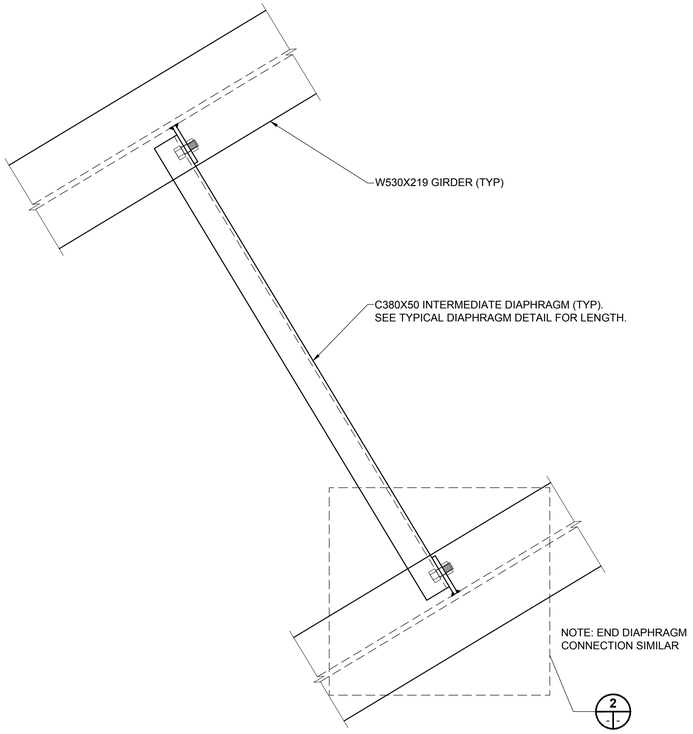
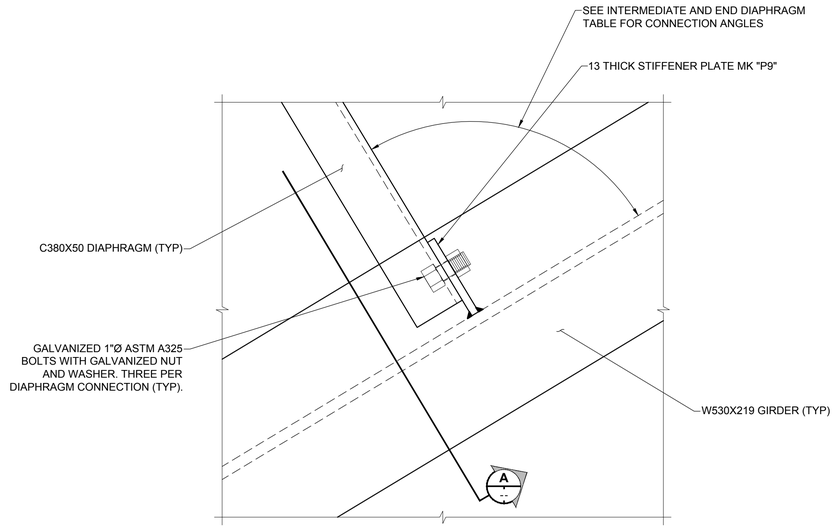
ISO A1 - 594mm x 841mm

O:\Winnipeg\Proj\5170563\09. Drawing\05. Design\06. Sheets\Detailed Design\Treetop Lookout Structure\5170563 - DD13 - GD - DIA 2.dwg Last Saved: 10/13/2017 1:10 PM by AHepponer Plotted: 10/13/2017 2:26 PM by Alex Hepponer

