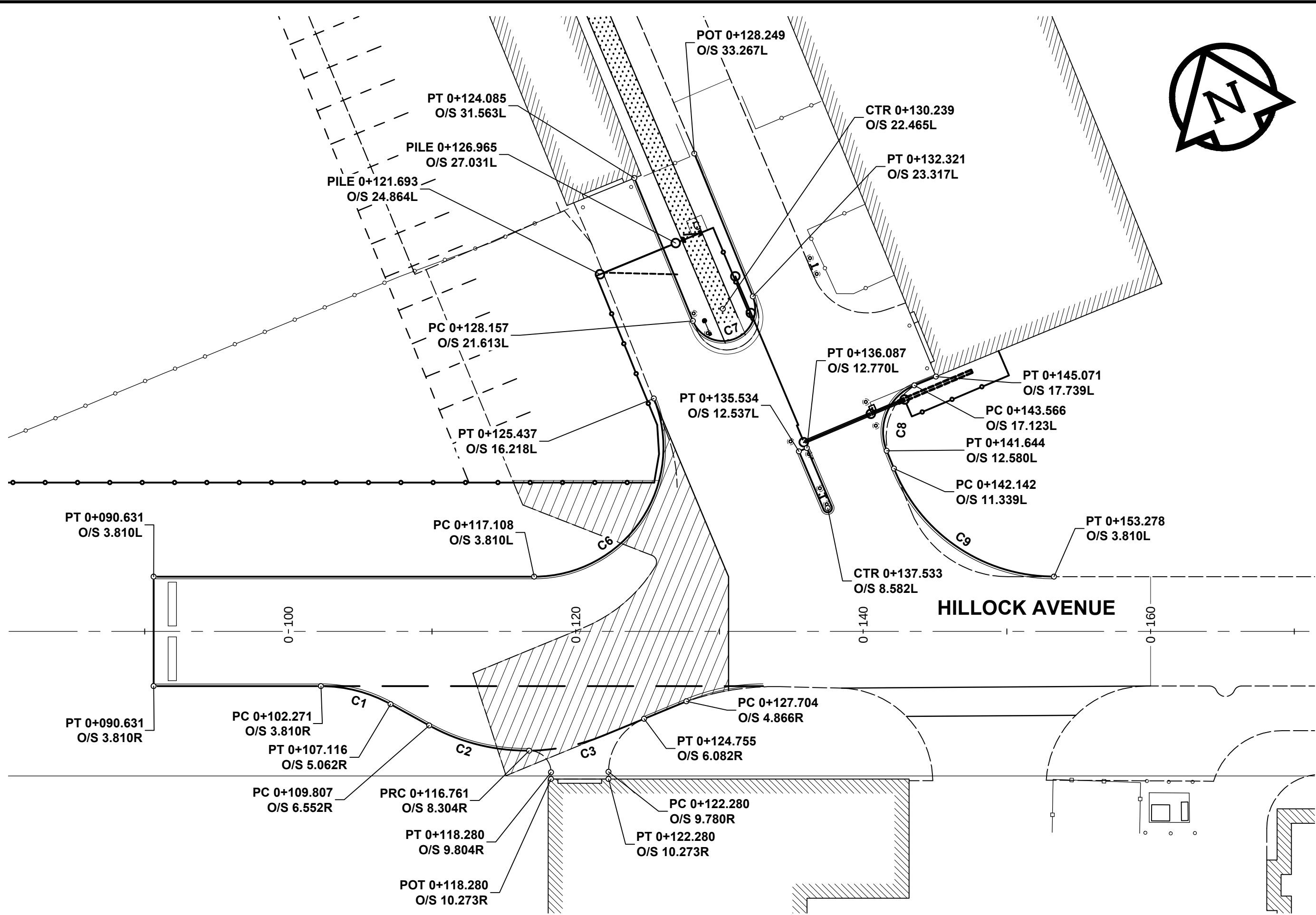
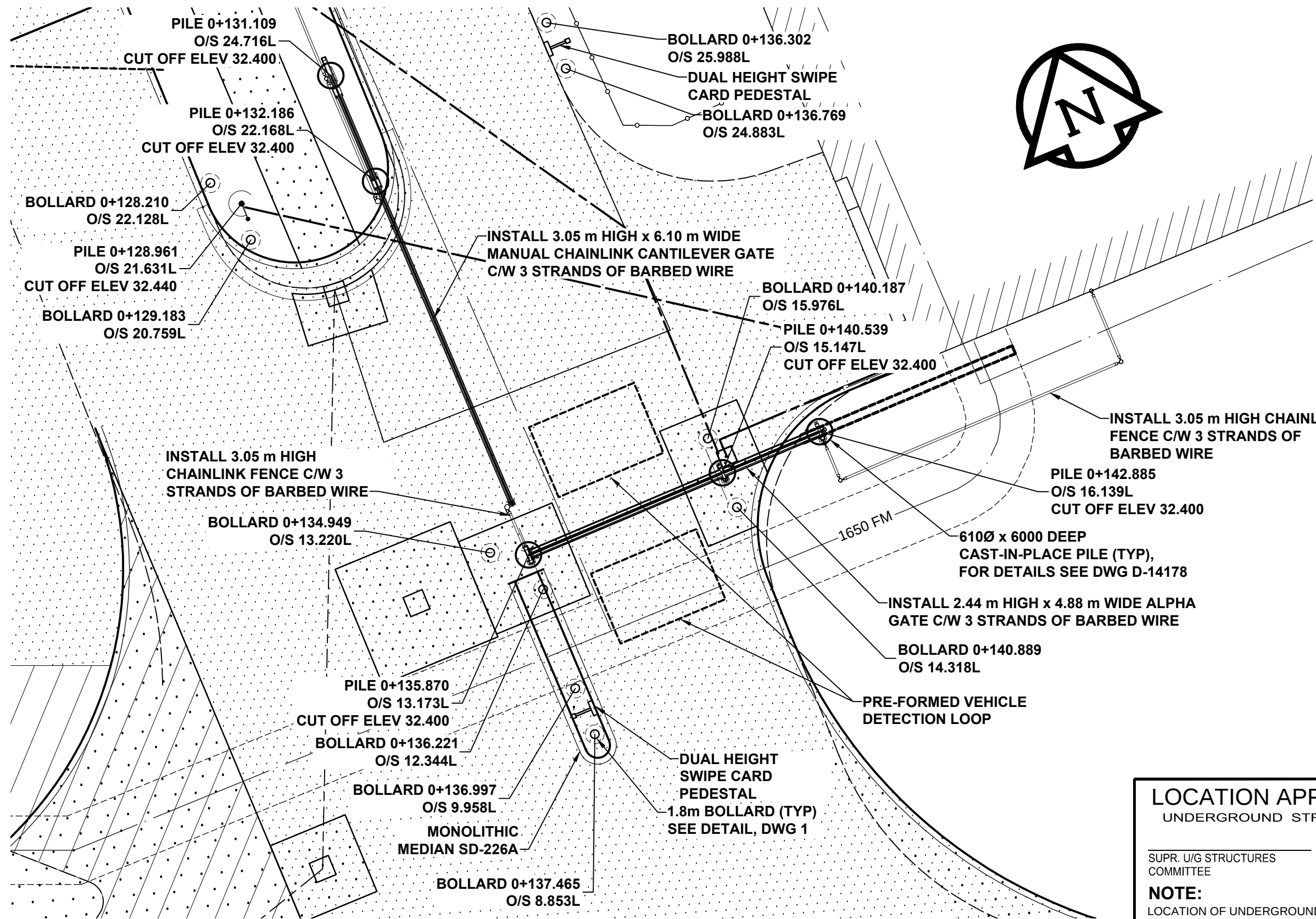
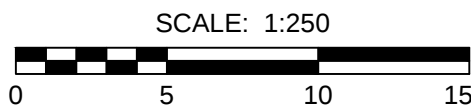


