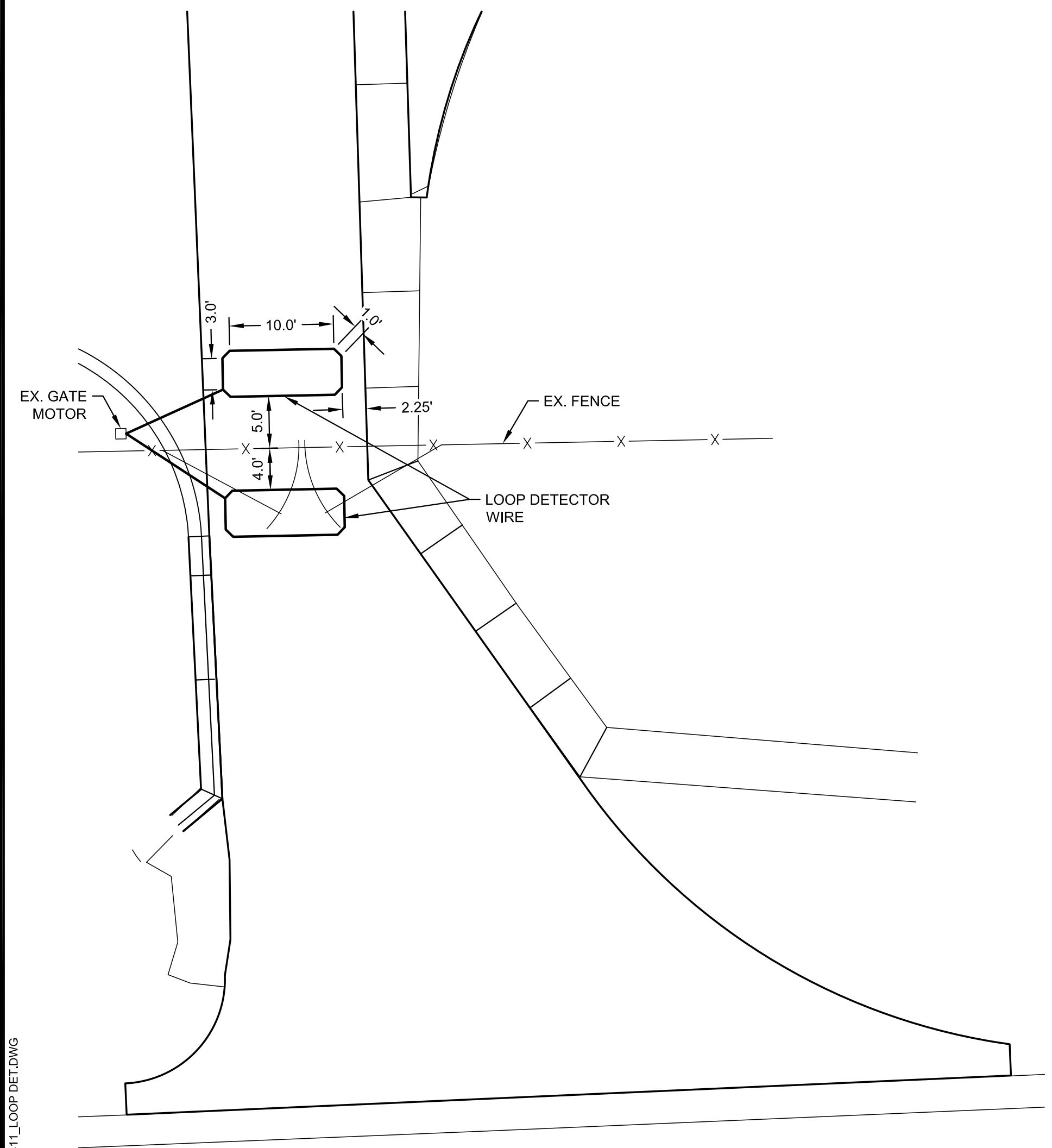
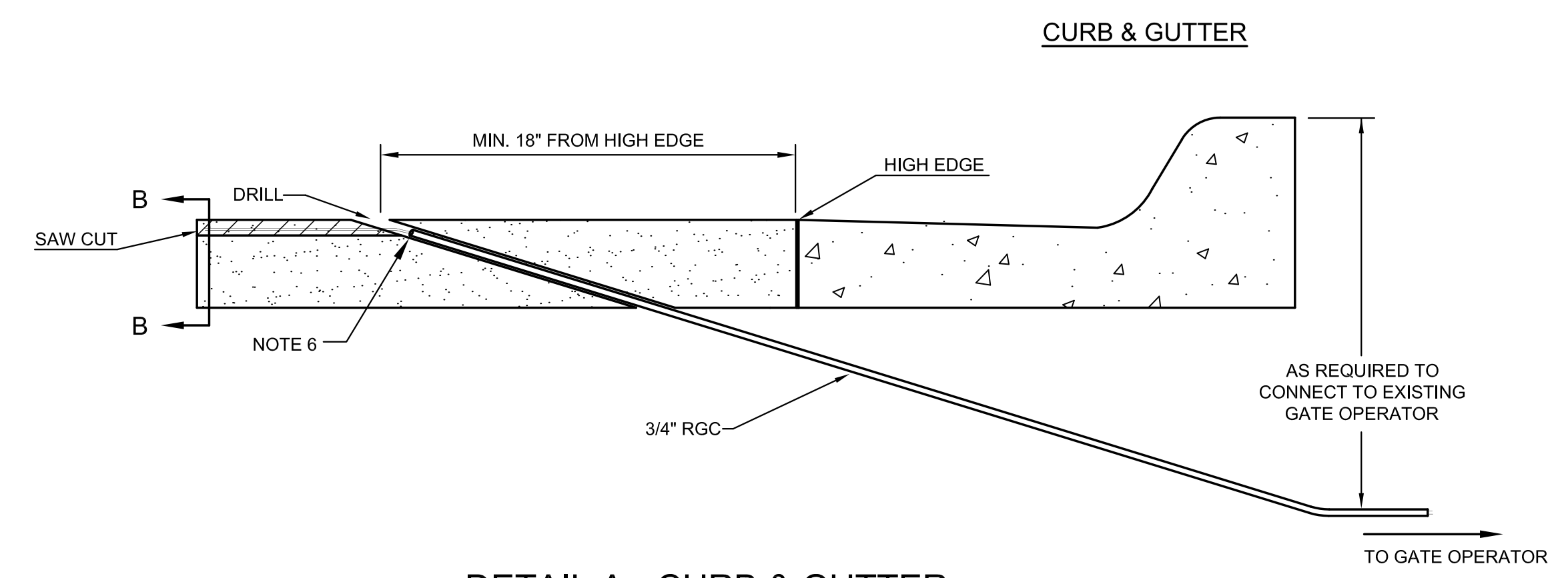


