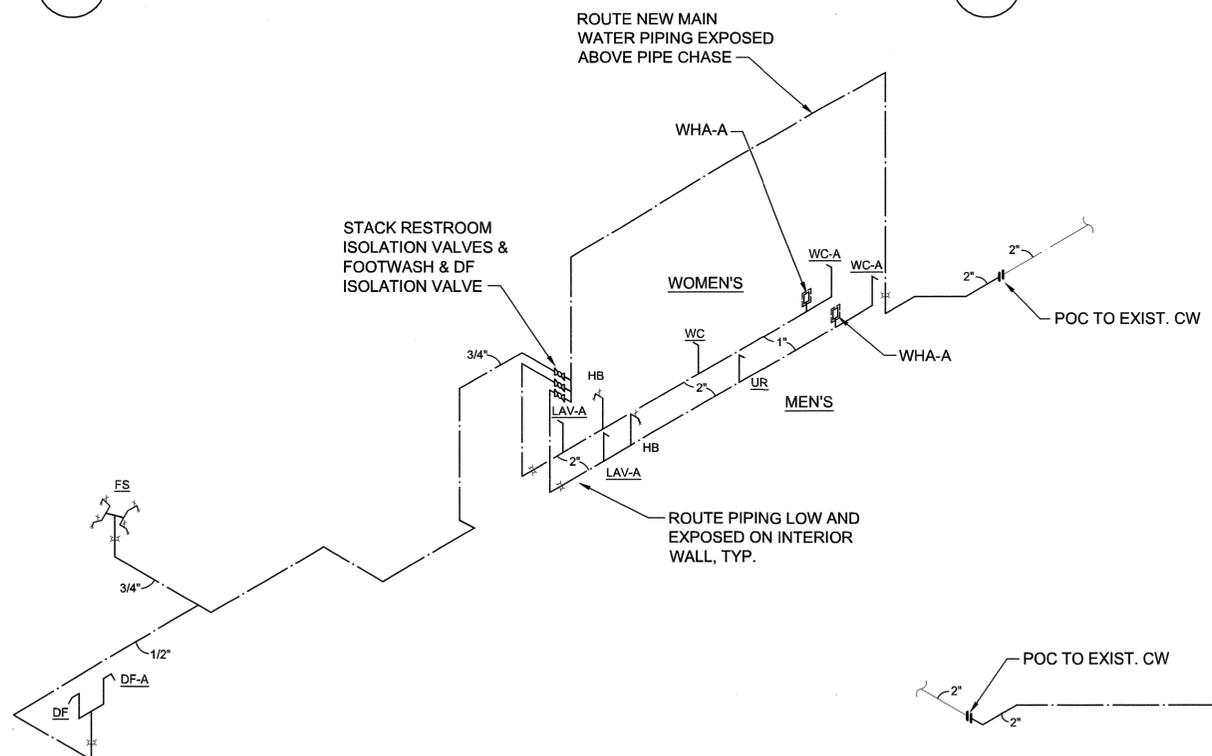
**HAPUNA BEACH NORTH COMFORT STATION  
- SANITARY PIPING DIAGRAM**

2  
P601 NTS



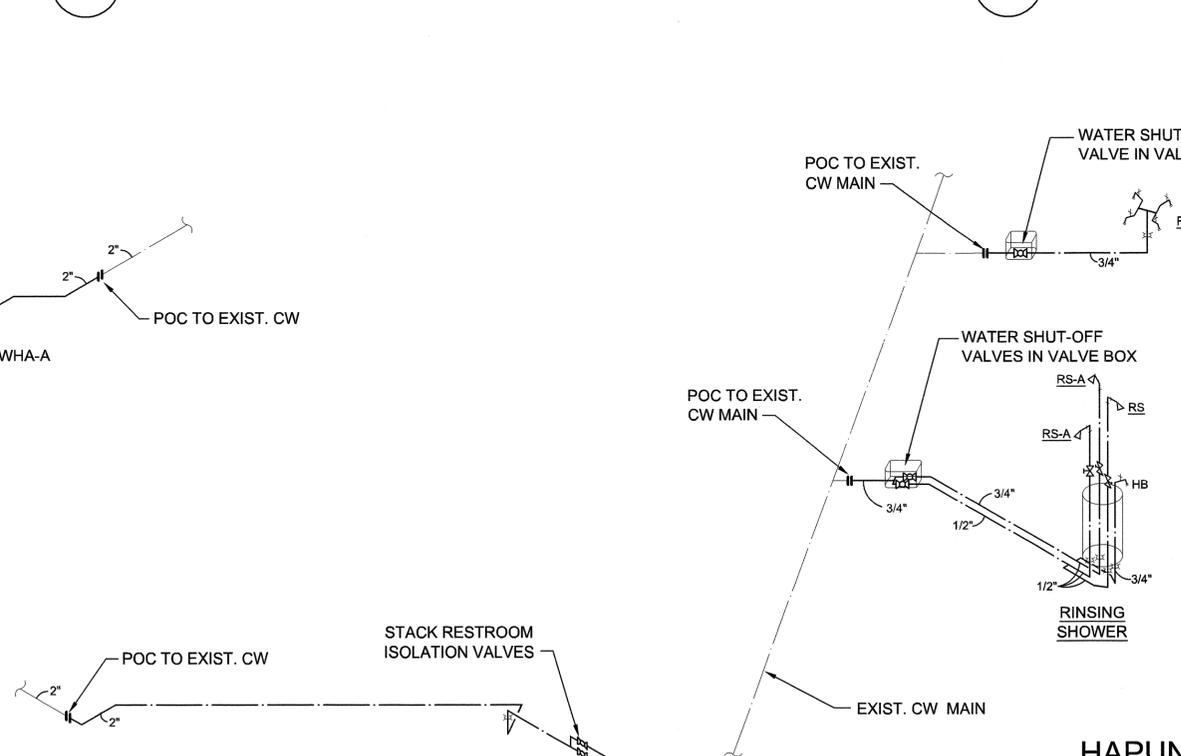
**HAPUNA BEACH SOUTH COMFORT STATION  
- SANITARY PIPING DIAGRAM**

3  
P601 NTS



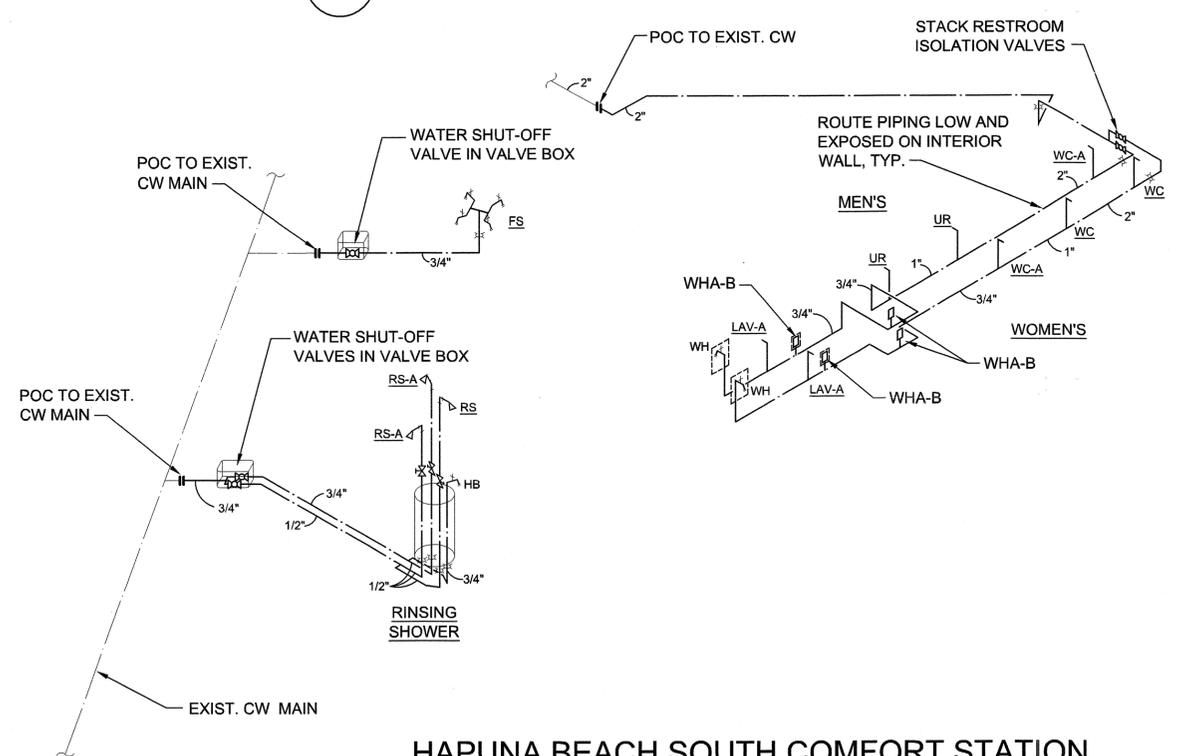
**HAPUNA BEACH PARKING COMFORT STATION  
- WATER PIPING DIAGRAM**

4  
P601 NTS



**HAPUNA BEACH NORTH COMFORT STATION  
- WATER PIPING DIAGRAM**

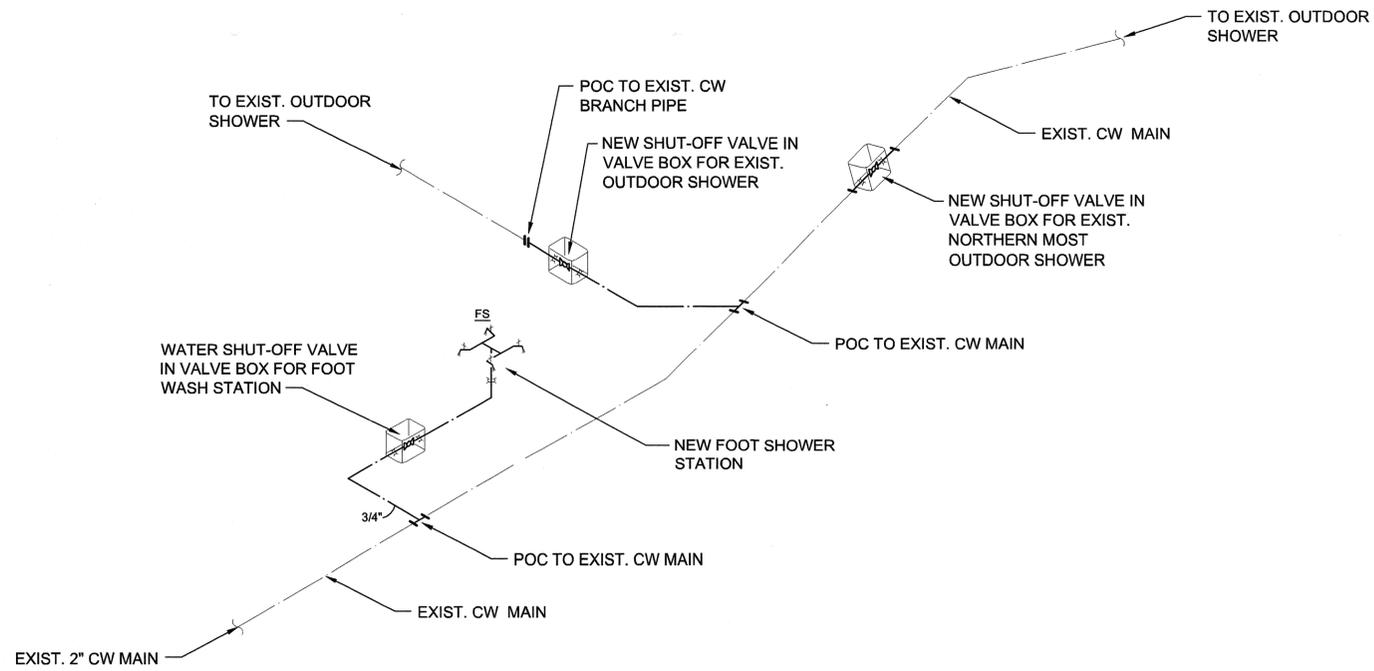
5  
P601 NTS



**HAPUNA BEACH SOUTH COMFORT STATION  
- WATER PIPING DIAGRAM**

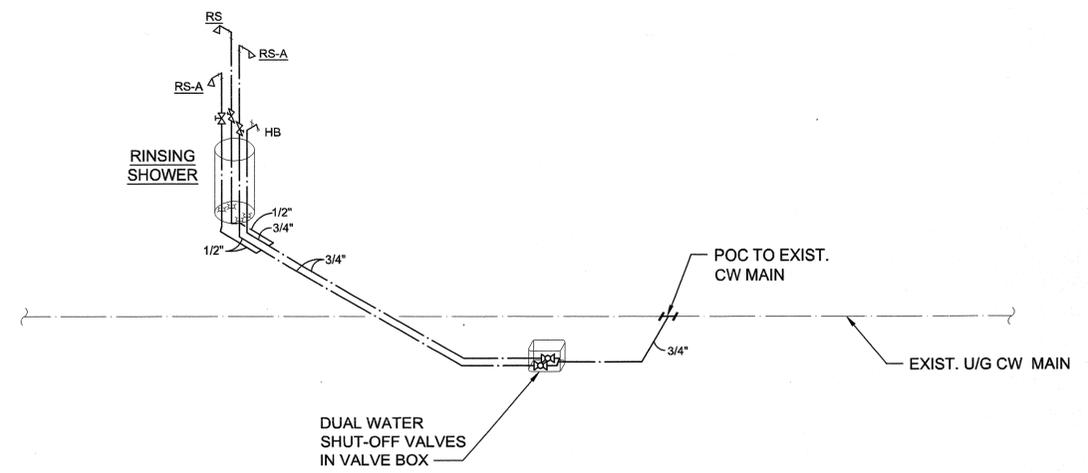
6  
P601 NTS

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STATE OF HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES ENGINEERING DIVISION					
HAPUNA BEACH STATE RECREATION AREA PHASE 3 PARK IMPROVEMENTS AND REPAIRS					
HAPUNA BEACH COMFORT STATIONS - SANITARY & WATER PIPING DIAGRAMS					
DESIGNED: EN			SUBMITTED: INSYNERGY ENG. INC.		
DRAWN: STAFF			DATE: APRIL 2016		
CHECKED: BJO			SCALE: AS-NOTED		
APPROVED: <i>[Signature]</i>			DRAWING NO. P601		
SIGNATURE: <i>[Signature]</i>			DATE: MAY - 3 2016		
EXPIRATION DATE OF LICENSE: APRIL 30, 2018			CHIEF ENGINEER		



