

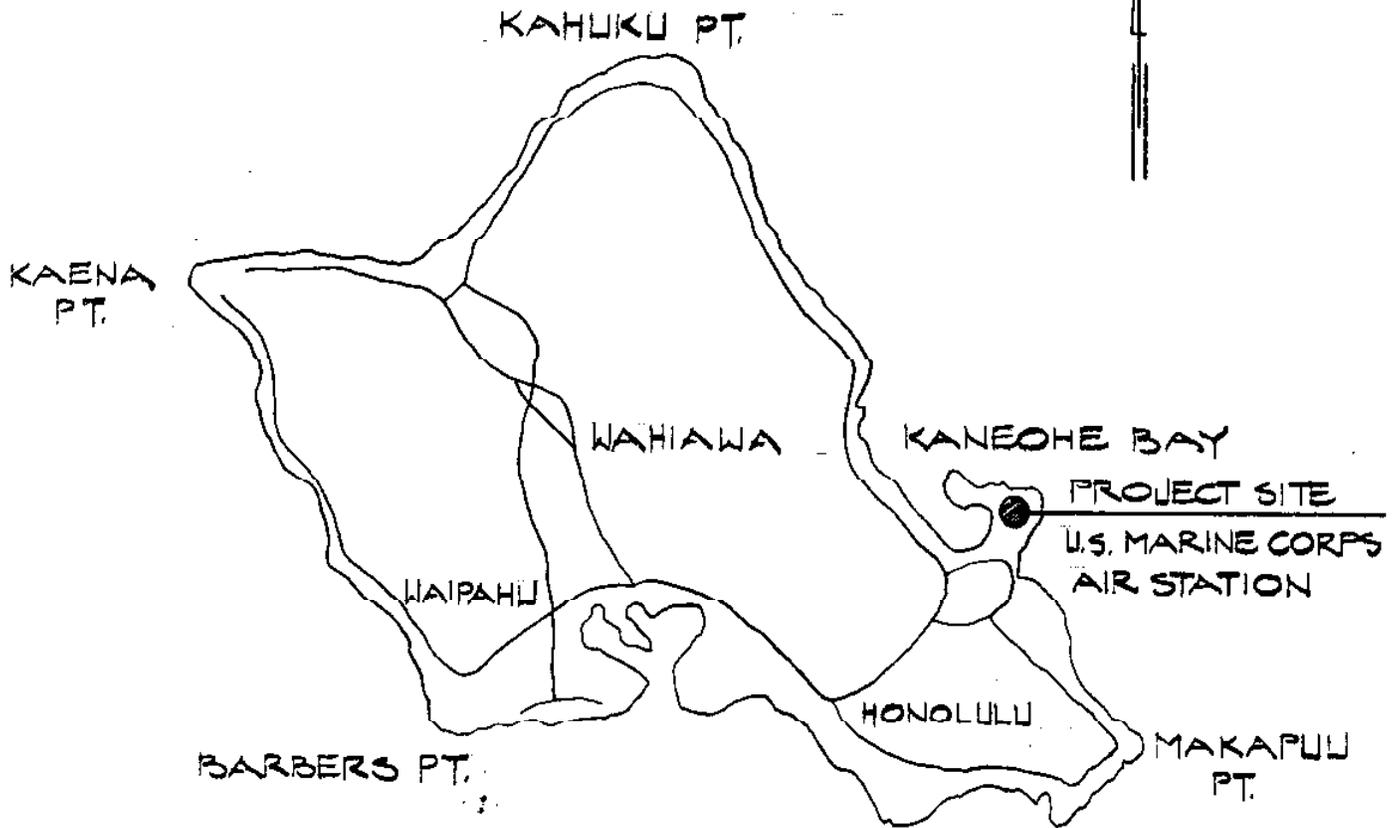
AEI, Installation Support

Enclosure 2

Examples of
Simplified Design Methods (SDM)

Example A

N



OAHU VICINITY MAP

NOT TO SCALE

WORK NOTES:

