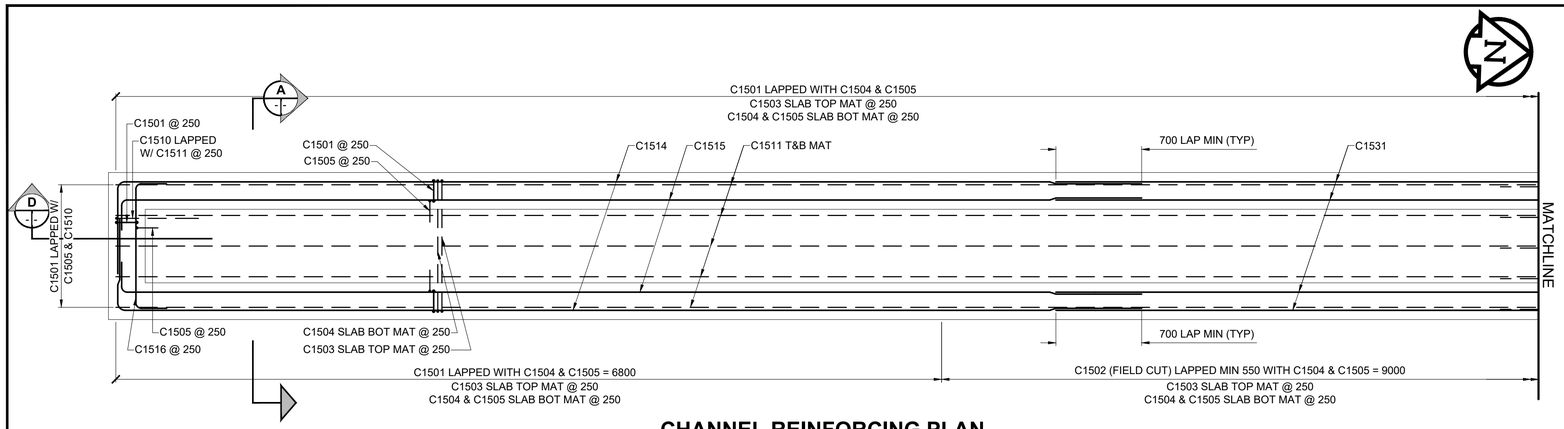
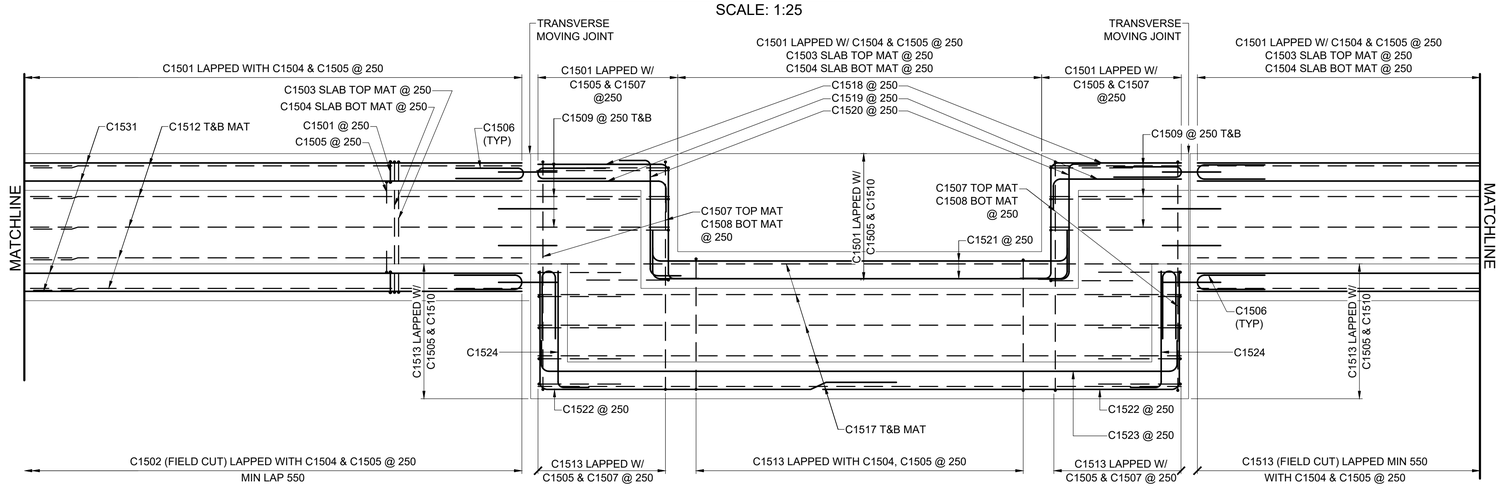
ISO A1 - 594mm x 841mm