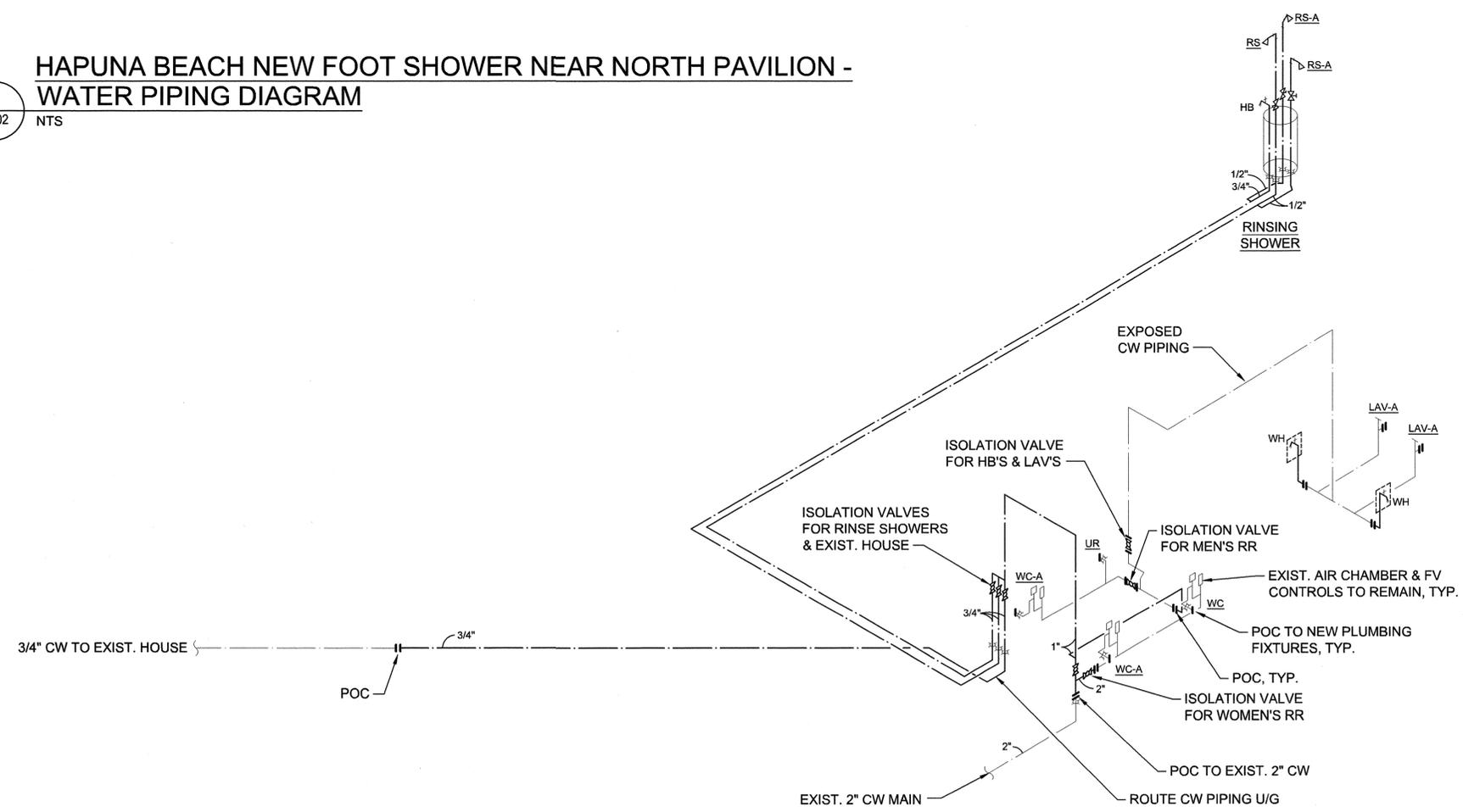
**HAPUNA BEACH NEW FOOT SHOWER NEAR NORTH PAVILION - WATER PIPING DIAGRAM**

1  
P602  
NTS



**HAPUNA BEACH NEW RINSING SHOWER - WATER PIPING DIAGRAM**

2  
P602  
NTS



**WAIALEA COMFORT STATION - WATER PIPING DIAGRAM**

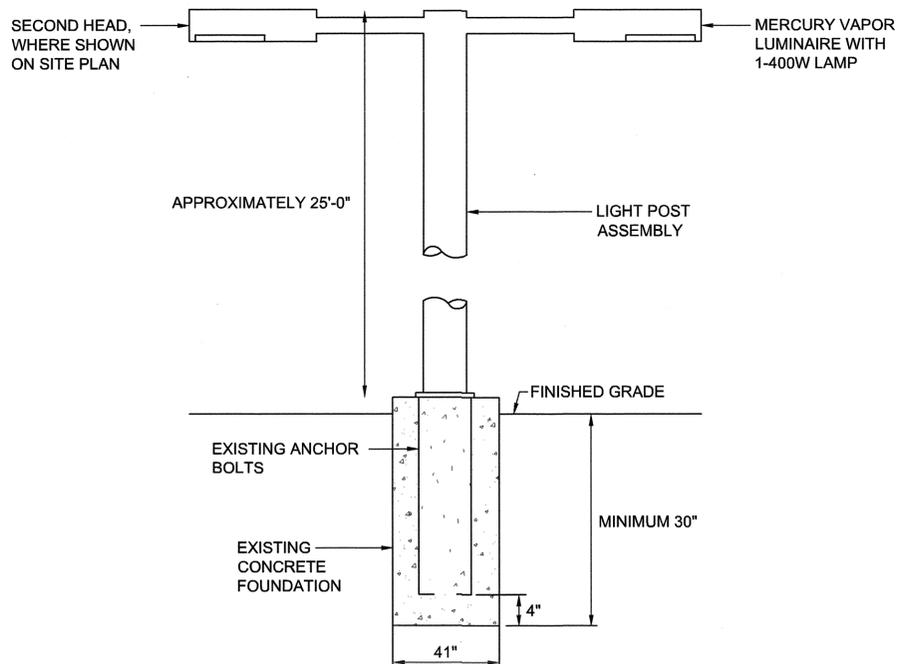
3  
P602  
NTS

REVISION NO.	SYM.	DESCRIPTION	SHT./OF	DATE	APPROVED
STATE OF HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES ENGINEERING DIVISION  <b>HAPUNA BEACH STATE RECREATION AREA PHASE 3 PARK IMPROVEMENTS AND REPAIRS</b>  WAIALEA COMFORT STATION - SANITARY & WATER PIPING DIAGRAMS					
		THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.			
DESIGNED:	EN	SUBMITTED:	INSYNERGY ENG. INC.		
DRAWN:	STAFF	DATE:	APRIL 2016		
CHECKED:	BJO	SCALE:	AS-NOTED		
APPROVED:		DATE:	MAY - 3 2016	DRAWING NO.	P602
		CHIEF ENGINEER			

SYMBOLS			DESCRIPTION
EXIST	NEW	MTG HT	
⊙			LIGHT FIXTURE, POLE MOUNTED
---			UNDERGROUND ELECTRICAL DUCT LINE
[ ]			EXISTING 2'X4' ELECTRICAL HANDHOLE
⊞			PANELBOARD
⊞		18" FLR-⊞	JUNCTION BOX, STANDARD, WALL MOUNTED
⊞			JUNCTION BOX, STANDARD, CEILING MOUNTED
