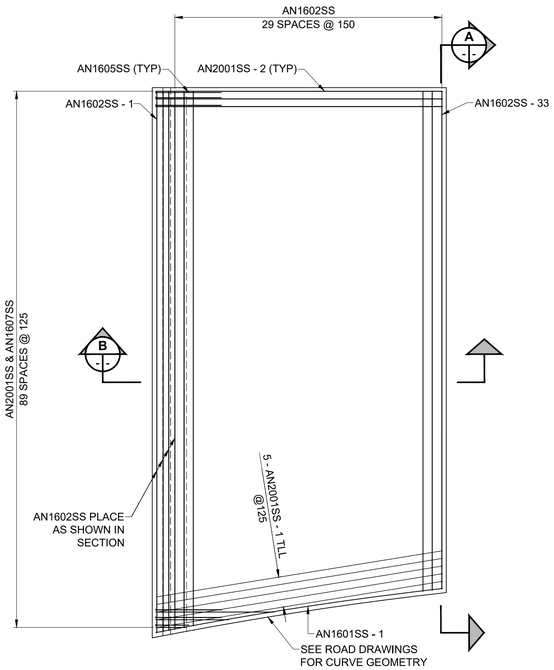
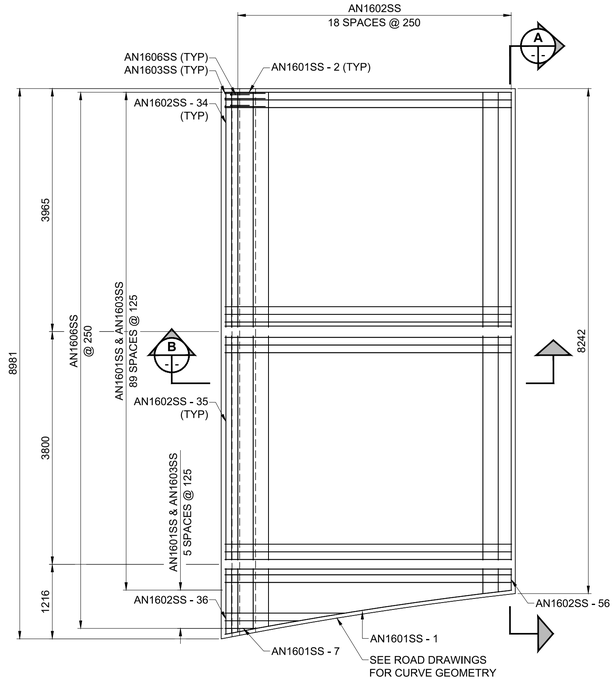


NORTH APPROACH SLAB

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



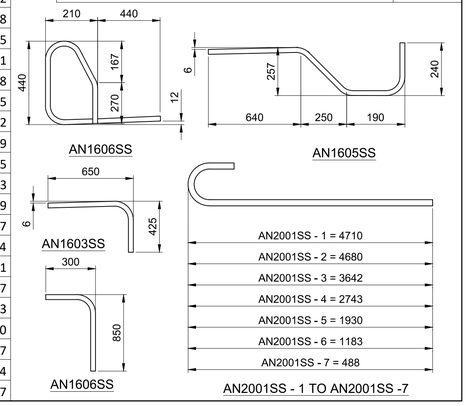
NORTH APPROACH SLAB

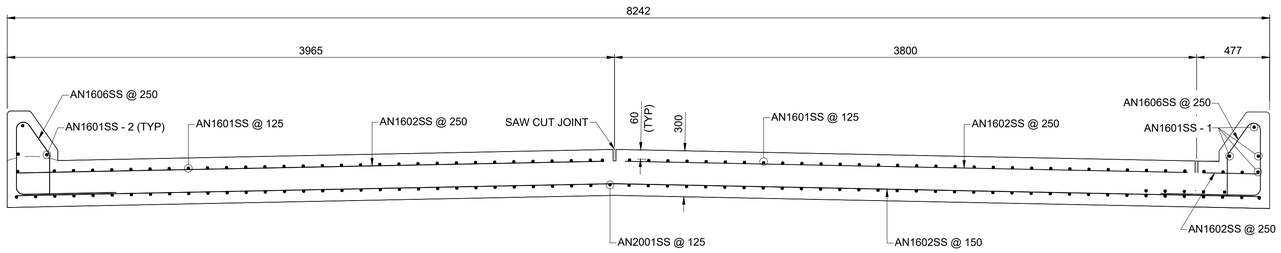
SHOWING REINFORCING STEEL IN TOP OF APPROACH SLAB
SCALE 1:50

BILL OF REINFORCING STEEL (STAINLESS STEEL)

NORTH APPROACH SLAB (AN)