CHANNEL REINFORCING PLAN

SCALE: 1:25



CHANNEL REINFORCING PLAN

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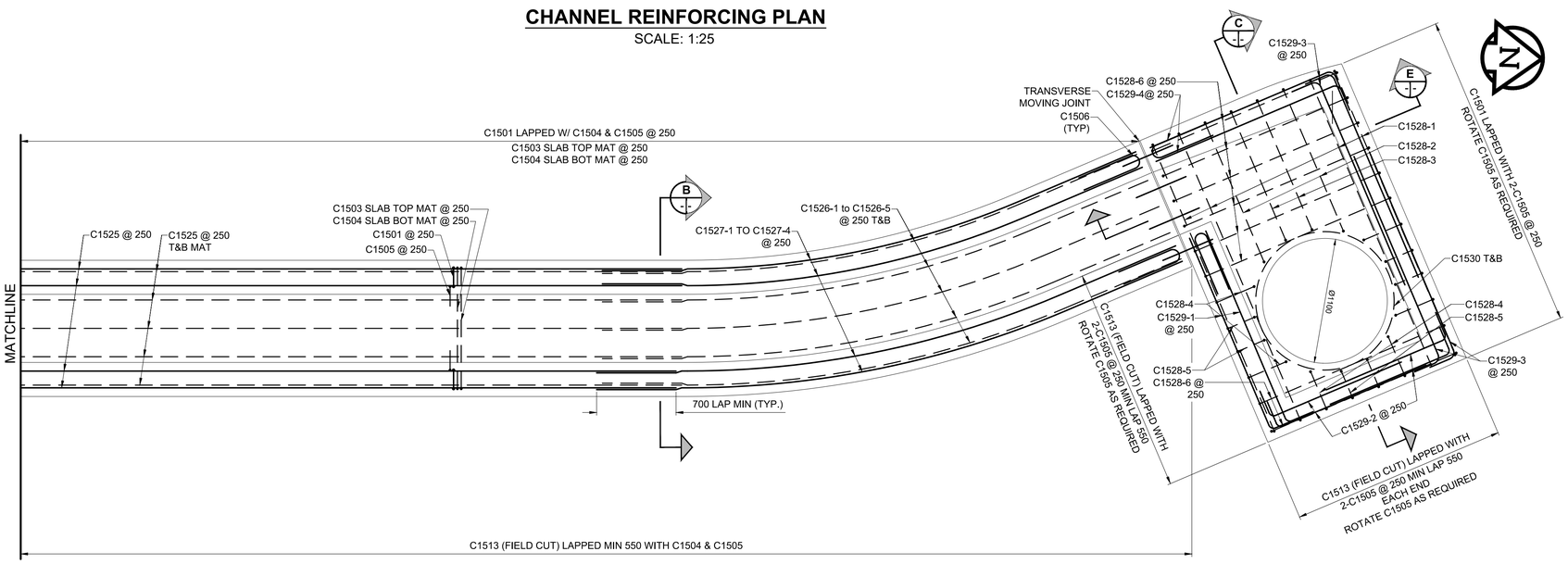
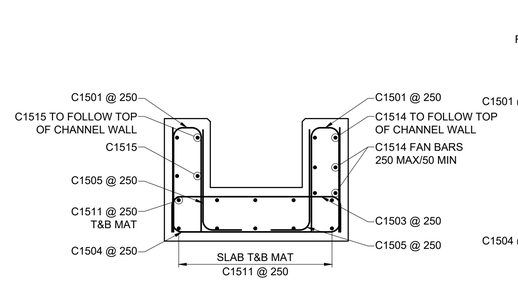


