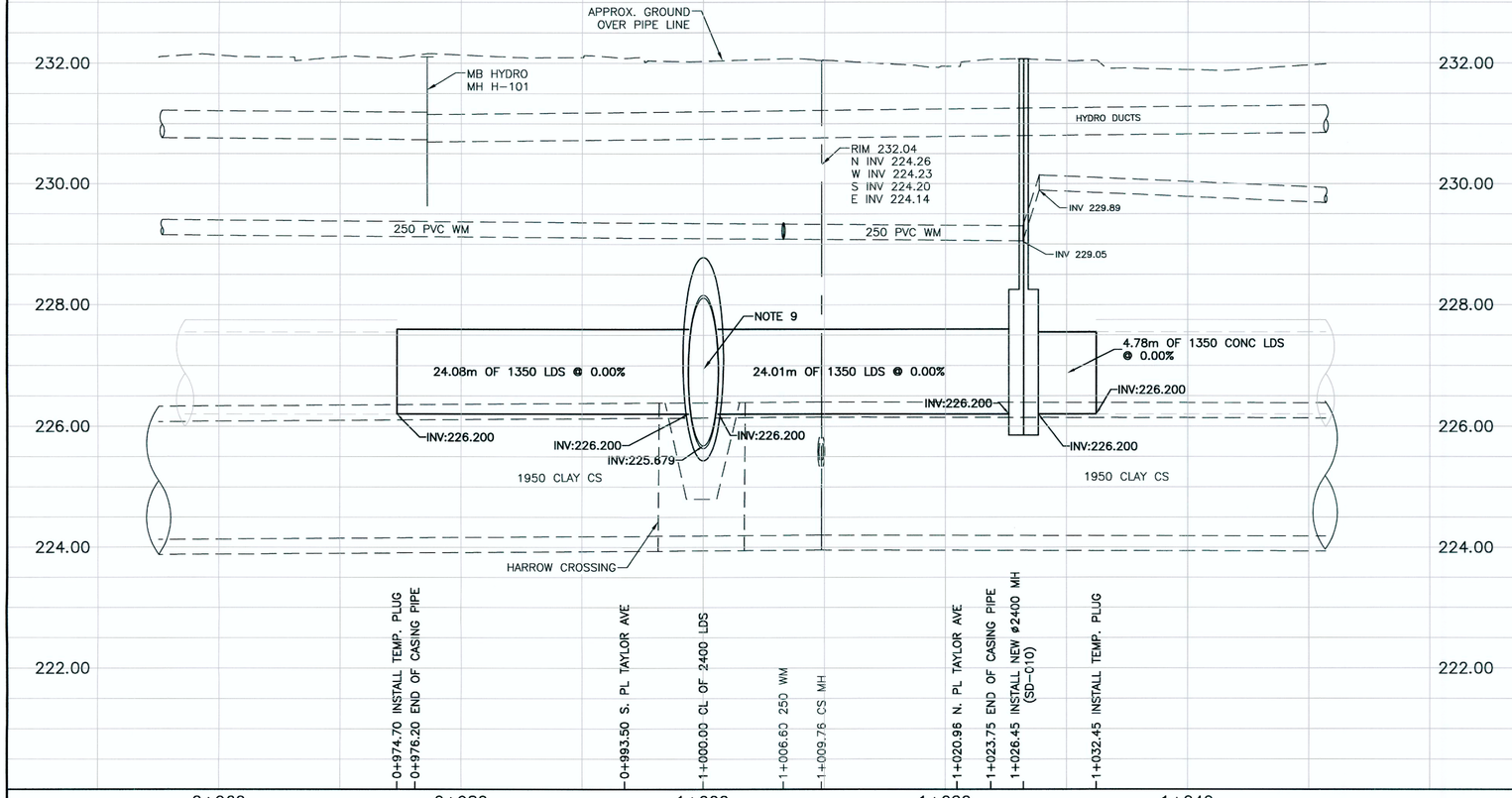
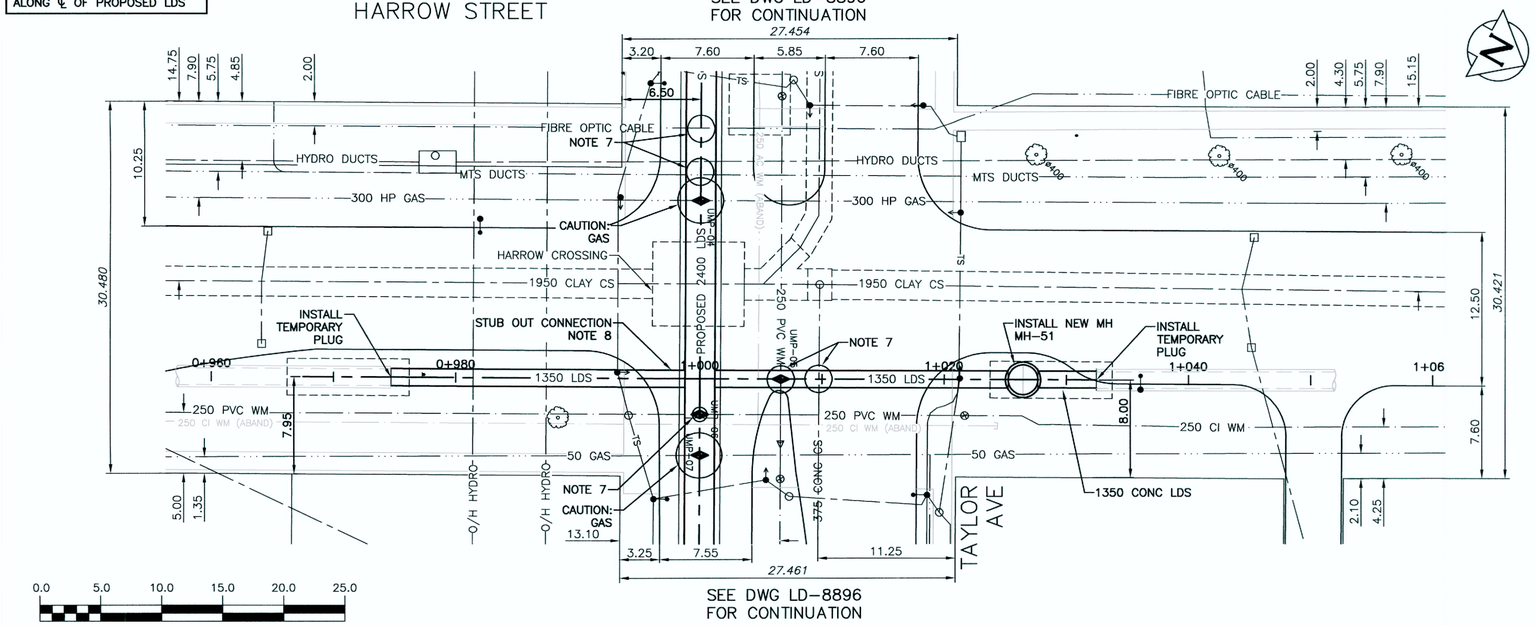


