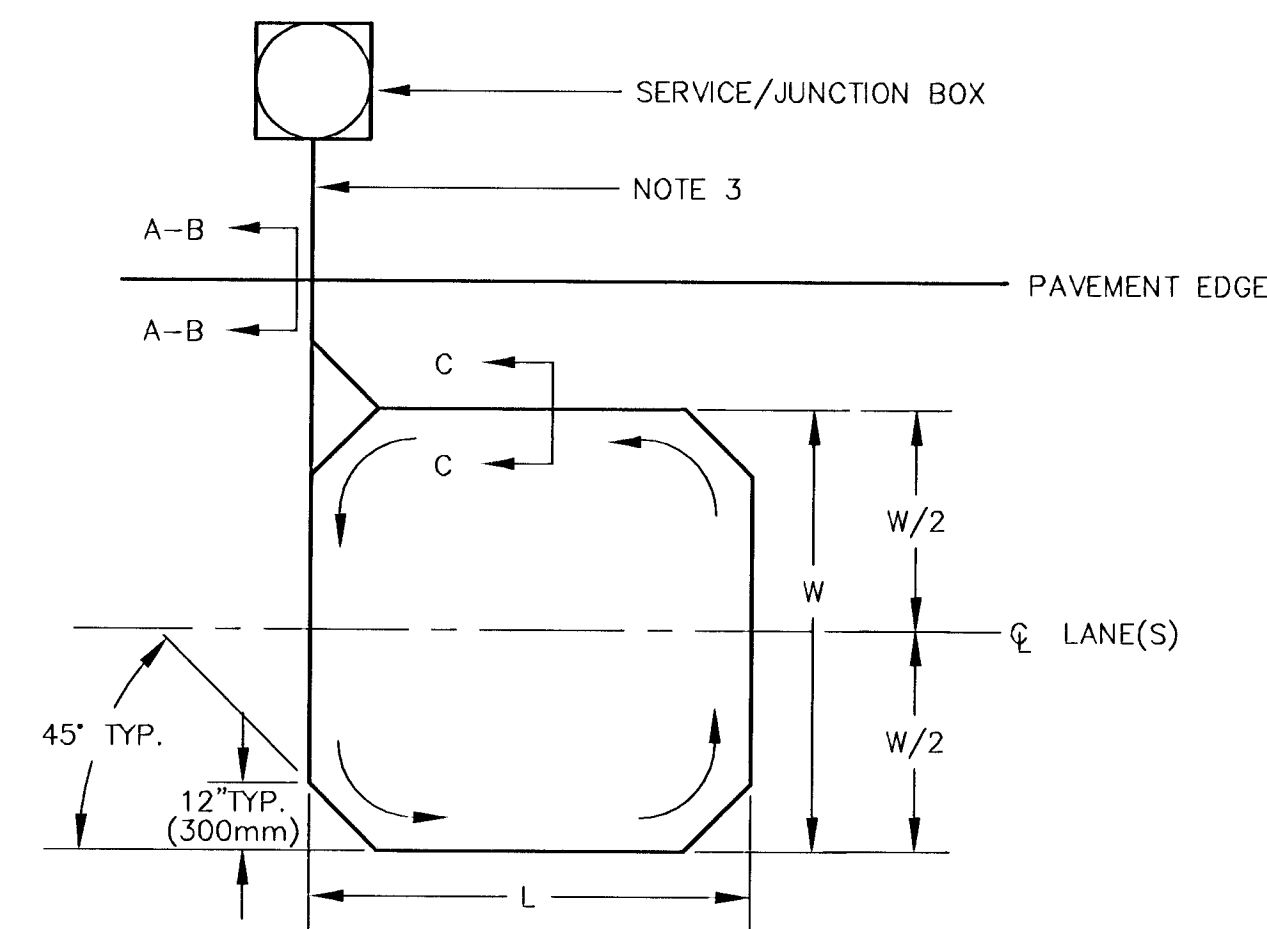
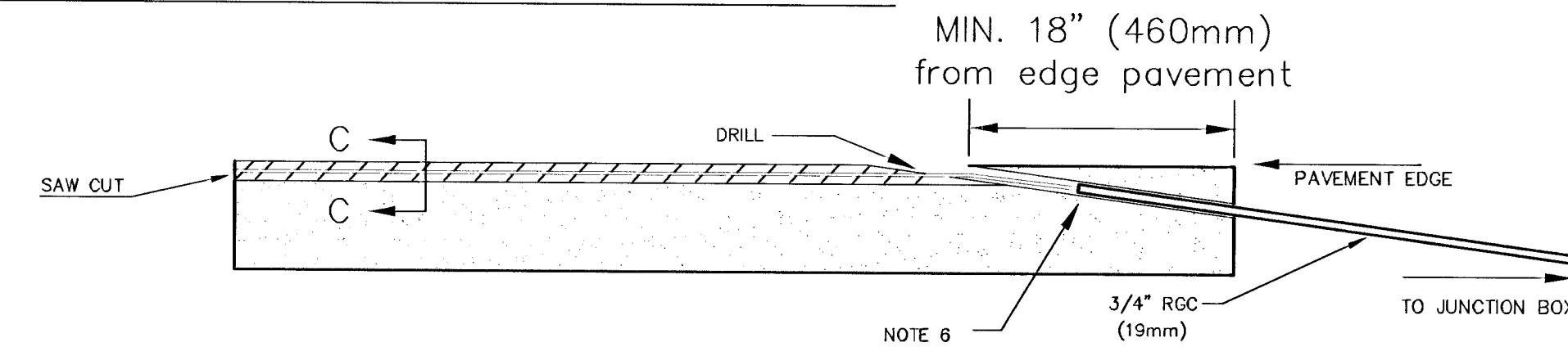