CHANNEL REINFORCING PLAN

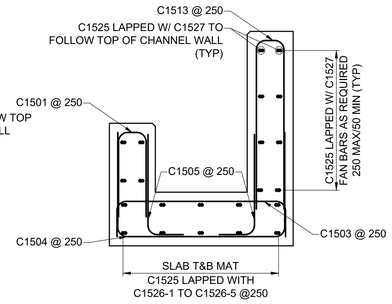
SCALE 1:25



SECTION

CHANNEL REINFORCING

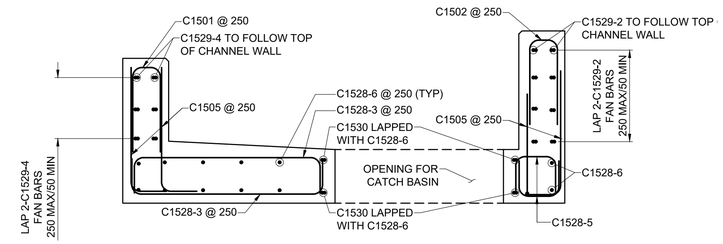
SCALE: 1:20



SECTION

CHANNEL REINFORCING

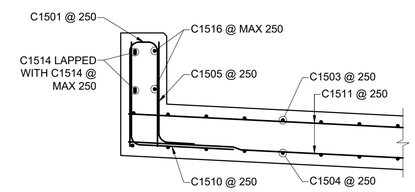
SCALE: 1:20



SECTION

CHANNEL REINFORCING AT CB LOCATION

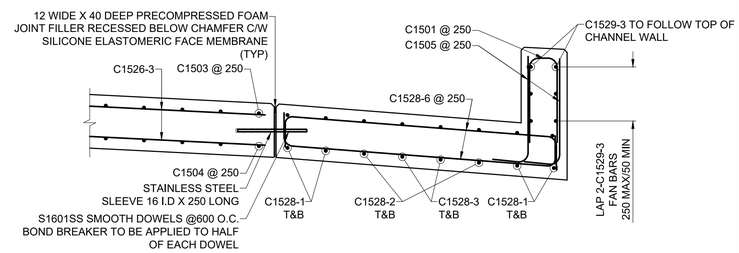
SCALE: 1:20



SECTION

CHANNEL REINFORCING AT SOUTH END

SCALE: 1:20



SECTION

CHANNEL REINFORCING AT NORTH END

SCALE: 1:20

BID OPPORTUNITY No. 602-2018

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.

ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
MORRISON HERSHFIELD
No. 1736

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

BM
ELEV

No.	REVISIONS	YY/MM/DD	BY
B	ISSUED FOR ADDENDUM 1	18/10/05	BAP
A	ISSUED FOR TENDER	18/09/04	BAP

MORRISON HERSHFIELD

DESIGNED BY	YM	CHECKED BY	AF
DRAWN BY	ALP	APPROVED BY	BE
HOR SCALE	AS SHOWN	RELEASED FOR CONSTRUCTION	
VERT SCALE	AS SHOWN	N/A	
DATE		DATE	

PROFESSIONAL'S SEAL
PROVINCE OF MANITOBA
A. FATHI
Member
41159
REGISTERED PROFESSIONAL ENGINEER

CONSULTANT FILE NAME
W160034 - DD EMPRESS - SR DRAINAGE.DWG

Winnipeg

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

EMPRESS STREET PROJECT
PEDESTRIAN ACCESSIBILITY RAMPS
SOUTH RAMP
DRAINAGE CHANNEL DETAILS

CITY DRAWING NUMBER: P-3494-137
SHEET 137 OF 169
DRAWING No. 137
REV B

O:\Winnipeg\Proj\W160034 Design\1 Drawings\06 Sheets\Detailed Design\Structural\W160034 - DD Empress - SR Drainage.dwg Last Saved: 10/4/2018 3:59 PM by TNeinrick Plotted: 10/5/2018 3:57 PM by Alex Heppner