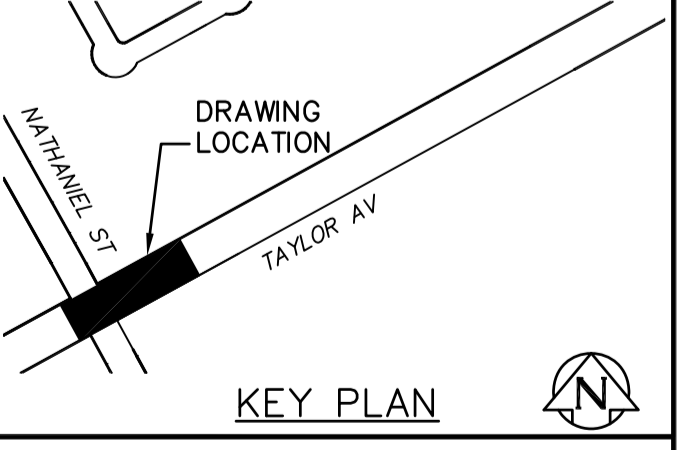


WARNING
 IF POWER EQUIPMENT OR EXPLOSIVES ARE TO BE USED FOR EXCAVATION ON THIS PROJECT THE CONTRACTOR MUST:
 1) NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.
 2) TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS.
 SEE PROVINCIAL REGULATION 210/72 FOR DETAILS

PROPERTY LIMITS DELINEATION
 DELINEATION OF PROPERTY LIMITS AS SHOWN ON THIS DRAWING 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.
 - TRAFFIC MANAGEMENT PLAN TO BE IMPLEMENTED AS PER SPECIFICATIONS DURING EACH PHASE OF CONTRACT.
 - ALL SIZING FOR SHAFTS ARE SHOWN FOR PLANNING ONLY. CONTRACTOR TO DETERMINE REQUIRED SHAFT SIZE BASED ON SELECTED METHODOLOGY.
 - CONTRACTOR'S TEMPORARY SHAFT TO HAVE A MIN. OF 1.0m OF PROPOSED LDS INSTALLED INSIDE SHAFT. SHAFT TO BE FULLY BACKFILLED WITH CONTROLLED LOW STRENGTH MATERIAL (MAX. 1MPa).

SEE DWG LD-8416 FOR CONTINUATION



EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PROFILE	PROPOSED
150 WM	WATER MAIN	150 WM	HYDRO	M.T.S.	150 WM	WATER MAIN	150 WM	HYDRANT, VALVE
300 LDS	LAND DRAINAGE SEWER	300 LDS	CONCRETE	ASPHALT	300 LDS	LAND DRAINAGE SEWER	300 LDS	LAND DRAINAGE SEWER
250 WWS	WASTE WATER SEWER	250 WWS	SIDEWALK	PLANNING	250 WWS	WASTE WATER SEWER	250 WWS	WASTE WATER SEWER
MANHOLE	CATCH BASIN	CURB INLET	BEND	REDUCER	TEE			

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.	NO.	REVISIONS	DATE	BY
	B	ISSUED FOR RFQ	11/2017	JBC
	A	ISSUED FOR REVIEW	10/2017	

KGS GROUP CONSULTING ENGINEERS

DESIGNED BY: SDG
 DRAWN BY: JBC

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-240

THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT

PROJECT TITLE
COCKBURN AND CALROSSIE COMBINED SEWER RELIEF WORKS - CONTRACT 5

FROM STA 1+400 TO STA 1+540

SHEET OF
 4 OF 25

COMPUTER FILE NAME
 C-240.dwg

CITY DRAWING NUMBER
 LD-8415

File name: C:\p_w_workdir\crt2mhill_wbg_jcortez\0436657\