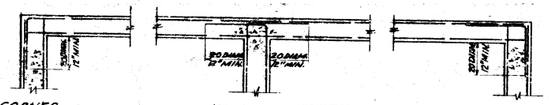
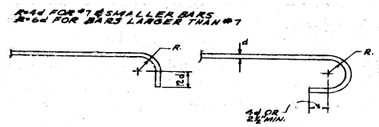
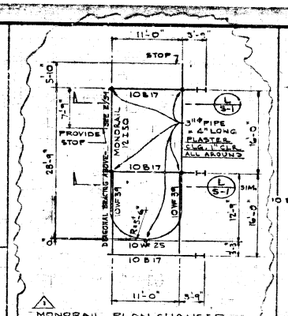


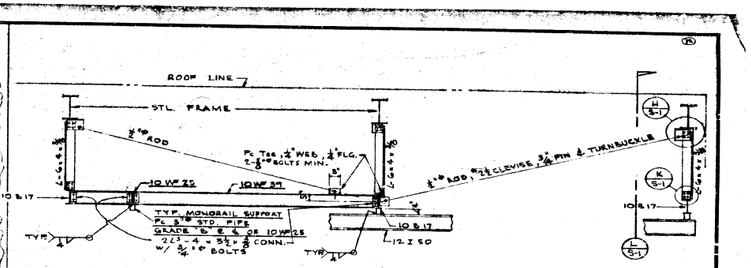
A S-1 CONCRETE WALL REINF. @ CORNERS & INTERSECTIONS



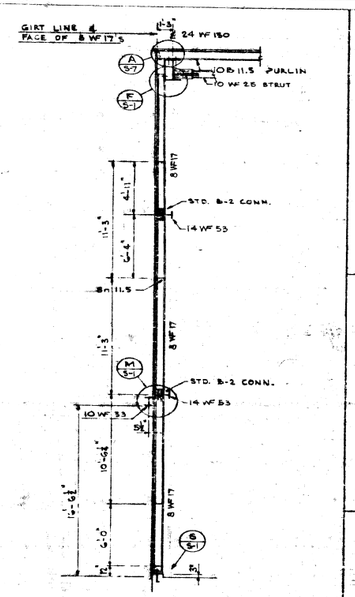
B S-1 TYPICAL REINF. BAR BENDS



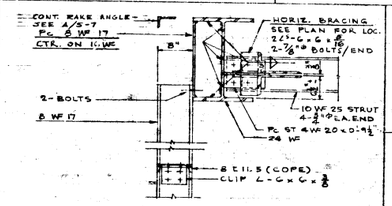
D S-1 MONORAIL PLAN 1/8" = 1'-0"



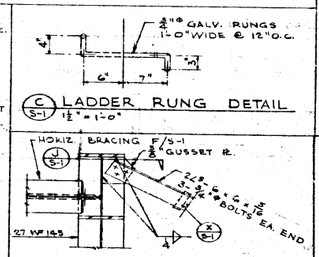
E S-1 FRAMING FOR MONORAIL 1/8" = 1'-0"



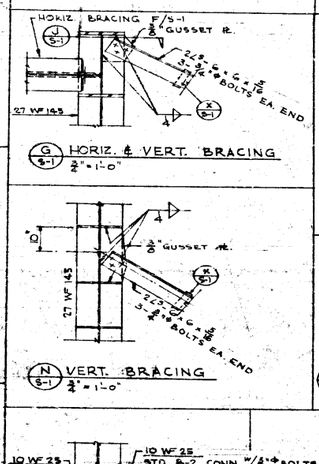
F S-1 END WALL SECT.—VAULT BLDG. 1/4" = 1'-0"



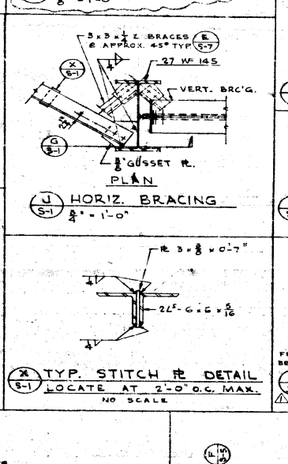
F S-1 COL. CONN. DETAIL 1" = 1'-0"



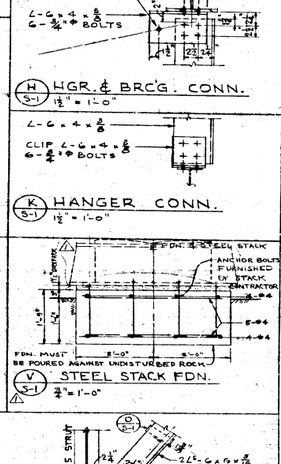
C S-1 LADDER RUNG DETAIL 1 1/2" = 1'-0"



G S-1 HORIZ. & VERT. BRACING 1/4" = 1'-0"

