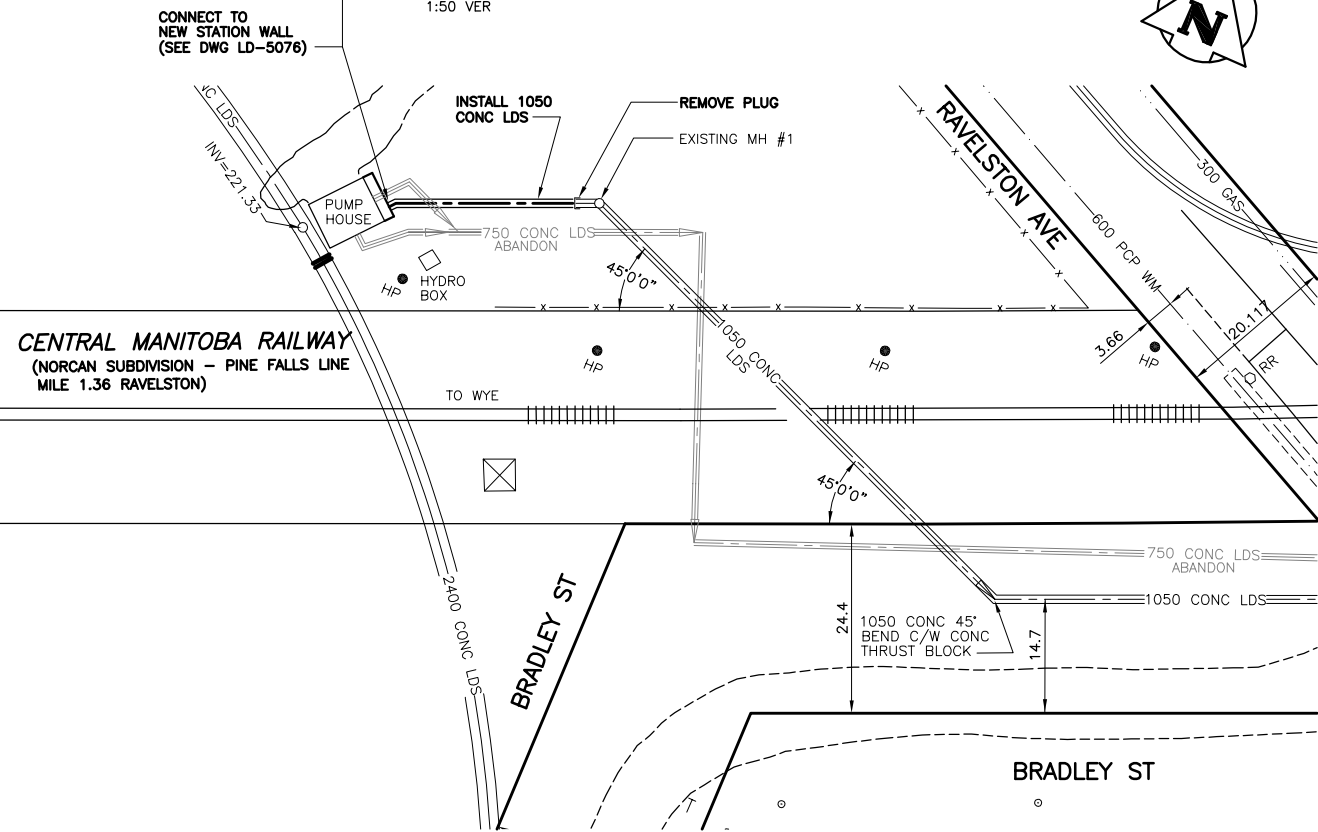
