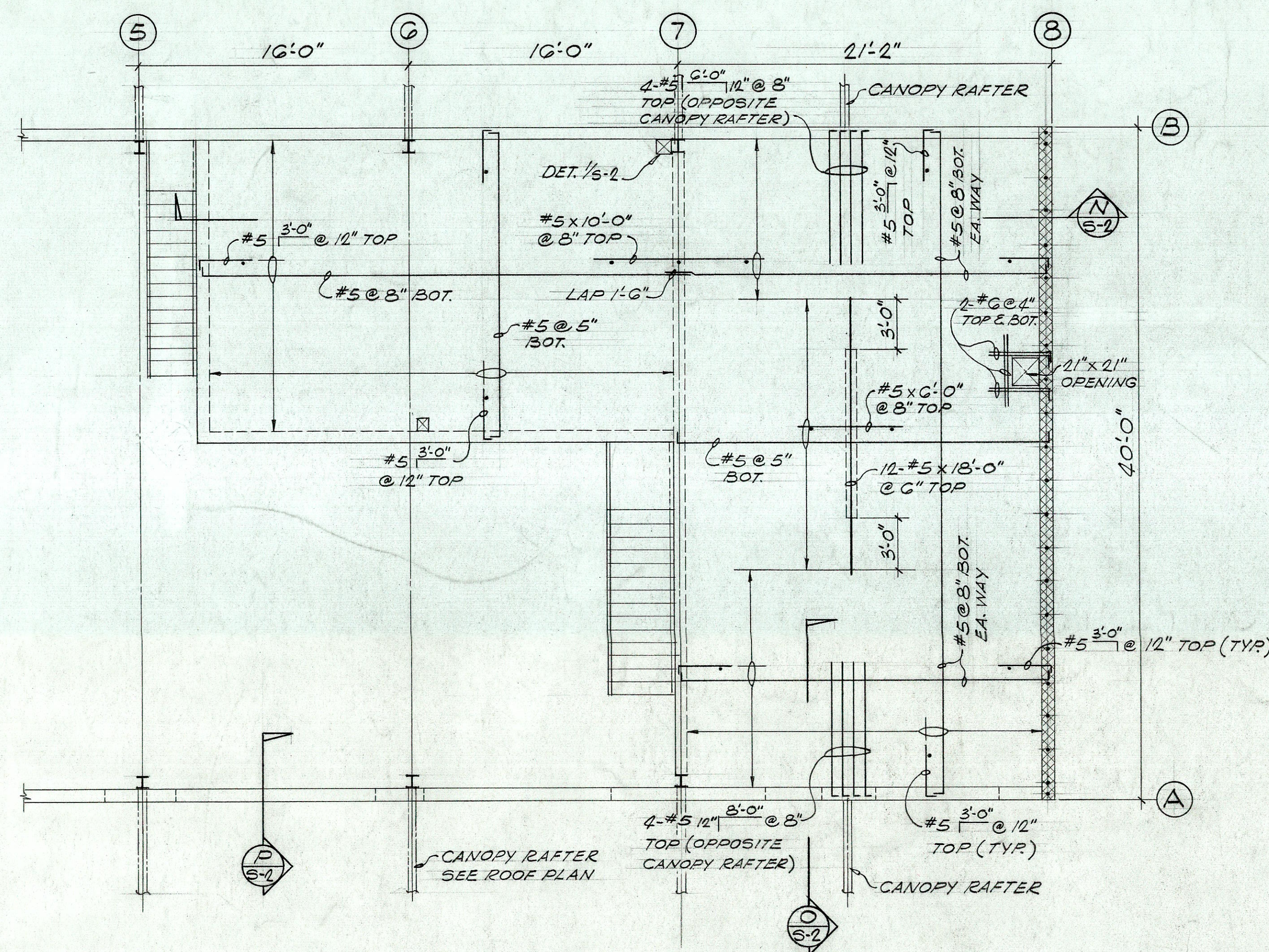
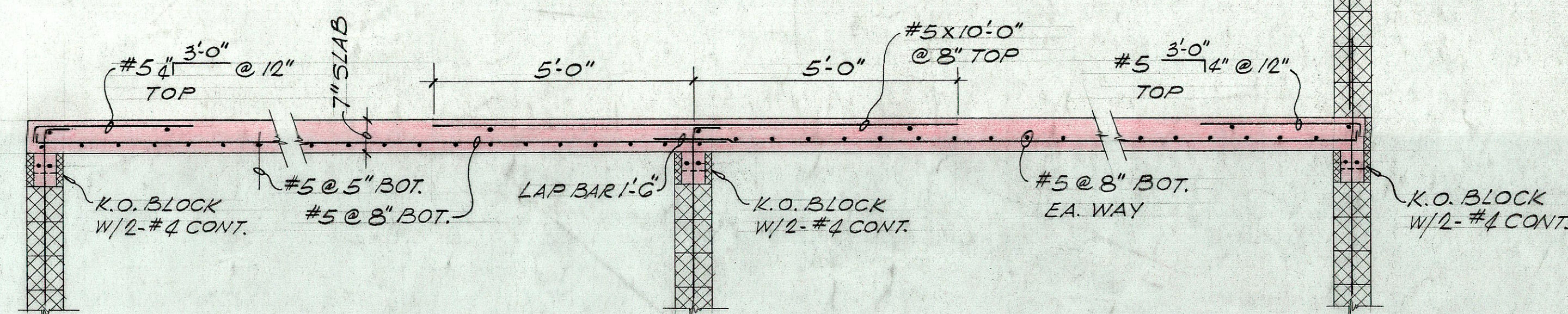


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.				