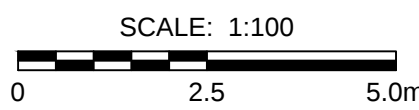
ANSI D - 22" x 34" (559mm x 864mm)
M:\proj\W130024-PL-02.dwg
Drawings\05 Sheets\CONSTRUCTION DRAWINGS\W130024-PL-02.dwg
Rev: 12/29/2016 11:43 AM by Kevin Berger
Plotter: 21/2016 11:43 AM by Kevin Berger



HORIZONTAL GEOMETRY

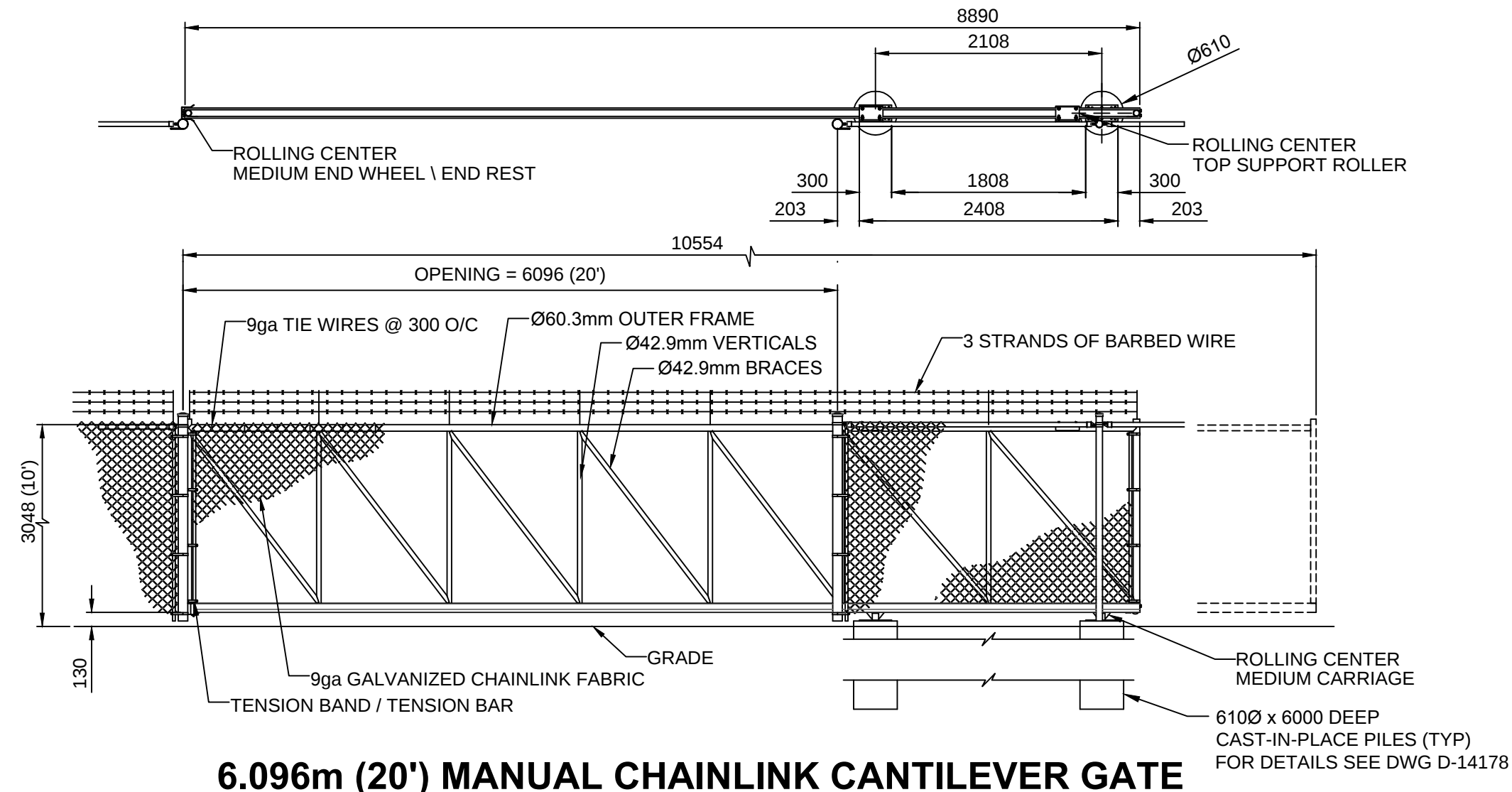


PLAN OF AUTOMATED GATE AREA

