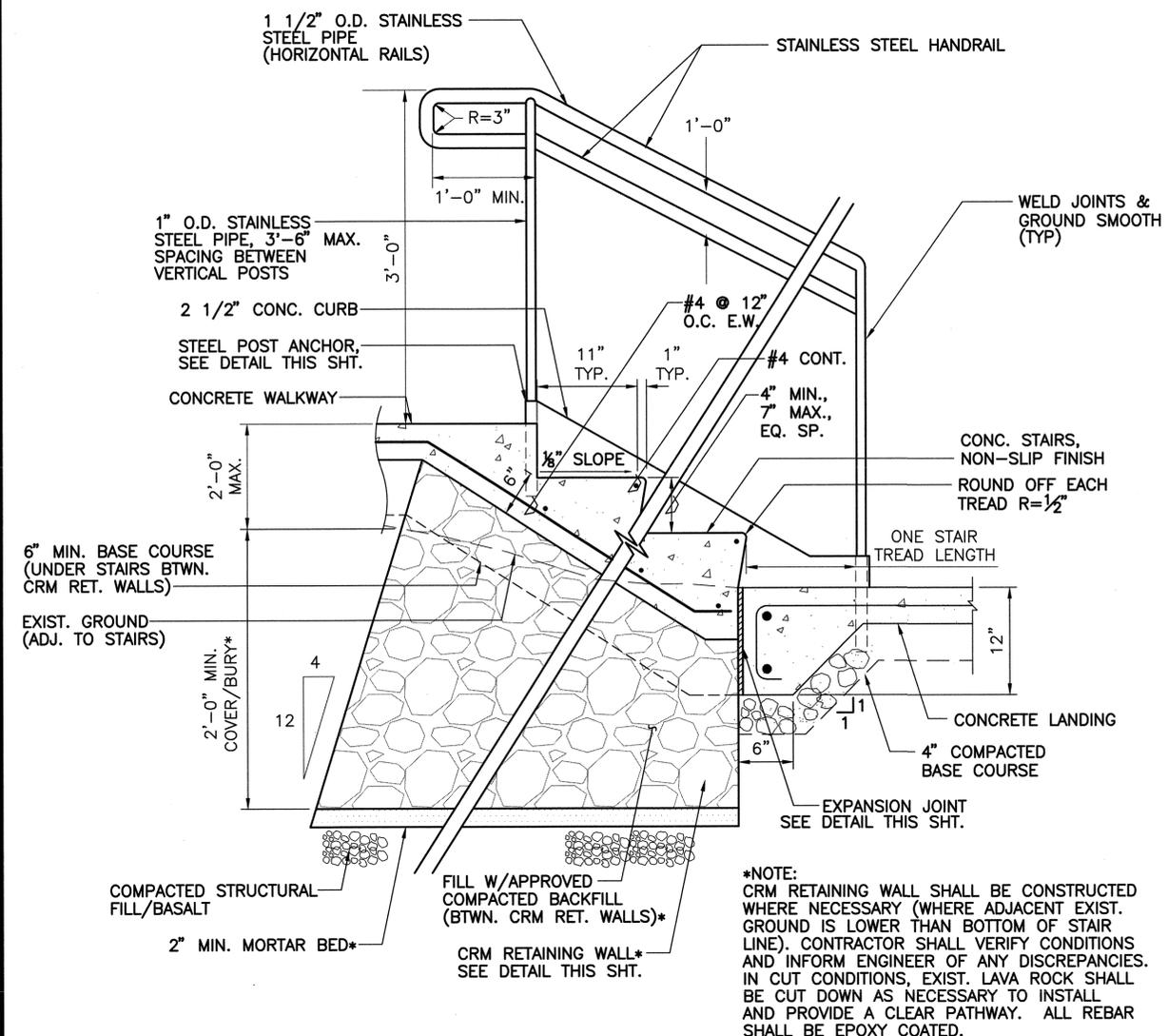
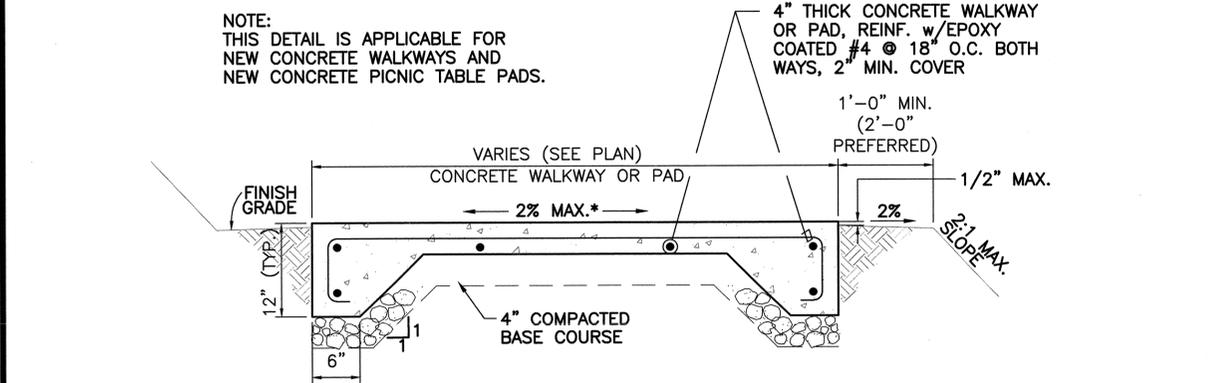


