

Exp: 4/30/18

TOBY T. HANZAWA
 LICENSED PROFESSIONAL ENGINEER
 No. 14526-C
 HAWAII, U.S.A.

Toby T. Hanzawa

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION. (OBSERVATION OF CONSTRUCTION AS DEFINED IN SECTION 10-115-2 OF THE STATE OF HAWAII, DEPARTMENT OF COMMERCE AND CONSUMER AFFAIRS, HAWAII ADMINISTRATIVE RULES FOR PROFESSIONAL ENGINEERS, ARCHITECTS, SURVEYORS, AND LANDSCAPE ARCHITECTS 8/29/94).

Exp: 4/30/18

MICHAEL H. NOJIMA
 LICENSED PROFESSIONAL ENGINEER
 No. 5632-C
 HAWAII, U.S.A.

Michael H. Nojima

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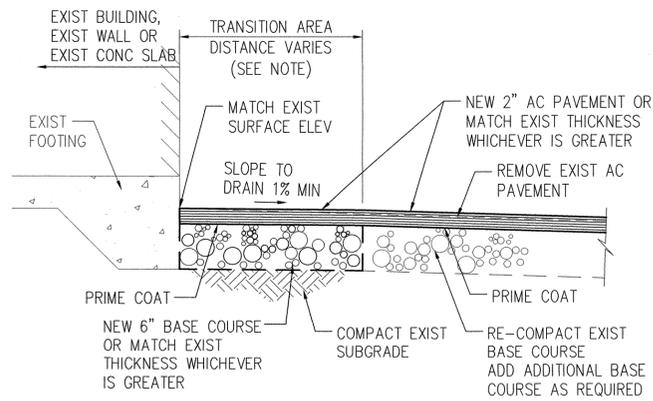
REVISION NO.	SYM.	DESCRIPTION	SHT./OF	DATE	APPROVED

STATE OF HAWAII
 DEPARTMENT OF LAND AND NATURAL RESOURCES
 ENGINEERING DIVISION

HAPUNA BEACH STATE RECREATION AREA PHASE 3 PARK IMPROVEMENTS AND REPAIRS

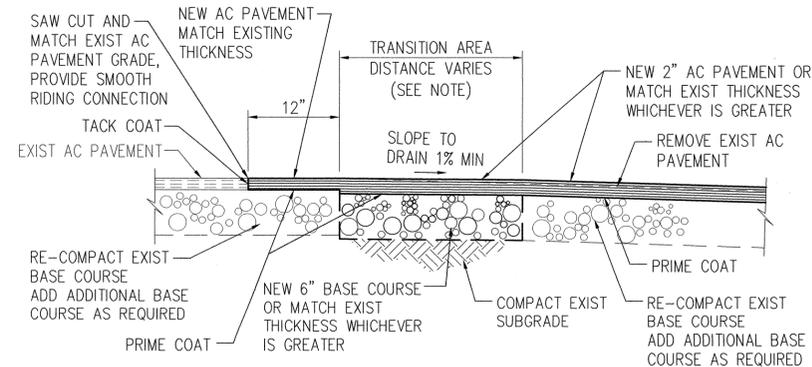
WALKWAY PROFILES - 2

DESIGNED: TH	SUBMITTED: ✓
DRAWN: GF	DATE: APRIL 2016
CHECKED: MN	SCALE: AS SHOWN
APPROVED: <i>[Signature]</i>	DRAWING NO. C-18
CHIEF ENGINEER	DATE: MAY - 3 2016



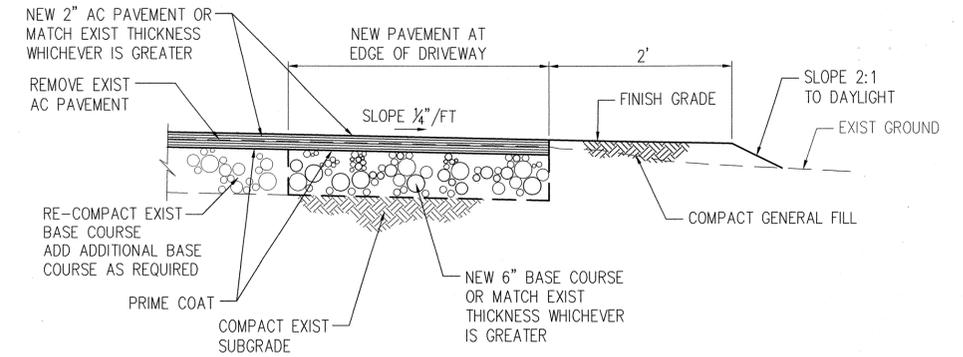
- NOTES: 1. CONTRACTOR TO CONSTRUCT TRANSITION TO PROVIDE A 1% MIN SLOPE AWAY FROM EXIST IMPROVEMENTS.
 2. NEW BASE COURSE AT THIS LOCATION SHALL NOT BE PAID DIRECTLY BUT SHALL BE CONSIDERED INCIDENTAL AND INCLUDED IN THE UNIT PRICE BID FOR ASPHALT CONCRETE PAVEMENT.

1 AC TRANSITION AT VARIOUS LOCATIONS
 C-19 NOT TO SCALE

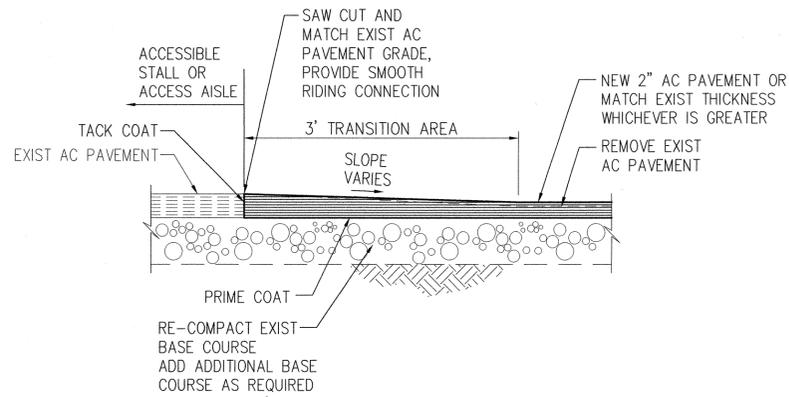


- NOTES: 1. CONTRACTOR TO CONSTRUCT TRANSITION TO PROVIDE 1% MIN SLOPE AWAY FROM EXIST PAVEMENT.
 2. NEW BASE COURSE AT THIS LOCATION SHALL NOT BE PAID DIRECTLY BUT SHALL BE CONSIDERED INCIDENTAL AND INCLUDED IN THE UNIT PRICE BID FOR ASPHALT CONCRETE PAVEMENT.

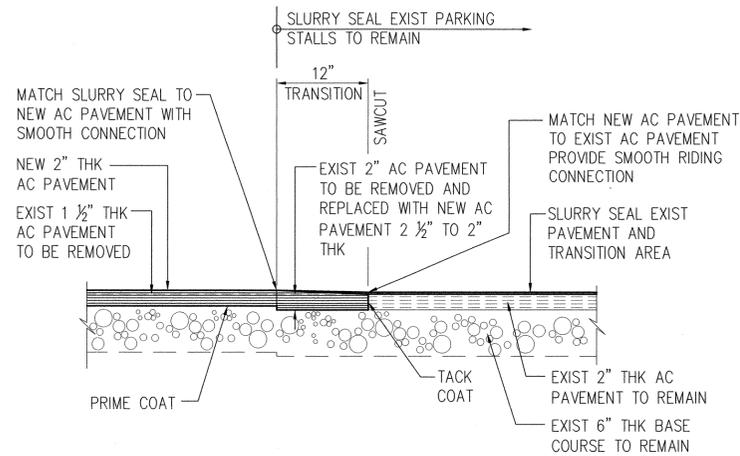
2 AC TRANSITION AT PAVEMENT CONNECTION
 C-19 NOT TO SCALE



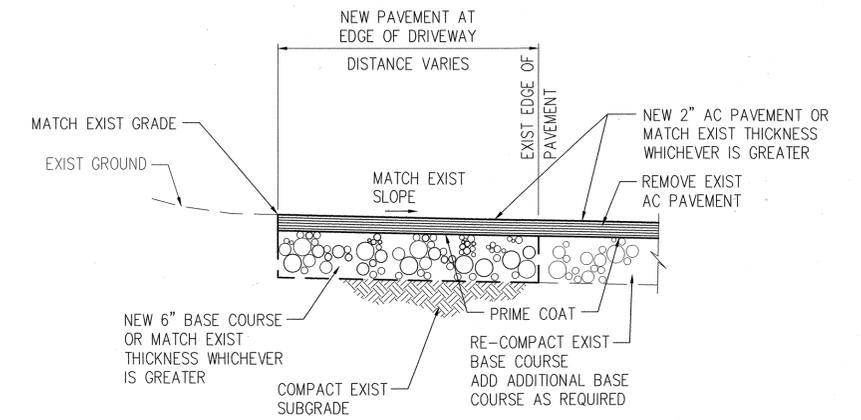
3 EDGE OF DRIVEWAY REPAIR - 1
 C-19 NOT TO SCALE



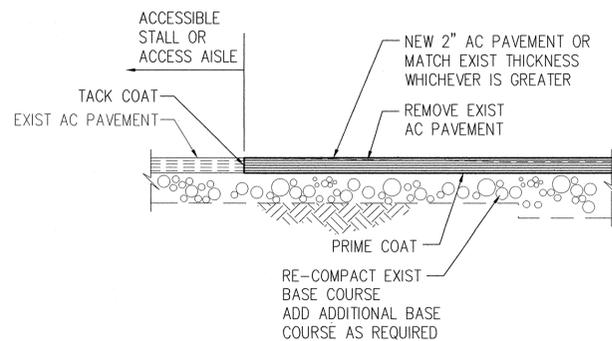
4 AC TRANSITION AT ACCESSIBLE PARKING AREA
 C-19 NOT TO SCALE



5 AC TRANSITION AT REPAIRED PARKING AREA
 C-19 NOT TO SCALE



6 EDGE OF DRIVEWAY REPAIR - 2
 C-19 NOT TO SCALE

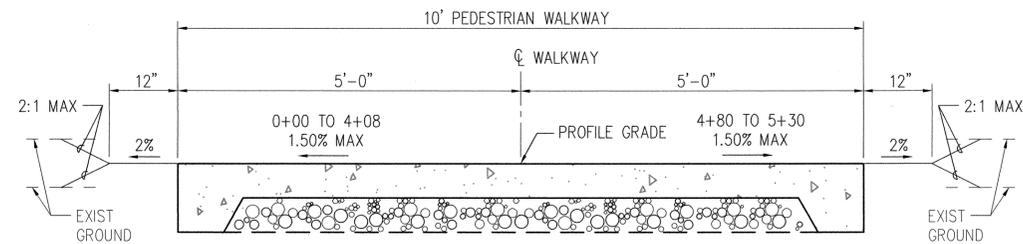


7 AC CONNECTION AT ACCESSIBLE PARKING AREA
 C-19 NOT TO SCALE

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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					
MISCELLANEOUS DETAILS - 1					
DESIGNED: TH	SUBMITTED: <input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		
DRAWN: JG	DATE: APRIL 2016				
CHECKED: MN	SCALE: AS SHOWN				
APPROVED:	DATE: MAY - 3 2016		DRAWING NO.		
<i>[Signature]</i>	DATE		C-19		

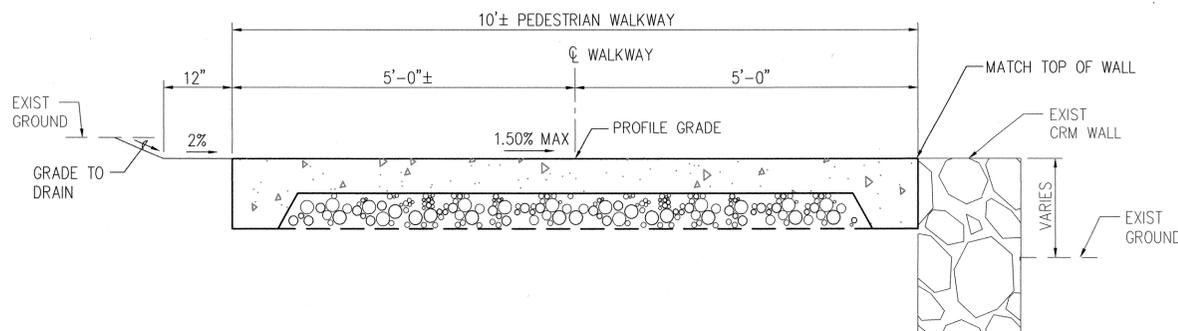
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 No. 14526-C
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[Signature]

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MICHAEL H. NOJIMA
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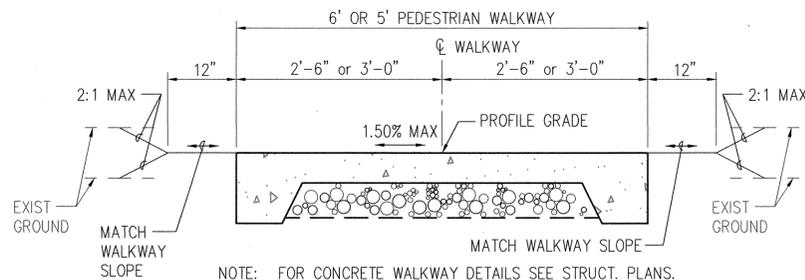
NOTES:
 1. FOR CONCRETE WALKWAY DETAILS SEE STRUCT. PLANS.
 2. FROM STA 4+08 TO STA 4+80 TRANSITION CROSS SLOPE FROM 1.50% TO (-)1.50%.

1 CONCRETE WALKWAY DETAIL - 1
 C-20 NOT TO SCALE



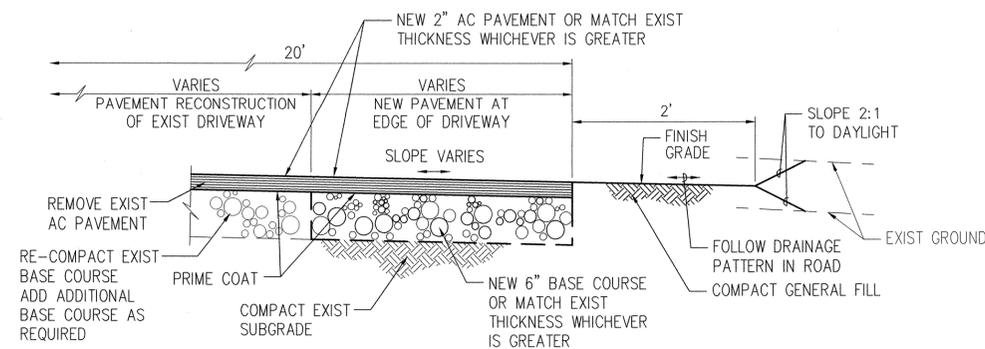
NOTE: FOR CONCRETE WALKWAY DETAILS SEE STRUCT. PLANS.

4 CONCRETE WALKWAY DETAIL - 2
 C-20 NOT TO SCALE

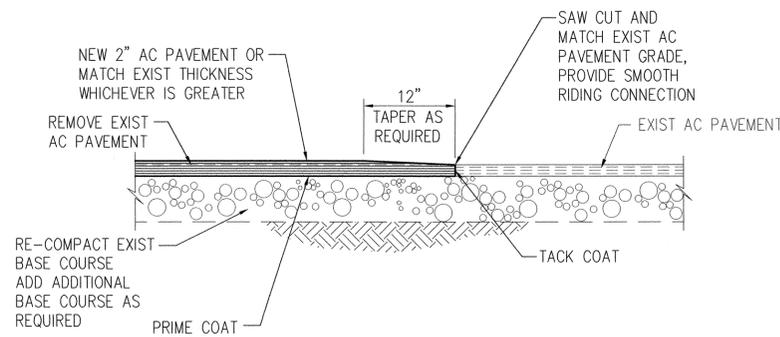


NOTE: FOR CONCRETE WALKWAY DETAILS SEE STRUCT. PLANS.

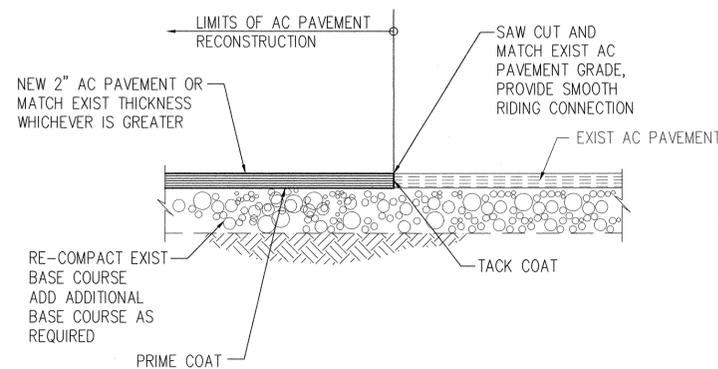
7 CONCRETE WALKWAY DETAIL - 3
 C-20 NOT TO SCALE



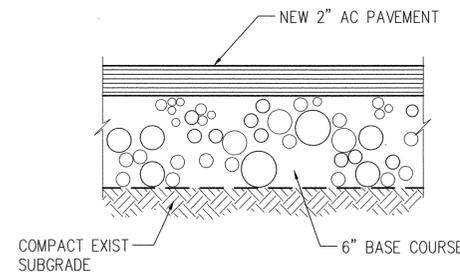
10 EDGE OF DRIVEWAY REPAIR - 3
 C-20 NOT TO SCALE



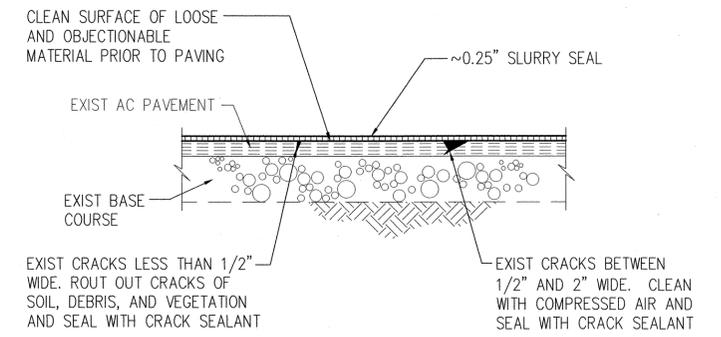
2 AC PAVEMENT CONNECTION DETAIL - 1
 C-20 NOT TO SCALE



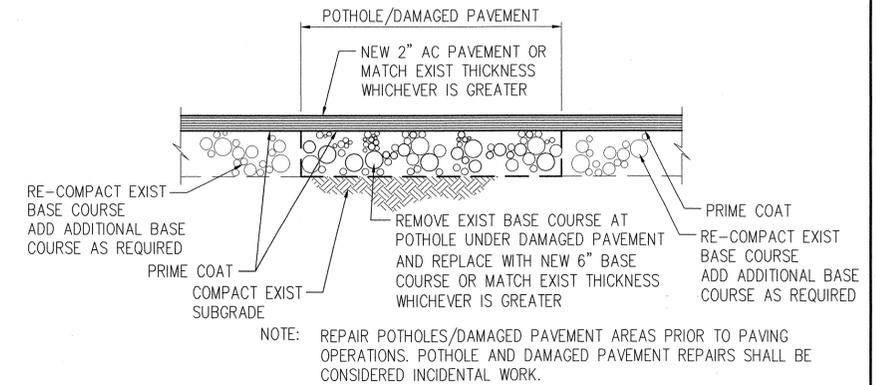
5 AC PAVEMENT CONNECTION DETAIL - 2
 C-20 NOT TO SCALE



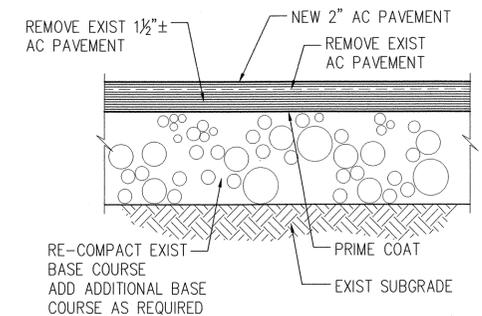
8 AC PAVEMENT DETAIL
 C-20 NOT TO SCALE



3 SLURRY SEAL DETAIL
 C-20 NOT TO SCALE



6 POTHOLE REPAIR AND PAVEMENT REPAIR DETAIL
 C-20 NOT TO SCALE



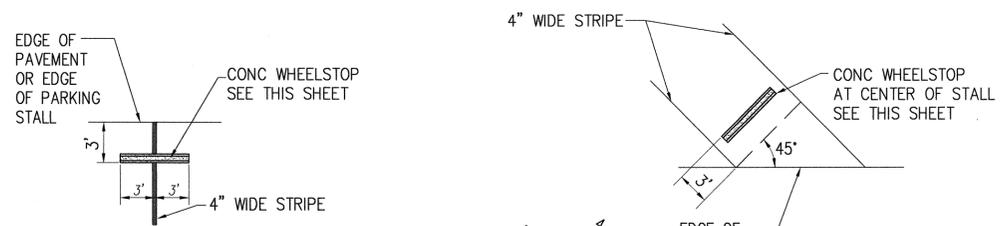
9 AC PAVEMENT RECONSTRUCTION
 C-20 NOT TO SCALE

NOTE:
 1. SALVAGE AND RE-USE EXISTING BASE COURSE AND/OR IMPORT NEW BASE COURSE, COMPACT TO MINIMUM 95% MAXIMUM DENSITY IN ACCORDANCE TO ASTM D1557.