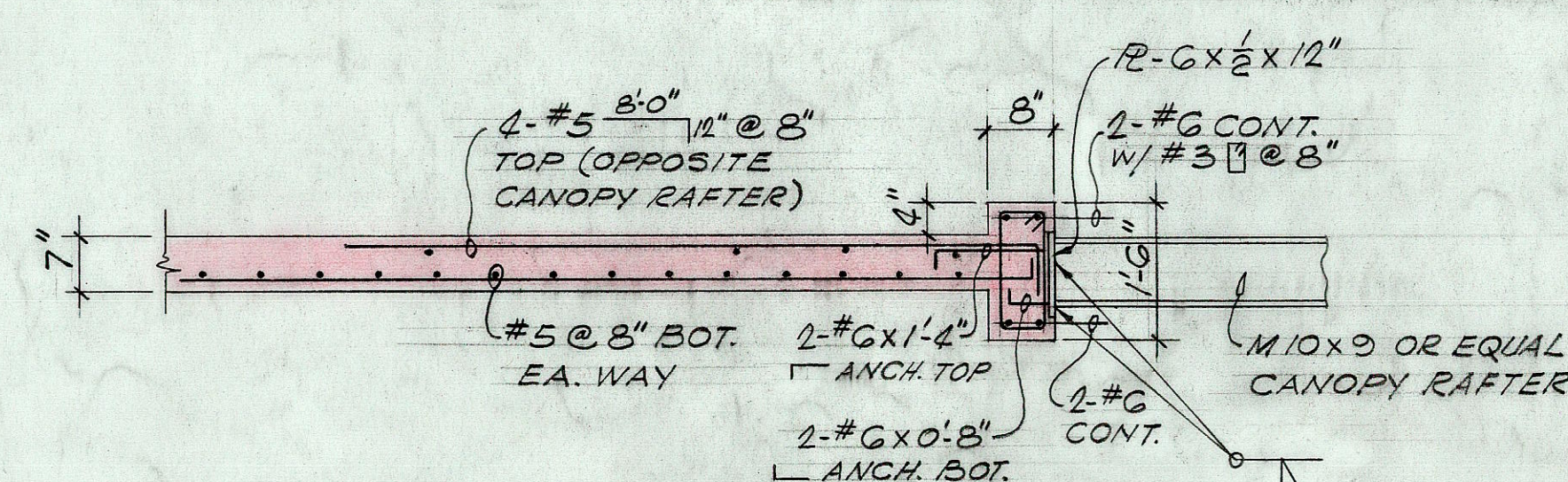


MEZZANINE FLOOR FRAMING PLAN

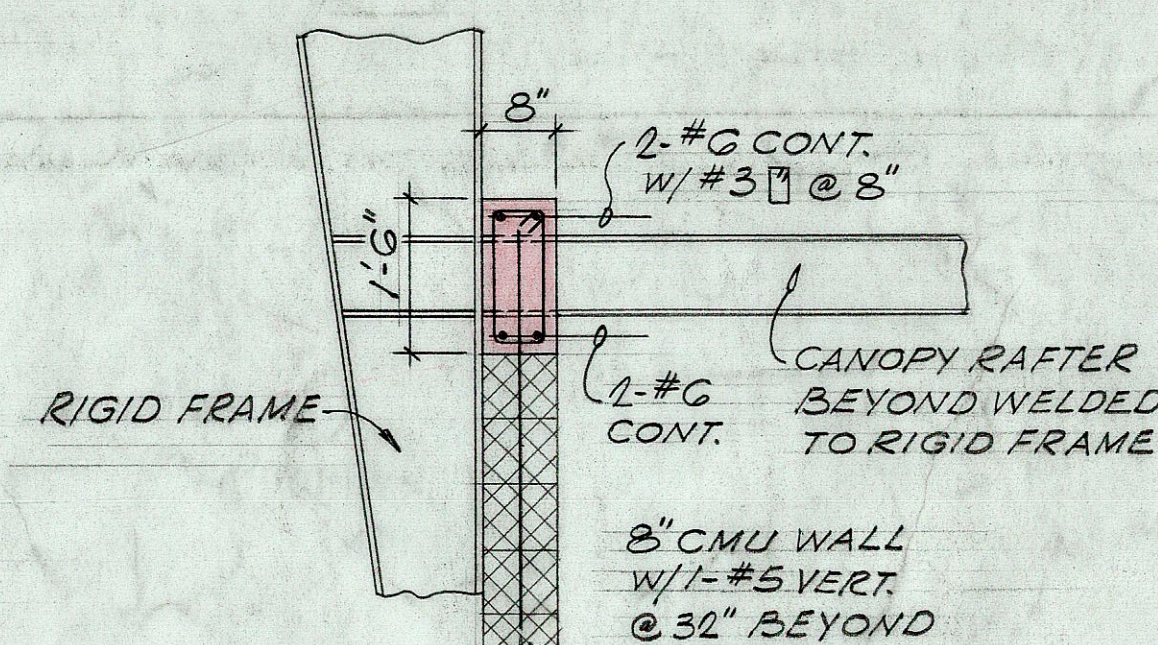
SCALE: $\frac{3}{8}'' = 1'-0''$



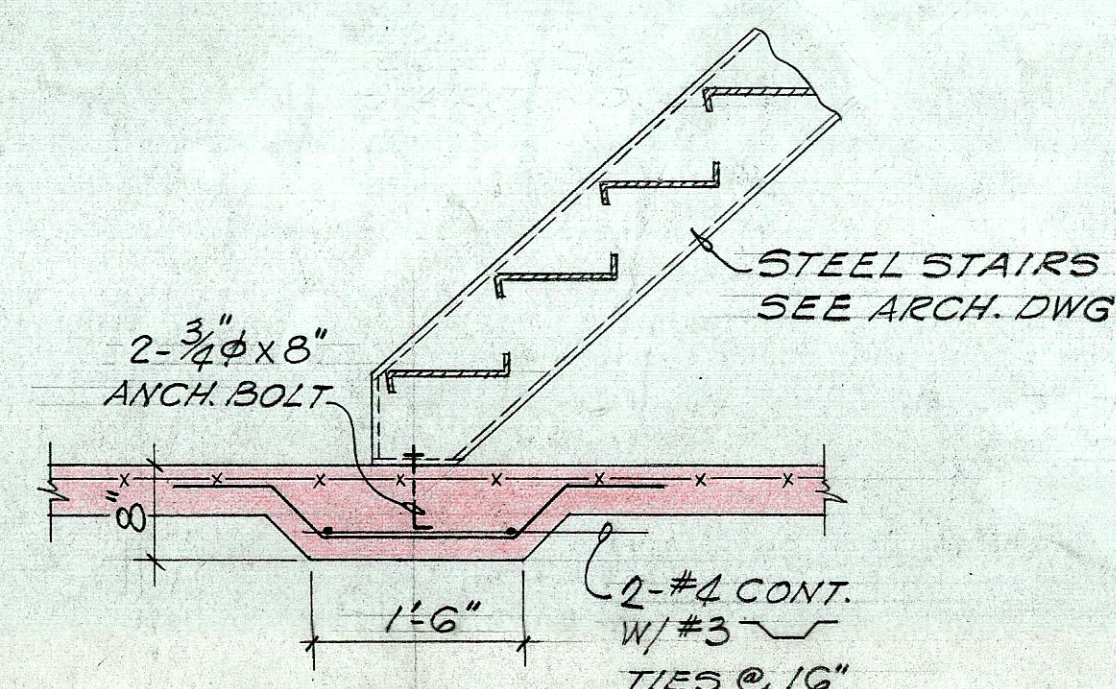
SECT. N
SC. $\frac{1}{2}'' = 1'-0''$



