



CONSTRUCTION NOTES:

1. MAXIMUM PROJECT AREA TO BE WITHIN THE 88mX73.5m EXTENTS AS SHOWN.
2. CONTRACTOR'S SELECTED CONSTRUCTION AND LAYDOWN AREA TO BE COMPLETELY FENCED AND GATED. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
3. TREES INDICATED FOR REMOVAL MAY BE REMOVED AND TREES LISTED TO BE PROTECTED SHALL BE STRAPPED AND FENCED AROUND THEIR DRIP LINE. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
4. TEMPORARY ACCESS ROADS AND LAYDOWN AREA TO BE DESIGNED, INSTALLED AND MAINTAINED BY THE CONTRACTOR.
5. TEMPORARY ACCESS ROAD AND LAYDOWN AREA TO BE REMOVED AND RESTORED FOLLOWING CONSTRUCTION AS DIRECTED BY THE CONTRACT ADMINISTRATOR.
6. MITIGATE IMPACT FROM SITE SURFACE RUNOFF.
7. SIZING FOR SHAFTS SHOWN FOR PLANNING ONLY. CONTRACTOR TO DETERMINE REQUIRED SHAFT SIZE BASED ON SELECTED METHODOLOGY.
8. PEDESTRIAN ACCESS MUST BE MAINTAINED DURING CONSTRUCTION.

LEGEND

	TREES MAY BE REMOVED
	TREES TO BE PROTECTED

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

EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PROFILE	PROPOSED
	150 WM			HYDRO M.T.S.		150 WM		HYDRANT, VALVE
	300 LDS			CONCRETE		300 LDS		LAND DRAINAGE SEWER
	250 WWS			ASPHALT		250 WWS		WASTE WATER SEWER
	MANHOLE			SIDEWALK PLANING				NORTH/WEST GUTTER
	CATCH BASIN			PROPERTY LINE				SOUTH/EAST GUTTER
	CURB INLET			SURVEY BAR				N/W, S/E P'S
	BEND			GAS				
	REDUCER			CURB STOP				
	TEE			TEE				

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.

NO.	ISSUED FOR TENDER	DATE	BY
0	ISSUED FOR TENDER	01/2018	JBC

KGS GROUP CONSULTING ENGINEERS

DESIGNED BY: SDG
 CHECKED BY: MD
 DRAWN BY: JBC
 APPROVED BY: [Signature]

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

RELEASED FOR CONSTRUCTION: [Signature]
 DATE: June 19/18

ENGINEER'S SEAL 01-19-18

PROVINCE OF MANITOBA
 S. D. GODON
 Member 25524
 REGISTERED PROFESSIONAL ENGINEER

THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT

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

NATHANIEL STREET LAYDOWN AREA

CONSULTANT DRAWING NO. D-009

SHEET OF 3 OF 25
 COMPUTER FILE NAME: D-009.dwg
 CITY DRAWING NUMBER: LD-8414

File Name: C:\pwworkdir\ch2mhill_wbg\jcartez\40436658