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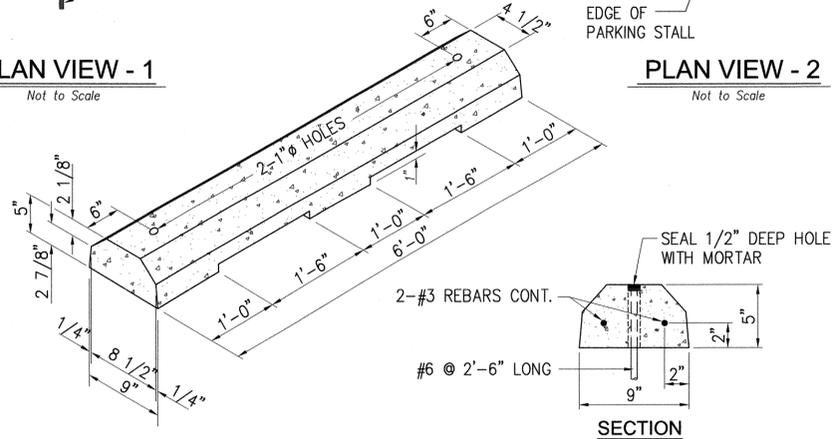
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MISCELLANEOUS DETAILS - 2					
DESIGNED: TH	SUBMITTED: <i>[Signature]</i>				
DRAWN: JG	DATE: APRIL 2016				
CHECKED: MN	SCALE: AS SHOWN				
APPROVED: <i>[Signature]</i>	MAY - 3 2016		DRAWING NO. C-20		
CHIEF ENGINEER		DATE			



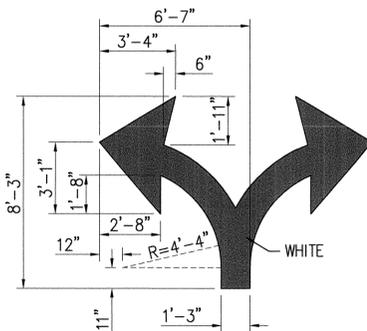
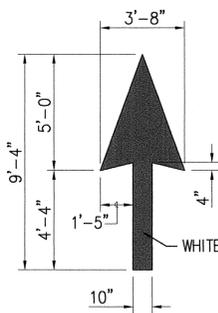
PLAN VIEW - 1

PLAN VIEW - 2

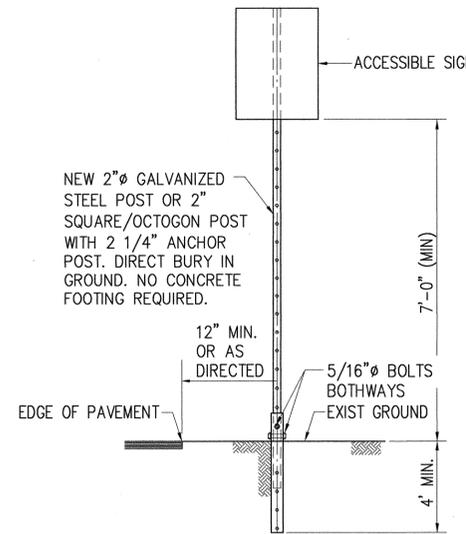


SECTION

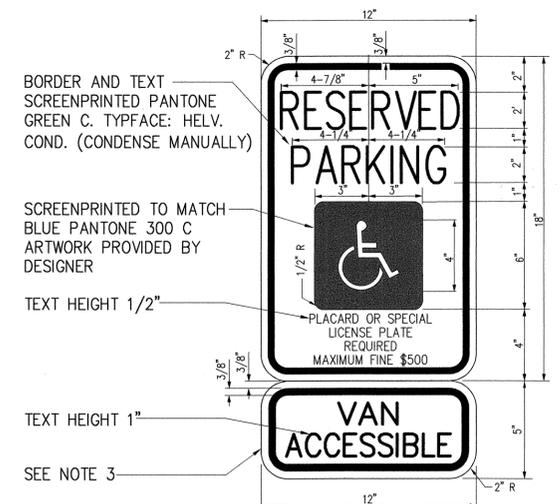
1 PRECAST CONCRETE WHEELSTOP
C-21 NOT TO SCALE



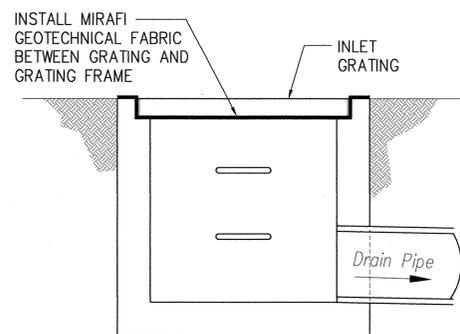
2 PAVEMENT ARROWS
C-21 NOT TO SCALE



3 TYPICAL SIGN POST DETAIL
C-21 NOT TO SCALE

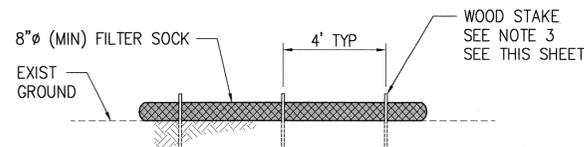


4 RESERVED PARKING SIGN DETAIL
C-21 NOT TO SCALE



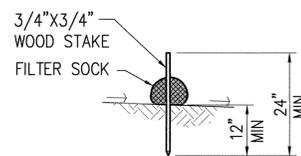
MIRAFI GEOTECHNICAL FABRIC

5 SEDIMENT TRAP AT DRAIN INLET DETAIL
C-21 NOT TO SCALE

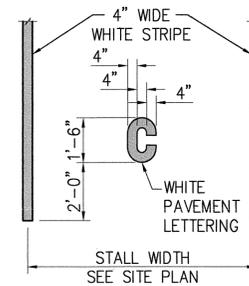


- NOTES:**
- CONTRACTOR SHALL REMOVE ANY DEBRIS IN PATH OF FILTER SOCK TO ENSURE GOOD GROUND CONTACT.
 - COMPOST SHALL NOT CONTAIN BIOSOLIDS AND SHOULD BE CONSISTENT WITH EPA GUIDELINES.
 - FILTER SOCKS PLACED ON EXIST CRM WALL AND PAVEMENT SHALL NOT REQUIRE WOOD STAKES.

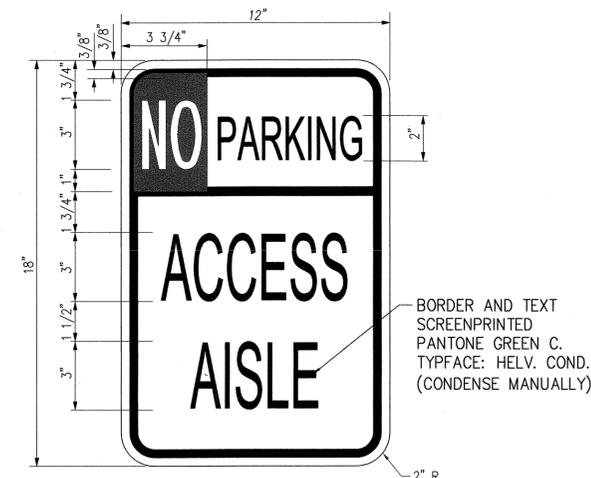
6 FILTER SOCK DETAIL
C-21 NOT TO SCALE



7 WOOD STAKE DETAIL
C-21 NOT TO SCALE

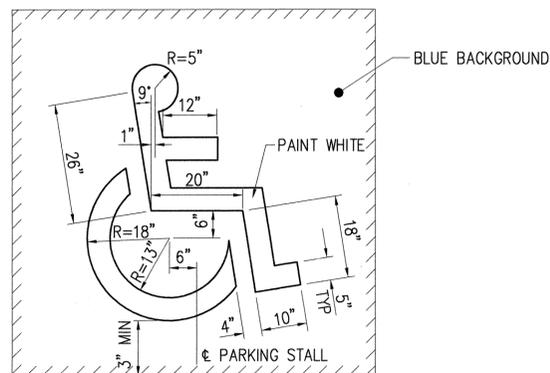


8 COMPACT STALL MARKING
C-21 NOT TO SCALE



- SIGN NOTES:**
- SIGNS SHALL BE ALUM T6061 SHEET COVERED WITH ENGINEERING GRADE REFLECTIVE SHEETING. SIGN LETTERING SHALL BE UPPER-CASE LETTERS OF THE TYPE APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION.
 - FOR SIGN POST DETAIL SEE 3/C-21.

9 NO PARKING ACCESS AISLE SIGN DETAIL
C-21 NOT TO SCALE



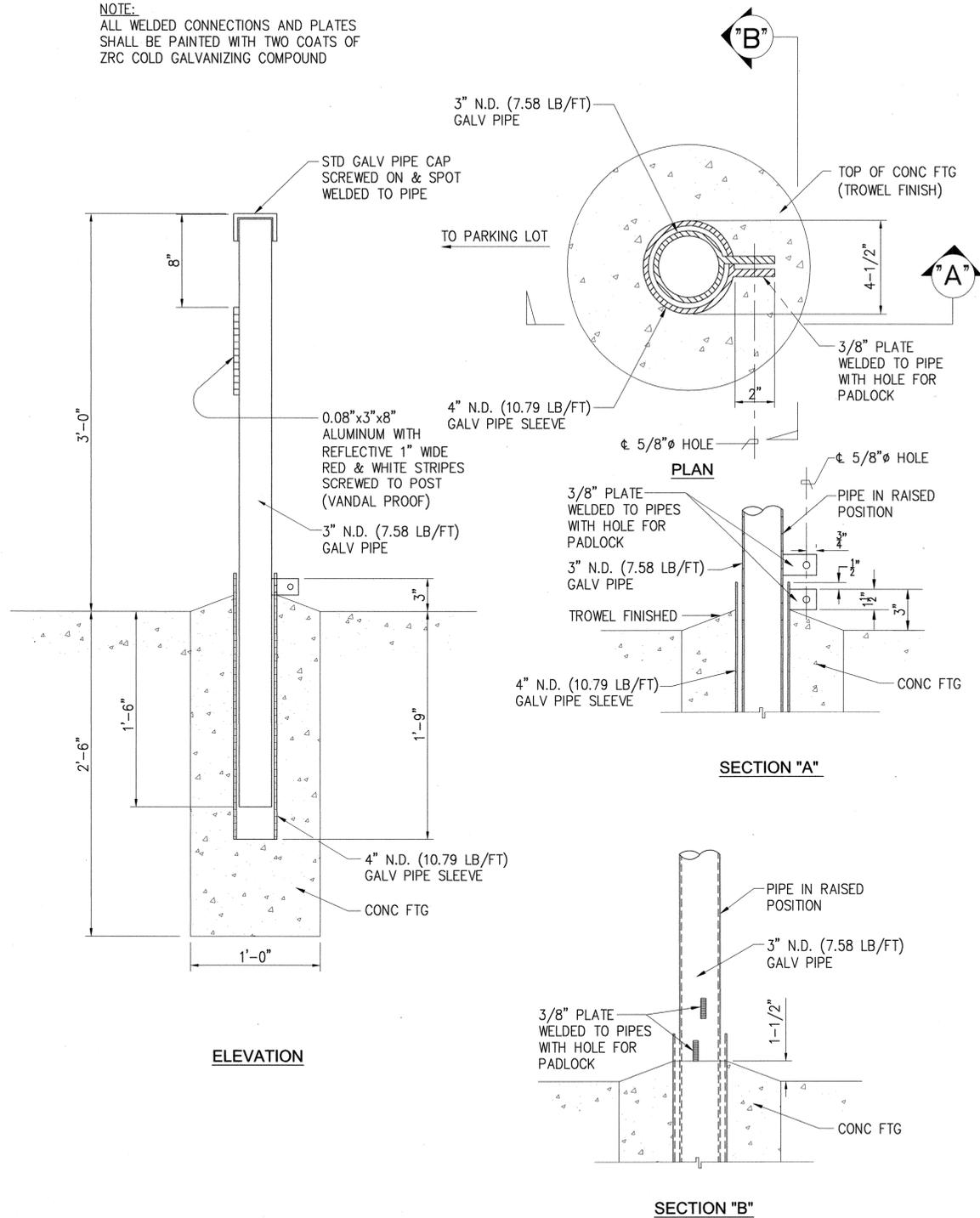
10 INTERNATIONAL SYMBOL OF ACCESSIBILITY (ISA) MARKING DETAIL
C-21 NOT TO SCALE

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MISCELLANEOUS DETAILS - 3					
DESIGNED: TH	SUBMITTED: <input checked="" type="checkbox"/>				
DRAWN: JG	DATE: APRIL 2016				
CHECKED: MN	SCALE: AS SHOWN				
APPROVED:	DRAWING NO.				
<i>John J. Hanzawa</i>	MAY - 3 2016		C-21		
CHIEF ENGINEER	DATE				

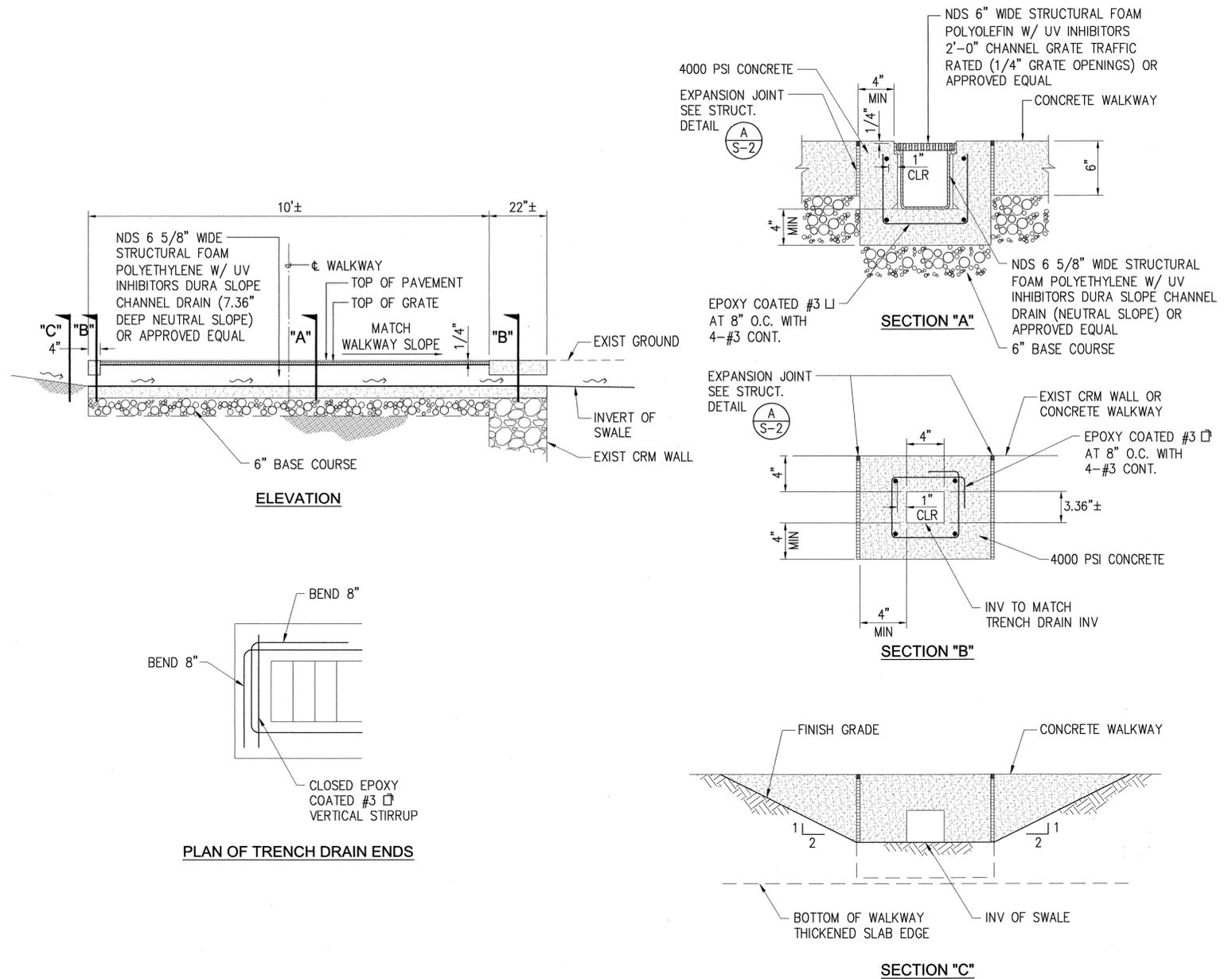
Exp: 4/30/18
JOHN J. HANZAWA
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No. 14526-C
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Exp: 4/30/18
MICHAEL H. NOJIMA
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No. 5632-C
HAWAII, U.S.A.