01/09/2016 13:21:35 - 008 - WALKWAY, KEKAHA KAI STATE PARK, KUA BAY, HAWAII, SHEETS 2130088-CADWKS SCALE=1:1

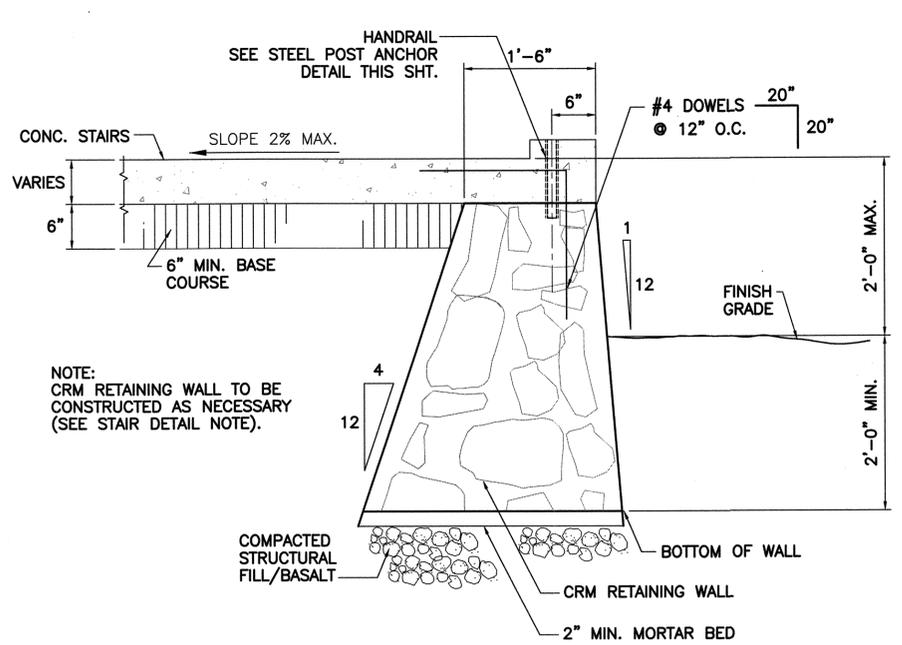


**CONCRETE STAIR DETAIL**  
NOT TO SCALE

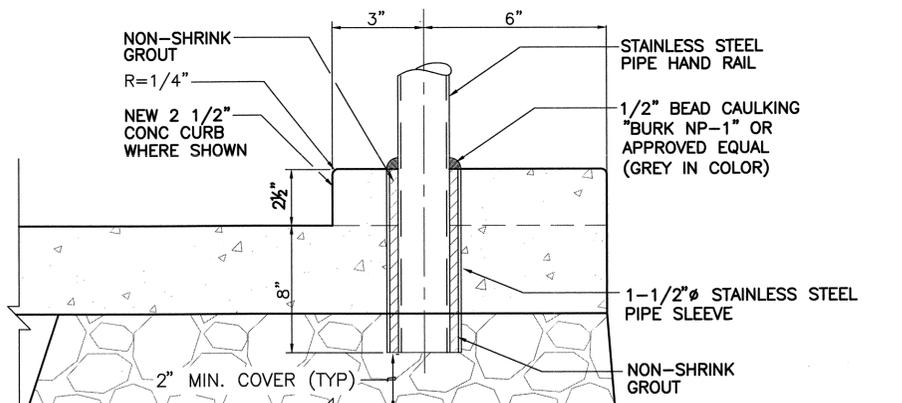


**CONCRETE WALKWAY OR PAD DETAIL**  
NOT TO SCALE

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



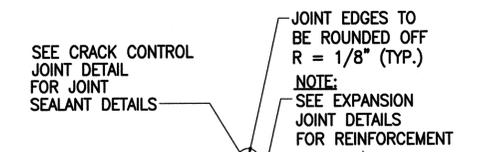
**CRM RETAINING WALL**  
NOT TO SCALE



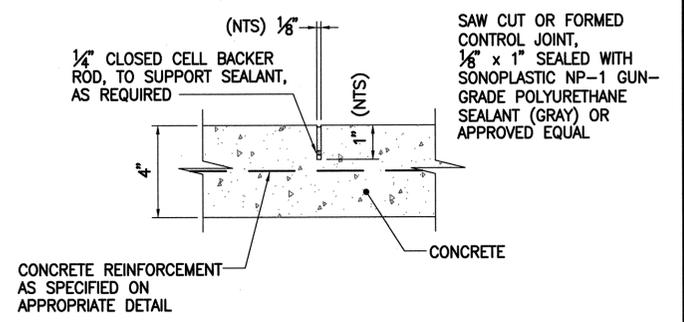
**STEEL POST ANCHOR**  
NOT TO SCALE

**JOINT NOTES:**

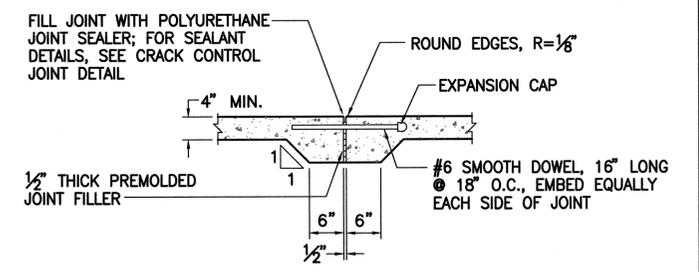
1. MAXIMUM SPACING BETWEEN ANY TWO CONSECUTIVE CONTROL JOINTS SHALL BE 5 FEET. CONTROL JOINTS SHALL BE PLACED IN THE LONGITUDINAL AND TRANSVERSE DIRECTIONS ON SIDEWALKS, AND AS SHOWN ON THE PLANS.
2. CONTROL JOINTS SHALL BE SAW CUT WITHIN 24 HOURS PRIOR TO PLACEMENT OF JOINT SEALANTS.
3. ALL SAW CUT JOINTS SHALL BE CLEAN AND FREE OF DIRT, DUST, AND WATER PRIOR TO PLACEMENTS OF JOINT SEALANT.
4. ALL CONTROL JOINTS SHALL BE STRAIGHT AND PERPENDICULAR TO CENTERLINE OF WALKWAY.
5. ALL EXTERIOR EXPOSED CONCRETE SHALL BE BROOM FINISHED, UNLESS OTHERWISE NOTED.
6. EXPANSION JOINTS SHALL BE PLACED AT 20 FEET MAX. SPACING, AT THE END OF CURB RETURNS, AND AS SHOWN ON THE PLANS.
7. CONSTRUCTION JOINTS SHALL BE PLACED AT ALL LOCATIONS WHERE NEW CONCRETE MATCHES EXISTING.



**CONSTRUCTION JOINT DETAIL**  
NOT TO SCALE



**CRACK CONTROL JOINT DETAIL**  
NOT TO SCALE



**EXPANSION JOINT DETAIL**  
NOT TO SCALE

REVISION NO.	SYM.	DESCRIPTION	SHT. OF	DATE	APPROVED
STATE OF HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES ENGINEERING DIVISION  <b>KEKAHA KAI STATE PARK            KUA BAY IMPROVEMENTS</b>  CONCRETE WALKWAY, PAD, AND STAIR DETAILS					
DESIGNED: MHD		SUBMITTED: <i>gc</i>			
DRAWN: SS/MHD		DATE: APRIL 2016			
CHECKED: BKM		SCALE: AS NOTED			
APPROVED: <i>Melanie DeMello</i>		DATE: APR 25 2016		DRAWING NO. C-4	
CHIEF ENGINEER		DATE			



**ABBREVIATIONS**

ABV	ABOVE	JAN	JANITOR
AC	ASPHALT CONCRETE	I.D.	INSIDE DIAMETER
AFF	ABOVE FINISH FLOOR	INT	INTERIOR
ALUM	ALUMINUM	MAX	MAXIMUM
APPROX	APPROXIMATE	MET	METAL
@	AT	MIN	MINIMUM
BLDG	BUILDING	M.O.	MASONRY OPENING
BD	BOARD	MTD	MOUNT/MOUNTED
CL	CENTER LINE	NIC	NOT IN CONTRACT
CJ	CONSTRUCTION JOINT/ CONTROL JOINT	NTS	NOT TO SCALE
CLG	CEILING	OC	ON CENTER
CLR	CLEAR	O.D.	OUTSIDE DIAMETER
CMU	CONCRETE MASONRY UNIT	PLAS	PLASTIC
COL	COLUMN	PLYWD	PLYWOOD
COMM	COMMUNICATION	PL	PLATE
CONC	CONCRETE	PREP	PREPARE
CONT	CONTINUOUS	#	POUND
C.O.	CLEANOUT	QTY	QUANTITY
COORD	COORDINATE	REINF	REINFORCED
CPT	CARPET	REQ'D	REQUIRED
CT	CERAMIC TILE	SC	SOLID CORE
D	DEPTH/ DOOR	SCHED	SCHEDULED
Ø	DIAMETER	SF	SQUARE FEET
E, (E)	EXISTING	SHT	SHEET
ELEC	ELECTRICAL	SIM	SIMILAR
EQ	EQUAL	SQ	SQUARE
EQUIP	EQUIPMENT	SS	STAINLESS STEEL
EXP	EXPANDED	S/S	SOLID SURFACE
EXST	EXISTING	STL	STEEL
EXT	EXTERIOR	STOR	STORAGE
FEC	FIRE EXTINGUISHER CABINET	STRUCT	STRUCTURAL
FFL	FINISH FLOOR LEVEL	SUSP	SUSPENDED
FIN	FINISH	THK	THICK
FLR	FLOOR	TYP	TYPICAL
FRP	FIBERGLASS REINFORCED POLYMER	VERT	VERTICAL
GALV	GALVANIZED	W/ WD	WITH WOOD
GYP	GYPSUM	WDW	WINDOW
H	HIGH, HEIGHT		
HDG	HOT DIPPED GALVANIZED		
HP	HIGH POINT		
HT	HEIGHT		
HW	HARD WOOD		
HWY	HIGHWAY		

