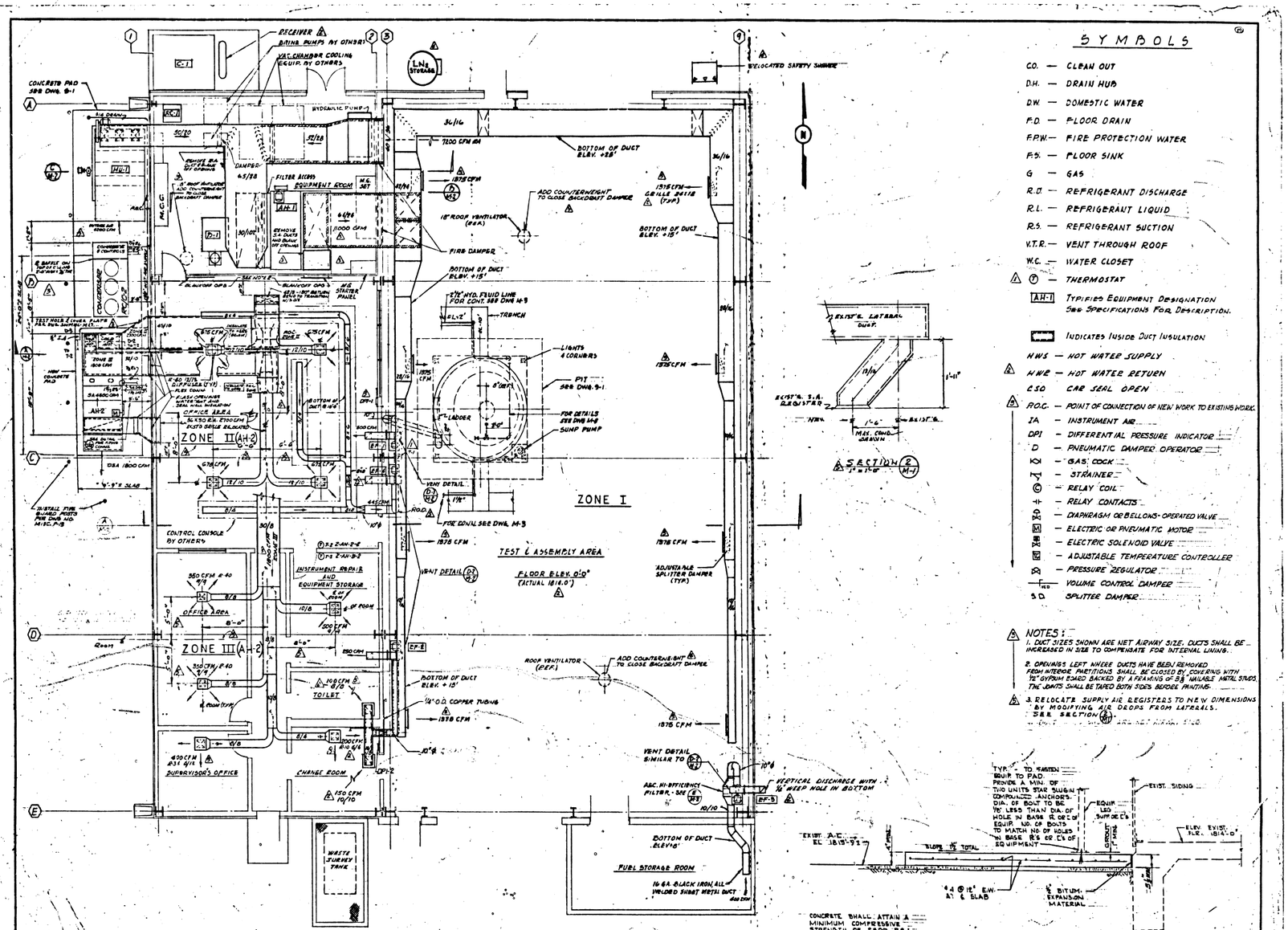

SYMBOLS

- C.O. — CLEAN OUT
- D.H. — DRAIN HUB
- D.W. — DOMESTIC WATER
- F.D. — FLOOR DRAIN
- F.P.W. — FIRE PROTECTION WATER
- F.S. — FLOOR SINK
- G — GAS
- R.D. — REFRIGERANT DISCHARGE
- R.L. — REFRIGERANT LIQUID
- R.S. — REFRIGERANT SUCTION
- V.T.R. — VENT THROUGH ROOF
- W.C. — WATER CLOSET
- △ (T) — THERMOSTAT
- A-H-1 — TYPIFIED EQUIPMENT DESIGNATION. SEE SPECIFICATIONS FOR DESCRIPTION.
- INDICATES INSIDE DUCT INSULATION
- H.W.S. — HOT WATER SUPPLY
- △ H.W.R. — HOT WATER RETURN
- C.S.O. — CAR SEAL OPEN
- △ P.O.C. — POINT OF CONNECTION OF NEW WORK TO EXISTING WORK.
- I.A. — INSTRUMENT AIR
- D.P.I. — DIFFERENTIAL PRESSURE INDICATOR
- D — PNEUMATIC DAMPER OPERATOR
- — GAS COCK
- — STRAINER
- — RELAY COIL
- — RELAY CONTACTS
- — DIAPHRAGM OR BELLOWS-OPERATED VALVE
- — ELECTRIC OR PNEUMATIC MOTOR
- — ELECTRIC SOLENOID VALVE
- — ADJUSTABLE TEMPERATURE CONTROLLER
- — PRESSURE REGULATOR
- R.C.D. — VOLUME CONTROL DAMPER
- S.D. — SPLITTER DAMPER

△ NOTES:

1. DUCT SIZES SHOWN ARE NET AIRWAY SIZE. DUCTS SHALL BE INCREASED IN SIZE TO COMPENSATE FOR INTERNAL LINING.