NOTE:
ALL WELDED CONNECTIONS AND PLATES
SHALL BE PAINTED WITH TWO COATS OF
ZRC COLD GALVANIZING COMPOUND



1 REMOVABLE PIPE BARRIER
C-22 NOT TO SCALE

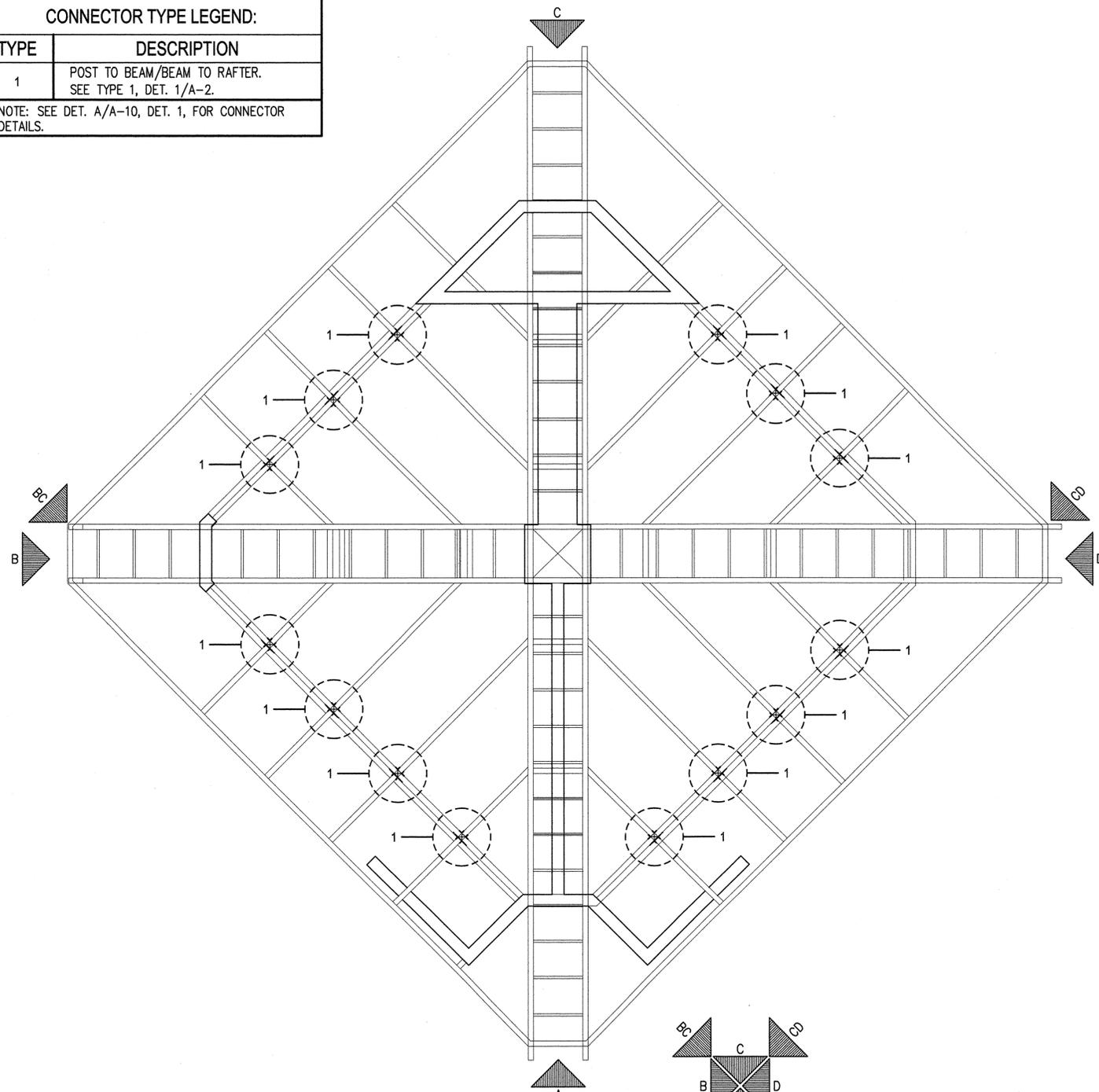


2 TRENCH DRAIN DETAIL
C-22 NOT TO SCALE

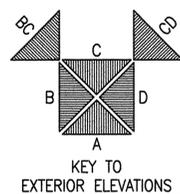
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		STATE OF HAWAII	
		DEPARTMENT OF LAND AND NATURAL RESOURCES ENGINEERING DIVISION	
HAPUNA BEACH STATE RECREATION AREA PHASE 3 PARK IMPROVEMENTS AND REPAIRS		MISCELLANEOUS DETAILS - 4	
DESIGNED: TH	SUBMITTED: <i>TH</i>	DATE: APRIL 2016	
DRAWN: JG	CHECKED: MN	SCALE: AS SHOWN	
APPROVED: <i>[Signature]</i>	DATE: MAY - 3 2016	DRAWING NO. C-22	

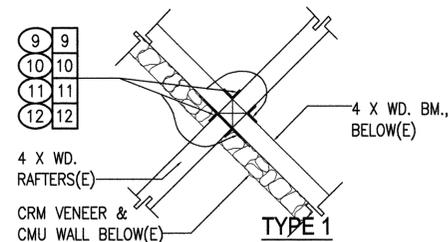
CONNECTOR TYPE LEGEND:	
TYPE	DESCRIPTION
1	POST TO BEAM/BEAM TO RAFTER. SEE TYPE 1, DET. 1/A-2.
NOTE: SEE DET. A/A-10, DET. 1, FOR CONNECTOR DETAILS.	



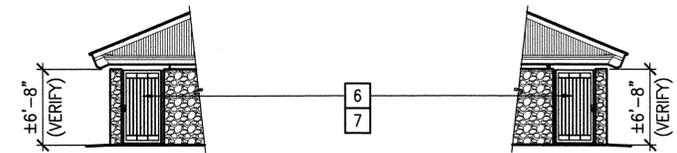
A NORTH COMFORT STATION - REFLECTED CEILING PLAN
A-2 SCALE : 1/4" = 1'-0"



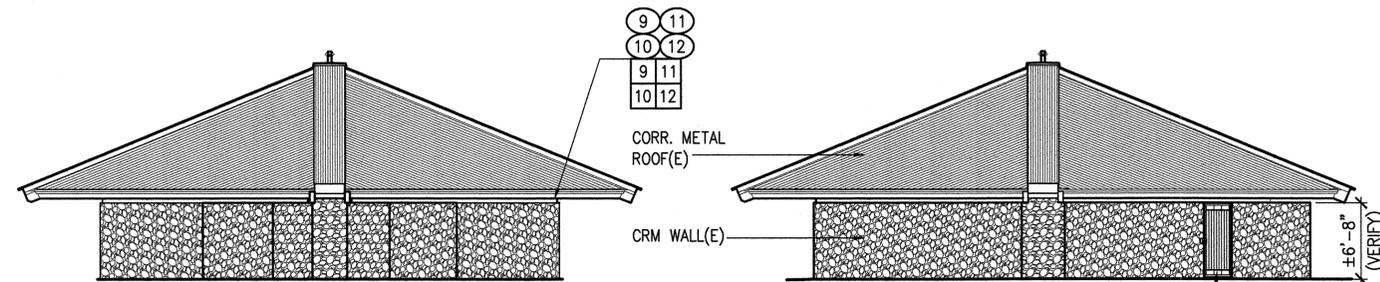
GRAPHIC SCALE IN FEET(SCALE: 1/4"=1'-0")



1 CONNECTOR TYPE DETAIL
A-2 SCALE : 3/4" = 1'-0"

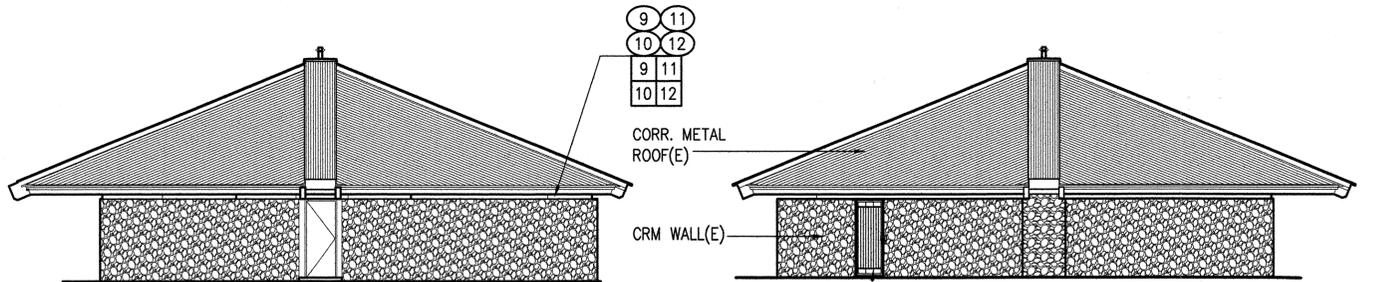


GATE ELEV. CD • WOMEN'S **GATE ELEV. AB • MEN'S**



ELEV. A

ELEV. B



ELEV. C

ELEV. D

B NORTH COMFORT STATION - EXTERIOR ELEVATIONS
A-2 SCALE : 1/8" = 1'-0"

GRAPHIC SCALE IN FEET(SCALE: 1/8"=1'-0")

REMOVAL WORK NOTES - HAPUNA BEACH

NEW WORK NOTES - HAPUNA BEACH

MARK	DESCRIPTION
1	TOILET DR., FRAME & HDWE. & PARTITION WHERE OCCURS
2	PORTION OF CMU WALL. SEE STRUCT. DWGS.
3	PORTION OF TILE FLOOR
4	PORTION OF CONC. SLAB, SEE STRUCT. DWGS.
5	GRAB BAR & DETERIORATED FASTENERS
6	PORTION OF EXIST CRM WALL FOR NEW GATE'S FRAME SEE DET. A-10
7	PORTION OF CRM WALL FOR NEW GATE'S HOLDER SEE DET. A-10
8	CONC. BARBECUE GRILL & CONCRETE PAD(WHERE OCCURS)
9	CORRODED METAL CONNECTORS
10	REMOVE SURFACE RUST OF SLIGHTLY RUSTED METAL CONNECTORS(E)

MARK	DESCRIPTION
11	REMOVE 2 X PLATE(BELOW 4X4 POST) AS REQ.
12	REMOVE 4X4 POST AS REQUIRED.
13	EXCAVATE GROUND FOR BIKE WAVE RACK'S CONC. PAD. SEE STRUCT. DWGS.
14	PREPARE SURFACES OF WD. DECKING, RAFTERS, INSIDE FACE OF FASCIA FOR STAINING PURPOSES.
15	FLOOR DRAIN, SEE MECH. DWGS.
16	WATER CLOSET, SEE MECH. DWGS.
17	URINAL, SEE MECH. DWGS.
18	LAVATORY SINK, SEE MECH. DWGS.
19	SERVICE SINK, SEE MECH. DWGS.
20	HOSE BIBB, SEE MECH. DWGS.
21	NOT USED

MARK	DESCRIPTION
1	REINSTALL TOILET DOOR & HDWE. & PARTITION WHERE OCCURS
2	CMU WALL. PAINT TO MATCH EXIST. SEE STRUCT. DWGS.
3	TILE FLOOR TO MATCH EXIST. FINISH, LAYOUT & SLOPE
4	PORTION OF CONC. SLAB. SEE STRUCT. DWGS.
5/5A	GRAB BAR / TOILET PAPER DISPENSER
6	METAL GATE, METAL FRAME. REPAIR ANY DAMAGE TO EXIST CRM WALL IF ANY FOR METAL FRAME INSTALLATION.
7	REPAIR ANY DAMAGE TO CRM WALL FOR NEW GATE'S HOLDER INSTALLATION
7A	PATCH, REPAIR & FINISH SURFACE OR ADJACENT SURFACE
8	CONC. BARBECUE GRILL. CONC. PAD, SEE STRUCT. DWGS.
9	METAL CONNECTORS. SEE DETAIL
10	PRIME AND APPLY FINAL COAT AS SPECIFIED
11	DBL 2 X 4

MARK	DESCRIPTION
12	4 X 4 POST
13	WAVE STYLE(11 BIKES) BIKE RACK ON 5" THK. CONCRETE PAD. FOR CONCRETE PAD, SEE STRUCT. DWGS.
14	STAIN FINISH EXIST. WD. ROOF DECKING, WD. RAFTERS, WD. HIP RAFTERS, INSIDE FACE OF EXIST. FASCIA.
15	TOILET DOOR, DOOR HDWE & TOILET PARTITION (MATCH TOILET DOOR, DOOR HDWE & TOILET PARTITION @ SOUTH COMFORT STATION)
16	WATER CLOSET, SEE MECH. DWGS.
17	URINAL, SEE MECH. DWGS.
18	LAVATORY SINK, SEE MECH. DWGS.
19	FOR DEMOLISHED SERVICE SINK PLUMBING LINES, SEE MECH. DWGS.
20	HOSE BIBB, SEE MECH. DWGS.
21	WALL HYDRANT, SEE MECH. DWGS.

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ENGINEERING DIVISION

**HAPUNA BEACH STATE
RECREATION AREA PHASE 3 PARK
IMPROVEMENTS AND REPAIRS**

NORTH COMFORT STA. - REFLECTED CEILING PLAN, EXTERIOR ELEV.,
REMOVAL & NEW WORK NOTES, CONNECTOR TYPE DET.

THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION.

EXPIRES: 4/30/2018

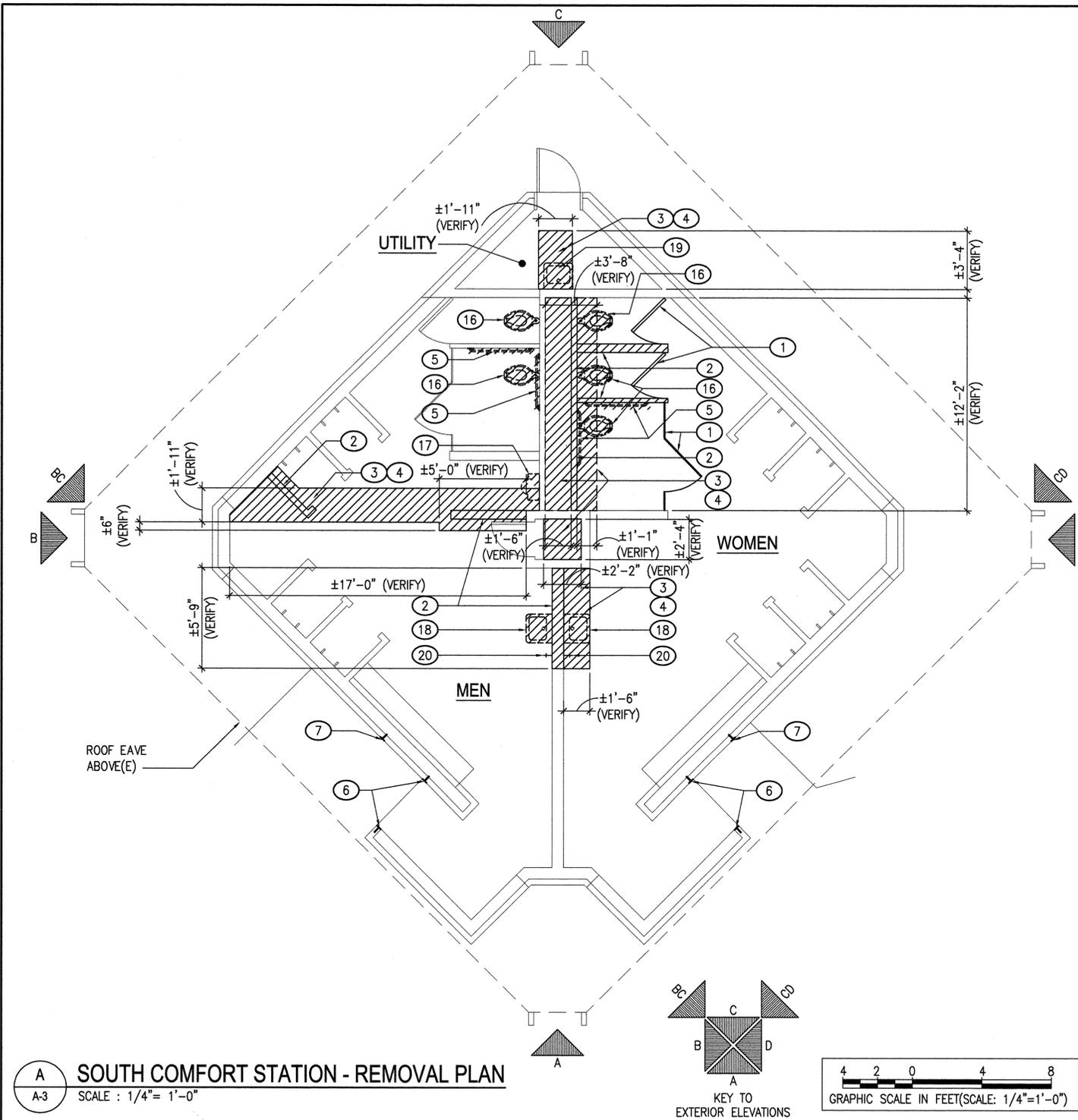
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DRAWN: BGJ DATE: APRIL 2016

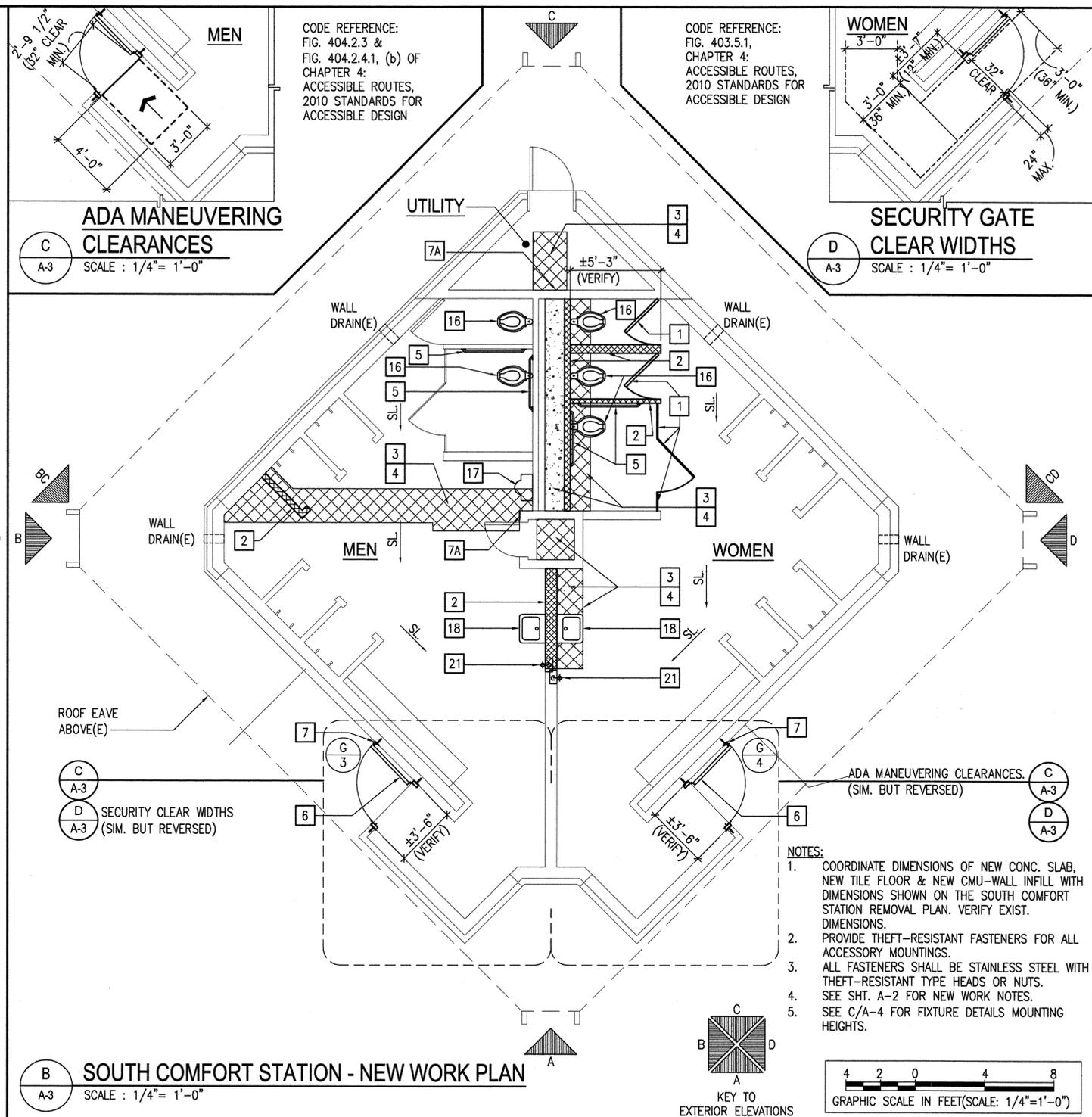
CHECKED: KS SCALE: DATE: DRAWING NO. **A-2**

APPROVED: *[Signature]* MAY - 3 2016

CHIEF ENGINEER DATE



A SOUTH COMFORT STATION - REMOVAL PLAN
A-3 SCALE : 1/4" = 1'-0"