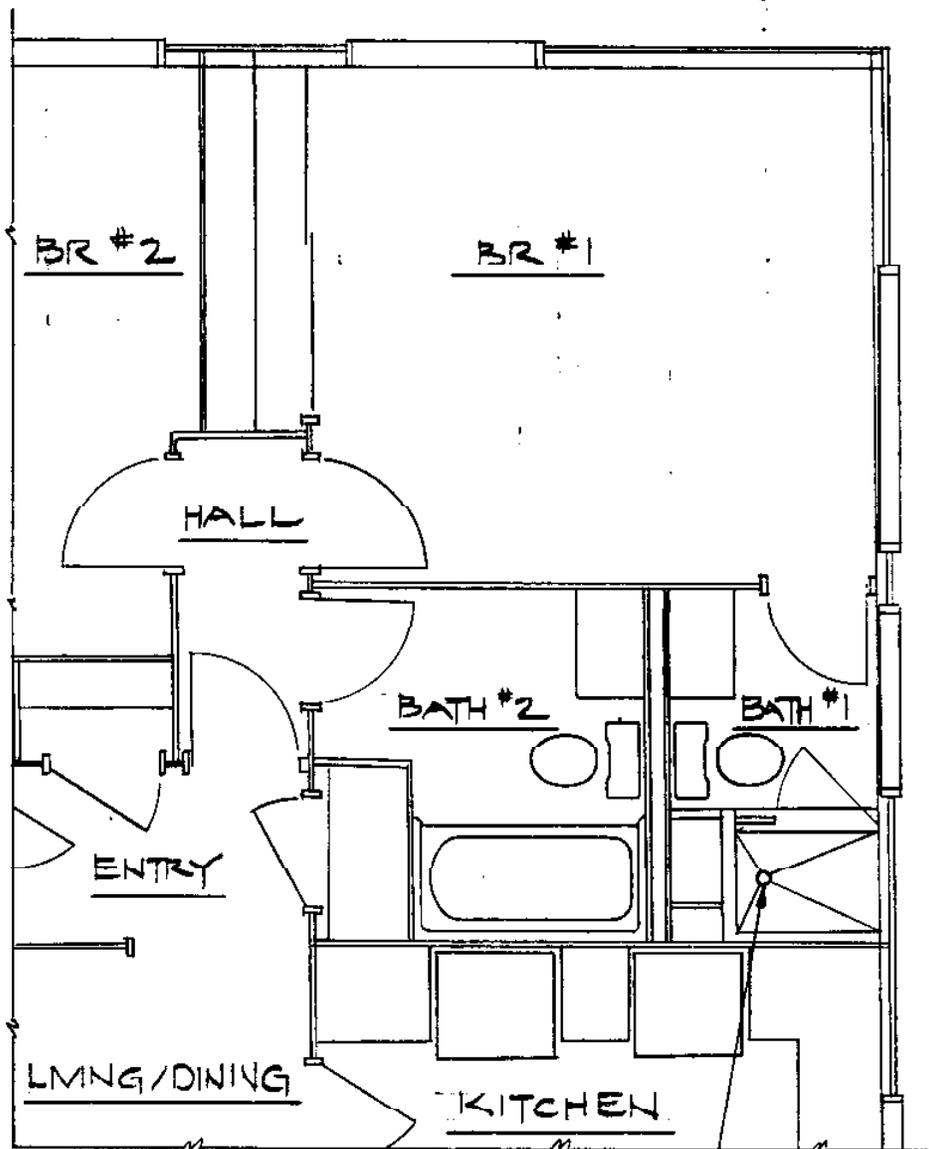
THE CONTRACTOR SHALL REPLACE SHOWER PAN, CERAMIC TILE, AND SHOWER DRAIN AT THE FOLLOWING FAMILY HOUSING UNITS:

BASE BID (10 UNITS)					ADDITIVE (2 UNITS)
1705	1755A	1811A	1980B	2103A	2063A
1721	1807B	1880	2004A	2103B	1867A

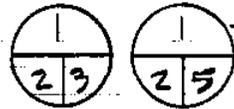
AS-BUILT
NO CHANGE

Handwritten initials/signature

PREPARED PK	CHECKED WL <i>WL</i>	U. S. ARMY ENGINEER DIVISION, PACIFIC OCEAN HONOLULU DISTRICT HONOLULU, HAWAII			
 US Army Corps of Engineers		FY88 FHMA PRCK 038 SHOWER STALL REPAIR, VARIOUS AREA			
		OAHU VICINITY MAP			
		DATE 1-24-89	LOCATION KMCAS		
		LOC. CODE	DRAWING NUMBER		
	PREFIX S-80	CLASS 1	TYPE 24	SEQUENCE 89	SHEET 1 of 9



