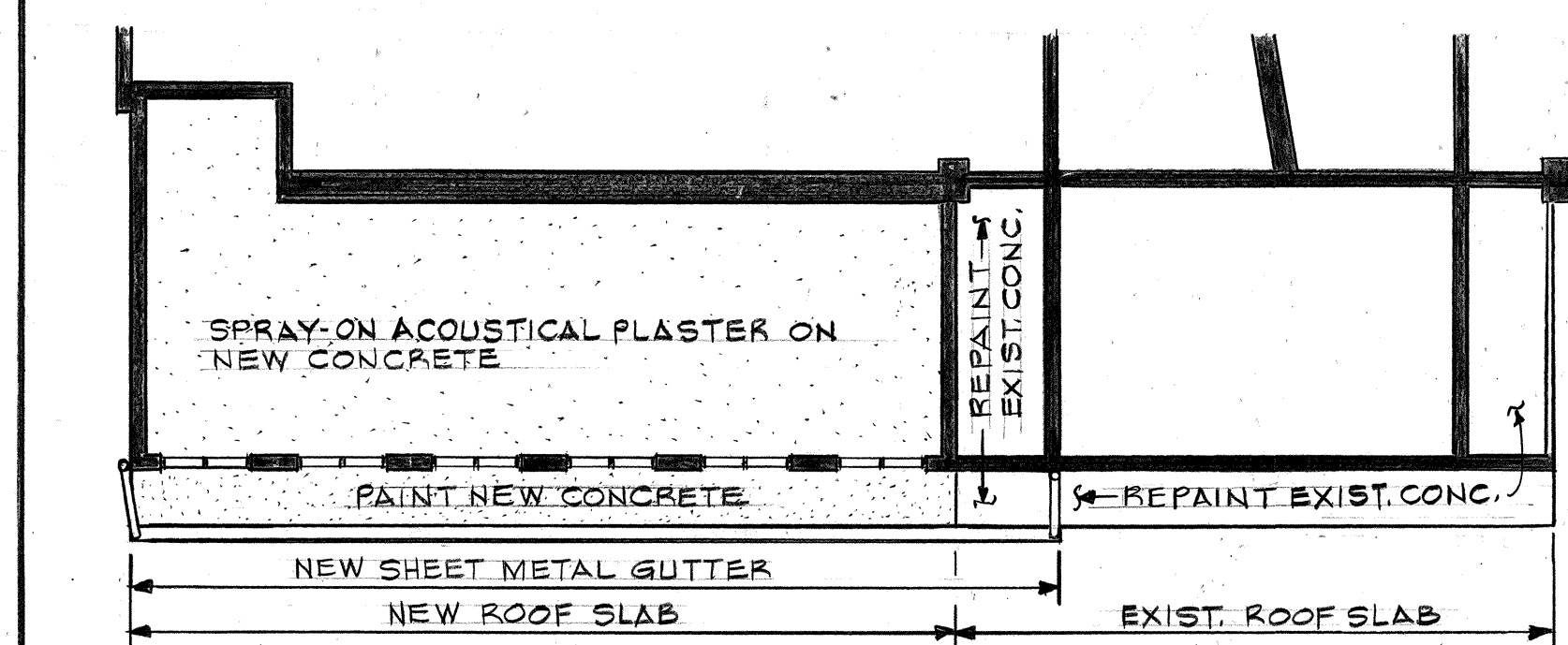


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-076-1 (2) S-RS-0760 (2)	1990	120	148

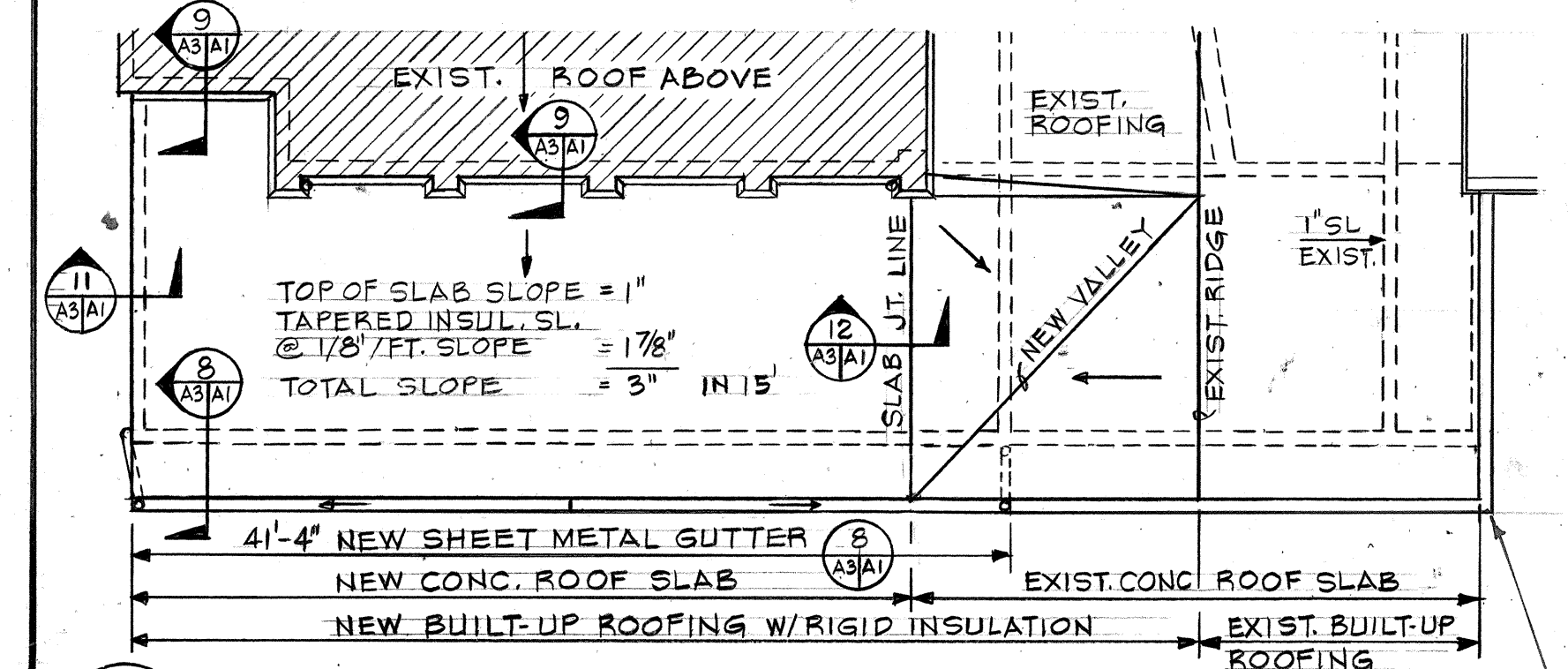
LEGEND

- (A) REMOVE DOOR & FRAME
- (B) REMOVE DOOR & PLYWOOD PANEL ABOVE
- (C) REMOVE ENTIRE STRUCTURE, INCLUDING CONC. ROOF TO CUT LINE; CMU WALLS; CONC. FOOTING & CONC. SLAB TO JOINT LINE.
- (D) REMOVE CMU SCREEN BLOCK
- (E) REMOVE CONC. SLAB TO JOINT LINE
- (F) REMOVE PORTION OF DOWNSPOUT TO NEW ROOF HEIGHT & SPLASH BLOCK
- (G) RELOCATE HOSE BIB
- (H) REMOVE GRAVEL STOP & BLK'G. PRIOR TO NEW CONC. ROOF CONSTRUCTION

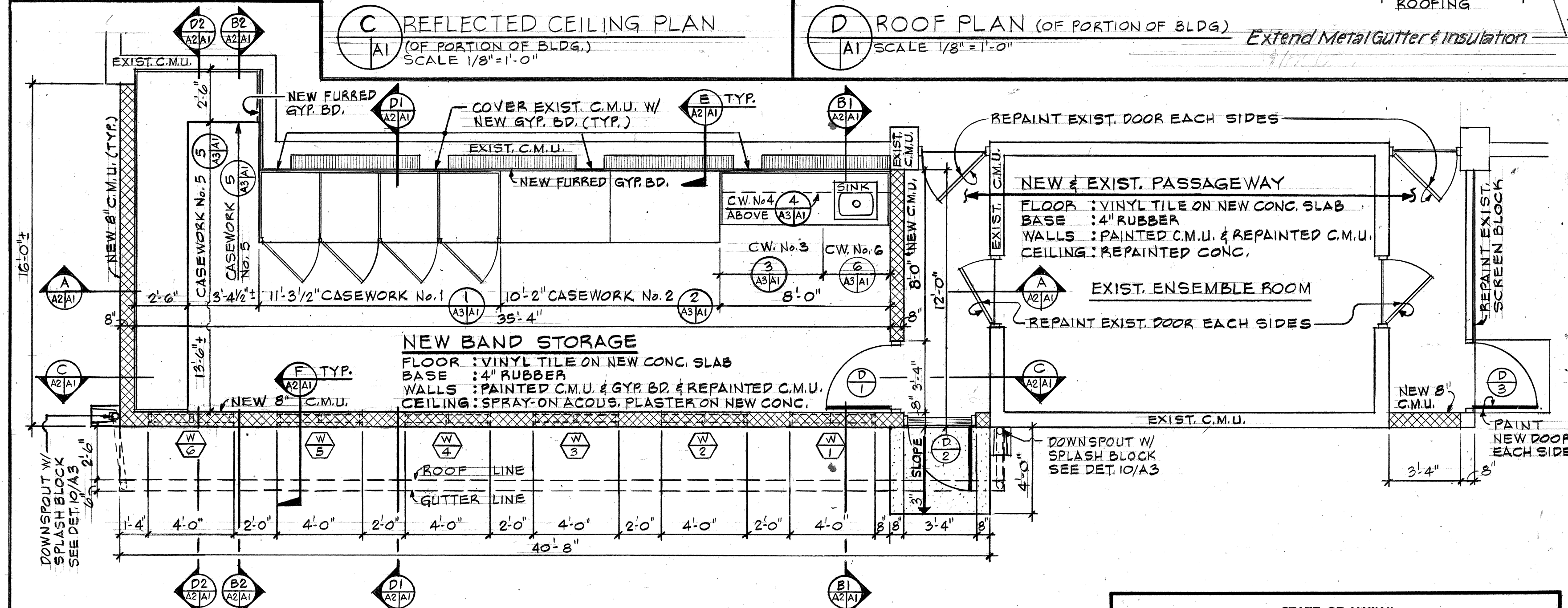
E DEMOLITION PLAN (OF PORTION OF BLDG.)
SCALE 1/8" = 1'-0"



C REFLECTED CEILING PLAN
(OF PORTION OF BLDG.)
SCALE 1/8" = 1'-0"



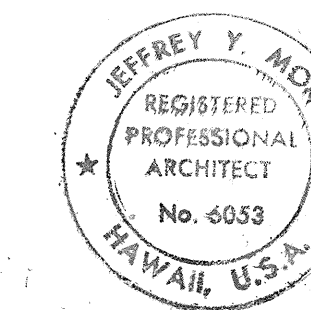
D ROOF PLAN (OF PORTION OF BLDG.)
SCALE 1/8" = 1'-0" *Extend Metal Gutter & Insulation*



B DETAILED FLOOR PLAN (OF PORTION OF BLDG.)
SCALE 1/4" = 1'-0"

A FLOOR PLAN - MUSIC BUILDING
SCALE 1/8" = 1'-0"

DATE	
SURVEY PLOTTED BY	
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
No.	



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Jeffrey Y. Mori
Signature

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ILIMA INTERMEDIATE SCHOOL

FLOOR PLAN, DEMOLITION & REFLECTED CEILING PLAN

FORT WEAVER ROAD
HANAKAHI ST. TO EWA BEACH RD.