⊞		18" FLR-⊞	RECEPTACLE, DUPLEX, NEMA 5-20R
⊞		46" FLR-⊞	SWITCH, SINGLE POLE, 20A
⊞			LIGHT FIXTURE, CEILING SURFACE OR PENDANT MOUNTED
⊞		FLR-⊞	LIGHT FIXTURE, WALL MOUNTED
⊞			TIME SWITCH
⊞			IRRIGATION CONTROL
⊞			RELAY
	////		REMOVE EXISTING FEEDER, BRANCH CIRCUIT, OR EQUIPMENT
	1		NOTE DESIGNATION, NOTE "1" INDICATED
	1 E-001		DETAIL DESIGNATOR. TOP HALF-DETAIL NUMBER. BOTTOM HALF-SHEET NUMBER WHERE DETAIL IS SHOWN.

### DEMOLITION NOTES:

1. THE DEMOLITION PLAN IS INTENDED TO SHOW THE GENERAL SCOPE OF WORK AND DOES NOT NECESSARILY SHOW EVERY DEVICE, BOX, CONDUIT, PANEL, ETC. TO BE REMOVED. FIELD VERIFY OTHER ELECTRICAL SERVICES THAT MAY BE ENCOUNTERED DURING DEMOLITION AND REMOVE OR RE-ROUTE THESE ITEMS AS REQUIRED.
2. REMOVE ALL UNUSED WIRING FROM DEMOLITION AREA NOT CONCEALED IN CONCRETE OR PLASTER INCLUDING WIRING DISCONNECTED UNDER THIS CONTRACT AND WIRING UNCOVERED BY DEMOLITION.
3. ALL REMAINING JUNCTION AND PULL BOXES SHALL BE ACCESSIBLE AS PER NATIONAL ELECTRICAL CODE (N.E.C.). THE CONTRACTOR SHALL MOVE EXISTING BOXES, ETC. AS REQUIRED BY NEW CONSTRUCTION.