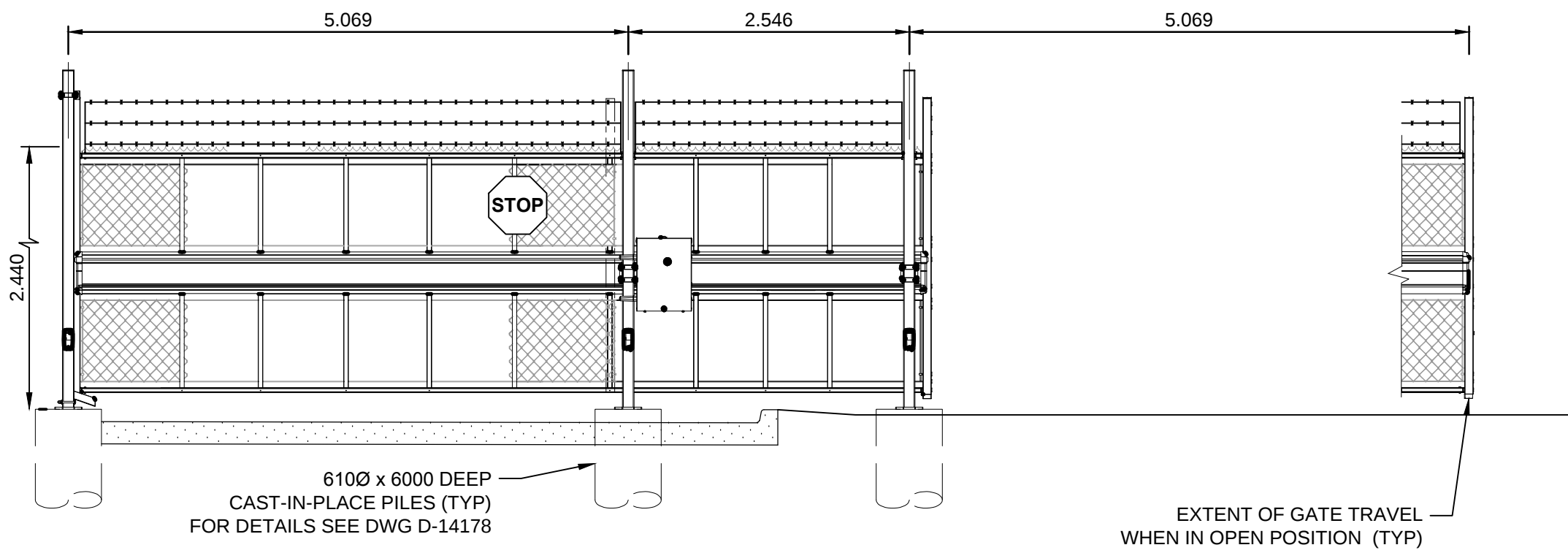
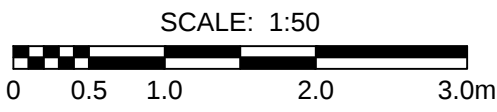


CURVE TABLE				
CURVE	RADIUS	LENGTH	DELTA	TANGENT
C1	10.000	5.057	28°58'35"	2.584
C2	14.000	7.252	29°40'44"	3.709
C3	14.000	5.302	21°41'54"	2.683
C6	9.000	17.632	112°14'59"	13.406
C7	2.250	7.069	180°00'00"	INFINITY
C8	3.500	5.475	89°37'13"	3.477
C9	12.000	14.268	68°07'26"	8.113