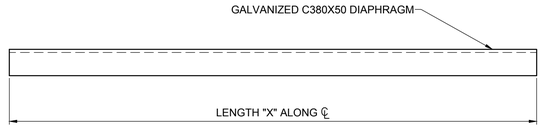


1 DETAIL - DIAPHRAGM TO GIRDER CONNECTION
12 13 SCALE: 1:10



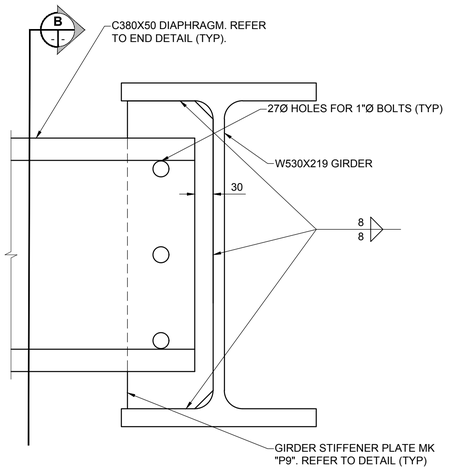
2 DETAIL - DIAPHRAGM TO GIRDER CONNECTION
SCALE: 1:5

INTERMEDIATE AND END DIAPHRAGM DETAILS		
LOCATION	DIAPHRAGM LENGTH "X"	CONNECTION ANGLE
END DIAPRHAGM AT SU2	1727	85°44'42"
BETWEEN G1 AND G2	1722	90°00'00"
BETWEEN G3 AND G4	1722	90°00'00"
BETWEEN G5 AND G6	1572	90°00'00"
BETWEEN G7 AND G8	1572	90°00'00"
BETWEEN G9 AND G10	1572	90°00'00"
BETWEEN G11 AND G12	1230	90°00'00"
BETWEEN G12 AND G13	1493	90°00'00"
BETWEEN G13 AND G14	1493	90°00'00"
BETWEEN G15 AND G16	1722	90°00'00"
END DIAPRHAGM AT SU9	1732	83°47'09"

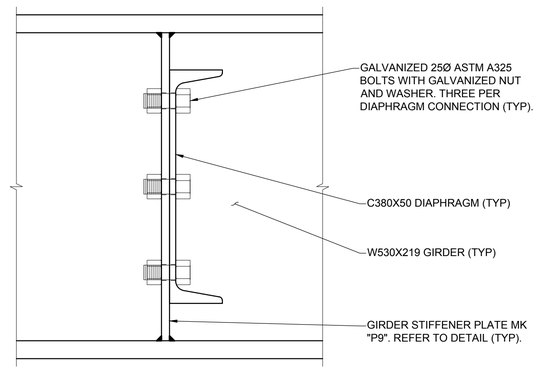


TYPICAL DIAPHRAGM
SCALE 1:10

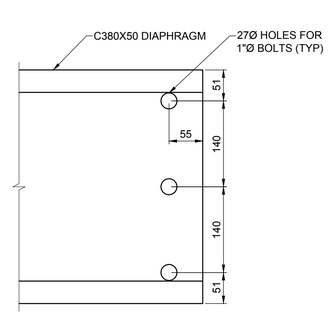
NOTE: REFER TO TABLE FOR DIAPHRAGM LENGTHS



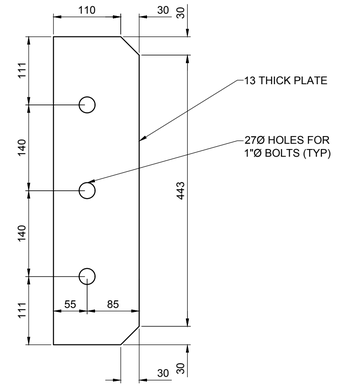
A DETAIL - DIAPHRAGM TO GIRDER CONNECTION
SCALE: 1:5



B DETAIL - DIAPHRAGM TO GIRDER CONNECTION
SCALE: 1:5



C380X50 END DETAIL
SCALE: 1:5



GIRDER STIFFENER PLATE MK "P9"
SCALE: 1:5

BID OPPORTUNITY No. 754-2017

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 BEFORE PROCEEDING WITH CONSTRUCTION.

BM ELEV

No.	REVISIONS	YY/MM/DD	BY
0	ISSUED FOR TENDER	17/10/13	DAN

MORRISON HERSHFIELD

DESIGNED BY	AG	CHECKED BY	AF
DRAWN BY	AH	APPROVED BY	BE
HOR SCALE	AS SHOWN	RELEASED FOR CONSTRUCTION	
VERT SCALE	1:10		
DATE	17/10/13	DATE	

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

CONSULTANT FILE NAME
5170563 - DD13 - GD - DIA 2.dwg

Winnipeg

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

TACHE PROMENADE TREETOP LOOKOUT

GIRDERS AND DIAPHRAGMS 2

CITY DRAWING NUMBER	
B250-17-39	
SHEET	OF
39	70
DRAWING No.	REV
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