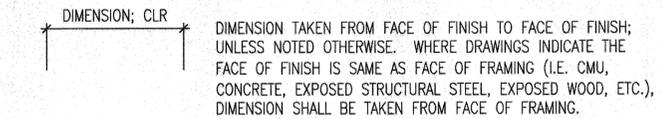
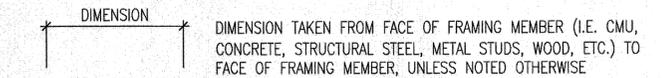
**ARCHITECTURAL NOTES**

- THE PROFESSIONAL'S DRAWINGS ARE GENERALLY DIAGRAMMATIC AND INDICATIVE OF THE WORK AND AS SUCH CANNOT SHOW ALL CONSTRUCTION CONDITIONS. WHERE DETAILS ARE NOT SHOWN, THE CONTRACTOR SHALL PROCEED FOLLOWING THE ACCEPTED QUALITY STANDARDS AND PROCEDURES OF THE CONSTRUCTION INDUSTRY IN THE STATE OF HAWAII FOLLOWING THE GENERAL INTENT OF THE CONSTRUCTION DOCUMENTS. ADJUSTMENTS IN THE WORK TO COMPENSATE FOR MINOR INTERFERENCES AND COORDINATION BETWEEN TRADES SHALL BE ACCOMPLISHED AS PART OF THE WORK AT NO ADDITIONAL COST TO THE STATE. ANY SUCH ADJUSTMENTS IMPACTING THE DIMENSIONS OR APPEARANCE OF THE FINAL PROJECT SHALL BE APPROVED BY THE CONTRACTING OFFICER PRIOR TO INITIATION.
- CONTRACTOR SHALL VERIFY ALL GOVERNING DIMENSIONS, ELEVATIONS, AND CONDITIONS AT THE CONSTRUCTION SITE PRIOR TO BEGINNING ANY WORK. NO EXTRA OR ADDITIONAL COMPENSATION WILL BE ALLOWED ON ACCOUNT OF DIFFERENCE BETWEEN ACTUAL MEASUREMENTS AND DIMENSIONS, ETC. INDICATED ON THE DRAWINGS IF THE WORK IS NOT MATERIALLY CHANGED. ANY DIFFERENCE FOUND SHALL BE REFERRED TO THE CONTRACTING OFFICER FOR INSTRUCTION BEFORE PROCEEDING WITH THE WORK. WHERE EXISTING CONDITIONS REQUIRE DETAILS AND/OR SPECIFICATIONS TO VARY FROM THE CONSTRUCTION DOCUMENTS, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE CONTRACTING OFFICER IN WRITING AND PROPOSE ALTERNATE METHODS AND MATERIALS FOR CONSIDERATION.
- CONTRACTOR SHALL SUBMIT IN WRITING ANY REQUEST FOR MODIFICATION TO THE PLANS AND SPECIFICATIONS TO BE APPROVED BY THE CONTRACTING OFFICER. SUCH MODIFICATIONS, AND OTHER CHANGES CAUSED BY THEM, TO THE PLANS AND SPECIFICATIONS BECOME THE RESPONSIBILITY OF THE CONTRACTOR.
- QUANTITIES SHOWN AND/OR SPECIFIED IN THE DRAWINGS AND SPECIFICATIONS SHALL BE VERIFIED BY THE CONTRACTOR. CONTRACTOR SHALL BE HELD FULLY RESPONSIBLE FOR ALL QUANTITIES REQUIRED FOR A COMPLETE PROJECT.
- CONSTRUCTION SHALL COMPLY WITH THE 2006 INTERNATIONAL BUILDING CODE (IBC) WITH COUNTY AMENDMENTS PER HAWAII COUNTY CODE, 2010 ADAAG (AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES), AND OTHER APPLICABLE CODES IN EFFECT.
- DIMENSIONS:**  
-DIMENSIONS SHALL HAVE PRECEDENCE OVER SCALE.  
-DIMENSIONS SHALL BE FIELD VERIFIED BEFORE PROCEEDING WITH THE WORK.  
-± (PLUS OR MINUS) DIMENSION SHALL BE VERIFIED BY THE CONTRACTOR.  
(E) MEANS "EXISTING". CONTRACTOR SHALL VERIFY EXISTING DIMENSIONS AND CONFIRM SIZES.
- WHERE EXISTING CONDITIONS REQUIRE DETAILS AND/ OR SPECIFICATIONS DIFFERENT FROM THE CONSTRUCTION DOCUMENTS, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE CONTRACTING OFFICER IN WRITING SO THAT ALTERNATIVE METHODS AND MATERIALS MAY BE CONSIDERED.
- THE CONTRACTOR SHALL COORDINATE ALL ACTIVITIES WITH THE CONTRACTING OFFICER OR HIS REPRESENTATIVE DURING CONSTRUCTION. THE CONTRACTOR SHALL SUBMIT AT THE BEGINNING OF THE PROJECT AN OVERALL WORK SCHEDULE AND SHALL PROVIDE A 14-DAY WRITTEN NOTICE TO WORK IN ANY AREA.
- CONTRACTOR SHALL COORDINATE WITH CONTRACTING OFFICER, AND NOTIFY KEKAHA KAI STATE PARK FACILITIES AND MAINTENANCE MANAGEMENT AT LEAST FOURTEEN (14) WORKING DAYS ADVANCE NOTICE OF ANY INTERFERENCE, DISRUPTION AND/OR OUTAGES TO BUILDING SERVICES.
- PAINT APPLICATION SHALL BE BY BRUSH AND ROLLER ONLY, UNLESS WRITTEN APPROVAL FROM THE CONTRACTING OFFICER IS OBTAINED.
- STRUCTURES UNDERGOING CONSTRUCTION, ALTERATION, OR DEMOLITION OPERATIONS, INCLUDING THOSE IN UNDERGROUND LOCATIONS, SHALL COMPLY WITH NFPA (NATIONAL FIRE PROTECTION ASSOCIATION) 241, STANDARDS FOR SAFEGUARDING CONSTRUCTION, ALTERATION, AND DEMOLITION OPERATIONS, AND THIS CHAPTER. 2006 NFPA 1.
- THE CONTRACTOR SHALL PATCH AND PAINT ALL SURFACES THAT HAVE BEEN EXPOSED FROM CUTTING AND/OR REMOVAL. PAINTING SHALL MATCH THE COLOR AND FINISH OF THE ADJACENT SURFACES.
- ALL EXISTING ITEMS AND FINISHES SCHEDULED TO REMAIN DAMAGED DURING CONSTRUCTION AND OVERPAINTED EXISTING MATERIALS SHALL BE CORRECTED TO MATCH THE EXISTING MATERIAL AND FINISHES AT NO ADDITIONAL COST TO THE STATE AND TO THE STATE'S SATISFACTION.
- "REPLACE" MEANS THAT THE CONTRACTOR SHALL REMOVE EXISTING WORK AND TO FURNISH AND INSTALL "NEW" ITEM TO MATCH THE EXISTING DESIGN (E.G., MATERIAL, THICKNESS, COLOR, QUALITY, CONSTRUCTION, ETC.) UNLESS OTHERWISE DETAILED OR NOTED. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITION AND DESIGN PRIOR TO REMOVAL.
- ALL MATERIALS, ITEMS WORK, NOTED IN THE DRAWINGS SHALL BE "NEW" UNLESS OTHERWISE INDICATED "EXISTING", "EXST" OR "EXIST".
- "PROVIDE" MEANS FURNISH AND INSTALL NEW ITEM(S) AS DETAILED OR NOTED IN THE CONTRACT DOCUMENTS.
- ALL NEW MATERIALS SHALL BE ASBESTOS FREE. IF ANY NEW MATERIAL FROM THIS PROJECT IS LATER IDENTIFIED AS ASBESTOS CONTAINING MATERIAL, THE CONTRACTOR SHALL BE LIABLE FOR ALL COST ASSOCIATED WITH THE ASBESTOS IDENTIFICATION, ASBESTOS ABATEMENT, AND REPLACEMENT OF THE MATERIAL. ANY EXCEPTION SHALL BE MADE WITH THE CONTRACTING OFFICER'S APPROVAL.
- TYPICAL HOURS OF WORK, AND CONTRACTOR ACCESS TO THE WORK AREA SHALL BE COORDINATED WITH KEKAHA KAI STATE PARK FACILITIES AND MAINTENANCE MANAGEMENT.
- ALL WASTE MATERIALS SHALL BE PROMPTLY REMOVED AND PROPERLY DISPOSED OF OUTSIDE THE LIMITS OF KEKAHA KAI STATE PARK. AT THE END OF CONSTRUCTION, ALL ITEMS AND EQUIPMENT TEMPORARILY REMOVED OR RELOCATED DURING THE CONSTRUCTION PROCESS SHALL BE REINSTALLED IN THE SAME LOCATION PRIOR TO THE REMOVAL, OR IN A DIFFERENT LOCATION AS NOTED IN THE DRAWINGS, OR IN A LOCATION APPROVED BY THE STATE/USER.

