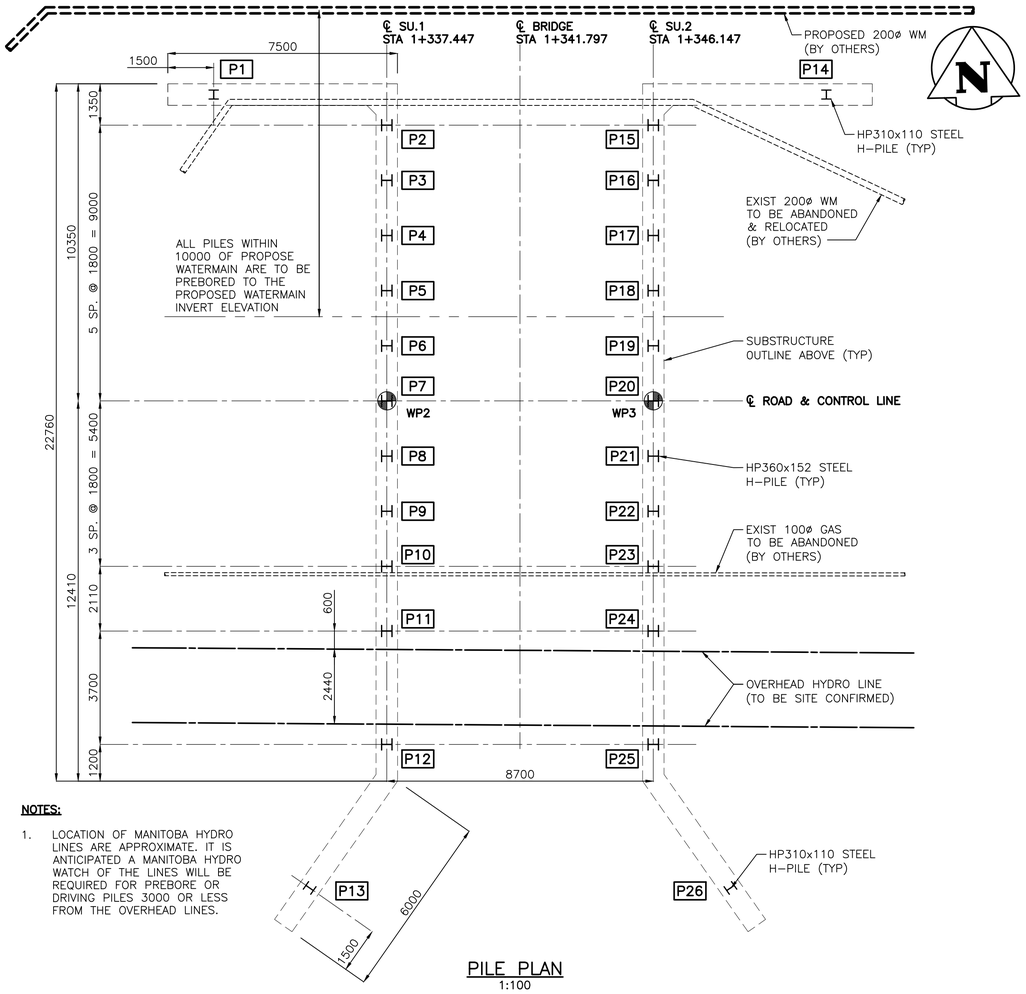
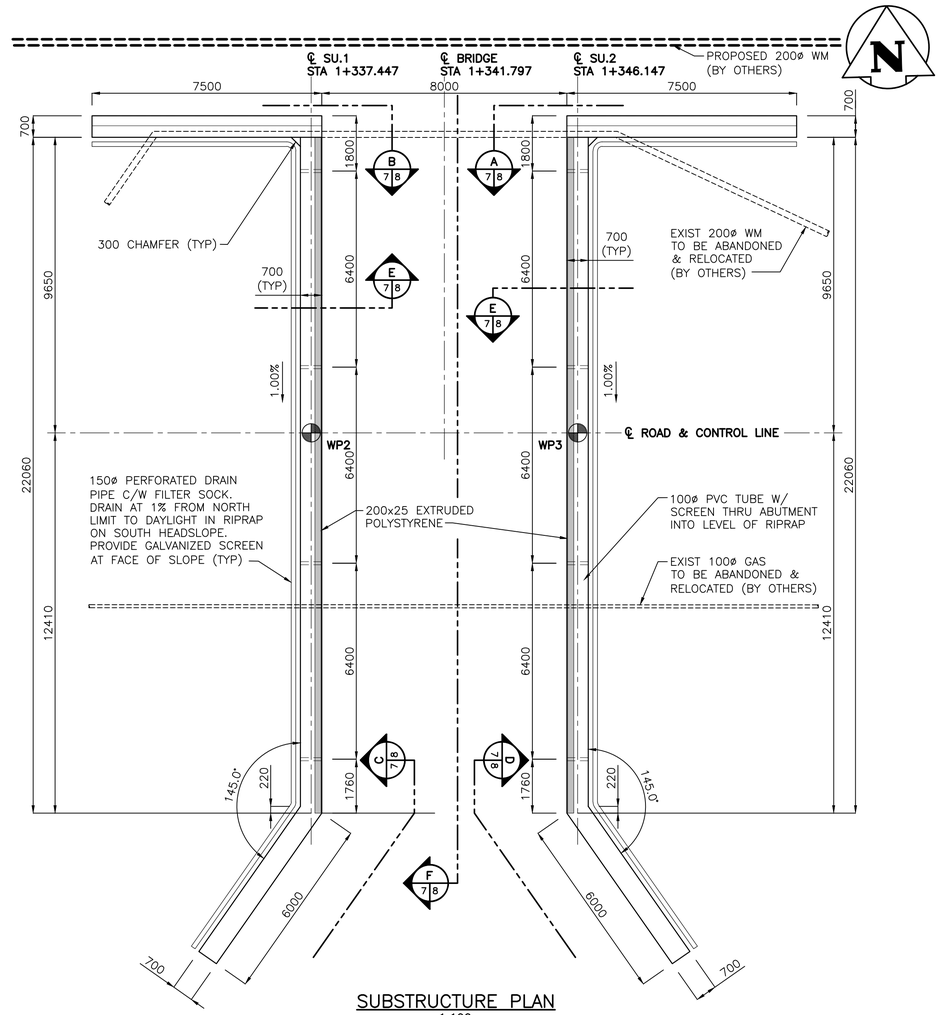