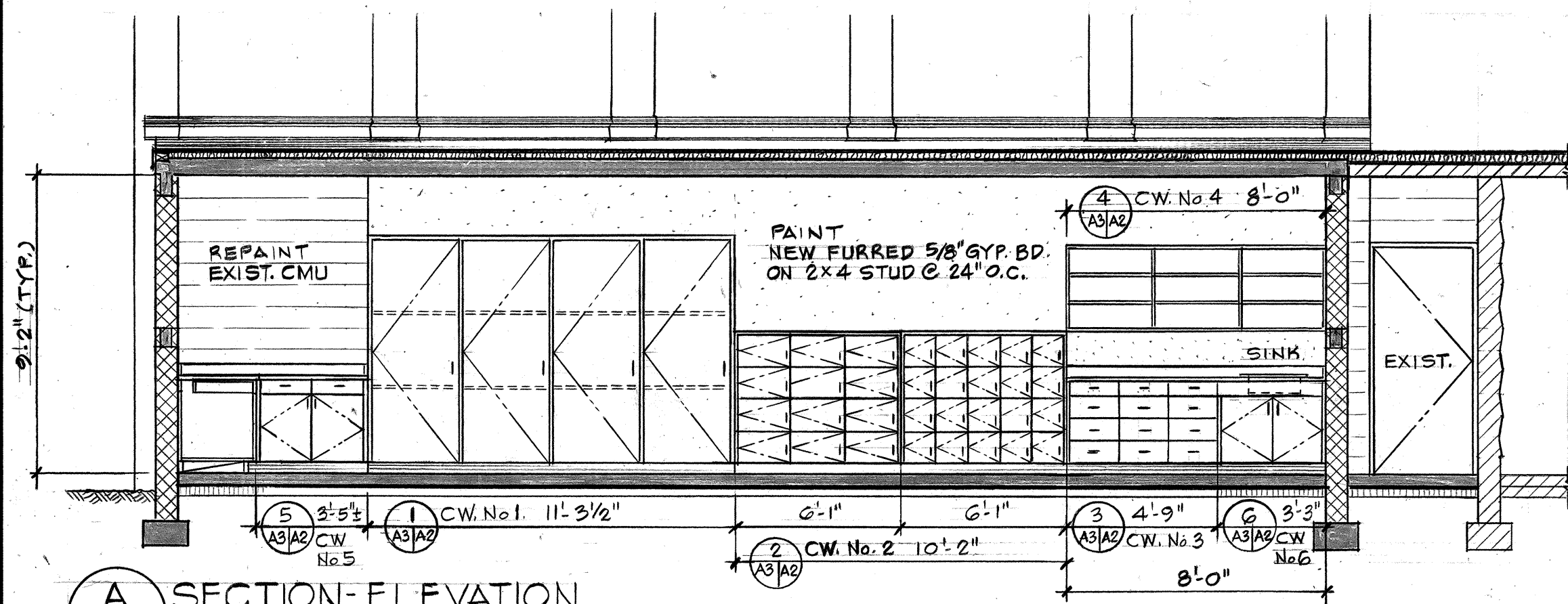
PROJ. NO. F-076-1 (2) S-RS-0760 (2)

SCALE: AS NOTED DATE: JUNE 1989

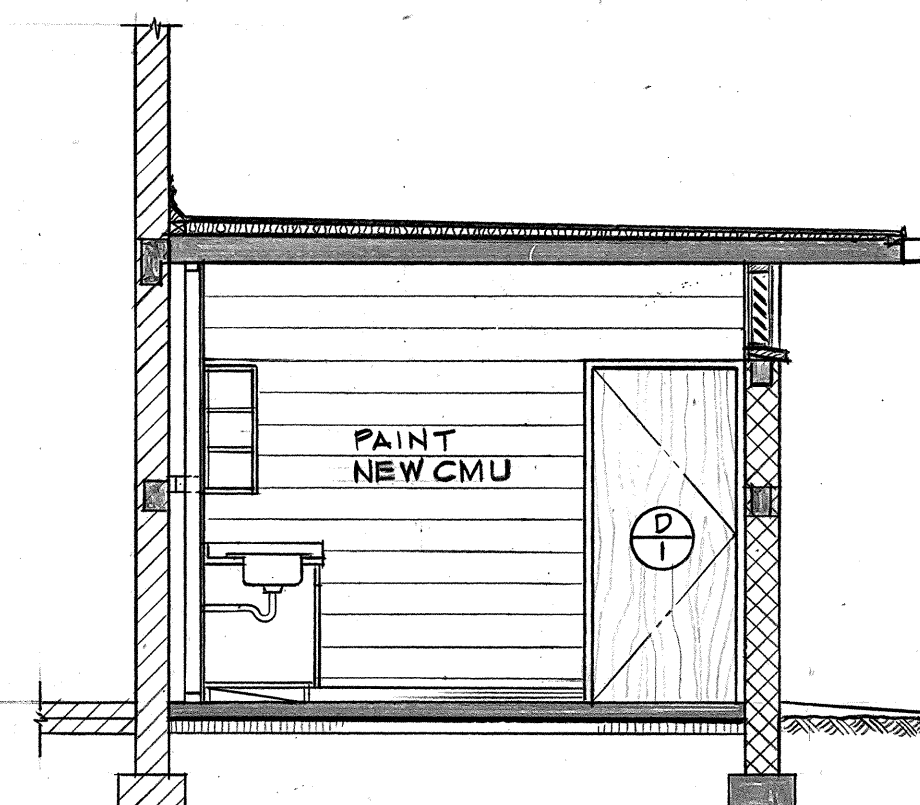
SHEET No. A1 OF 3 SHEETS

"AS-BUILT"

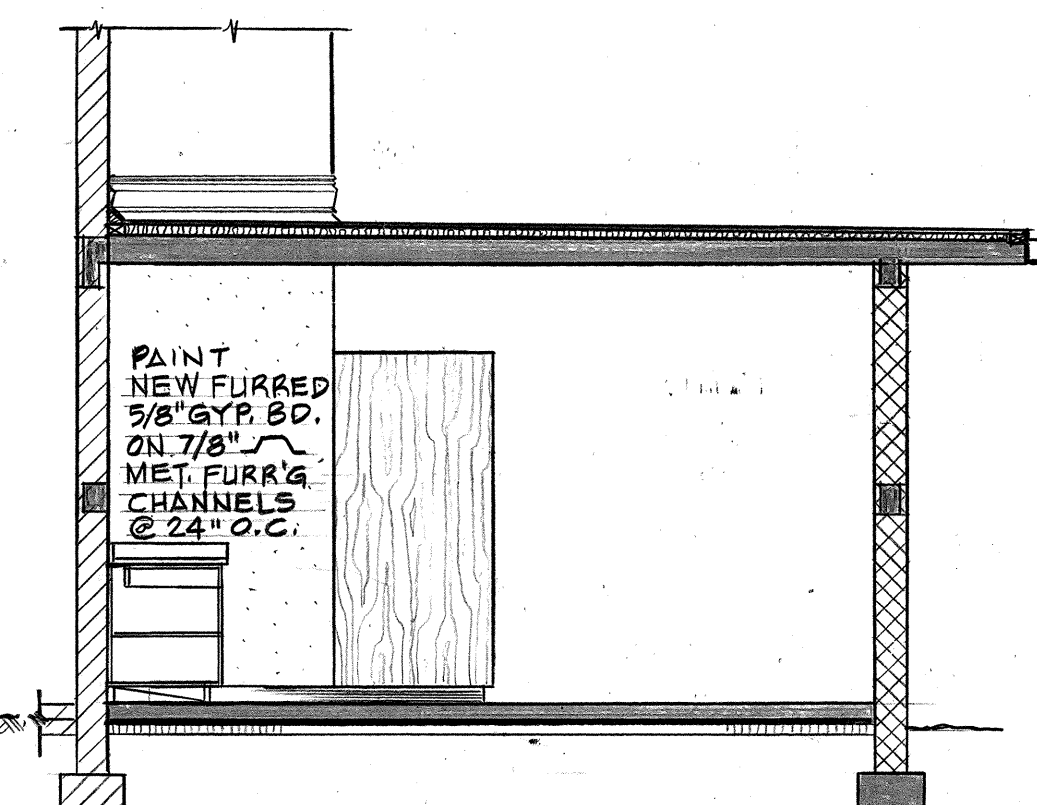
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-076-1(2) S-RS-0760(2)	1990	127	148



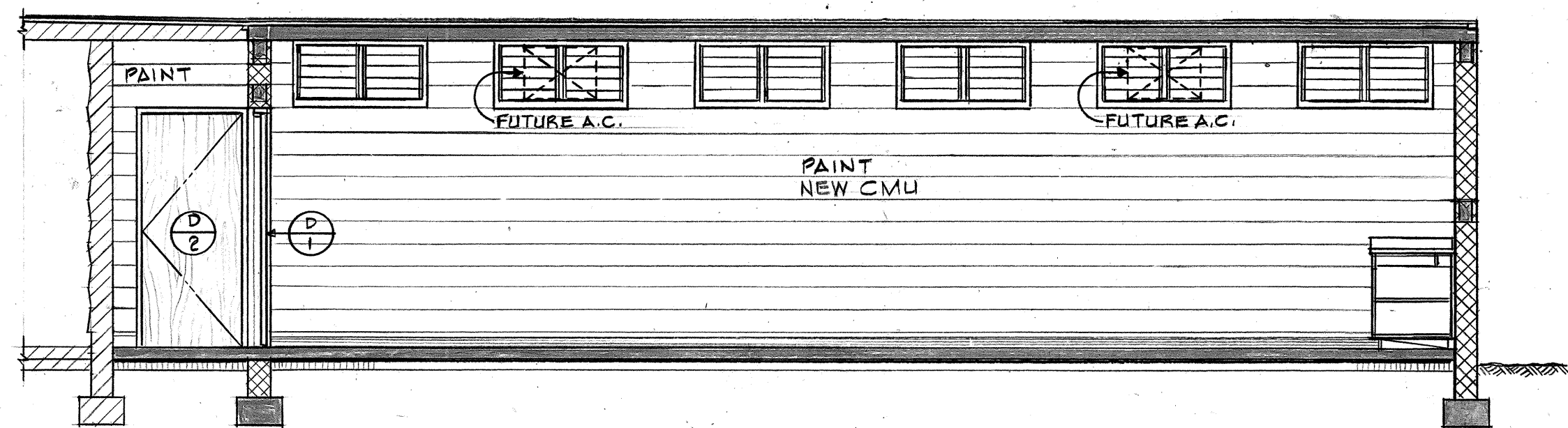
A SECTION-ELEVATION
A1/A2 SCALE 1/4"=1'-0"



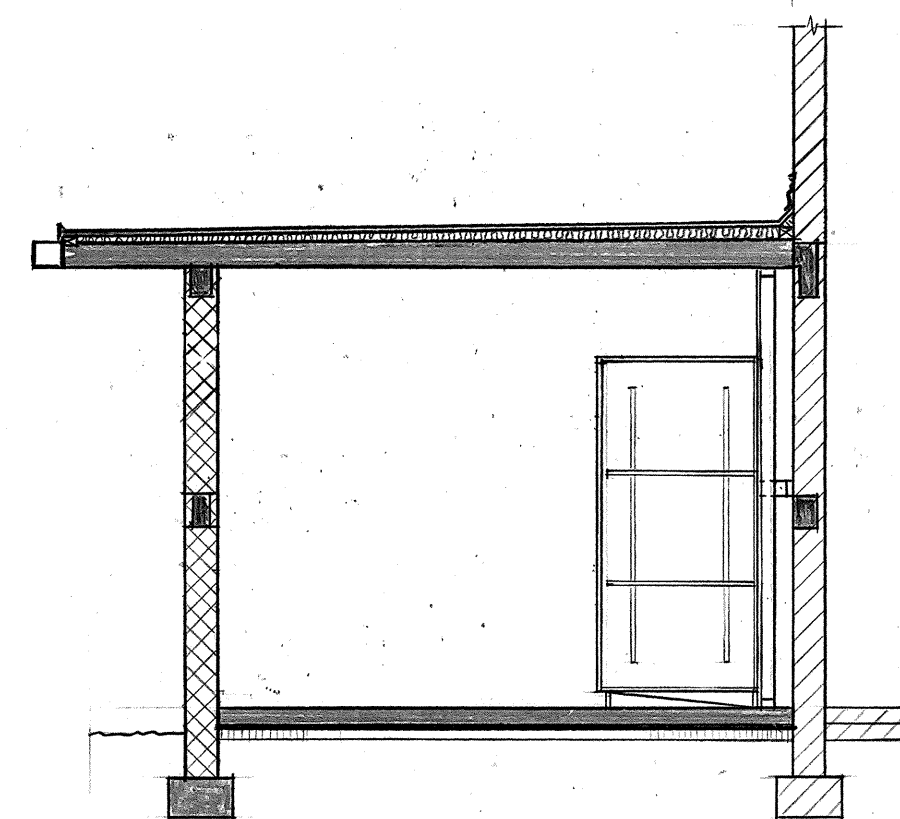
B1 SECTION-ELEVATION
A1/A2 SCALE 1/4"=1'-0"



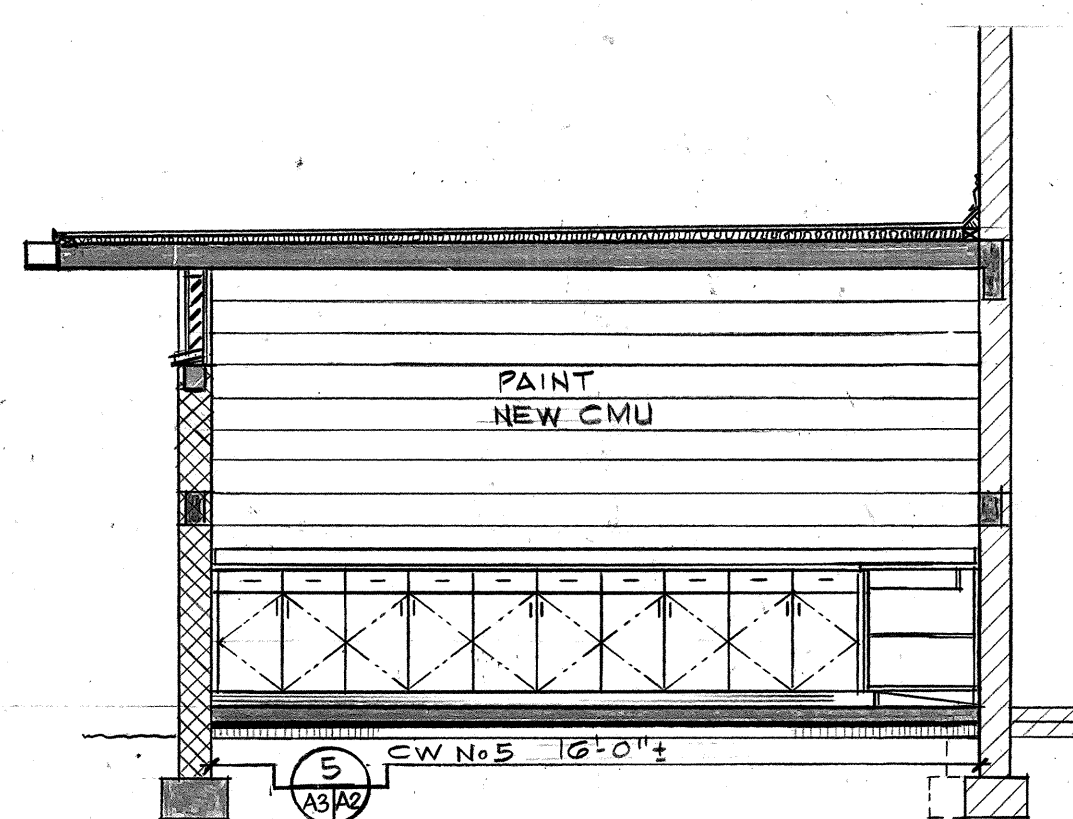
B2 SECTION-ELEVATION
A1/A2 SCALE 1/4"=1'-0"