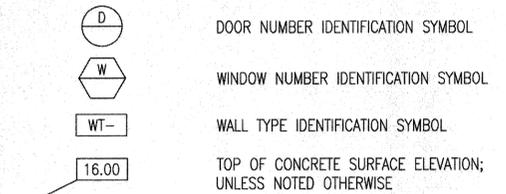
- WHERE WARRANTIES ARE SPECIFIED, CONTRACTOR'S BID SHALL INCLUDE FULL COMPLIANCE OF ALL CONDITIONS REQUIRED BY THE WARRANTIES. WHERE THE MANUFACTURER'S WARRANTY REQUIREMENTS AND/OR RECOMMENDATIONS VARY FROM THE REQUIREMENTS OF THE CONSTRUCTION DOCUMENTS, THE CONTRACTOR IS EXPECTED TO COMPLY WITH THE STRICTER OF THE TWO PROVIDING REQUIREMENTS DO NOT VOID WARRANTY. CONTRACTOR SHALL INFORM THE CONTRACTING OFFICER IN WRITING, PROVIDE SHOP DRAWINGS AND AS-BUILT DRAWINGS WHERE PROPOSED CONSTRUCTION WILL DEVIATE FROM THE CONSTRUCTION DOCUMENTS.
- CONTRACTOR SHALL MONITOR QUALITY CONTROL AND TIME MANAGEMENT OVER SUBCONTRACTORS, SUPPLIERS, MANUFACTURERS, PRODUCTS, SERVICES, SITE CONDITIONS, AND WORKMANSHIP, TO PRODUCE WORK OF SPECIFIED QUALITY. REVIEW ALL MATERIAL AND EQUIPMENT AS IT ARRIVES ON SITE PRIOR TO INSTALLATION; DO NOT INSTALL NONCONFORMING MATERIAL OR EQUIPMENT.
- CONTRACTOR SHALL COMPLY WITH SPECIFIED STANDARDS AS A MINIMUM QUALITY FOR THE WORK EXCEPT WHEN MORE STRINGENT TOLERANCES, CODES, OR SPECIFIED REQUIREMENTS INDICATE HIGHER STANDARDS OR MORE PRECISE WORKMANSHIP. PERFORM WORK SHALL BE BY PERSONS QUALIFIED TO PRODUCE WORKMANSHIP OF SPECIFIED QUALITY.
- THE CONTRACTOR SHALL PROTECT ALL ITEMS, IN AND ABOVE GROUND WITHIN THE PROJECT SITE AND ADJACENT PROPERTIES FROM SETTLEMENT AND DAMAGE. SETTLEMENT AND DAMAGE TO BUILDINGS, SIDEWALKS, UTILITY LINES (PLUMBING, ELECTRICAL, TELEPHONE, DATA, ETC.), LANDSCAPING, LAWN, HOSEBIBS, ETC., BY THE CONTRACTOR, THE CONTRACTOR'S EMPLOYEES, SUBCONTRACTORS, AND EQUIPMENT, SHALL BE REPLACED AND/OR REPAIRED AT NO EXTRA COST TO THE GOVERNMENT AND TO THE GOVERNMENT'S SATISFACTION.
- IN ADDITION TO THE ITEMS TO BE REMOVED AND/OR DEMOLISHED AS NOTED IN THESE CONSTRUCTION DOCUMENTS, THE CONTRACTOR SHALL REMOVE, REINSTALL, AND/OR REPAIR ALL PORTIONS OF THE EXISTING BUILDING AS REQUIRED TO FACILITATE THE COMPLETE CONSTRUCTION WORK AS SHOWN IN THESE DRAWINGS AND/OR SPECIFIED IN THE SPECIFICATIONS.
- ARCHITECTURAL DRAWINGS INCLUDE INFORMATION FROM STRUCTURAL, MECHANICAL AND ELECTRICAL FOR GENERAL INFORMATION AND COORDINATION. GENERAL CONTRACTOR MUST REFER TO INDIVIDUAL DISCIPLINES' DRAWINGS/SPECIFICATIONS AND COORDINATE FOR COMPLETE SCOPE OF WORK.
- WORK INCIDENTAL TO THE CONTRACT AND NECESSARY TO PROVIDE A COMPLETE AND OPERABLE EQUIPMENT/PROJECT, ALTHOUGH NOT SPECIFICALLY REFERRED TO ON THE CONTRACT DOCUMENTS, SHALL BE FURNISHED AND PERFORMED AT THE CONTRACTOR'S EXPENSE.
- IN PERFORMING ALL WORK, THE CONTRACTOR SHALL EXERCISE DUE CARE AND CAUTION NECESSARY TO AVOID ANY DAMAGE TO AND IMPAIRMENT OF ANY EXISTING UTILITIES. THE CONTRACTOR SHALL IMMEDIATELY REPAIR OR RESTORE UTILITIES AT THE CONTRACTOR'S EXPENSE.
- CONTRACTOR SHALL KEEP THE PROJECT SITE AND ADJACENT COMMON AREAS NEAT, TIDY & CLEAN AT ALL TIMES DURING CONSTRUCTION. PROVIDE PLASTIC BARRIERS, WALK-OFF MATS, ETC. AT THE COMPLETION OF WORK, THE CONTRACTOR SHALL LEAVE ALL WORK AREAS AND FINISHED SPACES IN CLEAN AND ACCEPTABLE CONDITION. FINAL CLEAN-UP INCLUDES THE INTERIOR OF WINDOWS, INCLUDING GLASS, MULLIONS, AND SILLS, TOP OF DOORS AND DOOR FRAMES, TOPS OF WALL BASES, BUILT-INS, AND ALL FLOORING (WITHIN THE SITE AND COMMON AREAS).
- ARCHITECTURAL DRAWINGS INCLUDE INFORMATION FROM STRUCTURAL, MECHANICAL, AND ELECTRICAL FOR GENERAL INFORMATION AND COORDINATION. GENERAL CONTRACTOR MUST REFER TO INDIVIDUAL DISCIPLINES' DRAWINGS/SPECIFICATIONS AND COORDINATE FOR COMPLETE ACCURATE SCOPE WORK.
- ALL MATERIALS AND EQUIPMENT NECESSARY FOR REPLACEMENT SHALL BE AVAILABLE AND READY FOR INSTALLATION PRIOR TO REMOVAL OF THE EXISTING WORK.
- CONTRACTOR SHALL BE RESPONSIBLE FOR PREPARING COMPLETELY DIMENSIONED INSTALLATION OR SETTING DRAWINGS OF THE VARIOUS EQUIPMENT AND WORK REQUIRING OPENINGS OR OTHER PROVISIONS TO BE MADE IN THE CONSTRUCTION. SUCH DRAWINGS SHALL HAVE THE CONTRACTING OFFICER APPROVAL PRIOR TO THEIR USE.
- CONTRACTOR SHALL PROVIDE A TEMPORARY SAFE PEDESTRIAN PASSAGEWAY AROUND THE CONSTRUCTION SITE THAT COMPLIES WITH 2010 ADAAG (AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES).
- PRIOR TO ANY WORK, THE CONTRACTOR SHALL DEVELOP SAFETY PLANS AND METHODS TO PROTECT THE BUILDING, THE ROOFS, PEOPLE BELOW/INSIDE THE BUILDING AND THE BUILDING GROUNDS FROM FALLING OBJECTS, DEBRIS, ETC. PROTECTION BARRIERS SHALL BE IN PLACE AND MAINTAINED CONTINUOUSLY WHEN OVERHEAD WORK IS BEING PERFORMED. CONSTRUCTION TAPE WILL NOT BE ACCEPTABLE AS A BARRICADE. CONSIDER TRAFFIC/BARRICADE PLANS TO CONTROL PEDESTRIAN AND VEHICULAR TRAFFIC AROUND, IN AND OUT OF THE BUILDING. ADDITIONAL PROTECTION/ BARRICADES MAY BE REQUIRED BY THE STATE IF BARRIERS ARE DETERMINED INADEQUATE AT NO ADDITIONAL COST.
- CONTRACTOR SHALL PERFORM A PRE-FINAL INSPECTION AND PROVIDE THE INSPECTION REPORT TO THE CONTRACTING OFFICER. WHEN THE CONTRACTOR HAS COMPLETED CORRECTING PUNCH LIST ITEMS, THE ANNOTATED PUNCH LIST SHALL BE PROVIDED TO THE CONTRACTING OFFICER AND A PRE-FINAL INSPECTION WITH THE CONSULTANTS WILL BE SCHEDULED. THE PRE-FINAL INSPECTION IS CONDUCTED WHEN THE PROJECT IS COMPLETE AND IS INTENDED TO DETERMINE IF ANY COMPLETED WORK IS NOT SATISFACTORY. IF INCOMPLETE WORK ITEMS ARE FOUND, THE INSPECTION MAY BE TERMINATED AND RESCHEDULED WHEN THE CONTRACTOR COMPLETES THE WORK.
- FIRE STOPPING SHALL BE INSTALLED AT ALL PENETRATIONS THROUGH FIRE RATED ASSEMBLIES (I.E. WALL, FLOOR/CEILING, ROOF/CEILING, SHAFTS, ETC).
- FOR HAZARDOUS MATERIAL ABATEMENT (E.G., LBP AND OTHERS) REFER TO SPECIFICATIONS.
- ALL REBARS SHALL BE EPOXY COATED.