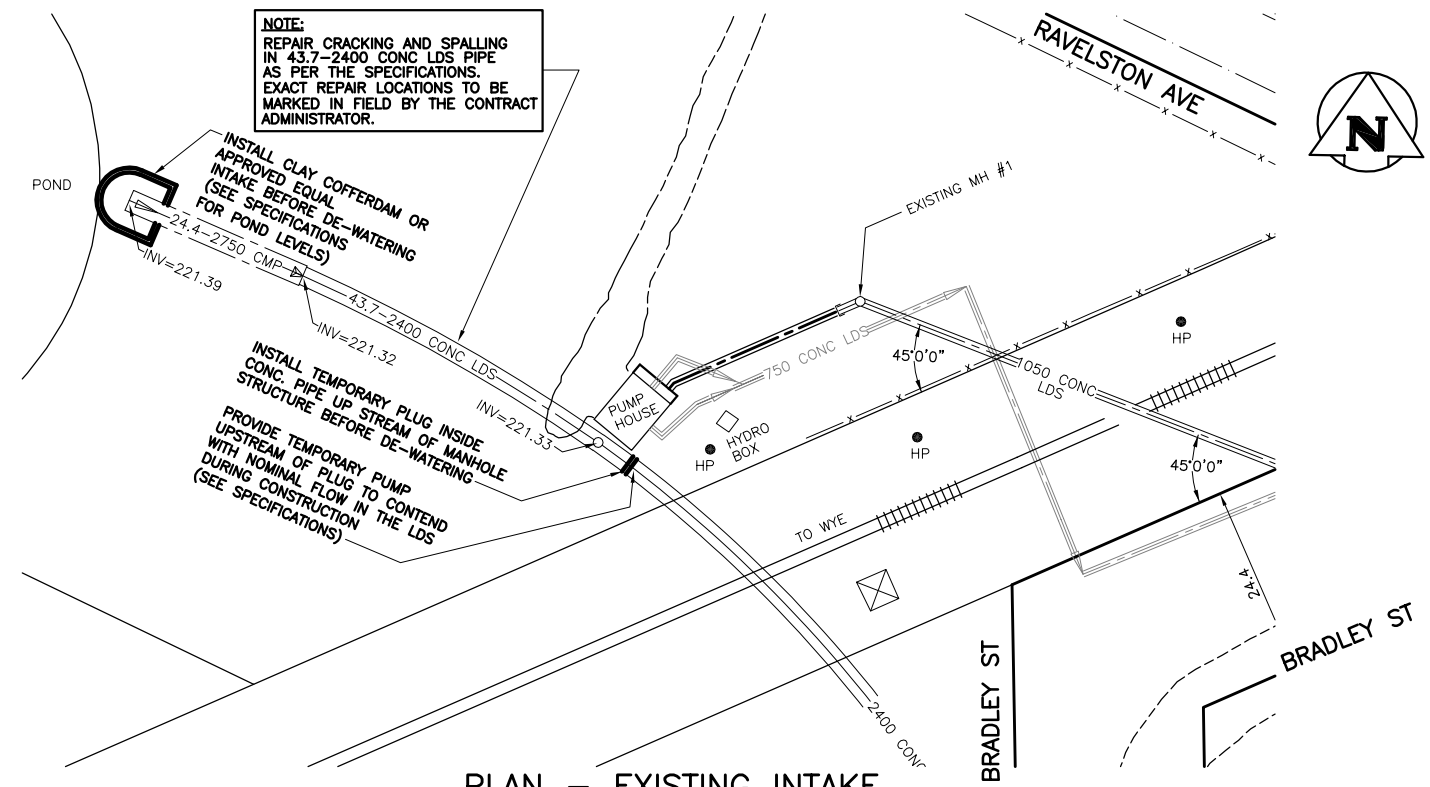


