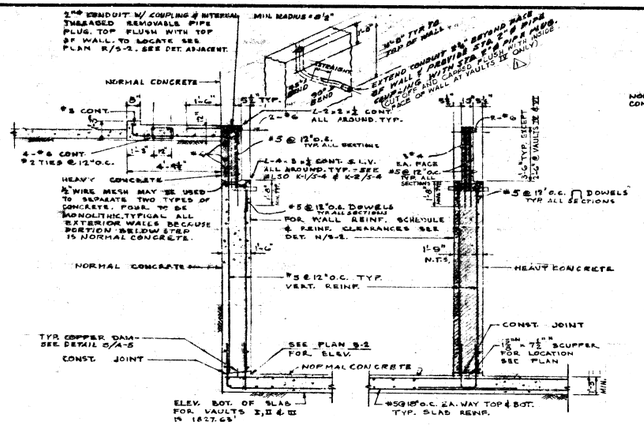
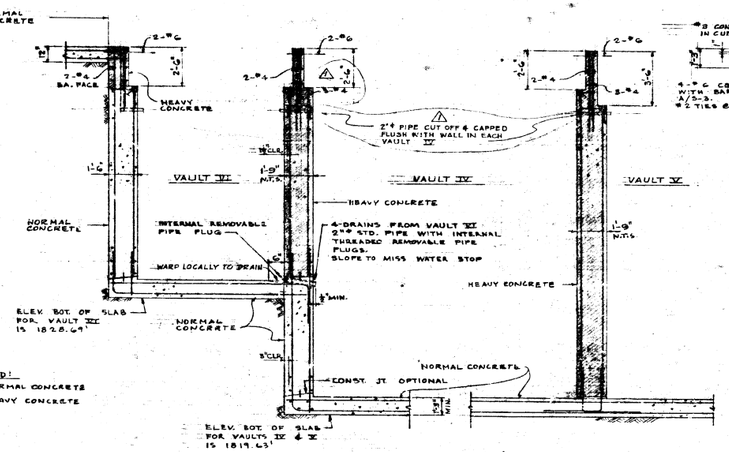
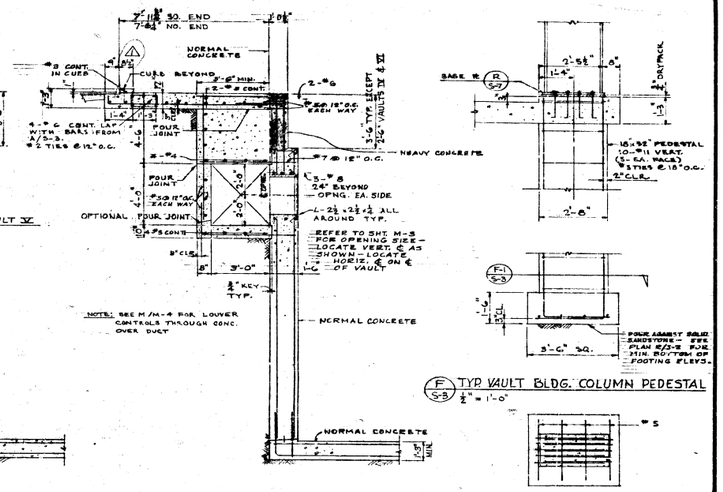






F TYP VAULT BLDG. COLUMN PEDESTAL
½" = 1'-0"

NOTE: SEE C/S-5 FOR SPECIAL CONDITION BETWEEN VAULTS III & IV AND D/S-5 FOR SPECIAL CONDITION BETWEEN VAULTS IV & V

LEGEND: NORMAL CONCRETE; HEAVY CONCRETE

A S-3 TYP SECTION-EAST & WEST OUTSIDE VAULT WALLS
⅜" = 1'-0"

B S-3 TYP SECTION-NORTH-SOUTH INTERIOR VAULT WALLS
⅜" = 1'-0"

C S-3 SECTION-NORTH-SOUTH WALLS AT VAULT III
½" = 1'-0"

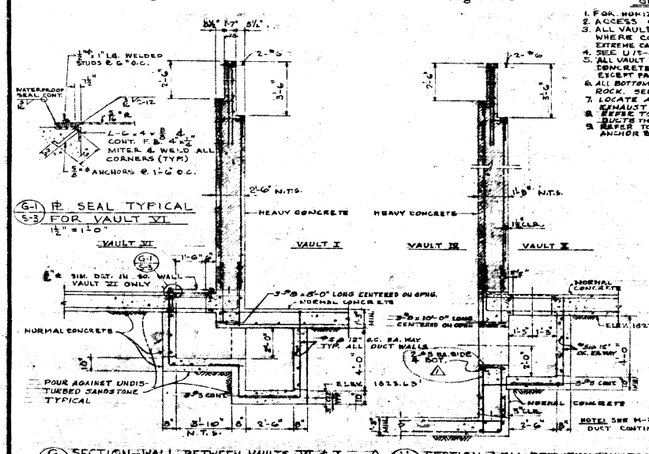
D S-3 WALL SECT. BETWEEN VAULTS IV & V
½" = 1'-0"

E S-3 SECTION-NORTH & SOUTH OUTSIDE VAULT
⅜" = 1'-0"

F1 S-3 VAULT BLDG. COL. FTG.
½" = 1'-0"