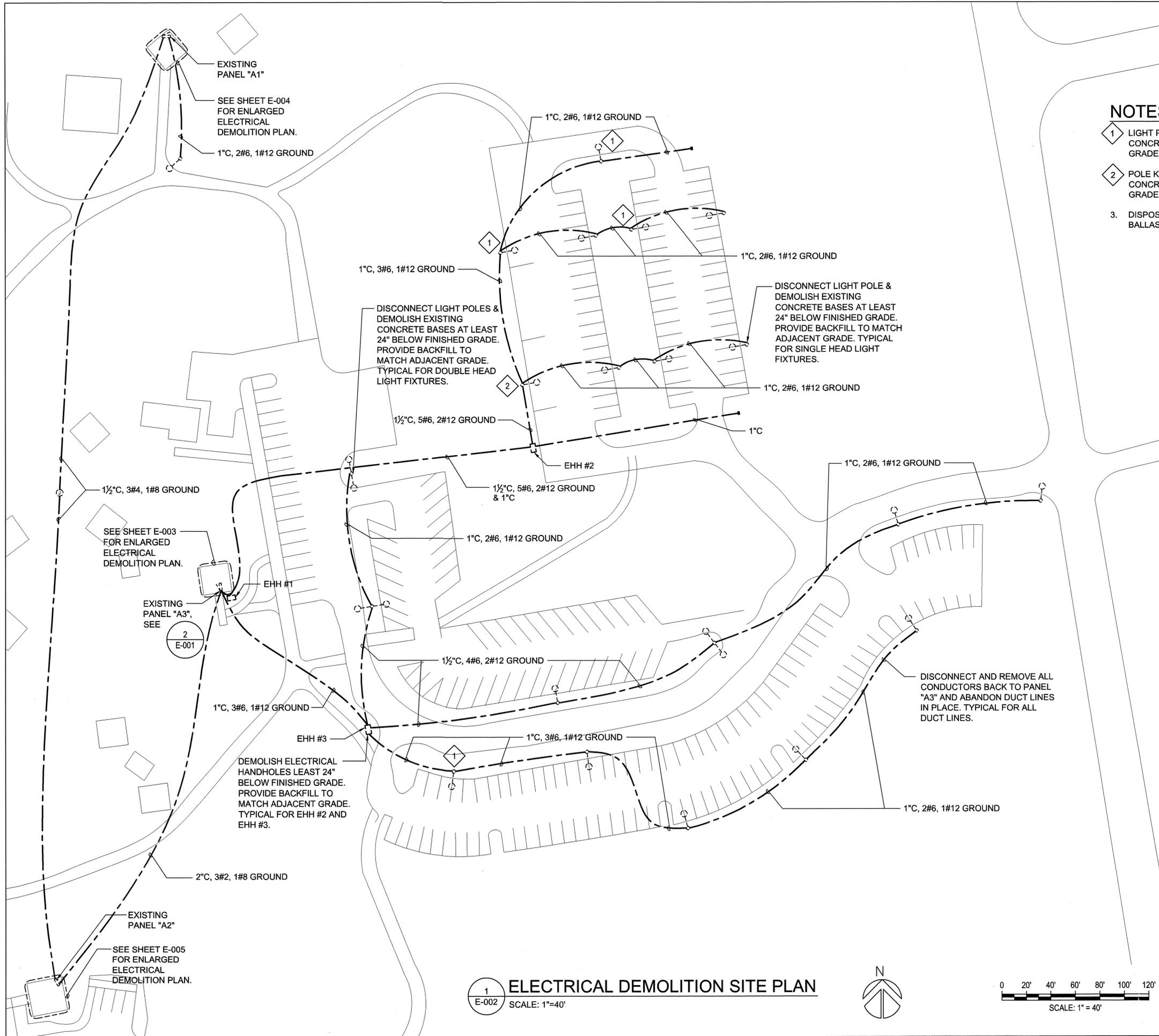
1  
E-001 EXISTING LIGHT POST DETAIL  
NOT TO SCALE

DISCONNECT AND REMOVE CONDUCTORS FROM CIRCUIT BREAKERS. CIRCUIT BREAKER TO REMAIN AS SPARE. UPDATE PANEL DIRECTORY.

EXISTING PANEL: A3		VOLTAGE: 120/240		1 PHASE		POLES: 20			
MAIN BUS: 100A		MAIN BKR: 2P40A		3 WIRE		MIN. A.I.C.: 10,000			
MOUNTING: SURFACE		BKR TYPE: BOLT-ON				CABINET WIDTH: 20"			
WIRE	CKT NO.	DESCRIPTION	CKT BKR	KVA		CKT BKR	DESCRIPTION	CKT NO.	WIRE
				A	B				
-	1	SPARE	1P20A			2P30A	MAIN FOR PANEL "L"	2	
-	3	SPARE	1P20A			-	-	4	
-	5	SPARE	1P20A			1P20A	TIME CLOCK LOT	6	
-	7	SPARE	1P20A			1P20A	PLUG	8	
-	9	SPARE	1P20A			1P20A	GAVITETTE	10	
-	11	SPARE	1P20A			1P20A	SPARE	12	
-	13	PFB	-			-	PFB	14	
-	15	PFB	-			-	PFB	16	
-	17	PFB	-			-	PFB	18	
-	19	PFB	-			-	PFB	20	

2  
E-001 EXISTING PANEL SCHEDULE  
NOT TO SCALE

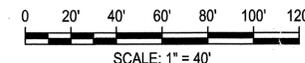
REVISION NO.	SYM.	DESCRIPTION	SHT. OF	DATE	APPROVED
STATE OF HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES ENGINEERING DIVISION					
HAPUNA BEACH STATE RECREATION AREA PHASE 3 PARK IMPROVEMENTS AND REPAIRS					
ELECTRICAL LEGEND, DEMOLITION NOTES & LIGHT POST DETAIL					
DESIGNED: KH		SUBMITTED: INSYNERGY ENG. INC.			
DRAWN: ISE		DATE: APRIL 2016			
CHECKED: GM		SCALE: AS-NOTED			
APPROVED: <i>Garret A. Masuda</i>		MAY - 3 2016		DRAWING NO. E-001	
SIGNATURE		DATE			
EXPIRATION DATE OF LICENSE: APRIL 30, 2018		CHIEF ENGINEER			



