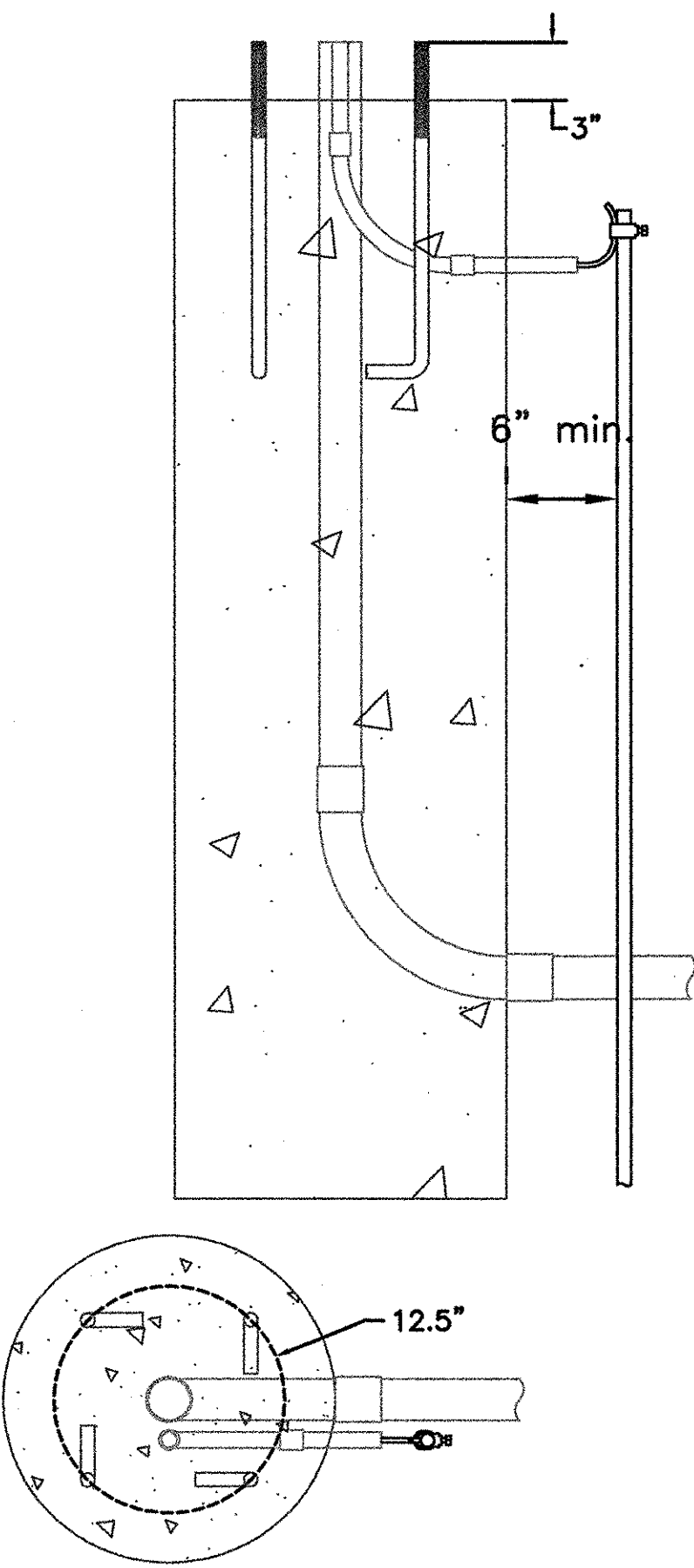


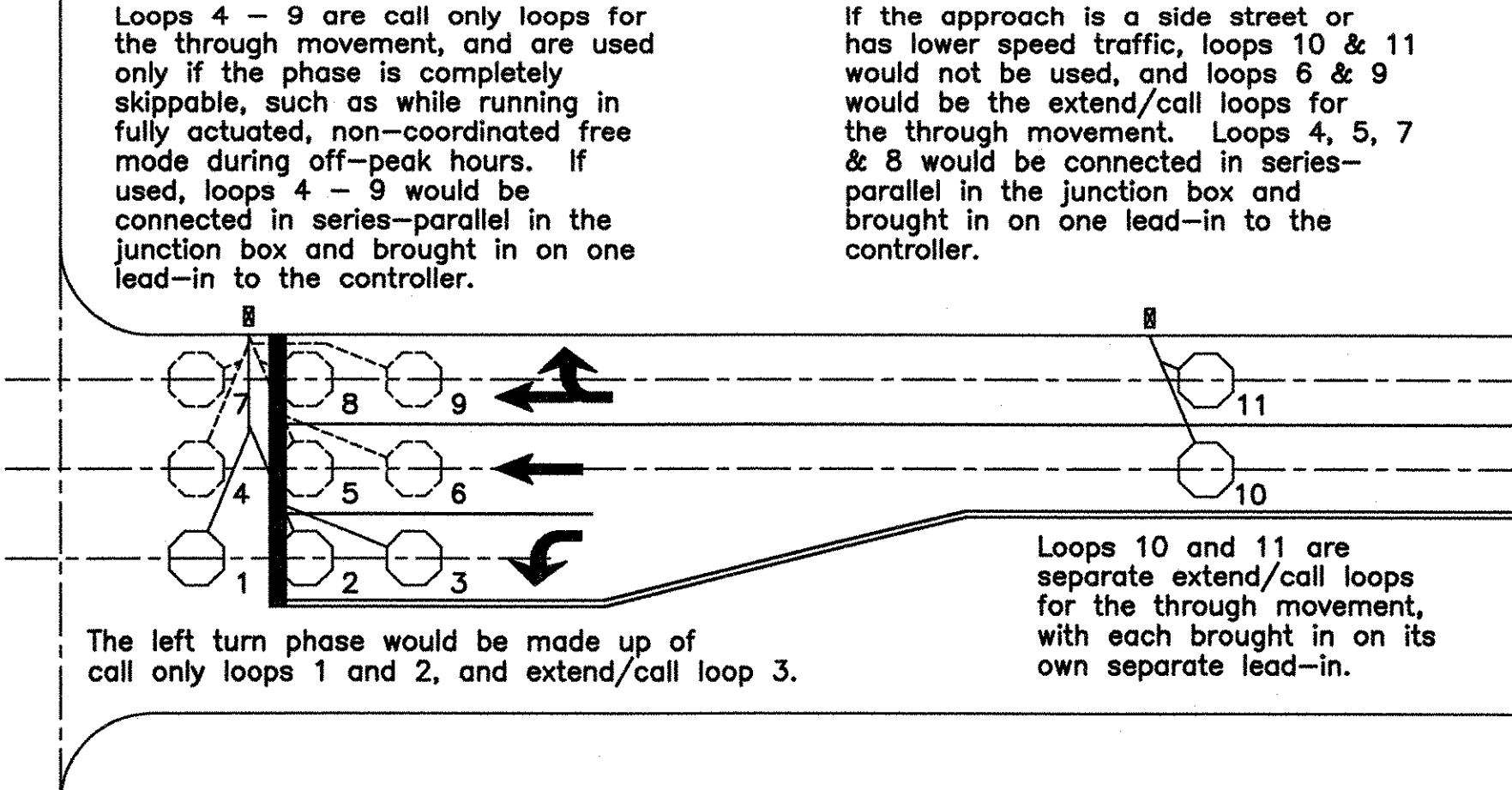
PEDESTRIAN POLE BASE DETAIL
(CITY OF BURLINGTON STANDARD)