**REFERENCE SYMBOLS**

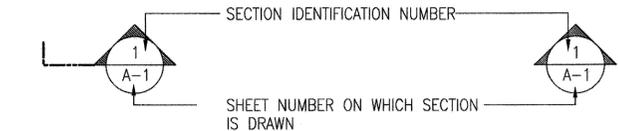
**DIMENSIONS**



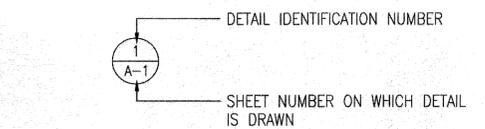
**SYMBOLS**



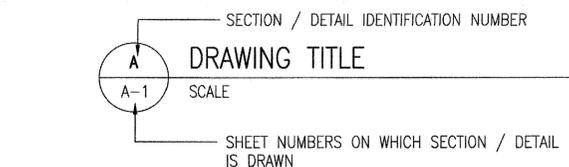
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**SYMBOL WHERE DETAIL IS TAKEN:**



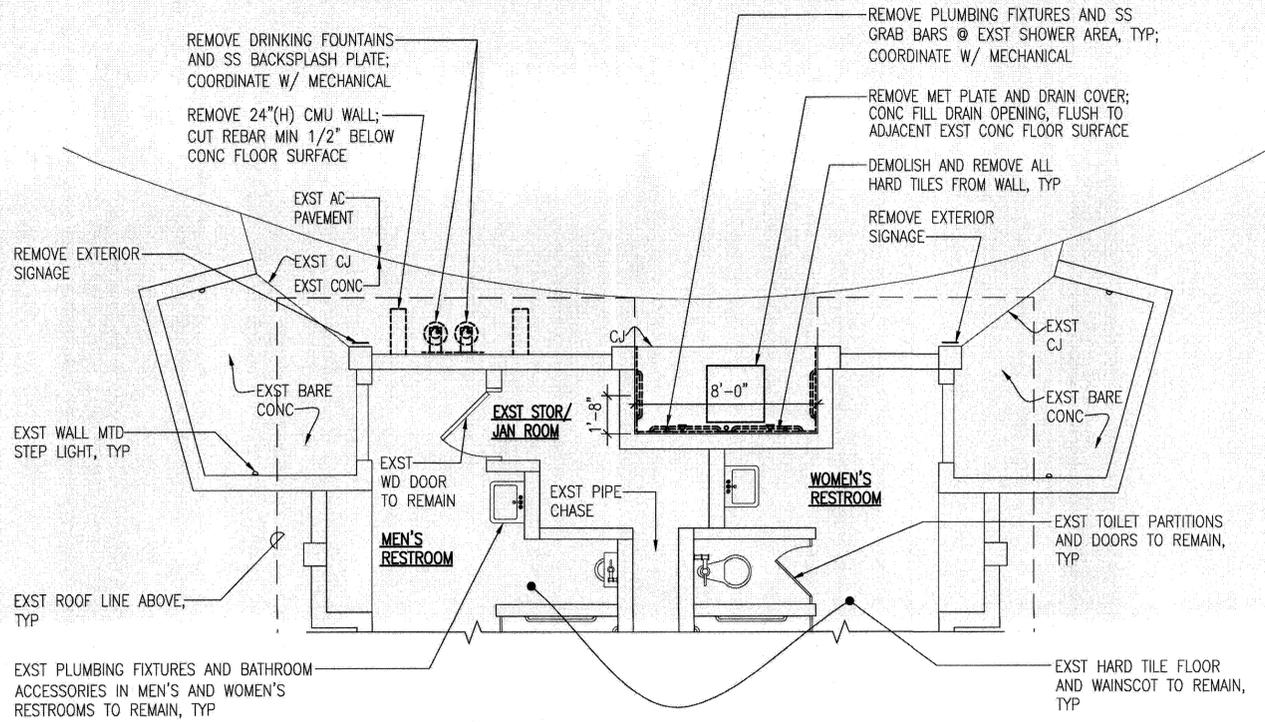
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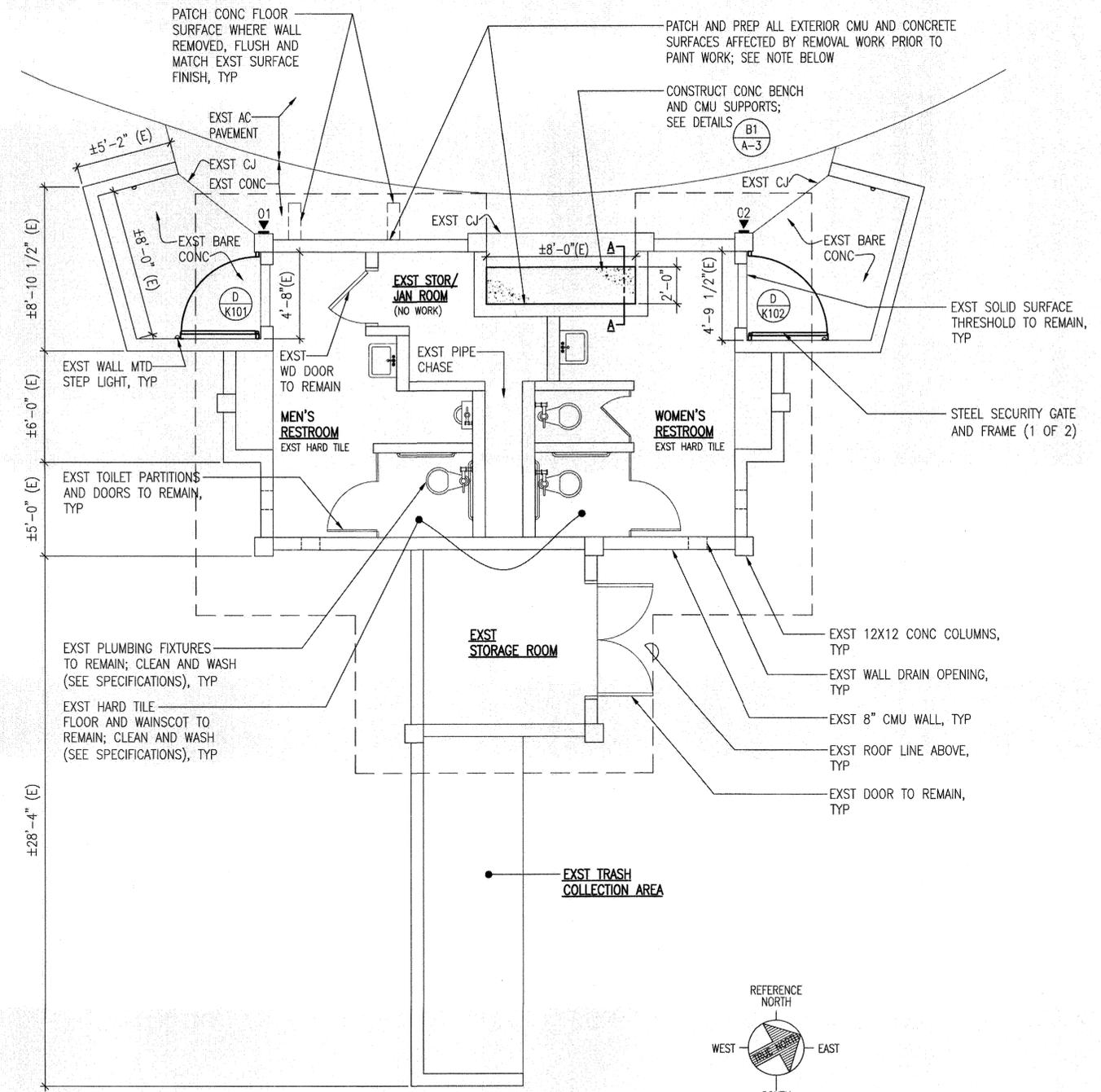
**ARCHITECTURAL SCOPE OF WORK**