Loop Construction/Installation Details

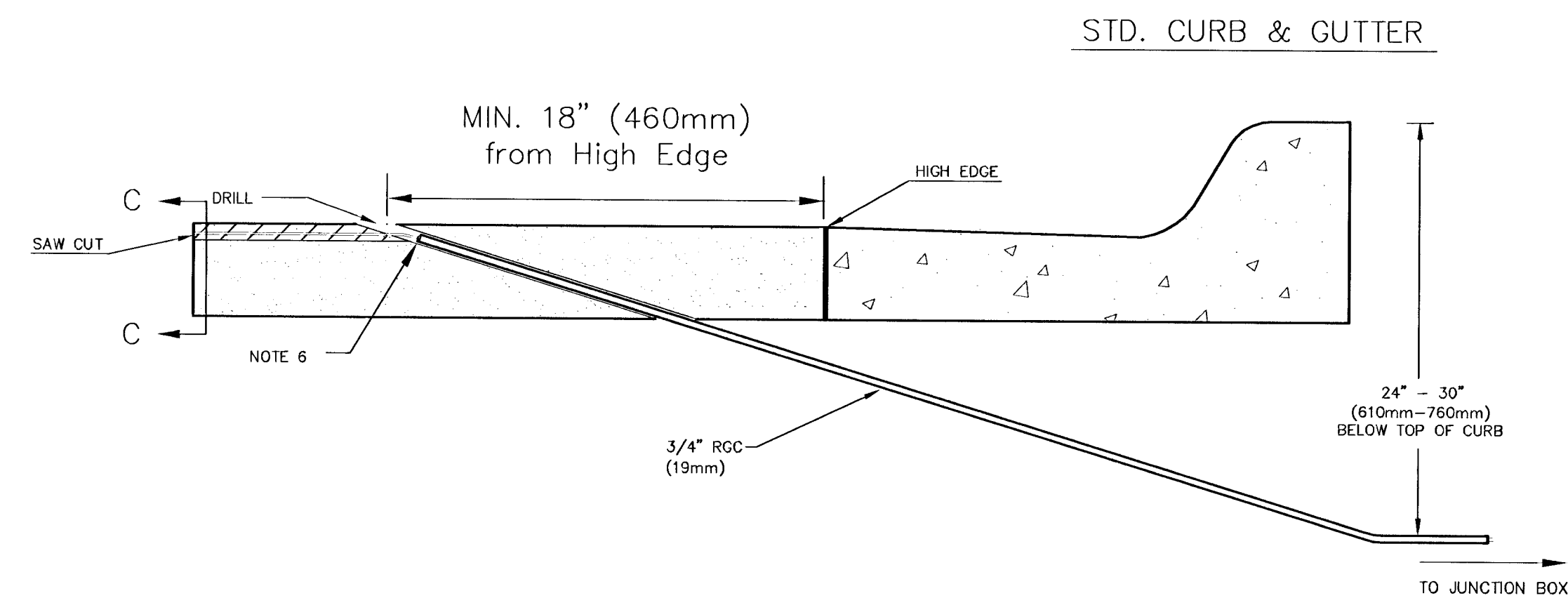
Typical Conventional Loop Installation



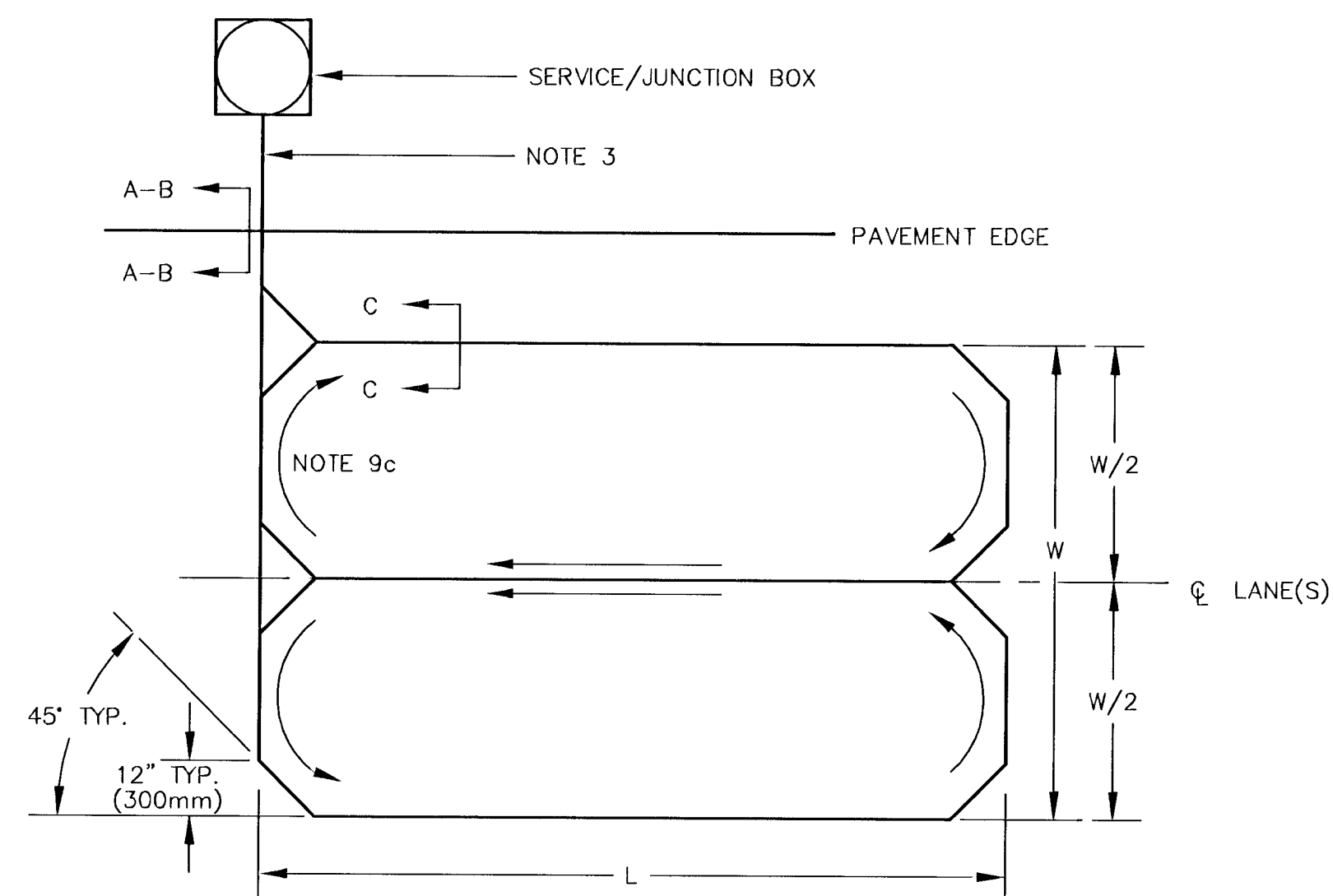
Detail A – No Curb & Gutter



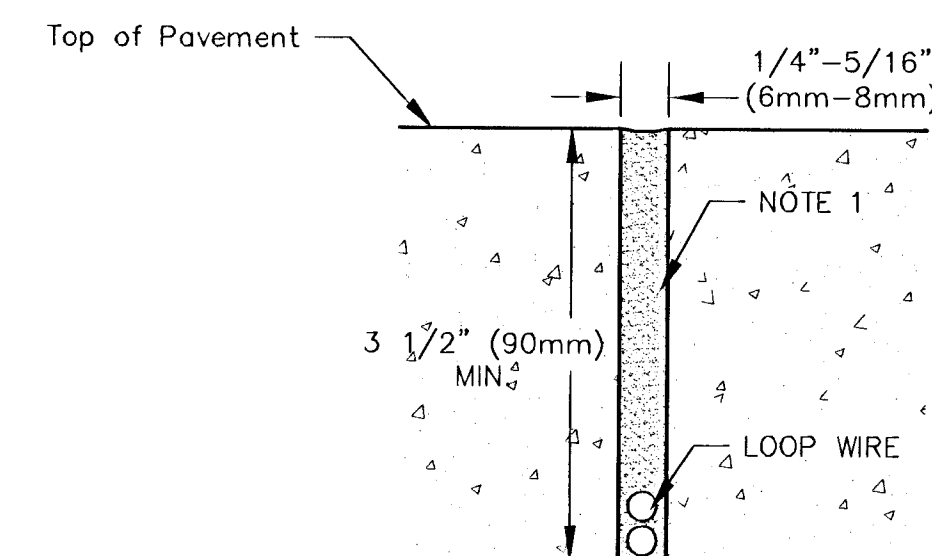
Detail B - Full Curb & Gutter



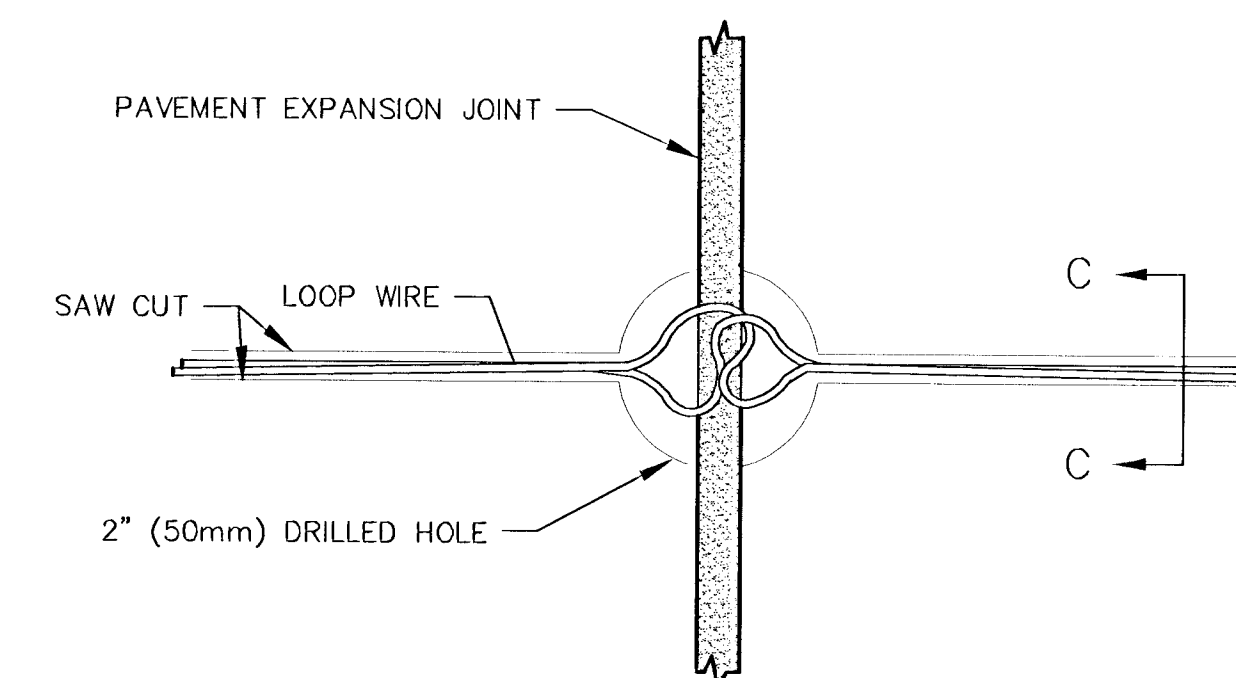
Typical Quadrapole Loop Installation



Detail C - Saw Cut



Detail D – Pavement Joint Crossing



NOTES:

1. Loop saw cut shall be filled with approved sealant to within $1/8"$ (4mm) of pavement surface.
2. All loops shall be wound in the same direction.
3. Loop wire between the loop and the service/junction box shall be twisted 2 turns per foot.
4. No expansion joint in the pavement or curb & gutter shall be utilized in the placement of loop wire runs or conduit embedding.
5. The loop wire shall not pass through any part of any drive approach and/or corner radius.
6. All conduit ends shall be sealed with duct seal to prevent loop sealant from entering conduit.
7. Loop feeder conduit shall be a minimum of 12" (300mm) from any other loop feeder conduit.
8. Saw cuts running parallel with expansion joint or any other saw cut shall be a minimum of 12" (300mm) apart.
9.
 - a. Loops 25' (7.6m) or less – 4 turns.
 - b. Loops over 25' (7.6m) – 3 turns.
 - c. Quadrupole loops – 2-4-2 turns.
10. The loop wire shall have 2" (50mm) slack at all crossings of pavement joints to allow for expansion/contraction of pavement. – Detail D"

[illegible]

PROJECT NUMBER 472-76-245-83452		SHEET NAME LOOP-DTL	ENGINEERING DIRECTORY F:\Eng\Kwikshop-37th\...det	
DESIGN STAFF	DRAWN STAFF	APPROVED JFB	DATE MAY 02	SCALE NONE
			BAUGHMAN NO 02 01 E225	

LEFT TURN LANE IMPROVEMENT
LOOP DETAIL
37th STREET NORTH BETWEEN MERIDIAN & WOMER

BAUGHMAN COMPANY, P.A.
ENGINEERING, SURVEYING, & PLANNING
316-262-7271 * 315 ELLIS * WICHITA, KANSAS 67211

SHEET 5
OF 5