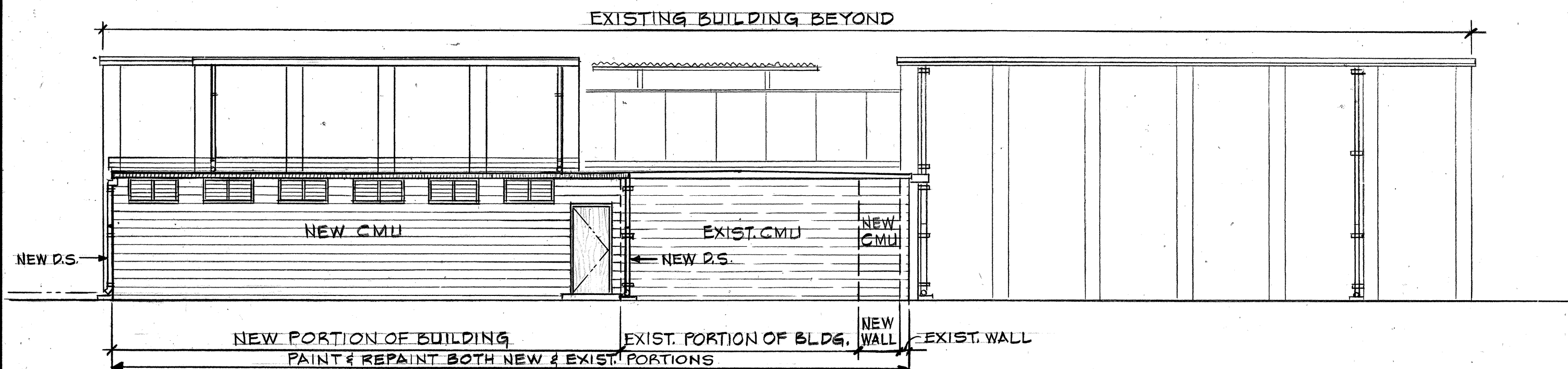
C SECTION-ELEVATION
A1/A2 SCALE 1/4"=1'-0"



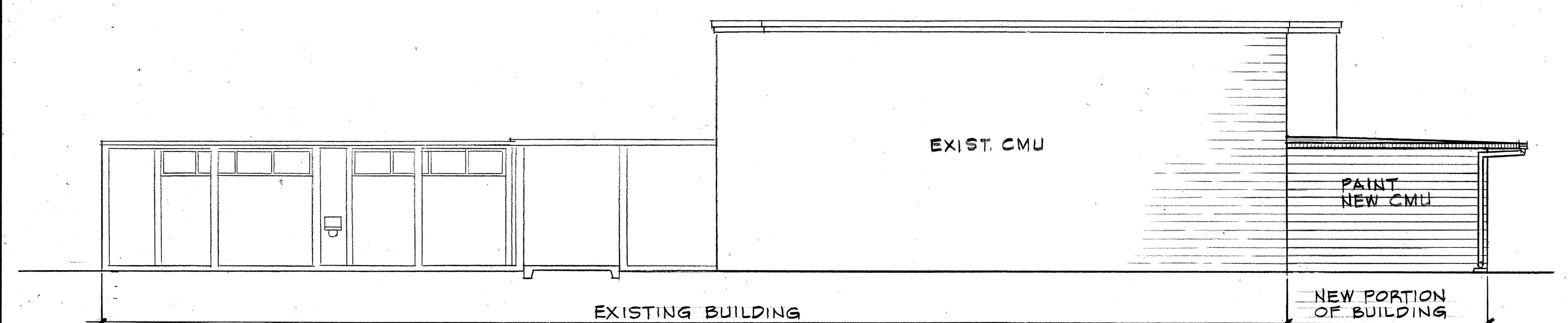
D1 SECTION
A1/A2 SCALE 1/4"=1'-0"



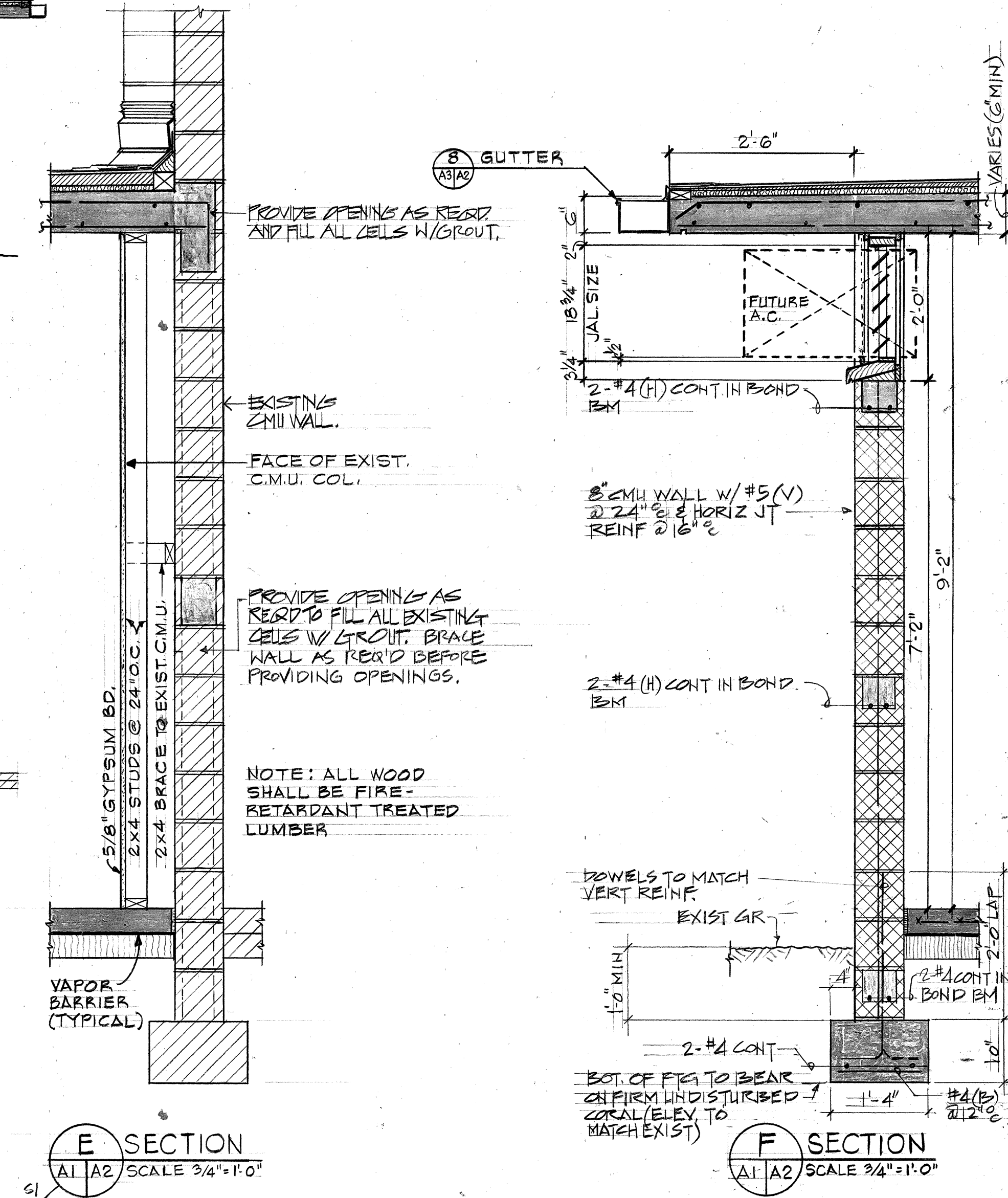
D2 SECTION-ELEVATION
A1/A2 SCALE 1/4"=1'-0"



EAST ELEVATION
SCALE 1/8"=1'-0"

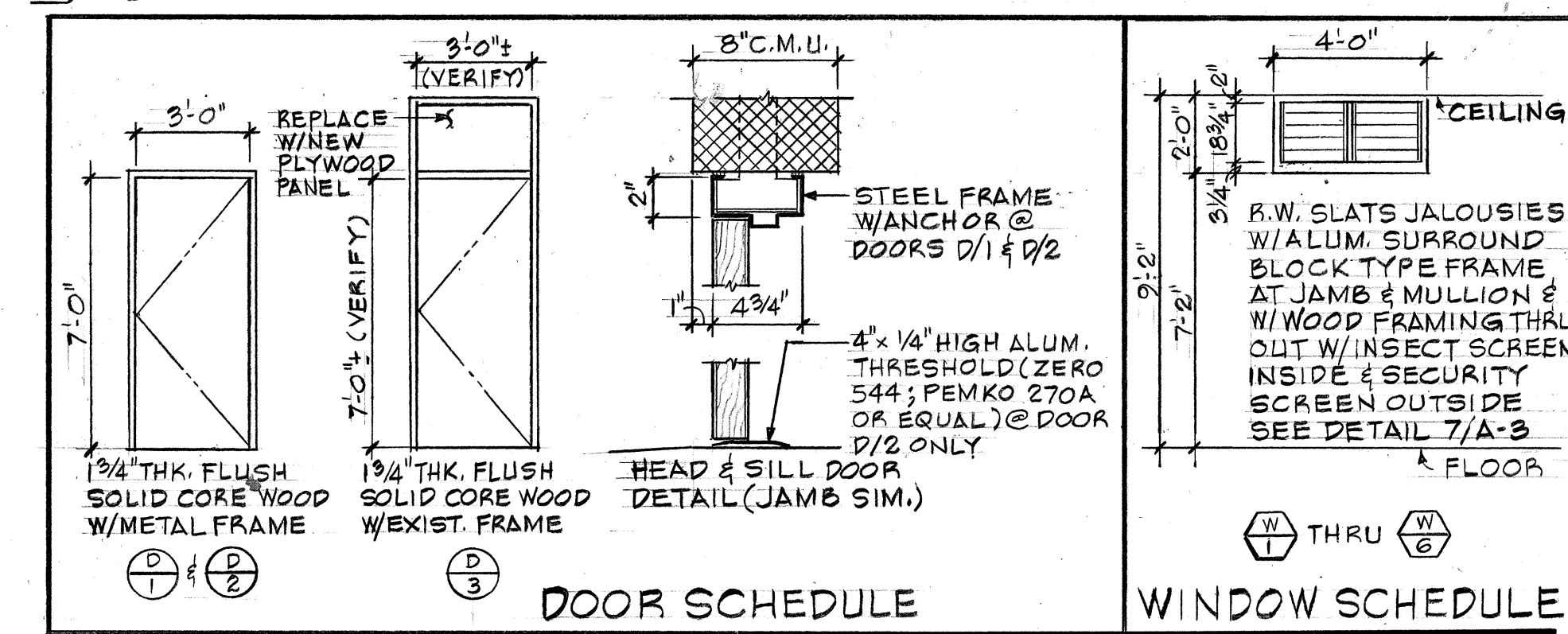


SOUTH ELEVATION
SCALE 1/8"=1'-0"



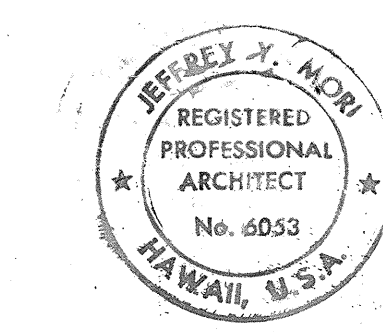
E SECTION
A1/A2 SCALE 3/4"=1'-0"

F SECTION
A1/A2 SCALE 3/4"=1'-0"