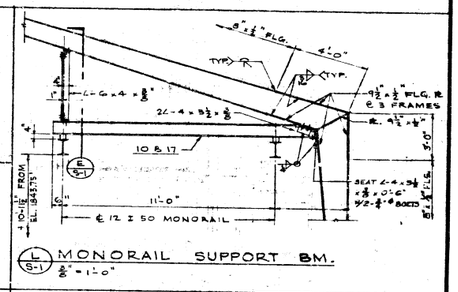


J S-1 HORIZ. BRACING 1/4" = 1'-0"



H S-1 HGR. & BRC'G. CONN. 1 1/2" = 1'-0"

K S-1 HANGER CONN. 1 1/2" = 1'-0"



L S-1 MONORAIL SUPPORT BM. 1/2" = 1'-0"

M S-1 SLIDING DOOR BEAM 1" = 1'-0"

N S-1 VERT. BRACING 1/4" = 1'-0"

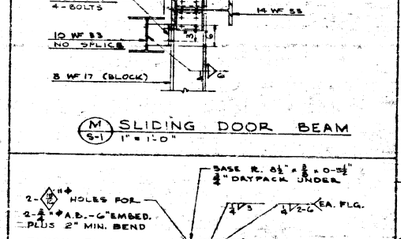
X S-1 TYP. STITCH PL DETAIL LOCATE AT 2'-0" O.C. MAX. NO SCALE

V S-1 STEEL STACK FDN. 3/8" = 1'-0"

GENERAL NOTES

1. CONTRACTOR SHALL VERIFY ALL DIMENSIONS BEFORE STARTING WORK.
2. ALL CONCRETE SHALL BE 6500 PSI EXCEPT THE FOLLOWING WHICH SHALL BE 3000 PSI:
   a. ALL HEAVY CONCRETE.
   b. STORAGE VAULT BOTTOM SLABS & WALLS
   c. STORAGE VAULT BUILDING COLUMN FDNS & FLOOR SLAB.
   d. ALL PITS AND TUNNELS CONNECTING TO THE STORAGE VAULTS.
3. MAIN REINFORCING SHALL HAVE COVERAGE AS FOLLOWS:
   a. CONCRETE POURED AGAINST SOIL — 3".
   b. CONCRETE POURED AGAINST FORMS BELOW FINISH GRADE — 2".
   c. SLABS ON SOIL — 2" EXCEPT AS DETAILED.
4. ALL REINFORCING SHALL LAP AT LEAST 30 DIAMETERS EXCEPT AS DETAILED OTHERWISE.
5. ALL BOLTS, ANCHOR BOLTS AND OTHER INSERTS SHALL BE WELL SECURED IN POSITION BEFORE POURING CONCRETE.
6. NO PIPES, CONDUITS OR DUCTS, SHALL BE PLACED IN CONCRETE WALLS, COLUMNS OR BEAMS UNLESS SPECIFICALLY DETAILED OR AUTHORIZED.
7. REFER TO MECHANICAL OR ELECTRICAL DRAWINGS FOR PIPES OR CONDUITS PASSING THRU OR EMBEDDED IN CONCRETE (SEE ALSO NOTE NO. 6).
8. PROVIDE STD. AISC "D" SERIES CONNS. WITH 3/4"ø BOLTS UNLESS OTHERWISE NOTED.
9. MINIMUM BOLT SIZE SHALL BE 5/8"ø UNLESS OTHERWISE NOTED.

R S-1 SUPPORT FOR DOOR BEAM 1" = 1'-0"

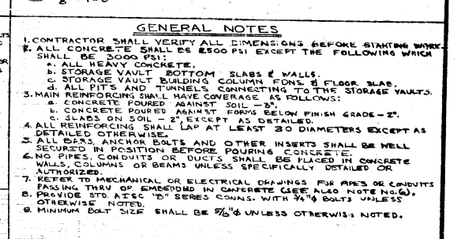


S S-1 BASE PL. DETAIL

T S-1 LOWER STRUT 1/2" = 1'-0"

U S-1 VERT. BRC'G. AT BASE 1/2" = 1'-0"

W S-1 INTERMEDIATE TOP STRUT & HORIZ. BRC'G. 1" = 1'-0"



Y S-1 TYP. SLAB THICK. DETAIL NO SCALE

APPROVED: U.S. ATOMIC ENERGY COMMISSION
J. L. Spencer 4-25-58
DEC. O.

William J. Lucas Jr. 4-24-58

DANIEL, MANN, JOHNSON, & MENDENHALL
ARCHITECTS & ENGINEERS
3325 WILSHIRE BOULEVARD – LOS ANGELES 5, CALIFORNIA – TELEPHONE DUNKIRK 1-3663

U.S. ATOMIC ENERGY COMMISSION
CHICAGO OPERATIONS OFFICE

R/A WASTE AND FUEL STORAGE
SANTA SUSANA, CALIFORNIA

TYPICAL DETAILS & MISCELLANEOUS STEEL DETAILS

DRAWN BY	HARDER, R.
TRACED BY	J. CASSIDY
APPROVED BY	
JOB NO.	204-1-1
SHEET NO.	S-1
DATE	SEPT. 25, 1958
DRAWING NO.	303-022-S1

1 7/8/59 "AS BUILT" GAUN EP

HALF SIZE PRINT