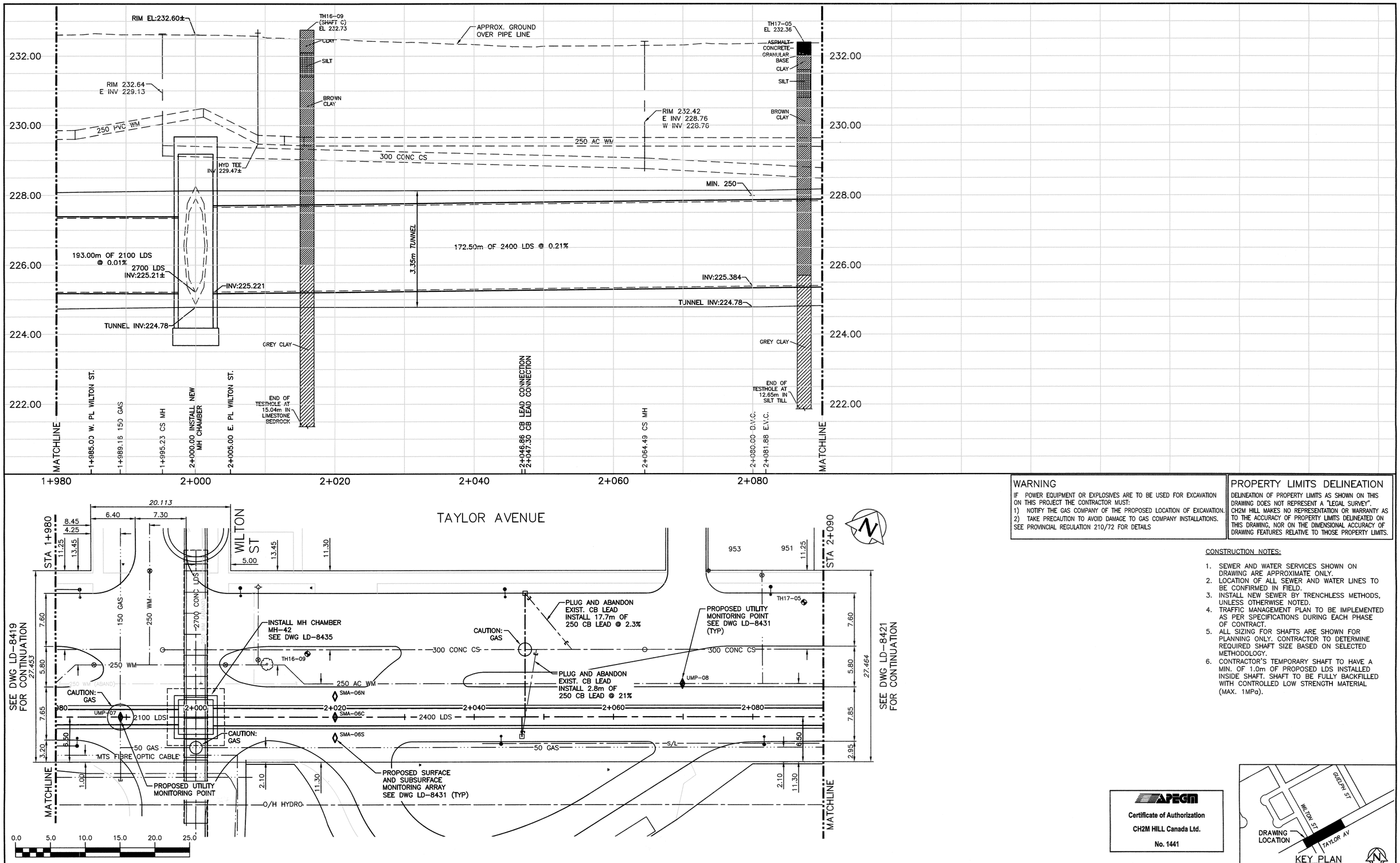

150 WM	WATER MAIN	150 WM		HYDRO		150 WM	WATER MAIN	150 WM
	HYDRANT			M.T.S.			HYDRANT, VALVE	
	VALVE			CONCRETE		300 LDS	LAND DRAINAGE SEWER	300 LDS
300 LDS	LAND DRAINAGE SEWER	300 LDS		ASPHALT		250 WWS	WASTE WATER SEWER	250 WWS
250 WWS	WASTE WATER SEWER	250 WWS		SIDEWALK			CENTRELINE	
	MANHOLE			PLANING			NORTH/WEST GUTTER	
	CATCH BASIN			PROPERTY LINE			SOUTH/EAST GUTTER	
	CURB INLET			SURVEY BAR			N/W , S/E PL'S	
	BEND			GAS				
	REDUCER			CURB STOP				
				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
0	ISSUED FOR TENDER	01/2018	JBC

KGS GROUP CONSULTING ENGINEERS

ch2m

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

ENGINEER'S SEAL
PROVINCE OF MANITOBA
DRAPER
37938
REGISTERED PROFESSIONAL ENGINEER

CONSULTANT DRAWING NO.
C-246

Winnipeg

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

PROJECT TITLE
COCKBURN AND CALROSSIE COMBINED SEWER RELIEF WORKS – CONTRACT 5
TAYLOR AVENUE
FROM STA 1+980 TO STA 2+090

SHEET OF
9 OF 25

COMPUTER FILE NAME
C-246.dwg

CITY DRAWING NUMBER
LD-8420

FileName C:\pw_workdir\ch2mhill_wbg\jcortez1\d0436657\

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:

1. SEWER AND WATER SERVICES SHOWN ON DRAWING ARE APPROXIMATE ONLY.
2. LOCATION OF ALL SEWER AND WATER LINES TO BE CONFIRMED IN FIELD.
3. INSTALL NEW SEWER BY TRENCHLESS METHODS, UNLESS OTHERWISE NOTED.
4. TRAFFIC MANAGEMENT PLAN TO BE IMPLEMENTED AS PER SPECIFICATIONS DURING EACH PHASE OF CONTRACT.
5. ALL SIZING FOR SHAFTS ARE SHOWN FOR PLANNING ONLY. CONTRACTOR TO DETERMINE REQUIRED SHAFT SIZE BASED ON SELECTED METHODOLOGY.
6. 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

KEY PLAN