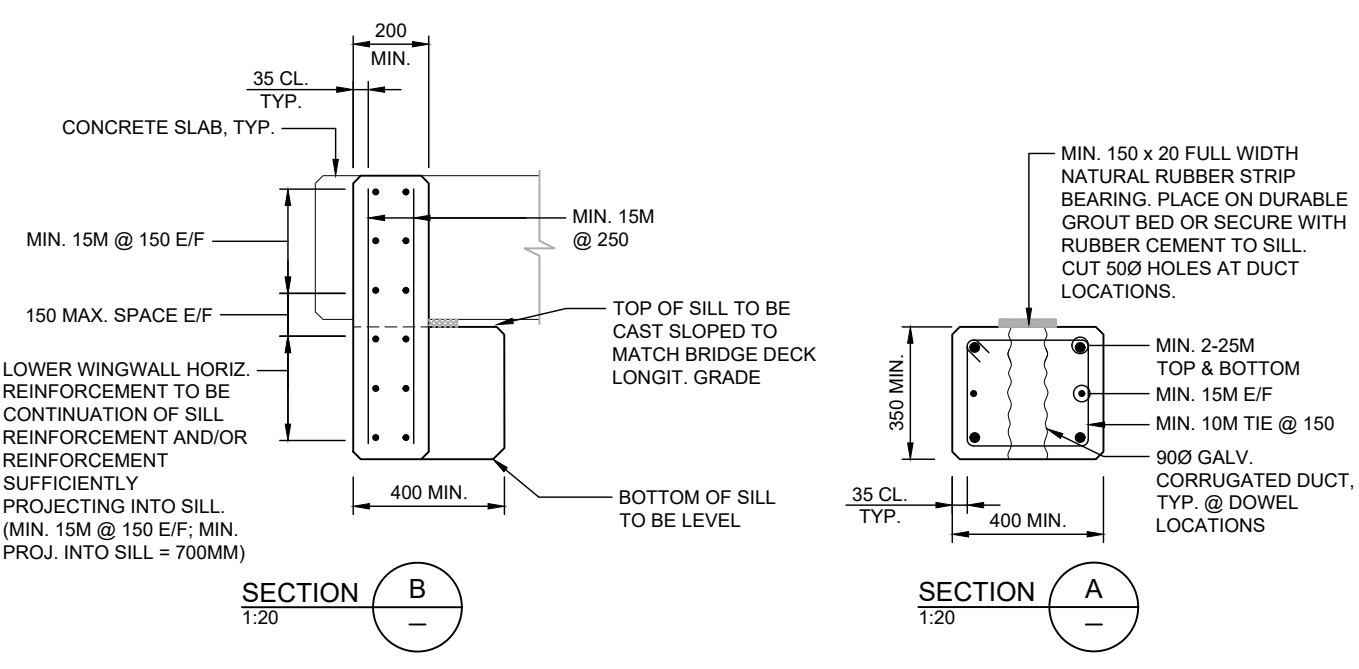
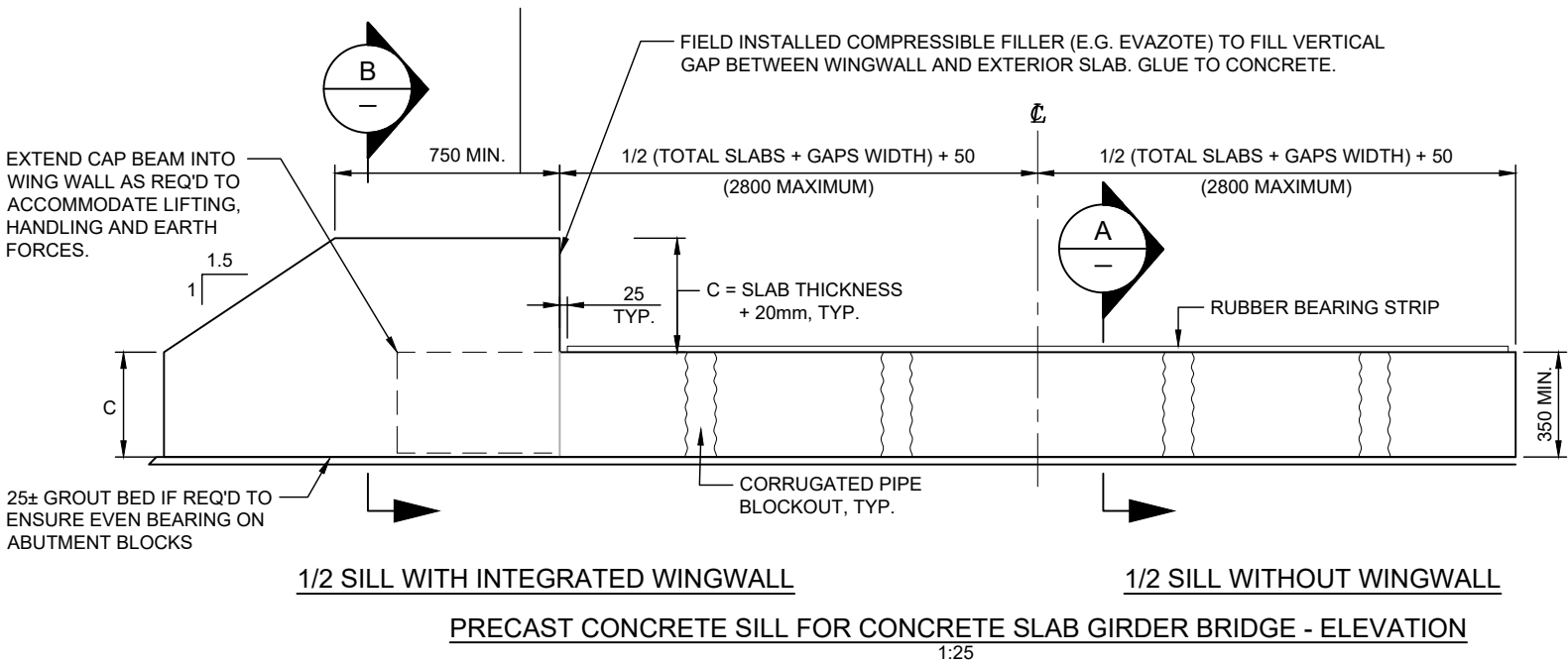
