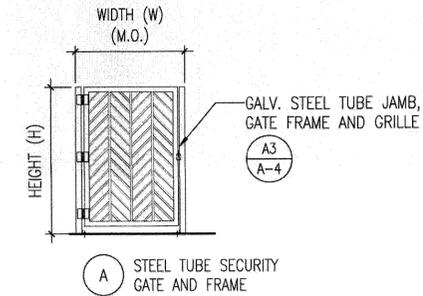


DOOR SCHEDULE

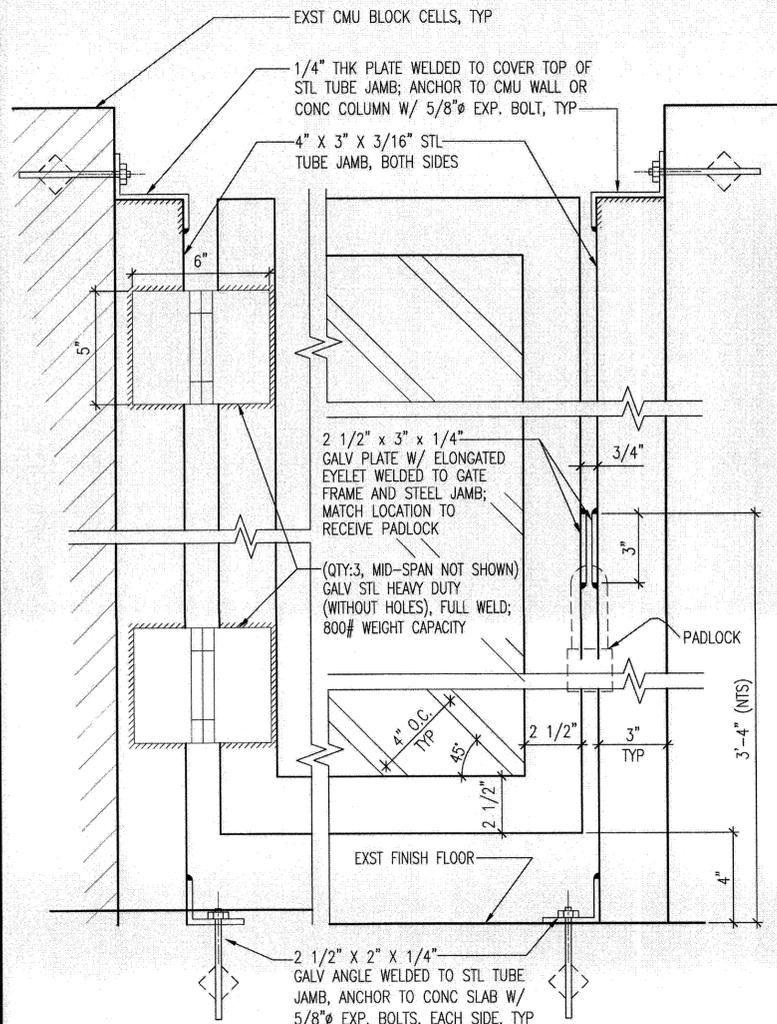
DOOR NO.	TYPE	DOOR			MATERIAL	FINISH	GLAZING	FRAME		REMARKS
		WIDTH (M.O.)	HEIGHT	THICKNESS				MATERIAL	FINISH	
K101	A	±4'-9 1/2"	6'-4"	--	STEEL	PAINT	--	STEEL	PAINT	SEE NOTE 1 THRU 6
K102	A	±4'-8"	6'-4"	--	STEEL	PAINT	--	STEEL	PAINT	SEE NOTE 1 THRU 6

DOOR TYPES

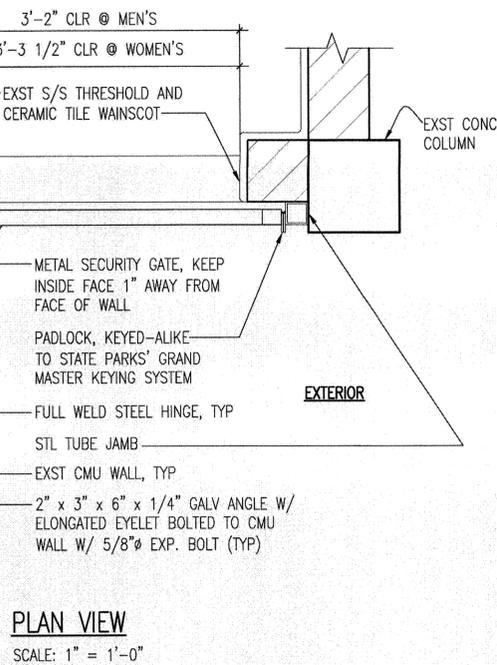
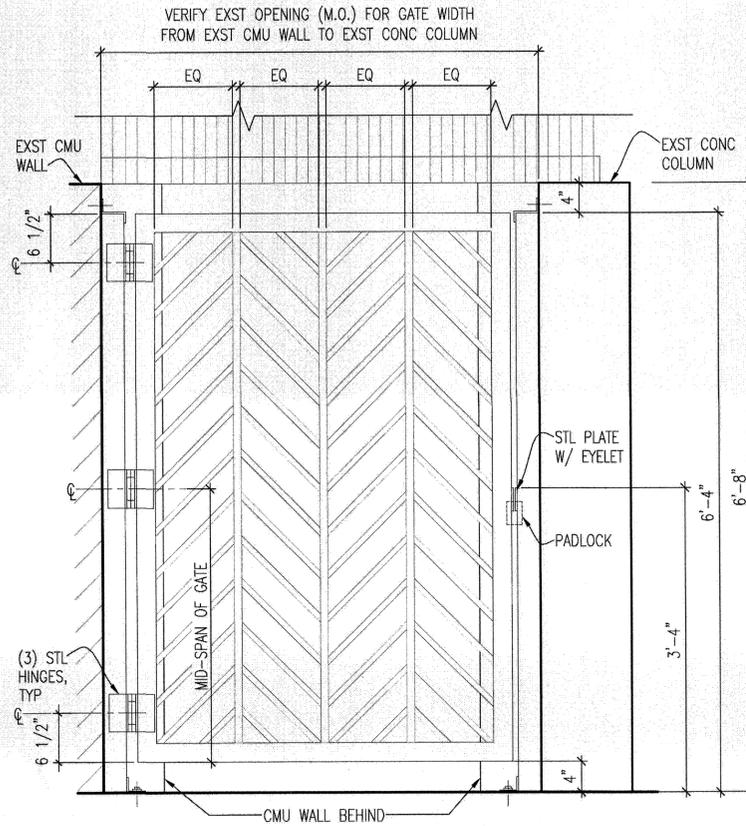


