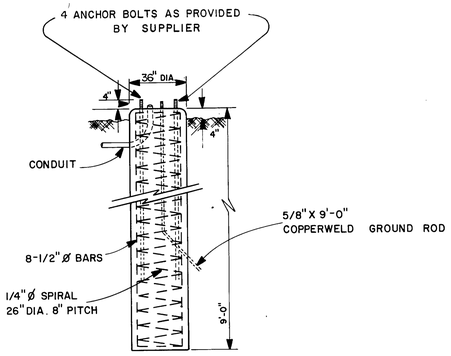
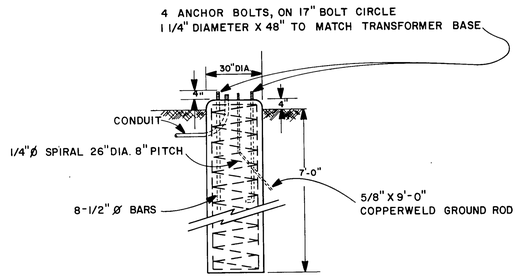


CONCRETE FOUNDATION

TYPE A

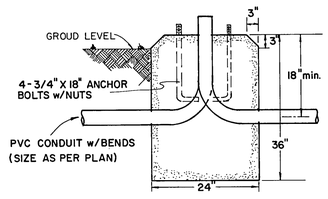
(POLE SIZE w/30ft.–40ft. Arms)

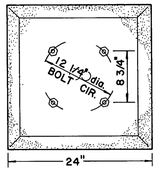


CONCRETE FOUNDATION

TYPE B

(POLE SIZE w/15 ft –25ft. Arms)



