In this reinforced concrete building are located the control rooms, control equipment and data recording instruments for six research sites. The data recording instruments are also used by five other sites.

Over 13,500 electrical lines are contained in the instrument and control cables that can be seen entering the building.

Since no personnel are permitted in the test site during research operations, all test sites have to be remotely controlled and closed circuit television systems are used so that the test operators can visually observe the research tests which are taking place a quarter-of-a-mile away.
This building is the control and instrument area for four research facilities:

- Hypersonic Tunnel Facility
- Nuclear Rocket Engine Dynamics Facility
- Spacecraft Propulsion Facility
- High Energy Rocket Engine Research Facility
NASA LEWIS RESEARCH CENTER - PLUM BROOK STATION
SANDBUSKY, OHIO

TRANSFORMER SUB-STATION

EQUIPMENT ROOM 106
350 SF

A/C CONDENSER

COOLING TOWER

EQUIPMENT ROOM 105
218 SF

HVAC EQUIPMENT ROOM 105

CONTROL ROOM 103-104
2359 SF

CONTROL PANELS

DATA-RECORDING EQUIPMENT ROOM 108

ELECTRONIC EQUIPMENT SHOP 107
2363 SF

CONTROL PANELS

CONFERENCE ROOM 102
1055 SF

OFFICE 110
298 SF

OFFICE 111
300 SF

OFFICE 112
296 SF

CALIBRATION ROOM 101
1415 SF

VEN

N

REF. DRWGS. PF-22201, PF-22206 & PF-22321

H CONTROL AND DATA BUILDING
BUILDING NO.
5412

SCALE 1/32" = 1'-0"
This building is the control and instrument area for four new facilities:

Hydrogen Heat Transfer Facility
Nuclear Rocket Engine Dynamics Facility
Spacecraft Propulsion Facility
High Energy Rocket Engine Research Facility