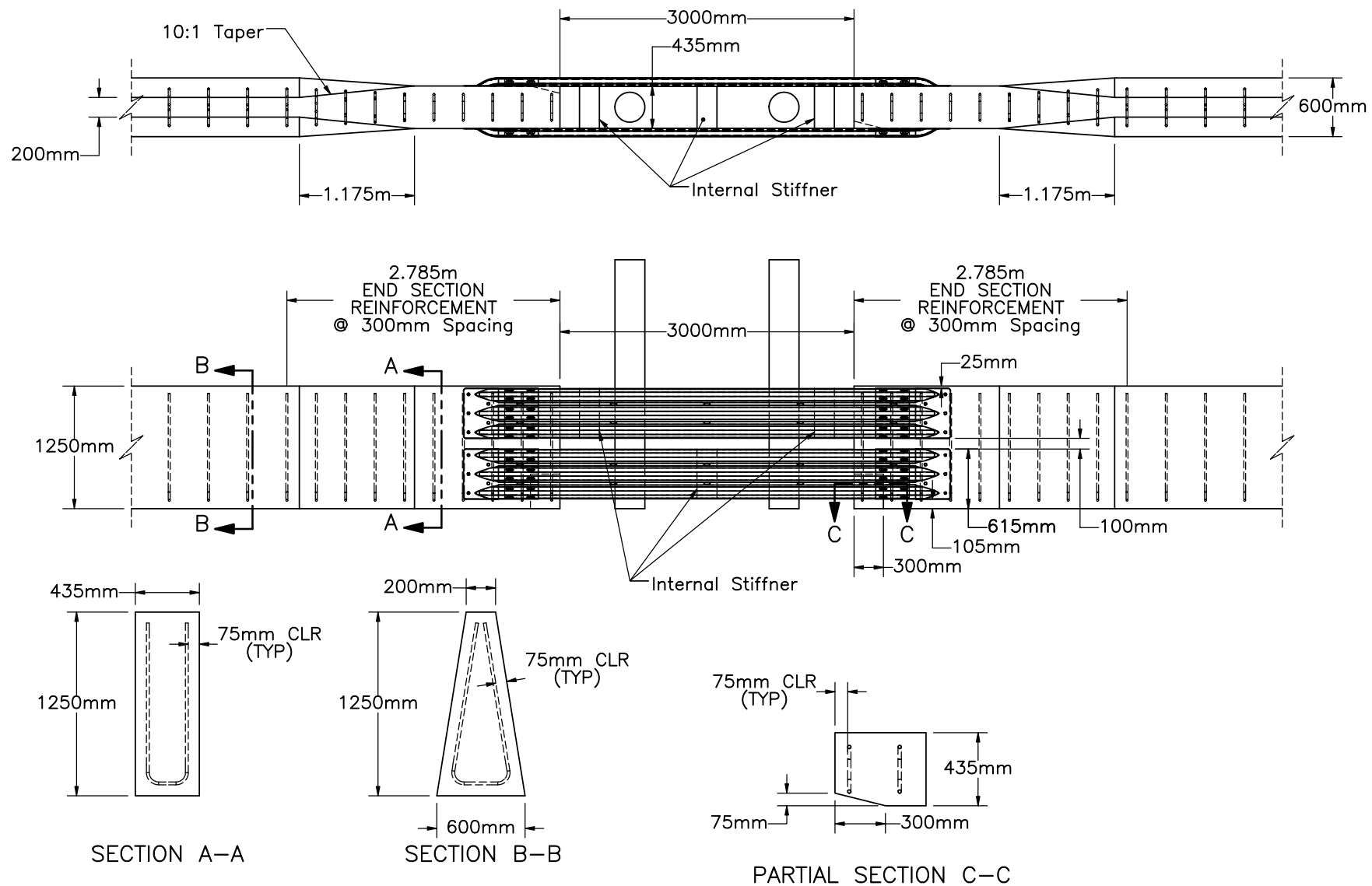
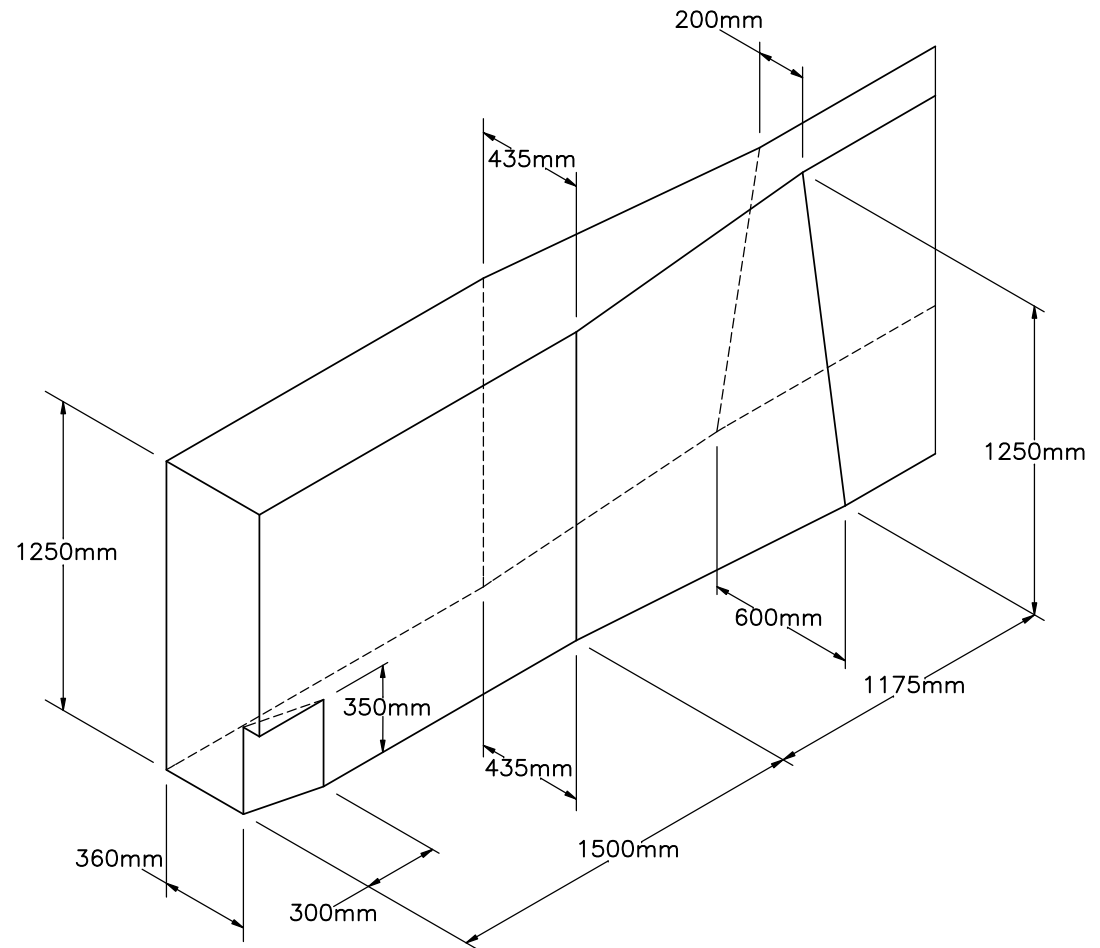
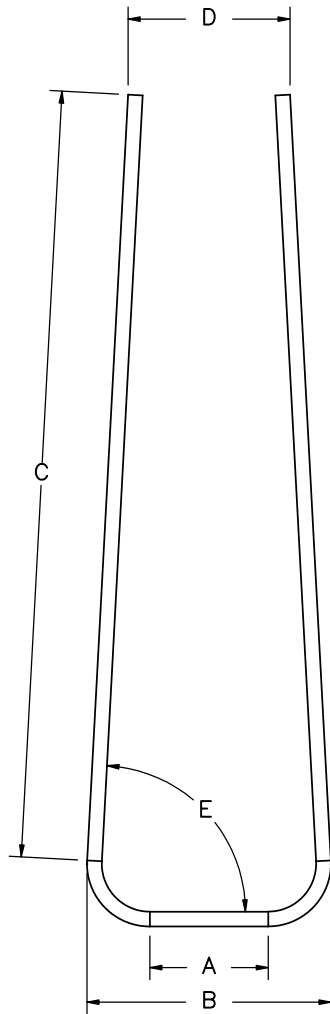