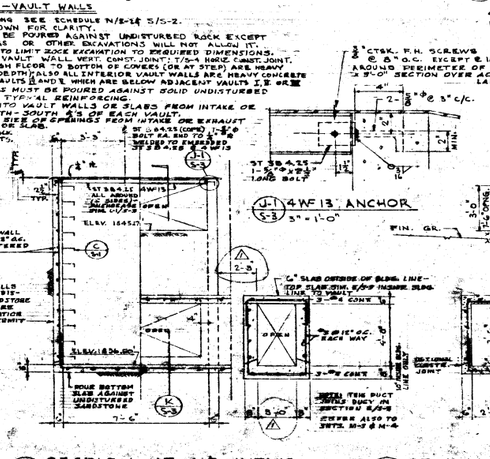
GENERAL NOTES - VAULT WALLS

1. FOR HORIZONTAL REINFORCING SEE SCHEDULE N/S-2 & S/S-2.
2. AGGREGATE COVERS NOT SHOWN FOR CLARITY.
3. ALL VAULT WALLS MUST BE POURED AGAINST UNDISTURBED ROCK EXCEPT WHERE COLUMN FOOTINGS OR OTHER EXCAVATIONS WILL NOT ALLOW IT. EXTREME CARE MUST BE TAKEN TO LIMIT ROCK EXCAVATION TO REQUIRED DIMENSIONS.
4. SEE U/S-4 FOR TYPICAL VAULT WALL VERT. CONST. JOINT; T/S-4 HORIZ. CONST. JOINT.
5. ALL VAULT WALLS FROM FINISH FLOOR TO BOTTOM OF COVERS (OR AT STEP) ARE HEAVY CONCRETE (3'-6" OR 5'-0" IN DEPTH) ALSO ALL INTERIOR VAULT WALLS ARE HEAVY CONCRETE EXCEPT PARTS OF WALLS OF VAULTS II AND V WHICH ARE BELOW ADJACENT VAULTS I, II OR III.
6. ALL BOTTOM SLABS OF VAULTS MUST BE POURED AGAINST SOLID UNDISTURBED ROCK. SEE S/S-3 FOR TYP. #11 REINFORCING.
7. LOCATE ALL OPENINGS INTO VAULT WALLS OR SLABS FROM INTAKE OR EXHAUST DUCTS ON NORTH-SOUTH ℄'S OF EACH VAULT. REFER TO SHT. M-3 FOR SIZE OF OPENINGS FROM INTAKE OR EXHAUST DUCTS THRU VAULT WALLS OR SLABS.
8. REFER TO SHT. S-8 FOR RAIL ANCHOR BOLTS AND INSERTS.



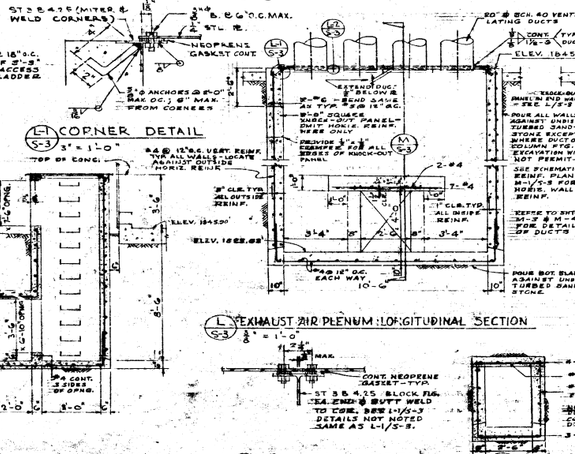
G-1 S-3 ℞ SEAL TYPICAL FOR VAULT VI
½" = 1'-0"

G S-3 SECTION-WALL BETWEEN VAULTS VI & I
⅜" = 1'-0"



J-1 S-3 4 WF 13 ANCHOR
3" = 1'-0"

J S-3 SECTION AT AIR INTAKE
⅜" = 1'-0"



H S-3 SECTION-WALL BETWEEN VAULTS IV & II
⅜" = 1'-0"

L S-3 EXHAUST AIR PLENUM: LONGITUDINAL SECTION
½" = 1'-0"

M S-3 EXHAUST AIR PLENUM TRANSVERSE SECTION
½" = 1'-0"

M-2 S-3 DUCT SECTION
½" = 1'-0"

NO.	DATE	DESCRIPTION	ORIGIN	DETAIL
1	7/1/59	AS BUILT	CHLIN	R.P.

APPROVED: U.S. ATOMIC ENERGY COMMISSION
J. A. Lane 8-25-58
Area Engr.

William J. Lennon Jr. Mgr.

DANIEL, MANN, JOHNSON, & MENDENHALL
ARCHITECTS & ENGINEERS
3325 WILSHIRE BOULEVARD - LOS ANGELES 5, CALIFORNIA - TELEPHONE DUNKIRK 1-3662

U.S. ATOMIC ENERGY COMMISSION
CHICAGO OPERATIONS OFFICE

R/A WASTE AND FUEL STORAGE
SANTA SUSANA, CALIFORNIA

VAULT & MISCELLANEOUS CONCRETE DETAILS

DRAWN BY	L. MILLS
JOB NO.	204-1-1
CHECKED BY	J. CASSIDY
SHEET NO.	S-3
APPROVED BY	
DATE	SEPT. 29, 1958

303-022-53

HALF SIZE PRINT