DOOR SCHEDULE

WINDOW SCHEDULE

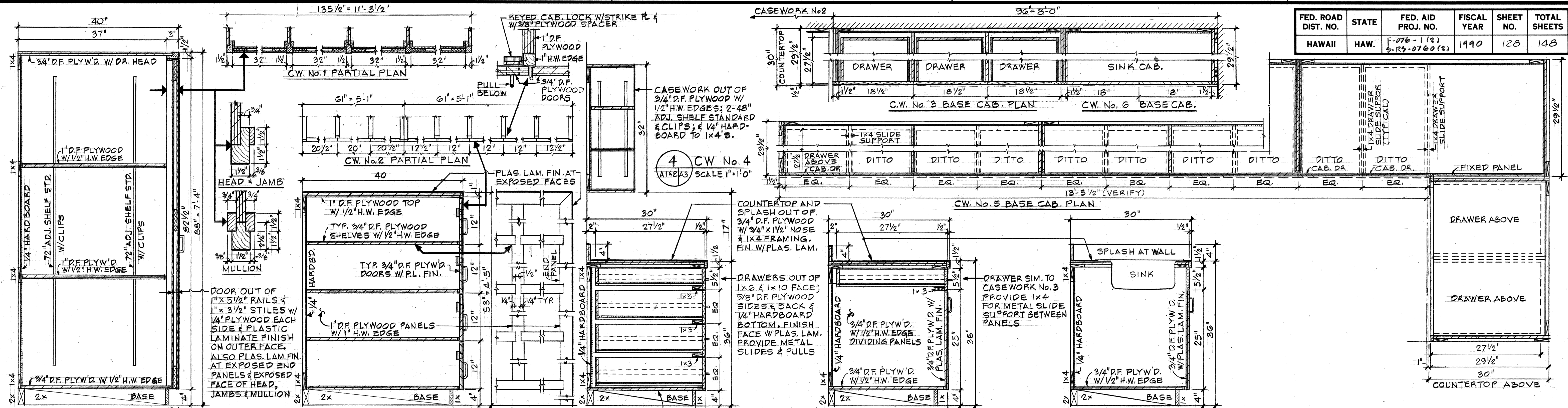


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Signature: Jeffrey Y. Mori

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
ILIMA INTERMEDIATE SCHOOL
ELEVATIONS, SECTIONS,
DOOR & WINDOW SCHEDULE
FORT WEAVER ROAD
HANAKAHI ST. TO ENA BEACH RD.
PROJ. NO. F-076-1(2) S-RS-0760(2)
SCALE: AS NOTED DATE: JUNE 1989
SHEET NO. A2 OF 3 SHEETS

DATE	
SURVEY PLOTTED BY	
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
NO.	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-076-1 (2) S-RS-0760 (2)	1990	128	148



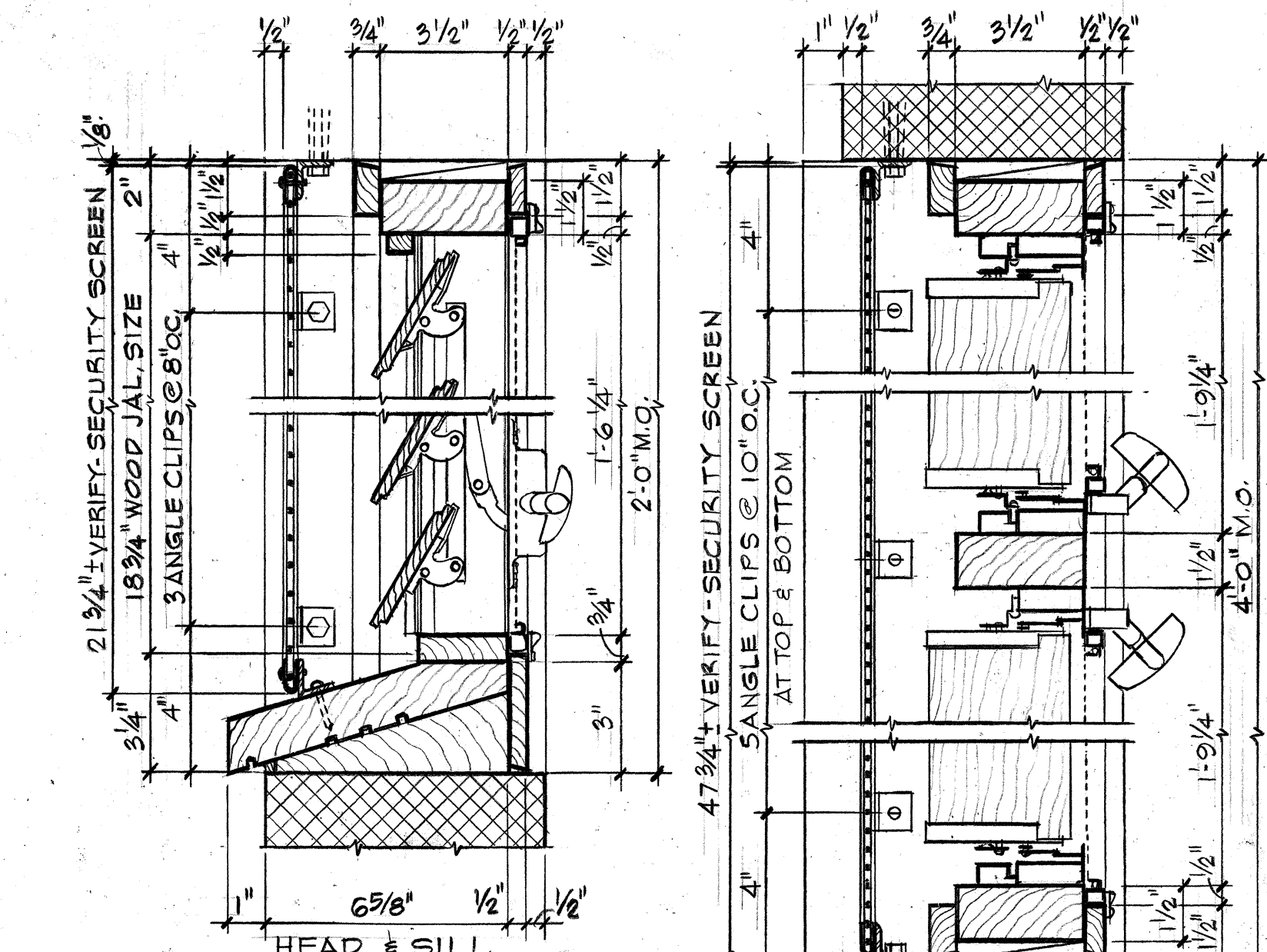
1 CASEWORK No. 1
A1/2 A3 SCALE: SEC. & PLAN 1"=1'-0"
DET. 3"=1'-0"

2 CASEWORK No. 2
A1/2 A3 SCALE: SEC. & PLAN 1"=1'-0"
DET. 3"=1'-0"

3 CASEWORK No. 3
A1/2 A3 SCALE 1"=1'-0"

5 CASEWORK No. 5
A1/2 A3 SCALE 1"=1'-0"

6 CASEWORK No. 6
A1/2 A3 SCALE 1"=1'-0"



MATERIALS:

JALOUSIE: ANODIZED SURROUND BLOCK TYPE ALUMINUM JAMB W/ 3/8" x 4" RED WOOD BLATS - PAINTED.

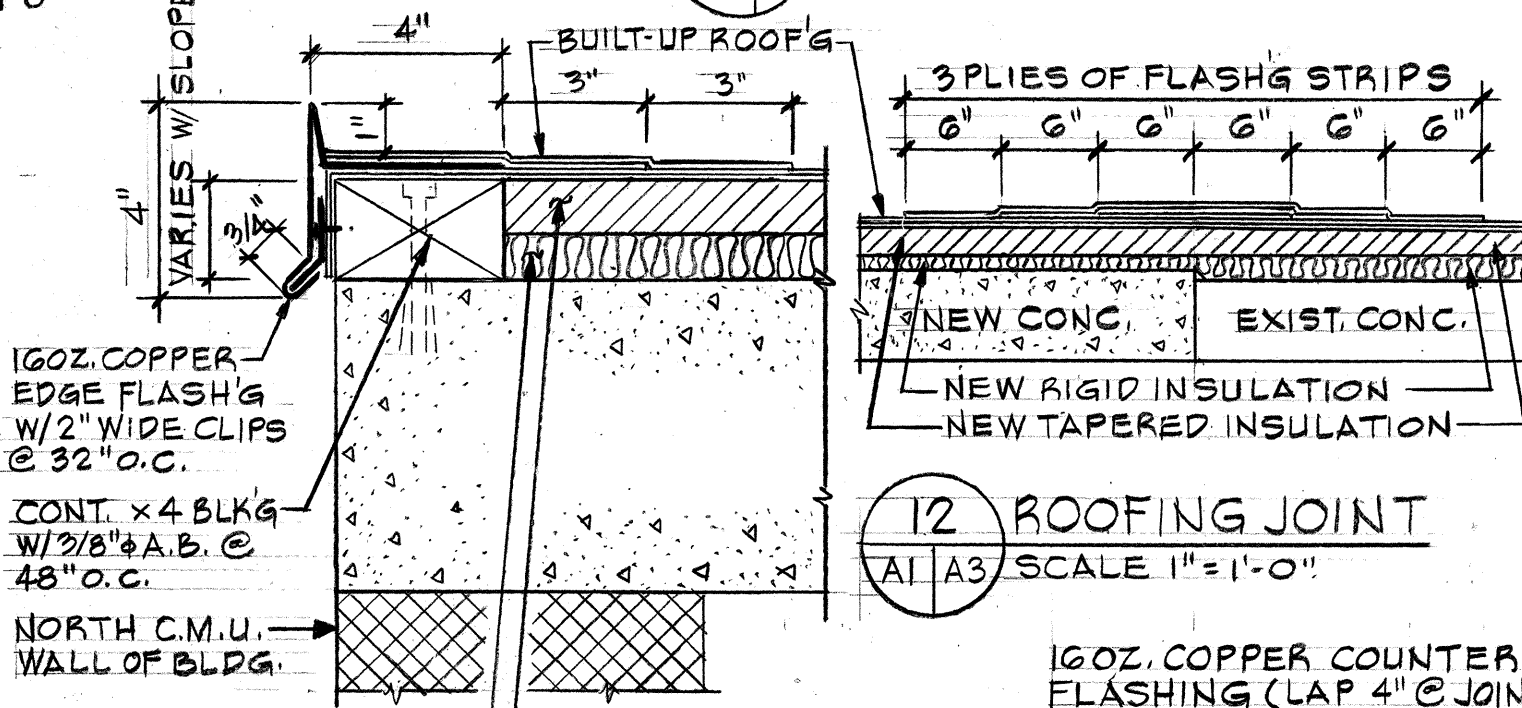
INSECT SCREEN (INSIDE): TUBULAR ALUM. FRAME W/ FIBERGLASS MESH & CLIPS

SECURITY SCREEN (OUTSIDE): 1" U-SHAPED 1/8" BENT STL. R. FRAME WELDED W/ FLATTEN EXPANDED STEEL MESH (32" x 21" x 12" THK) SECURED TO 1" x 1/2" x 1/8" STEEL ANGLE CLIPS W/ SELF-TAPING TAMPER PROOF SCREWS. BOLT CLIPS TO C.M.U. W/ 1/4" EXP. BOLTS & TO WOOD SILL W/ TAMPER PROOF SCREWS.

WOOD FRAMING: DOUGLAS FIR MILLED SIZE AS SHOWN. SILL OUT OF 2x10 W/ CONTINUOUS BLOCKING, CAULK & PAINT.