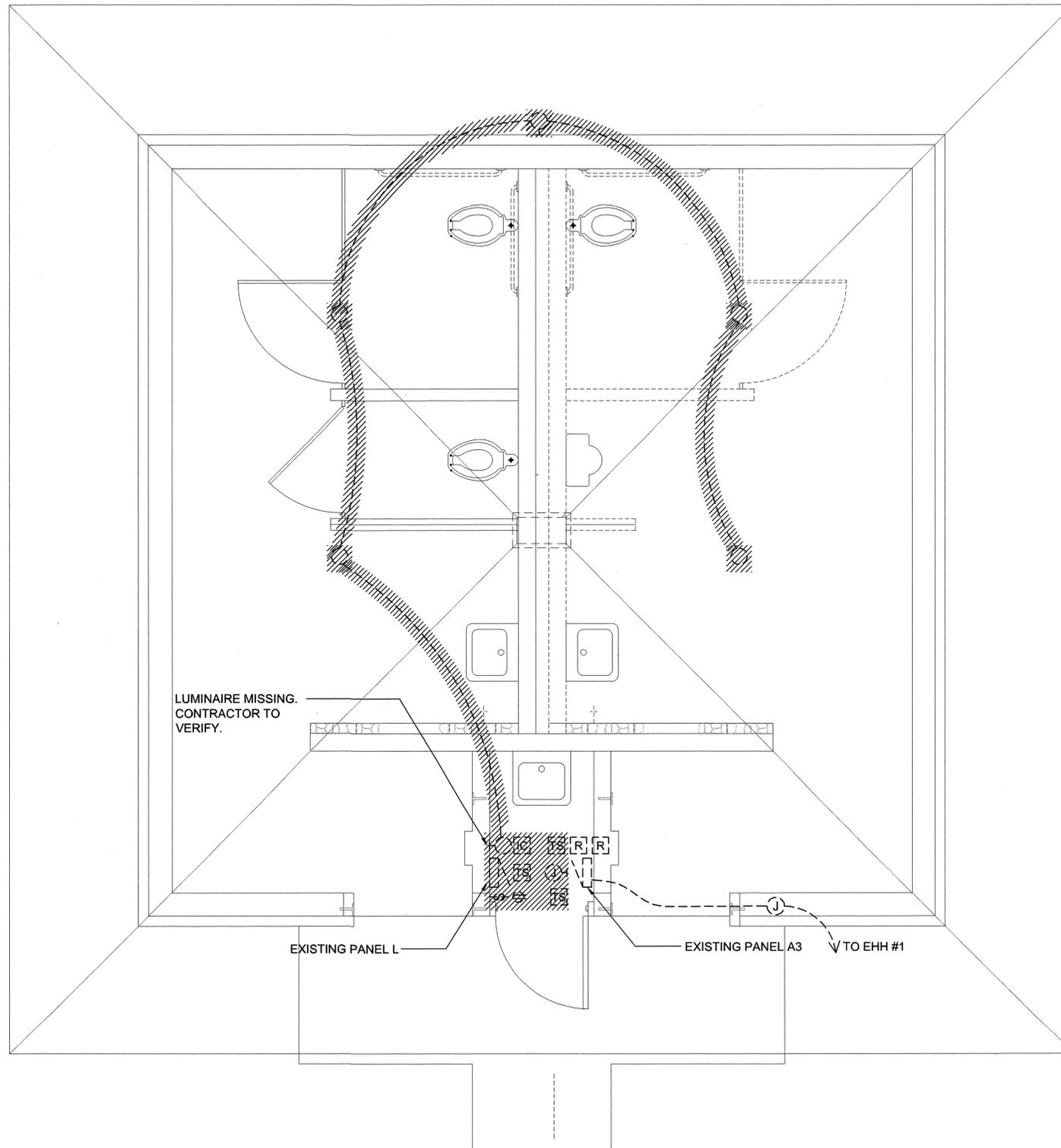
**NOTES:**

- 1 LIGHT POLE MISSING AND ONLY CONCRETE BASE REMAINS. DEMOLISH CONCRETE FOUNDATION. PROVIDE BACKFILL TO MATCH ADJACENT GRADE. CONTRACTOR TO DISPOSE OF LIGHT POLE IF IT IS ON SITE.
- 2 POLE KNOCKED DOWN & IS LAYING NEAR CONCRETE BASE. DEMOLISH CONCRETE FOUNDATION. PROVIDE BACKFILL TO MATCH ADJACENT GRADE. CONTRACTOR TO DISPOSE OF LIGHT POLE IF IT IS ON SITE.
- 3. DISPOSE OF MERCURY CONTAINING LAMPS AND PCB CONTAINING BALLASTS IN ACCORDANCE WITH THE SPECIFICATIONS.

1  
E-002  
ELECTRICAL DEMOLITION SITE PLAN  
SCALE: 1"=40'



REVISION NO.	SYM.	DESCRIPTION	SHT. OF	DATE	APPROVED
STATE OF HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES ENGINEERING DIVISION <b>HAPUNA BEACH STATE RECREATION AREA PHASE 3 PARK IMPROVEMENTS AND REPAIRS</b> <b>ELECTRICAL DEMOLITION SITE PLAN</b>					
DESIGNED: KH		SUBMITTED: INSYNERGY ENG. INC.			
DRAWN: ISE		DATE: APRIL 2016			
CHECKED: GM		SCALE: AS-NOTED			
APPROVED: <i>Garet A. Masuda</i>		SIGNATURE		DRAWING NO.	
EXPIRATION DATE OF LICENSE: APRIL 30, 2018		CHIEF ENGINEER		MAY - 3 2016 DATE	
				<b>E-002</b>	



