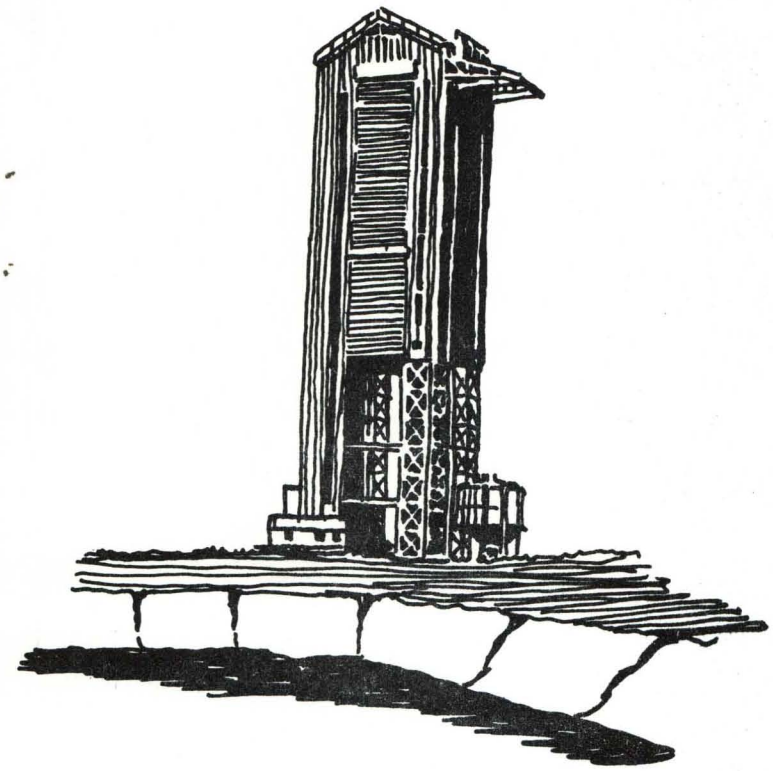

11

NUCLEAR ROCKET DYNAMICS AND CONTROL FACILITY

This $3.5 million, 200-foot high, facility is used for non-nuclear altitude tests on various components for large nuclear rocket engines such as will be needed for interplanetary travel. A 46,000 gallon liquid hydrogen run tank is located in the tower, and liquid and high-pressure gas can be supplied by rail car. A 200,000 gallon liquid hydrogen supply tank is located in the front of this facility.

