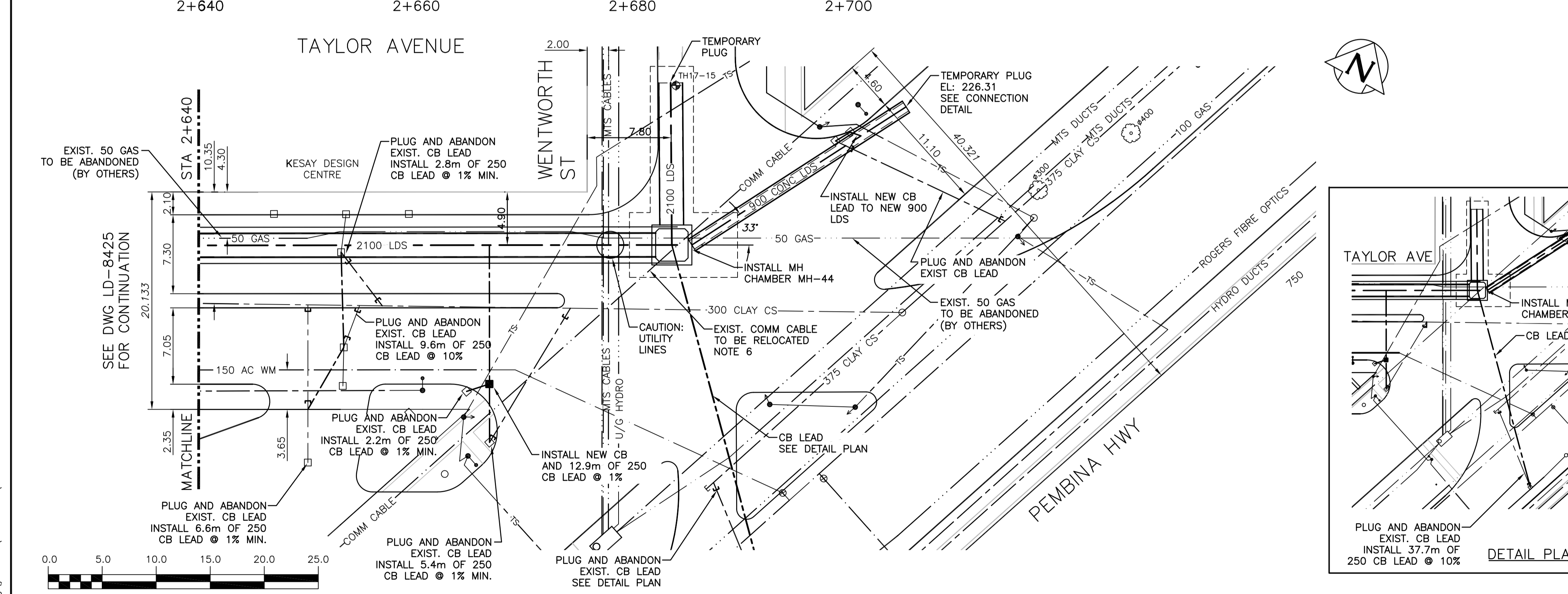
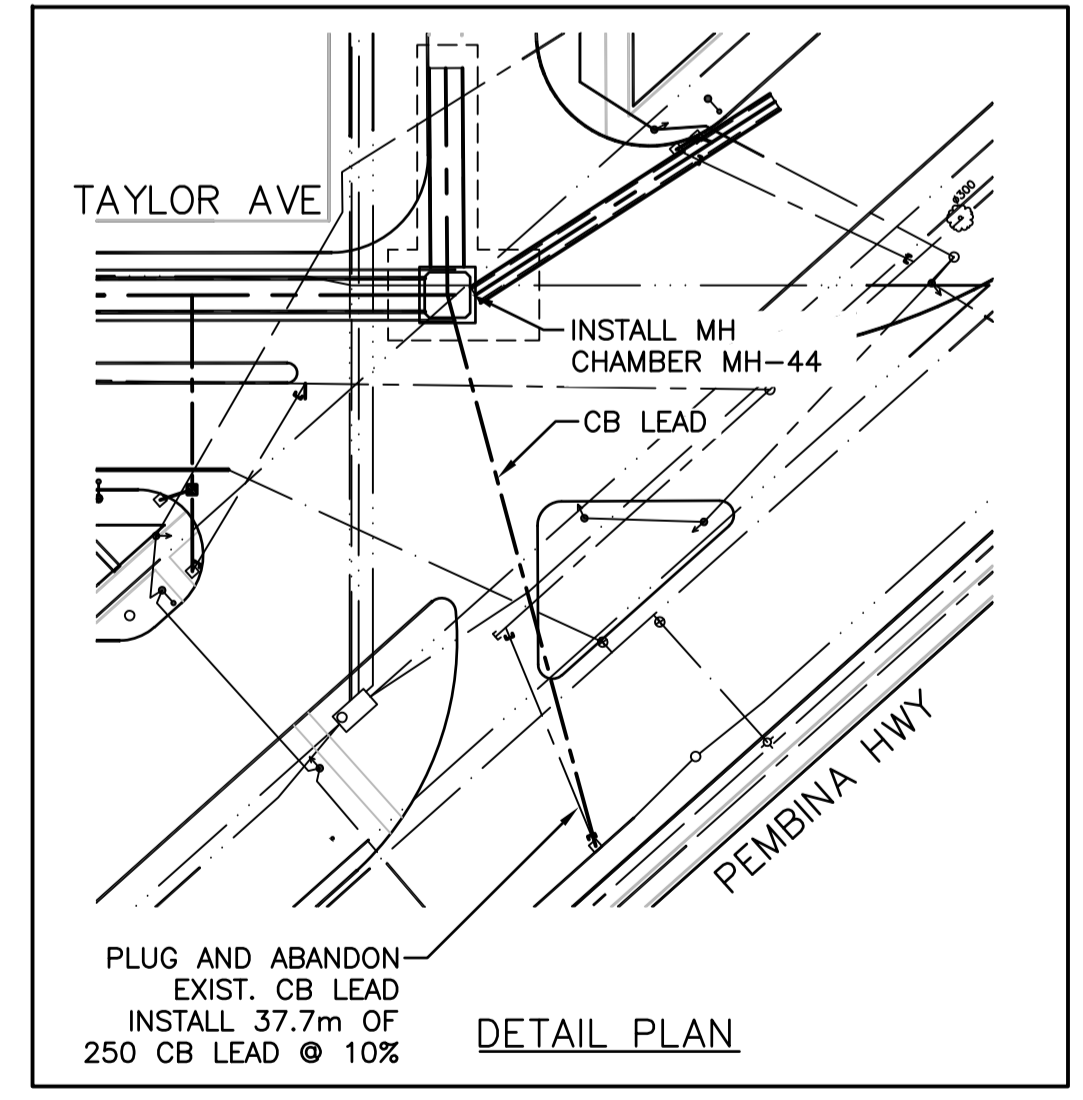


