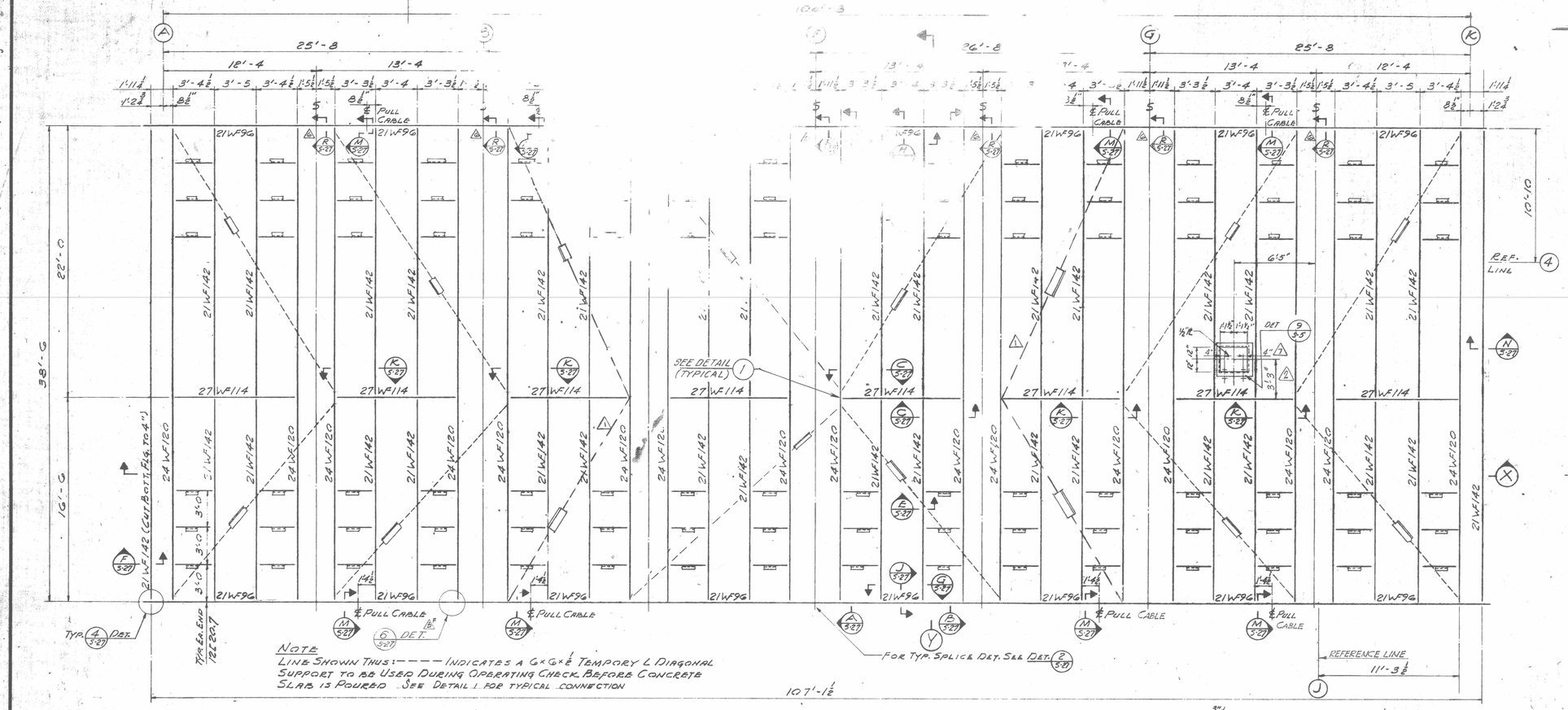
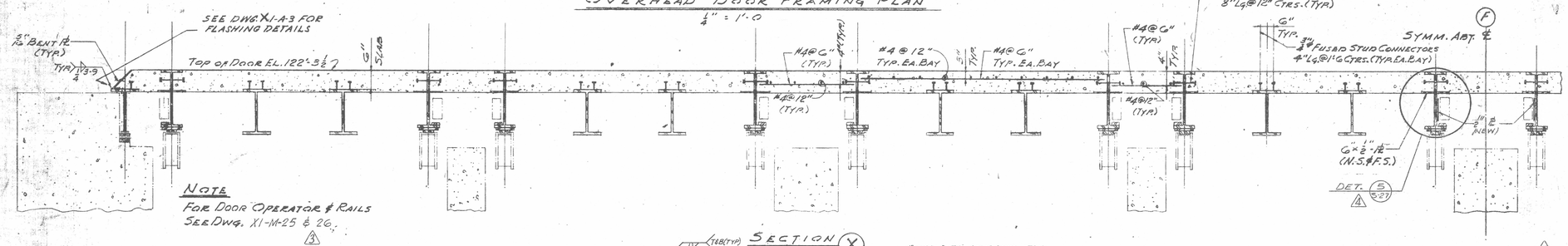
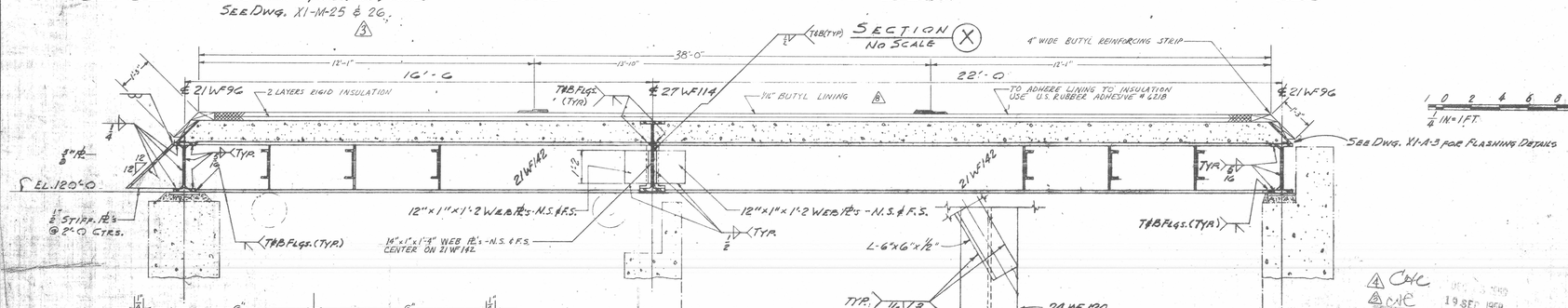