REPLACE EXST WITH NEW
SHOWER DRAIN AND SHOWER
PAN, SEE DETAIL



PARTIAL FLOOR PLAN

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

**AS BUILT
NO CHANGE**

11/19/90 *SR*
DM

LOC. CODE	DRAWING NUMBER				
	PREFIX	CLASS	TYPE	SEQUENCE	SHEET
	A-BLT	1	24	89	2 of 9

REMOVE PORTION OF EXISTING CERAMIC TILE CURB AND PROVIDE NEW CER. TILE CURB

REMOVE & REINSTALL EXISTING GLASS SHOWER ENCLOSURE TO ACCOMMODATE INSTALLATION OF NEW SHOWER PAN. CAULK BOTH SIDES OF FRAME WHERE IT ABUTS WALL & CURB.

NEW DRAIN, SEE

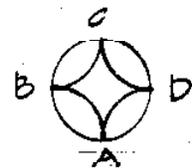


REMOVE EXIST. AND PROVIDE NEW CER. MOSAIC FLOOR TILE & SETTING BED TO ACCOMMODATE INSTALLATION OF NEW SHOWER PAN. SLOPE FLOOR TILE TO DRAIN

REMOVE EXIST. AND PROVIDE NEW CER. WALL TILE (2 COURSES) & SETTING BED TO ACCOMMODATE INSTALLATION OF NEW SHOWER PAN.

EXIST. WOOD WALL

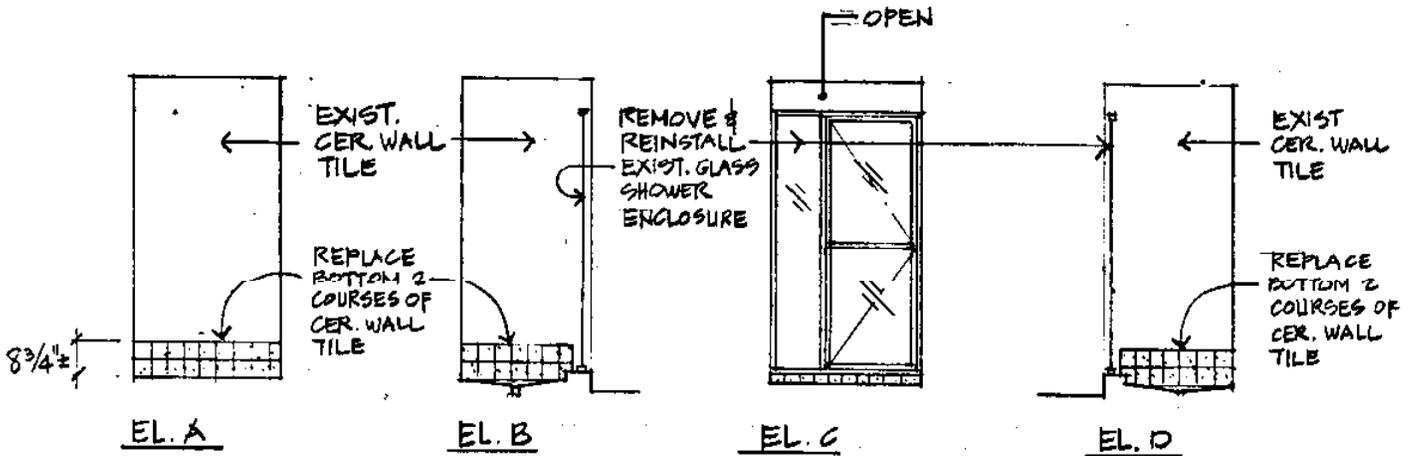
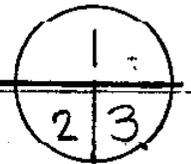
NEW SHOWER PAN



KEY TO SHOWER ELEVATIONS

TYPICAL SHOWER PLAN

SCALE: 1" = 1'-0"