NOTE:

- SEE ALSO ELEVATIONS FOR FINISHES.
- CONTRACTOR TO VERIFY ROUGH OPENING AND DETERMINE ACTUAL GATE SIZE.
- HOT-DIP GALVANIZE ENTIRE GATE ASSEMBLY AFTER FABRICATION IS COMPLETE.
- IF ANY PORTION OF THE GALVANIZED COATING IS DAMAGED DURING SHIPPING AND/OR INSTALLATION, RE-GALVANIZING IN ACCORDANCE WITH "SPECIFICATION SECTION 05500 METAL FABRICATION" IS TO BE PERFORMED AT NO ADDITIONAL COST TO THE STATE.
- THE USE OF PRODUCT NAME AND MODEL, IS TO DESIGNATE AND ESTABLISH A STANDARD OF QUALITY AND FUNCTION. IT IS NOT INTENDED TO IMPLY THAT PRODUCT NAMED ARE REQUIRED TO BE USED OR TO THE EXCLUSION OF EQUIVALENT OR BETTER PRODUCTS OF OTHER MANUFACTURERS.
 - PADLOCK DESIGN IS BASED ON SARGENT SC-8584C OR APPROVED EQUAL.
 - LOCK SHALL BE A NON KEY RETAINING (KEY CAN BE REMOVED WHILE UNLOCKED AND RELOCKED WITHOUT KEY), 6 PIN CYLINDER.
 - SHACKLE SHALL BE STAINLESS STEEL AT 4-INCH IN HEIGHT AND LOCKS BY DUAL BALL BEARING.
 - CASE OF PADLOCK SHALL BE SATIN BRASS, SOLID ONE PIECE CONSTRUCTION.
 - PADLOCK SHALL BE EQUIPPED WITH 9-INCH LONG CHAIN ATTACHED TO SHACKLE.
 - HINGE DESIGN IS BASED ON STANLEY DOUBLE WEIGHT DETENTION HINGES BB855.
- EXISTING MASTER KEYING SYSTEM IS SCHLAGE. CYLINDERS AND CORES SHALL HAVE 6 PIN TUMBLERS UNLESS SCHEDULED OTHERWISE. ALL LOCKS SHALL BE AN EXTENSION OF THIS EXISTING KEYING SYSTEM. ALL WORK, WHETHER NEW OR MODIFICATION TO EXISTING TO REMAIN, SHALL BE IN COMPLIANCE WITH THESE KEYING SYSTEM REQUIREMENTS.



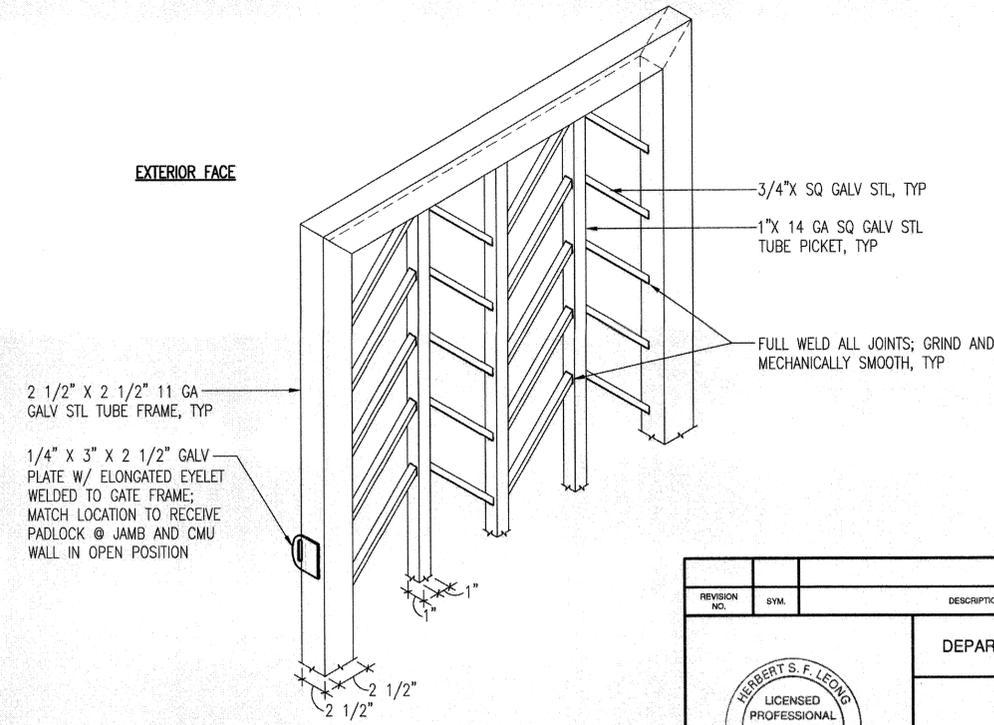
ENLARGED ELEVATION
(NTS)



GATE IN OPEN POSITION
SCALE: 3" = 1'-0"