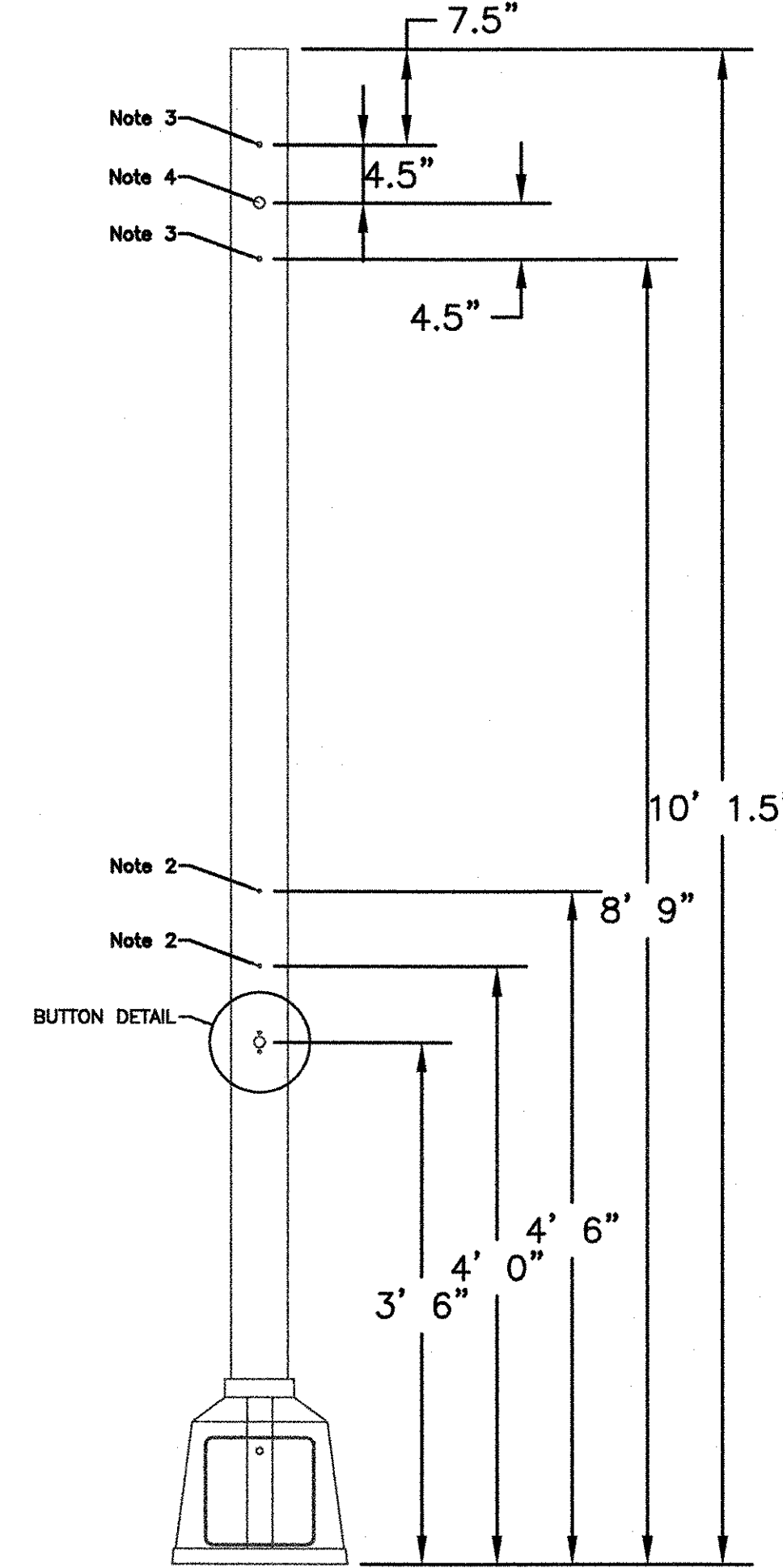
SPECIFICATIONS:

1. PEDESTRIAN BASES WILL BE 18" ROUND, 60" DEEP, AND PROJECT 2 TO 4" ABOVE GRADE.
2. ANCHOR BOLTS WILL BE 304 STAINLESS STEEL, 3/4" NOMINAL THREADING, 3" BEND AT THE BOTTOM. ANCHOR BOLTS WILL BE SET IN A 12.5" DIAMETER BOLT CIRCLE AS SHOWING THE TOP VIEW, AND WILL PROJECT 3" ABOVE THE CONCRETE AS SHOWN IN THE SIDE VIEW.
3. CONDUIT FOR THE BASE WILL CONSIST OF ONE OR MORE 2" SCHEDULE 40 PVC CONDUITS, AS SHOWN ON THE PLANS, CENTERED IN THE BASE.
4. IN ADDITION TO THE 2" CONDUITS, EVERY BASE WILL HAVE A 1/2" SCHEDULE 40 PVC CONDUIT FOR ROUTING A GROUND WIRE TO A GROUND ROD. THE GROUND WIRE WILL BE #6 BARE COPPER JOINED TO THE GROUND ROD WITH A STANDARD ACORN CLAMP. THERE WILL BE 24" OF WIRE LEFT AT THE TOP OF THE CONDUIT FOR CONNECTING THE WIRE TO THE POLE GROUND LUG.
5. THE GROUND ROD WILL BE COPPER CLADDED STEEL, A MINIMUM OF 0.75" BY 8' LONG, NO CLOSER THAN 6" TO THE CONCRETE BASE.
6. PEDESTRIAN BASES WILL BE REINFORCED WITH A CAGE CONSISTING OF FOUR VERTICAL #4 REBARS SPACED EVENLY AROUND THIS INSIDE, SECURED TO TWO 15" DIAMETER HOOPS MADE FROM #3 REBARS. THE CAGE WILL BE ROTATED FOR MINIMUM INTERFERENCE WITH THE ANCHOR BOLTS AND CONDUITS.
7. PEDESTRIAN BASES WILL BE POURED WITH MINIMUM 3000 PSI CONCRETE. ALL EXPOSED SURFACES WILL BE FINISHED SMOOTH.

