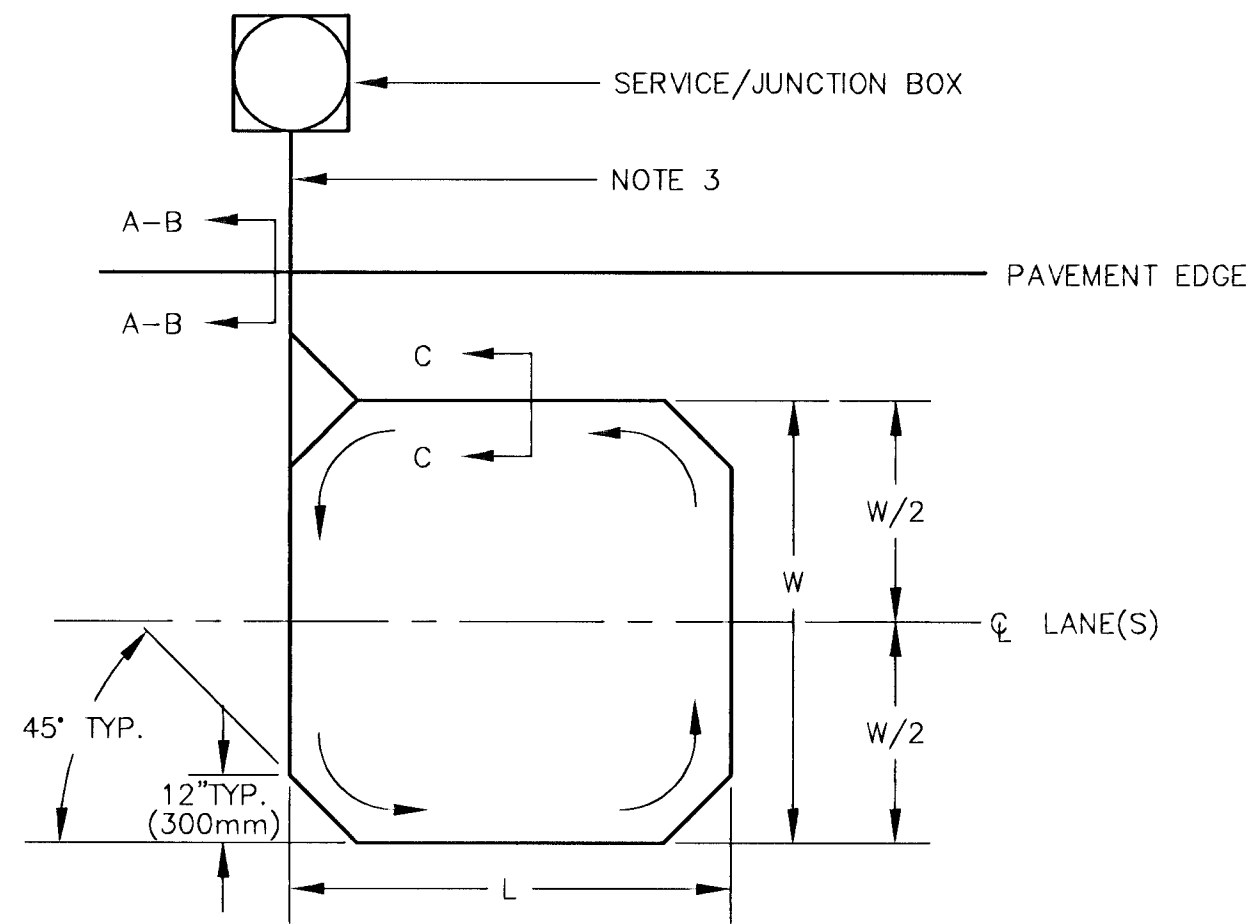
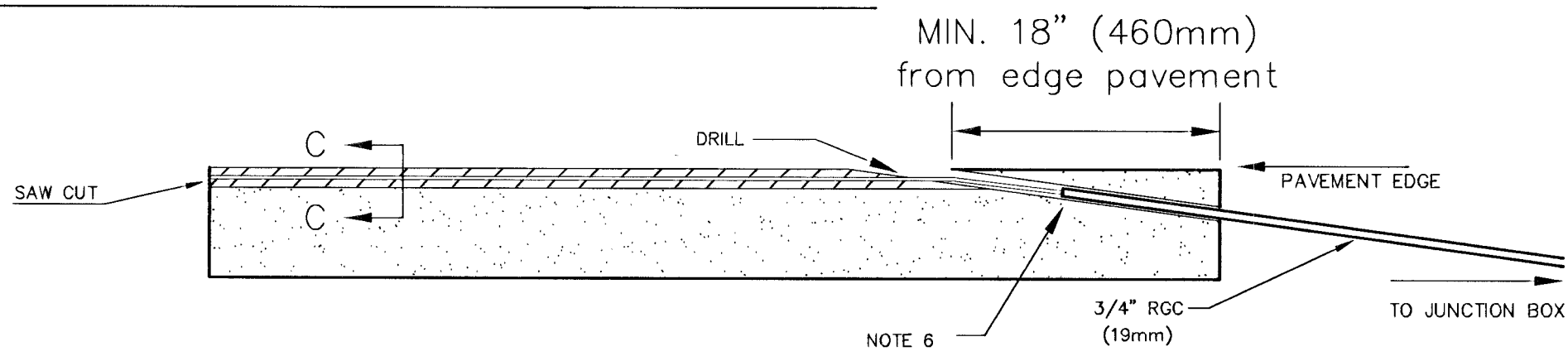