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

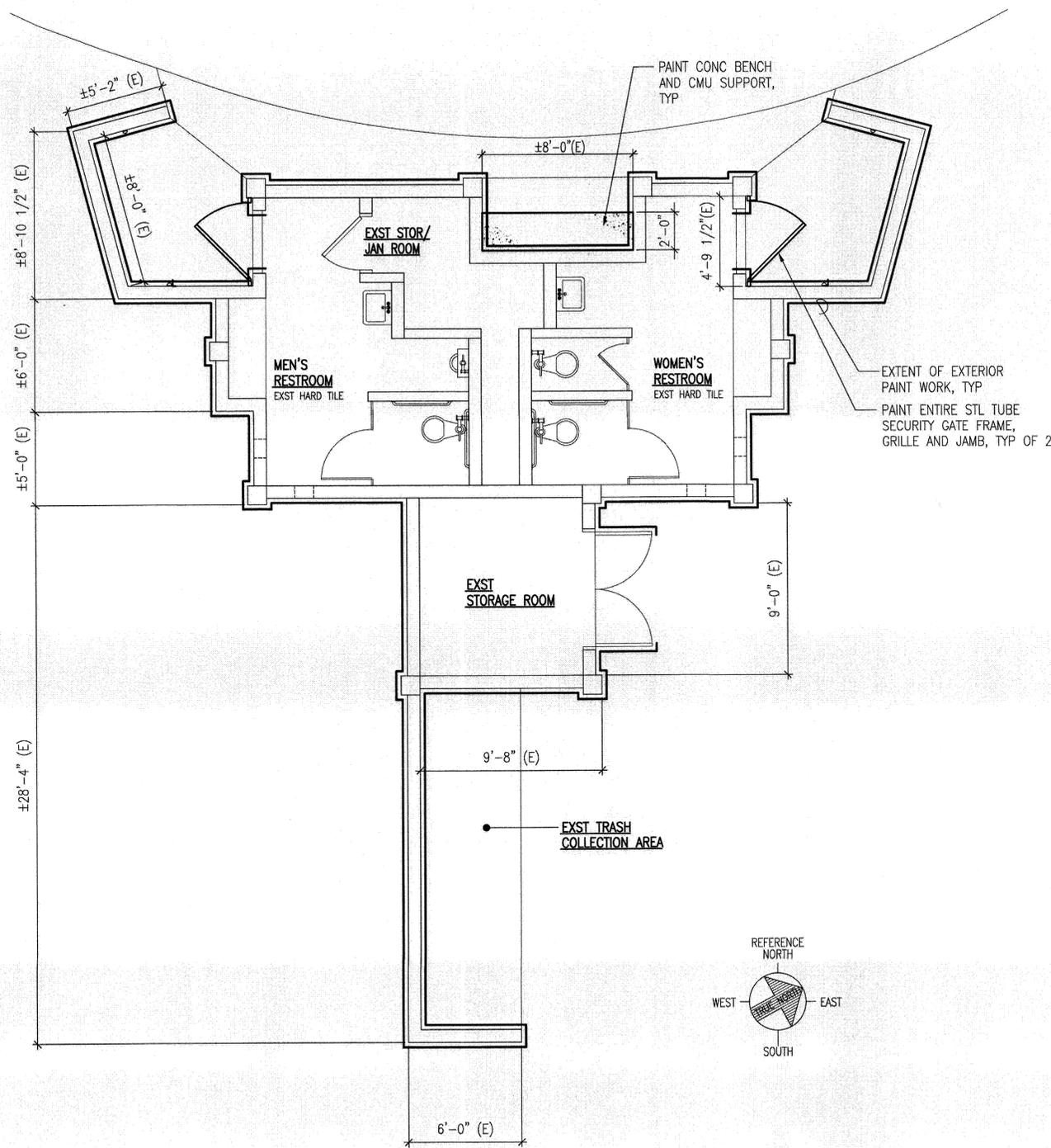
EXTERIOR FACE



GATE GRILLE AND FRAME
(NTS)

METAL SECURITY GATE DETAILS
SCALE: (AS NOTED)

REVISION NO.	SYM.	DESCRIPTION	SHT. OF	DATE	APPROVED
STATE OF HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES ENGINEERING DIVISION KEKAHA KAI STATE PARK KUA BAY IMPROVEMENTS COLOR AND MATERIAL INDEX, DOOR TYPES AND SCHEDULE, METAL GATE DETAILS					
		THE WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION APPROVED:			
DESIGNED: JN, ML	SUBMITTED:	DATE: APRIL 2016		DRAWING NO. A-4	
DRAWN: ML	CHECKED: HL	SCALE: AS NOTED		CHIEF ENGINEER	
APPROVED:		APR 25 2016		DATE	



NOTE:
SEE ALSO REMAINDER OF DRAWINGS AND SPECIFICATIONS SECTION 09902 - REPAINTING FOR COMPLETE SCOPE OF PAINT WORK.

A3 COMFORT STATION EXTERIOR PAINT LIMITS
A-2 SCALE: 1/4" = 1'-0"

COLOR AND MATERIAL INDEX

SYMBOL	LOCATION/ DESCRIPTION	COLOR/ MATERIAL	MANUFACTURER	FINISH	REMARKS:
P-1	EXTERIOR CMU WALL AND CONCRETE COLUMNS; CONDUIT; MET FLASHING; STEEL GATE FRAME, GRILLE AND JAMB; CONCRETE BENCH	TUDOR BROWN, PM-24	BENJAMIN MOORE	SEMI-GLOSS	SEE NOTE 1 THRU 5
P-2	EXTERIOR EXPOSED ROOF FRAMING, 2X6 WD FASCIA, 2X2 WOOD PICKETS (ALL FACES), EXTERIOR DOOR AND FRAME	WISP OF MAUVE, 2098-60	BENJAMIN MOORE	SEMI-GLOSS	SEE NOTE 1 THRU 5
P-3	PICNIC TABLE WOOD SEAT, TABLETOP PLANKS AND FRAMING	BREWSTER GRAY, HC-162	BENJAMIN MOORE	SEMI-GLOSS	SEE NOTE 1 & 2

NOTES:

- BRAND NAMES, COLORS AND CODE NUMBERS ARE LISTED TO ESTABLISH A STANDARD AND NOT INTENDED TO LIMIT OTHER MANUFACTURERS. COLORS AND PRODUCTS OF OTHER MANUFACTURERS WITH COMPARABLE QUALITY, COLOR AND TEXTURE ARE ACCEPTABLE.
- SEE ALSO ELEVATIONS AND PICNIC TABLE DETAILS FOR FINISHES, SHEET A-3.
- PROVIDE FINISHES INDICATED THROUGHOUT THE ENTIRE EXTERIOR SURFACE OF EXST COMFORT STATION, UNLESS NOTED OTHERWISE.
- EXTERIOR WALL COLOR SHALL BE APPLIED TO ALL EXST CONDUIT/ PIPES @ EXTERIOR, UNLESS NOTED OTHERWISE.
- PATCH ALL DAMAGED EXST EXTERIOR CMU AND CONCRETE SURFACES PRIOR TO PAINTING WORK.