B SOUTH COMFORT STATION - NEW WORK PLAN
A-3 SCALE : 1/4" = 1'-0"

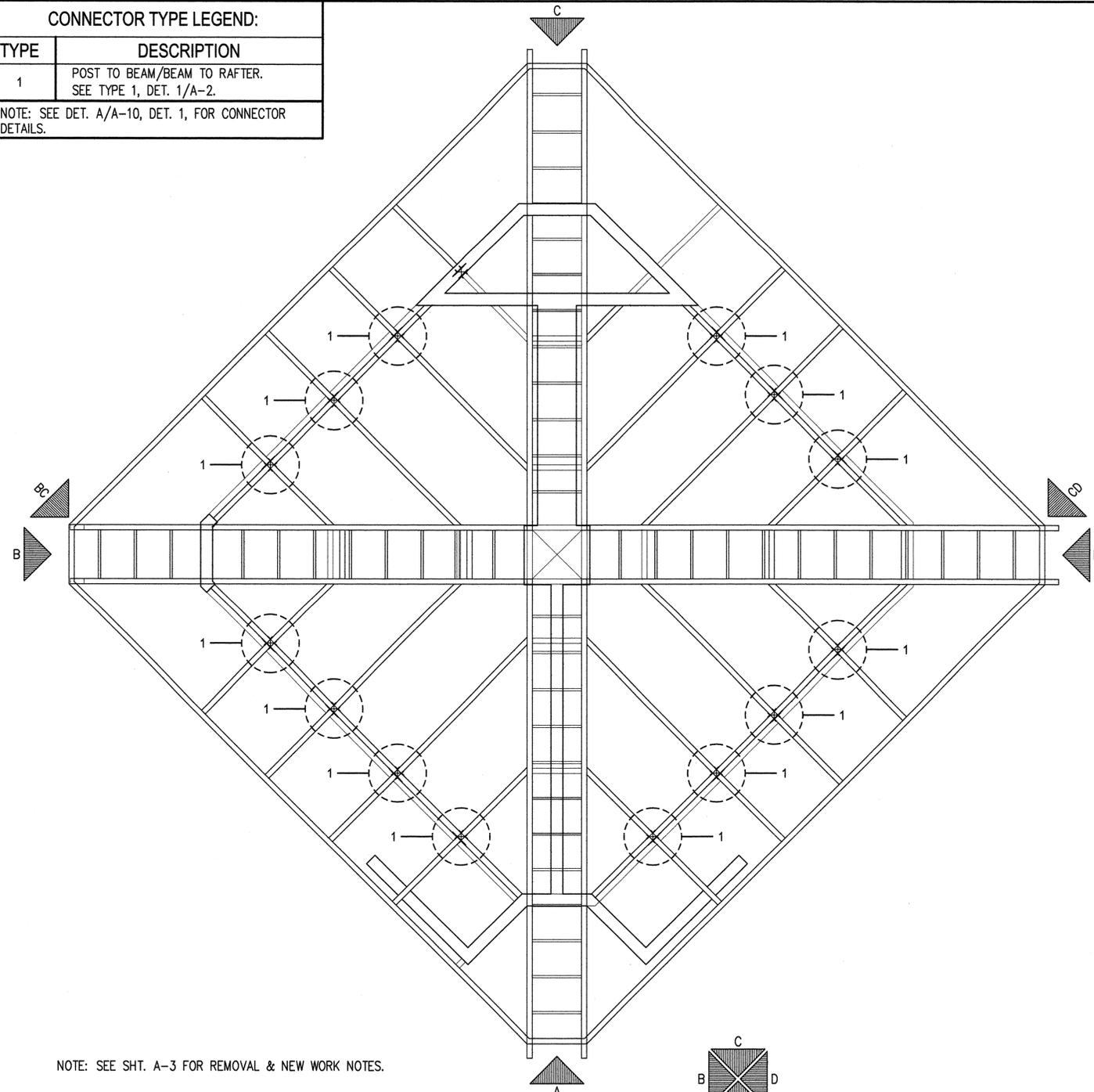
REMOVAL WORK NOTES - HAPUNA BEACH	
MARK	DESCRIPTION
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16	WATER CLOSET, SEE MECH. DWGS.
17	URINAL, SEE MECH. DWGS.
18	LAVATORY SINK, SEE MECH. DWGS.
19	SERVICE SINK, SEE MECH. DWGS.
20	HOSE BIBB, SEE MECH. DWGS.
21	NOT USED

NEW WORK NOTES - HAPUNA BEACH	
MARK	DESCRIPTION
1	REINSTALL TOILET DOOR & HDWE. & PARTITION WHERE OCCURS
2	CMU WALL. PAINT TO MATCH EXIST. SEE STRUCT. DWGS.
3	TILE FLOOR TO MATCH EXIST. FINISH, LAYOUT & SLOPE
4	PORTION OF CONC. SLAB. SEE STRUCT. DWGS.
5/5A	GRAB BAR / TOILET PAPER DISPENSER
6	METAL GATE, METAL FRAME. REPAIR ANY DAMAGE TO EXIST CRM WALL IF ANY FOR METAL FRAME INSTALLATION.
7	REPAIR ANY DAMAGE TO CRM WALL FOR NEW GATE'S HOLDER INSTALLATION
7A	PATCH, REPAIR & FINISH SURFACE OR ADJACENT SURFACE
8	CONC. BARBECUE GRILL. CONC. PAD, SEE STRUCT. DWGS.
9	METAL CONNECTORS. SEE DETAIL
10	PRIME AND APPLY FINAL COAT AS SPECIFIED
11	DBL 2 X 4
12	4 X 4 POST
13	WAVE STYLE(11 BIKES) BIKE RACK ON 5" THK. CONCRETE PAD. FOR CONCRETE PAD, SEE STRUCT. DWGS.
14	STAIN FINISH EXIST. WD. ROOF DECKING, WD. RAFTERS, WD. HIP RAFTERS, INSIDE FACE OF EXIST. FASCIA.
15	TOILET DOOR, DOOR HDWE & TOILET PARTITION (MATCH TOILET DOOR, DOOR HDWE & TOILET PARTITION @ SOUTH COMFORT STATION)
16	WATER CLOSET, SEE MECH. DWGS.
17	URINAL, SEE MECH. DWGS.
18	LAVATORY SINK, SEE MECH. DWGS.
19	FOR DEMOLISHED SERVICE SINK PLUMBING LINES, SEE MECH. DWGS.
20	HOSE BIBB, SEE MECH. DWGS.
21	WALL HYDRANT, SEE MECH. DWGS.

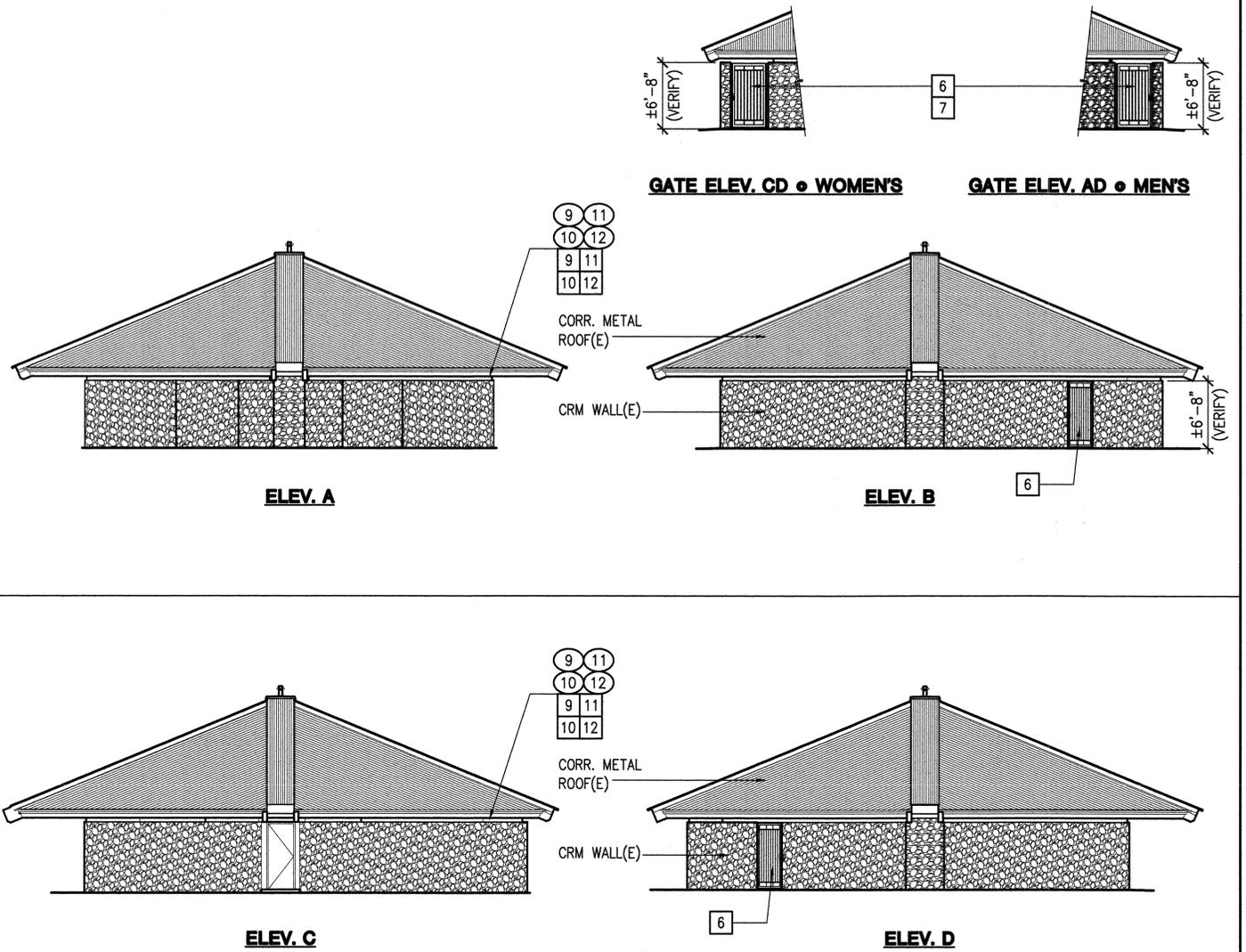
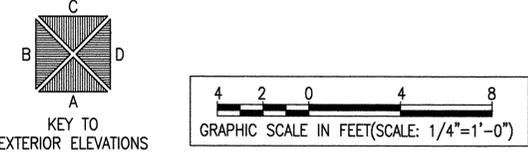
REVISION NO.	SYM.	DESCRIPTION	SHT./OF	DATE	APPROVED
STATE OF HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES ENGINEERING DIVISION					
HAPUNA BEACH STATE RECREATION AREA PHASE 3 PARK IMPROVEMENTS AND REPAIRS					
SOUTH COMFORT STA. - REMOVAL & NEW WORK PLANS, REMOVAL & NEW WORK NOTES					
DESIGNED: RA		SUBMITTED: [Signature]		DATE: APRIL 2016	
DRAWN: BGJ		CHECKED: KS		SCALE:	
APPROVED: [Signature]		DATE: MAY - 3 2016		DRAWING NO. A-3	

CONNECTOR TYPE LEGEND:	
TYPE	DESCRIPTION
1	POST TO BEAM/BEAM TO RAFTER. SEE TYPE 1, DET. 1/A-2.

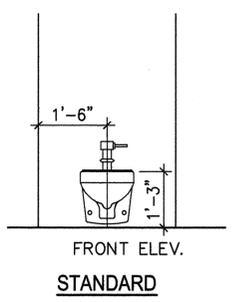
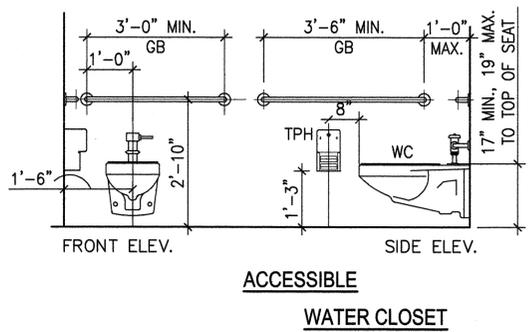
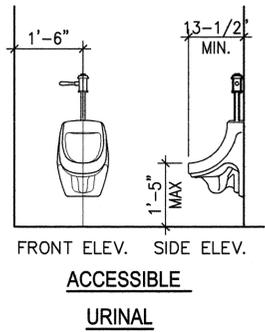
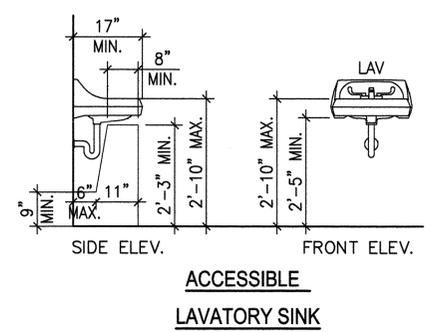
NOTE: SEE DET. A/A-10, DET. 1, FOR CONNECTOR DETAILS.



A SOUTH COMFORT STATION - REFLECTED CEILING PLAN
SCALE: 1/4" = 1'-0"



B SOUTH COMFORT STATION - EXTERIOR ELEVATIONS
SCALE: 1/8" = 1'-0"



C FIXTURE DETAILS MOUNTING HEIGHTS
SCALE: 1/2" = 1'-0"

REVISION NO.	SYM.	DESCRIPTION	SHT./OF	DATE	APPROVED

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

APPROVED: *[Signature]*
CHIEF ENGINEER
EXPIRES: 4/30/2018

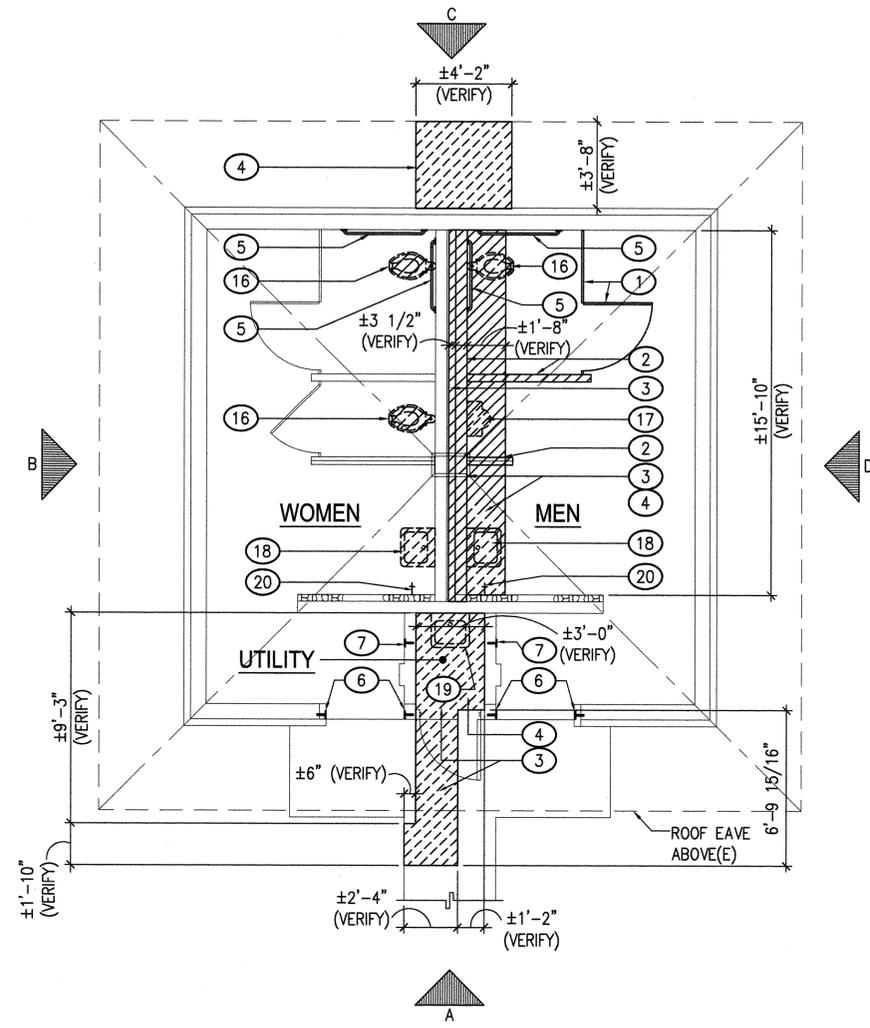
STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
ENGINEERING DIVISION