- REPAIR/ REMOVAL**
- DEMOLISH AND REMOVE HARD TILES FROM EXST EXTERIOR SHOWER AREA.
  - DEMOLISH AND REMOVE EXST PARTIAL HEIGHT CMU WALLS, DRINKING FOUNTAINS AND BACKSPLASH.
  - PATCH AND REPAIR ALL EXST CONCRETE COLUMN AND CMU WALL AT DEMOLISHED AREAS.
- NEW WORK**
- PROVIDE AND INSTALL NEW PICNIC TABLE/BENCH(ES).
  - CONSTRUCT NEW ±8'-0" CONCRETE BENCH AND SUPPORT.
  - PROVIDE AND INSTALL NEW STEEL GATE, FRAME, JAMB AND PADLOCK AT EXST WOMEN'S AND MEN'S RESTROOM ENTRANCES.
- PAINT WORK**
- PAINT FINISH ALL EXTERIOR PAINTABLE SURFACES EXPOSED TO VIEW.

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					
REFERENCE SYMBOLS, ARCHITECTURAL NOTES AND ABBREVIATIONS					
DESIGNED: JN, ML DRAWN: ML CHECKED: HL APPROVED:			SUBMITTED: DATE: APRIL 2016 SCALE: AS NOTED		
THE WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION Expiration Date of License 04/30/18			DRAWING NO. <b>A-1</b>		



**C1 PARTIAL COMFORT STATION DEMO PLAN**  
 A-2 SCALE: 1/4" = 1'-0"



**NOTE:** PATCH ALL EXTERIOR CMU AND CONCRETE SURFACES WHERE DAMAGED PRIOR TO PAINT WORK.

SURFACES WHERE CERAMIC TILE ARE TO BE REMOVED, REMOVE ALL MORTAR AND FOREIGN MATERIAL, MECHANICALLY AND/OR MANUALLY. SURFACE MUST BE FREE OF LAITANCE, CONCRETE DUST, DIRT AND MORTAR. FILL HOLES, AIR POCKETS AND OTHER VOIDS WITH A CEMENT-PATCHING COMPOUND (PER ASTM D4261). FOR COORDINATION WITH PAINTING, REFER TO SPECIFICATIONS SECTION 09902 - REPAINTING.

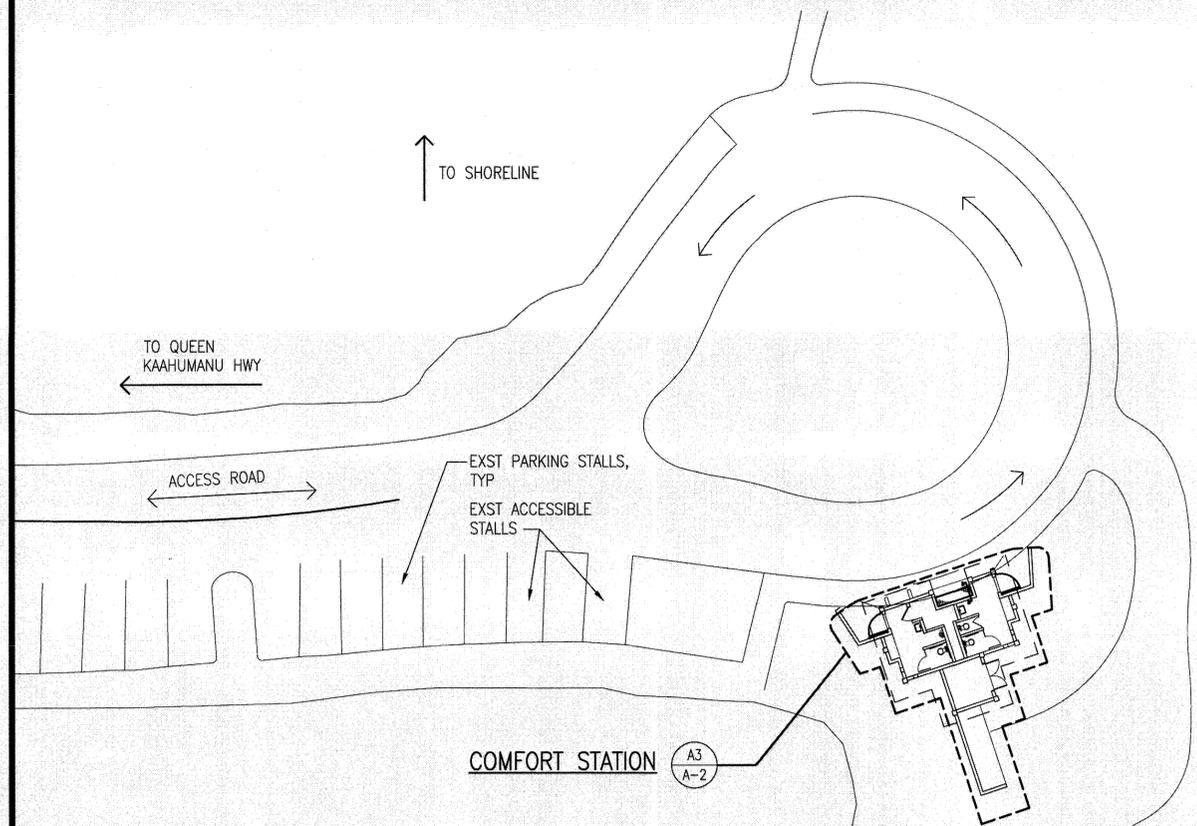
PAINT ALL EXTERIOR PAINTABLE SURFACES, INCLUDING, BUT NOT LIMITED TO THE FOLLOWING: EXST CONCRETE COLUMNS; EXST CMU WALLS; EXST ROOF WD FRAMING, FASCIA AND TRIM SURFACES; EXST MET FLASHING; EXST DOOR AND FRAME; EXST CONDUITS, ETC.