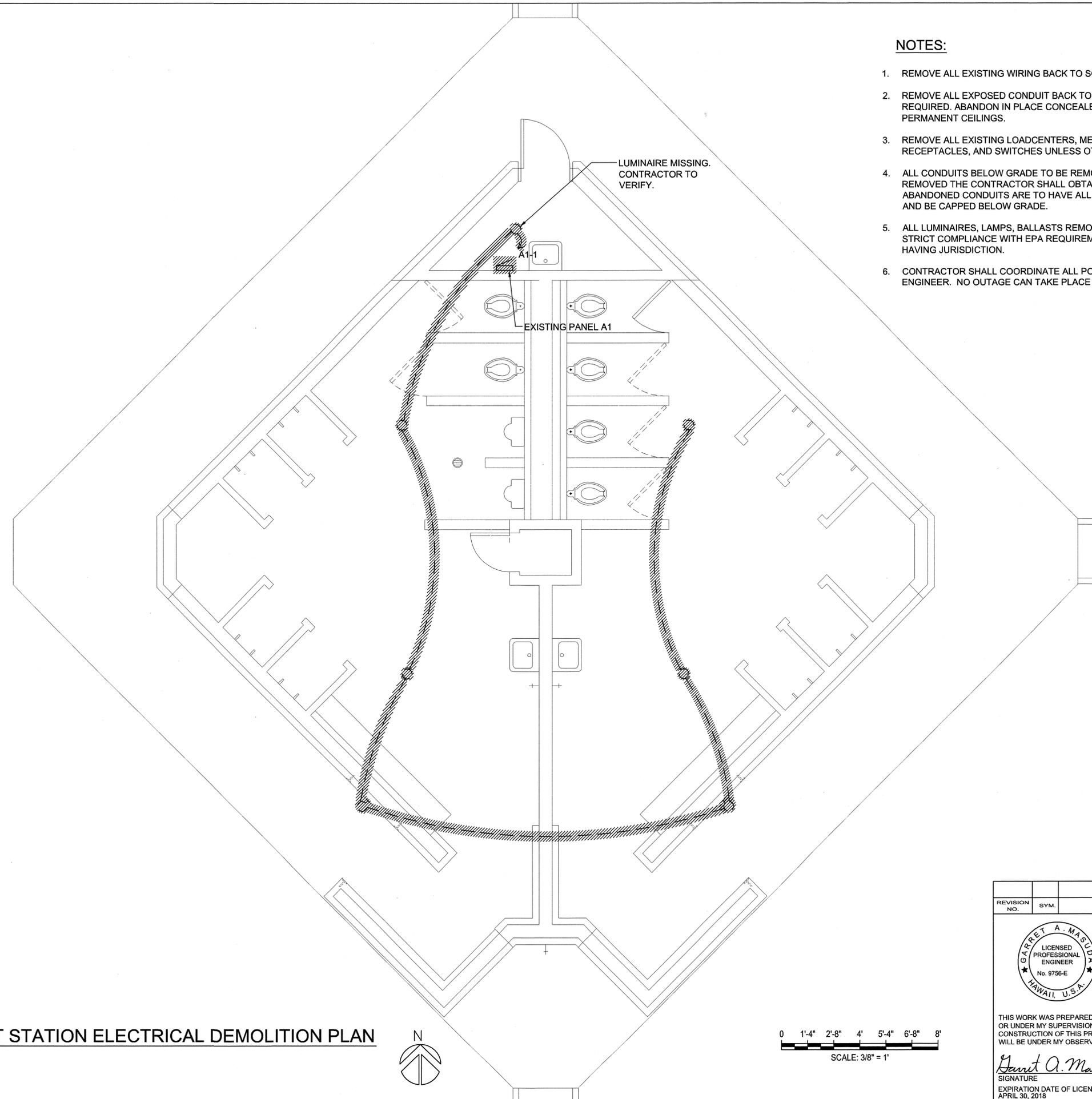
**NOTES:**

1. REMOVE ALL HATCHED WIRING BACK TO SOURCE NOT TO REMAIN IN SERVICE.
2. REMOVE ALL HATCHED EXPOSED CONDUIT BACK TO THEIR SOURCE, IF NO LONGER REQUIRED. ABANDON IN PLACE CONCEALED CONDUITS IN WALLS AND ABOVE PERMANENT CEILINGS.
3. REMOVE ALL HATCHED EXISTING LOADCENTERS, METERS, LIGHT FIXTURES, RECEPTACLES, AND SWITCHES UNLESS OTHERWISE NOTED.
4. ALL HATCHED CONDUITS BELOW GRADE TO BE REMOVED. IF CONDUITS CANNOT BE REMOVED THE CONTRACTOR SHALL OBTAIN APPROVAL FROM THE ENGINEER. ABANDONED CONDUITS ARE TO HAVE ALL WIRE AND PULL STRINGS REMOVED AND BE CAPPED BELOW GRADE.
5. ALL HATCHED LUMINAIRES, LAMPS, BALLASTS REMOVED SHALL BE DISPOSED OF IN STRICT COMPLIANCE WITH EPA REQUIREMENTS AND THE LOCAL AGENCY HAVING JURISDICTION.
6. CONTRACTOR SHALL COORDINATE ALL POWER OUTAGES WITH THE ENGINEER. NO OUTAGE CAN TAKE PLACE WITHOUT WRITTEN APPROVAL.

**1**  
E-003 **PARKING COMFORT STATION ELECTRICAL DEMOLITION PLAN**  
SCALE: 1/2" = 1'



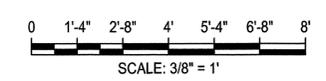
REVISION NO.	SYM.	DESCRIPTION	SHT. OF	DATE	APPROVED
		STATE OF HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES ENGINEERING DIVISION			
		HAPUNA BEACH STATE RECREATION AREA PHASE 3 PARK IMPROVEMENTS AND REPAIRS			
		PARKING COMFORT STATION ELECTRICAL DEMOLITION PLAN			
		DESIGNED: KH		SUBMITTED: INSYNERGY ENG. INC.	
		DRAWN: ISE		DATE: APRIL 2016	
		CHECKED: GM		SCALE: AS-NOTED	
		APPROVED: <i>Garret A. Masuda</i> SIGNATURE		MAY - 3 2016 DATE	
		EXPIRATION DATE OF LICENSE: APRIL 30, 2018		DRAWING NO. <b>E-003</b>	
		CHIEF ENGINEER			