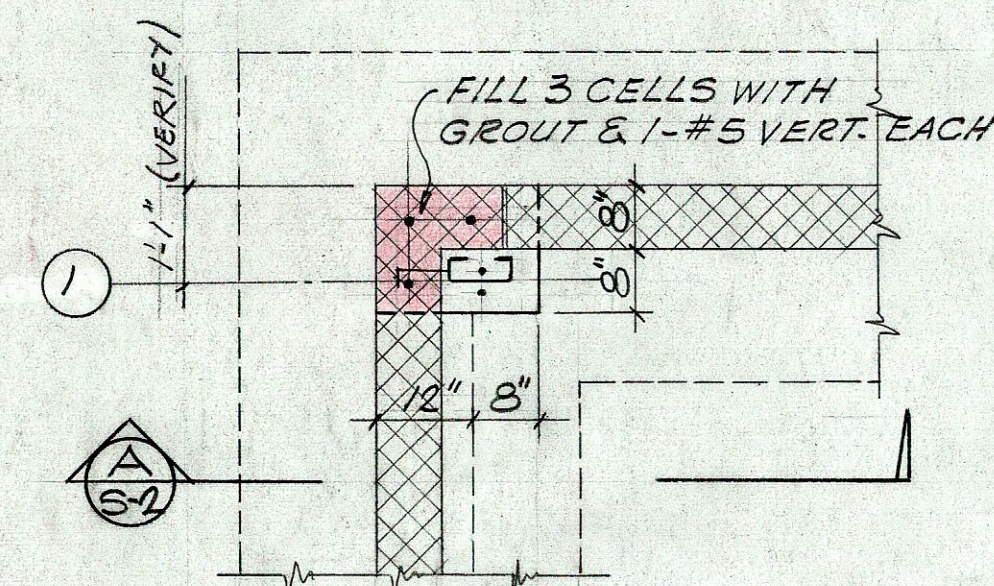
SECT. O
SC. $\frac{1}{2}'' = 1'-0''$



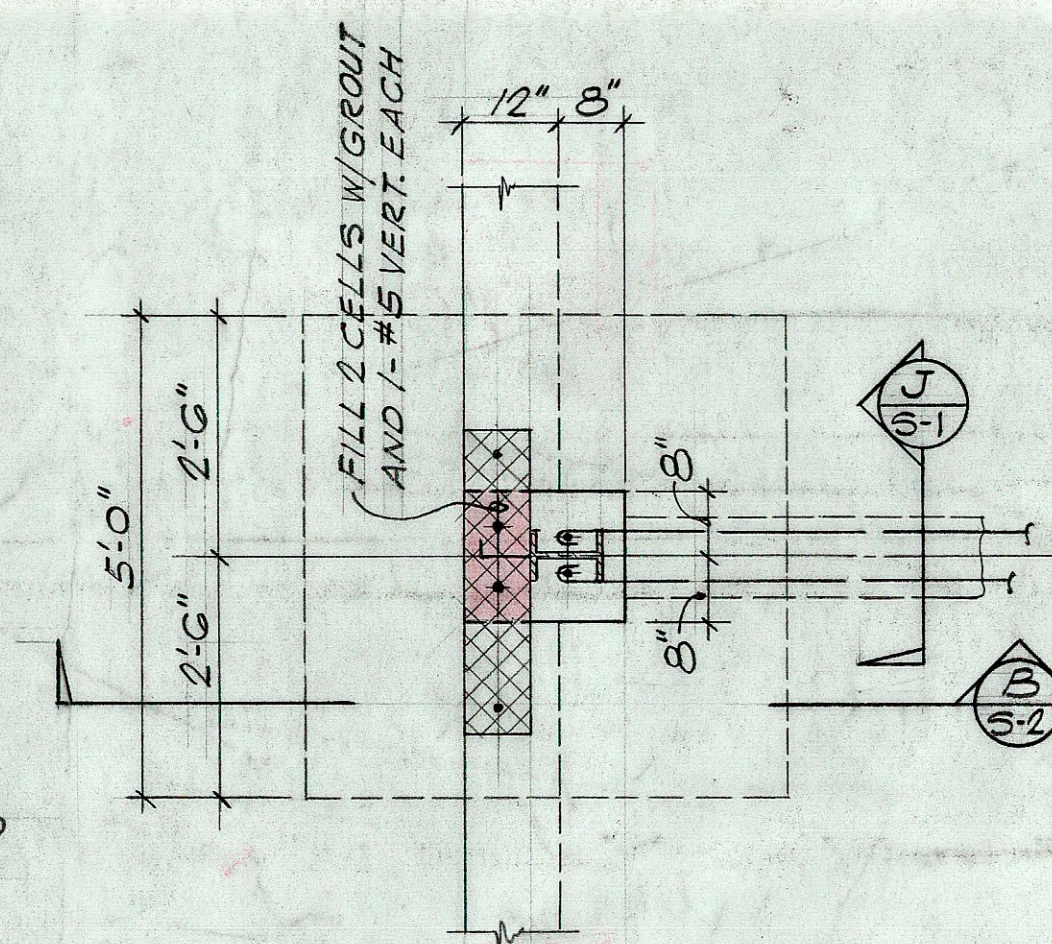
SECT. P
SC. $\frac{1}{2}'' = 1'-0''$



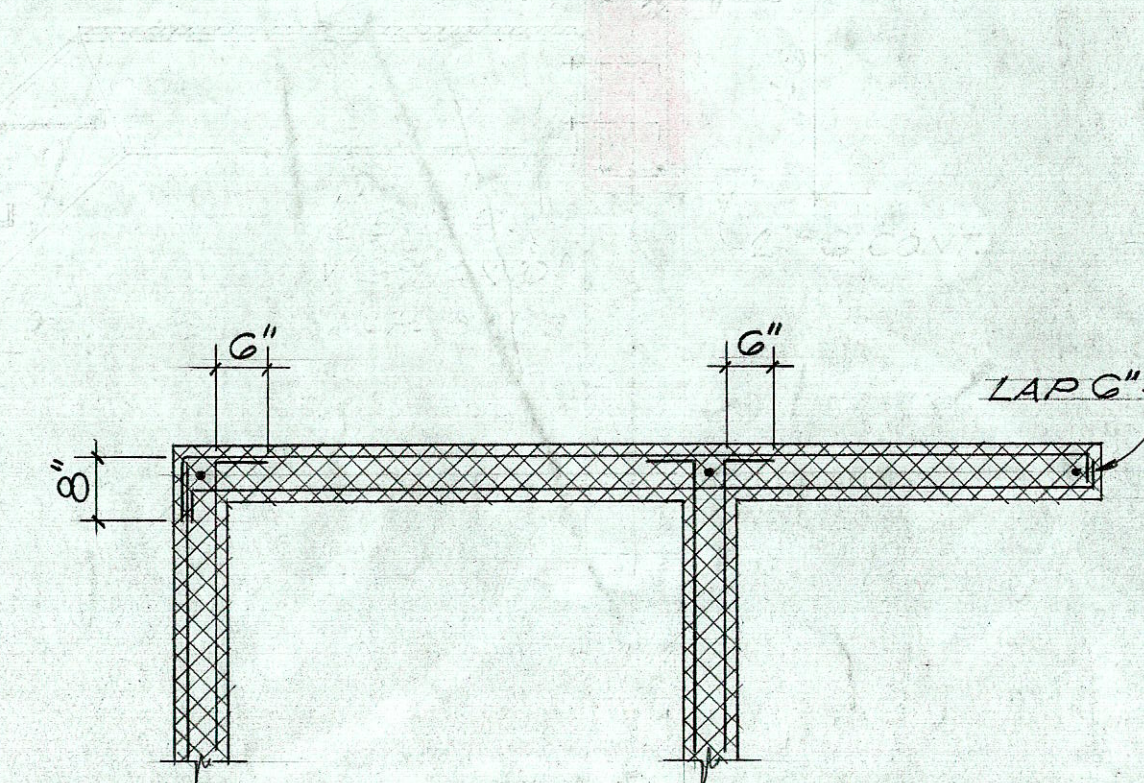
TYP. STAIR FTG. SECT. M
SC. $\frac{3}{4}'' = 1'-0''$