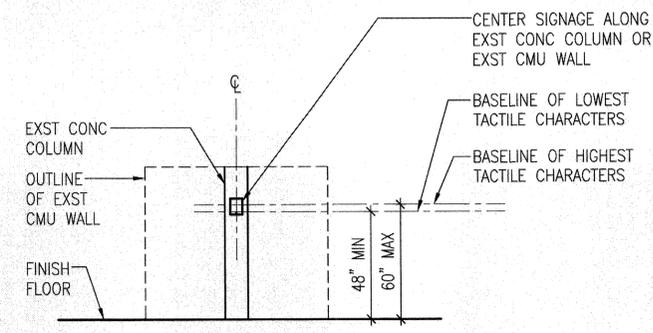
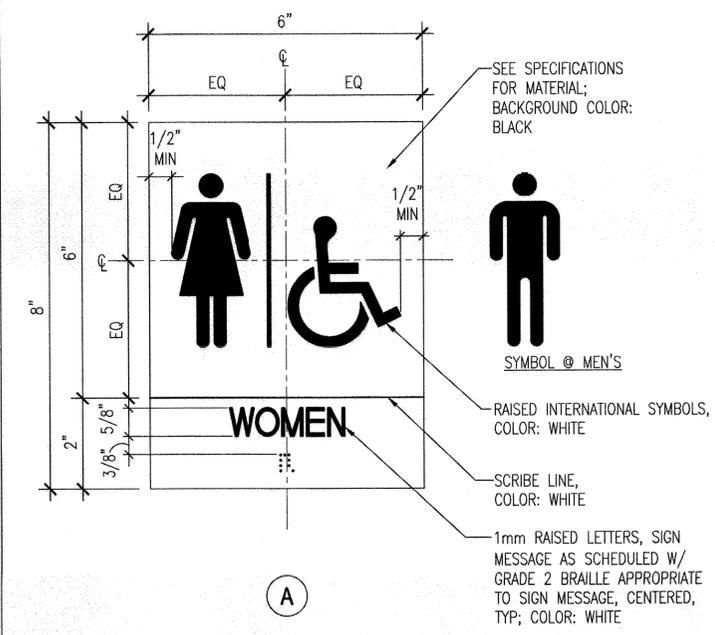
SIGNAGE SCHEDULE

SIGN NUMBER	SPACE / AREA	TYPE	MESSAGE
00			
01	MEN'S RESTROOM	A	MEN
02	WOMEN'S RESTROOM	A	WOMEN

NOTES:

- CONTRACTOR TO VERIFY SIGN MESSAGES, LOCATIONS AND ROOM NAMES WITH KEKAHA KAI STATE PARK PRIOR TO ORDERING SIGNS.
- CONTRACTOR SHALL VERIFY QUANTITIES OF SIGNS.
- ALL CHARACTERS SHALL BE UPPERCASE, SANS SERIF AND NON-ITALIC.
- SEE REMAINDER OF DRAWINGS FOR SIGN LOCATION AND SIGN MOUNTING HEIGHT DETAIL.
- SEE SPECIFICATIONS FOR SIGNAGE MATERIAL AND MOUNTING REQUIREMENTS.

SIGN TYPES



A3 SIGN MOUNTING HEIGHT
A-5 SCALE: 1/4" = 1'-0"

REVISION NO.	SYM.	DESCRIPTION	SHT. OF	DATE	APPROVED
STATE OF HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES ENGINEERING DIVISION KEKAHA KAI STATE PARK KUA BAY IMPROVEMENTS COLOR AND MATERIAL INDEX, DOOR TYPES AND SCHEDULE, METAL GATE DETAILS					
		THE WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION 			
DESIGNED: JN, ML		SUBMITTED:			
DRAWN: ML		DATE: APRIL 2016			
CHECKED: HL		SCALE: AS NOTED			
APPROVED:		APR 25 2016		DRAWING NO. A-5	
CHIEF ENGINEER		DATE			

PLUMBING LEGEND

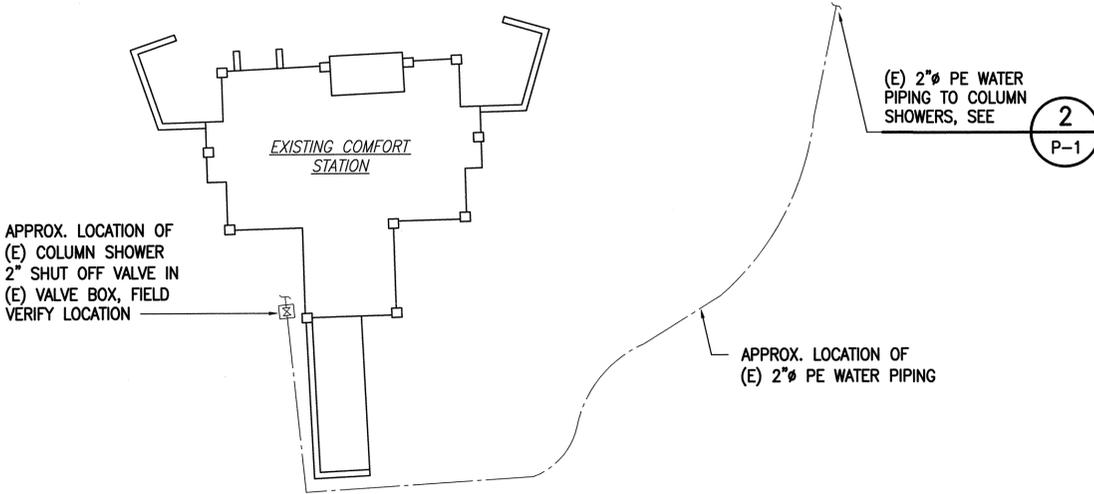
SYMBOLS	ABBR.	DESCRIPTION
—		EXISTING TO REMAIN
—		NEW PLUMBING WORK
	(E)	EXISTING
	(N)	NEW
////		EXISTING TO BE REMOVED
—	CW	COLD WATER
—	POC	POINT OF CONNECTION
—	PE	POLYETHYLENE