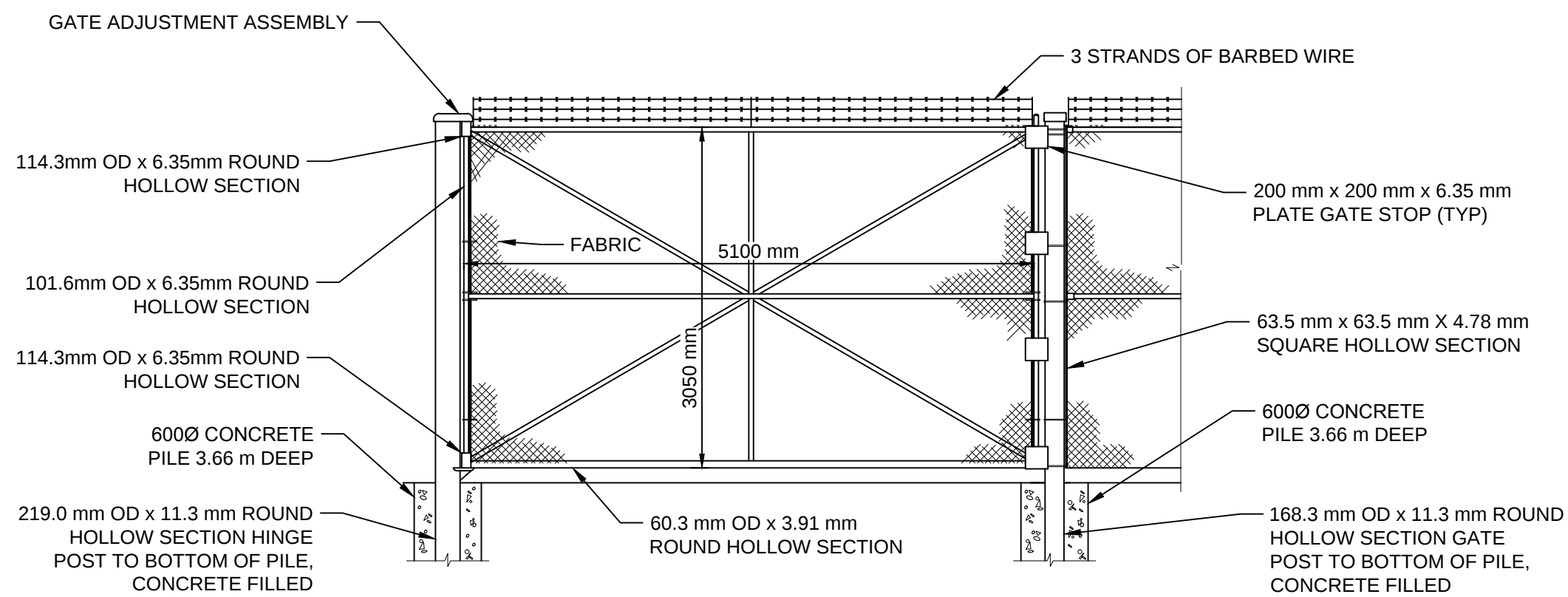
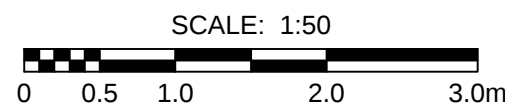
CENTERLINE - GEOMETRIC CONTROL POINT COORDINATES		
POINT/STATION	NORTHING	EASTING
POT 0+060.000	10062.812	9874.478
POT 0+200.000	10009.293	10003.844



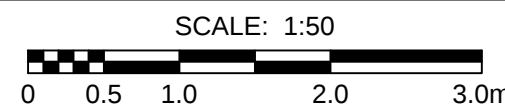
6.096m (20') MANUAL CHAINLINK CANTILEVER GATE



2.44m (8') HIGH x 4.88m (16') WIDE ALPHA GATE



3.05 m (10') HIGH x 5.10 m WIDE MANUAL CHAINLINK GATE



LOCATION APPROVED
UNDERGROUND STRUCTURES

SUPR. U/G STRUCTURES COMMITTEE DATE

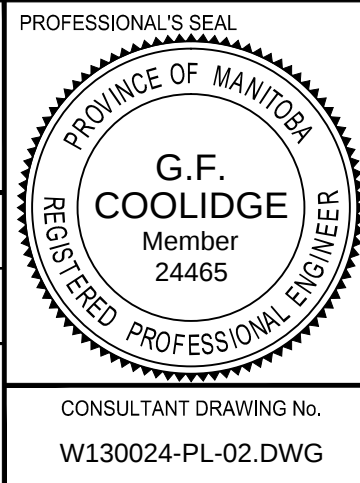
NOTE:
LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.

BM 36-006
ELEV 232.366m
D.B.M. - 11.6 m S. of S. wall of McPhillips St. pumping station, 10.4 m W. of line of E. wall of Bldg.

C	ISSUED FOR TENDER	16/02/05	GFC		
B	ISSUED FOR REVIEW	16/01/13	GFC		
A	ISSUED FOR CLIENT REVIEW	14/07/17	GFC		
No.	REVISIONS	YYMMDD	BY	DATE	13/11/16



DESIGNED BY	GFC	CHECKED BY	WRJ
DRAWN BY	DML	APPROVED BY	BWB
HOR SCALE	AS SHOWN	RELEASED FOR CONSTRUCTION	
VERT SCALE	AS SHOWN		
DATE	13/11/16	DATE	



THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

**AUTOMATED SECURITY GATES & PAVEMENT
WORKS - McPHILLIPS PUMPING STATION &
PLINGUET YARD**

**McPHILLIPS PUMPING STATION - HILLOCK ACCESS
PLAN & DETAILS**

SHEET 2 OF 13
CITY DRAWING NUMBER
1-0640A-F0002-001

BID OPPORTUNITY No. 588-2015