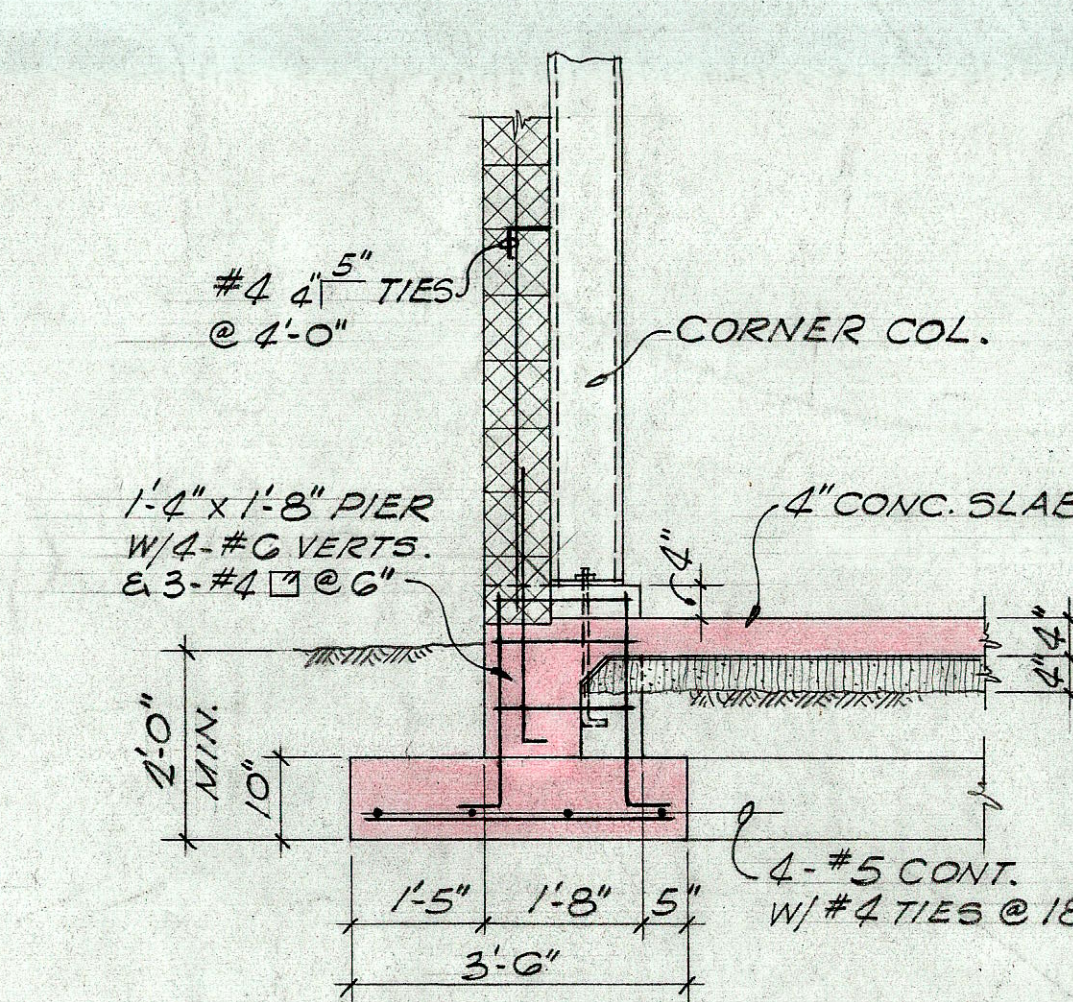
TYP. CORNER PLAN



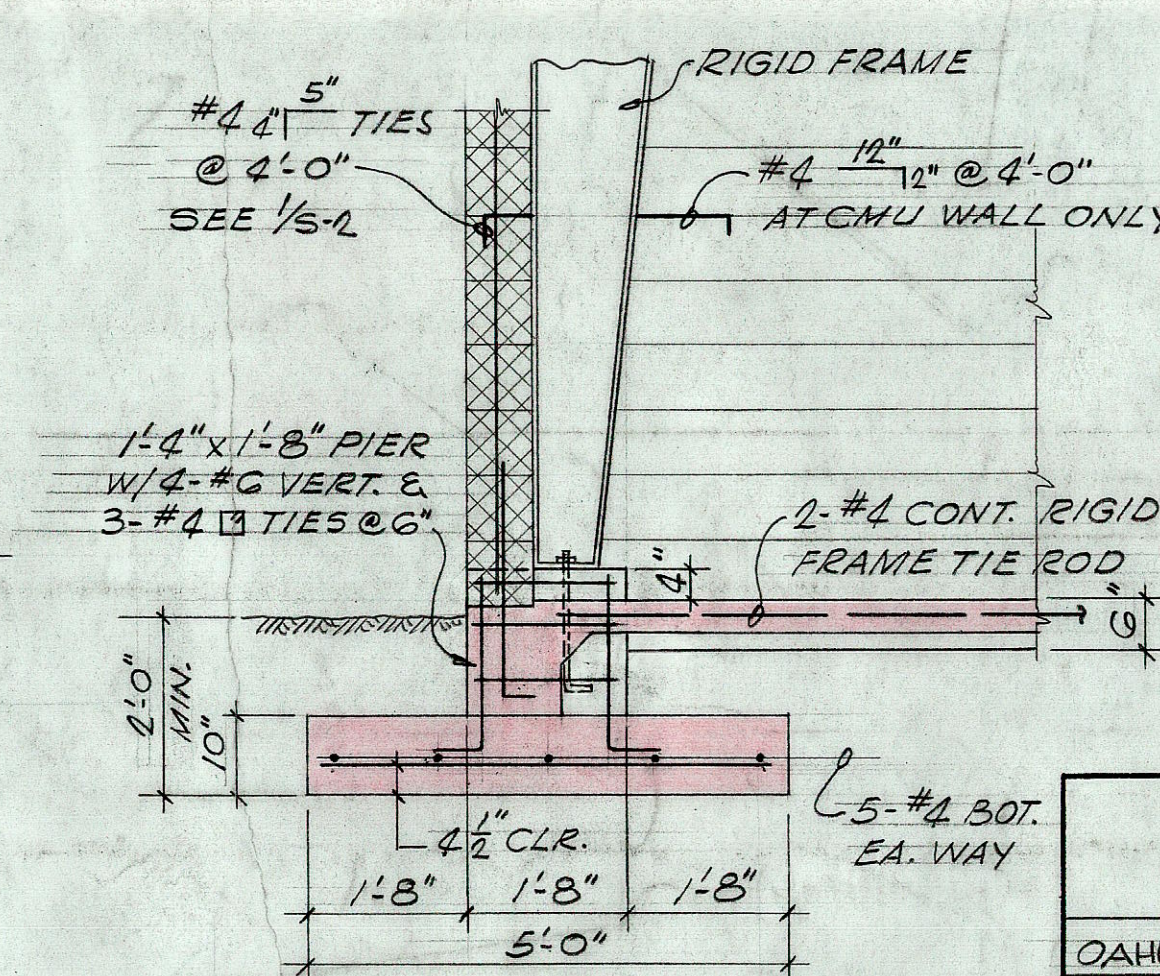
TYPICAL PLAN



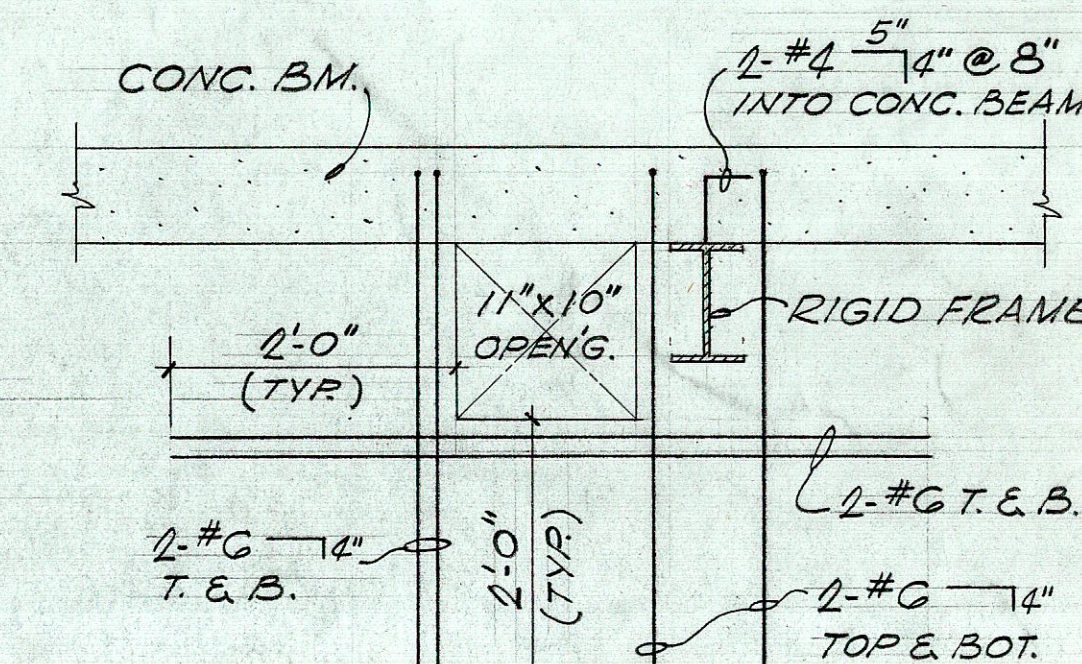
TYP. H.B. WALL HORIZ. REINF. DET.



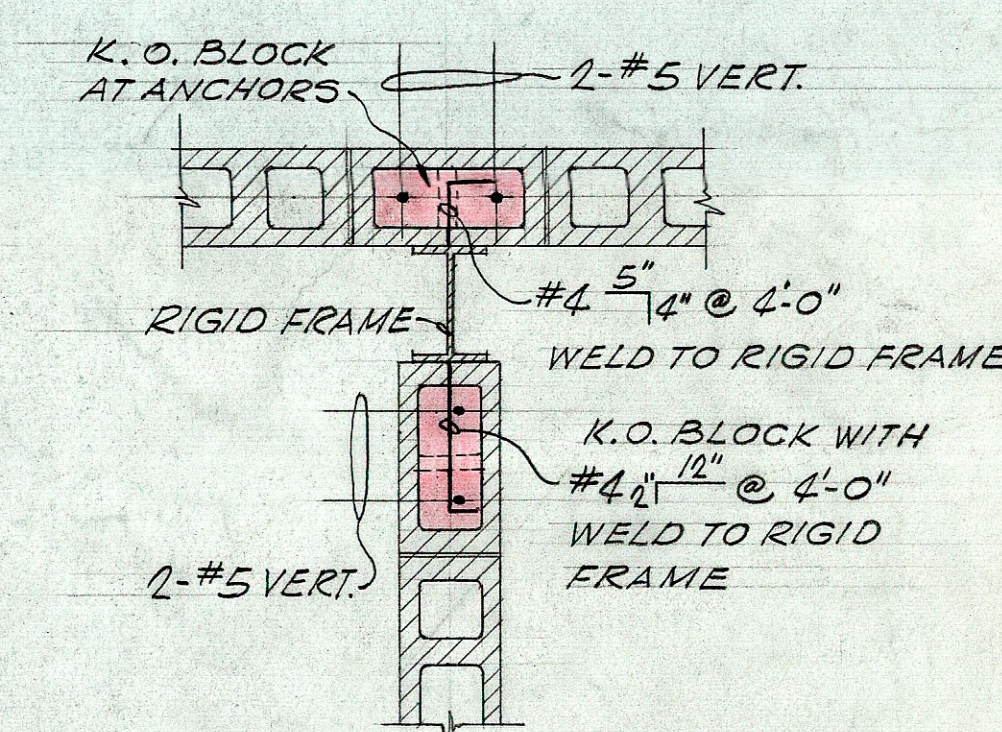
SECT. A



SECT. B



AT MEZZANINE



AT GROUND FLOOR

DETAIL 1
SC. $\frac{3}{4}'' = 1'-0''$



THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION
Harold J. Miyamoto

DATE: OCT. 12, 1971

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
OAHU DISTRICT BASEYARD MAINTENANCE BUILDING
SHARPER FLATS INDUSTRIAL DEVELOPMENT
AT MOANALUA, HONOLULU, OAHU, HAWAII
HERBERT Y. MATSUMURA & ASSOCIATES, INC.
871 KAPOLANI BLVD. HONOLULU, HAWAII