PILE PLAN
1:100

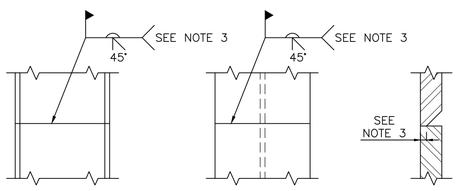
NOTES:

1. LOCATION OF MANITOBA HYDRO LINES ARE APPROXIMATE. IT IS ANTICIPATED A MANITOBA HYDRO WATCH OF THE LINES WILL BE REQUIRED FOR PREBORE OR DRIVING PILES 3000 OR LESS FROM THE OVERHEAD LINES.

PILE LENGTH TABLE			
MARK	STRAIGHT/ BATTERED	CUT-OFF ELEVATION (m)	PILE LENGTH (ESTIMATE) (m)
P1	STR	231.078	15
P2	STR	231.078	15
P3	STR	231.078	15
P4	STR	231.078	15
P5	STR	231.078	15
P6	STR	231.078	15
P7	STR	231.078	15
P8	STR	231.078	15
P9	STR	231.078	15
P10	STR	231.078	15
P11	STR	231.078	15
P12	STR	231.078	15
P13	STR	231.078	15
P14	STR	231.078	15
P15	STR	231.078	15
P16	STR	231.078	15
P17	STR	231.078	15
P18	STR	231.078	15
P19	STR	231.078	15
P20	STR	231.078	15
P21	STR	231.078	15
P22	STR	231.078	15
P23	STR	231.078	15
P24	STR	231.078	15
P25	STR	231.078	15
P26	STR	231.078	15
TOTAL PILE LENGTH (m) :			390



SUBSTRUCTURE PLAN
1:100

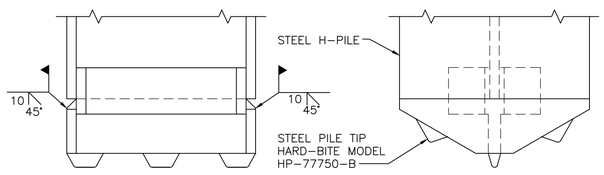


DETAIL OF STEEL HP PILE SPLICE
1:10

WELDING NOTES:

1. LOW HYDROGEN *E70 SERIES ELECTRODES SHALL BE USED.
2. THE MINIMUM ROOT PASS SHALL BE 6mm.
3. PREPARATION FOR WELDING REQUIRES A 3mm LAND.
4. WELD BOTH FLANGES AND WEB AS SHOWN.

* E48018 EQUIVALENT METRIC ELECTRODE



DETAIL OF STEEL HP PILE TIP
1:5

NOTE:

1. EDGES OF STEEL PILE TIP TO BE GROUND ON 45° BEVEL FOR 10mm.
2. LOW HYDROGEN *E70 SERIES ELECTRODES SHALL BE USED.
3. THE MINIMUM ROOT PASS SHALL BE 6mm.

*E48018 EQUIVALENT METRIC ELECTRODE

APEGM
Certificate of Authorization
Stantec Consulting Ltd.
No. 1301

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

LOCATION APPROVED
UNDERGROUND STRUCTURES

SUPV. 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.

B.M.
ELEV.

NO.	REVISIONS	DATE	BY
0	ISSUED FOR TENDER	19.09.18	J.M.B.

Stantec
500 - 311 Portage Avenue, Winnipeg MB Canada
www.stantec.com

DESIGNED BY	H.M.V.	CHECKED BY	C.D.
DRAWN BY	J.M.B.	APPROVED BY	K.S.A.
HOR. SCALE: / VERTICAL:	1:100 OR AS NOTED	RELEASED FOR CONSTRUCTION:	
DATE	2019.09.18	DATE	

ENGINEER'S SEAL

TENDER DRAWING
NOT TO BE USED FOR CONSTRUCTION

CONSULTANT DRAWING NO.
S-104

Winnipeg
THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

DUBLIN AVENUE BRIDGE REPLACEMENT
PROPOSED BRIDGE STRUCTURE
FOUNDATION & SUBSTRUCTURE PLANS

SHEET 7 OF 48
CAD FILE DRAWING NUMBER 33340s-104-926.dwg
CITY DRAWING NUMBER B105-19-7

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2019/09/18 2:18 PM By: Hsin, Jake