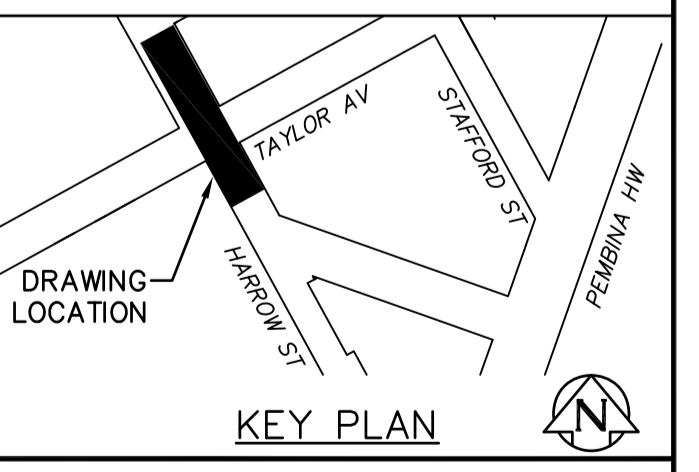


WARNING
 IF POWER EQUIPMENT OR EXPLOSIVES ARE TO BE USED FOR EXCAVATION ON THIS PROJECT THE CONTRACTOR MUST:
 1) NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.
 2) TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS.
 SEE PROVINCIAL REGULATION 210/72 FOR DETAILS

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).

APEGM
 Certificate of Authorization
 CH2M HILL Canada Ltd.
 No. 1441



File name C:\pw_workdir\ch2mhill_wbg\jcoritez\10436657\

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

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
	B	ISSUED FOR RFQ	11/2017	JBC
	A	ISSUED FOR	10/2017	

KGS GROUP CONSULTING ENGINEERS

ch2m

DESIGNED BY: SDG
 CHECKED BY: MD
 DRAWN BY: JBC
 APPROVED BY:
 HOR. SCALE: 1:250
 VERTICAL: 1:50
 RELEASED FOR CONSTRUCTION:
 DATE:

ENGINEER'S SEAL
 PRELIMINARY
 NOT FOR CONSTRUCTION
 CONSULTANT DRAWING NO.
 C-253

THE CITY OF WINNIPEG
 WATER AND WASTE DEPARTMENT

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

HARROW STREET

SHEET OF
 16 OF 25

COMPUTER FILE NAME
 C-253.dwg

CITY DRAWING NUMBER
 LD-8427