NOTE
LINE SHOWN THUS: - - - - INDICATES A 6"x6"x½" TEMPORY L DIAGONAL SUPPORT TO BE USED DURING OPERATING CHECK BEFORE CONCRETE SLAB IS POURED. SEE DETAIL 1 FOR TYPICAL CONNECTION

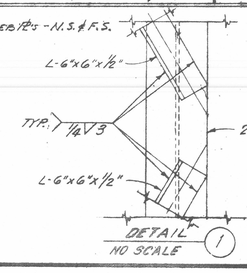
OVERHEAD DOOR FRAMING PLAN
¼" = 1'-0



NOTE
FOR DOOR OPERATOR & RAILS SEE DWG. X1-M-25 & 26.



TYPICAL FIELD SPLICE DETAIL
NO SCALE



1 0 2 4 6 8 10
¼ IN = 1 FT.

△2 DENOTES CHANGES ACCOMPLISHED BY FIELD

FABRICATION & ERECTION NOTES

1. ALL WELDING AND FABRICATION SHALL CONFORM TO A.I.S.C. SPECIFICATIONS AND AS SUPPLEMENTED AND AMPLIFIED BY THE FOLLOWING NOTES.

SHOP FABRICATION

2. THE DOOR SHALL BE SHOP FABRICATED IN 8 UNITS (6 UNITS 13'-4 WIDE & 2 END UNITS 13'-6¾" WIDE) SEE PLAN
3. THE EIGHT DOOR UNITS SHALL BE CAREFULLY FABRICATED SO THAT WHEN FIELD ASSEMBLED THE WHOLE DOOR WILL BE STRAIGHT, TRUE AND SQUARE
4. INDIVIDUAL UNITS SHALL BE TRUE, SQUARE AND LEVEL
   (1) CENTER TO CENTER DIMENSIONS OF END BEAMS SHALL BE EQUAL
   (2) END BEAMS, 21WF96, OF EACH INDIVIDUAL UNIT AND TWO END BEAMS, 21WF142 OF ENTIRE DOOR SHALL BE STRAIGHT AFTER FABRICATION AS FOLLOWS: IN ANY 12 FOOT LENGTH OF BEAM THE BOTTOM FLANGE SHALL NOT DEVIATE MORE THAN ⅛" IN A VERTICAL DIRECTION FROM A PLANE SURFACE
   (3) BEAM FLANGES SHALL BE TRUE & AT RIGHT ANGLE TO WEBS AFTER FABRICATION.
   (4) COMPLETED UNITS WHEN SET UPON A PLANE SURFACE SHALL BEAR UPON THE END BEAMS AND INTERMEDIATE CROSS BEAM WITHOUT WARPAGE.
   (5) THE LATERAL VARIATION OF THE RAIL TRACK & SHALL NOT DEVIATE MORE THAN ⅛ INCH FROM A PIANO WIRE STRETCHED ALONG THE BEAM PARALLEL TO THE ADJACENT RAIL TRACK &