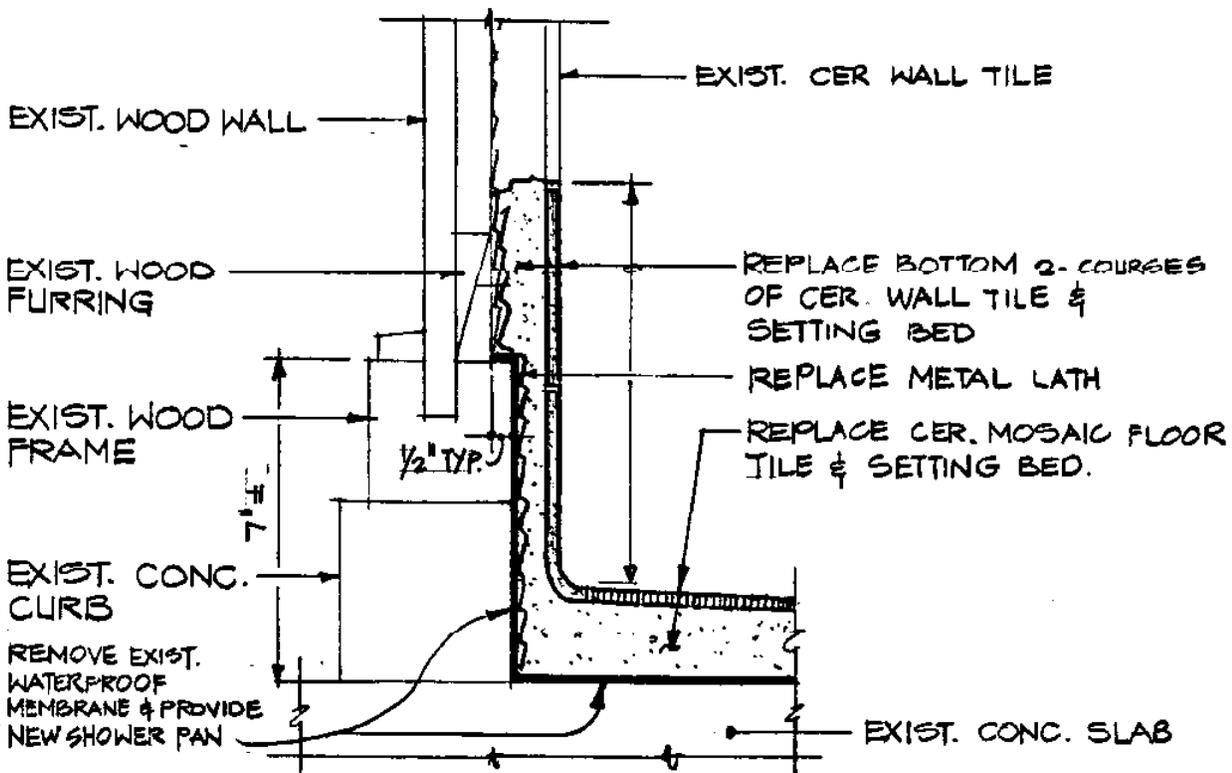


SHOWER ELEVATIONS

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

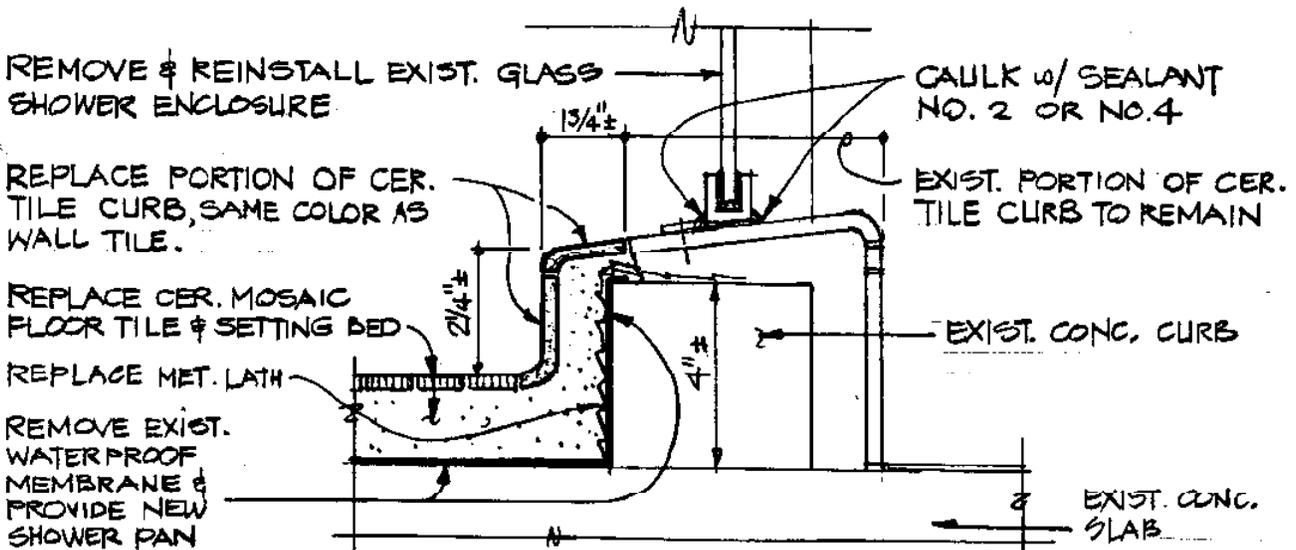
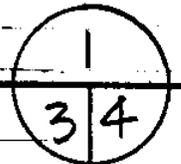
AS-BUILT NO CHANGE

