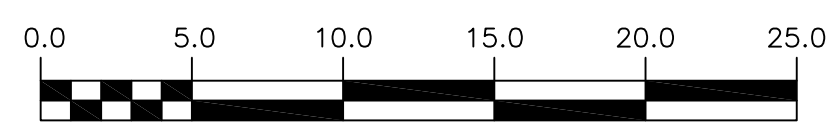


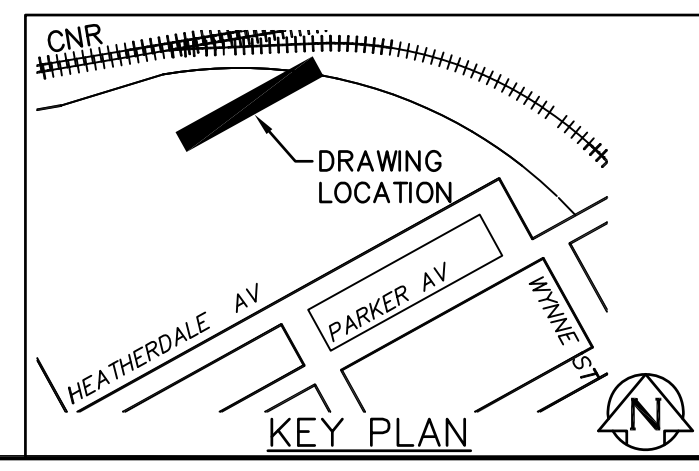
WARNING
 IF POWER EQUIPMENT OR EXPLOSIVES ARE TO BE USED FOR EXCAVATION ON THIS PROJECT THE CONTRACTOR MUST:
 1) NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.
 2) TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS.
 SEE PROVINCIAL REGULATION 210/72 FOR DETAILS

PROPERTY LIMITS DELINEATION
 DELINEATION OF PROPERTY LIMITS AS SHOWN ON THIS DWG DOES NOT REPRESENT A "LEGAL SURVEY". CH2M HILL MAKES NO REPRESENTATION OR WARRANTY AS TO THE ACCURACY OF PROPERTY LIMITS DELINEATED ON THIS DRAWING, NOR ON THE DIMENSIONAL ACCURACY OF DRAWING FEATURES RELATIVE TO THOSE PROPERTY LIMITS.

- CONSTRUCTION NOTES:**
- SEWER AND WATER SERVICES SHOWN ON DRAWING ARE APPROXIMATE ONLY.
 - LOCATION OF ALL SEWER AND WATER LINES TO BE CONFIRMED IN FIELD.
 - INSTALL NEW SEWER BY TRENCHLESS METHODS, UNLESS OTHERWISE NOTED.



SEE DWG C-232



150 WM	WATER MAIN	150 WM	HYDRO	150 WM	WATER MAIN	150 WM
Hydrant	HYDRANT	Valve	M.T.S.	Hydrant, Valve	HYDRANT, VALVE	Hydrant, Valve
300 LDS	LAND DRAINAGE SEWER	300 LDS	CONCRETE	300 LDS	LAND DRAINAGE SEWER	300 LDS
250 WWS	WASTE WATER SEWER	250 WWS	ASPHALT	250 WWS	WASTE WATER SEWER	250 WWS
Manhole	MANHOLE	Catch Basin	SIDEWALK	Centreline	CENTRELINE	Centreline
Catch Basin	CATCH BASIN	Curb Inlet	PLANNING	North/West Gutter	NORTH/WEST GUTTER	North/West Gutter
Curb Inlet	CURB INLET	Bend	PROPERTY LINE	South/East Gutter	SOUTH/EAST GUTTER	South/East Gutter
Bend	BEND	Reducer	SURVEY BAR	N/W, S/E R'S	N/W, S/E R'S	N/W, S/E R'S
Reducer	REDUCER	Legend-Plan	GAS	Legend-Profile	LEGEND-PROFILE	Legend-Profile
Legend-Plan	LEGEND-PLAN	Proposed	CURB STOP	Proposed	PROPOSED	Proposed
Proposed	PROPOSED	Existing	TEE	Existing	EXISTING	Existing
Existing	EXISTING		Legend-Plan			

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.			
D	ISSUED FOR RFQ 908-2016	11/2016	JBC
C	ISSUED FOR 95% REVIEW	09/2016	JBC
B	ISSUED FOR REVIEW	08/2016	JBC
A	ISSUED FOR REVIEW	05/2016	JBC
NO.	REVISIONS	DATE	BY

KGS GROUP CONSULTING ENGINEERS

DESIGNED BY: SDG
 DRAWN BY: JBC

ch2m

CHECKED BY: MD
 APPROVED BY:

HOR. SCALE: 1:250
 VERTICAL: 1:50

RELEASED FOR CONSTRUCTION: DATE

ENGINEER'S SEAL

PRELIMINARY NOT FOR CONSTRUCTION

CONSULTANT DRAWING NO. C-231

THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT

PROJECT TITLE: COCKBURN AND CALROSSIE COMBINED SEWER RELIEF WORKS - CONTRACT 4
 FROM STA 1+000 TO 1+040

SHEET OF 5 OF 12
 COMPUTER FILE NAME: C-231.dwg
 CITY DRAWING NUMBER: LD-7891

File name: C:\pw_workdir\ch2mhill_wbg\cortez\0204776\