104'-8

25'-8 | 26'-8 | 26'-8 | 25'-8

A 7'-0" | 12'-4 | 13'-4 | B | 13'-4 | 13'-4 | F | 13'-4 | 13'-4 | G | 13'-4 | 13'-4 | J 4" | 12'-0 | K 13'-3"

FOR OVERHEAD DOOR ANCH DETS SEE DWG S-12

DETAIL (2/S-23)

12"xG" BLOCKOUT SEE DET. (2/S-17)

#4@8

#5@8

#4@16

TYP EXT SPAN

#7@12 E.F.

#6@12"

#9@12"

BLOCKOUT SEE SECT. (C/S-13)

SECTION F (S-9)

#4@8 T&B

#4@16

TYPICAL INTERIOR SPAN

2-#6 x 14'-2"

2-#6 x 12'-4"

DETAIL (6/S-9) FRAME

10'-6" (CONC. OPNG)

11'-0" (CONC. OPNG)

3"ø STD DWL E.F.

6"x6"x18'-0"#6 EXTRA

FOR BM REINF SEE DWG S-9

#9@12

#6@12 T&B

FIN FLR EL 100'-0"

DETAIL (3/S-24)

#9 DOWELS@6"

#9 DOWELS@12"

#7 DOWELS @12

#8@12

#10@6

7'-0"

DET (29/S-6)

3'-2"

18'-9"

12'-0"

2" ø SLEEVE

18'-1½"

6"

BLOCKOUT THRU WALL FOR UMBILICAL BOX

2-18" ø SLEEVES

1'-5"

2'-9"

3'-3"

5'-5"

4'-0"

3'-8"

10'-0"

2'-0"

36" ø BLOCKOUT

#9@12

#6@12

#7@10 HORIZ. E.F.

#9@12 VERT. E.F.

3" ø STD PIPE SLEEVES DETAIL (1/S-17)

DET. (1/S-16)

4'-0"

2'-0"

2'-4"

2'-11"

3"ø

VARIES

#7@10 DWLS

#6@12

#6@12

4'-0"

5'-0"

9'-10"

14'-0"

15'-0"

21'-8"

23'-2"

11'-0"

5'-0"

3'-6"

5'-6"

SECTION (G/S-16) S-1, S-3, S-8

2'-6" | 6 | 13'-7" | 4 | 13'-7" | 2 | 2'-6"

#4STR@12 | #4STR @ 12 | #4STR@12

REMOVABLE CONC. COVER

#5@12

3-#8 | 2-#8

4"ø

4#9

#4STR

#7

#8@6"EF

#10@12 T

#8@12B

#5@12 T&B

#6@12 EF

#9 DOWELS@6"

#7@12 T&B (HOOK ENDS)

#11@12 T&B ALT 4BENT BAR

#11@12

5'-8" (TYP)

#9@12

#9@12 (HOOK ENDS)

#10@12

#10@6 (BENT)

#11 DOWELS @12

#9@12

32'-2"

EL 100'-0"

4'-8½" | 1'-8½" | 1'-3½" | 8'-4½"

11'-11½"

11'-4"

3'-9"

3'-6"

11'-0"

5'-10" MIN. VARIES

12"

SECTION (J/S-16) S-1, S-2 & S-7

1/4"=1'-0"

3'-11½" | 13'-11½" | 5'-0½"

5" | 6" | 8" | FILL @ 8 | 6" | 5"

#4 | #4

EL 112'-4"

2'-10"

2"#11

#4STR (TYP)

5"#11

SECTION (K/S-16) S-1, S-2 & S-7

1/4"=1'-0"

3'-11½" | 13'-11½" | 5'-0½"

#11@5 EF | #5@12 EF | #11@5 EF

EL 112'-4"

#7@6 I.F.

#7@12 O.F.

#11@5 E.F.

3"ø EXTRA

8'-0"

CONC. OPENING

#11 DOWELS@6"

#9@6"

#11@10

#11@5 EF

#6@12 EF

11'-4"

EL 100'-0"

2'-0"

7'-0"

4'-7"

3'-0"

3'-9"

#9@10 (BENT)

#6@12 T&B

2'-0" | 7'-6" | 7'-6" | 2'-0"

SECTION (R/S-16) S-1, S-2 & S-7

1/4"=1'-0"

K

1'-2" | 6" | 8"

DET. (1/S-12)

#4

EL. 121'-8"

22"

2'-0"

3'-8"

CONSTRUCTION JOINT

EL. 119'-8"

2"

#6@12"

8"

4"

2'-6"

WALL STL.

DETAIL (1/S-16)

SCALE 1"=1'-0"

35'-9"

DRAINAGE SEE DWG. X1-S-2

FOR DETAILS

1 0 2 4 6 8 10

1/4 IN=1FT.

DENOTES CHANGE ACCOMPLISHED BY FIELD.

REVISION	DATE	DESCRIPTION	AGENCY	INIT.
E	12-11-61	OPERATIONAL AS BUILT DRAWING	A.F.B.D.	JWB
D	5-12-61	CONSTRUCTION AS BUILT DRAWING	A.F.B.D.	JWB
C	5-29-60	ADDED PIPE SLEEVES PER C.O.-FOR-01 REV. NOTE IN SECT. G PER C.O.-FOR-01	BECHTEL	T.F.
B	5-21-59	ADDED UMBILICAL BOX BLOCKOUT	BECHTEL	D.S.
A	7-22-59	REVISED OPENING FOR LOX TANK BLOCKOUT SIZE & LOCATION	BECHTEL	R.W.

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	J BENBERG	1-30-59
DRAWN BY	M. E. KAY	1-30-59
CHECKED BY	BERRIEN	1-30-59
O.K.	GUNTAVSON	5-21-59
O.K.	L. Gideon	5-21-59
APPROVED	BECHTEL CORP.	5-21-59

WS-107 A-I OPERATIONAL BASE

FORBES A.F.B. KANSAS

COMPLEX D,E,F,G,H & I

LAUNCH & SERVICE BUILDING

LONGITUDINAL & MISC CROSS SECTIONS

BMD INDEX No 501.61

APPROVED FOR AFBMD — DATE

SPECIFICATION No. OC-59-72

DATE 21 MAY 1959 | SCALE 1/4"=1'-0"

DRAWING NUMBER 3115-3 XI-S-16 | SHEET

FOR OFFICIAL USE ONLY

Corps of Engineers U.S. Army Ballistic Missile Agency REV. 21 MAY 1959

CHARLES H. HARDIN, JR. Lt. Col., Corps of Engineers Assistant District Engineer (AMSPO)