MEZZANINE PLAN AND SECTIONS
SHEET No. 5-2 OF 2 SHEETS

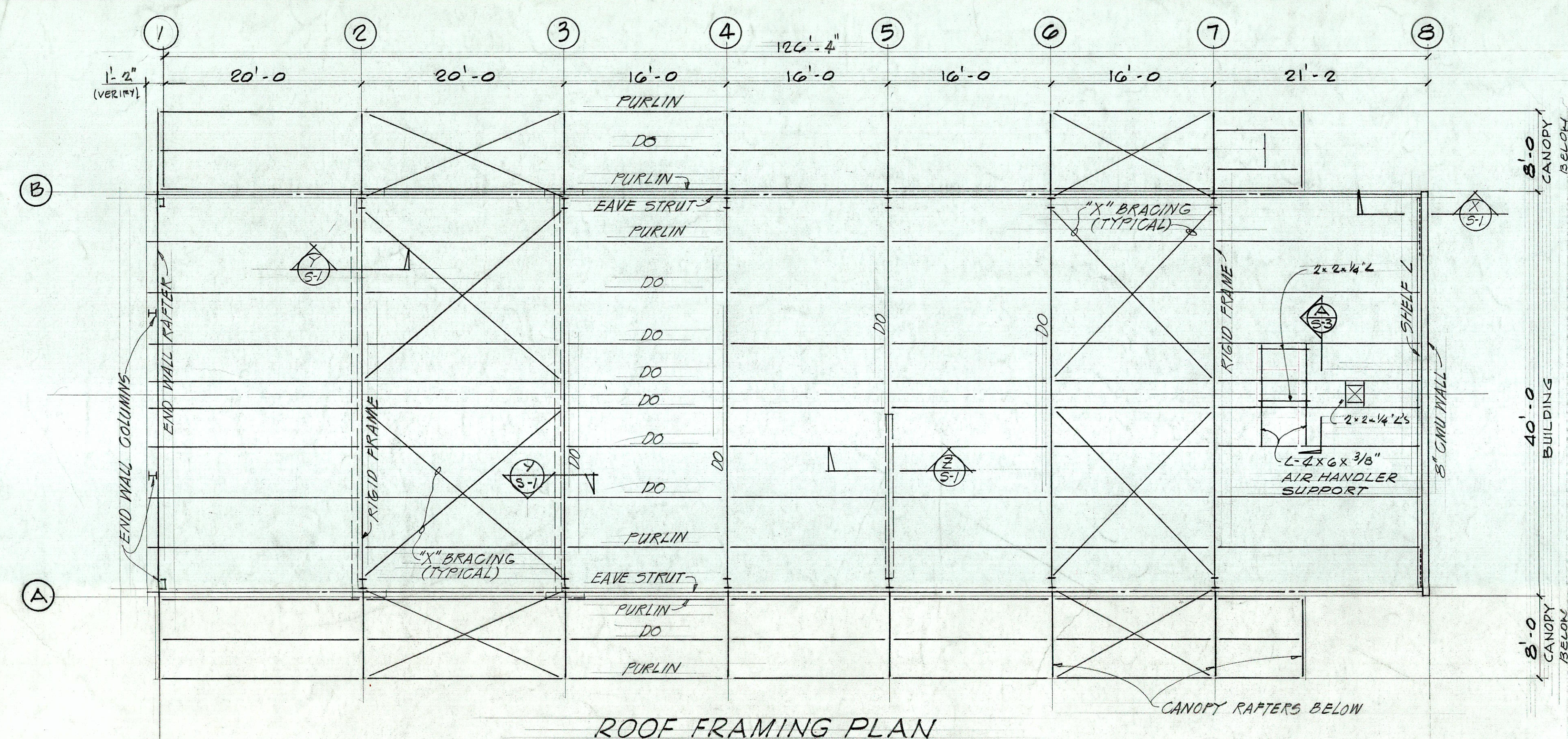
DATE	_____
DESIGNED BY	_____
TRACED BY	_____
NOTED BY	_____
CHECKED BY	_____
ORIGINAL PLAN	_____
NOTE BOOK	_____
No.	_____

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.				

