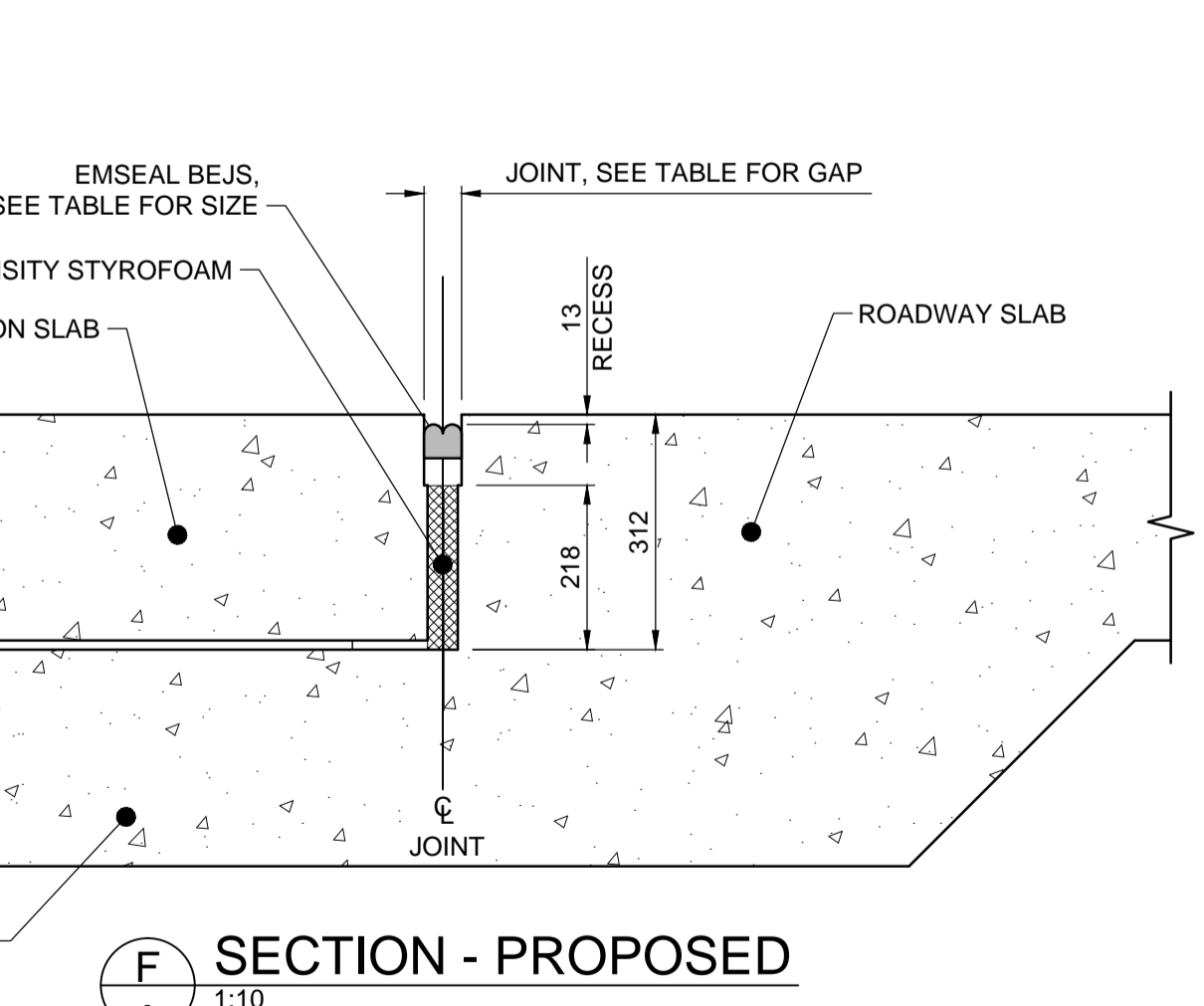
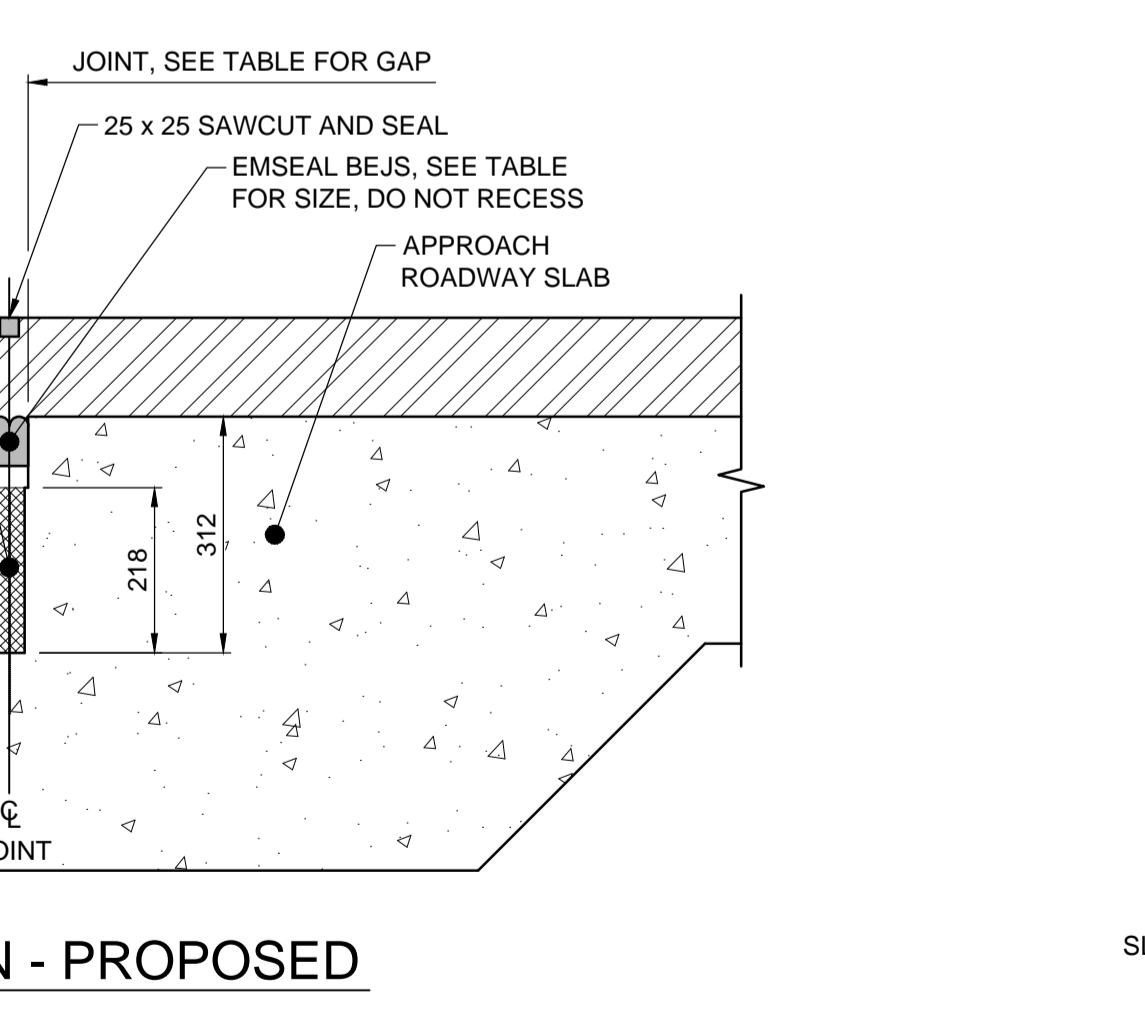
