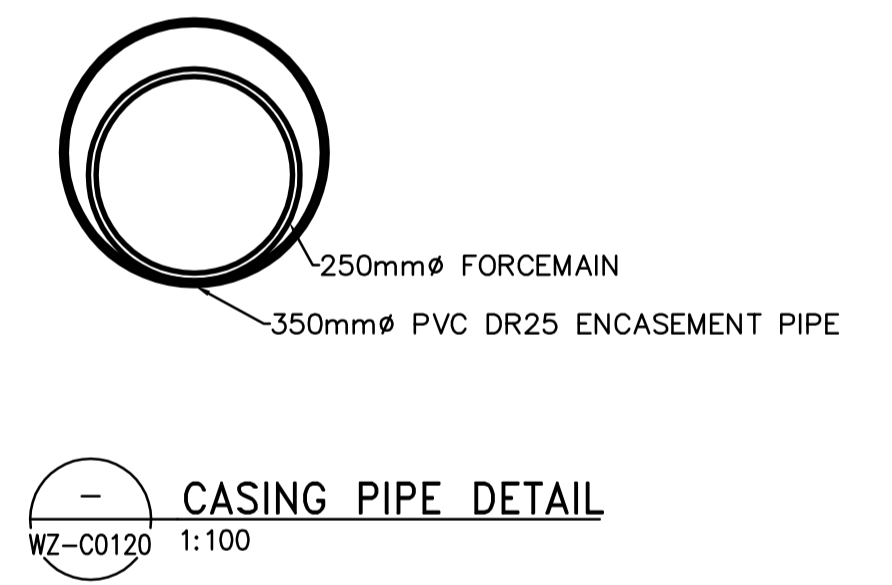
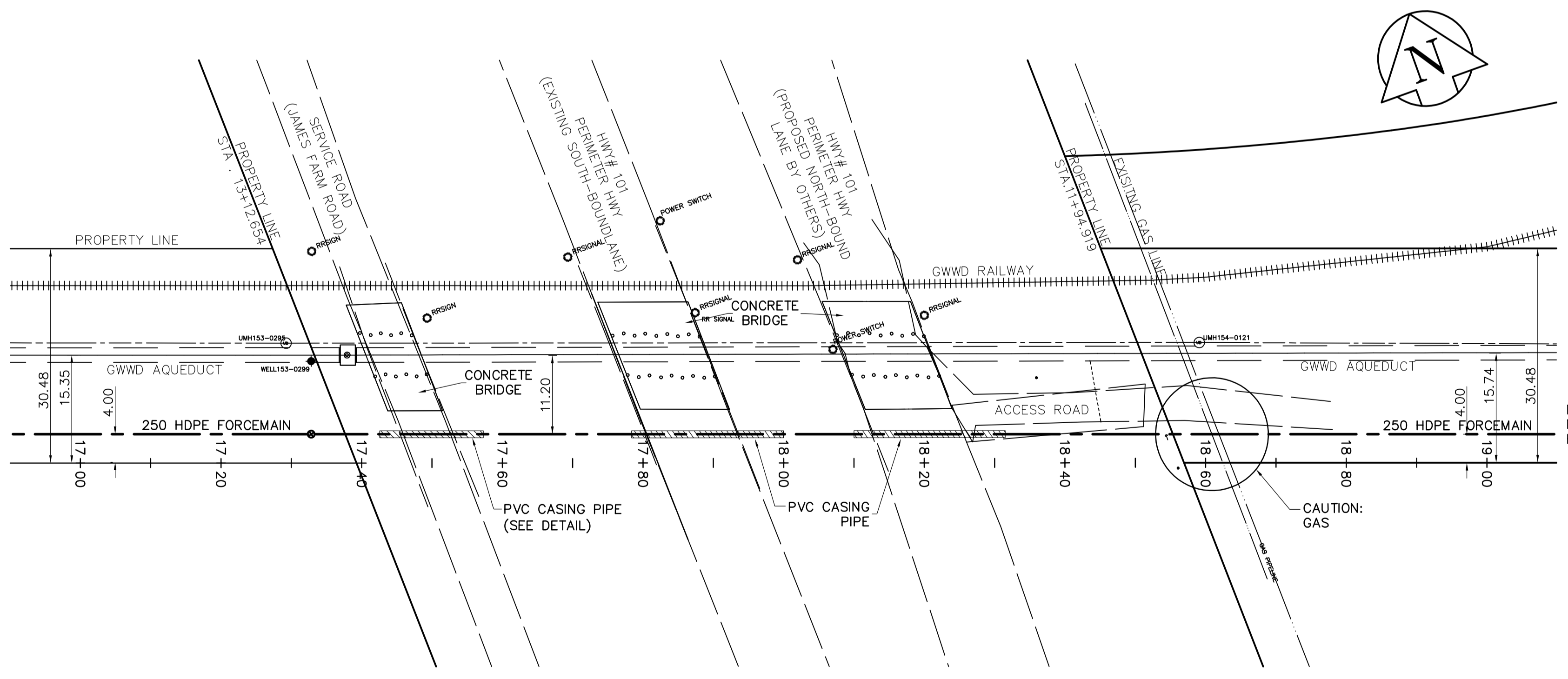


KEY PLAN
SCALE: N.T.S.