HAPUNA BEACH STATE RECREATION AREA PHASE 3 PARK IMPROVEMENTS AND REPAIRS

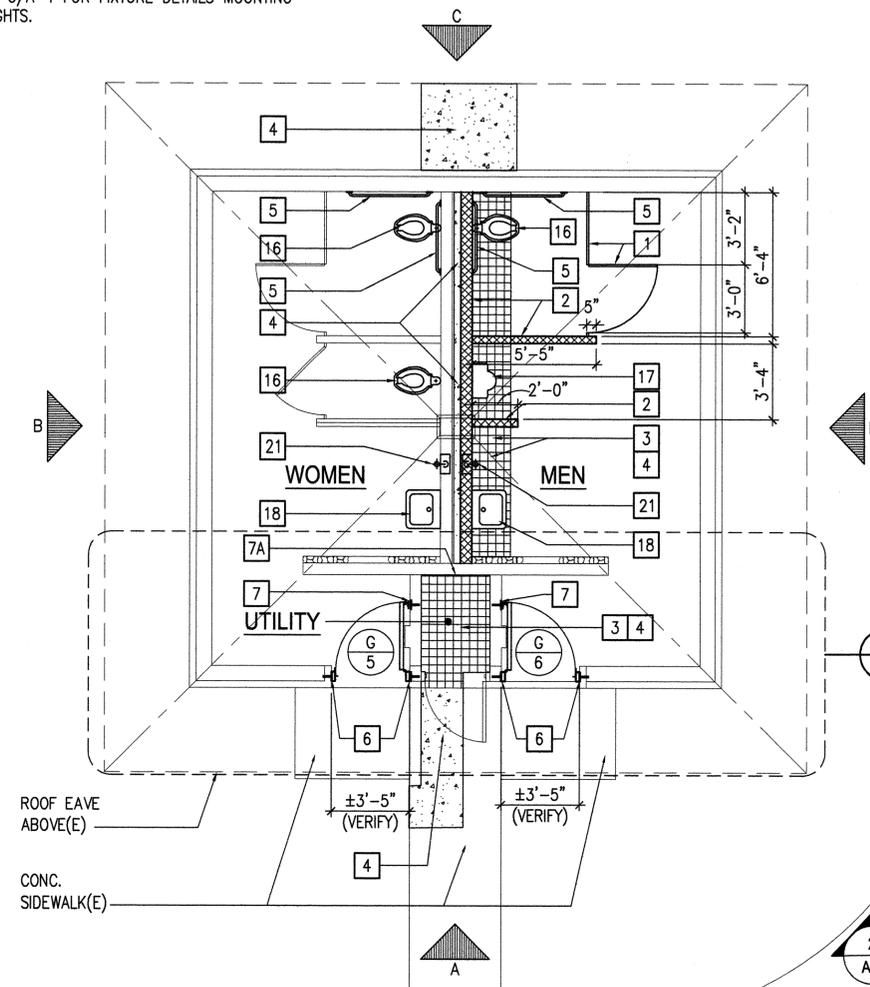
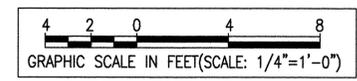
SOUTH COMFORT STATION - REFLECTED CEILING PLAN, EXTERIOR ELEVATIONS

DESIGNED: RA
DRAWN: BGJ
CHECKED: KS
APPROVED: *[Signature]*
DATE: MAY - 3 2016

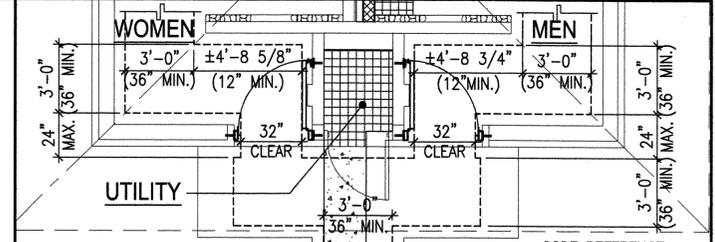
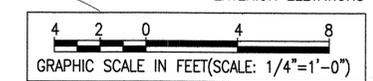
- NOTES:**
- COORDINATE DIMENSIONS OF NEW CONC. SLAB, NEW TILE FLOOR & NEW CMU-WALL INFILL WITH DIMENSIONS SHOWN IN THE PARKING COMFORT STATION REMOVAL PLAN. VERIFY EXIST. DIMENSIONS.
 - PROVIDE THEFT-RESISTANT FASTENERS FOR ALL ACCESSORY MOUNTINGS.
 - ALL FASTENERS SHALL BE STAINLESS STEEL WITH THEFT-RESISTANT TYPE HEADS OR NUTS.
 - SEE C/A-4 FOR FIXTURE DETAILS MOUNTING HEIGHTS.



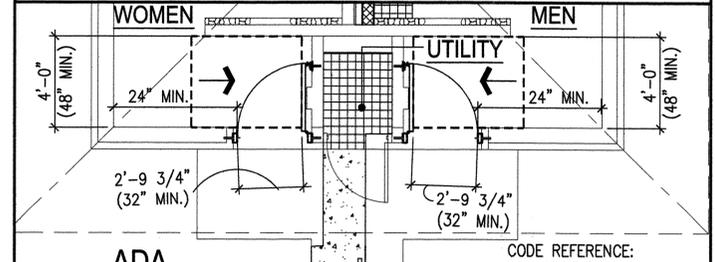
A PARKING COMFORT STATION - REMOVAL PLAN
SCALE: 1/4" = 1'-0"



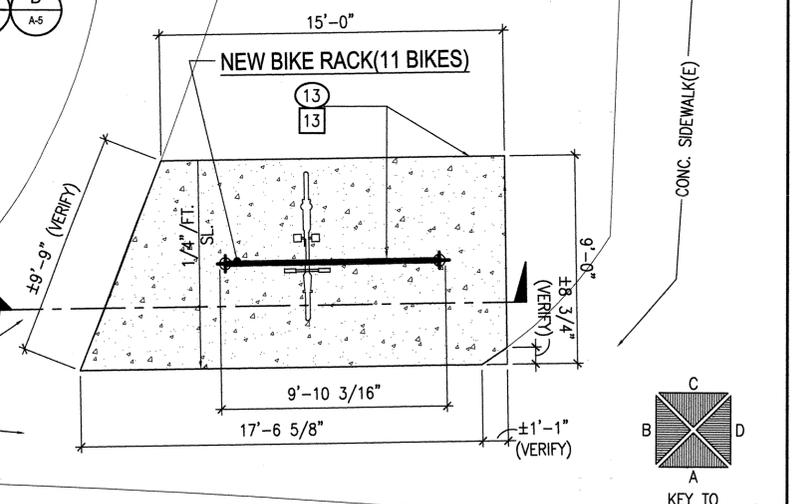
B PARKING COMFORT STATION- NEW WORK PLAN & NEW BIKE RACK PLAN
SCALE: 1/4" = 1'-0"



C SECURITY GATE CLEAR WIDTHS
SCALE: 1/4" = 1'-0"
CODE REFERENCE: FIG. 403.5.1, CHAPTER 4: ACCESSIBLE ROUTES, 2010 STANDARDS FOR ACCESSIBLE DESIGN



D ADA MANEUVERING CLEARANCES
SCALE: 1/4" = 1'-0"
CODE REFERENCE: FIG. 404.2.3 & FIG. 404.2.4.1, (h) OF CHAPTER 4: ACCESSIBLE ROUTES, 2010 STANDARDS FOR ACCESSIBLE DESIGN.



REMOVAL WORK NOTES - HAPUNA BEACH

MARK	DESCRIPTION	MARK	DESCRIPTION
1	TOILET DR., FRAME & HDWE. & PARTITION WHERE OCCURS	11	REMOVE 2 X PLATE(BELOW 4X4 POST) AS REQ.
2	PORTION OF CMU WALL. SEE STRUCT. DWGS.	12	REMOVE 4X4 POST AS REQUIRED.
3	PORTION OF TILE FLOOR	13	EXCAVATE GROUND FOR BIKE WAVE RACK'S CONC. PAD. SEE STRUCT. DWGS.
4	PORTION OF CONC. SLAB, SEE STRUCT. DWGS.	14	PREPARE SURFACES OF WD. DECKING, RAFTERS, INSIDE FACE OF FASCIA FOR STAINING PURPOSES.
5	GRAB BAR & DETERIORATED FASTENERS	15	FLOOR DRAIN, SEE MECH. DWGS.
6	PORTION OF EXIST CRM WALL FOR NEW GATE'S FRAME SEE DET. A-10	16	WATER CLOSET, SEE MECH. DWGS.
7	PORTION OF CRM WALL FOR NEW GATE'S HOLDER SEE DET. A-10	17	URINAL, SEE MECH. DWGS.
8	CONC. BARBECUE GRILL & CONCRETE PAD(WHERE OCCURS)	18	LAVATORY SINK, SEE MECH. DWGS.
9	CORRODED METAL CONNECTORS	19	SERVICE SINK, SEE MECH. DWGS.
10	REMOVE SURFACE RUST OF SLIGHTLY RUSTED METAL CONNECTORS(E)	20	HOSE BIBB, SEE MECH. DWGS.
		21	NOT USED

NEW WORK NOTES - HAPUNA BEACH

MARK	DESCRIPTION	MARK	DESCRIPTION
1	REINSTALL TOILET DOOR & HDWE. & PARTITION WHERE OCCURS	12	4 X 4 POST
2	CMU WALL. PAINT TO MATCH EXIST. SEE STRUCT. DWGS.	13	WAVE STYLE(11 BIKES) BIKE RACK ON 5" THK. CONCRETE PAD. FOR CONCRETE PAD, SEE STRUCT. DWGS.
3	TILE FLOOR TO MATCH EXIST. FINISH, LAYOUT & SLOPE	14	STAIN FINISH EXIST. WD. ROOF DECKING, WD. RAFTERS, WD. HIP RAFTERS, INSIDE FACE OF EXIST. FASCIA.
4	PORTION OF CONC. SLAB. SEE STRUCT. DWGS.	15	TOILET DOOR, DOOR HDWE & TOILET PARTITION (MATCH TOILET DOOR, DOOR HDWE & TOILET PARTITION @ SOUTH COMFORT STATION)
5/5A	GRAB BAR / TOILET PAPER DISPENSER	16	WATER CLOSET, SEE MECH. DWGS.
6	METAL GATE, METAL FRAME. REPAIR ANY DAMAGE TO EXIST CRM WALL IF ANY FOR METAL FRAME INSTALLATION.	17	URINAL, SEE MECH. DWGS.
7	REPAIR ANY DAMAGE TO CRM WALL FOR NEW GATE'S HOLDER INSTALLATION	18	LAVATORY SINK, SEE MECH. DWGS.
7A	PATCH, REPAIR & FINISH SURFACE OR ADJACENT SURFACE	19	FOR DEMOLISHED SERVICE SINK PLUMBING LINES, SEE MECH. DWGS.
8	CONC. BARBECUE GRILL. CONC. PAD, SEE STRUCT. DWGS.	20	HOSE BIBB, SEE MECH. DWGS.
9	METAL CONNECTORS. SEE DETAIL	21	WALL HYDRANT, SEE MECH. DWGS.
10	PRIME AND APPLY FINAL COAT AS SPECIFIED		
11	DBL 2 X 4		

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 STA. - REMOVAL & NEW WORK & NEW BIKE RACK PLANS, REMOVAL & NEW WORK NOTES

DESIGNED: RA
DRAWN: BGJ
CHECKED: KS
APPROVED: [Signature]
DATE: APRIL 2016
SCALE: [Blank]
DATE: MAY - 3 2016
DRAWING NO. **A-5**

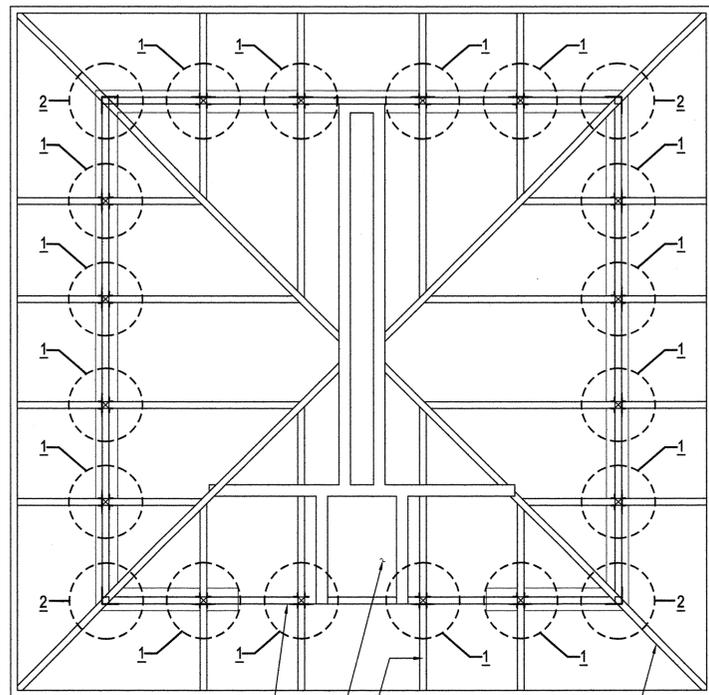
RONALD KATSUMI
REGISTERED PROFESSIONAL ARCHITECT
No. 4281
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.
EXPIRES: 4/30/2018

CONNECTOR TYPE LEGEND:

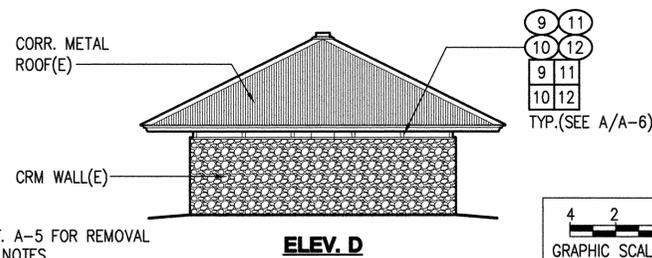
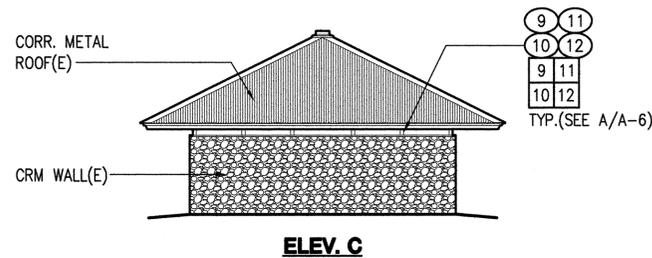
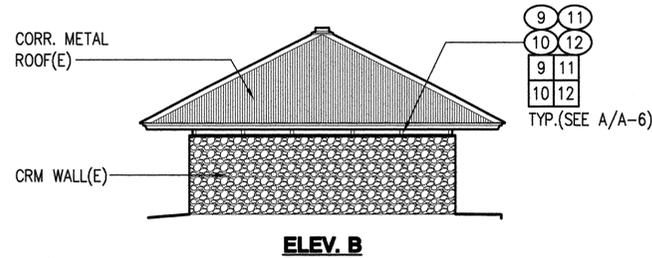
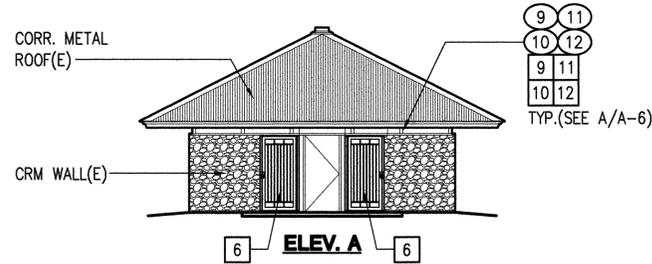
TYPE	DESCRIPTION
1	POST TO BEAM/BEAM TO RAFTER. SEE DET. 1/A-6.
2	WD. HIP BEAM TO RAFTER. SEE DET. 1/A-6.

NOTE: SEE DET. A/A-10, DET. 1, FOR CONNECTOR DETAILS



- 4 X WD BM(E) TYP.
- T & G WD. DECKING(E) TYP.
- 4 X WD. RAFTER(E) TYP.
- WD. FASCIA(E) TYP.
- 4 X WD. HIP RAFTER(E) TYP.

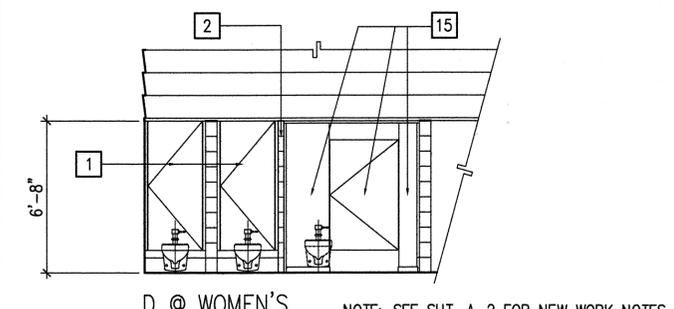
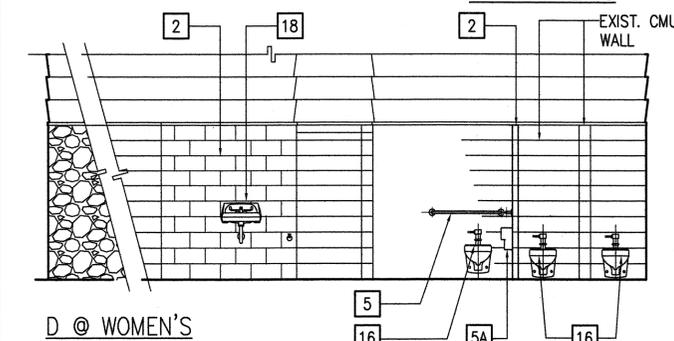
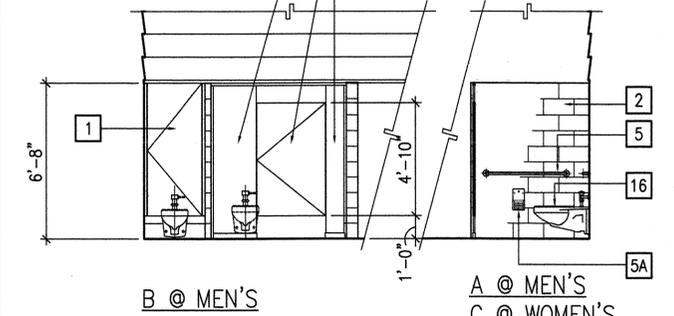
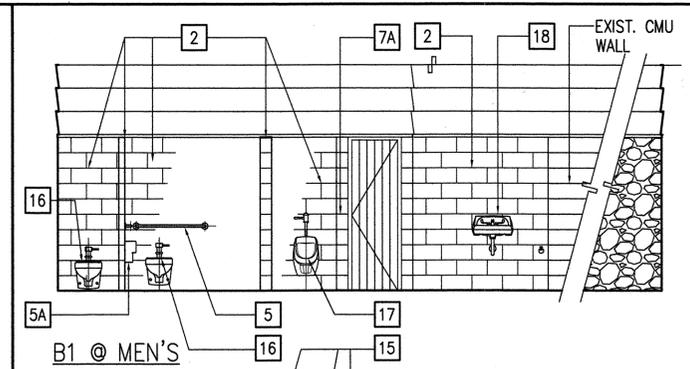
A PARKING COMFORT STATION - REFLECTED CEILING PLAN
SCALE : 1/4" = 1'-0"



NOTE: SEE SHT. A-5 FOR REMOVAL & NEW WORK NOTES.



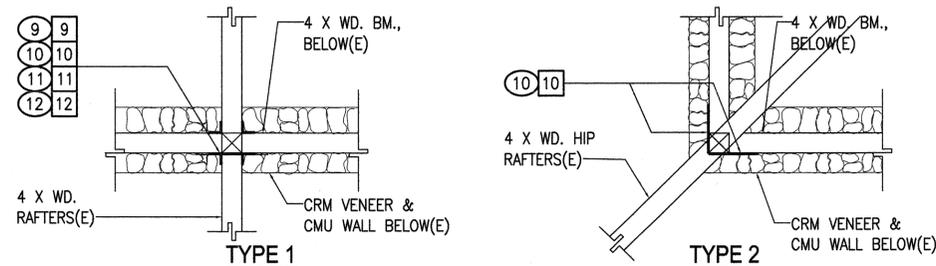
B PARKING COMFORT STATION - EXTERIOR ELEVATIONS
SCALE : 1/8" = 1'-0"



NOTE: SEE SHT. A-2 FOR NEW WORK NOTES.

