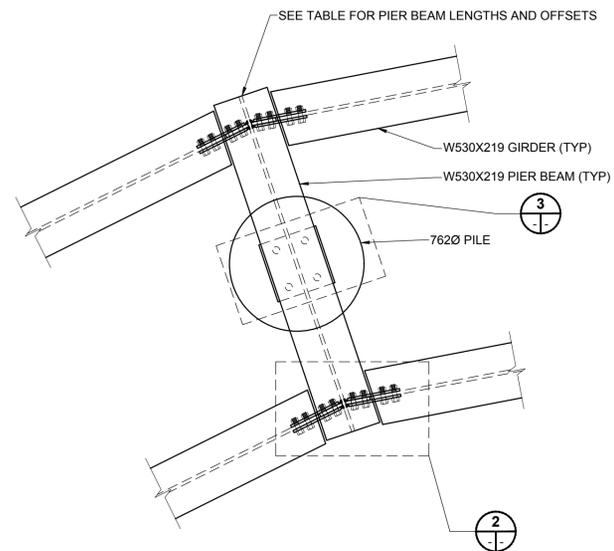
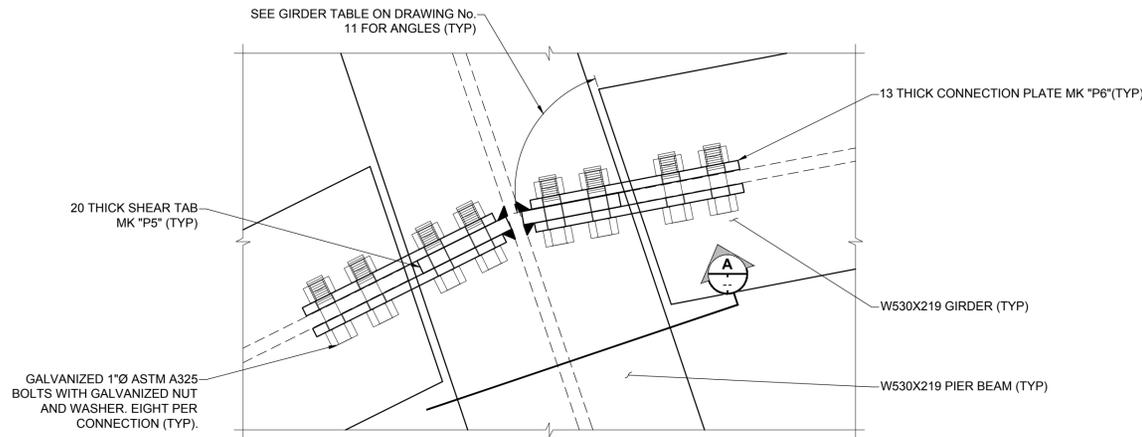


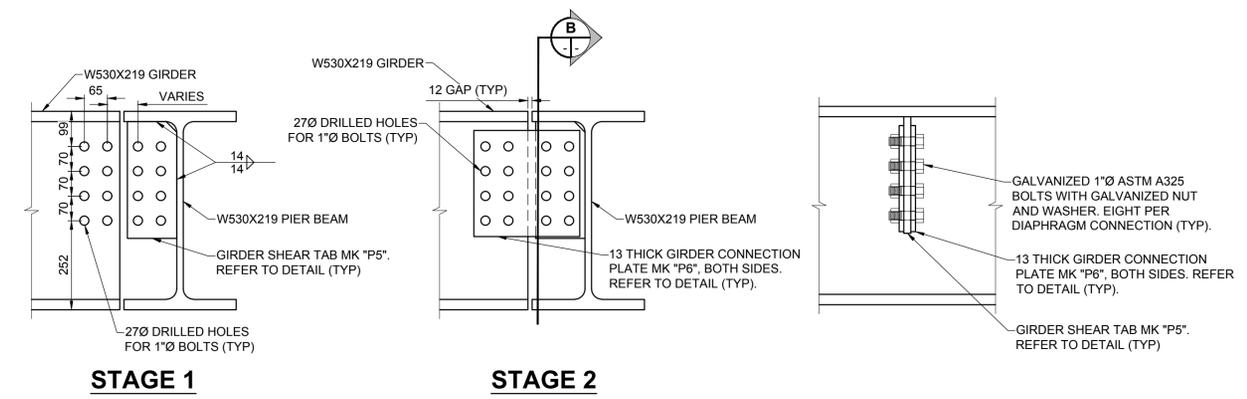
PIER BEAM DETAILS		
LOCATION	PIER BEAM LENGTH "X" (MM)	PIER BEAM CL OFFSET FROM BCL 1
SU3	2130	+195
SU4	2430	0
SU5	2000	-227
SU6	2000	-227
SU7	5630	+1485
SU8	5050	+1317