BENCHMARK NOTES:
DRAWING COORDINATES ARE UTM NAD83 - SCALE FACTOR 0.99983

B.M. No.	NORTHING	EASTING	ELEVATION
PILE 136	5523873.734	647764.406	236.242
PILE 133	5523256.606	647782.387	236.056



- GENERAL NOTES:**
1. BASE LINE IS SOUTH LIMIT OF AQUEDUCT RIGHT OF WAY.
 2. EXPOSE ALL COMMUNICATION AND POWER DUCTS/LINES BY HYDROVAC EXCAVATION.
 3. VERIFY EXISTING PIPE INVERTS AND LOCATION PRIOR TO COMMENCEMENT OF WORKS.

NOTE:
A. 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.



150 mm W.M.	150 mm W.M.	HYDRO	HYDRO	150 mm W.M.	150 mm W.M.	HYDRO	HYDRO	150 mm W.M.	150 mm W.M.	HYDRO	HYDRO	150 mm W.M.	150 mm W.M.	HYDRO	HYDRO
HYDRANT	HYDRANT	M.T.S.	M.T.S.	CONCRETE	CONCRETE	ASPHALT	ASPHALT	PROPERTY LINE	PROPERTY LINE	SURVEY BAR	SURVEY BAR	ELEVATION	ELEVATION	TREE	TREE
VALVE	VALVE	CONCRETE	CONCRETE	PROPERTY LINE	PROPERTY LINE	SURVEY BAR	SURVEY BAR	ELEVATION	ELEVATION	TREE	TREE	ANODE	ANODE	CONCRETE SIDEWALK	CONCRETE SIDEWALK
LAND DRAINAGE SEWER	LAND DRAINAGE SEWER	ASPHALT	ASPHALT	PROPERTY LINE	PROPERTY LINE	SURVEY BAR	SURVEY BAR	ELEVATION	ELEVATION	TREE	TREE	ANODE	ANODE	CONCRETE SIDEWALK	CONCRETE SIDEWALK
WASTEWATER SEWER	WASTEWATER SEWER	PROPERTY LINE	PROPERTY LINE	SURVEY BAR	SURVEY BAR	ELEVATION	ELEVATION	TREE	TREE	ANODE	ANODE	CONCRETE SIDEWALK	CONCRETE SIDEWALK	FENCE	FENCE
MANHOLE	MANHOLE	SURVEY BAR	SURVEY BAR	ELEVATION	ELEVATION	TREE	TREE	ANODE	ANODE	CONCRETE SIDEWALK	CONCRETE SIDEWALK	FENCE	FENCE		
CATCH BASIN	CATCH BASIN	ELEVATION	ELEVATION	TREE	TREE	ANODE	ANODE	CONCRETE SIDEWALK	CONCRETE SIDEWALK	FENCE	FENCE				
CURB INLET	CURB INLET	TREE	TREE	ANODE	ANODE	CONCRETE SIDEWALK	CONCRETE SIDEWALK	FENCE	FENCE						
JUNCTIONS	JUNCTIONS	CONCRETE SIDEWALK	CONCRETE SIDEWALK	FENCE	FENCE										
CULVERT	CULVERT														
GAS	GAS														

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
	00	ISSUED FOR TENDER	07/07/30	DA
	01	ISSUED FOR HIGHWAYS APR.	07/07/11	GDL

CH2MHILL
Frederickson Cooper ARCHITECTS

EarthTech
A Tyco International Ltd. Company

DESIGNED BY: KWF
CHECKED BY: GK

DRAWN BY: JS
APPROVED BY: AHL

SCALE: HORZ. 1:500
VERT. 1:50

RELEASED FOR CONSTRUCTION BY: R. SOROKOWSKI

DATE: 2005/12/09
DATE: 2007/7/30

ENGINEER'S SEAL

PROVINCE OF MANITOBA
ORIGINAL SIGNED BY
K.W. FITCHETT
JULY 11, 2007
REGISTERED PROFESSIONAL ENGINEER

CONSULTANT DRAWING NO.
WZ-C0120

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

Winnipeg

WATER TREATMENT PLANT
SUPPLY AND INSTALLATION
OF FORCEMAIN

CITY FILE NUMBER

SHEET 21 OF 23

CITY DRAWING NUMBER

1-0601Z-C-C0120-001-00D

CIVIL
GWWD AQUEDUCT R.O.W.
HWY#101 CROSSING DETAIL