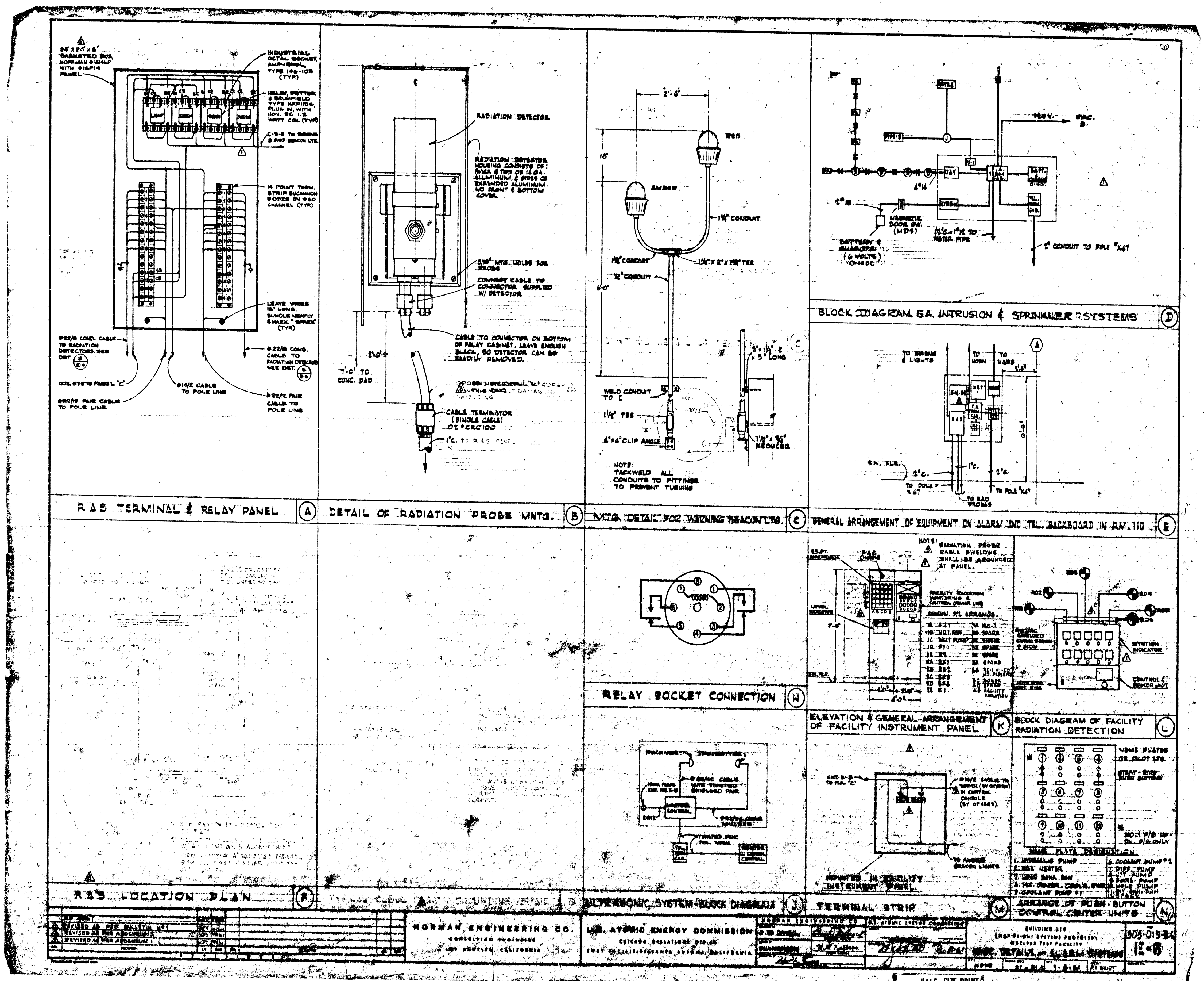
24"x24"x6" GASKETED BOX, HOFFMAN WITH #16P14 PANEL
INDUSTRIAL OCTAL SOCKET, AMPHENOL, TYPE 146-103 (TYP)
RELAY, POTTER & BRUMFIELD TYPE KRP11DG, PLUG IN, WITH 110V. DC 1.2 WATT COIL (TYP)
C-3-5 TO SIRENS & RED BEACON LTS.