Loop Construction/Installation Details

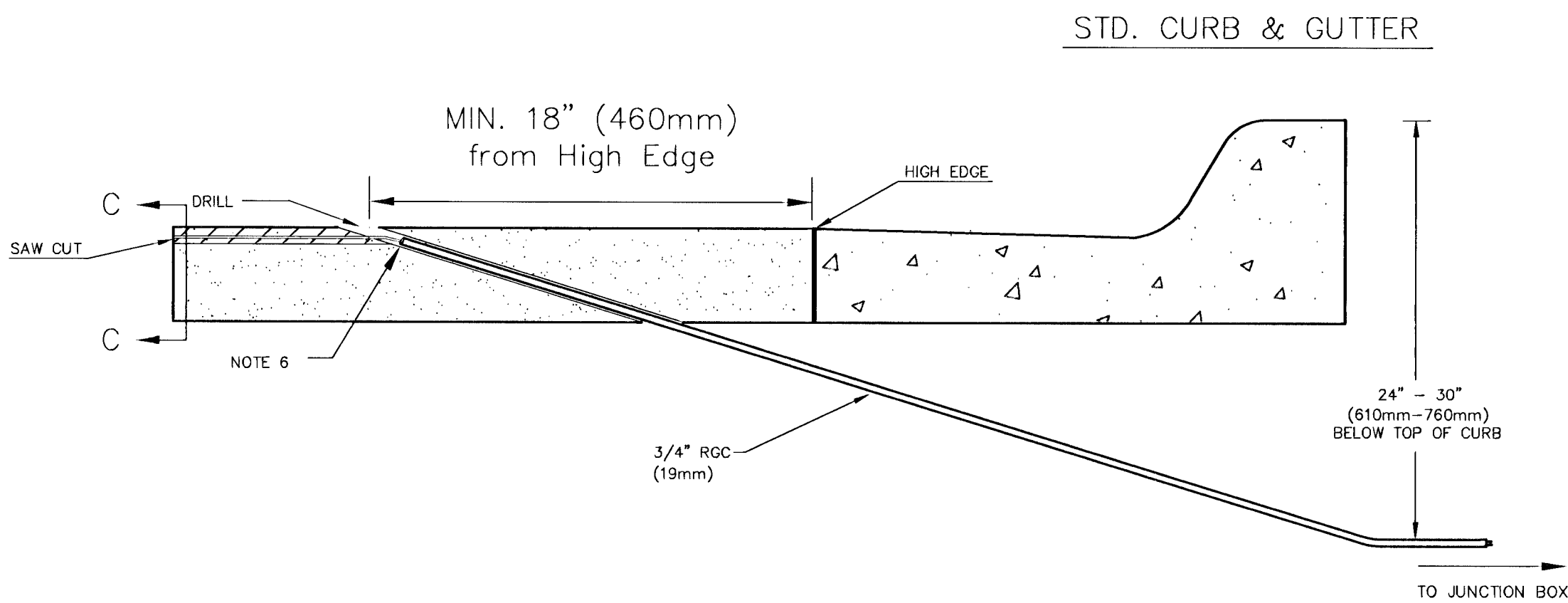
Typical Conventional Loop Installation



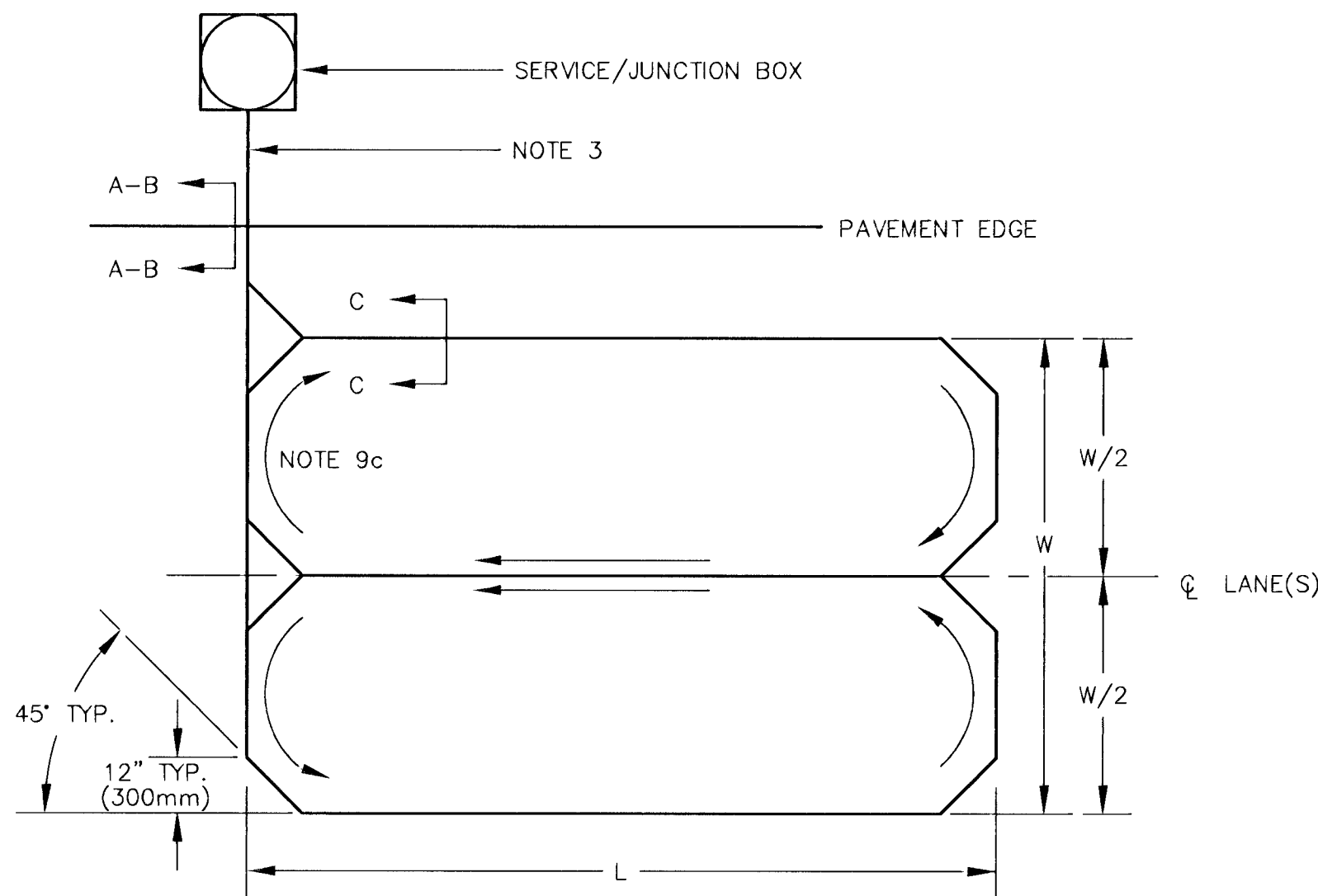
Detail A – No Curb & Gutter



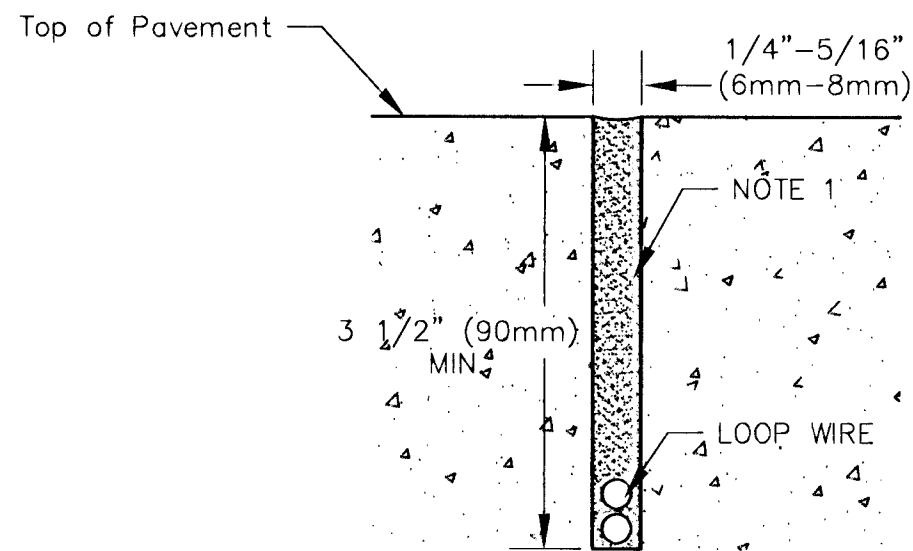
Detail B – Full Curb & Gutter