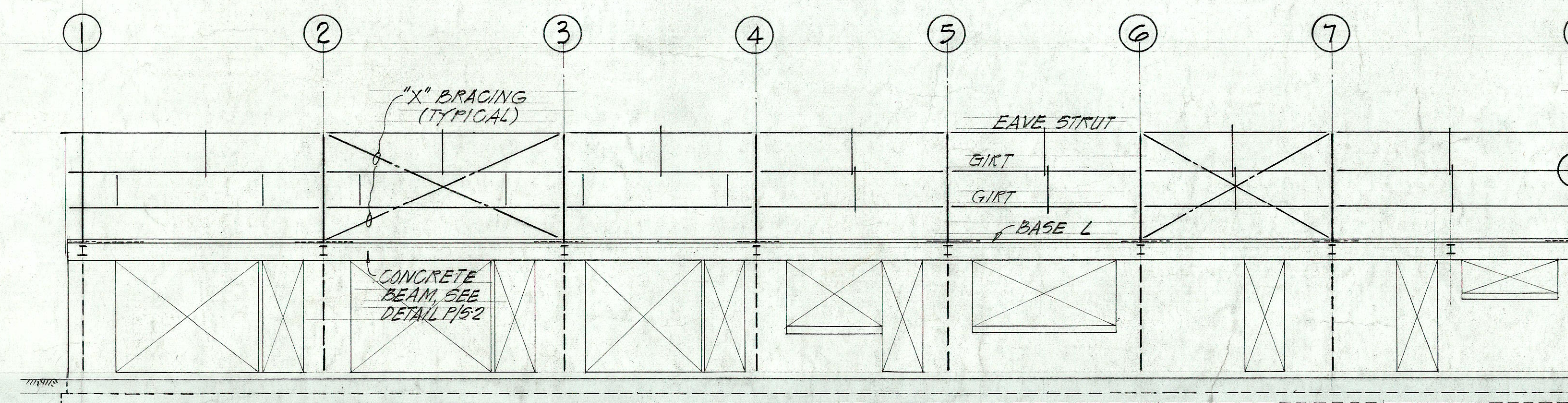
GENERAL NOTES

- I- REINFORCED CONCRETE**
 - MINIMUM CONCRETE STRENGTH - 3000 PSI @ 28 DAYS
- B- REINFORCEMENT**
 - UNLESS SHOWN OTHERWISE, ALL REINFORCING BARS SHALL BE DEFORMED INTERMEDIATE GRADE BARS CONFORMING TO ASTM A15 AND ASTM A306.
 - WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185-GIT.
 - LAPPED SPLICES SHALL BE 30 DIAMETERS BUT NOT LESS THAN 15".
 - ALL OPENINGS IN CONCRETE SLABS SHALL BE FRAMED WITH 2-#6 TOP AND BOTTOM, ALL AROUND, EXTENDING 24" BEYOND THE OPENING.
- II- STRUCTURAL FILL**
 - FILL UNDER GROUND FLOOR SLAB
 - FILL MATERIAL SHALL CONSIST OF QUARRY WASTE OR APPROVED EQUAL.
 - FILL SHALL BE PLACED IN 6 INCH MAXIMUM LOOSE LAYERS AND MECHANICALLY COMPACTED AT OPTIMUM MOISTURE CONTENT TO 90% OF MODIFIED AASHTO T-180.
 - ALL FILL SHALL BE PLACED AND COMPACTED OVER THE BUILDING AREA BEFORE EXCAVATION FOR FOOTINGS.
 - SCAFFOLD AND COMPACT TOP 6 INCHES OF EXIST. GROUND UNDER BUILDING BEFORE FILLING AREA.
- III- CONCRETE MASONRY UNITS**
 - UNLESS SHOWN OTHERWISE ON PLANS, CONCRETE MASONRY UNITS SHALL BE TWO CELL TYPE CONFORMING TO ASTM C90 AND HAVE MINIMUM REINFORCEMENT AS FOLLOWS- 8" BLOCKS, 1-#5 VERTICAL @ 24" O.C. WITH STANDARD CUR-O-WAL OR EQUAL @ 16" O.C.
 - IN ADDITION TO THE REINFORCING SCHEDULE ABOVE, ADDITIONAL VERT. REINFORCING SHALL BE PROVIDED AT ALL INTERSECTIONS, JAMBS, MULLIONS, CORNERS AND DISCONTINUOUS ENDS.
 - UNLESS OTHERWISE SHOWN ALL OPENINGS IN CONCRETE MASONRY UNIT WALLS SHALL BE FRAMED WITH 2-#5 BARS ALL AROUND, EXTENDING 24" BEYOND THE OPENINGS.
 - ALL CELLS CONTAINING REINFORCING BARS SHALL BE FILLED WITH 2500 PSI GROUT IN LIFTS NOT EXCEEDING 8 FEET. ALL CELLS SHALL BE THOROUGHLY RODDED TO PREVENT HONEYCOMBING.
 - LAPPED SPLICES SHALL BE 30 DIAMETERS BUT NOT LESS THAN 12".
- IV- STRUCTURAL STEEL**
 - RIGID FRAME BUILDING WITH CANOPY SHALL MEET THE LATEST REQUIREMENTS OF THE UBC, AISC, AISC, AND AWS.
 - CONTRACTOR SHALL SUBMIT SIX (6) COPIES OF DESIGN CALCULATIONS AND SHOP DRAWINGS OF THE BUILDING STAMPED AND SIGNED BY A REGISTERED STRUCTURAL ENGINEER, FOR APPROVAL BY THE ENGINEER BEFORE FABRICATION OR CONSTRUCTION.
 - ALL STEEL MEMBERS SPECIFICALLY NOTED IN THE PLANS SHALL CONFORM TO ASTM A36.
 - ALL BOLTS SPECIFICALLY NOTED IN THE PLANS SHALL CONFORM TO ASTM A307 AND GALVANIZED.
- V- CONSTRUCTION NOTES**
 - SLABS ON GRADE SHALL BE POURED IN APPROXIMATELY SQUARE AREAS NOT EXCEEDING 500 SQ. FT. WITH A MAXIMUM OF 32 FT. ON ANY ONE SIDE. THE SLABS SHALL BE POURED IN A CHECKER BOARD FASHION WITH PROPER CONSTRUCTION JOINTS.
 - ALL COLUMN AND WALL FOOTINGS SHALL BEAR ON FIRM COMPACTED SOIL SUBJECT TO THE APPROVAL OF THE ENGINEER AS SHOWN ON THE PLANS. ALL SOFT SPOTS OR POCKETS ENCOUNTERED IN FOOTING EXCAVATIONS OR BELOW THE BUILDING AREA SHALL BE DUG OUT AND BACKFILLED AND COMPACTED AS SPECIFIED IN SECTION II ABOVE.
 - SHORING FOR CONCRETE FLOOR SYSTEM SHALL REMAIN IN PLACE FOR 14 DAYS OR UNTIL THE CONCRETE HAS ATTAINED A COMPRESSIVE STRENGTH OF 2500 PSI, WHICHEVER OCCURS LATER.
 - THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF THE STARTING TIME OF EACH CONCRETE POUR AT LEAST 24 HOURS IN ADVANCE.
- VI- LEVELING GROUT SHALL BE NON-SHRINK GROUT, EMBECO OR APPROVED EQUAL.**
- VII- DESIGN LOADS**

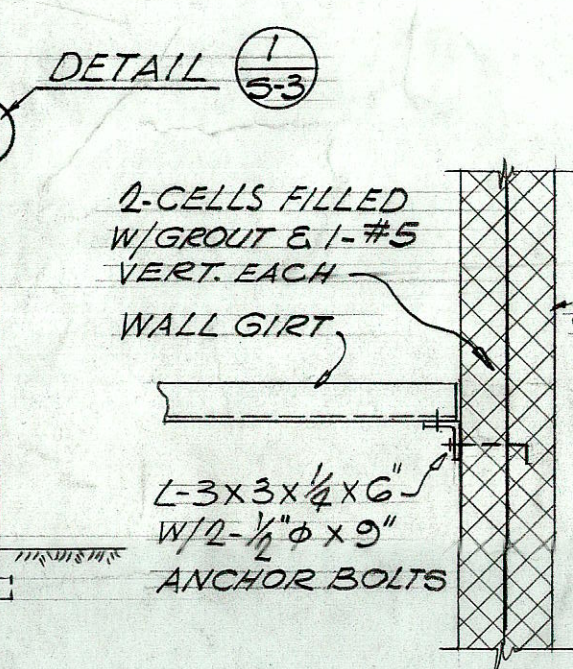
LOAD	LOAD
0-200'	20 PSF
201-600'	10 PSF
6007	12 PSF
CEILING	10 PSF
CONDENSING UNIT ON CANOPY	1000 LBS
B-WIND ZONE	20 PSF
C-EARTHQUAKE	ZONE I
D-FOUNDATION	1500 PSF



