NORTH

VERIFY THIS ELEVATION AT REF MANUFACTURER'S SHOP OF FABRICATED BLDG.

FLOOR ± TYP.

6" CONC. SLAB

PLANK TOLE MAP W/6.6-80/10 SWWF

4" REINF. CONC. SLAB W/6.6-80/10 SWWF IN CENTER OF SLAB

4" REINF. CONC. SLAB W/#3 @ 18" O.C. EA. WAY IN CENTER OF SLAB

FIN. FL. EL. 0'-00"

CONC. COVERS SEE DETAIL

REMOVABLE HANDRAIL SEE 1 SHEET FLOOR PLAN

#6 ENG'D. R. COVERS SEE SECTION (TYP.)

4'-6"x5'-0"x6" CONC. SPLASH BLOCK (TYP.)

FOUNDATION PLAN

GENERAL NOTES:

1 - CONTRACTOR SHALL VERIFY CONDITIONS AT THE SITE, AND SHALL IMMEDIATELY NOTIFY THE CONTRACTING OFFICER OF ANY CONDITION THAT MIGHT HINDER THE STRUCTURE.

2 - SOIL DESIGN BASED ON 2500 P.S.F. PRESSURE AT A MIN. DEPTH OF TWO FEET BELOW EXISTING GRADE

3 - CONCRETE SHALL ATTAIN A STRENGTH OF 3500 P.S.I. AT 28 DAYS.

4 - REINFORCING STEEL SHALL BE INTERMEDIATE GRADE DEFORMED BARS CONFORMING TO A.S.T.M. A305 & A15.

5 - STRUCTURAL STEEL SHALL BE NEW OPEN HEARTH AND SHALL CONFORM TO A.S.T.M. A36.

6 - WELDING SHALL BE ELECTRIC ARC PROCESS AND SHALL CONFORM TO A.W.S. CODE. WELDING SHALL BE PERFORMED BY OPERATORS LICENSED UNDER SAID CODE, USING APPROVED ELECTRODES.

7 - CONNECTIONS SHALL BE STD. "S" SERIES USING HIGH STRENGTH BOLTS. BOLTS SHALL CONFORM TO A.S.T.M. - A325. PURLIN & GIRT CONNECTIONS MAY BE 3/4" ϕ MACHINE BOLTS.

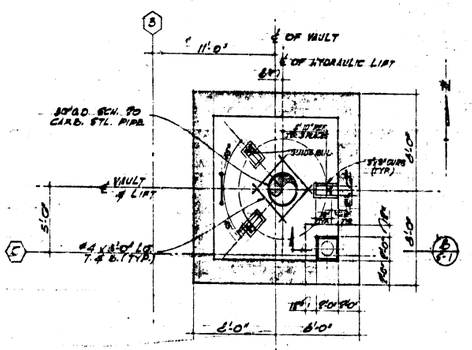
8 - PROVIDE 4" OF COMPACTED PIT-RUN GRAVEL BELOW BUT NOT LESS 6" FLOOR SLAB, MAXIMUM SIZE OF GRAVEL 2" (HIGH BAY AREA ONLY)

9 - PROVIDE FLOOR SLAB CONTRACTION JOINTS IN 1000 FT² AREAS APPROXIMATELY.

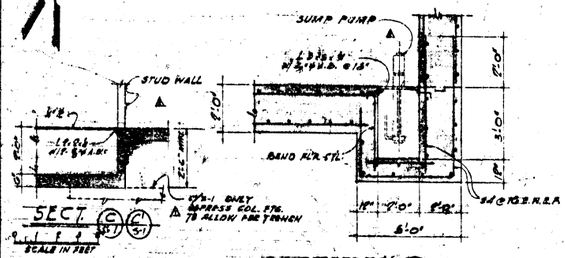
10 - ROOF DECKING SHALL BE 1½"-20 GA. STEEL DECKING (MIN. $I = 1.91$ IN⁴, $S = 2.50$ IN³) ; WALL SIDING SHALL BE 1½"-22 GA. GALV. METAL SIDING

11 - PITCH EXTERIOR SLABS ¼" UNLESS OTHERWISE NOTED.

12 - EXTERIOR PAVING TO MEET RAMP ELEVATION AT HIGH BAY AREA ONLY FOR SMOOTH TRANSITION OF ROLLING LOADS.



PLAN SECTION (A) S-1



⚠ REFERENCE FLOOR ELEVATION = 100'-0" (818.0 MSL)

HALF SIZE PRINT

303-019-51

NORMAN ENGINEERING CO. CONSULTING ENGINEERS LOS ANGELES, CALIFORNIA

U.S. ATOMIC ENERGY COMMISSION CHICAGO OPERATIONS OFFICE SNAP FACILITIES-SANTA SUSANA, CALIFORNIA

BUILDING 019 SNAP FLIGHT SYSTEMS PROTOTYPE NUCLEAR TEST FACILITY

FOUNDATION PLAN

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