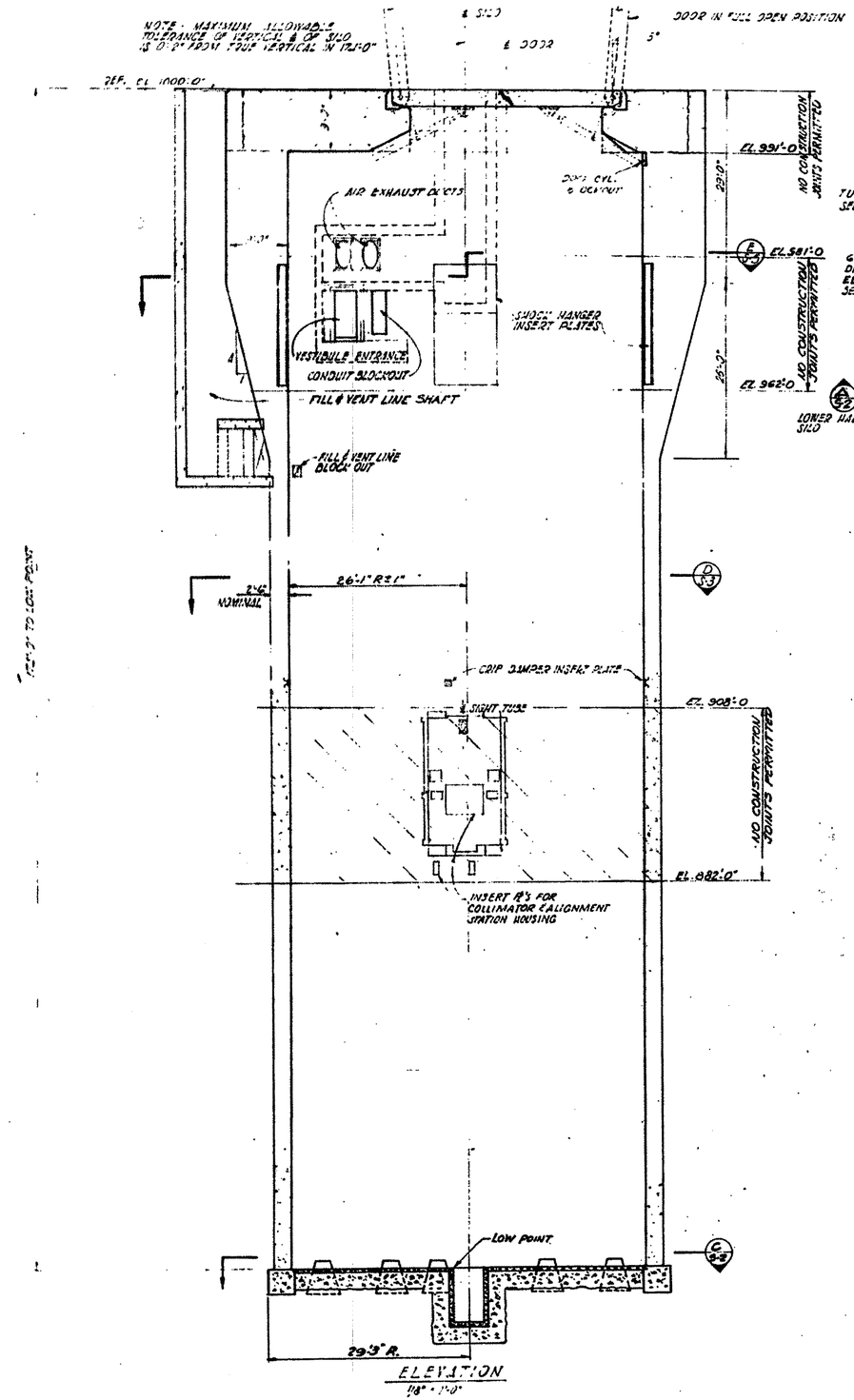

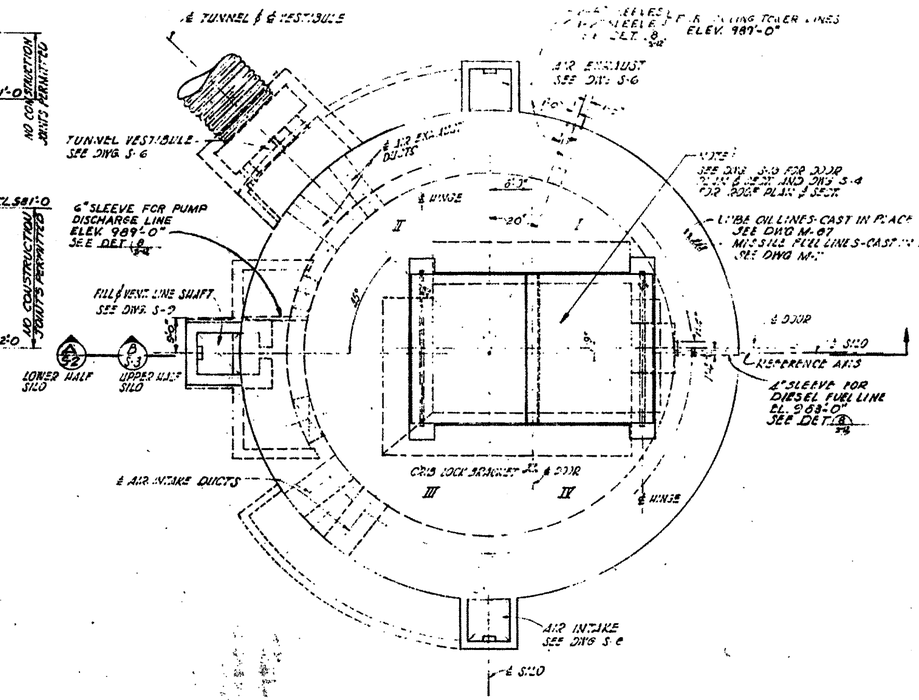

GENERAL NOTES

CONSTRUCTION JOINTS

1. JOINTS SHALL BE LOCATED AS SHOWN ON DRAWINGS. SURFACES OF CONCRETE AT CONSTRUCTION JOINTS SHALL BE WET SANDBLASTED OR EFFECTIVELY CLEANED BY OTHER MEANS ACCEPTABLE TO CONTRACTING OFFICER SO AS TO LEAVE A CLEAN SURFACE OF SOUND CONCRETE EXPOSED TO BRACE FLOWING DIESEL FUEL POURS OF CONCRETE IMMEDIATELY PRIOR TO PLACING THE NEXT POUR OF CONCRETE. THE CLEANED AND WASHED SURFACE SHALL BE COATED WITH CEMENT MORTAR. REFER TO SPECS FOR ADDITIONAL DETAILS. ADDITIONAL CONSTRUCTION JOINTS ARE PERMISSIBLE EXCEPT IN AREAS NOTED ON THE DRAWINGS. THE LOCATION OF ADDITIONAL CONSTRUCTION JOINTS SHALL BE APPROVED BY THE CONTRACTING OFFICER.

REINFORCING STEEL-BUTT WELDED JOINTS

2. REINFORCING STEEL TO BE JOINED IN THE FIELD BY EITHER THE THERMIT WELDING PROCESS OR SHIELDED ARC WELDING METHOD.
3. THE SELECTION OF WELDING ELECTRODE WILL BE LIMITED TO THE LOW HYDROGEN TYPE.
4. SPECIAL CARE WILL BE TAKEN TO PREVENT OVER EXPOSURE OF ELECTRODES TO MOISTURE AT ANY TIME.
5. FIELD APPLICATION DURING HIGH RELATIVE HUMIDITY (40% MAXIMUM CA TO MANUFACTURERS RECOMMENDATION) SHALL BE MINIMIZED TO 8 HOURS.