**WARNING**  
 IF POWER EQUIPMENT OR EXPLOSIVES ARE TO BE USED FOR EXCAVATION ON THIS PROJECT THE CONTRACTOR MUST:  
 1) NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.  
 2) TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS.  
 SEE PROVINCIAL REGULATION 210/72 FOR DETAILS

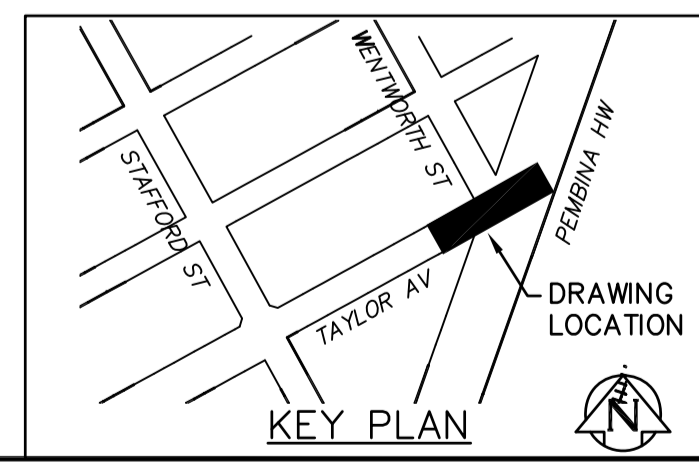
**PROPERTY LIMITS DELINEATION**  
 DELINEATION OF PROPERTY LIMITS AS SHOWN ON THIS DRAWING DOES NOT REPRESENT A "LEGAL SURVEY". CH2M HILL MAKES NO REPRESENTATION OR WARRANTY AS TO THE ACCURACY OF PROPERTY LIMITS DELINEATED ON THIS DRAWING, NOR ON THE DIMENSIONAL ACCURACY OF DRAWING FEATURES RELATIVE 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.
  - 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).
  - CONTACT TELUS TO COORDINATE (647) 837-6443



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



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	
300 LDS	LAND DRAINAGE SEWER	300 LDS	CONCRETE	CONCRETE	300 LDS	LAND DRAINAGE SEWER	300 LDS	
250 WWS	WASTE WATER SEWER	250 WWS	ASPHALT	ASPHALT	250 WWS	WASTE WATER SEWER	250 WWS	
○	MANHOLE	●	SIDEWALK	PLANNING	×	CENTRELINE		
□	CATCH BASIN	■	PROPERTY LINE	PROPERTY LINE	○	NORTH/WEST GUTTER		
▽	CURB INLET	▽	SURVEY BAR	SURVEY BAR	◇, ○	SOUTH/EAST GUTTER		
∩	BEND	∩	GAS	GAS		N/W, S/E R'S		
∩	REDUCER	∩	CURB STOP	CURB STOP				
J		J	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.	REVISIONS	DATE	BY
1	ISSUED FOR RFQ	11/2018	JBC
0	ISSUED FOR TENDER	01/2018	JBC

**KGS GROUP CONSULTING ENGINEERS**

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-252

**THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT**

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

FROM STA 2+640 TO PEMBINA HWY

SHEET OF  
 10 OF 10  
 COMPUTER FILE NAME  
 C-252.dwg  
 CITY DRAWING NUMBER  
 LD-8426

File name: C:\pw\_workdir\crt2mhill\_wbg\jcoritez\104366571