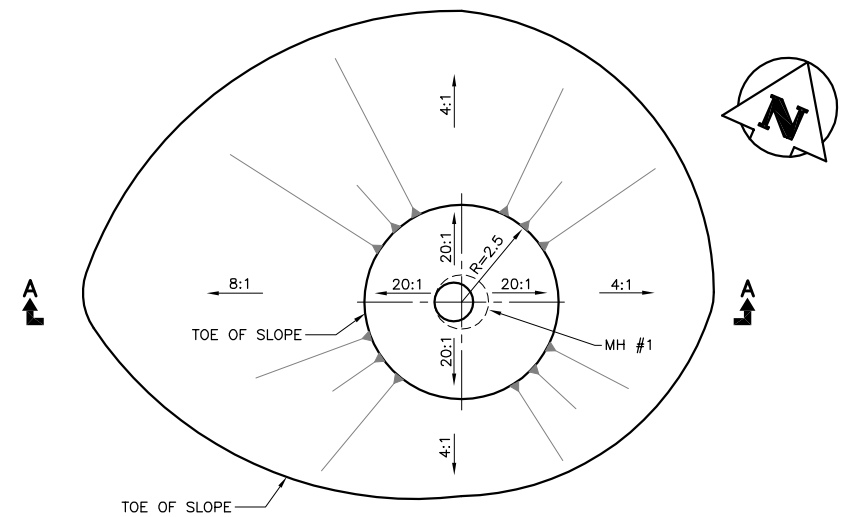
PROFILE
SCALE: 1:500 HOR
1:50 VER



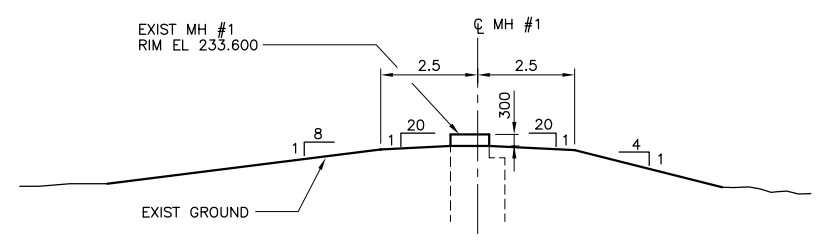
PLAN - NEW 1050 LDS
SCALE: 1:500



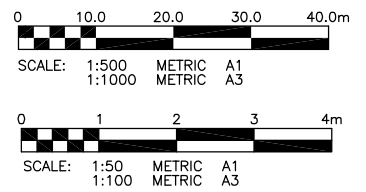
PLAN - EXISTING INTAKE
SCALE: 1:500



PLAN
SCALE: 1:100



SECTION A-A
SCALE: 1:100
MANHOLE #1 SURFACE GRADING DETAIL



PROPERTY LIMITS DELINEATION
DELINEATION OF PROPERTY LIMITS AS SHOWN ON THIS DWG DOES NOT REPRESENT A "LEGAL SURVEY". KGS GROUP MAKES NO REPRESENTATION OR WARRANTY AS TO THE ACCURACY OF PROPERTY LIMITS DELINEATED ON THIS DWG, NOR ON THE DIMENSIONAL ACCURACY OF DWG FEATURES RELATIVE TO THOSE PROPERTY LIMITS.

WARNING
1. NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.
2. TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS.
3. SEE PROVINCIAL REGULATION 210/72 FOR DETAILS.

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES



150 WM	WATERMAIN	150 WM	HYDRO M.T.S.	350 WM	WATERMAIN	150 WM	WATERMAIN
Hydrant	HYDRANT	Hydrant	M.T.S.	Hydrant	HYDRANT, VALVE	Hydrant	HYDRANT, VALVE
Valve	VALVE	Valve	CONCRETE	Land Drainage Sewer	LAND DRAINAGE SEWER	Land Drainage Sewer	LAND DRAINAGE SEWER
Land Drainage Sewer	LAND DRAINAGE SEWER	Land Drainage Sewer	ASPHALT	Waste Water Sewer	WASTE WATER SEWER	Waste Water Sewer	WASTE WATER SEWER
Waste Water Sewer	WASTE WATER SEWER	Waste Water Sewer	SIDEWALK	Planing	PLANING	Planing	PLANING
Manhole	MANHOLE	Manhole	PROPERTY LINE	North/West Gutter	NORTH/WEST GUTTER	North/West Gutter	NORTH/WEST GUTTER
Catch Basin	CATCH BASIN	Catch Basin	SURVEY BAR	South/East Gutter	SOUTH/EAST GUTTER	South/East Gutter	SOUTH/EAST GUTTER
Curb Inlet	CURB INLET	Curb Inlet	DITCH	N/W, S/E R'S	N/W, S/E R'S	N/W, S/E R'S	N/W, S/E R'S
Junctions	JUNCTIONS	Junctions	ELEVATION	North/West Ditch	NORTH/WEST DITCH	North/West Ditch	NORTH/WEST DITCH
Culvert	CULVERT	Culvert	231.334	South/East Ditch	SOUTH/EAST DITCH	South/East Ditch	SOUTH/EAST DITCH
Gas	GAS	Gas					
EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PROFILE	PROPOSED	EXISTING	LEGEND-PROFILE

LOCATION APPROVED UNDERGROUND STRUCTURES
SUPV. U/G STRUCTURES DATE 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.

B.M. ELEV.			
ISSUED FOR CONSTRUCTION	23/09/08	SH	
NO. REVISIONS	DATE	BY	DATE

KGS CONSULTING ENGINEERS & PROJECT MANAGERS
WINNIPEG (204) 896-1209
THUNDER BAY (807) 345-2233

DESIGNED BY SH	CHECKED BY SH
DRAWN BY DW	APPROVED BY
HOR. SCALE: 1:50	RELEASED FOR CONSTRUCTION:
VERTICAL: 1:50	DATE

ENGINEER'S SEAL
ORIGINAL SIGNED BY S.E. HARNISH 23/09/08
CONSULTANT DRAWING NO. 08-0107-03-C2

THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT

PROJECT TITLE: RAVELSTON LAND DRAINAGE PUMPING STATION UPGRADE NEW 1050 LDS & EXISTING INTAKE

SHEET OF 02 OF 02
COMPUTER FILE NAME: BASE-PLOT.DWG
CITY DRAWING NUMBER: LD-5075