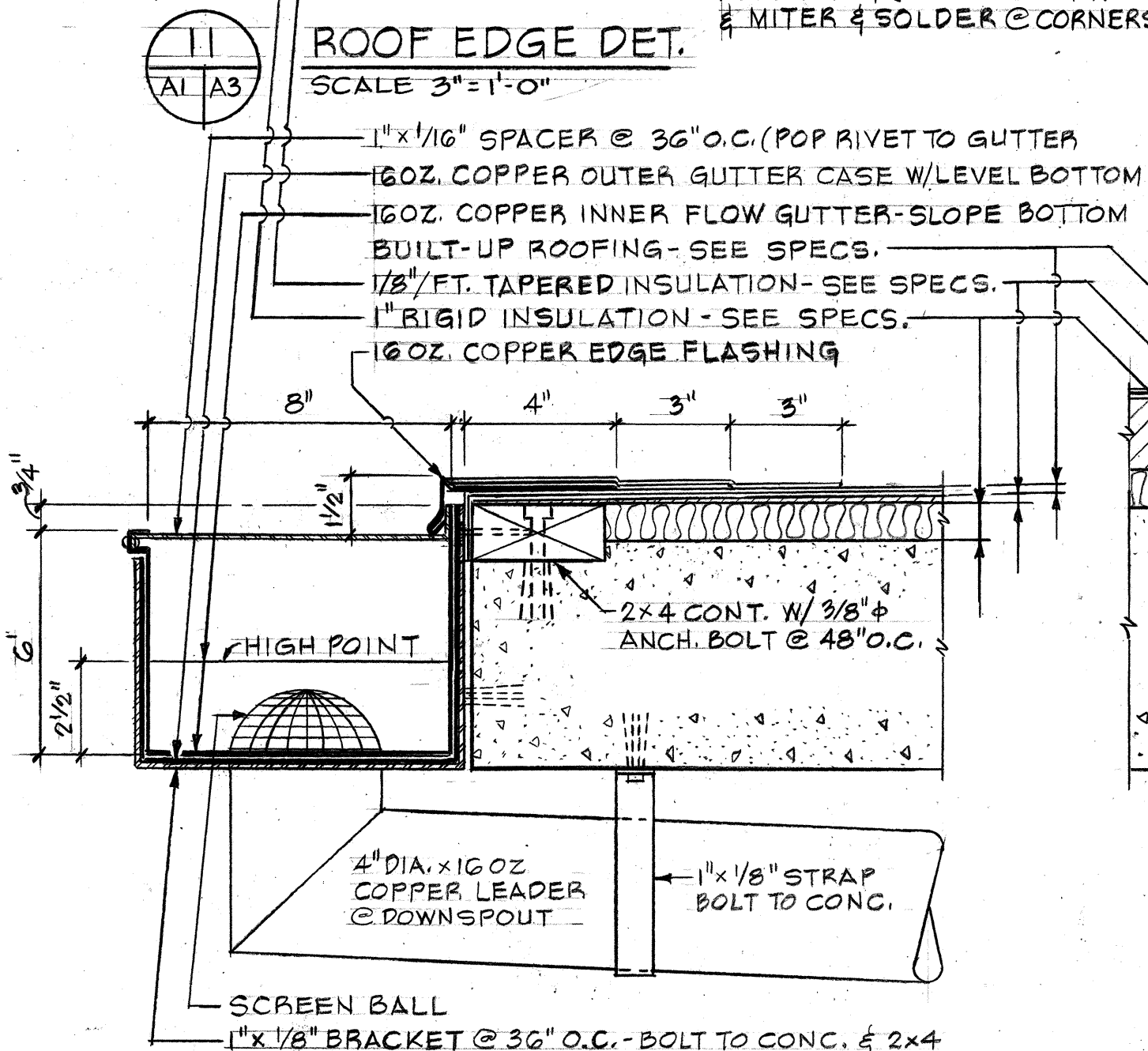
NOTE: ALL STEEL TO BE HOT-DIPPED GALVANIZED TOUCH-UP W/ ZRC

7 WINDOW DETAIL
A2/A3 SCALE 3"=1'-0"

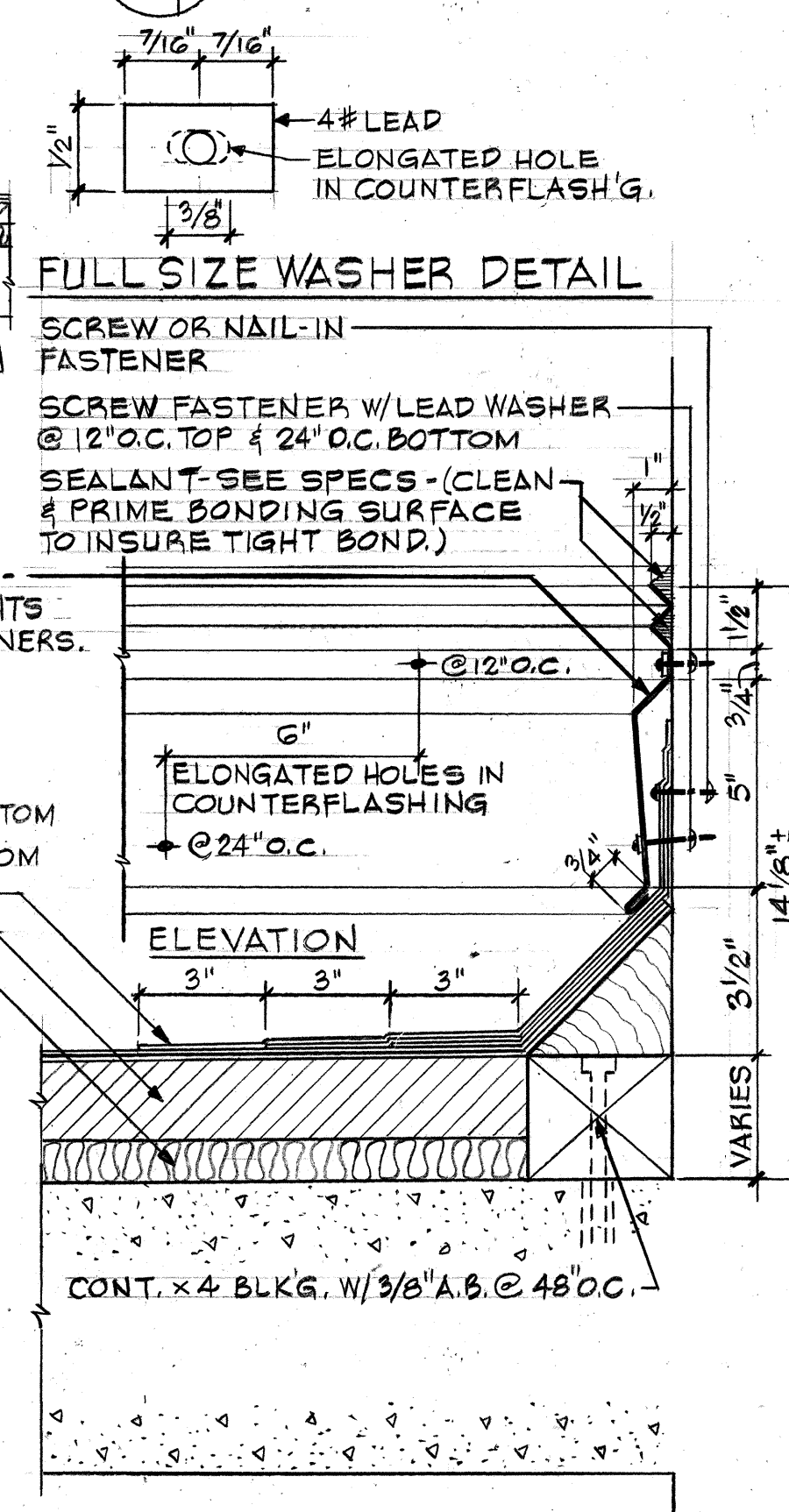


11 ROOF EDGE DET.
A1/A3 SCALE 3"=1'-0"

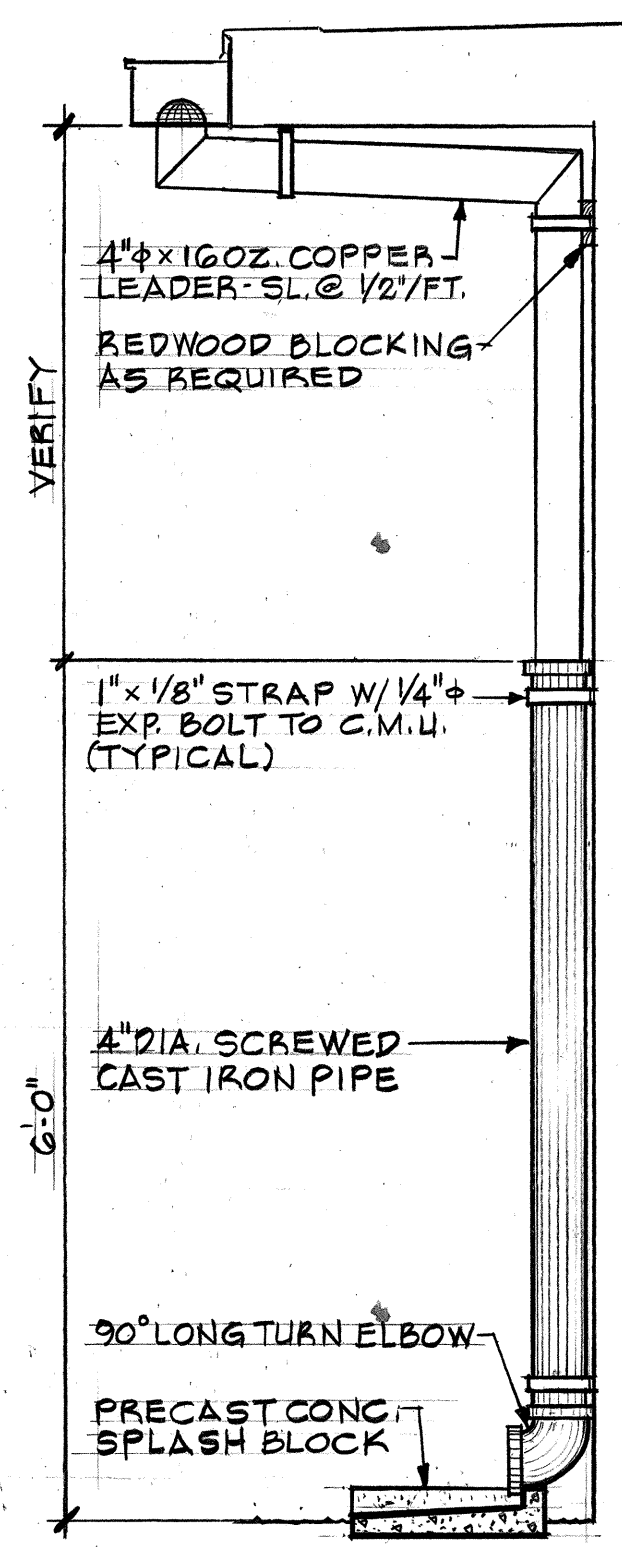
12 ROOFING JOINT
A1/A3 SCALE 1"=1'-0"



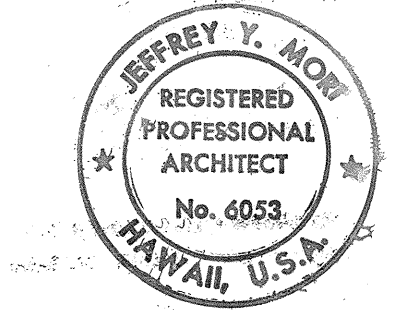
8 GUTTER & ROOF EDGE DETAIL
A1/2 A3 SCALE 3"=1'-0"



9 ROOF @ WALL DETAIL
A1/A3 SCALE 3"=1'-0"



10 DOWNSPOUT DET.
A1/A3 SCALE 3/4"=1'-0"



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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ILIMA INTERMEDIATE SCHOOL