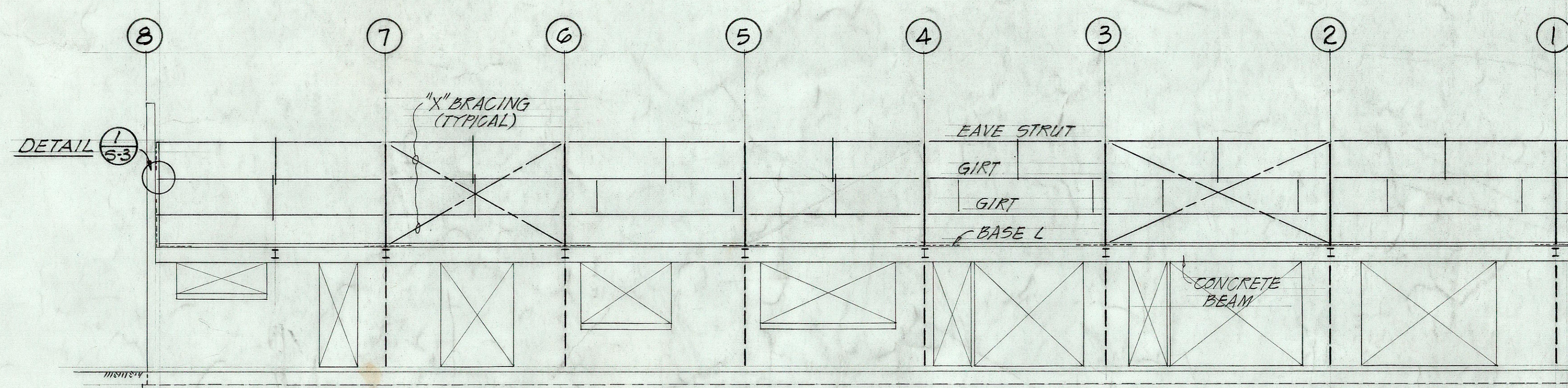
ROOF FRAMING PLAN



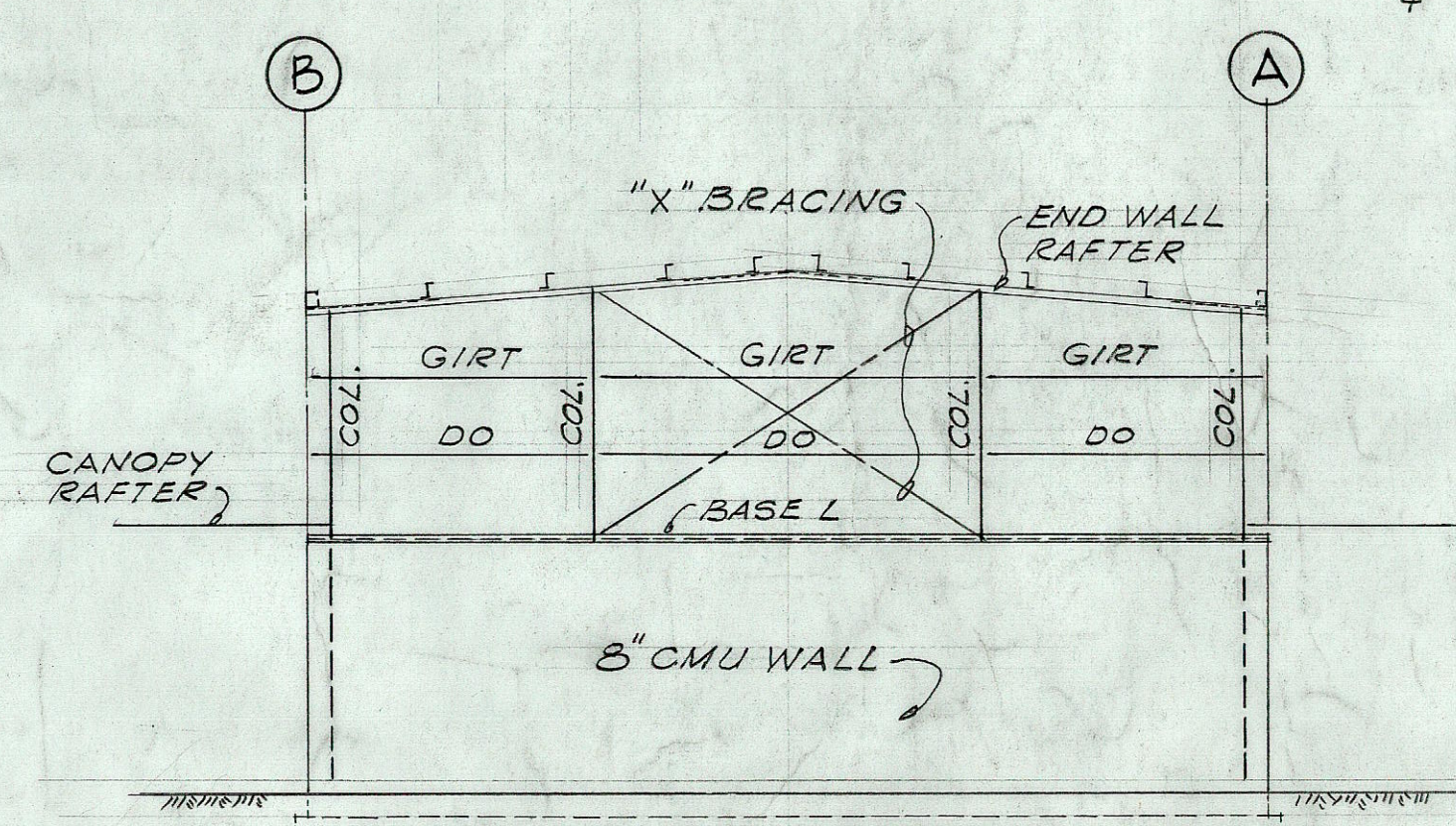
MAUI WALL FRAMING



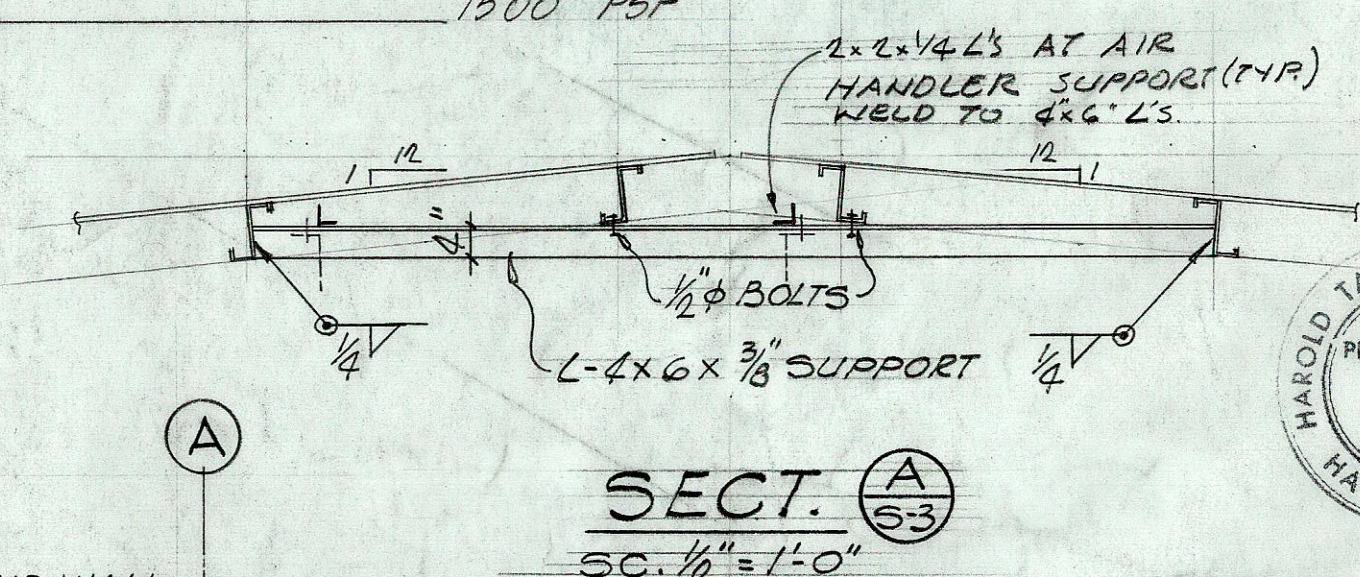
TYP WALL GIRTS
CONN. (1)
3/4" x 1'-0"



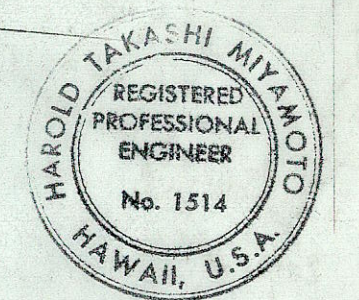
MAKAI WALL FRAMING



WAIKIKI WALL FRAMING



SECT. (A)
8'-0" x 1'-0"



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
Harold Takashi Miyamoto
 DATE: OCT. 12, 1971

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
 OAHU DISTRICT BASEYARD MAINTENANCE BUILDING
 SHAFTER FLATS INDUSTRIAL DEVELOPMENT
 AT MOANALUA, HONOLULU, OAHU, HAWAII
 ROOF PLAN & ELEVATIONS
 HERBERT Y. MATSUMURA & ASSOCIATES, INC.
 871 KAPIOLANI BLVD. HONOLULU, HAWAII
 SHEET No. 6-3 OF 21 SHEETS

DATE	_____
DESIGNED BY	_____
DRAWN BY	_____
CHECKED BY	_____
NOTED BY	_____
NO.	_____