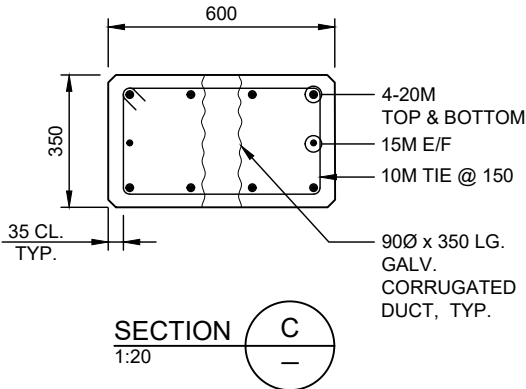
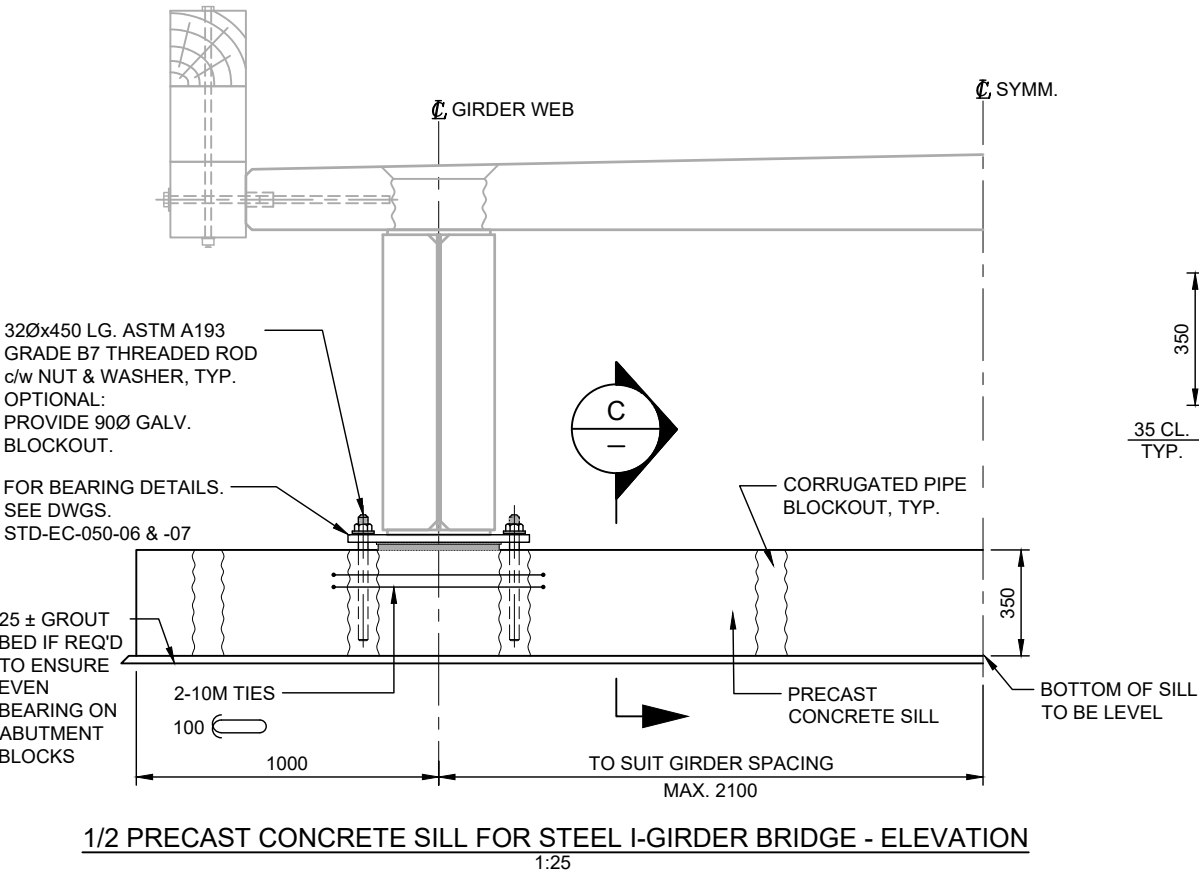