PAINT ALL FACES OF EXPOSED EXST 2X2 WOOD PICKET SCREEN AND FRAMING, NEW MET SECURITY GATES AND NEW CONCRETE BENCH.

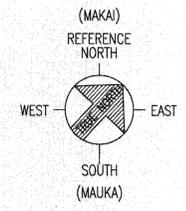
SEE ALSO ELEVATIONS, **SHEET A-3** AND EXTERIOR PAINT LIMITS, **SHEET A-5**.

00 NEW SIGN, SEE **SHEET A-5**

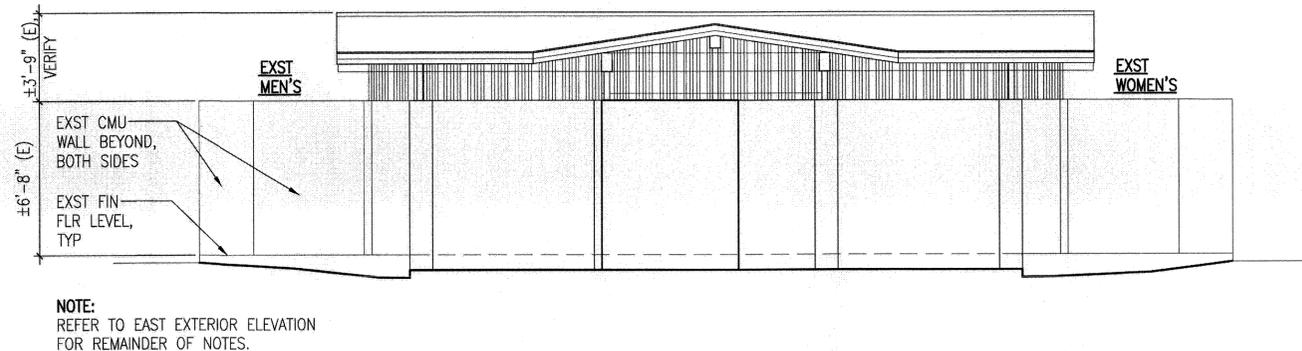
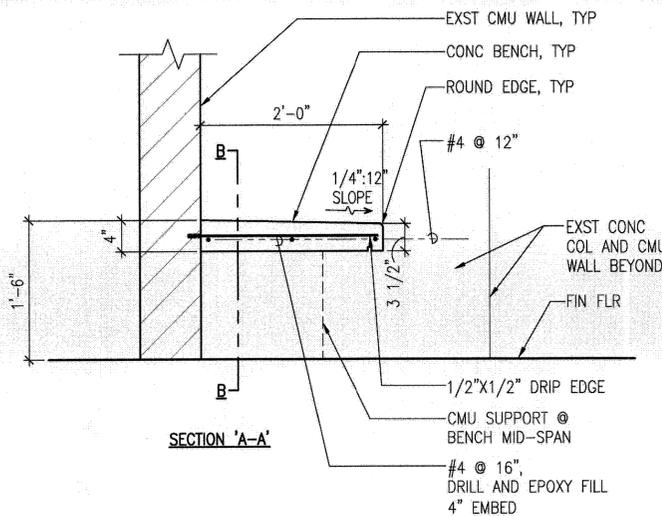
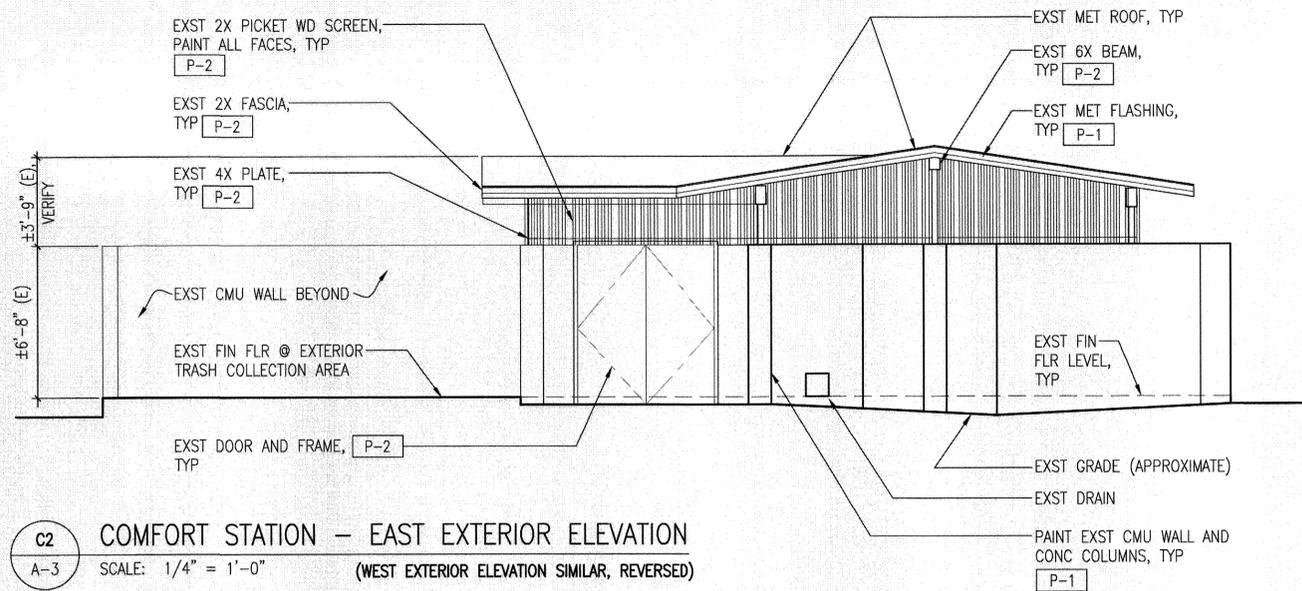
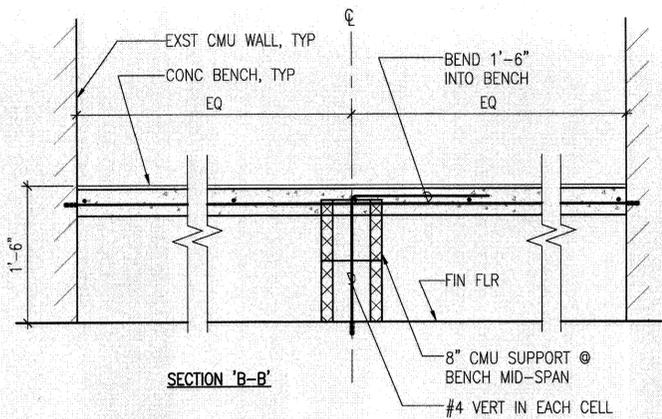
**A3 COMFORT STATION REPAIR PLAN**  
 A-2 SCALE: 1/4" = 1'-0"