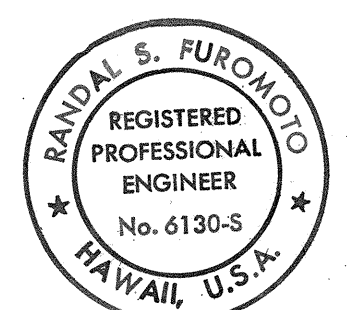
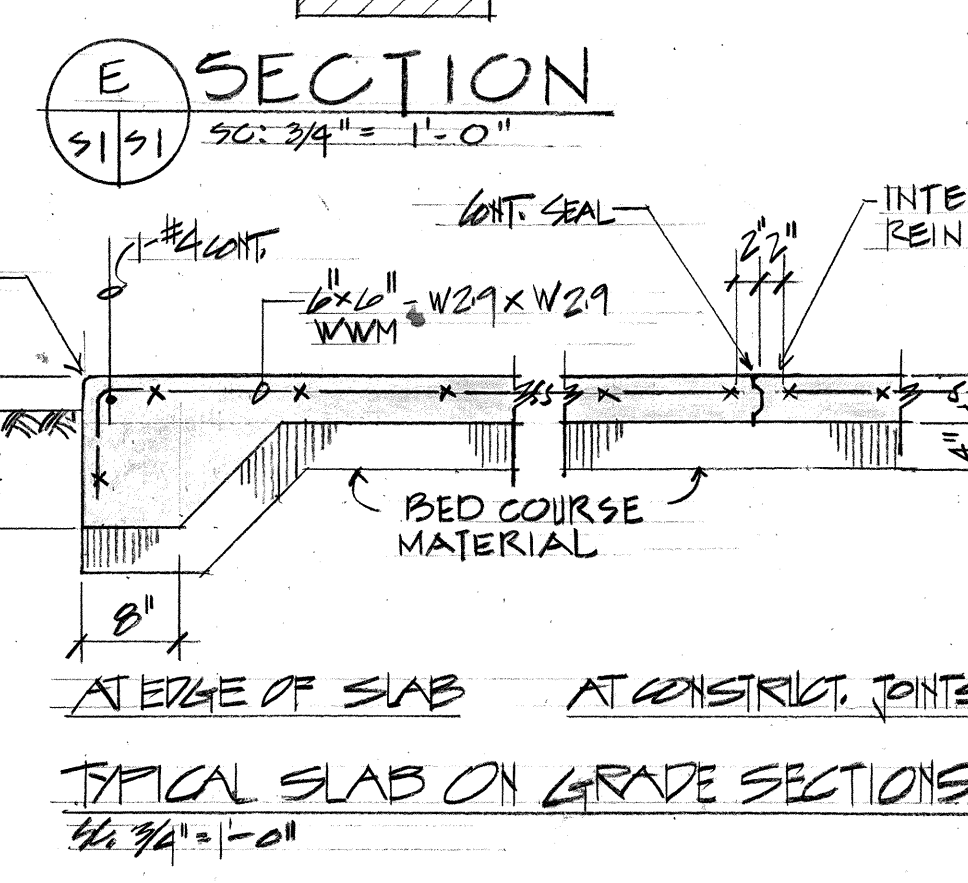
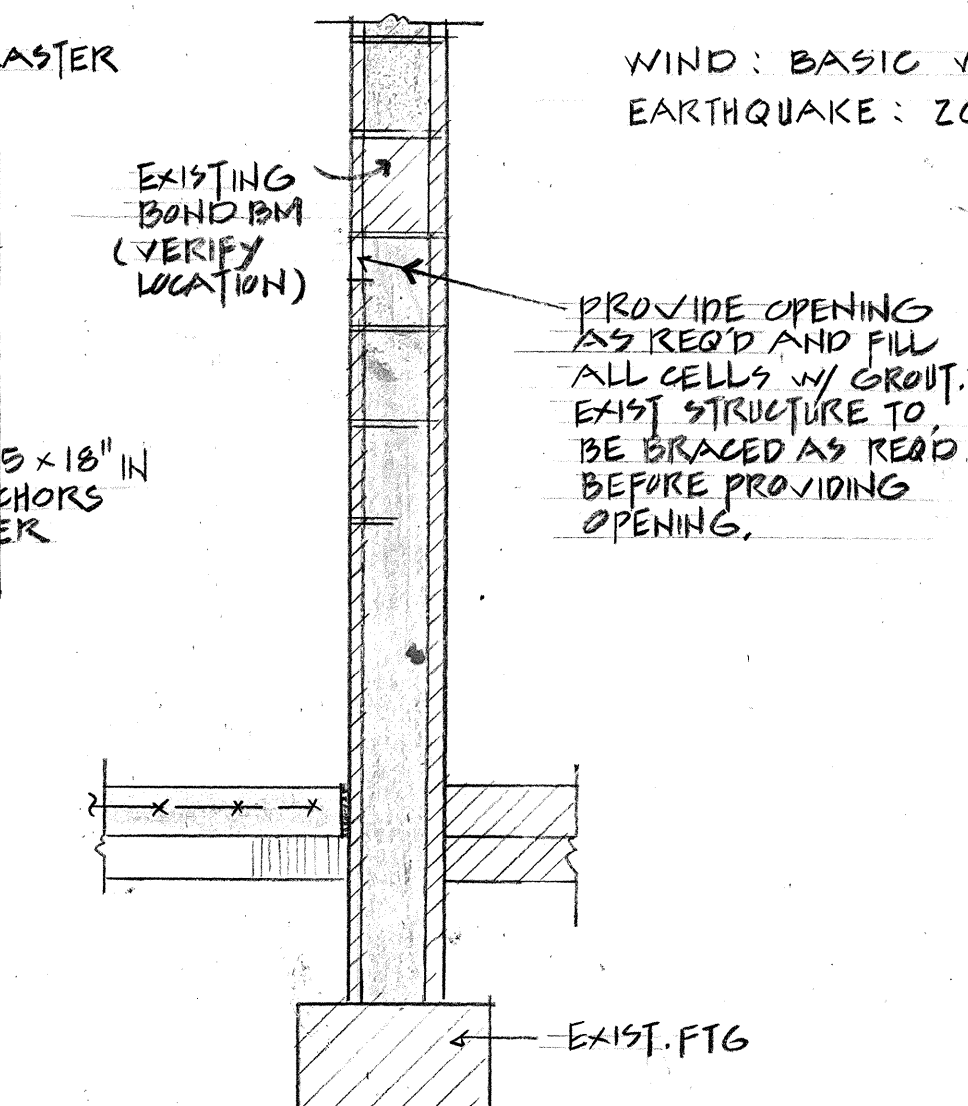
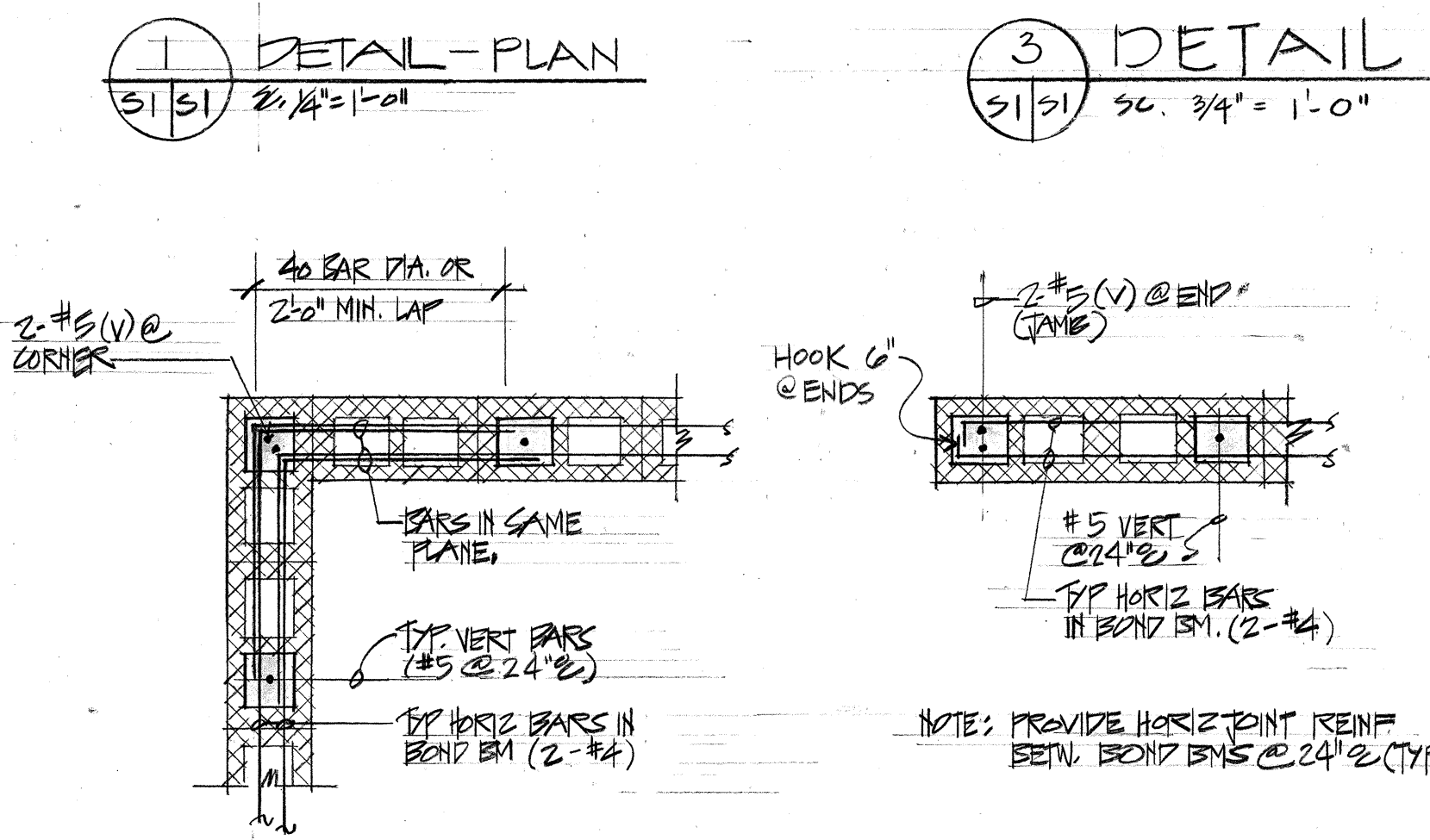
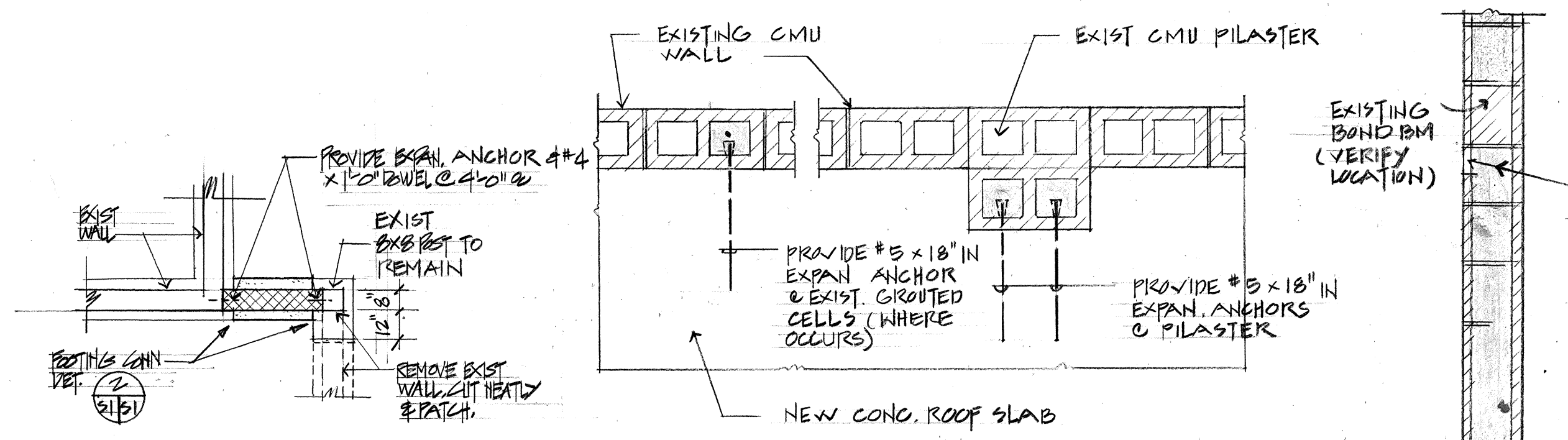
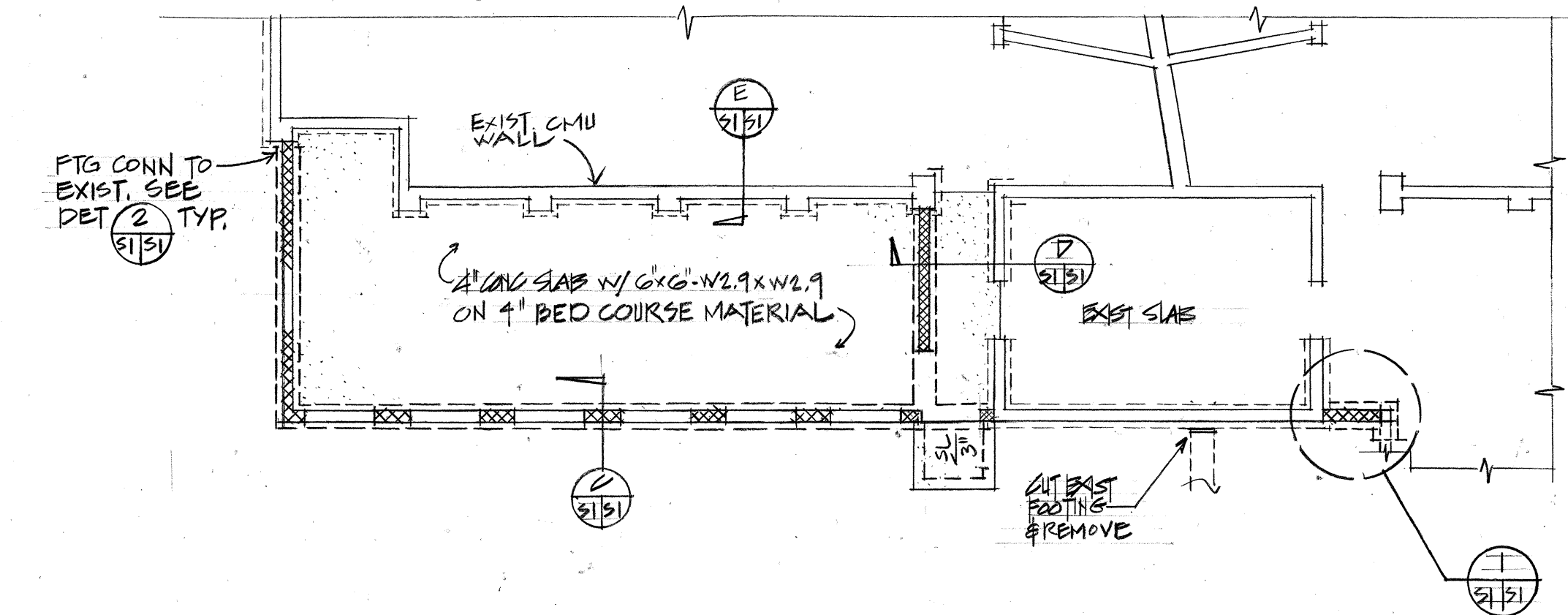
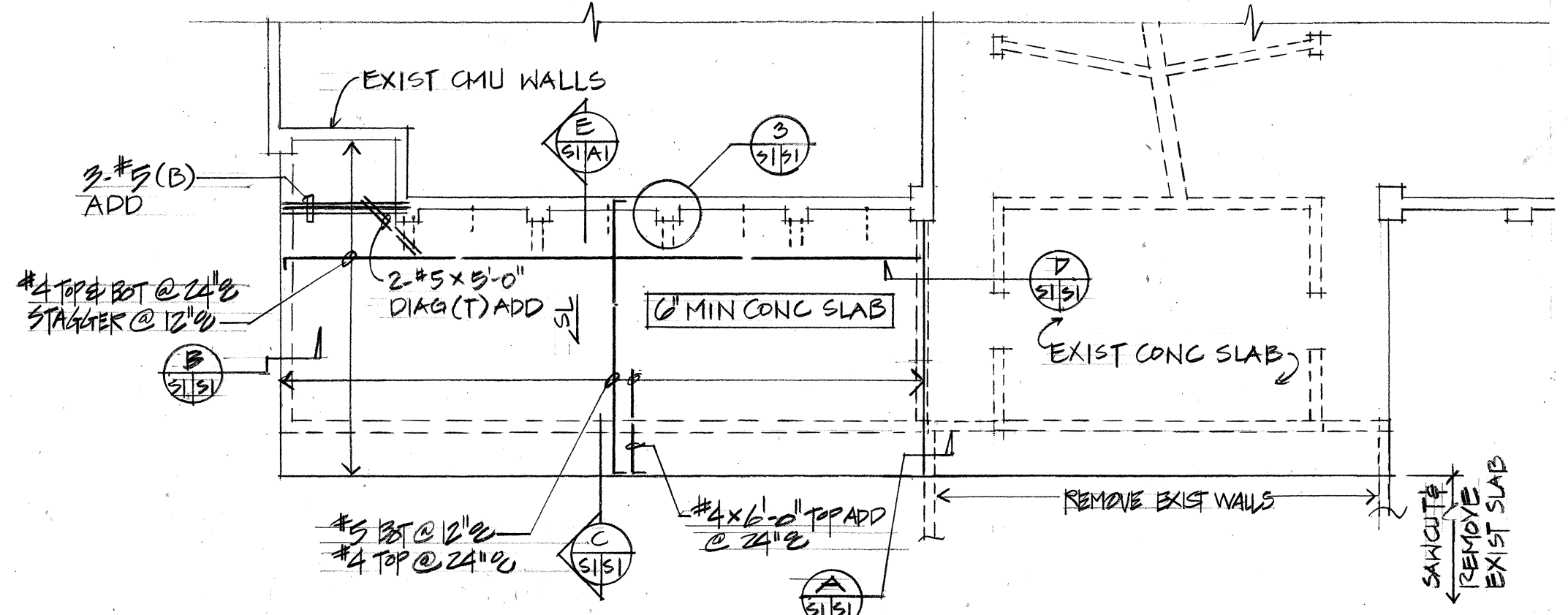
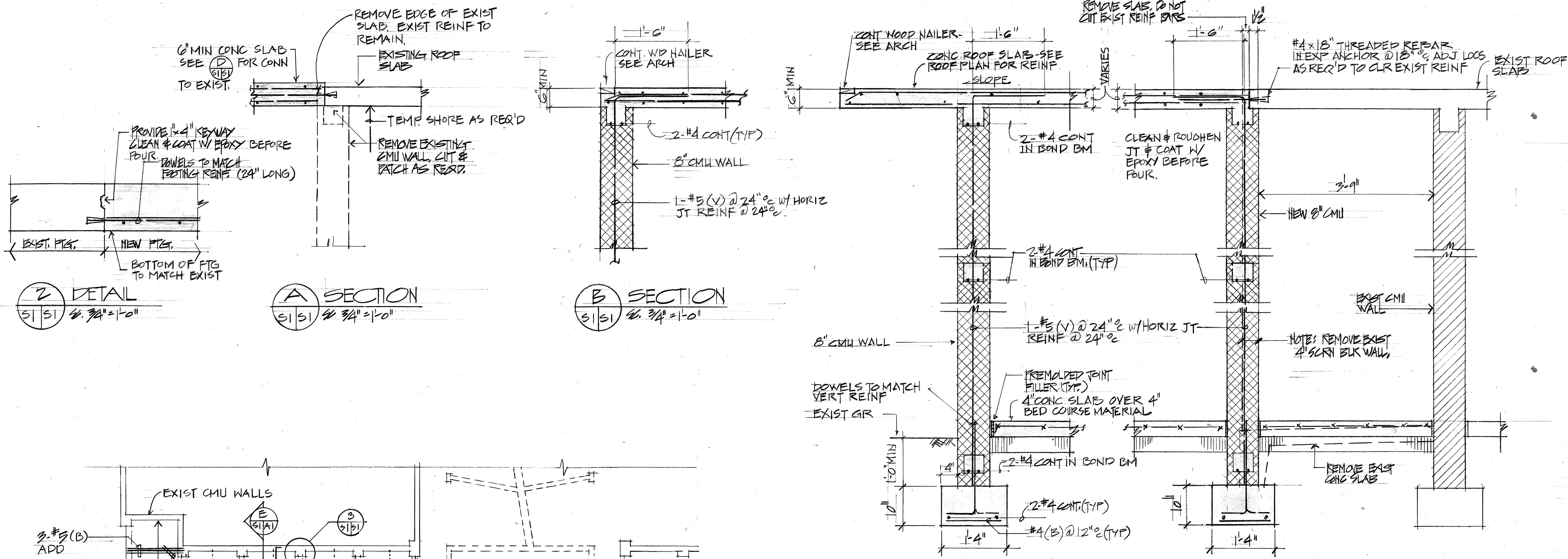
CASEWORK, WINDOW, GUTTER & ROOF EDGE DETAIL
FORT WEAVER ROAD
HANAKAHI ST. TO EVA BEACH RD.
PROJ. NO. F-076-1 (2) S-RS-0760 (2)
SCALE: AS NOTED DATE: JUNE 1989