PLUMBING NOTES:

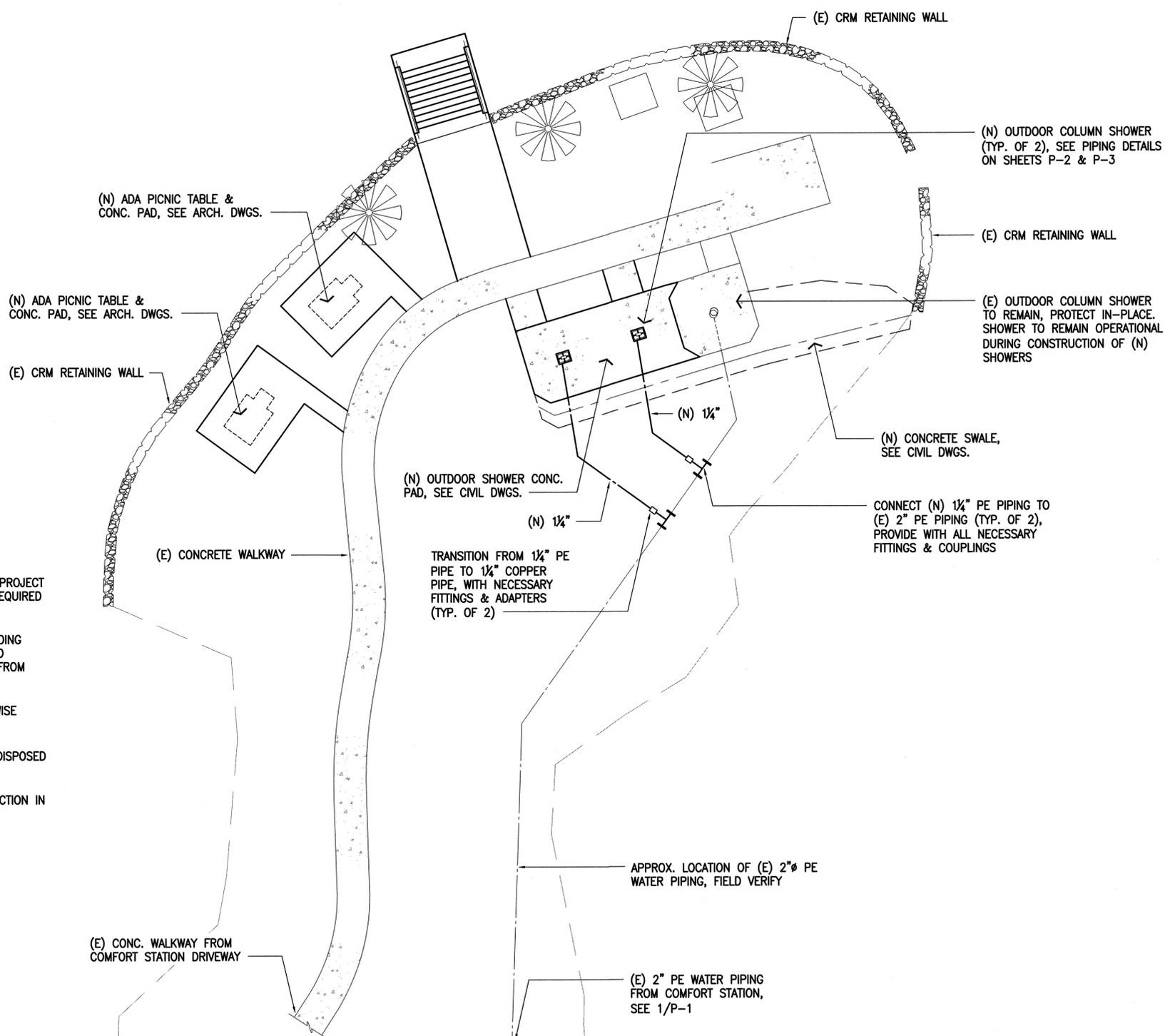
- VERIFY LOCATIONS, SIZES, AND INVERT ELEVATIONS OF ALL EXISTING WATER LINES PRIOR TO COMMENCEMENT OF ANY NEW PLUMBING WORK UNDER THIS CONTRACT.
- VERIFY THE PRESENCE AND LOCATION OF ALL EXISTING UTILITIES IN THE PROJECT AREA PRIOR TO THE CUTTING OF SLABS OR EXCAVATION OF TRENCHES. LOCATION OF EXISTING UNDERGROUND WATER LINES ARE BASED ON AVAILABLE REFERENCE DRAWINGS. EXISTING SEWER, ELECTRICAL, TELEPHONE, CONDUITS, AND WIRES ARE NOT SHOWN ON THE PLUMBING PLANS. CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR OR REPLACEMENT OF DAMAGED UTILITIES.
- COPPER LINES SHALL BE PROTECTED AGAINST ELECTROLYTIC ACTION WITH DIELECTRIC UNIONS AT CONNECTIONS TO DISSIMILAR METAL, OR WRAPPED WITH TWO LAYERS OF PLASTIC TAPE WHERE LINES CONTACT FERROUS METALS.
- PIPING SHALL BE INSPECTED INSIDE AND OUT FOR INTERIOR OBSTRUCTIONS AND BURRS BEFORE INSTALLATION.

