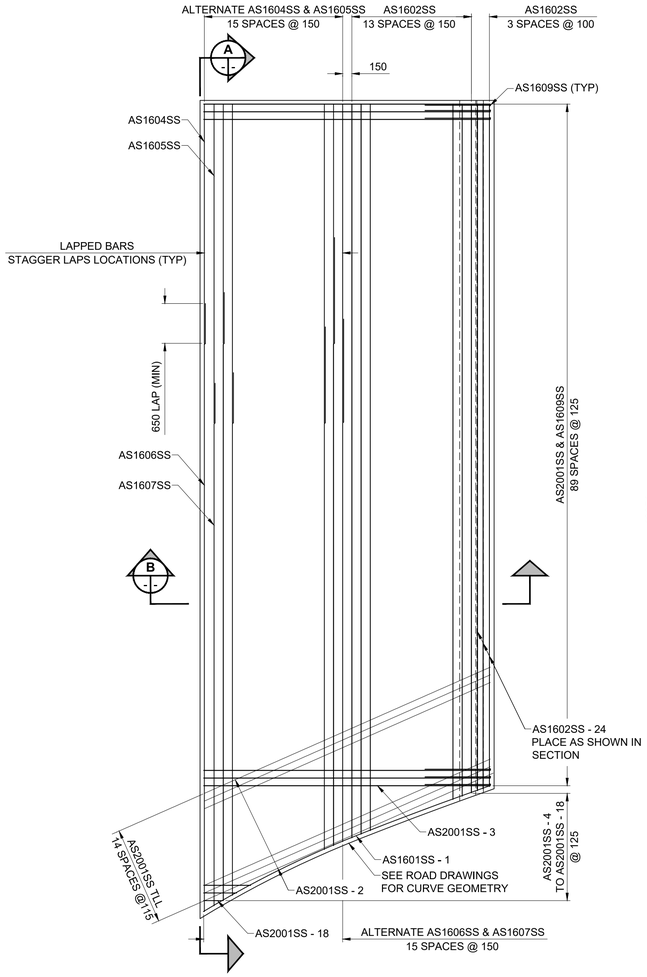
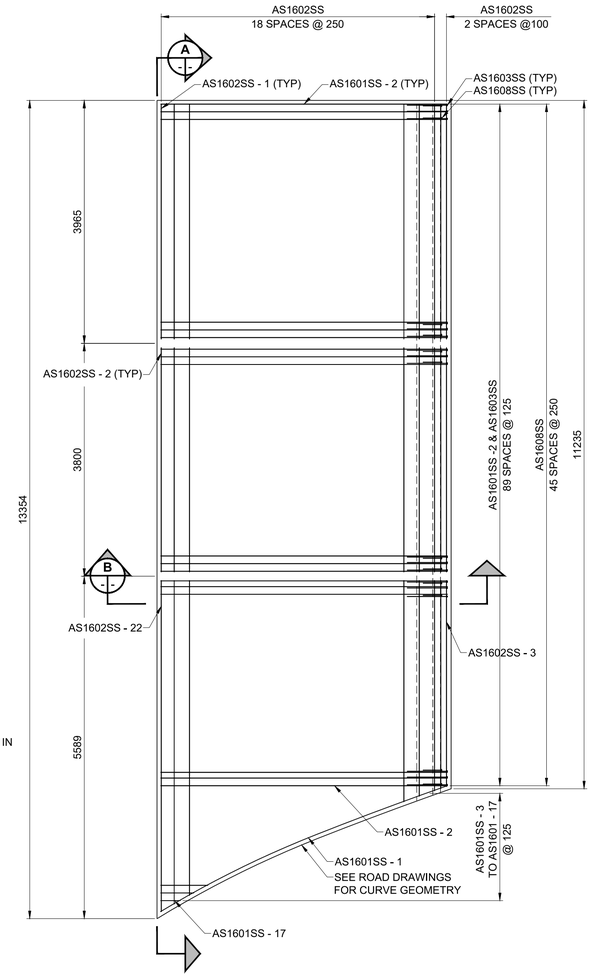


SOUTH APPROACH SLAB

SHOWING REINFORCING STEEL IN BOTTOM OF APPROACH SLAB
SCALE 1:50



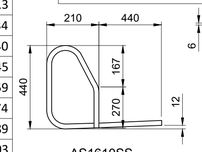
SOUTH APPROACH SLAB

SHOWING REINFORCING STEEL IN TOP OF APPROACH SLAB
SCALE 1:50

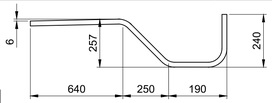
BILL OF REINFORCING STEEL (STAINLESS STEEL)