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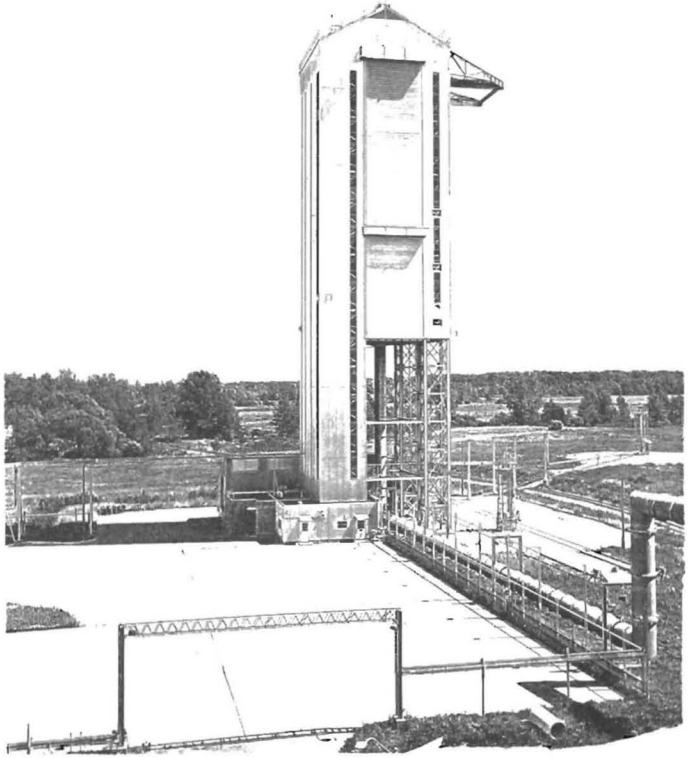