Notes:

- (1) 75mm clear cover all rebar.
- (2) All rebar Canadian metric steel Grade 400W.
- (3) Gap distance shown is for illustrating purposes. The final distance shall be determined in the field as centered on the overhead sign structure opening.
- (4) Longitudinal reinforcement not shown for clarity.
- (5) Minimum concrete compressive strength = 28MPa.
- (6) Place internal stiffeners to not conflict with members of sign structure support. Maximum distance between stiffners and concrete barrier to be 1,905mm.
- (7) Orient all splices between end shoes and rail elements to prevent vehicle snag.

 Midwest Roadside Safety Facility	Manitoba Sign Struction Protection W-Beam & Thrie Beam Guardrail Attached to Constrained-Width, Tall Wall Transition Layout		SHEET: 1 of 2
	DWG. NAME: Man_Median_SignTrans_R2	SCALE: 1:60 UNITS: in.[mm]	DATE: 8/26/2016 DRAWN BY: JEK REV. BY: SKR



Note:

- (1) Bars are numbered from the sign opening toward the median, bars 10+ are the standard median stirrup.
- (2) Concrete is mirrored on either side of the gap, but the toe cutout must remain on the downstream end of the barrier.

Bar	Size	A	B	C	D	E	Total Length
1-5	20M	119mm	285mm	1017mm	285mm	90°	2.383m
6	20M	128mm	294mm	1016mm	268mm	89°	2.392m
7	20M	157mm	323mm	1015mm	214mm	87°	2.424m
8	20M	185mm	351mm	1015mm	160mm	85°	2.458m
9	20M	213mm	379mm	1016mm	105mm	82°	2.495m
10+	20M	229mm	395mm	1018mm	72mm	81°	2.519m



Midwest Roadside
Safety Facility

Manitoba Sign Struction
Protection W-Beam &
Thrie Beam Guardrail
Attached to Constrained-
Width, Tall Wall
Rebar Detail

DWG. NAME.
Man_Median_SignTrans_R2

SCALE: 1:10
UNITS: in.[mm]

SHEET:
2 of 2

DATE:
8/26/2016

DRAWN BY:
JEK

REV. BY:
SKR