6. HERMETICALLY SEALED BOXES OR PACKAGES WILL BE USED IN THIS FIELD FOR ELECTRODES. OPENED BOXES WILL BE RETURNED TO THE DRYING OVEN.

GENERAL

7. REFERENCE ELEVATION AT TOP OF SILO EQUALS 1000'-0" FOR ACTUAL ELEVATION AND ORIENTATION OF REFERENCE AXIS SEE CIVIL DRAWINGS.
8. SEE ELECTRICAL AND MECHANICAL DRAWINGS FOR LOCATION OF EMBEDDED ITEMS NOT SHOWN ON THE STRUCTURAL DRAWINGS.
9. SPECIAL PRECAUTIONS SHALL BE TAKEN TO ELIMINATE VOIDS IN THE CONCRETE AROUND THE SHOCK HANGER INSERT PLATE AND THE OVERHEAD DOOR ACTUATOR BRACKETS.
10. NOTE THE USE OF HIGH STRENGTH REINFORCING STEEL IN THE OVERHEAD DOOR AND HIGH STRENGTH STEEL BOLTS ON THE DETAILS. SPECIAL PRECAUTIONS SHALL BE TAKEN TO INSURE THEIR PROPER PLACEMENT.
11. THE MINIMUM CONCRETE STRENGTH @ 28 DAYS SHALL BE 3750 PSI EXCEPT FOR OVERHEAD DOOR SLAB WHICH SHALL BE 5000 PSI.

6 IN - 1 FT

FOR SITE 1, 5, 6, 7, 10, 11, 12

REVISIONS	DATE	DESCRIPTION
4	1-13-60	REV. TO SHOW CONSTRUCTION AS BUILT CONDITION — DELETED DOWEL SCH.
3	2-25-59	ISSUED FOR LINCOLN A.F.B.

BECHTEL CORPORATION
ENGINEERS AND CONSTRUCTORS

DEPARTMENT OF THE AIR FORCE
AIR FORCE BALLISTIC MISSILE DIVISION

WS-107 A-1 OPERATIONAL BASE
UNITARY SILO
LAUNCHING SILO
GENERAL PLAN & ELEVATION

ENG. 25-066-60-52
15 JAN 1960
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