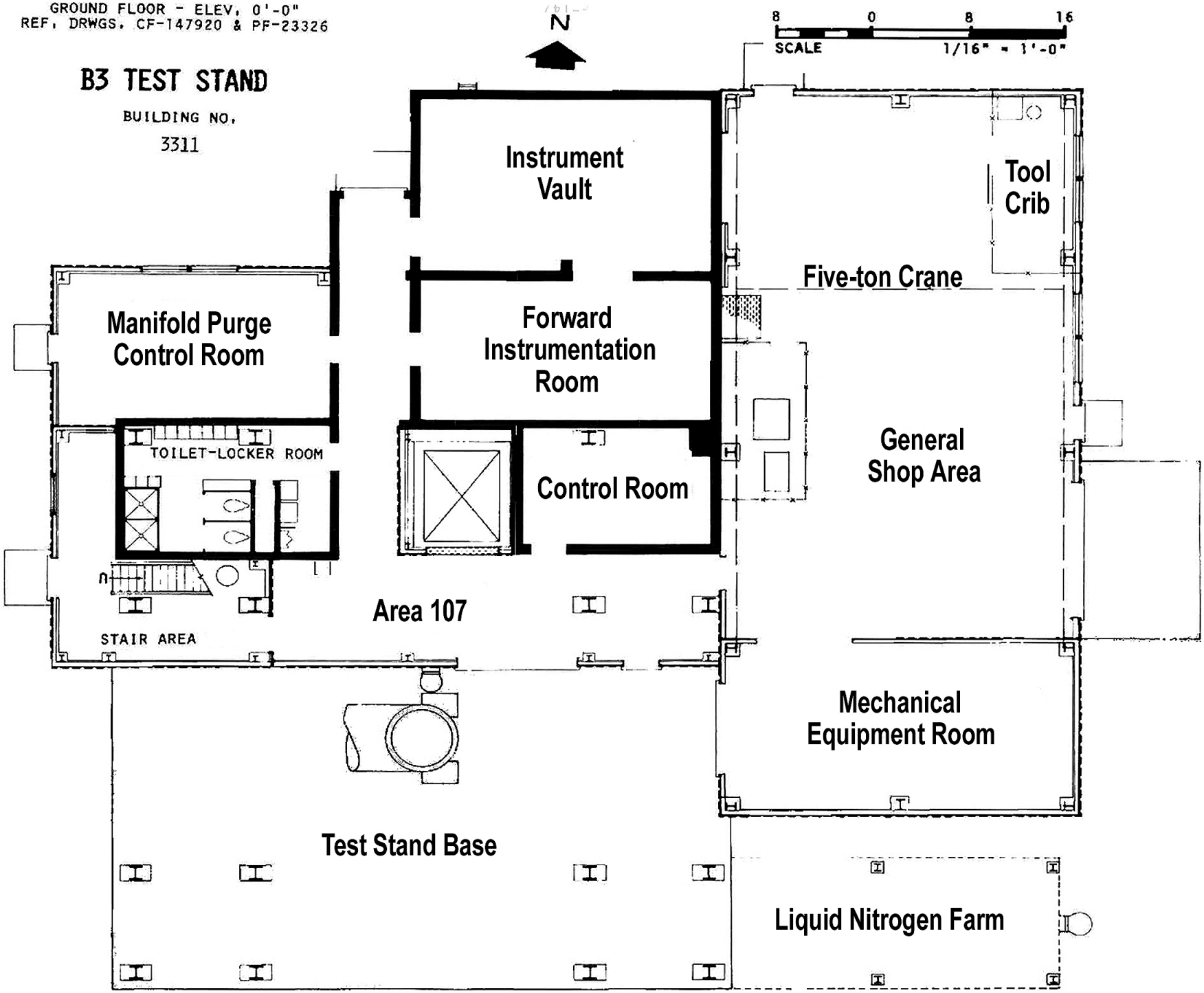
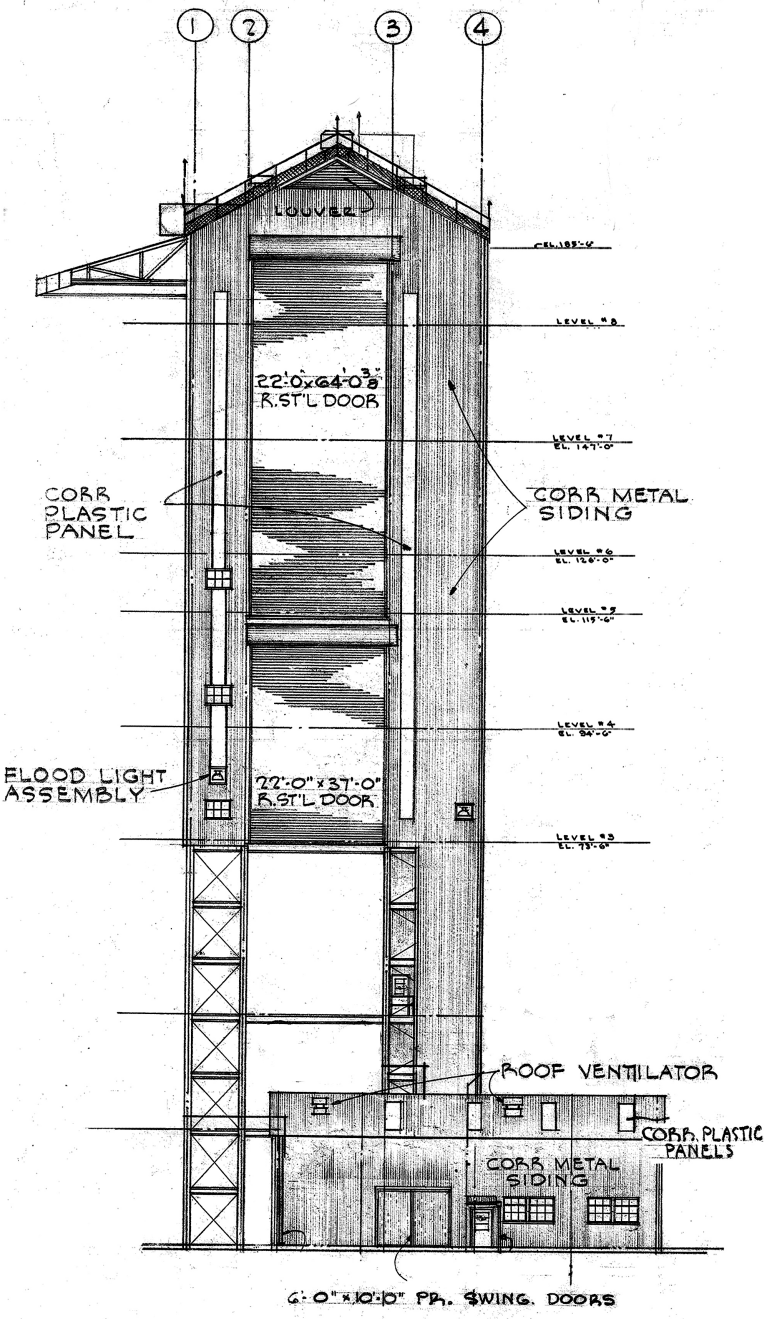
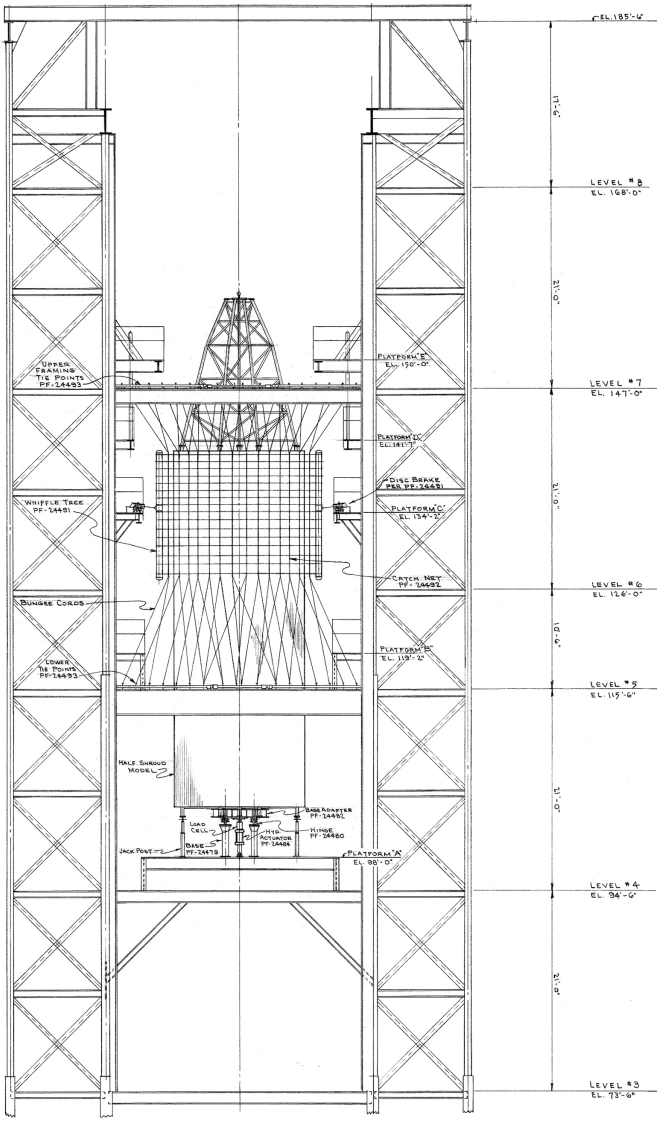



