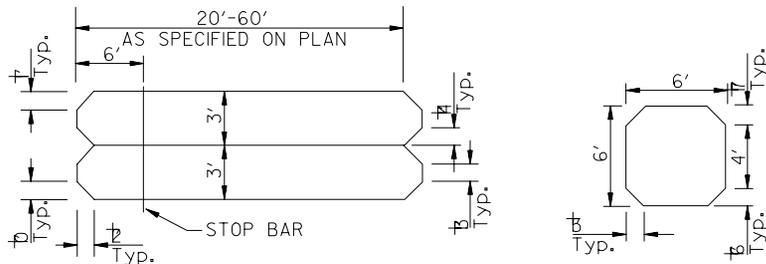


WIRING DIAGRAM FOR OCCUPANCY LOOP DETECTOR
LOOP DUCT (ORANGE)



OCCUPANCY LOOP DETECTOR SAW CUT PATTERN

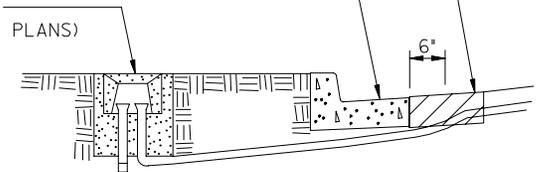
NOTES:

1. BUT THE DIAGONALS AS SHOWN TO PREVENT SHARP BENDS IN THE WIRE. OVERCUT THE DIAGONALS SO THAT THE CORNERS HAVE THE FULL DEPTH REQUIRED.
2. THE SAW CUT SHALL BE AS SHOWN UNLESS OTHERWISE NOTED.
3. BLOW OUT ALL SAW CUTS BEFORE INSERTING THE WIRES. WIRES SHALL BE INSERTED IN SUCH A MANNER THAT THE INSULATION SHALL NOT BE DAMAGED.
4. SAW CUTS SHALL BE FILLED WITH EPOXY LOOP SEALANT, OR EQUIVALENT SEALANT AS APPROVED BY CITY ENGINEER.
5. USE SAME MATERIAL (OR APPROVED EQUAL) FOR PATCHING EXISTING PAVEMENT. PATCH TO AT LEAST 1/4" HIGHER THAN SURFACE OF EXISTING PAVEMENT.
6. ALL DETECTOR LOOPS SHALL BE GIVEN A CONTINUITY AND INSULATION TEST BEFORE AND AFTER PLACING THE FINAL PAVING OR PLACING THE SEALER IN THE SAW CUTS.
7. LOOP DETECTORS SHALL BE LOCATED IN CENTER OF TRAVELED LANE UNLESS OTHERWISE NOTED ON PLANS AND SHALL BE APPROVED PRIOR TO SAW CUTTING.
8. LEFT-TURN LANE DETECTOR LEAD-IN SHALL BE INSTALLED IN A SEPARATE SAW CUT.
9. NO MORE THAN TWO ADJACENT DETECTOR LEAD-INS SHALL BE IN THE SAME SAW CUT.
10. DETECTOR LEAD-IN SAW CUTS SHALL BE 1' APART.

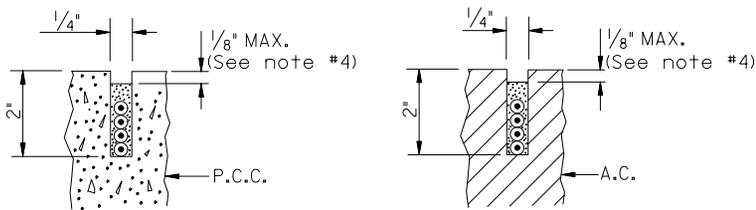
TYPE 'A' MODULAR FOUNDATION OR PULL BOX (REFER TO SIGNAL PLANS)

CURB & GUTTER

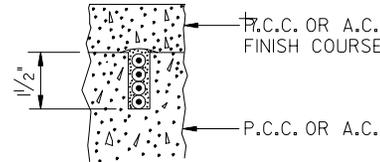
SEE NOTE 5



DETAIL "A"



LOOPS IN FINISH COURSE



LOOPS IN SUB-BASE

ORIGINAL SIGNATURE ON FILE
AT THE CITY OF TEMPE

APPROVED: _____ DEPUTY PUBLIC WORKS DIRECTOR _____ DATE

APPROVED: _____ CITY ENGINEER _____ DATE