GENERAL NOTES:

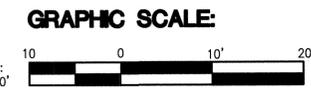
- THE ENTIRE INSTALLATION SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF THE COUNTY OF HAWAII'S BUILDING CODE (IBC 2006), PLUMBING CODE (UPC 2006), AND ALL AGENCIES HAVING JURISDICTION.
- DRAWINGS INDICATE THE GENERAL ARRANGEMENT AND SHALL BE FOLLOWED AS CLOSELY AS ACTUAL FIELD CONDITIONS PERMIT. REASONABLE MODIFICATIONS TO SUIT JOB CONDITIONS SHALL NOT CONSTITUTE A BASIS FOR ADDITIONAL COMPENSATION.
- PROMPTLY NOTIFY AND COORDINATE WITH THE ENGINEER ANY DISCREPANCIES OR MAJOR DEVIATIONS FROM THE PLANS DUE TO UNFORESEEN OR VARYING FIELD CONDITIONS WHICH PREVENT THE TERMS OF THE CONTRACT FROM BEING FULFILLED. COORDINATE THE WORK AMONG THE VARIOUS TRADES AS NECESSARY TO AVOID CONFLICTS AND TO ENSURE THE INSTALLATION OF WORK WITHIN THE AVAILABLE SPACE.
- OBTAIN AND PAY FOR ALL APPLICABLE PERMITS, FEES, CERTIFICATES, AND INSPECTIONS.
- VERIFY ALL CONDITIONS AND DIMENSIONS RELATING TO THE PROJECT BEFORE ORDERING MATERIALS, OR COMMENCING WITH THE REQUIRED WORK.
- FURNISH AND INSTALL ALL MATERIAL AND EQUIPMENT, INCLUDING CUTTING AND PATCHING, AS REQUIRED FOR A COMPLETE AND OPERATING SYSTEM. ALL MATERIALS SHALL BE NEW, FREE FROM DEFECTS, AND CONFORM TO CODE.
- ALL WORK INDICATED SHALL BE NEW WORK UNLESS OTHERWISE INDICATED "EXISTING".
- ALL WASTE MATERIALS SHALL BE PROMPTLY REMOVED AND DISPOSED OF AT AN OFF-SITE LOCATION.
- PROVIDE TEMPORARY ACCESSIBLE ROUTES AROUND CONSTRUCTION IN ACCORDANCE WITH "ADAAG 402".



1 PARTIAL PLUMBING PLAN – COMFORT STATION
SCALE: 1" = 10'



2 PARTIAL PLUMBING PLAN – COLUMN SHOWERS
SCALE: 1" = 10'



IF THIS SHEET IS LESS THAN 34"x22", IT IS A REDUCED PRINT. SCALE REDUCED ACCORDINGLY.

REVISION NO.	SYMBOL	DESCRIPTION	SHT. OF	DATE	APPROVED

TYSON T. TOYAMA
LICENSED PROFESSIONAL ENGINEER
10226-M
HAWAII, U.S.A.

STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
ENGINEERING DIVISION

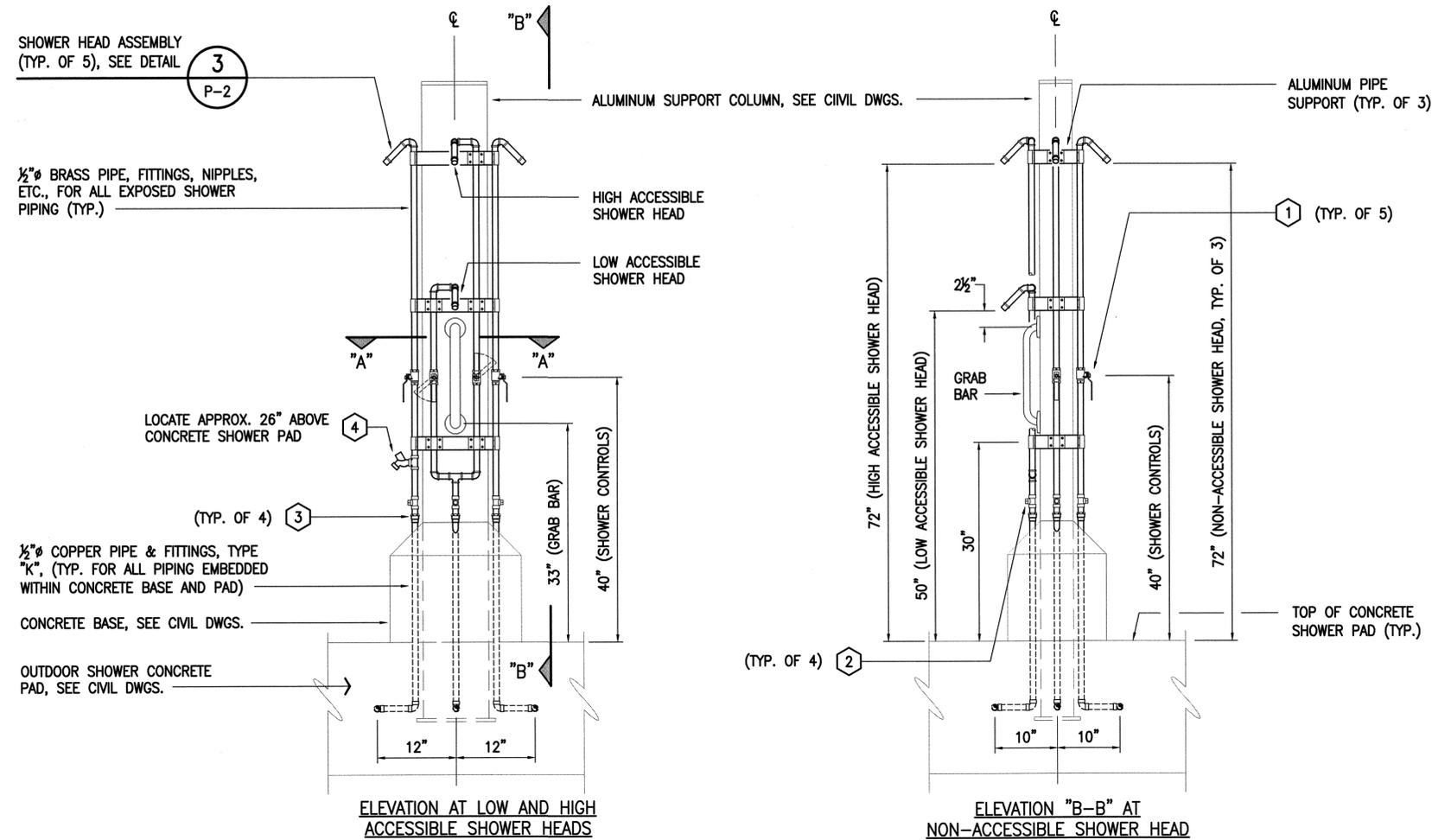
**KEKAHA KAI STATE PARK
KUA BAY IMPROVEMENTS**

PLUMBING LEGEND, NOTES, PARTIAL
PLUMBING SITE PLANS

DESIGNED: RDL	SUBMITTED: <i>sc vl</i>
DRAWN: RDL/LJS	DATE: APRIL 2016
CHECKED: TTT	SCALE: AS NOTED
APPROVED: <i>[Signature]</i>	DRAWING NO. P-1
CHIEF ENGINEER	DATE: APR 25 2016

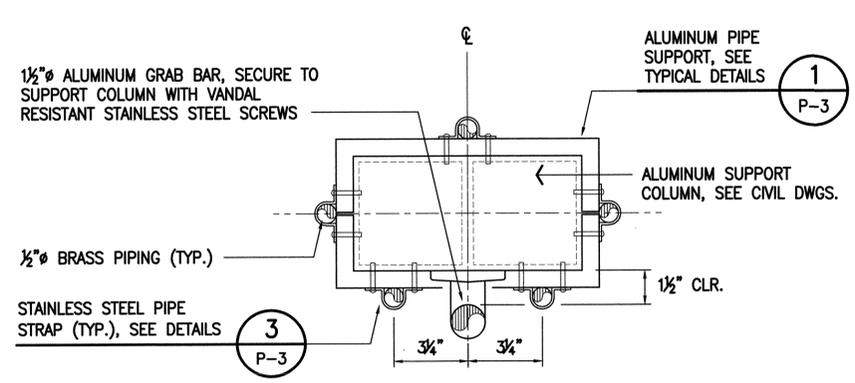
THE WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION

Expiration Date of License 4/30/18



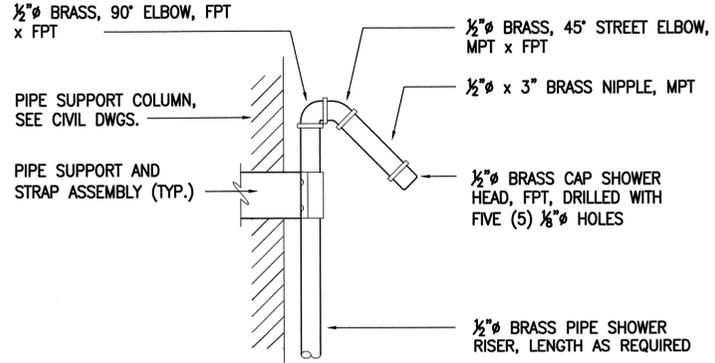
- PIPING CALLOUTS:**
- 1 SHOWER VALVE: BRASS, CHROME PLATED BALL VALVE, QUARTER TURN, 1/2" THREADED FEMALE INLET & OUTLET. PROVIDE WITH STAINLESS STEEL, ADAAG COMPLIANT HANDLE, REQUIRING 5 LBS. MAXIMUM OPERATION FORCE.
 - 2 STOP COCK: BRONZE, 1/2" THREADED FEMALE INLET & OUTLET, 150 PSI, SQUARE HEAD.
 - 3 PIPE TRANSITION COUPLING: 1/2" COUPLING, C x F, TERMINATE COPPER PIPING ABOVE CONCRETE BASE, CONNECT TO BRASS SHOWER PIPING.
 - 4 HOSE BIB: 1/2" MIP x 3/4" HOSE END, BRASS, WITH LOOSE SQUARE KEY AND NON-REMOVABLE VACUUM BREAKER.

1 OUTDOOR SHOWER PIPING ELEVATIONS
P-2 NOT TO SCALE



NOTE: THE STRUCTURAL STRENGTH OF THE GRAB BAR SHALL COMPLY WITH ADAAG 4.26.3. ALL ACCESSIBLE FEATURES SHALL COMPLY WITH ADAAG REQUIREMENTS.

2 SECTION "A-A"
P-2 NOT TO SCALE



NOTE: BRASS CAP SHOWER HEAD MAY INCLUDE MORE DRILLED HOLES FOR INCREASED SPRAY. TO BE DETERMINED BY OFFICER-IN-CHARGE.

3 SHOWER HEAD DETAIL
P-2 NOT TO SCALE

IF THIS SHEET IS LESS THAN 34"x22", IT IS A REDUCED PRINT. SCALE REDUCED ACCORDINGLY.

REVISION NO.	SYM.	DESCRIPTION	SHT. OF	DATE	APPROVED

TYSON T. TOYAMA
LICENSED PROFESSIONAL ENGINEER
10226-M
HAWAII, U.S.A.

STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
ENGINEERING DIVISION

KEKAHA KAI STATE PARK
KUA BAY IMPROVEMENTS

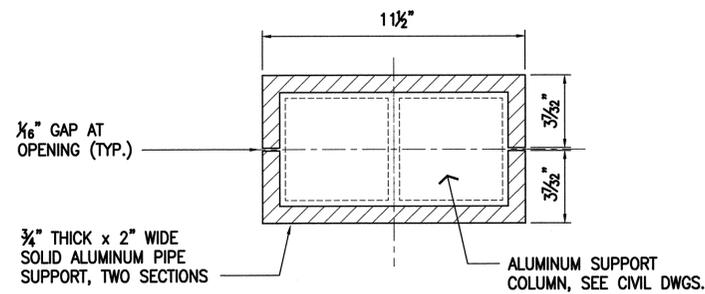
OUTDOOR SHOWER PIPING DETAILS

DESIGNED: RDL
DRAWN: RDL/LS
CHECKED: TTT

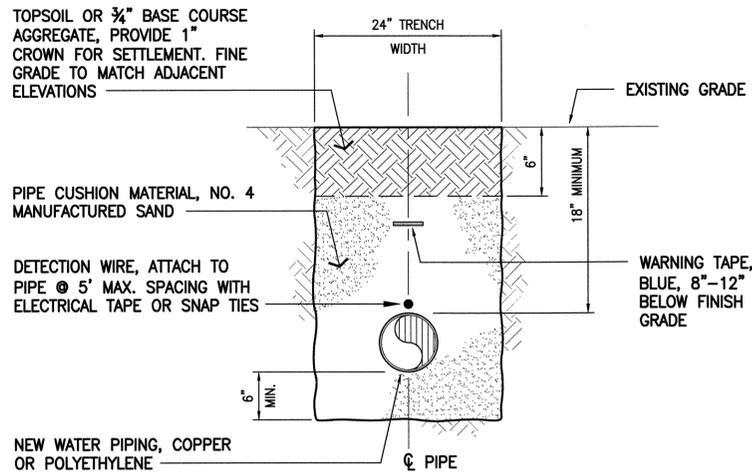
SUBMITTED: *RL*
DATE: APRIL 2016
SCALE: AS NOTED

APPROVED: *[Signature]*
CHIEF ENGINEER
Expiration Date of License 4/30/18

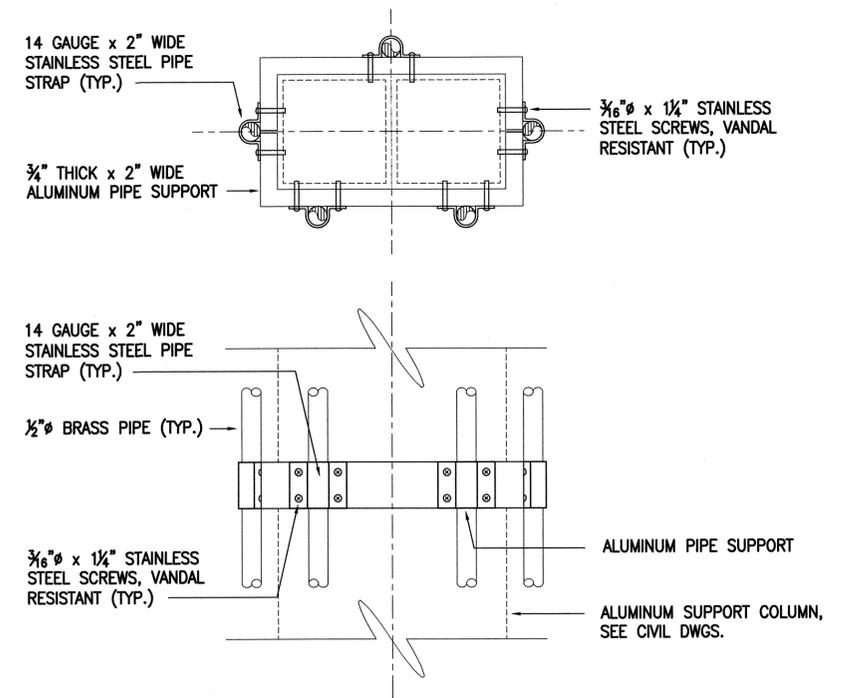
THE WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION	APR 25 2016	DRAWING NO. P-2
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1 PIPE SUPPORT DETAIL
P-3 NOT TO SCALE

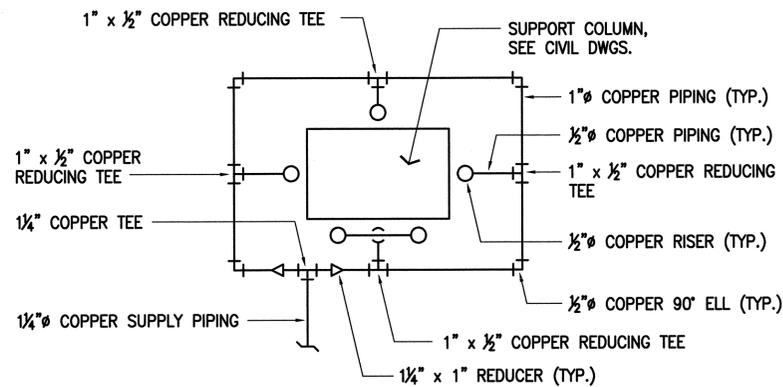


2 WATERLINE TRENCH DETAIL
P-3 NOT TO SCALE



- PIPE SUPPORT NOTES:**
1. FASTEN STAINLESS STEEL PIPE STRAPS TO ALUMINUM PIPE SUPPORT WITH $\frac{3}{16}$ " ϕ x $1\frac{1}{4}$ " STAINLESS STEEL VANDAL RESISTANT SCREWS (4 PER STRAP).
 2. PRE-FABRICATED PIPE SUPPORT AND STRAPS MAY NOT BE READILY AVAILABLE, AS SUCH, THE CONTRACTOR, AT HIS DISCRETION, MAY FABRICATE THE SUPPORTS AND STRAPS HIMSELF.

3 PIPE STRAP DETAILS
P-3 NOT TO SCALE



4 SCHEMATIC PIPING PLAN AT COLUMN SHOWER
P-3 NOT TO SCALE

IF THIS SHEET IS LESS THAN 34"x22", IT IS A REDUCED PRINT. SCALE REDUCED ACCORDINGLY.

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STATE OF HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES ENGINEERING DIVISION KEKAHA KAI STATE PARK KUA BAY IMPROVEMENTS DETAILS					
		THE WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION. <i>Tyson T. Toyama</i> Expiration Date of License 4/30/18 CHIEF ENGINEER			
DESIGNED:	RDL	SUBMITTED:	<i>RD</i>		
DRAWN:	RDL/LS	DATE:	APRIL 2016		
CHECKED:	TTT	SCALE:	AS NOTED		
APPROVED:	<i>[Signature]</i>	DATE:	APR 25 2016		
P-3		DRAWING NO.			