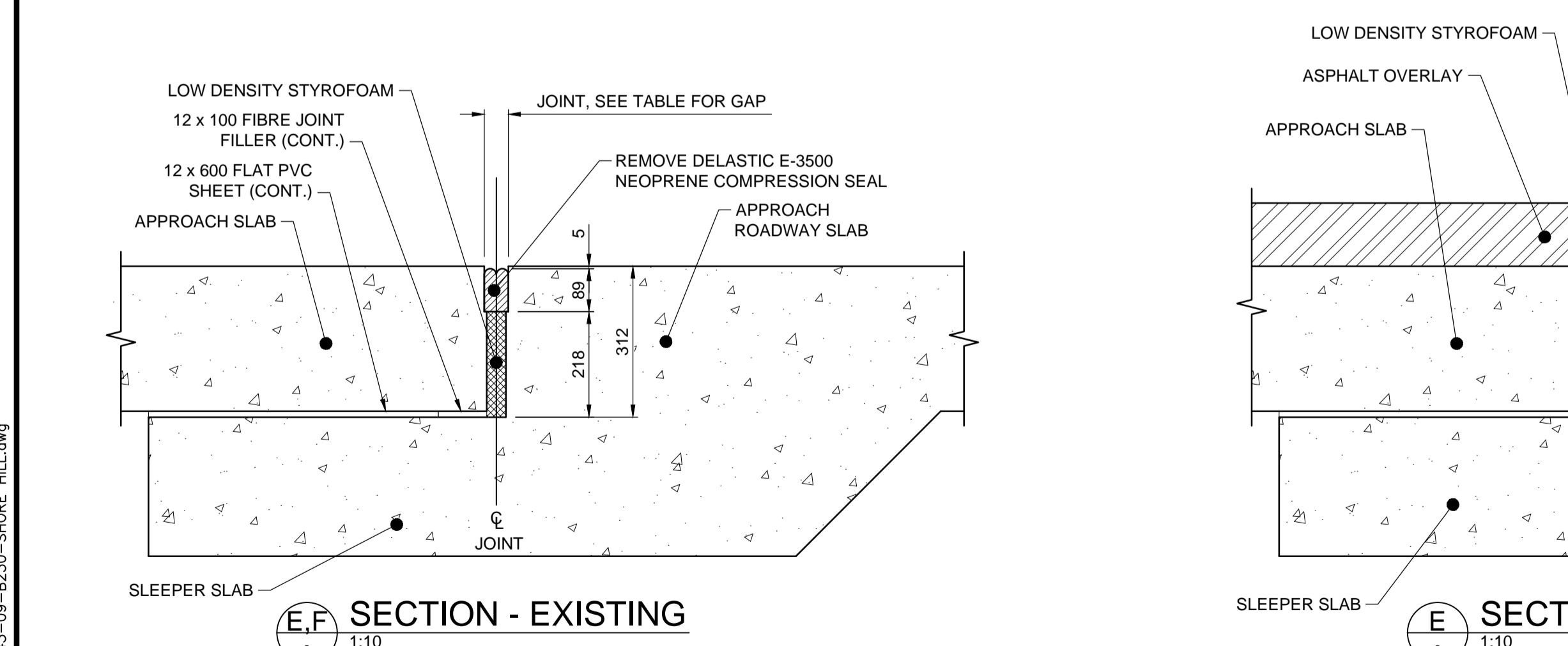