**A1 PARTIAL SITE PLAN**  
 A-2 SCALE: 1" = 20'

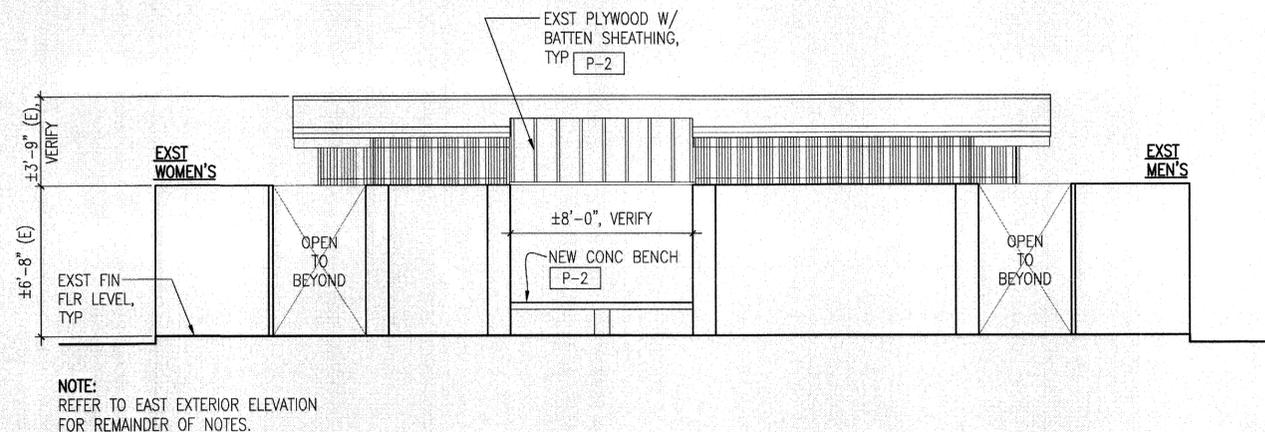
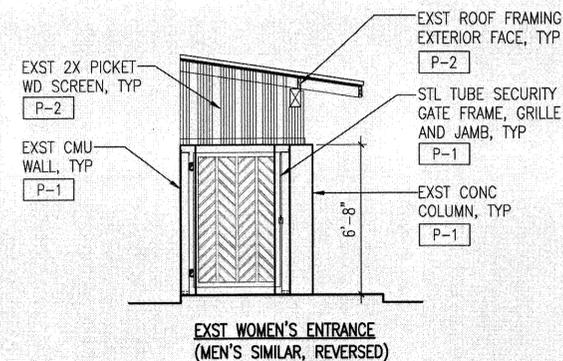


REVISION NO.	SYM.	DESCRIPTION	SHT./OF	DATE	APPROVED
STATE OF HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES ENGINEERING DIVISION  <b>KEKAHA KAI STATE PARK            KUA BAY IMPROVEMENTS</b>  PARTIAL SITE PLAN, PARTIAL COMFORT STATION DEMO PLAN AND COMFORT STATION REPAIR PLAN					
		DESIGNED: JN, ML DRAWN: ML CHECKED: HL APPROVED: <i>[Signature]</i> CHIEF ENGINEER			
THE WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION Expiration Date of License 04/30/18		SUBMITTED: <i>[Signature]</i> DATE: APRIL 2016 SCALE: AS NOTED APR 25 2016 DATE		DRAWING NO. <b>A-2</b>	



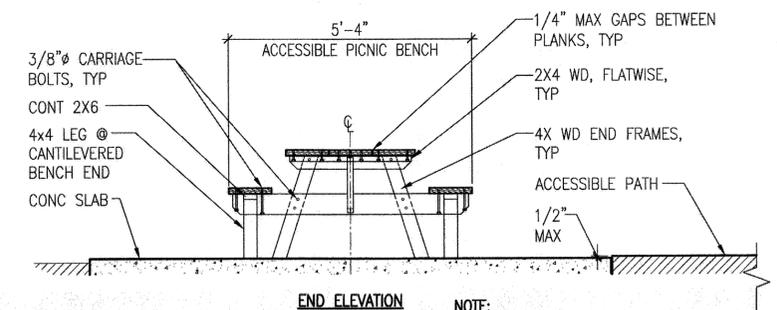
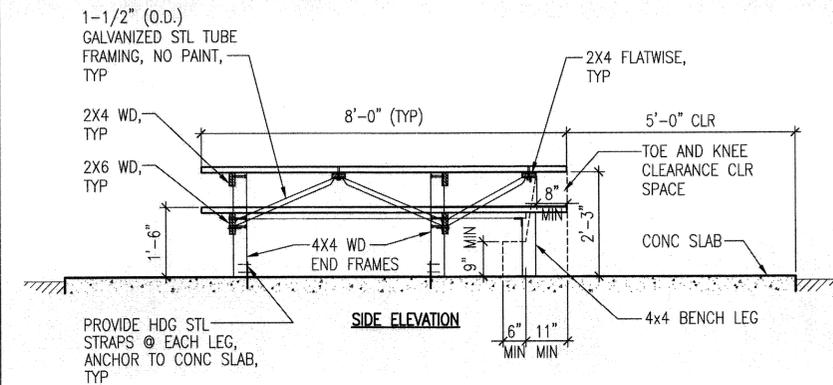
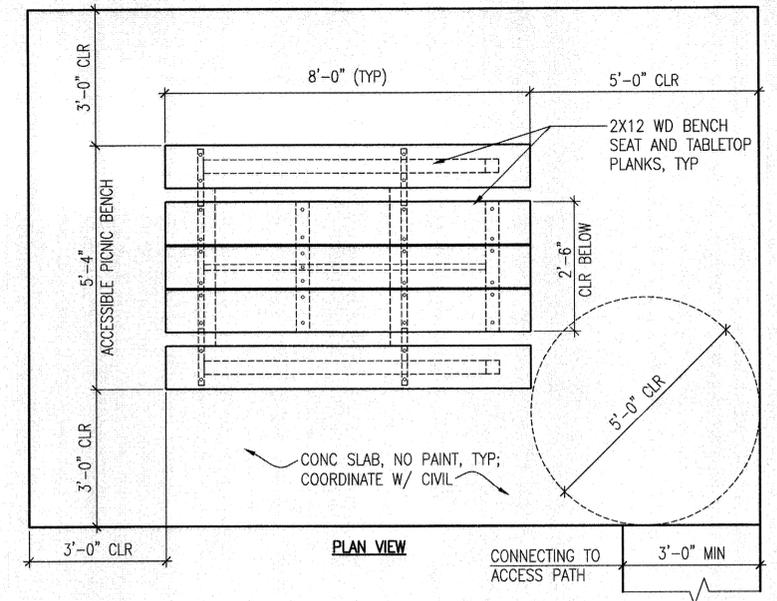
**B1 DETAIL - BENCH AND SUPPORTS**  
SCALE: 1" = 1'-0"

**B2 COMFORT STATION - SOUTH EXTERIOR ELEVATION**  
SCALE: 1/4" = 1'-0"



**A1 COMFORT STATION - ELEVATION @ ENTRANCE**  
SCALE: 1/4" = 1'-0"

**A2 COMFORT STATION - NORTH EXTERIOR ELEVATION**  
SCALE: 1/4" = 1'-0"



**B4 PICNIC TABLE DETAILS**  
SCALE: 1/2" = 1'-0"

NOTE:  
1. PAINT ALL PAINTABLE SURFACES (P-3) UNLESS NOTED OTHERWISE.  
2. ALL FASTENERS SHALL BE STAINLESS STEEL W/ TEMPER-RESISTANT TYPE HEADS OR NUTS UNLESS NOTED OTHERWISE.  
3. COORDINATE W/ CIVIL FOR PICNIC TABLE (QTY: 2) LOCATIONS, CONC SLAB AND CONNECTING/ ADJOINING ACCESSIBLE PATHS.

REVISION NO.	SYM.	DESCRIPTION	SHT. OF	DATE	APPROVED
STATE OF HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES ENGINEERING DIVISION <b>KEKAHA KAI STATE PARK            KUA BAY IMPROVEMENTS</b> BUILDING ELEVATIONS, DETAILS					
DESIGNED: JN, ML		SUBMITTED: <i>gc</i>		DATE: APRIL 2016	
DRAWN: ML		CHECKED: HL		SCALE: AS NOTED	
APPROVED: <i>[Signature]</i>		DATE: APR 25 2016		DRAWING NO. <b>A-3</b>	
Expiration Date of License 04/30/18		CHIEF ENGINEER			