SOUTH APPROACH SLAB (AS)

MARK	TYPE	PIN DIAMETER	LENGTH	No.	MASS
AS1601SS-1	STR	-	5125	5	40.72
AS1601SS-2	STR	-	4680	93	691.60
AS1601SS-3	STR	-	4348	1	6.91
AS1601SS-4	STR	-	4002	1	6.36
AS1601SS-5	STR	-	3662	1	5.82
AS1601SS-6	STR	-	3329	1	5.29
AS1601SS-7	STR	-	3001	1	4.77
AS1601SS-8	STR	-	2679	1	4.26
AS1601SS-9	STR	-	2365	1	3.76
AS1601SS-10	STR	-	2067	1	3.28
AS1601SS-11	STR	-	1783	1	2.83
AS1601SS-12	STR	-	1513	1	2.40
AS1601SS-13	STR	-	1254	1	1.99
AS1601SS-14	STR	-	1006	1	1.60
AS1601SS-15	STR	-	768	1	1.22
AS1601SS-16	STR	-	539	1	0.86
AS1601SS-17	STR	-	320	1	0.51
AS1602SS-1	STR	-	3835	21	127.97
AS1602SS-2	STR	-	3660	21	122.13
AS1602SS-3	STR	-	3363	1	5.34
AS1602SS-4	STR	-	3396	1	5.40
AS1602SS-5	STR	-	3432	1	5.45
AS1602SS-6	STR	-	3521	1	5.59
AS1602SS-7	STR	-	3612	1	5.74
AS1602SS-8	STR	-	3704	1	5.89
AS1602SS-9	STR	-	3797	1	6.03
AS1602SS-10	STR	-	3892	1	6.18
AS1602SS-11	STR	-	3987	1	6.34
AS1602SS-12	STR	-	4085	1	6.49
AS1602SS-13	STR	-	4183	1	6.65
AS1602SS-14	STR	-	4285	1	6.81
AS1602SS-15	STR	-	4392	1	6.98
AS1602SS-16	STR	-	4504	1	7.16
AS1602SS-17	STR	-	4621	1	7.34
AS1602SS-18	STR	-	4743	1	7.54
AS1602SS-19	STR	-	4869	1	7.74
AS1602SS-20	STR	-	5001	1	7.95
AS1602SS-21	STR	-	5139	1	8.17
AS1602SS-22	STR	-	5311	1	8.44
AS1602SS-23	STR	-	5405	1	8.59
AS1602SS-24	STR	-	11138	4	70.79
AS1603SS	BENT	90	1075	90	153.74
AS1604SS	STR	-	3905	15	93.08
AS1605SS	STR	-	5205	15	124.06
AS1606SS	STR	-	9925	15	236.56
AS1607SS	STR	-	8531	15	203.34
AS1608SS	BENT	90	1150	46	84.06
AS1609SS	BENT	90	1375	90	196.64
AS1610SS	BENT	90	1600	40	101.70
AS2001SS-1	BENT	100	5320	1	8.45
AS2001SS-2	BENT	100	5305	15	197.51
AS2001SS-3	BENT	100	4880	90	1090.09
AS2001SS-4	BENT	100	4550	1	11.29
AS2001SS-5	BENT	100	4200	1	10.42
AS2001SS-6	BENT	100	3860	1	9.58
AS2001SS-7	BENT	100	3530	1	8.76
AS2001SS-8	BENT	100	3200	1	7.94
AS2001SS-9	BENT	100	2880	1	7.15
AS2001SS-10	BENT	100	2565	1	6.37
AS2001SS-11	BENT	100	2265	1	5.62
AS2001SS-12	BENT	100	1980	1	4.91
AS2001SS-13	BENT	100	1710	1	4.24
AS2001SS-14	BENT	100	1455	1	3.61
AS2001SS-15	BENT	100	1205	1	2.99
AS2001SS-16	BENT	100	970	1	2.41
AS2001SS-17	BENT	100	740	1	1.84
AS2001SS-18	BENT	100	520	1	1.29
				Total Mass of Reinforcing Steel (kg):	3824.52