JOINT LOCATION	MEASURED GAP @ 20°C (SEE NOTE 1)	REPLACEMENT JOINT SEAL
WEST EXPANSION JOINT	28mm - 35mm	EMSEAL BEJS 38mm WIDE
WEST ROTATION JOINT	12mm - 20mm	EMSEAL BEJS 20mm WIDE
ROADWAY EXPANSION JOINT	15mm - 25mm	EMSEAL BEJS 25mm WIDE

- NOTES:**
- CONTRACTOR SHALL FIELD VERIFY JOINT GAP WIDTH FOLLOWING REMOVAL OF EXISTING JOINT MATERIALS.
 - JOINT SEAL INSTALLATION IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.



WARNING

- IF POWER EQUIPMENT OR EXPLOSIVES ARE TO BE USED FOR EXCAVATION ON THIS PROJECT THE CONTRACTOR MUST:
- NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.
 - TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS SEE PROVINCIAL REGULATION 210/72 FOR DETAILS.
 - OBTAIN EXCAVATION PERMITS PRIOR TO CONSTRUCTION.

METRIC

WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

APEGM
Certificate of Authorization
Dillon Consulting Limited (MB)
No. 1789 Date: JULY 20, 2015

150 W.M.	WATERMAIN	150 W.M.	HYDRO	HYDRO	HYDRO	150 mm W.M.	WATERMAIN	150 mm W.M.
+	HYDRANT	+	MTS	MTS	+	+	HYDRANT	+
+	VALVE	+	+	+	+	+	VALVE	+
300 LDS	LAND DRAINAGE SEWER	300 LDS	+	+	300 mm L.D.S.	+	LAND DRAINAGE SEWER	300 mm L.D.S.
250 WWS	WASTE WATER SEWER	250 WWS	+	+	250 mm W.W.S.	+	WASTE WATER SEWER	250 mm W.W.S.
○	MANHOLE	●	---	---	---	---	PROFILE	---
□	CATCH BASIN	■	---	---	---	---	NORTH/WEST GUTTER	---
▽	CURB INLET	▽	---	---	---	---	SOUTH/EAST GUTTER	---
---	JUNCTIONS	---	---	---	---	---	NORTH/WEST T/LANE	---
---	CULVERT	---	---	---	---	---	SOUTH/EAST T/LANE	---
100 GAS	GAS	100 GAS	---	---	---	---	---	---
---	EXISTING	---	---	---	---	---	---	---
---	LEGEND-PLAN	---	---	---	---	---	---	---
---	PROPOSED	---	---	---	---	---	---	---
---	EXISTING	---	---	---	---	---	---	---
---	LEGEND-PROFILE	---	---	---	---	---	---	---
---	PROPOSED	---	---	---	---	---	---	---
---	EXISTING	---	---	---	---	---	---	---

UNDERGROUND STRUCTURES	B.M. ELEV.	DESIGNED BY	ENGINEER'S SEAL
DATE		CDW	
SUPPLY, U/G STRUCTURES COMMITTEE		DRAWN BY	
DATE		KMB	
DATE		CDW	
DATE		CDW	APPROVED BY
DATE		CDW	CDW
DATE		CDW	HOR. SCALE
DATE		CDW	AS SHOWN
DATE		CDW	VERTICAL
DATE		CDW	AS SHOWN
DATE		CDW	CONSULTANT PROJECT NUMBER
DATE		CDW	15-1743

DILLON CONSULTING

RELEASED FOR CONSTRUCTION

DATE

THE CITY OF WINNIPEG PUBLIC WORKS DEPARTMENT

2015 BRIDGE MAINTENANCE SHOREHILL DRIVE APPROACH ROADWAY WORKS

CITY DRAWING NUMBER B230-15-03

SHEET 3 OF 3

CONSULTANT DRAWING NUMBER C-03

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