GROUND FLOOR - ELEV. 0'-0"
REF. DRWGS. CF-147920 & PF-23326
B3 TEST STAND
BUILDING NO.
3311
N
8 0 8 16
SCALE 1/16" = 1'-0"
Instrument Vault
Tool Crib
Five-ton Crane
Manifold Purge Control Room
Forward Instrumentation Room
TOILET-LOCKER ROOM
Control Room
General Shop Area
Area 107
STAIR AREA
Mechanical Equipment Room
Test Stand Base
Liquid Nitrogen Farm



EAST ELEVATION.

SCALE 1/6" = 1'-0"


EL. 185'-6"
11'-6"
LEVEL #8
EL. 168'-0"
21'-0"
LEVEL #7
EL. 147'-0"
13'-0"
LEVEL #6
EL. 126'-0"
10'-0"
LEVEL #5
EL. 115'-6"
21'-0"
LEVEL #4
EL. 94'-6"
21'-0"
LEVEL #3
EL. 73'-6"
UPPER FRAMING TIE POINTS PF-24493
WHIPPLE TREE PF-24491
BUNGEE CORDS
LOWER TIE POINTS PF-24493
PLATFORM "E" EL. 170'-0"
PLATFORM "D" EL. 161'-7"
DISC BRAKE PSB PF-24481
PLATFORM "C" EL. 134'-2"
CATCH NET PF-24492
PLATFORM "B" EL. 119'-2"
HALF SHROUD MODEL
BASE ADAPTER PF-24482
LOAD CELL
HYD. ACTUATOR PF-24484
HINGE PF-24480
BASE "S" PF-24479
JACK POINT
PLATFORM "A" EL. 98'-0"