FIELD SPLICES

5. ASSEMBLY SHALL BEGIN AT THE MIDDLE OF THE DOOR (LINE F) AND NECESSARY LENGTH ADJUSTMENTS MADE IN EACH UNIT SO THAT ANY SHRINKAGE CAUSED DURING SPLICING WILL NOT CAUSE DISCREPANCY IN FINISHED DIMENSIONS OF RAIL TRACK & IS AS WELL AS TRACK PARALLELISM.
6. SPLICES SHALL BE ACCOMPLISHED IN THE FOLLOWING MANNER TO AVOID WARPAGE OF THE FINISHED ASSEMBLY
   (1) PLACE THE TWO DOOR UNITS TO BE JOINED IN POSITION ON THE BEARING PLATE AND ALIGN THEM
   (2) WELD THE WEB SPLICES
   (3) FLANGE SPLICES SHALL BE WELDED USING TWO WELDERS WORKING IN THE FOLLOWING SEQUENCE
      a. BOTH WELDERS WORKING SIMULTANEOUSLY STARTING AT THE WEB SHALL MAKE ONE PASS ON THE BOTTOM FLANGE WORKING TOWARDS THE OUTER EDGE
      b. IN A SIMILAR MANNER MAKE ONE PASS TO THE TOP FLANGE
      c. COMPLETE PASSES IN A SIMILAR MANNER ALTERNATING BOTTOM FLANGE AND THEN TOP

DOOR SEAL

7. AFTER ASSEMBLY THE DOOR IS TO BE JACKED UP HIGH ENOUGH TO INSTALL THE SEAL GASKET IN ACCORDANCE WITH DRAWINGS AND SPECIFICATIONS

CONCRETE COVER

8. THE CONCRETE COVER SHALL BE POURED IN PLACE AFTER ASSEMBLY & OPERATING CHECK IS COMPLETE, i.e., DOOR SEALS & MECHANICAL EQUIPMENT INSTALLED & OPERATIONAL ADJUSTMENTS MADE.

SEALING CONCRETE
(FOR CONTINUATION SEE DWG. X1-S-27)

REVISION	DATE	DESCRIPTION	AGENCY	INIT.
△2	13 APR 64	OPERATIONAL AS-BUILT	FAFB	WAL
△1	12-11-61	OPER. AS BUILT DWG. INC. ECP 6056	BECHTEL	EDM
△7	5-12-61	ADDED SECTION "R" & PLAN - CONST. AS BUILT DWG.	K.C.D.	[illegible]
△6	6-24-60	ADDED MOD. TO O.H. DOOR PER C.O.-FOR-117, ADDED NOTE	BECHTEL	L.R.
△5	10-4-59	REVISED SECTION "X"	BECHTEL	EDM
△4	3 SEPT. 59	CHANGED REF. DWG. NO. @ SEC. X.	BECHTEL	EDE
△3	17 JUN. 59	ADDED DIM. FOR OPENING IN DOOR PER ADDENDUM NO. 1	BECHTEL	EDE
△2	6-8-59	RELOCATED TEMPERORY BRACING	C&E & BECHTEL	[illegible]

BECHTEL CORPORATION
ENGINEERS AND CONSTRUCTORS
SAN FRANCISCO — LOS ANGELES — NEW YORK

DEPARTMENT OF THE AIR FORCE
AIR FORCE BALLISTIC MISSILE DIVISION (ARDC)
INGLEWOOD, CALIFORNIA

		DATE
DESIGNED BY	KARAGOZIAN	1-30-59
DRAWN BY	MALDONADO	1-30-59
CHECKED BY	BERRIAN / MCF	1-30-59
O. K.	CRUSTAFION	5-21-59
O. K.	G. Gideon	5-21-59
APPROVED	BECHTEL CORP.	5-21-59

WS-107 A-1 OPERATIONAL BASE
FORBES A.F.B. KANSAS
COMPLEX D, E, F, G, H & I
LAUNCH & SERVICE BUILDING
OVERHEAD DOOR - SHEET 1

APPROVED: DATE: AFBMD

SPECIFICATION No. ENG 23-028-59-
DATE 21 MAY 1959 SCALE AS NOTED
DRAWING NUMBER 3115-3 SHEET
XI-S-26

BMD INDEX No. 5D181

△1 C&E
△2 C&E 19 SEP 1964

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