SHEET No. A3 OF 3 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-076-1(2) S-RS-0760(2)	1990	129	148

GENERAL NOTES

1. CONTRACTOR SHALL VERIFY ALL DIMENSIONS & EXISTING CONDITIONS BEFORE COMMENCING WORK. ANY DISCREPANCIES AND/OR INCONSISTENCIES SHALL BE REPORTED TO THE ARCHITECT FOR CLARIFICATION.
2. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE ADEQUATE TEMPORARY SHORING AND BRACING OF THE STRUCTURE FOR ALL LOADS IMPOSED UPON IT DURING CONSTRUCTION.
3. ALL MATERIALS & WORKMANSHIP SHALL CONFORM TO THE STANDARDS OF THE UNIFORM BUILDING CODE (UBC 85) AND ITS AMENDMENTS. CONC. WORK SHALL CONFORM TO THE "BUILDING CODE REQUIREMENTS FOR REINF. CONC." (ACI 318-83).
4. FOUNDATIONS SHALL REST ON WELL-COMPACTED MATERIAL. SOFT SPOTS OR EXPANSIVE CLAYED SOIL SHALL BE REMOVED & REPLACED W/GRANULAR BACKFILL MATERIAL.
5. MATERIALS: (SEE SPECIFICATIONS)
 - A. CONCRETE: NORMAL WEIGHT W/MIN 28 DAY COMPRESSIVE STRENGTH (FC) = 3000 PSI; MAXIMUM AGGREGATE 1" A WATER REDUCING ADMIXTURE CONFORMING TO ASTM C494 SHALL BE PROVIDED IN ALL CONCRETE.
 - B. REINFORCING STEEL: ASTM A615, GRADE 40, DEFORMED BARS. LAP ALL BARS 40 BAR DIAMETERS OR 2'-0" MIN. AT SPLICES.
 - C. CONCRETE MASONRY UNITS (CMU): ASTM C90, LOAD BEARING, GRADE N, TYPE II UNITS.
 - D. HORIZONTAL JOINT REINF: LADDER TYPE W/2-#9 GA. LONGITUDINAL WIRES & #9 GA. CROSSWIRES CONFORMING TO ASTM A82 AND BE GALVANIZED.
 - E. GROUT: MIN 28 DAY COMPRESSIVE STRENGTH (FC) = 2500 PSI.
 - F. MORTAR: TYPE M W/MIN 28 DAY COMPRESSIVE STRENGTH (FC) = 2000 PSI.
 - G. EXPANSION ANCHORS: FED SPEC FF-S-325 "SELF-DRILLING" OR "DROP-IN" TYPE CONSTRUCTED OF GALVANIZED STEEL. POWDER ACTIVATED FASTENERS SHALL NOT BE PERMITTED
6. DESIGN LOADS
 - A. DEAD LOAD: FLOOR 125 PSF ROOF 20 PSF
 - B. LIVE LOAD: FLOOR 125 PSF ROOF 20 PSF
 - C. WIND: BASIC WIND SPEED = 80 MPH, UBC 85.
 - D. EARTHQUAKE: ZONE I, UBC 85.



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ILIMA INTERMEDIATE SCHOOL

GENERAL NOTES, SECTIONS,
FOUNDATION & ROOF PLAN
FORT WEAVER ROAD
HANAKAHI ST. TO EWA BEACH RD.

PROJ. NO. F-076-1(2) S-RS-0760(2)
SCALE: AS NOTED DATE: JUNE 1989

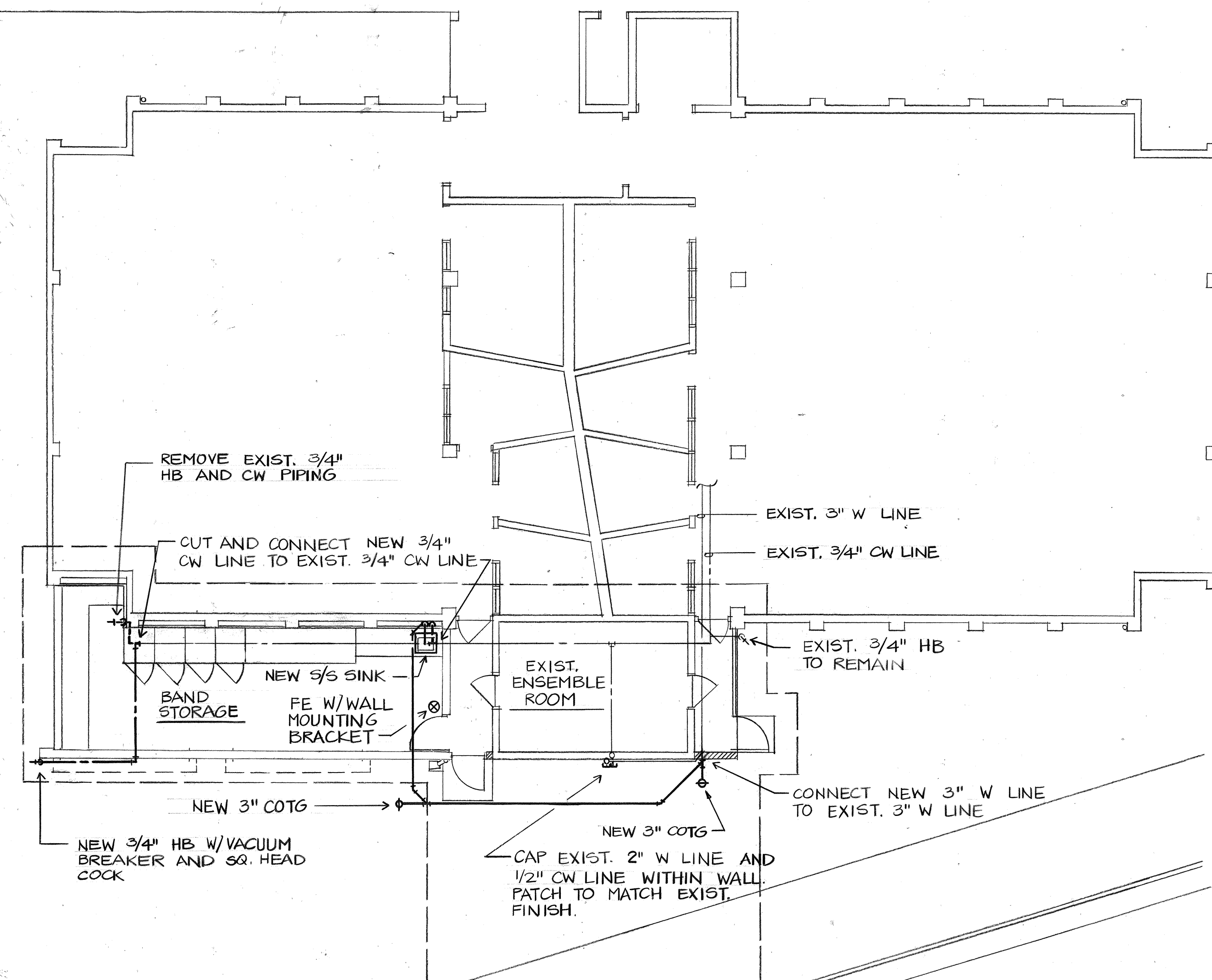
SHEET No. 51 OF 1 SHEETS

DATE:	
DESIGNED BY:	
DRAWN BY:	
CHECKED BY:	
ORIGINAL PLAN:	
NOTE BOOK:	
NO.	