LOC. CODE	DRAWING NUMBER				
PREFIX	CLASS	TYPE	SEQUENCE	SHEET	
AS-BLT	1	24	89	3	of 9



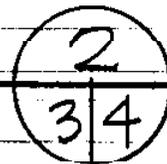
BASE @ SHOWER FLOOR DETAIL

SCALE: 3" = 1'-0"



SHOWER CURB DETAIL

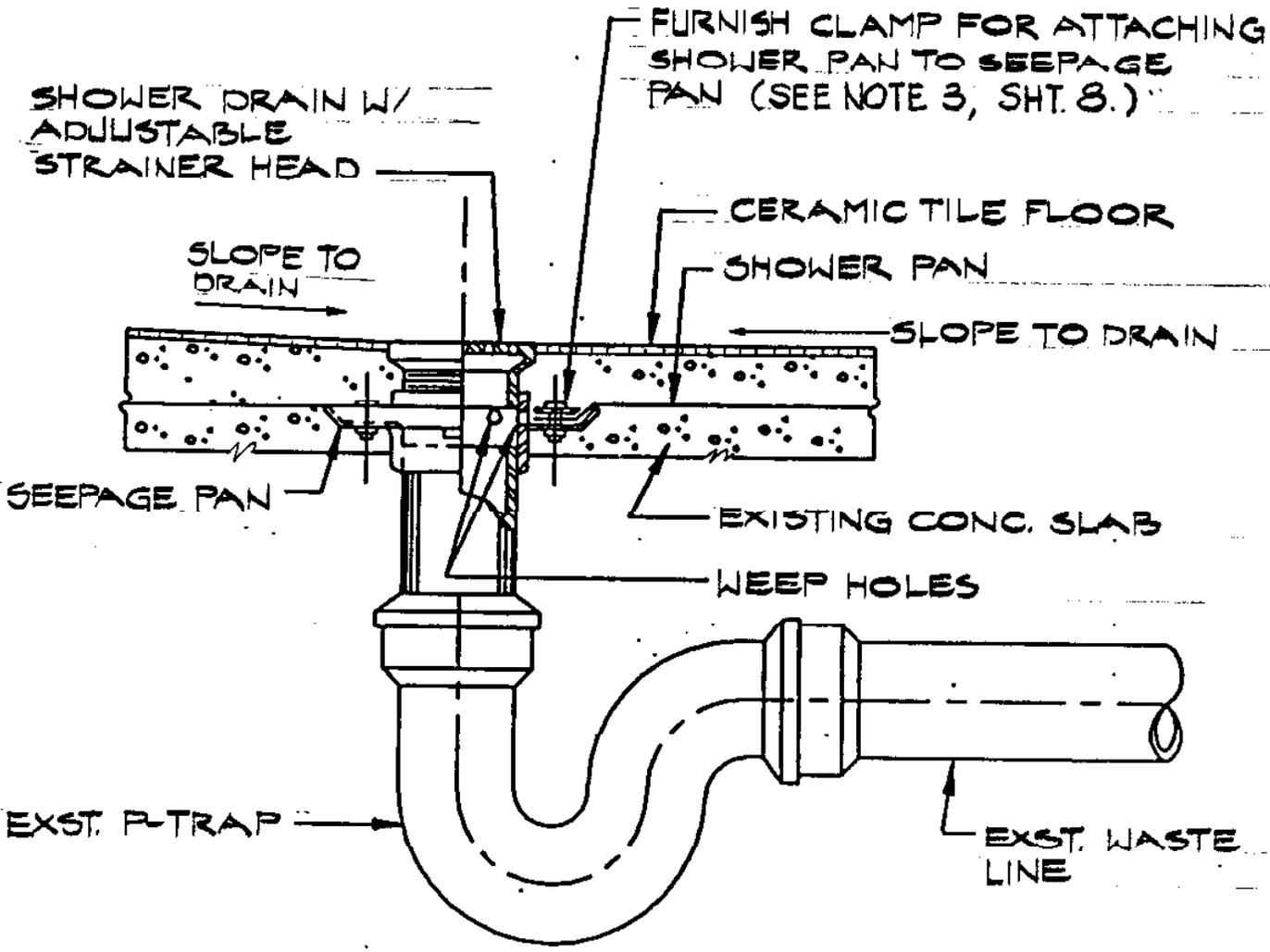
SCALE: 3" = 1'-0"