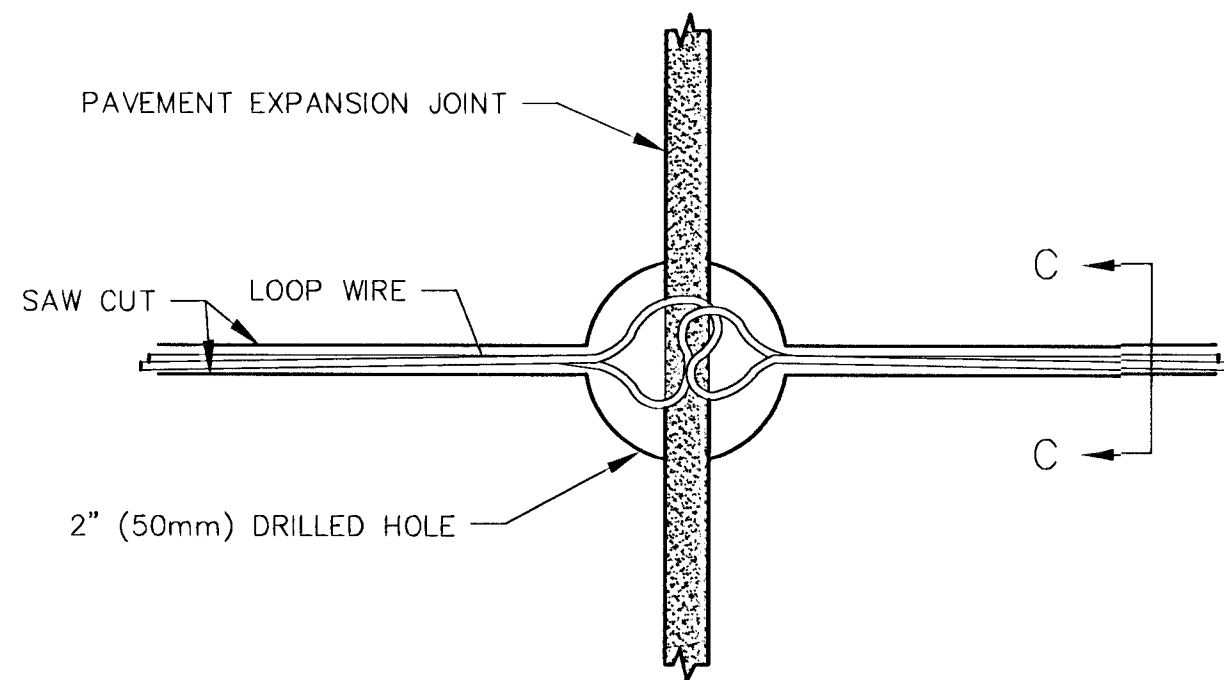
Typical Quadrapole Loop Installation



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. Quadrapole 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"

REV. DATE	COMMENTS	INT

PROJECT NUMBER 472-83131	SHEET NAME LOOP-DTL	ENGINEERING DIRECTORY F:\37woodlawn\traffic
DESIGN STAFF	DRAWN STAFF	APPROVED STAFF
DATE April 01	SCALE NONE	BAUGHMAN NO 99-04-E338

STREET IMPROVEMENTS
LOOP DETAIL
BRUSH CREEK 3RD ADDITION

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

SHEET
17
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