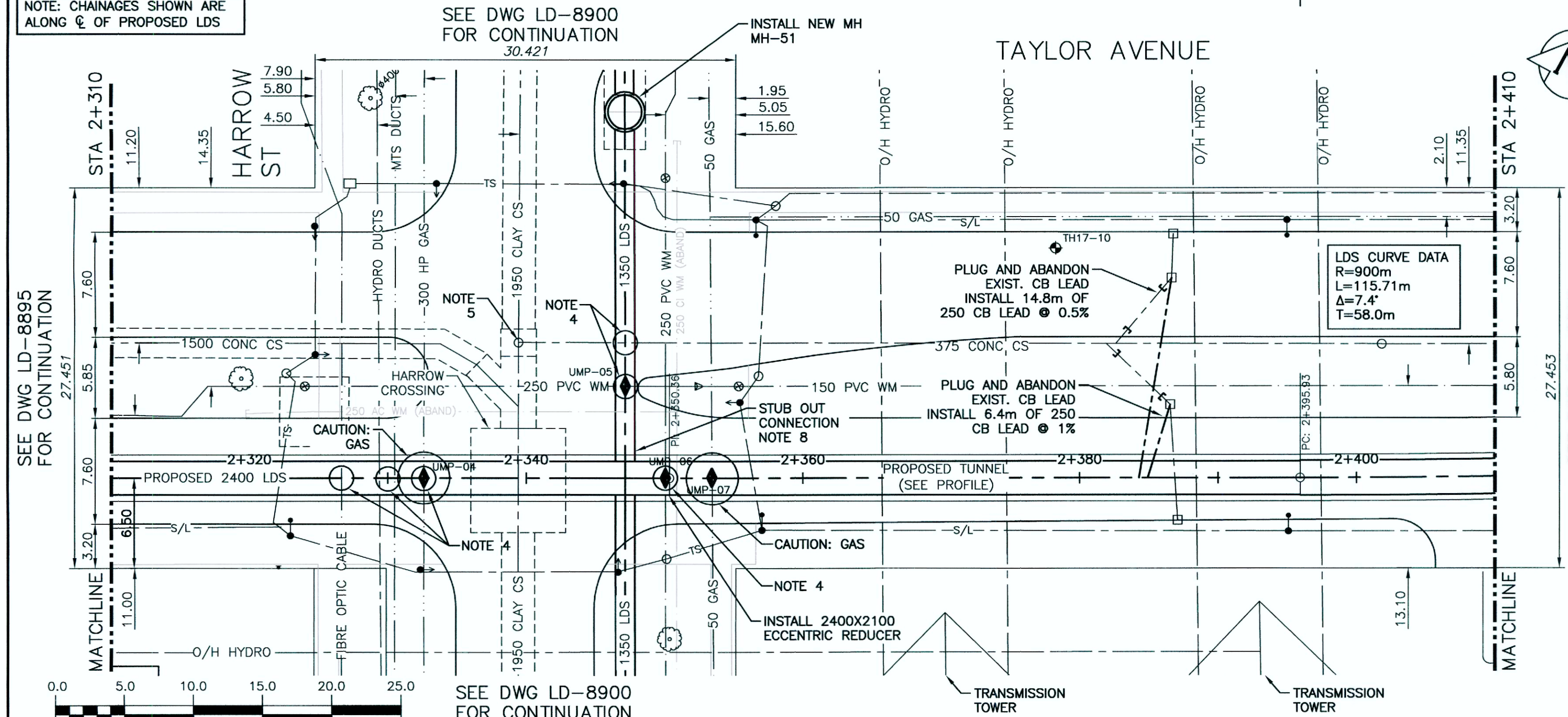


NOTE: CARRIER PIPE INVERT CONSISTENT FOR BOTH TWO-PASS (Ø2100) AND PIPE JACKING (Ø2400 MIN) TUNNELING METHODS.

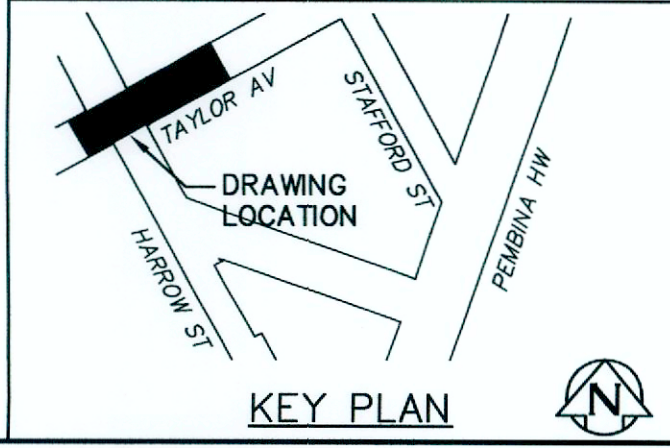
2+320 2+340 2+360 2+380 2+400



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:**
- SEWER AND WATER SERVICES SHOWN ON DRAWING ARE APPROXIMATE ONLY.
 - LOCATION OF ALL SEWER AND WATER LINES TO BE CONFIRMED IN FIELD BY CONTRACTOR.
 - INSTALL NEW SEWER BY TRENCHLESS METHODS, UNLESS OTHERWISE NOTED.
 - HYDRO EXCAVATE UTILITIES PRIOR TO CONSTRUCTION.
 - REPLACE GRATED COVER WITH SLOTTED LID AP-007.
 - CASING PIPE SHOWN FOR CONVENTIONAL TWO-PASS TUNNELING OPTION ONLY. DISREGARD FOR PIPE JACKING.
 - FOR TWO-PASS MAINTAIN A MINIMUM 250mm CLEARANCE BETWEEN TUNNEL AND CARRIER PIPE.
 - FOR STUB OUT CONNECTION SEE LD-8902 FOR TWO-PASS OR LD-8904 FOR PIPE JACKING.



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

LOCATION APPROVED UNDERGROUND STRUCTURES

SUPY. 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
0	ISSUED FOR TENDER
	DATE
	BY

KGS GROUP CONSULTING ENGINEERS

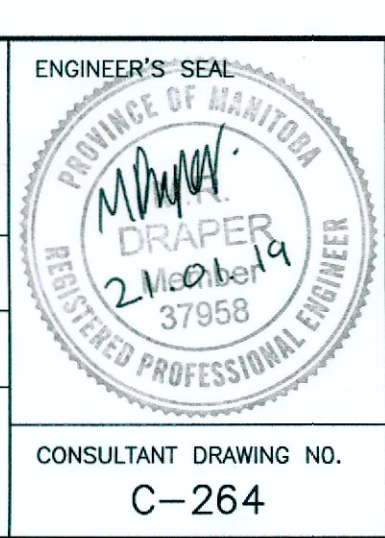
JACOBS

DESIGNED BY: SDG
DRAWN BY: JBC

CHECKED BY: MD
APPROVED BY: RISO (KGS Group)

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

RELEASED FOR CONSTRUCTION: 01/29/19



THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT

PROJECT TITLE: COCKBURN AND CALROSSIE COMBINED SEWER RELIEF WORKS - CONTRACT 5
TAYLOR AVENUE FROM STA 2+310 TO STA 2+410

SHEET OF 7 OF 19
COMPUTER FILE NAME: C-264.dwg
CITY DRAWING NUMBER: LD-8896

File Name: C:\pwworkdir\ch2mill\wbg\cortest1\0443046\