2. OPENINGS LEFT WHERE DUCTS HAVE BEEN REMOVED FROM INTERIOR PARTITIONS SHALL BE CLOSED BY COVERING WITH ½" GYPSUM BOARD BACKED BY A FRAMING OF 2¾ MILLALE METAL STUDS. THE JOINTS SHALL BE TAPED BOTH SIDES BEFORE PAINTING.
3. △ RELOCATE SUPPLY AIR REGISTERS TO NEW DIMENSIONS BY MODIFYING AIR DROPS FROM LATERALS. SEE SECTION △.

		REVISED TEST SHOWER FOR NEW LAY-OUT	M-1	11-6-61
	△	ADD EXH. & S.A. DUCTS FOR MAS. BRO. SYS. A-H-1	M-1	11-1-61
		A-5 ADDED	M-1	10-31-61
	△	REVISED PER BULLETIN NO. 1	R-0	9-29-61
A	△	REVISED PER ADDENDUM NO. 2	R-0	9-8-61
NO.		REVISIONS	APP'D	DATE

NORMAN ENGINEERING CO.
CONSULTING ENGINEERS
LOS ANGELES, CALIFORNIA

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

NORMAN ENGINEERING CO.		
DESIGNED BY M. E. WITKIN	DRAWN BY H.E. CLARK	DATE
CHECKED BY D. LEWIS	APPROVED BY M. E. WITKIN	DATE 9-8-61
U.S. ATOMIC ENERGY COMMISSION		
APPROVED BY		DATE

303-019-M1-R5

BUILDING 019
SNAP FLIGHT SYSTEMS PROTOTYPE NUCLEAR TEST FACILITY
HEAT, VENT. & AIR COND. PLAN

DWG. 019 M-1

SCALE 1/4"=1'-0" | ORIG. DWG. 15 of 81 | DATE 9-8-61 | CLASS. AS BUILT | DRAWING NO.

HALF SIZE PRINT