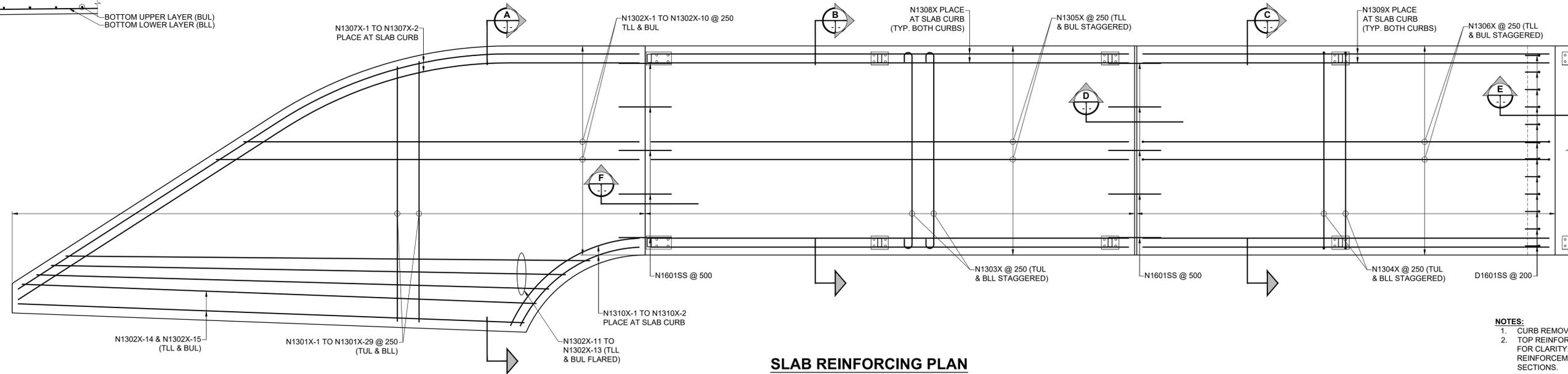
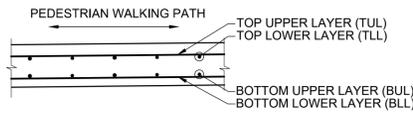


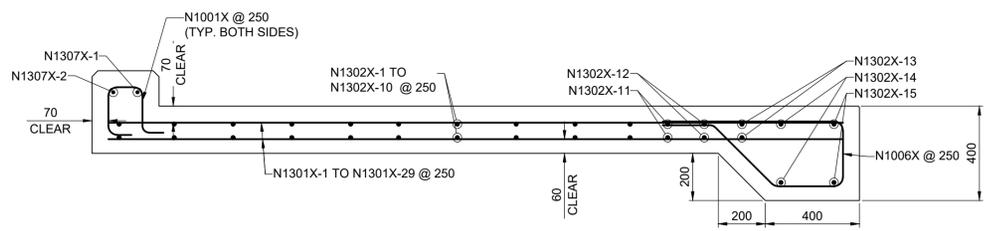
ISO A1 - 594mm x 841mm
 O:\Winnipeg\Proj\W160034\Drawings\06 Sheets\Detailed Design\Structural\Pedestrian Ramps\W160034 - DD NR BRG & SLAB ON GRADE.dwg
 Last Saved: 9/27/2018 10:40 AM by Y.Mehwal
 Plotted: 9/27/2018 10:40 AM by Alex Hopper

SLAB-ON-GRADE REINFORCEMENT LAYERS

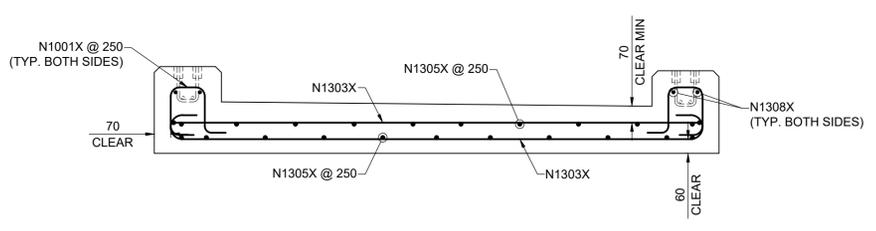


SLAB REINFORCING PLAN
 SLAB-ON-GRADE
 SCALE: 1:25

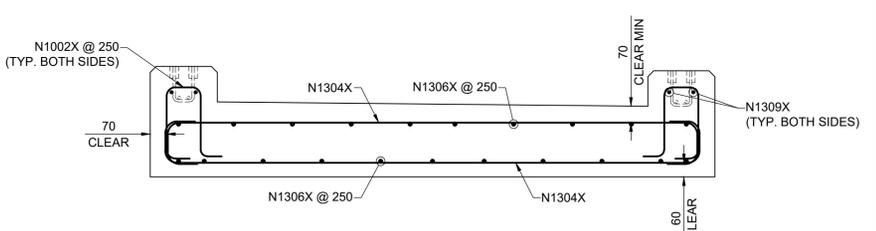
NOTES:
 1. CURB REMOVED FROM PLAN FOR CLARITY.
 2. TOP REINFORCEMENT LAYER ONLY SHOWN FOR CLARITY. FOR BOTTOM REINFORCEMENT LAYER SEE CROSS SECTIONS.