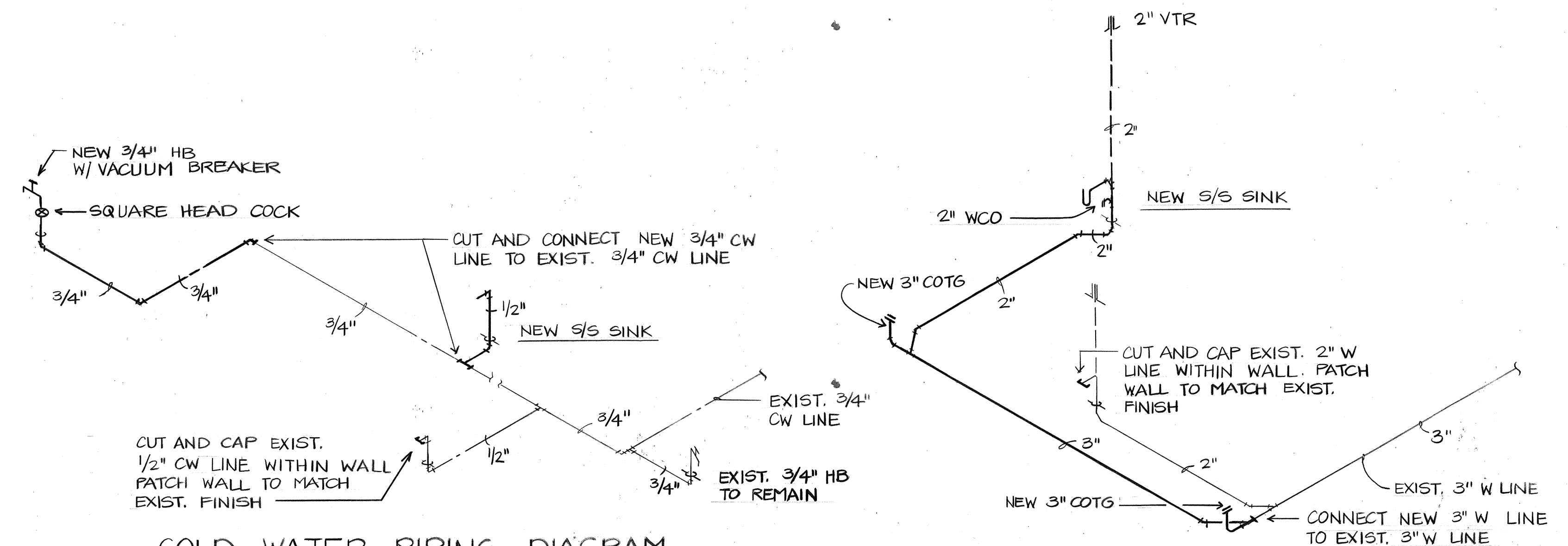
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-076-1 (2) S-RS-0760 (2)	1990	128	148

MECHANICAL LEGEND

_____	EXISTING COLD WATER LINE
_____	EXISTING WASTE LINE
_____	EXISTING VENT LINE
_____	NEW COLD WATER LINE
_____	NEW WASTE LINE
_____	NEW VENT LINE
COTG	CLEAN OUT TO GRADE
CW	COLD WATER
FCO	FLOOR CLEAN OUT
HB	HOSE BIBB
VTR	VENT THRU ROOF
W	WASTE
WCO	WALL CLEAN OUT
FE	FIRE EXTINGUISHER



PLUMBING FLOOR PLAN - MUSIC BUILDING
SCALE: 1/8" = 1'-0"



COLD WATER PIPING DIAGRAM
NOT TO SCALE

SANITARY PIPING DIAGRAM

NOT TO SCALE

EQUIPMENT SCHEDULE

FE. FIRE EXTINGUISHER: 10 LB. DRY CHEMICAL FIRE EXTINGUISHER U/L RATED 4A:60B:C WITH WALL BRACKETS, POTTER ROEMER, INC. FIG. NO. 3010 OR EQUAL.

ORIGINAL PLAN	SURVEY PLOTTED BY _____	DATE _____
NOTE BOOK	DRAWN BY _____	_____
	TRACED BY _____	_____
	DESIGNED BY _____	_____
	QUANTITIES BY _____	_____
No. _____	CHECKED BY _____	_____



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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

LILIMA INTERMEDIATE SCHOOL

PLUMBING FLOOR PLAN, MECH
LEGEND, & PIPING DIAGRAM

FORT WEAVER ROAD
HANAKAHI ST. TO EWA BEACH RD.

PROJ. NO. F-076-1 (2) S-RS-0760 (2)

SCALE: AS NOTED DATE: JUNE 1989

SHEET NO. M-1 OF 1 SHEETS

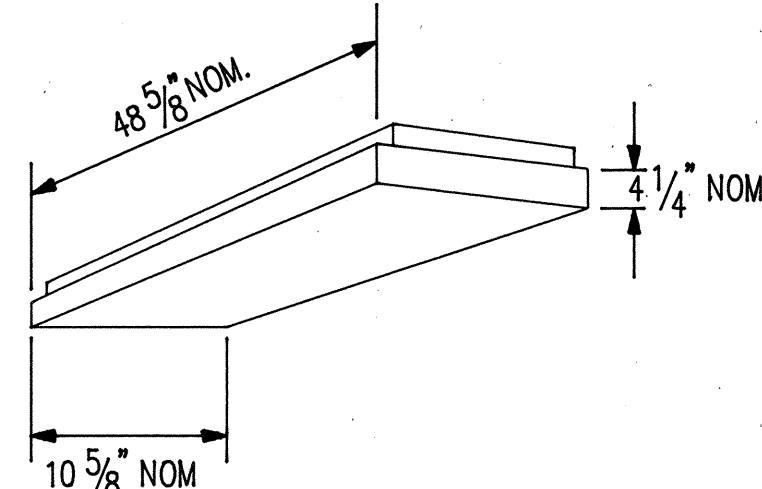
ELECTRICAL SYMBOL LIST

EXISTING	NEW	DESCRIPTION
		LIGHT FIXTURE, FLUORESCENT, CEILING SURFACE MOUNTED.
		RECEPTACLE OUTLET, DUPLEX, 120V, WALL MOUNTED.
		RECEPTACLE OUTLET, SPECIAL PURPOSE, 20A 208V, WALL MOUNTED.
		SINGLE POLE TUMBLER SWITCH.
		JUNCTION BOX, MOUNTED IN CEILING.
		ELECTRIC PANEL.
		CONDUIT CONCEALED ABOVE GRADE OR FINISHED FLOOR. (HASH MARKS INDICATE 3 WIRES WITHIN.)
		HOMERUN TO PANEL OR CABINET: LETTER DENOTES PANEL OR CABINET, NUMBERS DENOTE CIRCUIT NUMBER.
		EXPOSED RACEWAY.
		INDICATOR FOR CONSTRUCTION NOTE.
		FIXTURE INDICATOR: TOP HALF: FIXTURE TYPE. BOT. HALF: NUMBER OF LAMPS / WATTAGE.
		DETAIL INDICATOR: TOP HALF: DETAIL NUMBER. BOT. HALF: SHEET NO., DETAIL DRAWN.
		GFI

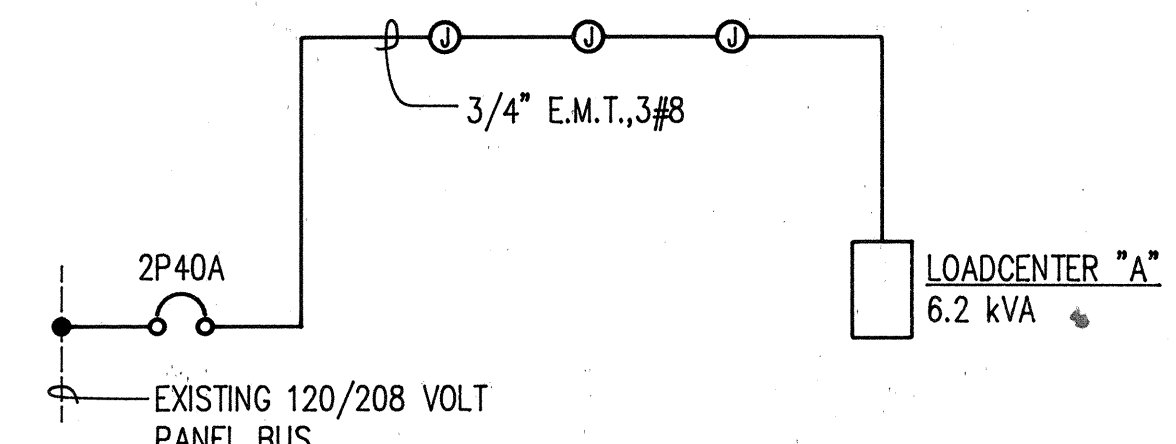
LOADCENTER "A"

		AMP: 70		MTG: FLUSH							
CKT NO.	USE	CIRCUIT BREAKER POLE AMP	WIRE SIZE	CONNECTED LOAD (kVA)				WIRE SIZE	CIRCUIT BREAKER AMP POLE	USE	CKT NO.
				A		B					
1	LIGHTS	1 20	#12	0.4	1.2			#12	20 1	RECEP	2
3	A/C UNIT	2 20				1.0	1.2			↓ ↓	4
5	↓ ↓	— ↓	↓	1.0	1.0				20 2	A/C UNIT	6
7	P. F. B.	1 —	—			1.0	1.0	↓	↓ —	↓ ↓	8
CONNECTED LOAD/PHASE				3.6		4.2					
TOTAL CONNECTED LOAD				7.8		kVA					
DEMAND FACTOR				0.8							
TOTAL DEMAND LOAD				6.2		kVA					

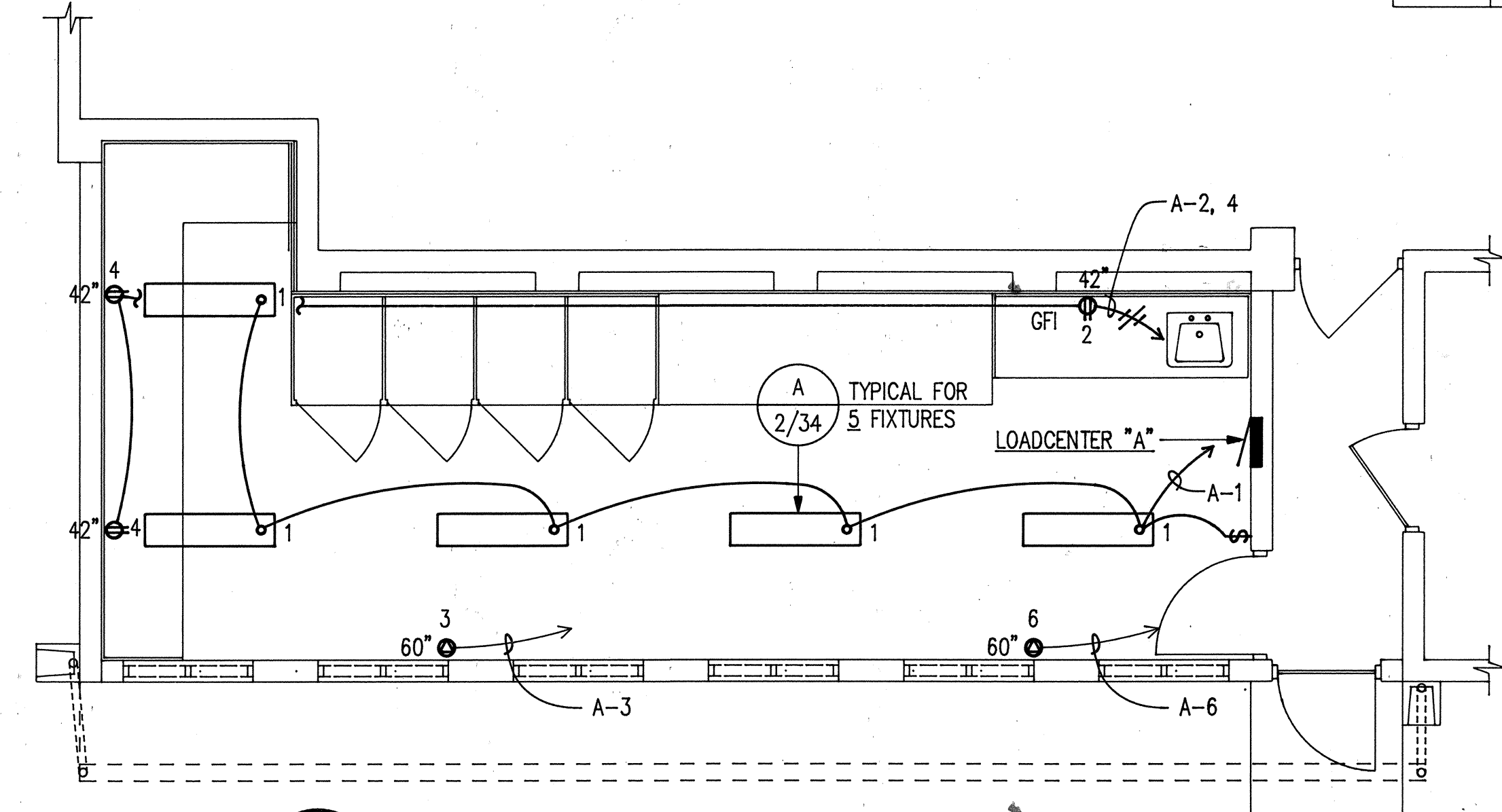
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-076-1(2) S-RS-0760(2)	1990	131	148



LAMP: 2-34 WATT, RAPID START, COOL WHITE
MOUNTING: CEILING SURFACE OR PENDANT
CHASSIS: 18 GAUGE STEEL
FINISH: BAKED WHITE ENAMEL
LENS: PRISMATIC ACRYLIC



ONE LINE DIAGRAM



2 ELECTRICAL FLOOR PLAN
E-1 SCALE: 1/4" = 1'-0"

CONSTRUCTION NOTES

- 1 REMOVE EXISTING LIGHT FIXTURE AND ASSOCIATED CONDUIT AND WIRING.
- 2 REMOVE EXISTING LIGHT SWITCH AND INSTALL NEW WEATHERPROOF BLANK COVER PLATE.
- 3 REMOVE EXISTING RECEPTACLES, MAINTAIN EXISTING WIRING AND INSTALL NEW WEATHERPROOF BLANK COVER PLATE.
- 4 INSTALL IN EXISTING 120/208V PANEL 1 EACH NEW 2P40A CIRCUIT BREAKER IN AVAILABLE P. F. B.

1 PARTIAL ELECTRICAL SITE PLAN — NEW AND REMOVAL WORK
E-1 SCALE: 1/8" = 1'-0"



THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION.
Y. Matsuno
Signature

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
ILIMA INTERMEDIATE SCHOOL
PARTIAL ELECTRICAL SITE PLAN,
ELEC, FLOOR PLAN & DIAGRAM
FORT WEAVER ROAD
HANAKAHI ST. TO EWA BEACH RD.

PROJ. No. F-076-1 (2) S-RS-0760 (2)
SCALE: AS NOTED DATE: JUNE 1989

SHEET No. E-1 OF 1 SHEETS