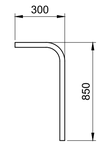


AS1610SS



AS1609SS

AS1603SS



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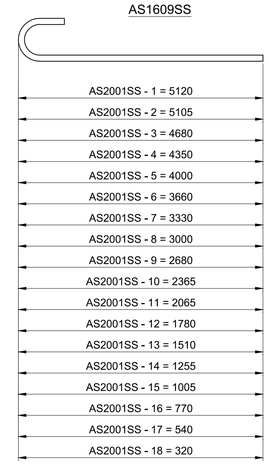
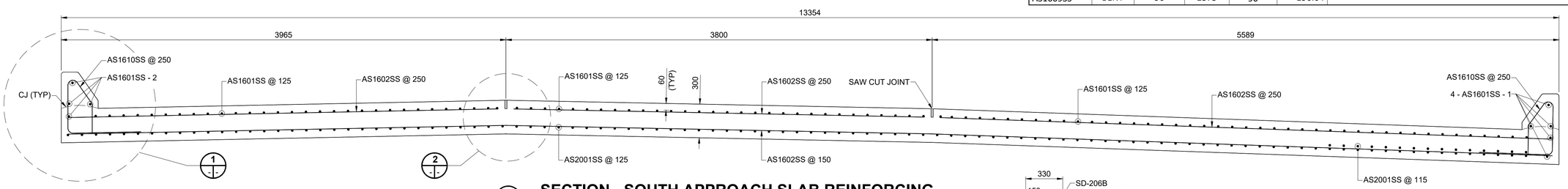
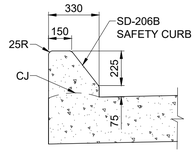


AS2001SS - 1 TO AS2001SS -18



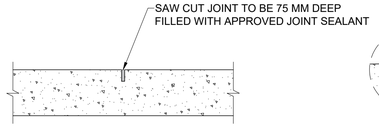
SECTION - SOUTH APPROACH SLAB REINFORCING

SCALE: 1:20



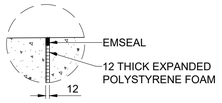
DETAIL

SCALE: 1:20



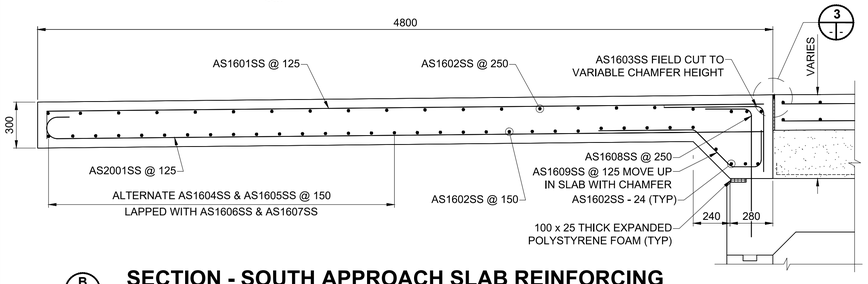
DETAIL

SCALE: 1:20



DETAIL

SCALE: 1:10



SECTION - SOUTH APPROACH SLAB REINFORCING

SCALE: 1:20

TENDER No. 24-2020

ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
MORRISON HERSHFIELD
No. 1736

LOCATION APPROVED
UNDERGROUND STRUCTURES

SUPR. U/G STRUCTURES COMMITTEE — 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.

BM 23-018 ELEV 235.300 m — S.E. Cor. Notre Dame Ave. & Sherwin Rd., Tblt. in W. Conc. foundation No. 2070 Notre Dame Ave., 0.8 m S. & 0.7 m below Conc. block of N.W. Cor. of bldg.

No.	REVISIONS	YY/MM/DD	BY
D	ISSUED FOR TENDER	20/07/15	BE
C	ISSUED FOR 100% REVIEW	20/07/10	BE
B	ISSUED FOR 95% REVIEW	20/05/26	BE
A	ISSUED FOR 50% REVIEW	20/04/08	BE

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

MORRISON HERSHFIELD

DESIGNED BY	TN	CHECKED BY	AGG
DRAWN BY	AH	APPROVED BY	BE
HOR SCALE / VERT SCALE	AS SHOWN	RELEASED FOR CONSTRUCTION	
DATE		DATE	

PROFESSIONAL'S SEAL
PRELIMINARY DRAWING
NOT TO BE USED FOR CONSTRUCTION

CONSULTANT FILE NAME
1903811 - SHERWIN - CONCRETE ROAD SLAB DETAILS.DWG

Winnipeg
THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

RECONSTRUCTION OF SHERWIN ROAD AND REPLACEMENT OF EXISTING CULVERT AT OMAND'S CREEK

SOUTH APPROACH SLAB CONCRETE AND REINFORCING DETAILS

CITY DRAWING NUMBER: C319-20-13
SHEET 13 OF 44
DRAWING No. 13
REV

ISO A1 - 594mm x 841mm
P:\2019\1903811\00-Sherwin Road Reconstruction\09_CAD\07 Sheets\Structural\1903811 - Sherwin - Concrete Road Slab Details.dwg Last Saved: 7/15/2020 10:32 AM by AHeppner Plotted: 7/15/2020 11:00 AM by Alex Heppner