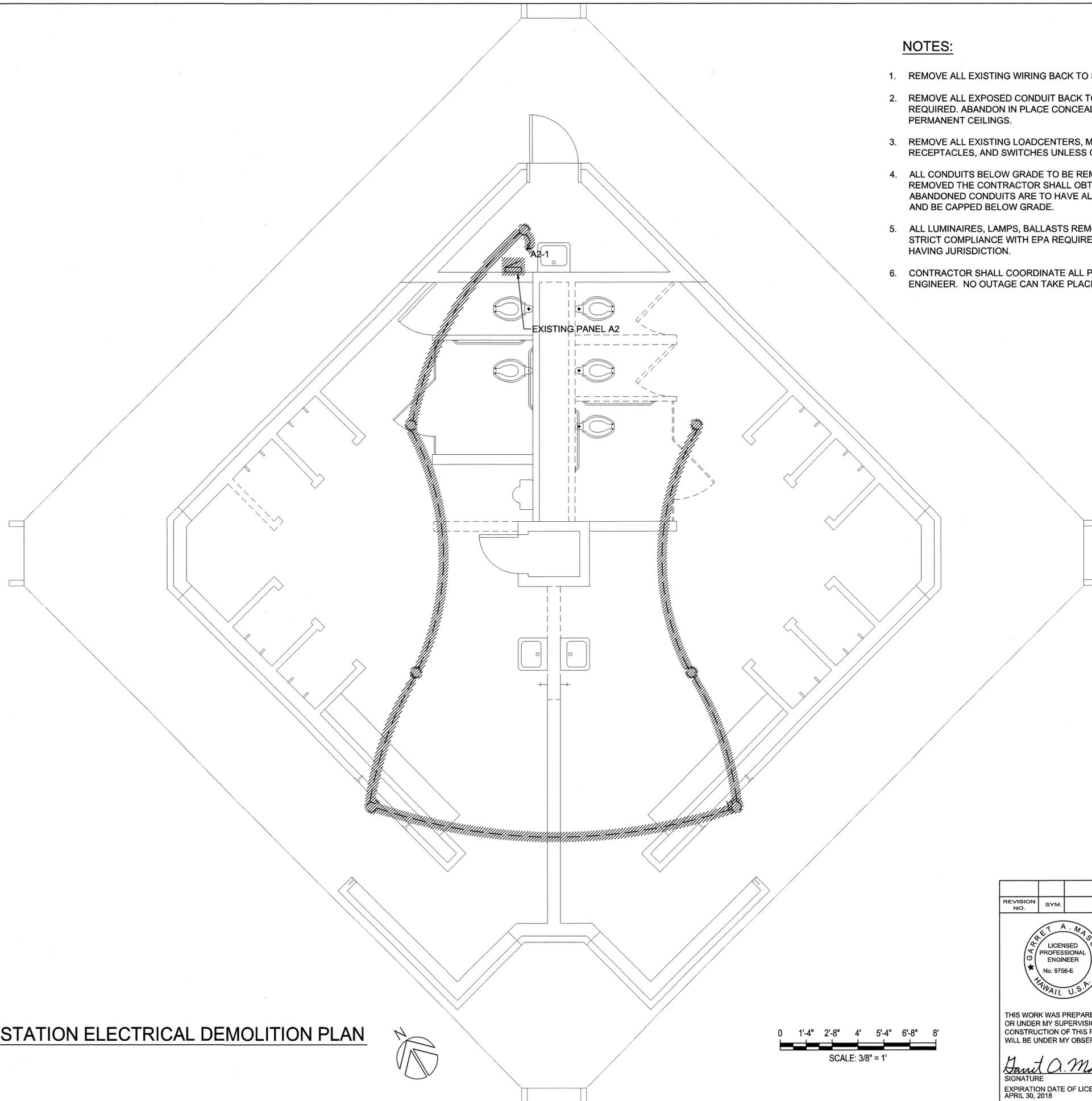
**NOTES:**

1. REMOVE ALL EXISTING WIRING BACK TO SOURCE NOT TO REMAIN IN SERVICE.
2. REMOVE ALL EXPOSED CONDUIT BACK TO THEIR SOURCE, IF NO LONGER REQUIRED. ABANDON IN PLACE CONCEALED CONDUITS IN WALLS AND ABOVE PERMANENT CEILINGS.
3. REMOVE ALL EXISTING LOADCENTERS, METERS, LIGHT FIXTURES, RECEPTACLES, AND SWITCHES UNLESS OTHERWISE NOTED.
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5. ALL LUMINAIRES, LAMPS, BALLASTS REMOVED SHALL BE DISPOSED OF IN STRICT COMPLIANCE WITH EPA REQUIREMENTS AND THE LOCAL AGENCY HAVING JURISDICTION.
6. CONTRACTOR SHALL COORDINATE ALL POWER OUTAGES WITH THE ENGINEER. NO OUTAGE CAN TAKE PLACE WITHOUT WRITTEN APPROVAL.

1  
E-004 NORTH COMFORT STATION ELECTRICAL DEMOLITION PLAN  
SCALE: 3/8" = 1'



REVISION NO.	SYM.	DESCRIPTION	SHT. OF	DATE	APPROVED
STATE OF HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES ENGINEERING DIVISION HAPUNA BEACH STATE RECREATION AREA PHASE 3 PARK IMPROVEMENTS AND REPAIRS NORTH COMFORT STATION ELECTRICAL DEMOLITION PLAN					
		THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION. SIGNATURE: <i>Garrett A. Masuda</i> EXPIRATION DATE OF LICENSE: APRIL 30, 2018			
DESIGNED: KH	SUBMITTED: INSYNERGY ENG. INC.				
DRAWN: ISE	DATE: APRIL 2016				
CHECKED: GM	SCALE: AS-NOTED				
APPROVED: <i>[Signature]</i>	DATE: MAY - 3 2016	DRAWING NO. E-004			
CHIEF ENGINEER					



**NOTES:**

1. REMOVE ALL EXISTING WIRING BACK TO SOURCE NOT TO REMAIN IN SERVICE.
2. REMOVE ALL EXPOSED CONDUIT BACK TO THEIR SOURCE, IF NO LONGER REQUIRED. ABANDON IN PLACE CONCEALED CONDUITS IN WALLS AND ABOVE PERMANENT CEILINGS.
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5. ALL LUMINAIRES, LAMPS, BALLASTS REMOVED SHALL BE DISPOSED OF IN STRICT COMPLIANCE WITH EPA REQUIREMENTS AND THE LOCAL AGENCY HAVING JURISDICTION.
6. CONTRACTOR SHALL COORDINATE ALL POWER OUTAGES WITH THE ENGINEER. NO OUTAGE CAN TAKE PLACE WITHOUT WRITTEN APPROVAL.

**1**  
E-005 **SOUTH COMFORT STATION ELECTRICAL DEMOLITION PLAN**  
SCALE: 3/8" = 1'



REVISION NO.	SYM.	DESCRIPTION	SHT. OF	DATE	APPROVED
STATE OF HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES ENGINEERING DIVISION					
HAPUNA BEACH STATE RECREATION AREA PHASE 3 PARK IMPROVEMENTS AND REPAIRS					
SOUTH COMFORT STATION ELECTRICAL DEMOLITION PLAN					
		DESIGNED: KH	SUBMITTED: INSYNERGY ENG. INC.		
		DRAWN: ISE	DATE: APRIL 2016		
		CHECKED: GM	SCALE: AS-NOTED		
		APPROVED: <i>Garrett A. Masuda</i> SIGNATURE EXPIRATION DATE OF LICENSE: APRIL 30, 2018		CHIEF ENGINEER: <i>GM</i> DATE: MAY - 3 2016	