D NORTH COMFORT STATION - INTERIOR ELEVATIONS
SCALE : 1=1

NOTE: FOR REMOVAL & NEW WORK NOTES, SEE SHT. A-5



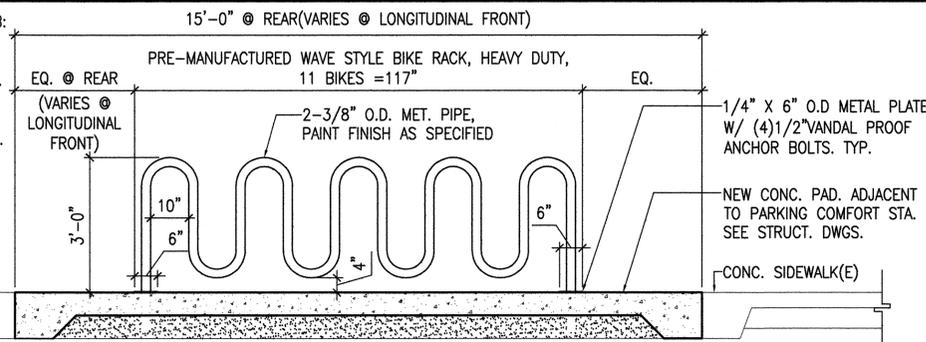
NOTE: SEE SHT. A-5 FOR REMOVAL & NEW WORK NOTES.

1 PARKING COMFORT STATION - METAL CONNECTOR TYPES
SCALE : 3/4" = 1'-0"

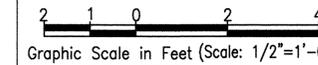
NOTES FOR NEW CONC. SLAB:

1. FOR NEW CONC. SLAB THICKNESS & REINFORCING, SEE A/S-1, STRUCT. DWGS.
2. PROVIDE THICKENED EDGE ALL AROUND. SEE D/S-1, STRUCT. DWGS.

CONDITION OF EXIST. CONC. PAVEMENT OUTSIDE OF WAIALEA BEACH COMFORT STATION CONC. SIDEWALK(E)



NOTE: INSTALLATION OF NEW WAVE STYLE BIKE RACK ON WAIALEA BEACH SHALL BE ON EXIST. CONCRETE PAVEMENT. SEE SHT. A-11 FOR LOCATION.



2 WAVE STYLE BIKE RACK- 11 BIKES
SCALE : 1/2" = 1'-0"

REVISION NO.	SYM.	DESCRIPTION	SHT./OF	DATE	APPROVED

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.
EXPIRES: 4/30/2018

STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
ENGINEERING DIVISION

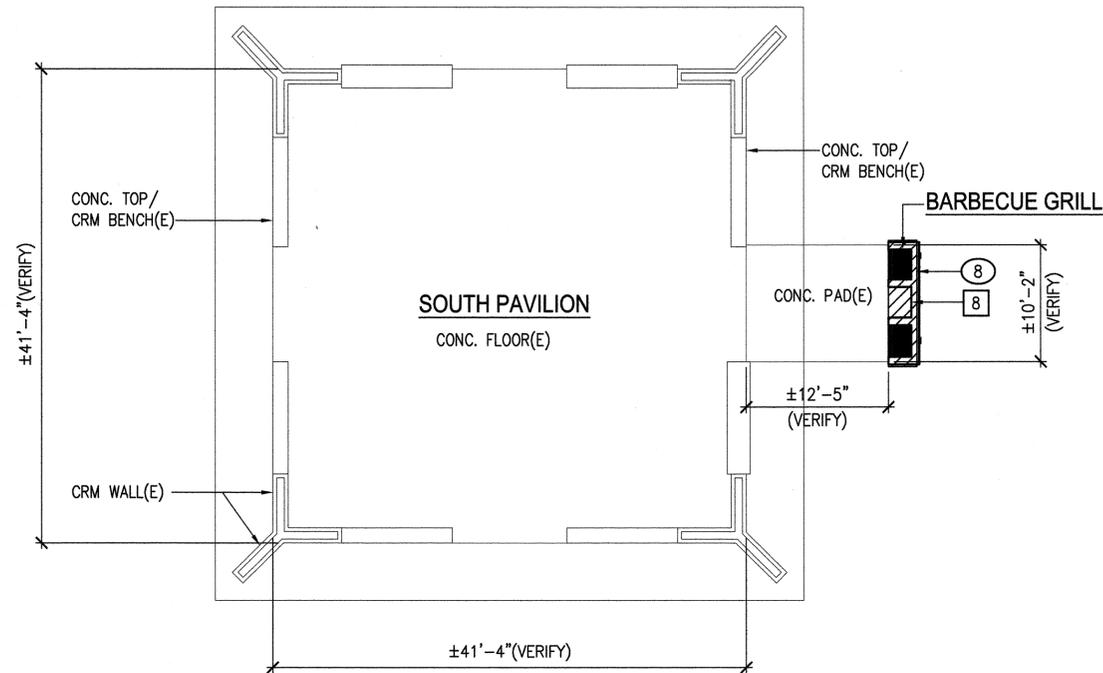
HAPUNA BEACH STATE RECREATION AREA PHASE 3 PARK IMPROVEMENTS AND REPAIRS

PARKING COMFORT STATION - REFLECTED CEILING PLAN, EXTERIOR ELEVATIONS, CONNECTOR TYPES & BIKE RACK SECTION

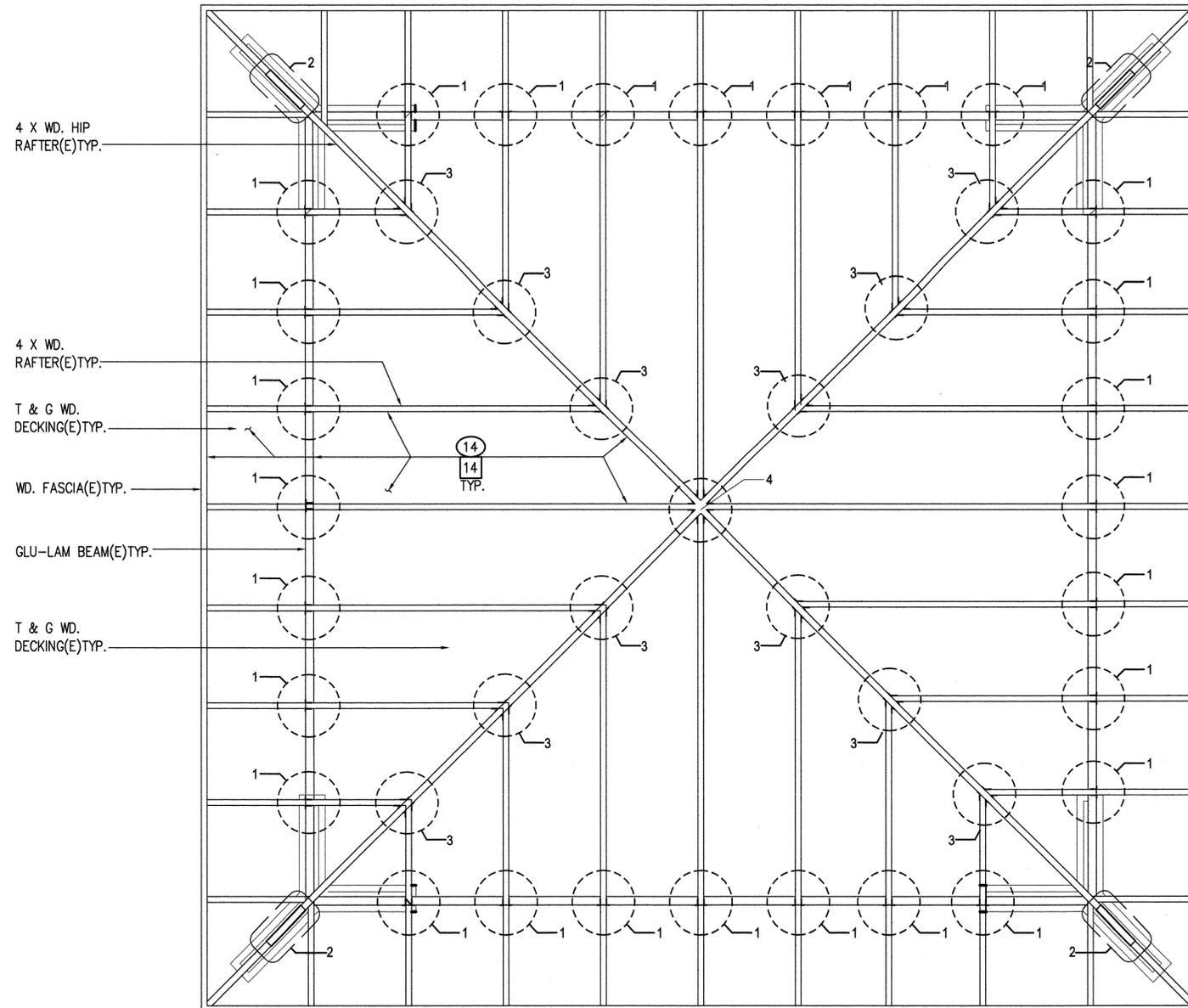
DESIGNED: RA	SUBMITTED: ✓
DRAWN: BGJ	DATE: APRIL 2016
CHECKED: KS	SCALE:
APPROVED:	DRAWING NO. A-6
CHIEF ENGINEER	MAY - 3 2016 DATE

CONNECTOR TYPE LEGEND:	
TYPE	DESCRIPTION
1	WD. BEAM TO WD. RAFTER, SEE TYPE 1, DET. 1/A-8.
2	CRM WALL TO WD. HIP BEAM, SEE TYPE 2, DET. 1/A-8.
3	WD. RAFTERS TO WD. HIP BEAM, SEE TYPE 3, DET. 1/A-8.
4	WD. RAFTERS TO WD. HIP BEAMS AT CLG. APEX. SEE TYPE 4, DET. 1/A-8.

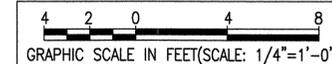
NOTE: SEE DET. A/A-10, DET. 2 FOR CONNECTOR DETAIL.



A SOUTH PAVILION - EXISTING FLOOR PLAN
SCALE: 1/8" = 1'-0"



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



REMOVAL WORK NOTES - HAPUNA BEACH

MARK	DESCRIPTION
1	TOILET DR., FRAME & HDWE. & PARTITION WHERE OCCURS
2	PORTION OF CMU WALL. SEE STRUCT. DWGS.
3	PORTION OF TILE FLOOR
4	PORTION OF CONC. SLAB, SEE STRUCT. DWGS.
5	GRAB BAR & DETERIORATED FASTENERS
6	PORTION OF EXIST CRM WALL FOR NEW GATE'S FRAME SEE DET. A-10
7	PORTION OF CRM WALL FOR NEW GATE'S HOLDER SEE DET. A-10
8	CONC. BARBECUE GRILL & CONCRETE PAD(WHERE OCCURS)
9	CORRODED METAL CONNECTORS
10	REMOVE SURFACE RUST OF SLIGHTLY RUSTED METAL CONNECTORS(E)

MARK	DESCRIPTION
11	REMOVE 2 X PLATE(BELOW 4X4 POST) AS REQ.
12	REMOVE 4X4 POST AS REQUIRED.
13	EXCAVATE GROUND FOR BIKE WAVE RACK'S CONC. PAD. SEE STRUCT. DWGS.
14	PREPARE SURFACES OF WD. DECKING, RAFTERS, INSIDE FACE OF FASCIA FOR STAINING PURPOSES.
15	FLOOR DRAIN, SEE MECH. DWGS.
16	WATER CLOSET, SEE MECH. DWGS.
17	URINAL, SEE MECH. DWGS.
18	LAVATORY SINK, SEE MECH. DWGS.
19	SERVICE SINK, SEE MECH. DWGS.
20	HOSE BIBB, SEE MECH. DWGS.
21	NOT USED

NEW WORK NOTES - HAPUNA BEACH

MARK	DESCRIPTION
1	REINSTALL TOILET DOOR & HDWE. & PARTITION WHERE OCCURS
2	CMU WALL. PAINT TO MATCH EXIST. SEE STRUCT. DWGS.
3	TILE FLOOR TO MATCH EXIST. FINISH, LAYOUT & SLOPE
4	PORTION OF CONC. SLAB. SEE STRUCT. DWGS.
5/5A	GRAB BAR / TOILET PAPER DISPENSER
6	METAL GATE, METAL FRAME. REPAIR ANY DAMAGE TO EXIST CRM WALL IF ANY FOR METAL FRAME INSTALLATION.
7	REPAIR ANY DAMAGE TO CRM WALL FOR NEW GATE'S HOLDER INSTALLATION
7A	PATCH, REPAIR & FINISH SURFACE OR ADJACENT SURFACE
8	CONC. BARBECUE GRILL. CONC. PAD, SEE STRUCT. DWGS.
9	METAL CONNECTORS. SEE DETAIL
10	PRIME AND APPLY FINAL COAT AS SPECIFIED
11	DBL 2 X 4

MARK	DESCRIPTION
12	4 X 4 POST
13	WAVE STYLE(11 BIKES) BIKE RACK ON 5" THK. CONCRETE PAD. FOR CONCRETE PAD, SEE STRUCT. DWGS.
14	STAIN FINISH EXIST. WD. ROOF DECKING, WD. RAFTERS, WD. HIP RAFTERS, INSIDE FACE OF EXIST. FASCIA.
15	TOILET DOOR, DOOR HDWE & TOILET PARTITION (MATCH TOILET DOOR, DOOR HDWE & TOILET PARTITION @ SOUTH COMFORT STATION)
16	WATER CLOSET, SEE MECH. DWGS.
17	URINAL, SEE MECH. DWGS.
18	LAVATORY SINK, SEE MECH. DWGS.
19	FOR DEMOLISHED SERVICE SINK PLUMBING LINES, SEE MECH. DWGS.
20	HOSE BIBB, SEE MECH. DWGS.
21	WALL HYDRANT, SEE MECH. DWGS.

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 PAVILION - EXISTING FLOOR PLAN, REFLECTED CEILING PLAN

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

APPROVED: *[Signature]*
CHIEF ENGINEER

EXPIRES: 4/30/2018

DESIGNED: RA

DRAWN: BGJ

CHECKED: KS

APPROVED: *[Signature]*
CHIEF ENGINEER

SUBMITTED: *[Signature]*

DATE: APRIL 2016

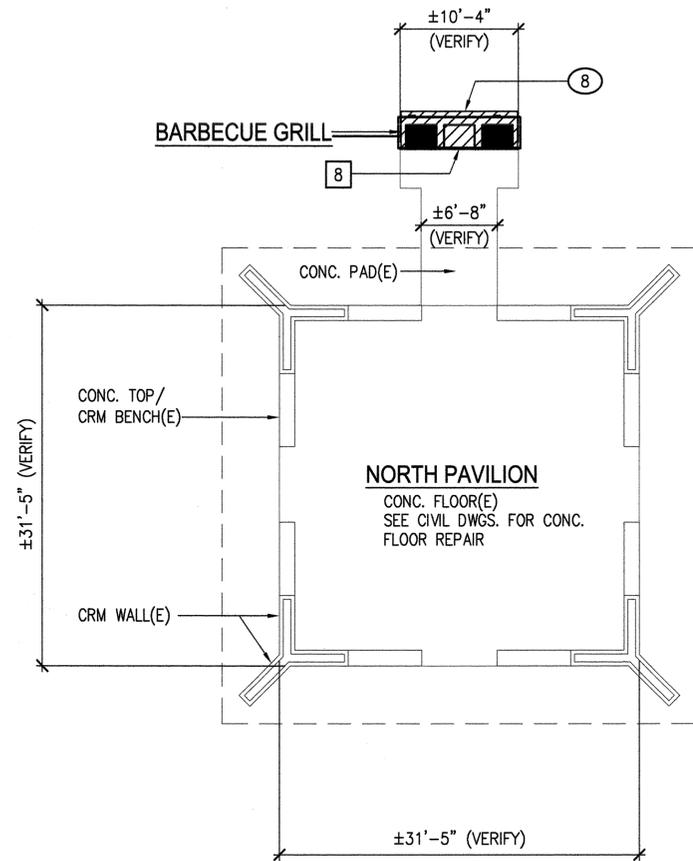
SCALE:

DATE: MAY 3 2016

DRAWING NO. **A-7**

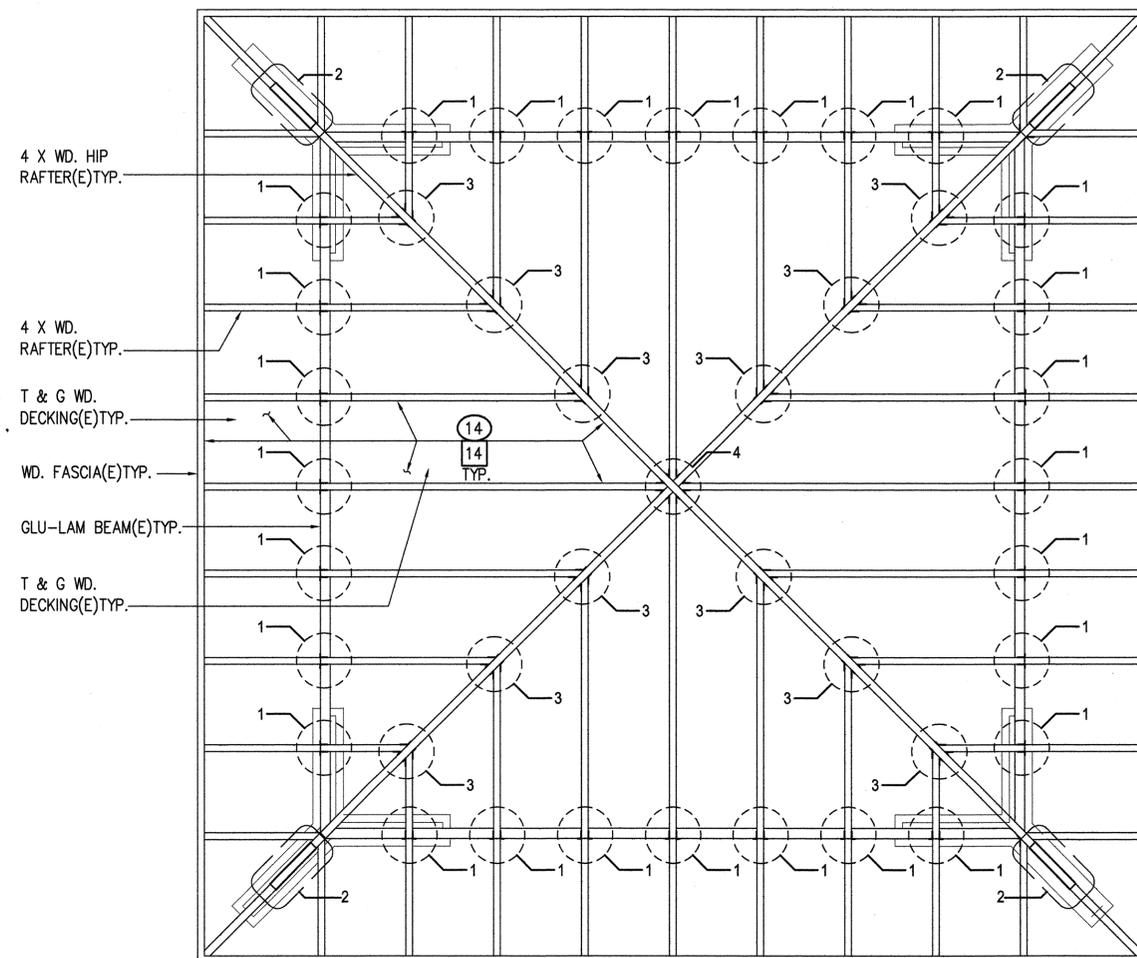
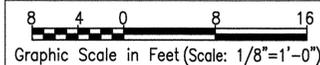
CONNECTOR TYPE LEGEND:	
TYPE	DESCRIPTION
1	WD. BEAM TO WD. RAFTER, SEE TYPE 1, DET. 1/A-8.
2	CRM WALL TO WD. HIP BEAM, SEE TYPE 2, DET. 1/A-8.
3	WD. RAFTERS TO WD. HIP BEAM, SEE TYPE 3, DET. 1/A-8.
4	WD. RAFTERS TO WD. HIP BEAMS AT CLG. APEX. SEE TYPE 4, DET. 1/A-8.