NOTE: THIS LENGTH TO BE INCREASED AS REQ'D TO ENSURE 300MM LEVEL ROAD GRADE BEHIND APPROACH BARRIERS (SEE STANDARD BARRIER DWGS). INCREASED LENGTH MAY BE REQ'D FOR SKEWED BRIDGES AND APPROACHES WITH HORIZONTAL CURVES.




NOTES:

- THE ENGINEER SHALL DESIGN THE WINGWALLS TO RESIST EARTH PRESSURE FORCES.
- LIFTING DEVICES AND LIFTING PROCEDURES TO BE DETERMINED BY ENGINEER AND SHOWN ON THE DETAILED DESIGN DWGS.
- NUMBER AND LOCATION OF GALV. CORRUGATED BLOCKOUTS SHALL SUIT LAYOUT OF SLAB GIRDERS, STEEL GIRDERS, SILLS, CONCRETE BLOCKS AND BEARING ASSEMBLIES AND SHALL BE AS PER THE FOLLOWING:
 - MIN. ONE BLOCKOUT ABOVE EACH CONCRETE BLOCK, WITH MATCHING HOLE IN BLOCK TO BE LOCATED > 250 FROM BLOCK EDGES AND > 250 FROM LIFTING CABLE AT CENTER OF BLOCK.
 - LOCATION AND MIN. NUMBER OF BLOCKOUTS (FOR DOWELS TO CONNECT SLAB GIRDERS TO SILLS) SHALL BE AS PER GENERAL NOTES STD-EC-070-01.



NOT FOR CONSTRUCTION
ASSUME NOT TO SCALE

SEAL - PROFESSIONAL OF RECORD	REV #	DATE	REVISION DESCRIPTION	DRAFTING	DESIGN	CHECK	PROF. OF RECORD	 Ministry of Forests, Lands, Natural Resource Operations and Rural Development STANDARD BRIDGE DRAWING
	0	MAR. 10, 2010	ORIGINAL DRAWING	E. FARJOO (ASSOC. ENG.)	H. DU (ASSOC. ENG.)	J. HENLEY (ASSOC. ENG.)	H. DU (ASSOC. ENG.)	
	1	APR. 12, 2021	GENERAL REVISION	N. HARVEY (CREEKSIDE)	M. PENNER (MINISTRY)	J. HENLEY (ASSOC. ENG.)	J. HENLEY (ASSOC. ENG.)	
								SUBSTRUCTURES
								SHEET 14 OF 21
								CONCEPTUAL CONCRETE SILLS FOR CONCRETE BLOCK ABUTMENTS
CHIEF ENGINEER (SIGNATURE)								DWG #: STD-EC-050-14

NOTE:
- BEARING PLATE TO BE BEVELED OR TOP OF SILL TO BE CAST SLOPED TO MATCH BRIDGE LONGITUDINAL GRADE.