**AS BUILT
NO CHANGE**

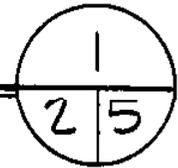
LOC. CODE	DRAWING NUMBER				
	PREFIX	CLASS	TYPE	SEQUENCE	SHEET
	AS-BILT	1	24	89	4 of 9

111940 *R*



SHOWER DRAIN DETAIL

NOT TO SCALE



**AS BUILT
NO CHANGE**

11/19/90 *R. Jones*

LOC. CODE	DRAWING NUMBER				
	PREFIX	CLASS	TYPE	SEQUENCE	SHEET
	AS-ELT	1	24	89	5 of 9

GENERAL NOTES:

1. CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS RELATING TO THE PROJECT BEFORE COMMENCING WITH THE REQUIRED WORK.
2. CONTRACTOR SHALL PROMPTLY NOTIFY THE CONTRACTING OFFICER OF ANY DISCREPANCIES AND/OR CONDITIONS WHICH PREVENT HIM FROM FULFILLING THE TERMS OF THE CONTRACT.
3. CONTRACTOR SHALL PATCH ALL SURFACES EXPOSED FROM CUTTING, AND/OR REMOVAL WORK. PATCHING SHALL MATCH THE FINISH OF THE ADJACENT SURFACES.
4. THE WORD "REPLACE" MEANS THAT THE CONTRACTOR SHALL REMOVE EXISTING WORK AND PROVIDE NEW WORK AS DETAILED OR NOTED ON THE DRAWINGS.
5. ALL WORK INDICATED SHALL BE NEW WORK UNLESS OTHERWISE INDICATED "EXISTING."
6. ALL ITEMS AND MATERIALS TO BE REMOVED SHALL BE DONE IN SUCH A MANNER AS TO PREVENT DAMAGE TO ITEMS AND MATERIALS TO REMAIN. ALL SUCH DAMAGES SHALL BE SATISFACTORILY REPAIRED AT NO ADDITIONAL COST TO THE GOVERNMENT.
7. ALL WASTE MATERIALS SHALL BE PROMPTLY REMOVED AND DISPOSED OF OUTSIDE THE LIMITS OF GOVERNMENT PROPERTY.
8. COLORS AND PATTERNS INDICATED FOR CERAMIC TILE ARE FOR IDENTIFICATION PURPOSE ONLY; THE LISTING IS NOT INTENDED TO LIMIT SELECTION OF SIMILAR COLORS AND PATTERNS FROM OTHER MANUFACTURERS. SAMPLES SHALL BE SUBMITTED TO AND APPROVED BY A REPRESENTATIVE FROM THE OCFHO AREA OFFICE THRU THE CONTRACTING OFFICER.
9. CERAMIC TILE SHALL BE STANDARD GRADE CONFORMING TO ANSI A137.1.
 - a) CERAMIC MOSAIC TILE SHALL BE UNGLAZED PORCELAIN WITH CUSHION EDGES. TILE SIZE SHALL BE 1 BY 1 INCH. COLOR SHALL BE "AMERICAN OLEAN TILE, A12 PEPPER WHITE" OR APPROVED EQUAL.
 - b) GLAZED WALL TILE AND TRIM SHALL BE CUSHION EDGED WITH BRIGHT GLAZE. TILE SHALL BE 4 1/4 BY 4 1/4 INCHES AND COLOR SHALL BE "AMERICAN OLEAN TILE, 45 SALT & PEPPER" OR APPROVED EQUAL.