NOTE: SEE DET. A/A-10, DET. 2 FOR CONNECTOR DETAIL.



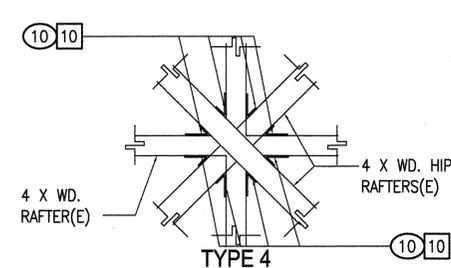
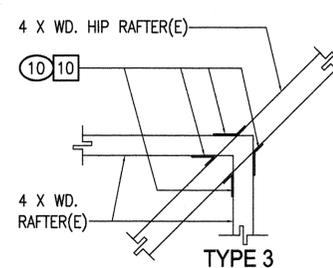
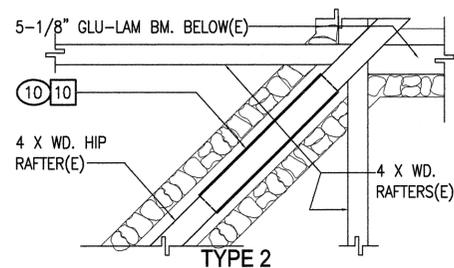
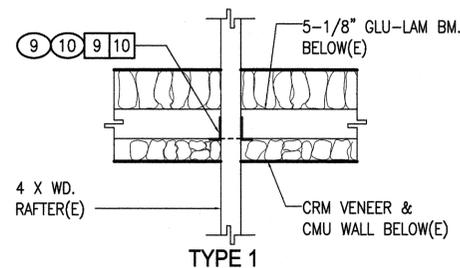
NOTE: SEE SHT. A-7 FOR REMOVAL & NEW WORK NOTES.

A NORTH PAVILION - EXISTING FLOOR PLAN
SCALE : 1/8" = 1'-0"



NOTE: SEE SHT. A-7 FOR REMOVAL & NEW WORK NOTES.

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



NOTE: SEE SHT. A-7 FOR REMOVAL & NEW WORK NOTES.

1 NORTH PAVILION (SOUTH PAVILION SIM.) - METAL CONNECTOR TYPES
SCALE : 3/4" = 1'-0"

REVISION NO.	SYM.	DESCRIPTION	SHT./OF	DATE	APPROVED

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.
EXPIRES: 4/30/2018

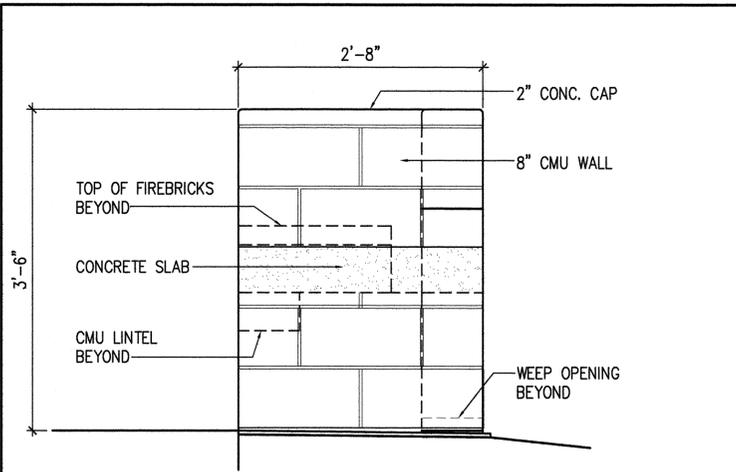
STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
ENGINEERING DIVISION

HAPUNA BEACH STATE RECREATION AREA PHASE 3 PARK IMPROVEMENTS AND REPAIRS

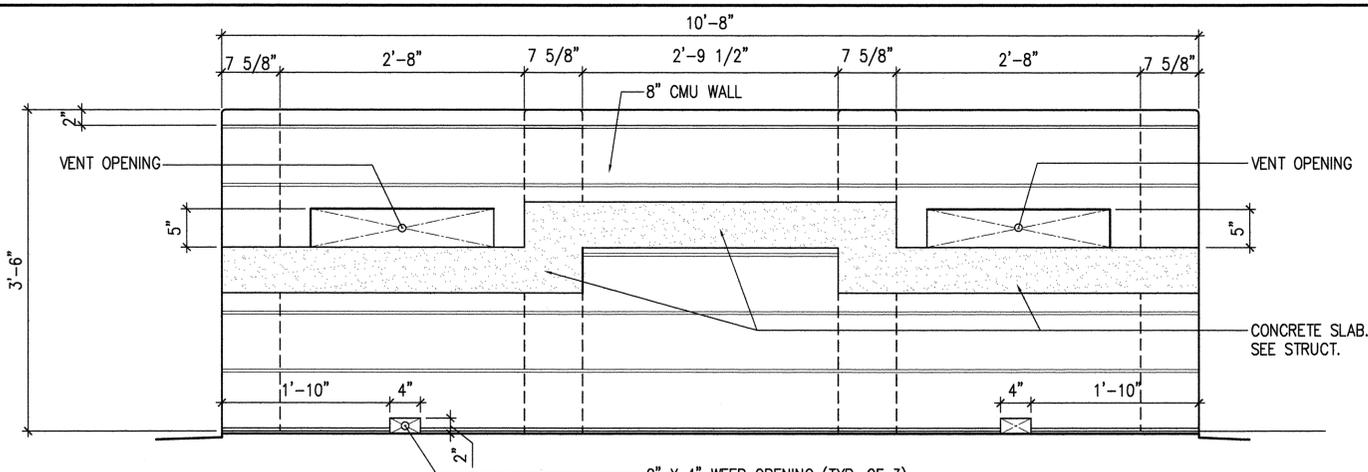
NORTH PAVILION - EXISTING FLOOR PLAN, REFLECTED CEILING PLAN, METAL CONNECTOR TYPES

DESIGNED: RA
DRAWN: BGJ
CHECKED: KS
APPROVED: *[Signature]*
CHIEF ENGINEER

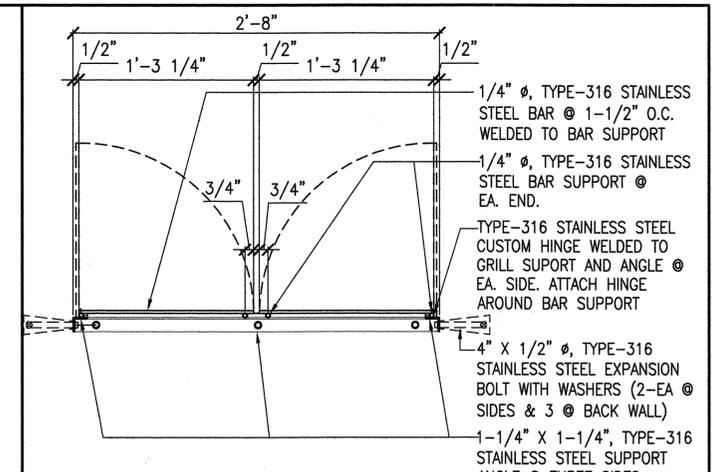
SUBMITTED: *[Signature]*
DATE: APRIL 2016
SCALE:
DATE: MAY - 3 2016
DRAWING NO. **A-8**



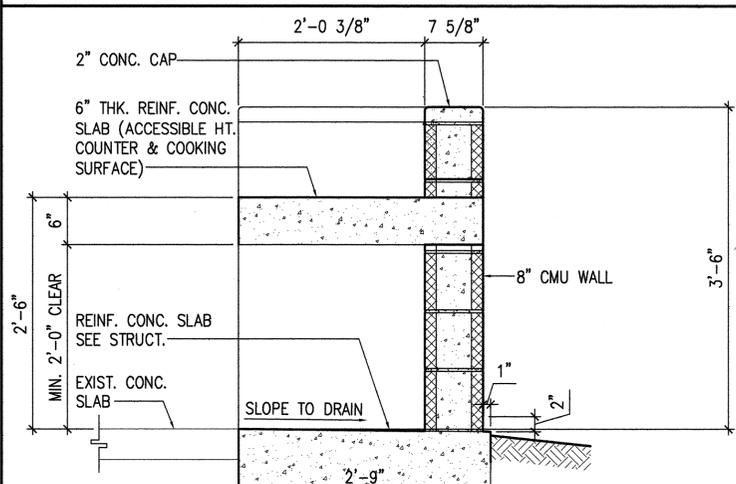
D SIDE ELEVATION
A-9 SCALE : 1"=1'-0"



C REAR ELEVATION
A-9 SCALE : 1"=1'-0"

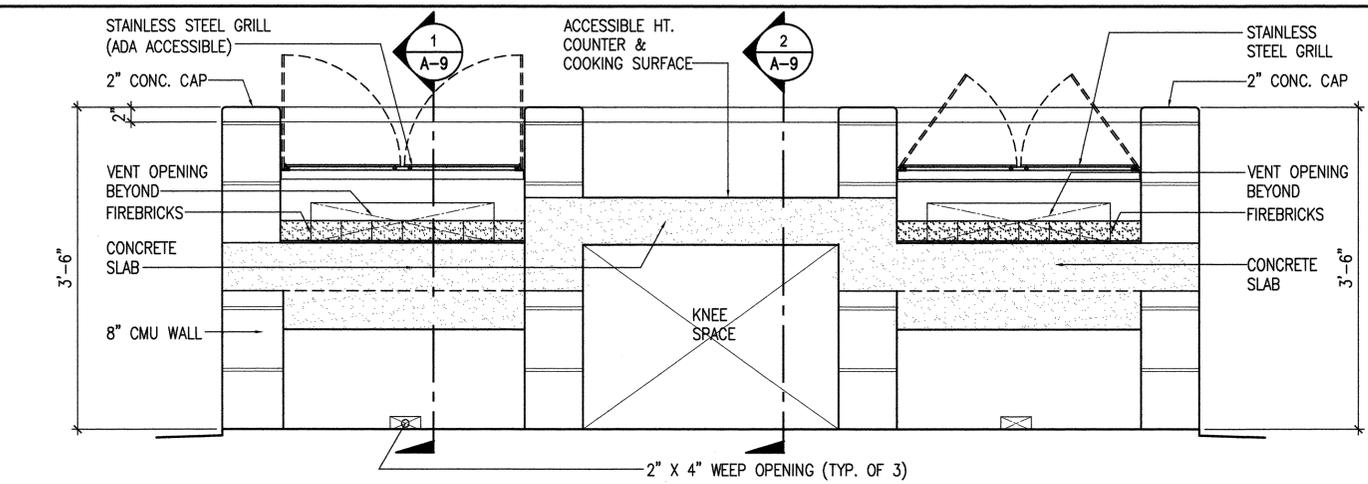


3 STAINLESS STEEL GRILL TOP
A-9 SCALE : 1-1/2"=1'-0"

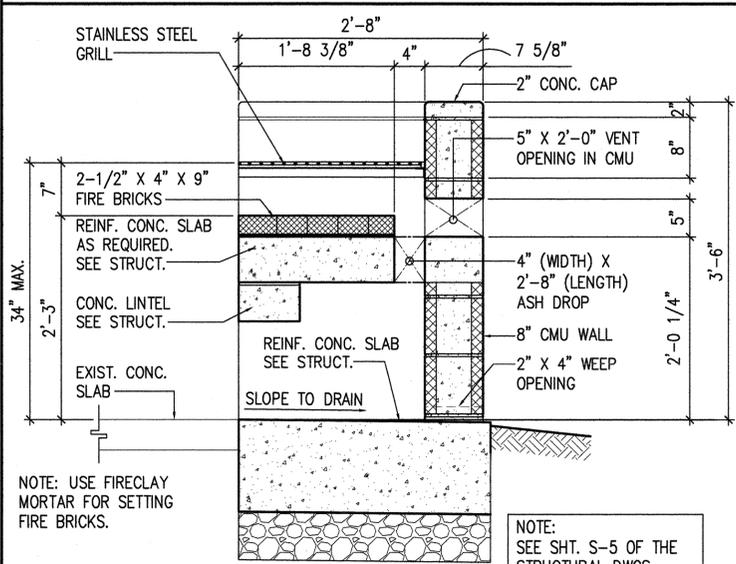


2 SECTION
A-9 SCALE : 1"=1'-0"

NOTE: SEE SHT. S-5 OF THE STRUCTURAL DWGS. FOR STRUCTURAL REINFORCEMENT



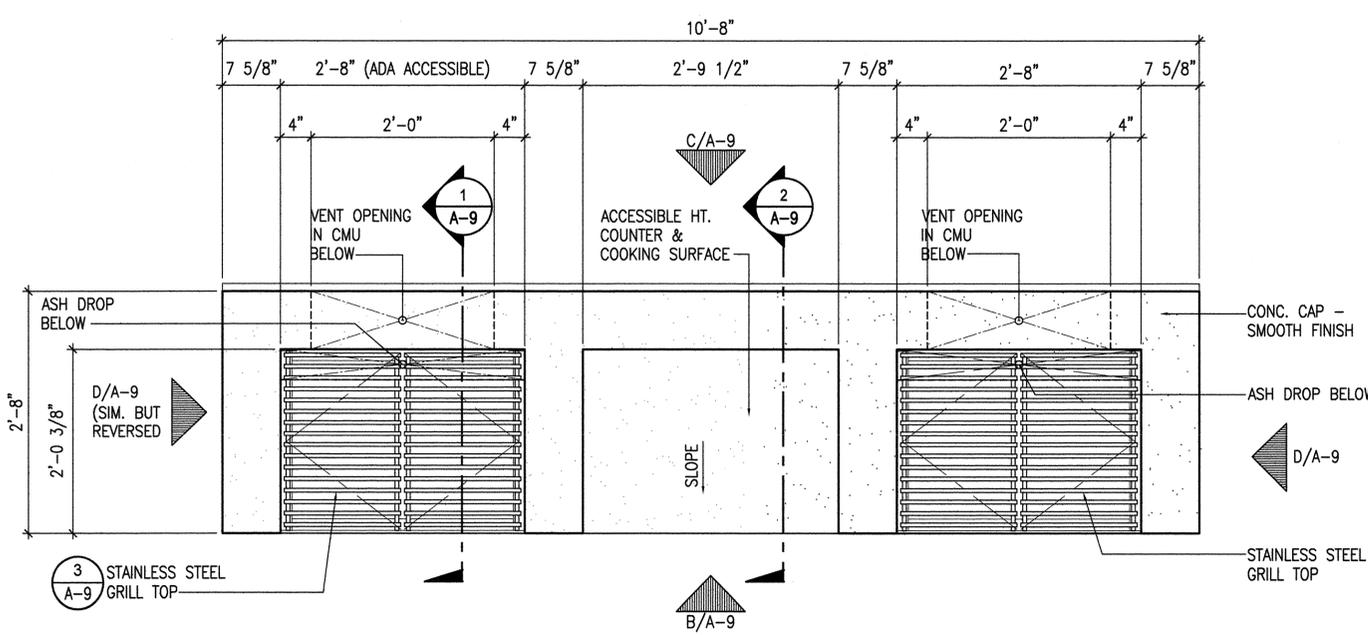
B FRONT ELEVATION
A-9 SCALE : 1"=1'-0"



1 SECTION
A-9 SCALE : 1"=1'-0"

NOTE: USE FIRECLAY MORTAR FOR SETTING FIRE BRICKS.

NOTE: SEE SHT. S-5 OF THE STRUCTURAL DWGS. FOR STRUCTURAL REINFORCEMENT



A BAR-B-Q GRILL PLAN
A-9 SCALE : 1"=1'-0"

REVISION NO.	SYM.	DESCRIPTION	SHT./OF	DATE	APPROVED

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APPROVED: *[Signature]*
CHIEF ENGINEER

EXPIRES: 4/30/2018

STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
ENGINEERING DIVISION

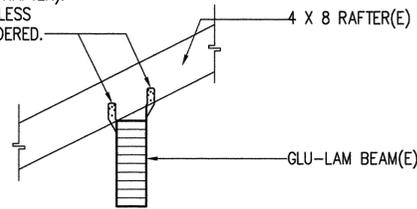
**HAPUNA BEACH STATE
RECREATION AREA PHASE 3 PARK
IMPROVEMENTS AND REPAIRS**

BAR-B-Q PLAN & SECTIONS

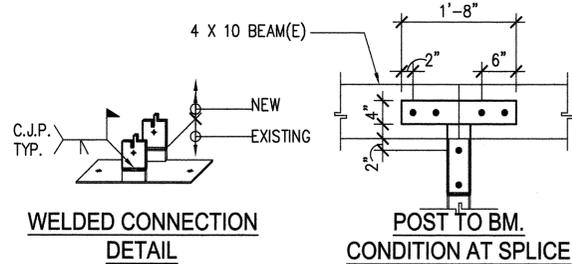
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DRAWN: BGJ	DATE: APRIL 2016
CHECKED: KS	SCALE:
APPROVED: <i>[Signature]</i>	DRAWING NO. A-9

MAY - 3 2016
DATE

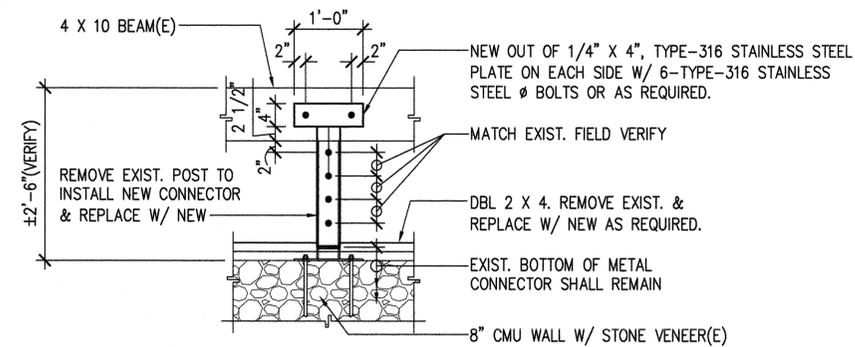
USE "SIMPSON STRONG-TIE"
TWO - TYPE-316 STAINLESS STEEL,
H8 (ONE ON EACH FACE OF RAFTER),
H8 OUT OF TYPE-316 STAINLESS
STEEL MUST BE SPECIAL ORDERED.