1 **DETAIL - GIRDER TO PIER BEAM AND PIER BEAM TO PILE CONNECTION**
SCALE: 1:20



2 **DETAIL - GIRDER TO PIER BEAM CONNECTION**
SCALE: 1:5



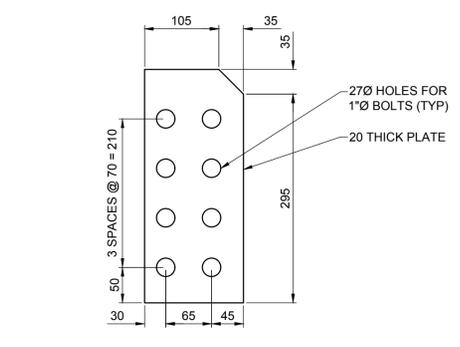
A **SECTION - GIRDER TO PIER BEAM CONNECTION**
SCALE: 1:10

B **SECTION - GIRDER TO PIER BEAM CONNECTION**
SCALE: 1:10

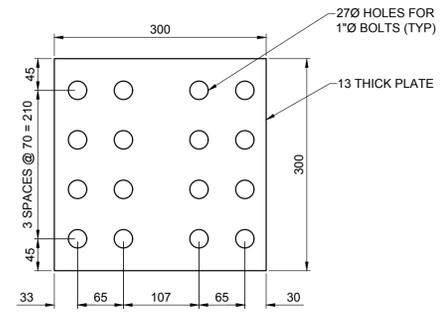
3 **DETAIL - PIER BEAM TO PILE CONNECTION BASE PLATE MK "P7"**
SCALE: 1:10

4 **DETAIL - PIER BEAM TO PILE CONNECTION BASE PLATE MK "P8"**
SCALE: 1:5

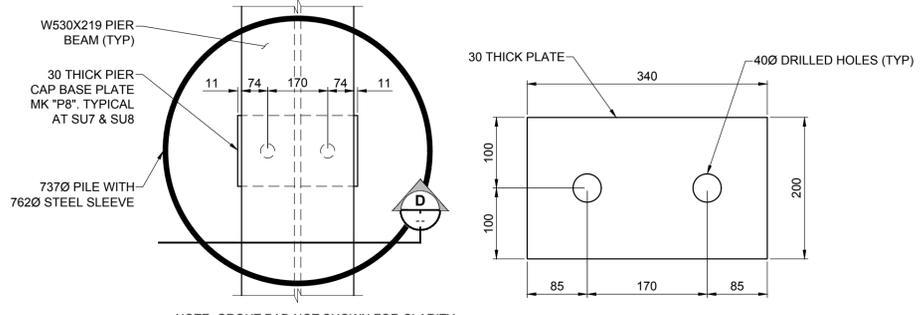
C **SECTION - PIER BEAM TO PILE CONNECTION**
SCALE: 1:10



GIRDER SHEAR TAB MK "P5"
SCALE: 1:10



GIRDER CONNECTION PLATE MK "P6"
SCALE: 1:10



4 **DETAIL - PIER BEAM TO PILE CONNECTION BASE PLATE MK "P8"**
SCALE: 1:5

D **SECTION - PIER BEAM TO PILE CONNECTION**
SCALE: 1:10

DRAWING NOTE: FOR PIER CAP SHEAR STUD INSTALLATION, SEE DRAWING No. 12 SECTION **D**



METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

LOCATION APPROVED UNDERGROUND STRUCTURES
SUPER. U/G STRUCTURES COMMITTEE
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
0	ISSUED FOR TENDER	17/10/13	DAN

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



THE CITY OF WINNIPEG PUBLIC WORKS DEPARTMENT ENGINEERING DIVISION

TACHE PROMENADE TREETOP LOOKOUT

PIER BEAM DETAILS

CITY DRAWING NUMBER: B250-17-37
SHEET 37 OF 70
DRAWING No. 11
REV 0

BID OPPORTUNITY No. 754-2017