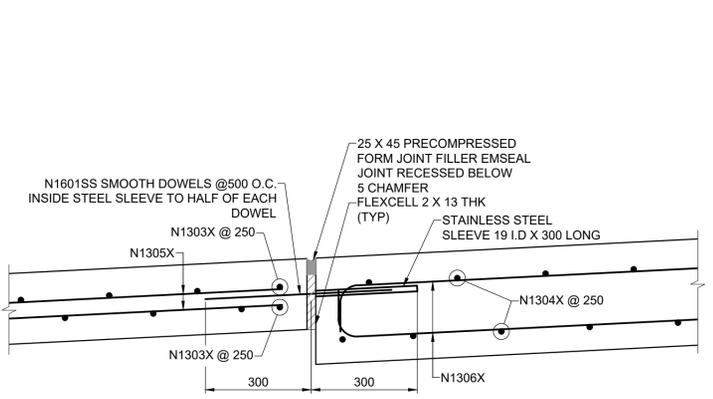
SECTION A
 SLAB LANDING REINFORCEMENT
 SCALE: 1:15



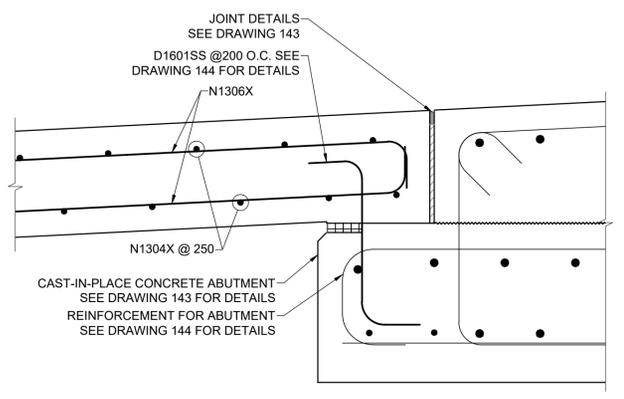
SECTION B
 SLAB REINFORCEMENT
 SCALE: 1:15



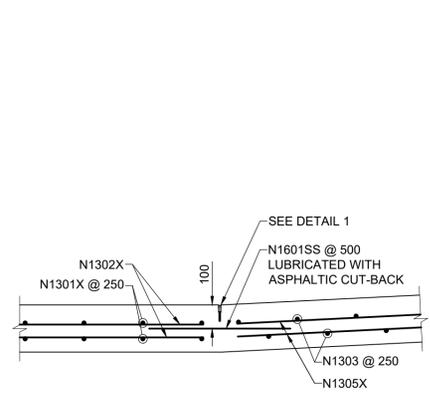
SECTION C
 SLAB REINFORCEMENT
 SCALE: 1:15



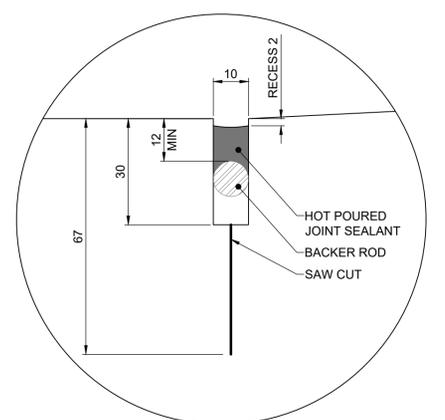
SECTION D
 SLAB CONTROL JOINT
 SCALE: 1:10



SECTION E
 SLAB AND ABUTMENT CONNECTION
 SCALE: 1:10



SECTION F
 SAWN LONGITUDINAL JOINT
 SCALE: 1:15



DETAIL 1
 SAWN JOINT DETAIL SD-212 AT MAX 2m INTERVALS
 SCALE: NTS



METRIC
 WHOLE NUMBERS INDICATE MILLIMETRES
 DECIMAL NUMBERS INDICATE METRES

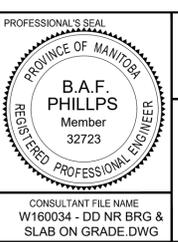
LOCATION APPROVED
 UNDERGROUND STRUCTURES

DATE: _____

NOTE:
 LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.

No.	REVISIONS	DATE	BY
B	ISSUED FOR TENDER	18/08/31	BAP
A	ISSUED FOR 95% DESIGN REVIEW	18/08/07	BAP

MORRISON HERSHFIELD		DESIGNED BY: YM		CHECKED BY: BAP	
DRAWN BY: ALP		APPROVED BY: BAP		RELEASED FOR CONSTRUCTION	
HOR SCALE: AS SHOWN		VERT SCALE: AS SHOWN		DATE: _____	



THE CITY OF WINNIPEG
 PUBLIC WORKS DEPARTMENT
 ENGINEERING DIVISION

EMPRESS STREET PROJECT
 PEDESTRIAN ACCESSIBILITY RAMPS
 NORTH RAMP
 SLAB ON GRADE REINFORCEMENT DETAILS

CITY DRAWING NUMBER: P-3494-149
 SHEET 149 OF 168
 DRAWING No. REV 149 B

BID OPPORTUNITY No. 602-2018