PLOTED: Tuesday, November 06, 2018 @ 08:17PM

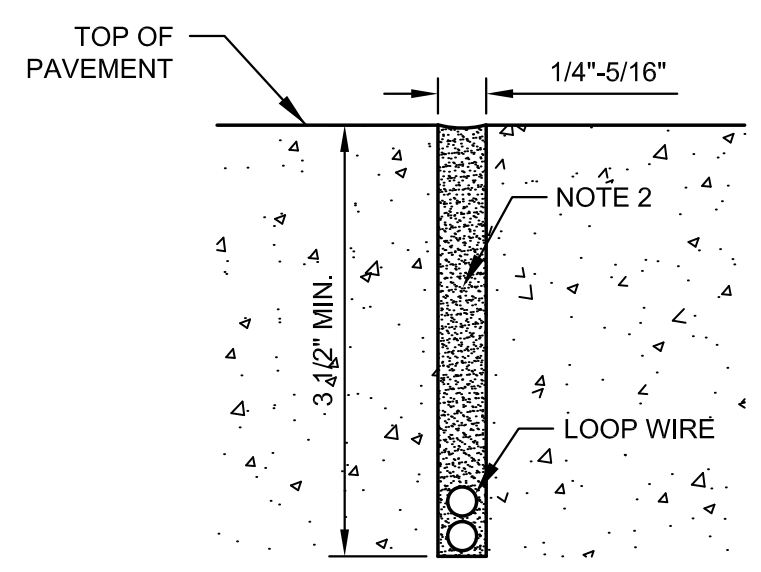
J:\PROJECTS\2018\1601010411_COW_ONCALLSERVICES_160411 CAD CHENEY PUMP STATION\SHOTS\505 CIVIL\PAV\16411_LOOP DET.DWG