2 TYPICAL DETAIL FOR NORTH & SOUTH PAVILIONS



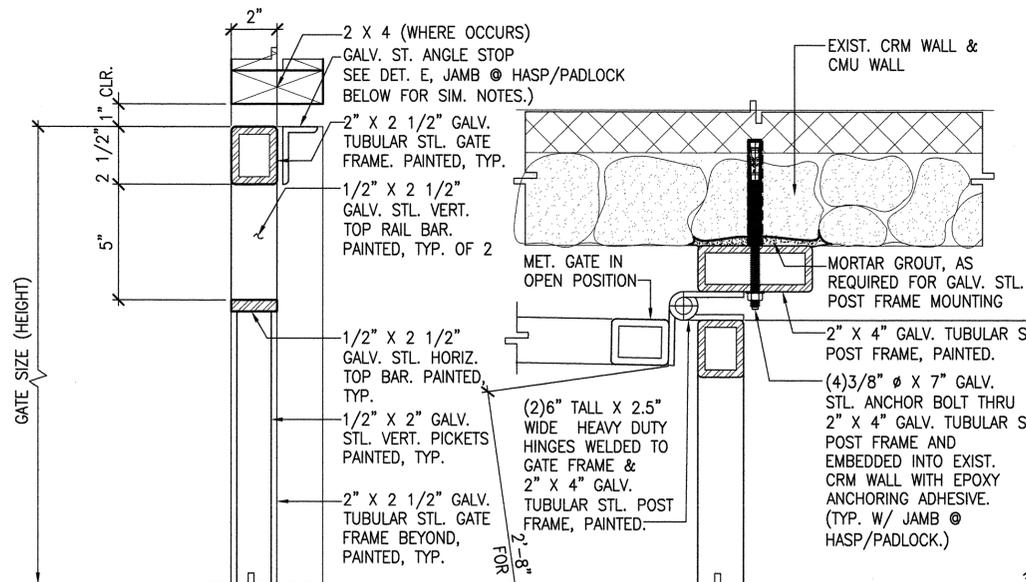
- NOTES:
1. ALL NEW PLATE SHALL BE TYPE-316 STAINLESS STEEL.
 2. REMOVE ALL VISIBLE RUST FROM EXISTING STEEL PLATE TO REMAIN. APPLY ZINC RICH PAINT.
 3. INITIATE FIRE WATCH AFTER ALL WELDING.
 4. CONNECTOR AT ONLY ONE BOLT SHALL BE REPAIRED AT A GIVEN TIME.



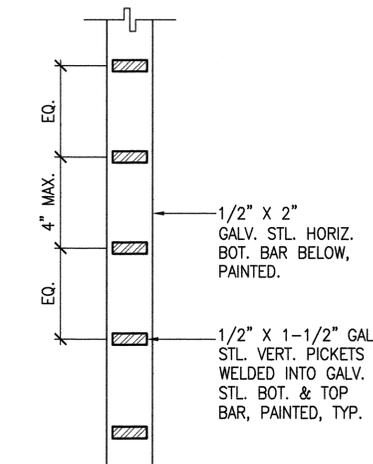
POST TO BEAM TYP. CONDITION

1 TYPICAL DETAIL FOR NORTH & SOUTH & PARKING COMFORT STATIONS

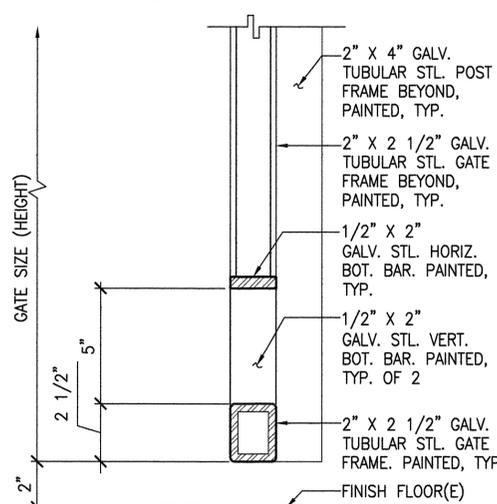
A METAL CONNECTOR DETAILS
SCALE : 3/4"=1'-0"



C HEAD CONDITION

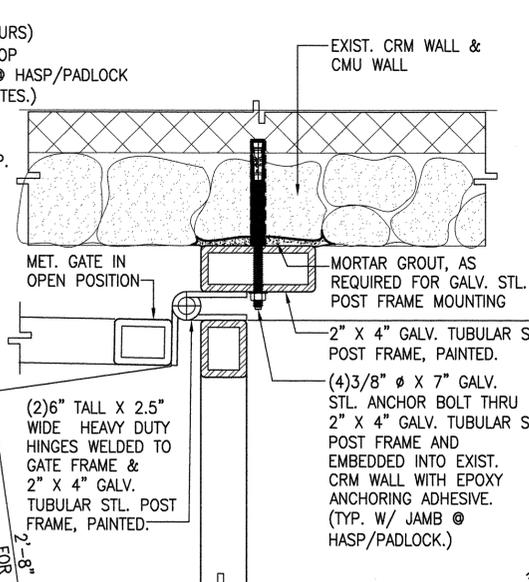


B CROSS SECTION

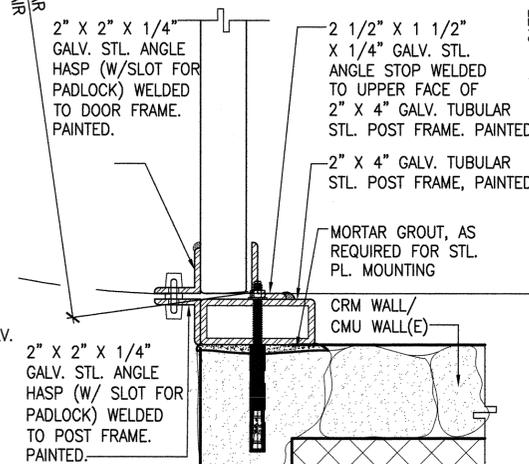


A THRESHOLD

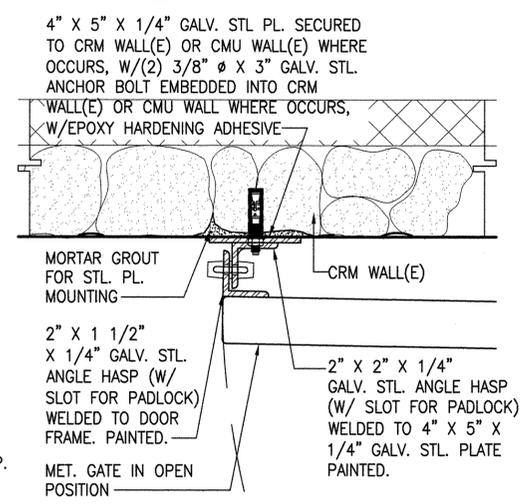
B METAL GATE DETAILS
SCALE : 3"=1'-0"



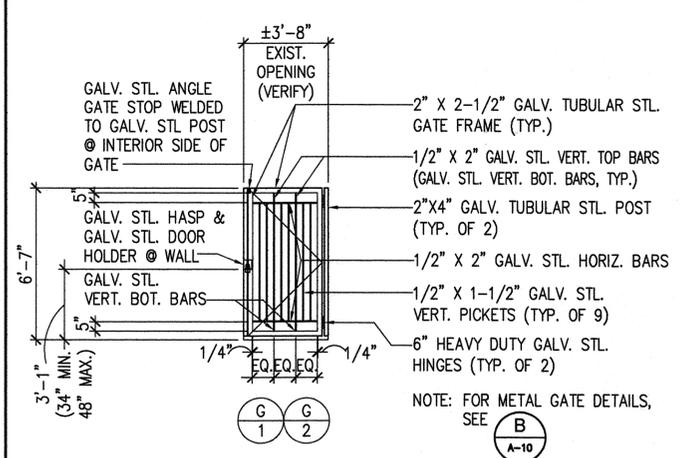
F JAMB @ GATE HINGE



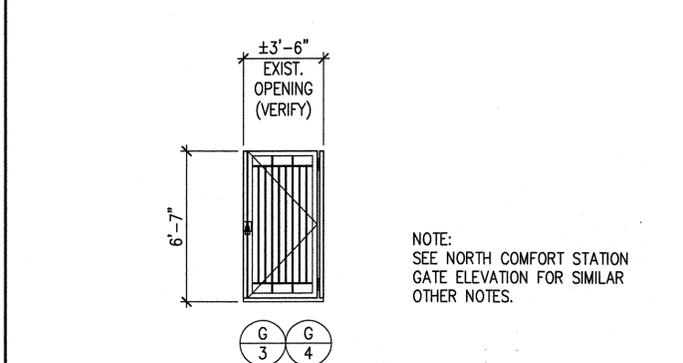
E JAMB @ HASP/PADLOCK



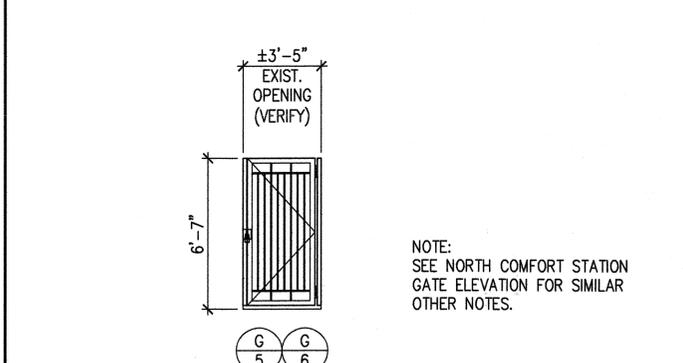
D @ GATE HOLDER



NORTH COMFORT STATION - GATE ELEV.



SOUTH COMFORT STATION - GATE ELEV.



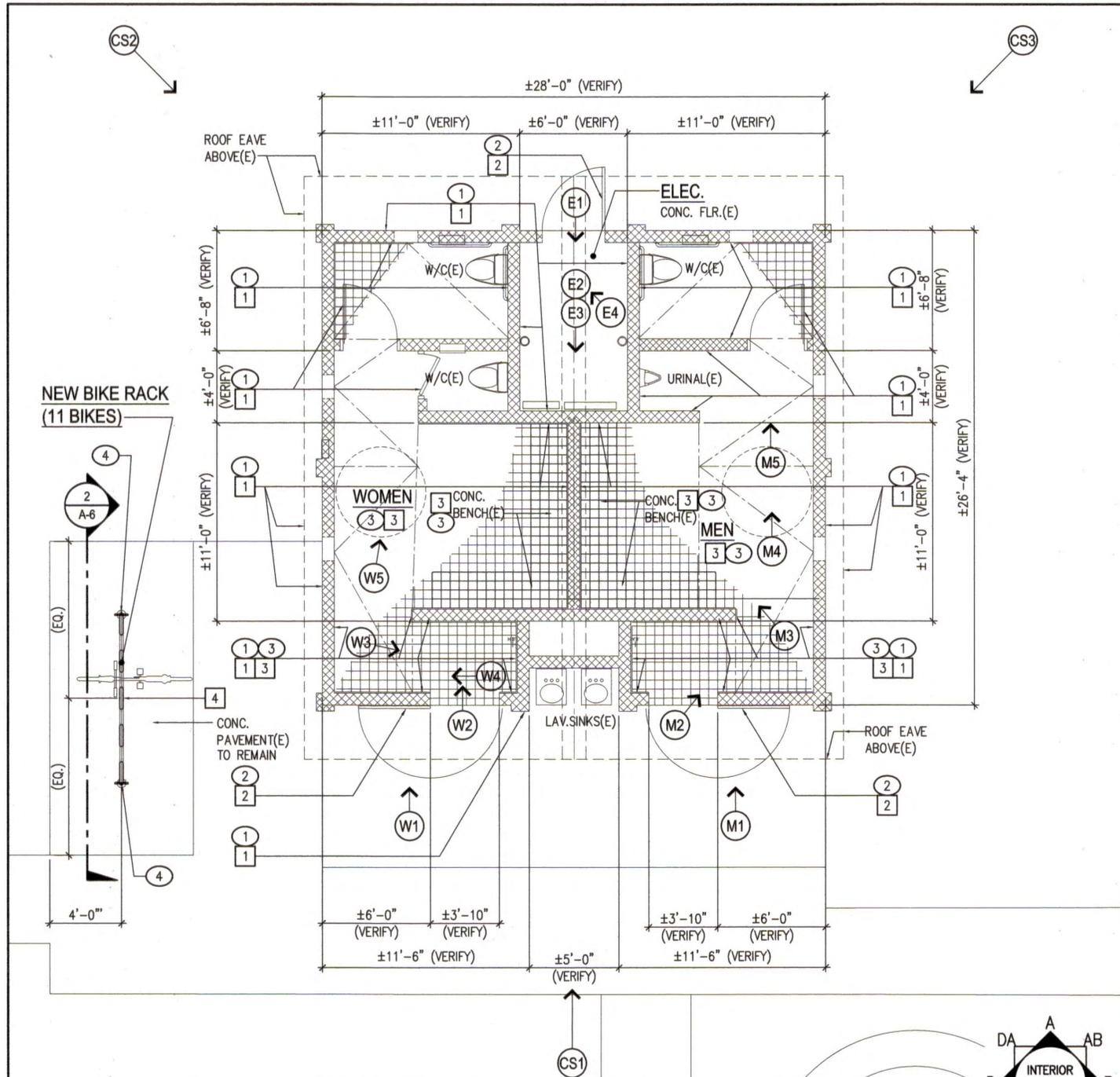
PARKING COMFORT STATION - GATE ELEV.

C METAL GATE ELEVATIONS
SCALE : 1/4"= 1'-0"

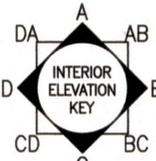
REVISION NO.	SYM.	DESCRIPTION	SHT./OF	DATE	APPROVED
STATE OF HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES ENGINEERING DIVISION					
HAPUNA BEACH STATE RECREATION AREA PHASE 3 PARK IMPROVEMENTS AND REPAIRS					
METAL CONNECTOR DETAILS, METAL GATE DETAILS, METAL GATE ELEVATIONS					
DESIGNED: RA	SUBMITTED: <input checked="" type="checkbox"/>				
DRAWN: BGJ	DATE: APRIL 2016				
CHECKED: KS	SCALE:				
APPROVED:	MAY - 3 2016		DRAWING NO. A-10		
CHIEF ENGINEER		DATE			



THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION.
EXPIRES: 4/30/2018



A WAIALEA BEACH COMFORT STATION - EXISTING FLOOR PLAN & NEW BIKE RACK PLAN
 A-11 SCALE: 1/4" = 1'-0"



SEE SHEET A-12 FOR INTERIOR ELEVATIONS

REMOVAL WORK NOTES - WAIALEA BEACH		NEW WORK NOTES - WAIALEA BEACH		PAINTING NOTES	
MARK	DESCRIPTION	MARK	DESCRIPTION	MARK	DESCRIPTION
1	PREPARE SURFACES OF EXIST. CMU WALL, EXIST. SCREEN BLOCK, EXIST. 4 X WD. POSTS, EXIST. METAL GRILLE, EXIST. RAFTERS, EXIST. PLYWOOD SHEATHING, EXIST. EXT. GRADE PLYWOOD WALL, EXIST. TOILET PARTITION DOOR & FRAMES, UNDERNEATH OF EXIST. CONC. BENCH & CMU SUPPORTS, FOR PAINTING.	1	PAINT FINISH ON SURFACES OF EXIST. CMU WALL, EXIST. SCREEN BLOCK, EXIST. 4 X WD. POSTS, EXIST. METAL GRILLE, EXIST. RAFTERS, EXIST. PLYWOOD SHEATHING, EXIST. EXT. GRADE PLYWOOD WALL, EXIST. TOILET PARTITION DOOR & FRAMES, UNDERNEATH OF EXIST. CONC. BENCH & CMU SUPPORTS.	PT-1	DARK BEIGE. CONTRACTOR TO MATCH EXIST.
2	PREPARE SURFACES OF EXIST. METAL DOOR, FRAME & DOOR HASP, EXIST. METAL GRILL GATE, METAL FRAME, METAL HINGES, METAL POSTS, METAL HASP & METAL DOOR HOLDER FOR PAINTING.	2	PAINT FINISH SURFACES OF EXIST. METAL DOOR, FRAME & DOOR HASP, EXIST. METAL GRILL GATE, METAL FRAME, METAL HINGES, METAL POSTS, METAL HASP & METAL DOOR HOLDER FOR PAINTING.	PT-2	BEIGE. CONTRACTOR TO MATCH EXIST.
3	PREPARE SURFACES FOR INSTALLATION OF NEW FLOOR TILE, 2'-0" HIGH TILE WAINSCOT OR TILE ON CONC. BENCH.	3	TILE FLR. TO MATCH EXIST FLR. @ HAPUNA BEACH RESTRMS. TILE ON BENCH & FRONT/SIDE EDGES & TILE WAINSCOT TO MATCH EXIST. WAINSCOT.	PT-3	GRAY. CONTRACTOR TO MATCH EXIST.
4	PREPARE AREA. DRILL HOLES PER MANUFACTURER'S RECOMMENDATIONS INTO EXIST. CONC. PAVEMENT FOR NEW BIKE RACK	4	WAVE STYLE (11 BIKES) BIKE RACK ON EXIST. CONC. PAVEMENT PER MANUF. RECOMMENDATIONS. PAINT FINISH.	MARK SYMBOL LEGEND:	
				1	REMOVAL NOTE
				1	NEW WORK NOTE
				PT-1	PAINTING NOTE
				W1	PHOTO KEY NOTE

E4 ELECTRICAL RM.
W5 WOMEN'S
M5 MEN'S
E3 ELECTRICAL RM.
W4 WOMEN'S
M4 MEN'S
E2 ELECTRICAL RM.
W3 WOMEN'S
M3 MEN'S
E1 ELECTRICAL RM.
W2 WOMEN'S
M2 MEN'S
CS3 LEFT/REAR ELEV.
W1 METAL GATE(E) @ WOMEN'S
M1 METAL GATE(E) @ MEN'S

CS2 REAR/RIGHT ELEV.
CS1 FRONT ELEV.
W1 METAL GATE(E) @ WOMEN'S

NOTE: SEE CS1 FRONT ELEV./SHT.A-11 FOR SIMILAR PAINTING NOTES

NOTE: SEE CS1 FRONT ELEV./SHT.A-11 FOR SIMILAR PAINTING NOTES

B WAIALEA BEACH COMFORT STA. - PHOTO ELEV.
 A-11 SCALE: 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

WAIALEA BEACH COMFORT STA. - EXIST. FLR. & NEW BIKE RACK PLAN, PHOTO ELEV., REMOVAL, NEW WORK, & PAINTING NOTES

DESIGNED: RA SUBMITTED: [Signature]
 DRAWN: BGJ DATE: APRIL 2016
 CHECKED: KS SCALE:
 APPROVED: [Signature] DATE: MAY - 3 2016
 CHIEF ENGINEER

RONALD KATSUMI WA
 REGISTERED PROFESSIONAL ARCHITECT
 No. 4281
 HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
 EXPIRES: 4/30/2018

DRAWING NO. **A-11**