14 POINT TERM. STRIP ON #60 CHANNEL (TYP)
LEAVE WIRES 18" LONG, BUNDLE NEATLY & MARK "SPARE" (TYP)
#22/8 COND. CABLE TO RADIATION DETECTORS. SEE DET. B E-6
#14/2 CABLE TO POLE LINE
#22/12 PAIR CABLE TO POLE LINE
R A S TERMINAL & RELAY PANEL (A)
RADIATION DETECTOR
RADIATION DETECTOR HOUSING CONSISTS OF: BACK & TOP OF 16 GA. ALUMINUM, & SIDES OF EXPANDED ALUMINUM. NO FRONT & BOTTOM COVER.
5/16" MTG. HOLES FOR PROBE
CONNECT CABLE TO CONNECTOR SUPPLIED W/ DETECTOR
CABLE TO CONNECTOR ON BOTTOM OF RELAY CABINET. LEAVE ENOUGH SLACK, SO DETECTOR CAN BE READILY REMOVED.
7'-0" TO CONC. PAD
CABLE TERMINATOR (SINGLE CABLE) DZ #CRC100
1"C. TO R.A.S. PANEL
DETAIL OF RADIATION PROBE MNTG. (B)
2'-6"
RED
AMBER
18"
6'-0"
1¼" CONDUIT
1¼" x 2" x 1¼" TEE
2" CONDUIT
WELD CONDUIT TO E
1½" TEE
4"x4" CLIP ANGLE
3"x1½" E x 5" LONG
1½" x ¾" REDUCER
NOTE: TACKWELD ALL CONDUITS TO FITTINGS TO PREVENT TURNING
MTG. DETAIL FOR WARNING BEACON LTS. (C)
120 V.
4#14
2#18
MAGNETIC DOOR SW. (MDS)
BATTERY & CHARGER (6 VOLTS)
1½"C. - 1#12 TO WATER PIPE
2" CONDUIT TO POLE #X47
BLOCK DIAGRAM F.A. INTRUSION & SPRINKLER SYSTEMS (D)
TO SIRENS & LIGHTS
TO HORN
TO HABS
SIN. FLR.
2"C.
1"C.
TO POLE #X47
TO RAD PROBES
GENERAL ARRANGEMENT OF EQUIPMENT ON ALARM AND TEL. BACKBOARD IN RM. 110 (E)
R A S LOCATION PLAN (F)
RELAY SOCKET CONNECTION (H)
RECEIVER
TRANSMITTER
TWISTED PAIR TEL. WIRE
MASTER CONTROL
ULTRASONIC SYSTEM BLOCK DIAGRAM (J)
NOTE: RADIATION PROBE CABLE SHIELDING SHALL BE GROUNDED AT PANEL.
FACILITY RADIATION MONITORING & CONTROL
ANNUN. P/L ARRANGE.
ELEVATION & GENERAL ARRANGEMENT OF FACILITY INSTRUMENT PANEL (K)
STATION INDICATOR
CONTROL & POWER UNIT
BLOCK DIAGRAM OF FACILITY RADIATION DETECTION (L)
TO AMBER BEACON LIGHTS
MOUNTED IN FACILITY INSTRUMENT PANEL
TERMINAL STRIP (M)
NAME PLATES
GR. PILOT LTS.
START-STOP PUSH BUTTONS
NO. 1 P/B UP-DN. P/B ONLY
NAME PLATE DESIGNATION
1. HYDRAULIC PUMP
2. MAX. HEATER
6. COOLANT PUMP #2
7. DIFF. PUMP
10. HOLD PUMP
12. SPARE
ARRANGE. OF PUSH-BUTTON CONTROL CENTER UNITS (N)
REVISED AS PER BULLETIN NO 1
REVISED AS PER ADDENDUM 2
REVISED AS PER ADDENDUM 1
NORMAN ENGINEERING CO.
CONSULTING ENGINEERS
LOS ANGELES, CALIFORNIA
U.S. ATOMIC ENERGY COMMISSION
CHICAGO OPERATIONS OFFICE
BUILDING 019
SNAP FLIGHT SYSTEMS PROTOTYPE
NUCLEAR TEST FACILITY
305-019
E-6
HALF SIZE PRINT