NOTE: CHAINAGES SHOWN ARE ALONG ℄ OF PROPOSED LDS

HARROW STREET

SEE DWG LD-8896 FOR CONTINUATION



SEE DWG LD-8896 FOR CONTINUATION

EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PROFILE	PROPOSED
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 ℄'S	
⊢	BEND	⊢		GAS				
⊽	REDUCER	⊽		CURB STOP				
⊐		⊐		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.

B.M. ELEV.

NO.	REVISIONS	DATE	BY
0	ISSUED FOR TENDER	01/2019	JBC

KGS GROUP CONSULTING ENGINEERS

JACOBS

DESIGNED BY SDG — CHECKED BY MD
DRAWN BY JBC — APPROVED BY RBD (KGS Group)
HOR. SCALE: 1:250 VERTICAL: 1:50 — RELEASED FOR CONSTRUCTION:
DATE 01/29/19

ENGINEER'S SEAL
PROVINCE OF MANITOBA
M. M. DRAPER
37958
REGISTERED PROFESSIONAL ENGINEER
2 October 19

CONSULTANT DRAWING NO.
C-268

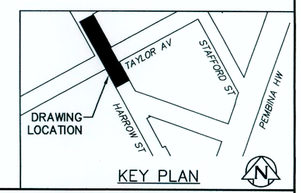
WARNING
IF POWER EQUIPMENT OR EXPLOSIVES ARE TO BE USED FOR EXCAVATION ON THIS PROJECT THE CONTRACTOR MUST:
1) NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.
2) TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS.
SEE PROVINCIAL REGULATION 210/72 FOR DETAILS

PROPERTY LIMITS DELINEATION
DELINEATION OF PROPERTY LIMITS AS SHOWN ON THIS DRAWING DOES NOT REPRESENT A "LEGAL SURVEY". JACOBS AND KGS GROUP MAKE 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 BY CONTRACTOR.
3. INSTALL NEW SEWER BY TRENCHLESS METHODS, UNLESS OTHERWISE NOTED.
4. ONLY CCFRPM ALTERNATIVE SHOWN FOR CLARITY. ADJUST INVERT FOR PIPE JACKING AS REQUIRED.
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).
7. HYDRO EXCAVATE UTILITIES PRIOR TO TUNNEL CONSTRUCTION.
8. FOR STUB OUT CONNECTION SEE LD-8902 FOR TWO-PASS OR LD-8904 FOR PIPE JACKING.
9. MID POINT OF STUB OUT TO MATCH MID POINT OF LDS TRUNK

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



KEY PLAN

Winnipeg

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

PROJECT TITLE
COCKBURN AND CALROSSIE COMBINED SEWER RELIEF WORKS – CONTRACT 5
HARROW STREET
STUB OUTS

SHEET OF 11 OF 19
COMPUTER FILE NAME C-268.dwg
CITY DRAWING NUMBER LD-8900

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