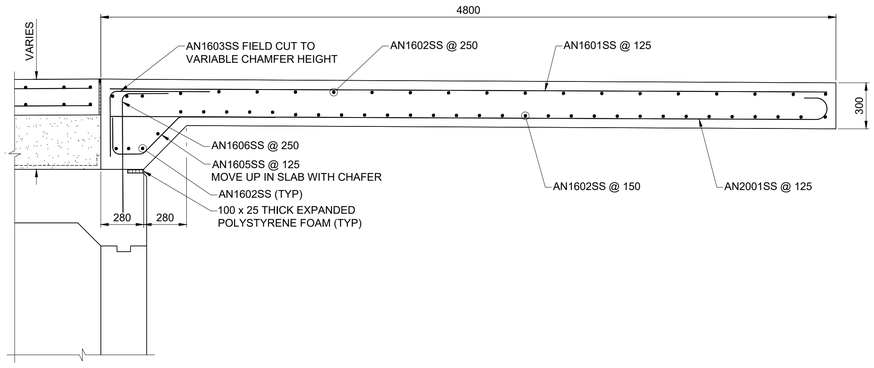
MARK	TYPE	PIN DIAMETER	LENGTH	No.	MASS
AN1601SS-1	STR	-	4736	5	37.63
AN1601SS-2	STR	-	4680	67	498.25
AN1601SS-3	STR	-	3681	1	5.85
AN1601SS-4	STR	-	2777	1	4.41
AN1601SS-5	STR	-	1961	1	3.12
AN1601SS-6	STR	-	1211	1	1.92
AN1601SS-7	STR	-	514	1	0.82
AN1602SS-1	STR	-	8440	1	13.41
AN1602SS-2	STR	-	8820	1	14.01
AN1602SS-3	STR	-	8802	1	13.99
AN1602SS-4	STR	-	8783	1	13.96
AN1602SS-5	STR	-	8755	1	13.91
AN1602SS-6	STR	-	8727	1	13.87
AN1602SS-7	STR	-	8700	1	13.82
AN1602SS-8	STR	-	8673	1	13.78
AN1602SS-9	STR	-	8646	1	13.74
AN1602SS-10	STR	-	8620	1	13.70
AN1602SS-11	STR	-	8594	1	13.66
AN1602SS-12	STR	-	8569	1	13.62
AN1602SS-13	STR	-	8544	1	13.58
AN1602SS-14	STR	-	8519	1	13.54
AN1602SS-15	STR	-	8495	1	13.50
AN1602SS-16	STR	-	8471	1	13.46
AN1602SS-17	STR	-	8448	1	13.42
AN1602SS-18	STR	-	8425	1	13.39
AN1602SS-19	STR	-	8402	1	13.35
AN1602SS-20	STR	-	8380	1	13.32
AN1602SS-21	STR	-	8358	1	13.28
AN1602SS-22	STR	-	8336	1	13.25
AN1602SS-23	STR	-	8315	1	13.21
AN1602SS-24	STR	-	8294	1	13.18
AN1602SS-25	STR	-	8274	1	13.15
AN1602SS-26	STR	-	8254	1	13.12
AN1602SS-27	STR	-	8235	1	13.09
AN1602SS-28	STR	-	8215	1	13.05
AN1602SS-29	STR	-	8197	1	13.03
AN1602SS-30	STR	-	8178	1	12.99
AN1602SS-31	STR	-	8160	1	12.97
AN1602SS-32	STR	-	8142	1	12.94
AN1602SS-33	STR	-	8124	1	12.91
AN1602SS-34	STR	-	3835	21	127.97
AN1602SS-35	STR	-	3660	21	122.13
AN1602SS-36	STR	-	1070	1	1.70
AN1602SS-37	STR	-	1052	1	1.67
AN1602SS-38	STR	-	1032	1	1.64
AN1602SS-39	STR	-	985	1	1.57
AN1602SS-40	STR	-	939	1	1.49
AN1602SS-41	STR	-	894	1	1.42
AN1602SS-42	STR	-	850	1	1.35
AN1602SS-43	STR	-	807	1	1.28
AN1602SS-44	STR	-	766	1	1.22
AN1602SS-45	STR	-	725	1	1.15
AN1602SS-46	STR	-	685	1	1.09
AN1602SS-47	STR	-	647	1	1.03
AN1602SS-48	STR	-	610	1	0.97
AN1602SS-49	STR	-	573	1	0.91
AN1602SS-50	STR	-	538	1	0.85
AN1602SS-51	STR	-	504	1	0.80
AN1602SS-52	STR	-	471	1	0.75
AN1602SS-53	STR	-	439	1	0.70
AN1602SS-54	STR	-	408	1	0.65
AN1602SS-55	STR	-	378	1	0.60
AN1602SS-56	STR	-	354	1	0.56
AN1603SS	BENT	90	1075	71	121.28
AN1604SS	BENT	90	1150	36	65.78
AN1605SS	BENT	90	1375	44	96.13
AN1606SS	BENT	90	1600	39	99.15
AN2001SS-1	BENT	100	4913	5	60.97
AN2001SS-2	BENT	100	4880	66	799.40
AN2001SS-3	BENT	100	3842	1	9.54
AN2001SS-4	BENT	100	2943	1	7.30
AN2001SS-5	BENT	100	2130	1	5.29
AN2001SS-6	BENT	100	1383	1	3.43
AN2001SS-7	BENT	100	688	1	1.71
TOTAL MASS OF REINFORCING STEEL (kg):					2538.65





SECTION - NORTH APPROACH SLAB REINFORCING

SCALE: 1:20



SECTION - NORTH APPROACH SLAB REINFORCING

SCALE: 1:20

TENDER No. 24-2020

ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
MORRISON HERSHFIELD
No. 1736

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

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 BIEFORE 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

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

NORTH APPROACH SLAB CONCRETE AND REINFORCING DETAILS

CITY DRAWING NUMBER: C319-20-15
SHEET 15 OF 44
DRAWING No. 15
REV

ISO A1 - 594mm x 841mm
P:\2019\190381100-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 11:02 AM by Alex Heppner