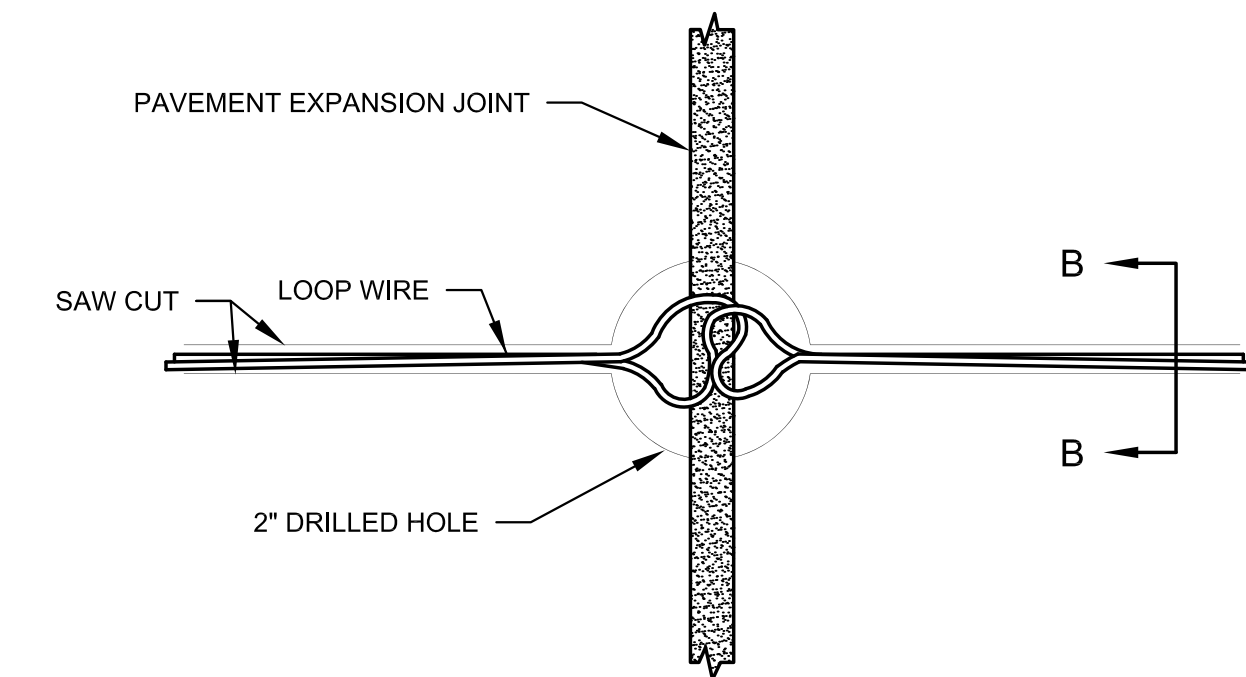
LOOP DETECTOR PLAN
SCALE: 1"=10'



DETAIL A - CURB & GUTTER



DETAIL B - SAW CUT



DETAIL C - PAVEMENT JOINT CROSSING

LOOP DETECTOR WIRE INSTALLATION DETAILS

NOTES:

1. REFER TO CITY OF WICHITA TRAFFIC SIGNAL SPECIFICATIONS FOR ADDITIONAL INFORMATION.
2. DISCONNECT WIRES FROM DEVICE PRIOR TO BEGINNING ANY PAVEMENT REMOVAL IN THIS AREA.
3. LOOP SAW CUT SHALL BE FILLED WITH APPROVED SEALANT TO WITHIN 1/8" OF PAVEMENT SURFACE.
4. ALL LOOPS SHALL BE WOUND IN THE SAME DIRECTION.
5. LOOP WIRE BETWEEN THE LOOP AND THE SERVICE/JUNCTION BOX SHALL BE TWISTED 6 TURNS PER METER.
6. NO EXPANSION JOINT IN THE PAVEMENT OR CURB & GUTTER SHALL BE UTILIZED IN THE PLACEMENT OF LOOP WIRE RUNS OR CONDUIT EMBEDDING.
7. ALL CONDUIT ENDS SHALL BE SEALED WITH DUCT SEAL TO PREVENT LOOP SEALANT FROM ENTERING CONDUIT.
8. LOOP FEEDER CONDUIT SHALL BE A MINIMUM OF 12" FROM ANY OTHER LOOP FEEDER CONDUIT.
9. SAW CUTS RUNNING PARALLEL WITH EXPANSION JOINT OR ANY OTHER SAW CUT SHALL BE A MINIMUM OF 12" APART.
10. THE LOOP WIRE SHALL HAVE 2" SLACK AT ALL CROSSINGS OF PAVEMENT EXPANSION JOINTS TO ALLOW FOR EXPANSION/CONTRACTION OF PAVEMENT. - "DETAIL C"
11. REMOVE EXISTING LOOP WIRE AND REPLACE WITH LIKE WIRE. INSTALL THE LOOP WIRE TO MATCH THE EXISTING WIRE PLACEMENT. CONTRACTOR SHALL PAY ATTENTION TO EXISTING WIRE PLACEMENT WHEN REMOVING.
12. ALL WASTE ASSOCIATED WITH INSTALLATION OF LOOP DETECTORS, INCLUDING SAW CUTS IS SUBSIDIARY TO THE BID ITEM "GATE SIGNAL LOOP REPLACED".

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LOOP DETECTOR DETAILS

PROJECT NO.	448-90934	
DATE	NOV. 2018	
SCALE	NTS	
DESIGNED	DRAWN	CHECKED
SLF	BKS	SLF

NO.	REVISION	DATE