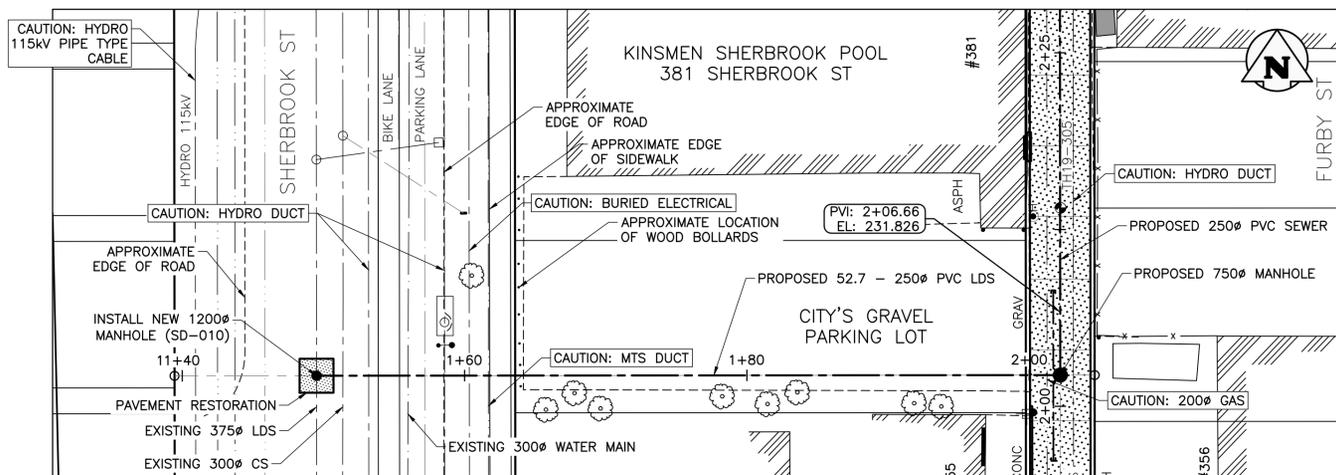


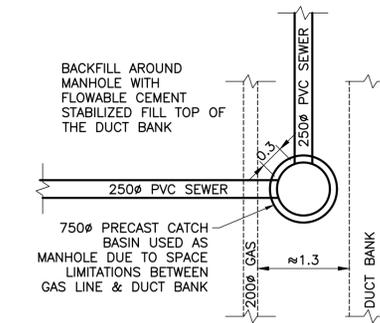
SEWER PROFILE FROM SHERBROOK TO ALLEY

SCALE: 1:250 HOR 1:10 VER



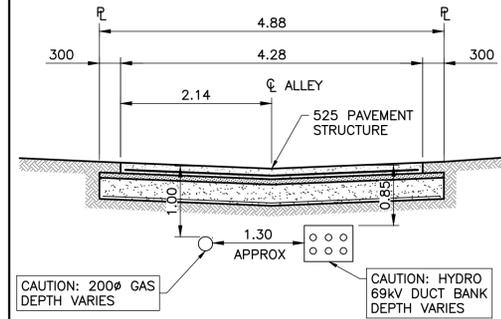
NEW SEWER TO LDS ON SHERBROOK

SCALE: 1:250 HOR



750mm PRECAST CATCH BASIN MANHOLE DETAIL

SCALE: 1:50



STATION 2+12: SPOT UTILITY LOCATE

SCALE: 1:50

CAUTION: AQUEDUCT AND/OR FEEDERMAIN OR DUCT BANK

CONTACT THE DEPARTMENT'S CONSTRUCTION SERVICES COORDINATOR AT 204-986-4289, 7 DAYS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION TO ARRANGE FOR AN INSPECTION.

PRIOR TO ANY CONSTRUCTION, THE AQUADUCT, FEEDERMAIN, OR DUCT BANK MUST BE EXPOSED BY A SOFT DIG METHOD SO AS TO CONFIRM DEPTH AND LOCATION.

A MINIMUM CLEARANCE OF 1.0 MUST BE PROVIDED BETWEEN THE UNDERSIDE OF ANY EXISTING AQUADUCT, FEEDERMAIN, OR DUCT BANK AND THE TOP OF THE PROPOSED WORKS. THIS INSTALLATION BY TRENCHLESS METHOD ONLY.

A MINIMUM CLEARANCE OF 0.5 MUST BE PROVIDED BETWEEN THE UNDERSIDE OF THE PROPOSED WORKS AND THE TOP OF ANY EXISTING AQUADUCT, FEEDERMAIN, OR DUCT BANK BY TRENCHLESS OR OPEN TRENCH.

A SHAFT MUST BE EXCAVATED BY SOFT DIG METHODS 4.0 FROM THE CENTRELINE OF THE AQUEDUCT, FEEDERMAIN, OR DUCT BANK TO CONFIRM THE ALIGNMENT AND ELEVATION OF THE DRILLING ROD BEFORE IT CROSSES OVER OR UNDER THE LARGE WATER MAIN. THIS CONFIRMATION MUST BE WITNESSED BY A CITY REPRESENTATIVE.