**AS-BUILT
NO CHANGE**

11/17/90

DATE		LOC. CODE		DRAWING NUMBER			
PREFIX	CLASS	TYPE	SEQUENCE	SHEET			
1-24-89		AS-BUILT	1	24	89	6 OF 9	

10. SETTING BED:

- a) AGGREGATE FOR CONCRETE FILL SHALL CONFORM TO FED. SPEC. SS-A-281. MAXIMUM SIZE OF COARSE AGGREGATE SHALL NOT BE GREATER THAN 1/2 THE THICKNESS OF CONCRETE FILL.
- b) PORTLAND CEMENT SHALL CONFORM TO ASTM C 150, TYPE 1, WHITE FOR WALL GROUT AND GRAY FOR OTHER USES.
- c) SAND SHALL CONFORM TO ASTM C 144.

11. SEALANT NO. 2: FED. SPEC. TT-S-227, TYPE 11, CLASS A.
SEALANT NO. 4: FED. SPEC. TT-S-230, TYPE 11, CLASS A OR FED. SPEC. TT-S-1543, CLASS A.

**AS BUILT
NO CHANGE**

11/19/90 *pr*
H

LOC. CODE	DRAWING NUMBER				
	PREFIX	CLASS	TYPE	SEQUENCE	SHEET
	AS-15LT	1	24	89	7 of 9

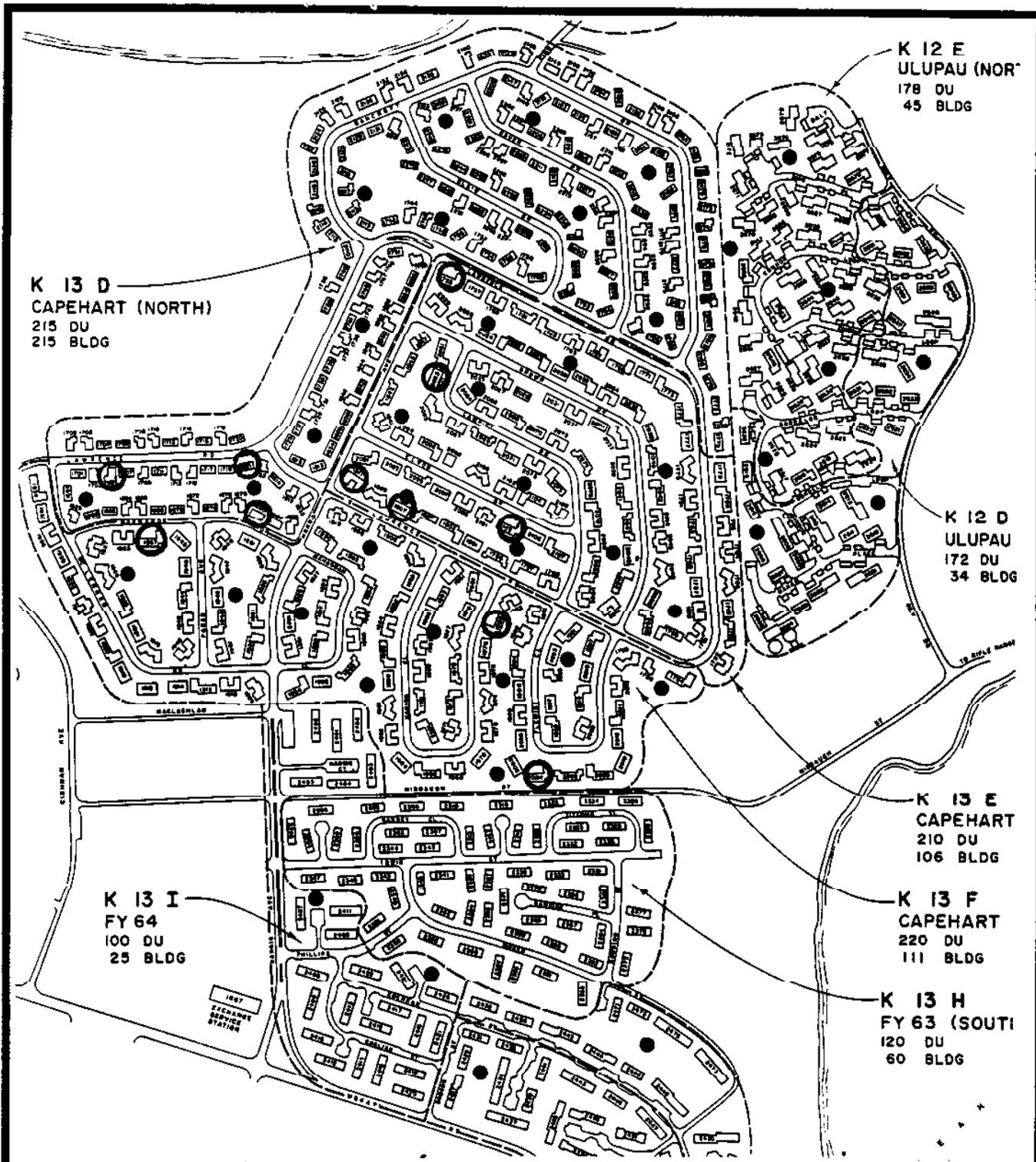
MECHANICAL NOTES:

1. CONTRACTOR SHALL VERIFY EXISTING CONDITIONS BEFORE INSTALLATION OF NEW WORK. CONTRACTOR SHALL PROVIDE AND INSTALL ALL THE NECESSARY FITTINGS TO SUIT NEW CONDITION AND CONNECT TO EXISTING DRAIN PIPING AS INDICATED.
2. SHOWER DRAINS, CAST IRON, SHALL CONSIST OF A BODY, INTEGRAL SEEPAGE PAN, AND PERFORATED OR SLOTTED CHROMIUM-PLATED BRONZE, OR NICKEL-BRASS STRAIN, CONSISTING OF GRATE AND THREADED COLLAR. DRAINS SHALL BE DOUBLE DRAINAGE PATTERN FOR EMBEDDING IN THE FLOOR CONSTRUCTION. THE SEEPAGE PAN SHALL HAVE WEEP HOLES FOR DRAINAGE TO THE DRAIN PIPE. DRAINS SHALL BE PROVIDED WITH THREADED OR CALKED CONNECTION.
3. SHOWER PANS: THE FLOOR OF EACH SHOWER AREA SHALL BE MADE WATERTIGHT WITH A SHOWER PAN FABRICATED IN PLACE. THE SHOWER PAN MATERIAL SHALL BE CUT TO SIZE AND SHAPE OF THE AREA INDICATED, IN ONE PIECE TO THE MAXIMUM EXTENT PRACTICABLE, ALLOWING A MINIMUM TURNUP ON WALLS AS INDICATED, AND SHALL BE FOLDED OVER THE CURB AS INDICATED. THE UPSTANDS SHALL BE PLACED BEHIND ANY WALL OR PARTITION FINISH. SHOWER PANS SHALL BE CLAMPED TO DRAINS BY MEANS OF THE DRAIN CLAMPING RING. THE SHOWER PAN SHALL BE SHEET COPPER, 16-OUNCE WEIGHT, CONFORMS TO QQ-C-576b. PANS, INCLUDING UPSTANDS, SHALL BE COATED INSIDE AND OUTSIDE WITH ONE BRUSH COAT OF ROOFING ASPHALT. ASPHALT SHALL BE APPLIED EVENLY AT NOT LESS THAN 1 GALLON PER 50 SQUARE FEET. THE JOINING SURFACES OF METAL PAN AND DRAIN SHALL BE GIVEN A COAT OF ASPHALT ROOFING CEMENT BEFORE AND AFTER THE PAN IS CONNECTED TO THE DRAIN.
4. OPERATIONAL TEST: THE CONTRACTOR SHALL SUBJECT THE NEW PLUMBING WORK TO OPERATING TESTS TO DEMONSTRATE SATISFACTORY FUNCTIONAL AND OPERATIONAL EFFICIENCY. ALL PIPING, FITTINGS AND TRIM SHALL NOT LEAK AFTER CONNECTION TO EXISTING PLUMBING. ALL ITEMS SHALL BE OPERATED TO THE SATISFACTION OF THE CONTRACTING OFFICER OR HIS REPRESENTATIVE.

**AS BUILT
NO CHANGE**

11/19/90 *OR*
HW

LOC. CODE	DRAWING NUMBER				
	PREFIX	CLASS	TYPE	SEQUENCE	SHEET
	ASBILT	1	24	89	8 of 9



LOCATION MAP

NOT TO SCALE

**AS BUILT
NO CHANGE**

DATE	LOC. CODE	DRAWING NUMBER				
1-24-89		PREFIX AS-BLT	CLASS 1	TYPE 24	SEQUENCE 89	SHEET 1A OF 9

11/19/80 *[Signature]*

(9 of 9)