LOOP LAYOUT – MULTI-LANE APPROACH
(CITY OF BURLINGTON STANDARD)



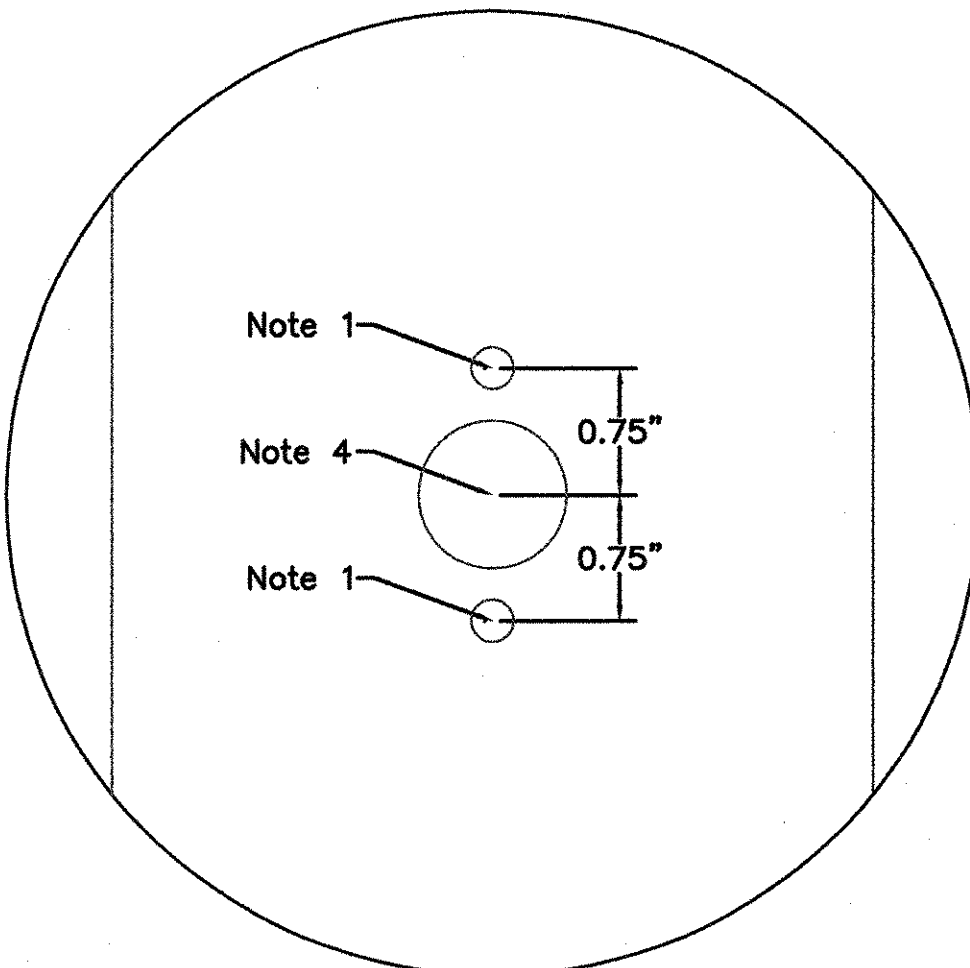
PEDESTRIAN POLE INSTALLATION DETAIL
(CITY OF BURLINGTON STANDARD)



NOTES:

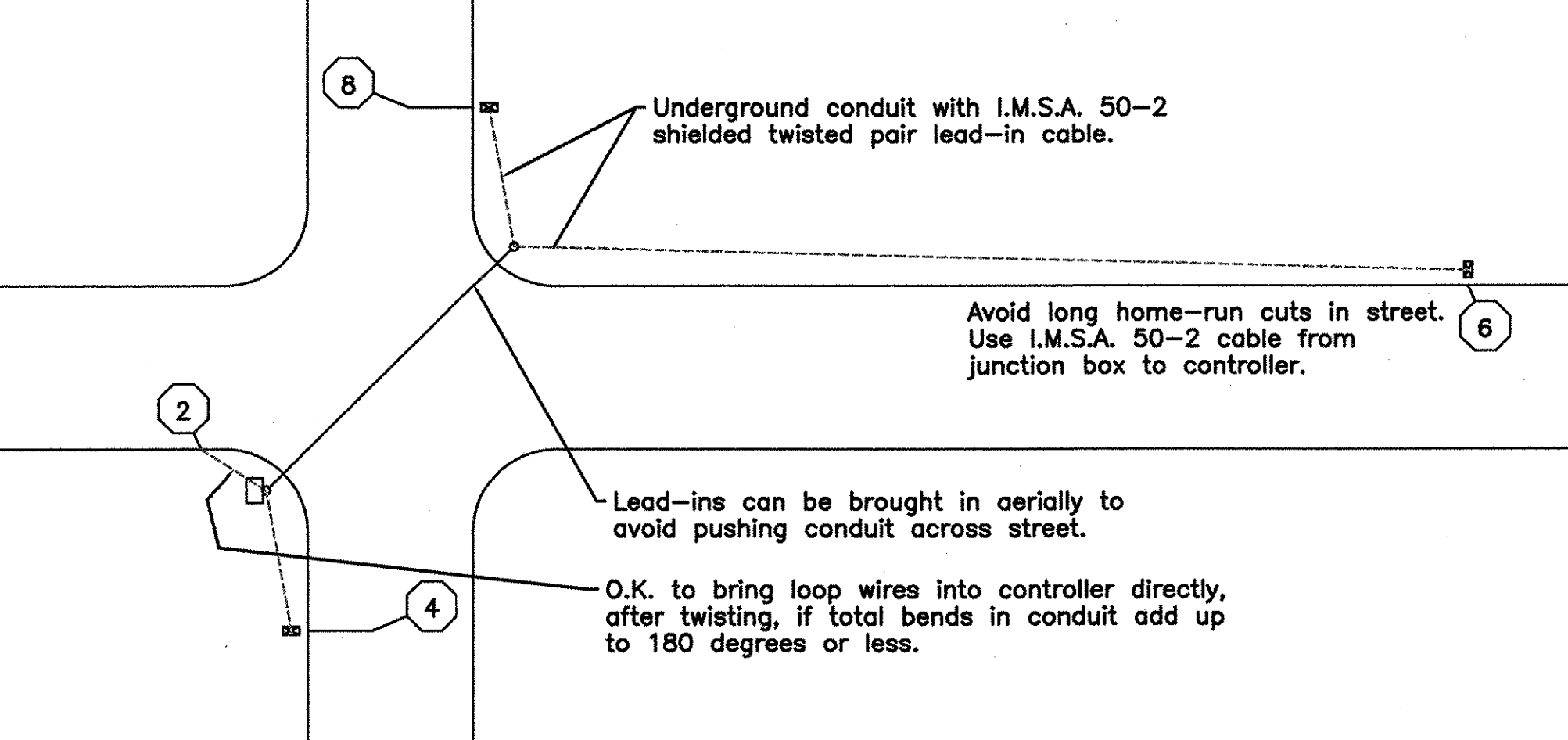
1. DRILL AND TAP 1/4-20 HOLE. SECURE PED BUTTON WITH 1" X 1/4-20 STAINLESS STEEL SLOTTED FLATHEAD SCREW.
2. DRILL AND TAP 1/4-20 HOLE. SECURE PED SIGN TO SIGN BRACKET WITH 1/5" X 1/4-20 STAINLESS STEEL SOCKET HEAD CAP SCREW AND 1/4" STAINLESS STEEL FLAT WASHER. THIS HOLE SHOULD BE AS CLOSE TO PERPENDICULAR AS POSSIBLE.
3. DRILL AND TAP 3/8-16 HOLE. SECURE PED SIGNAL WITH 1.25" X 3/8-16 STAINLESS STEEL SLOTTED FLATHEAD SCREW.
4. DRILL 7/8" DIAMETER HOLE FOR PASSING THROUGH THE NECESSARY WIRES.

GENERAL NOTE FOR ALL TAPPED HOLES:
ALL SCREW THREADS MUST BE COATED WITH AN ANTI-SEIZING COMPOUND TO PREVENT SEIZING DUE TO ALUMINUM OXIDIZATION.



BUTTON DETAIL

LOOP LEAD-IN ROUTING
(CITY OF BURLINGTON STANDARD)



DATUM
VERTICAL _____
HORIZONTAL _____

SURVEYED BY	KAS	DATE	5/29/92
DRAWN BY	KRD		
SQUAD LEADER			
DESIGN FILE NO.	89-108		
PRF FILE	89-108	DATE PLOTTED	
PROJ. NAME	BURLINGTON		
PROJ. NO.	MEGC 5000(15)		
SHEET	161	OF	252 SHEETS