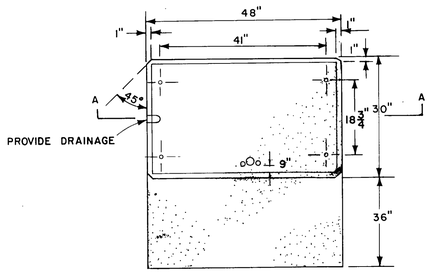


CONCRETE FOUNDATION

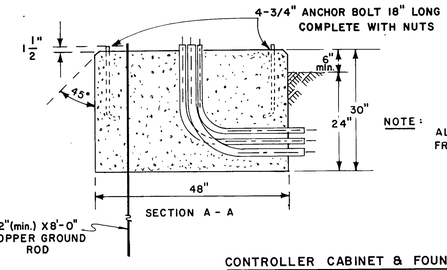
TYPE C

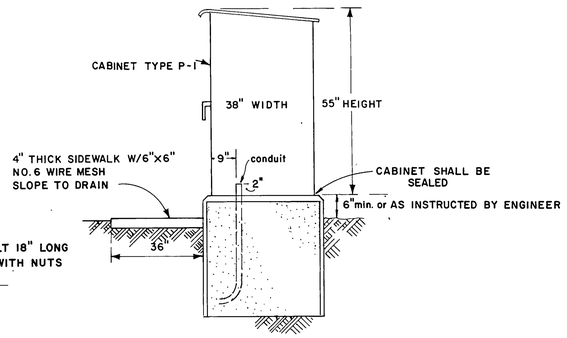
10' SIGNAL STANDARD

NOTE: ALL CONDUITS SHALL BE STUBBED UP APPROX. 2" ABOVE TOP OF FOUNDATION AND CENTERED



TOP VIEW

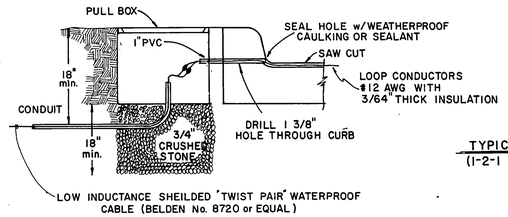




NOTE: ALL CONDUIT SHALL BE STUBBED UP FROM FLUSH TO 2" MAX. ABOVE FOUNDATION TOP

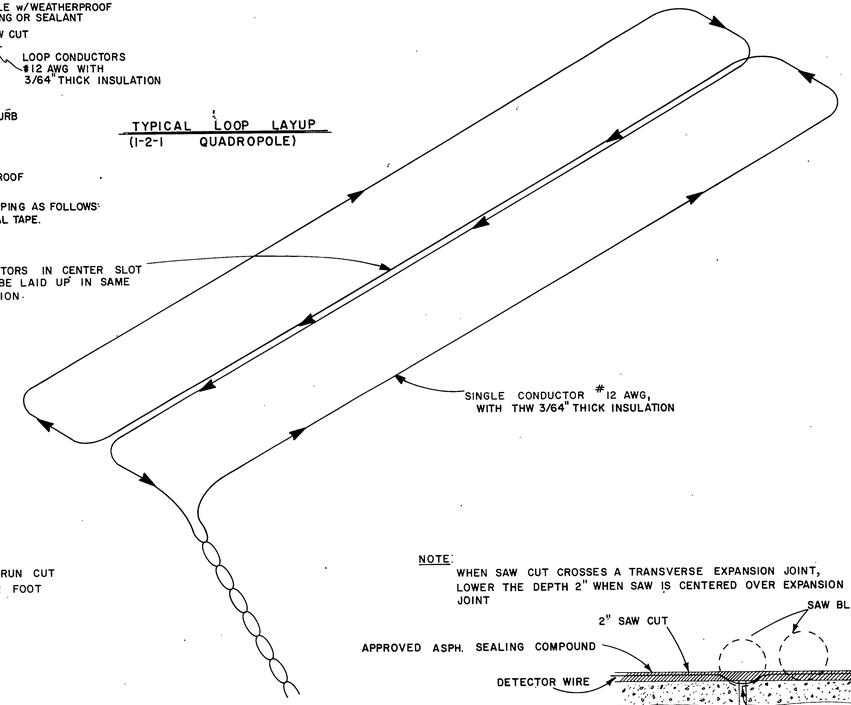
CONTROLLER CABINET & FOUNDATION

INSTALLATION DETAILS FOR DETECTOR LEADS AND SPLICING METHOD



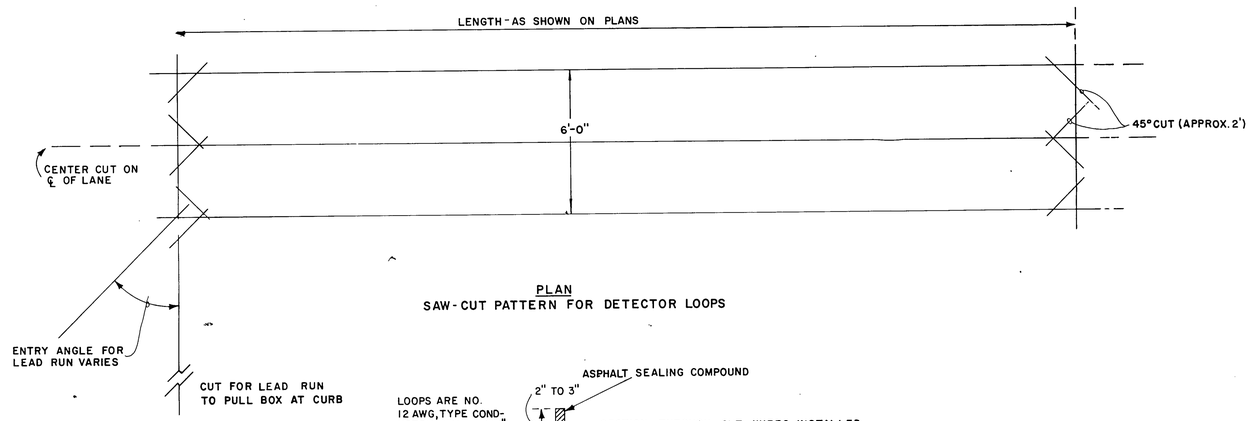
NOTE: SOLDER CONNECTIONS AND PROVIDE WATERTIGHT WRAPPING AS FOLLOWS:
1. TAPE EACH SPLICE JOINT WITH SCOTCH #88 ELECTRICAL TAPE.
2. DIP EACH TAPED SPLICE IN SCOTCHCOAT

TYPICAL LOOP LAYUP (1-2-1 QUADROPOLE)



WIRES TWISTED IN LEAD RUN CUT AT LEAST, 2 TURNS PER FOOT

NOTE:
WHEN SAW CUT CROSSES A TRANSVERSE EXPANSION JOINT, LOWER THE DEPTH 2" WHEN SAW IS CENTERED OVER EXPANSION JOINT



PLAN

SAW-CUT PATTERN FOR DETECTOR LOOPS

1. INSTALLATION OF WIRE LOOPS IS TO BE MADE IN THE SHORTEST TIME PRACTICAL, NOT TO EXCEED A 4 HR MAX. AND SCHEDULED DURING OFF PEAK HOURS TO MINIMIZE DELAY TO VEHICLE TRAFFIC.
2. THE PAVEMENT CUT IS TO BE CUT WITH A CONCRETE SAW, FORMING STRAIGHT LINES WITH LOOSE MATERIAL REMOVED. THE CUT SHOULD BE CLEAN AND DRY WHEN THE SEALING COMPOUND IS PLACED.
3. LOOPS UNDER 20' SHALL HAVE 3 TURNS OF #12 AWG THW WIRE LOOPS 20' AND LONGER SHALL HAVE 2 TURNS PER FOOT OF #12 AWG THW WIRE.
4. EACH LOOP IS TO BE RETURNED TO CONTROLLER VIA ONE PAIR OF UNSPLICED SHIELDED LEAD-IN WIRES. MULTIPLE, TWISTED LEADS TO MORE THAN ONE LOOP IN SINGLE LEAD RUN SAW SLOT ARE PERMISSIBLE. HOWEVER, DEPTH OF SUCH SLOTS MUST BE INCREASED TO PROVIDE A MINIMUM COVER THICKNESS FOR SEALING OF 1 1/2 INCHES.

NOT TO SCALE

UNDER CONTRACT BY

H.B. JONES

Consulting Engineers Garland, Texas

No	Revision	By	Date

TRAFFIC SIGNAL INSTALLATION

DETAILS SHEET B

GINN, INC. Consulting Engineers Dallas, Texas

Designed - HBJ	Drawn - RGB	Date - July 1983	Job No. -
Approved - ANG	Checked - HBJ	Scale - NONE	Sheet 12 Of 14