UTILITY CROSSINGS

- NOTES**
- STATION CHAINAGE IS BASED ON CENTERLINE OF ALLEY RIGHT OF WAY.
 - ALLEY TO BE CONSTRUCTED IN PHASES AS SHOWN.
 - REGRADE EXISTING PRIVATE SIDEWALKS, APPROACHES & REAR OR SIDEYARDS AS DIRECTED.
 - INSTALLATION OF LIP CURBS AND THEIR EXTENTS TO BE DETERMINED BY THE CONTRACT ADMINISTRATOR ON SITE.
 - CONCRETE APPROACH RENEWALS TO BE REINFORCED IN ACCORDANCE WITH CW-3230, CW-3310, & SD-237.
 - INSTALL MODIFIED BARRIER CURB AT ALL ALLEY APPROACH RADII (SD-203B).
 - ALL EXISTING TREES TO BE PROTECTED THROUGHOUT CONSTRUCTION UNLESS OTHERWISE NOTED.
 - CONTACT THE CITY OF WINNIPEG GEOMATICS BRANCH IN ADVANCE OF CONSTRUCTION TO COORDINATE MONUMENT PROTECTION SERVICES (204)-918-1360.
 - CONFIRM THE LOCATION OF ALL UTILITIES PRIOR TO COMMENCING CONSTRUCTION.
 - LIGHT STANDARDS AND HYDRO POLES MAY REQUIRE TEMPORARY SUPPORT DURING CONSTRUCTION AT THE CONTRACTOR'S EXPENSE.
 - ISOLATE ALL POLES, BASES AND PILES WITHIN ALLEY RIGHT OF WAY (SD-228C).
 - NO VIBRATORY COMPACTION PERMITTED WITHIN 1.0M OF GAS MAINS OR DUCT BANKS.
 - NO WORKS, INCLUDING CONCRETE CUTTING OR BREAKING, TO BE UNDERTAKEN NEAR GAS LINES OR DUCT BANKS UNTIL DEPTH OF COVER IS DETERMINED AND A MANITOBA HYDRO SAFETY WATCH REPRESENTATIVE IS ON SITE.
 - PROVIDE SEWER INSPECTION FOR ALL NEW SEWER PIPE INSTALLATION, POINT REPAIRS & ABANDONMENTS.
 - ALL CONCRETE JOINTING TO BE AS INDICATED BY THE CONTRACT ADMINISTRATOR ON SITE. CRITICAL JOINT LOCATIONS WILL BE LOCATED AT EVERY GRADE BREAK, STREET LIGHT OR HYDRO POLE ISOLATION, UNDERGROUND STRUCTURE ISOLATION, AND ANY INTERSECTING ALLEY. GENERAL JOINT SPACING REQUIREMENTS ARE AS INDICATED ON SD-219.

PROPERTY LIMITS DELINEATION

DELINEATION OF PROPERTY LIMITS AS SHOWN ON THIS DWG DOES NOT REPRESENT A "LEGAL SURVEY". KGS GROUP MAKES NO REPRESENTATION OR WARRANTY AS TO THE ACCURACY OF PROPERTY LIMITS DELINEATED ON THIS DWG, NOR ON THE DIMENSIONAL ACCURACY OF DWG FEATURES RELATIVE TO THOSE PROPERTY LIMITS.

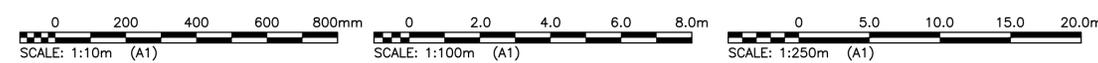
METRIC

WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES



WARNING

- NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.
- TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS.
- SEE PROVINCIAL REGULATION 210/72 FOR DETAILS.



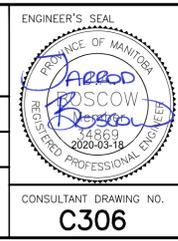
300 LDS	LAND DRAINAGE SEWER	300 LDS	- x - x -	FENCE			
250 WWS	WASTE WATER SEWER	250 WWS	—	TEST HOLE			
---	GAS	---	+	GUY WIRE			
---	HYDRO	---	••	LIGHT STANDARD			
---	M.T.S.	---	---	BACK OF CURB			
150 WM	WATER MAIN	150 WM	---	CONCRETE	X X	Q PROFILE	X X
+	HYDRANT	+	+	ASPHALT	□ □	EDGE OF ALLEY LHS	□ □
⊗	VALVE	⊗	⊗	SIDEWALK	□ □	EDGE OF ALLEY RHS	□ □
○	MANHOLE	○	---	PROPERTY LINE	◇ ◇	N/W LANE P	◇ ◇
□	CATCH BASIN	□	+	SURVEY BAR	+	S/E MEDIAN P	+
▽	CURB INLET	▽	⊙	GEODETIC BENCHMARK	⊙	GARAGE/PARKING SLAB	---
•	POLES	•	231.33	ELEVATION	(232.231)	WINDOW/DOOR SILL	---
---	LEGEND-PLAN	---	---	LEGEND-PLAN	---	---	---
---	PROPOSED	---	---	PROPOSED	---	---	---
---	EXISTING	---	---	EXISTING	---	---	---

LOCATION APPROVED UNDERGROUND STRUCTURES

LOCATIONS 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.	KGS_BASE	249.221
NO.	REVISIONS	
DATE	BY	

DESIGNED BY	JB	CHECKED BY	CR
DRAWN BY	JLF	APPROVED BY	CR
HOR. SCALE:	1:250	RELEASED FOR CONSTRUCTION:	
VERTICAL:	VARIES	DATE	2019-02-15



THE CITY OF WINNIPEG PUBLIC WORKS DEPARTMENT ENGINEERING DIVISION

PROJECT TITLE: **2019 ALLEY RENEWALS AND LOCAL IMPROVEMENT ALLEYS SHERBROOK ST/FURBY ST PORTAGE AVE TO ELLICE AVE SEWER WORKS**

SHEET **12** OF **24**

COMPUTER FILE NAME: **18-0107-017_CALL**

CITY DRAWING NUMBER: **---**

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