

SEWER JUNCTION INFORMATION FROM SEWER VIDEO INSPECTION

DISTANCE FROM MH S-MH60010062 MH AT STAFFORD ST (W. PL) TO 1ST MH W. OF STAFFORD ST.

DISTANCE(m)	DIAMETER	CLOCK
4.9	150	9
32.2	150	4
47.7	150	3
63.8	150	10
67.9	150	3
68.5	150	10
77.1	150	10

SEWER JUNCTION INFORMATION FROM SEWER VIDEO INSPECTION

DISTANCE FROM MH S-MH60009981 1ST MH W. OF STAFFORD ST TO MH AT HARROW ST

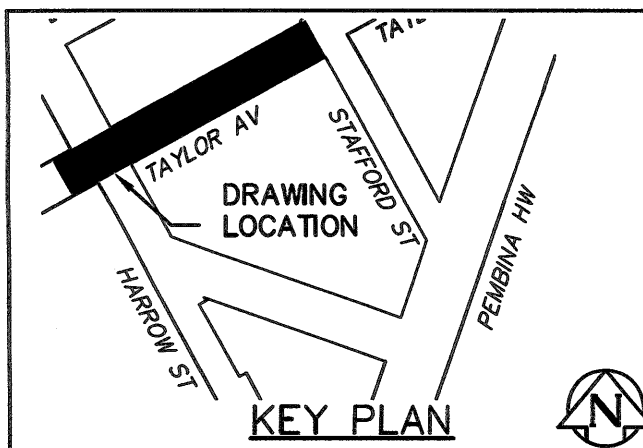
DISTANCE(m)	DIAMETER	CLOCK
9.8	150	10
19.2	150	2
19.9	150	11

- 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.
  - TRAFFIC MANAGEMENT PLAN TO BE IMPLEMENTED AS PER SPECIFICATIONS DURING EACH PHASE OF CONTRACT.

- NOTES:**
- REGRADE WATER AND SEWER SERVICES AS REQUIRED.
- TEMPORARY CB CONNECTIONS TO NEW SEWER MAY BE REQUIRED UNTIL LDS IN TUNNEL IS CONSTRUCTED.

**MANHOLE SCHEDULE**

REFERENCE	NORTHING	EASTING
MH-04	5524434.599	632639.331
MH-05	5524457.428	632680.985



150 WM	WATER MAIN	150 WM	HYDRO	150 WM	WATER MAIN	150 WM
⊕	HYDRANT	⊕	M.T.S.	⊕	HYDRANT, VALVE	⊕
⊕	VALVE	⊕	CONCRETE	⊕	LAND DRAINAGE SEWER	⊕
⊕	LAND DRAINAGE SEWER	⊕	ASPHALT	⊕	WASTE WATER SEWER	⊕
⊕	WASTE WATER SEWER	⊕	SIDEWALK	⊕	CENTRELINE	⊕
⊕	MANHOLE	⊕	PLANING	⊕	NORTH/WEST GUTTER	⊕
⊕	CATCH BASIN	⊕	PROPERTY LINE	⊕	SOUTH/EAST GUTTER	⊕
⊕	CURB INLET	⊕	SURVEY BAR	⊕	N/W, S/E R'S	⊕
⊕	BEND	⊕	GAS	⊕		⊕
⊕	REDUCER	⊕	CURB STOP	⊕		⊕
⊕		⊕	TEE	⊕		⊕
⊕	EXISTING	⊕	LEGEND-PLAN	⊕	EXISTING	⊕
⊕	LEGEND-PLAN	⊕	PROPOSED	⊕	LEGEND-PROFILE	⊕
⊕		⊕	EXISTING	⊕		⊕
⊕		⊕	PROPOSED	⊕		⊕

**LOCATION APPROVED UNDERGROUND STRUCTURES**

SUPV. U/G STRUCTURES COMMITTEE DATE

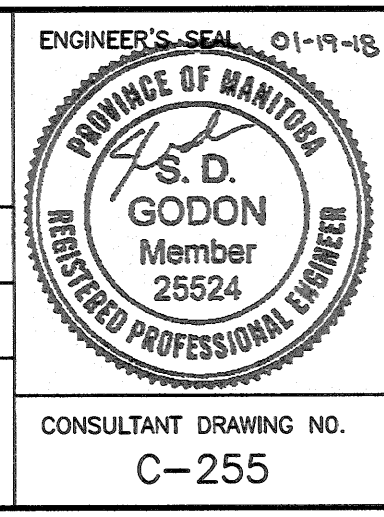
**NOTE:**

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.

**KGS GROUP CONSULTING ENGINEERS**

**ch2m**

DESIGNED BY: SDG  
 CHECKED BY: MD  
 DRAWN BY: JBC  
 APPROVED BY: [Signature]  
 HOR. SCALE: 1:250  
 VERTICAL: 1:50  
 ISSUED FOR TENDER: 01/2018  
 DATE: [Signature]



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

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

TAYLOR AVENUE SEWER RELOCATION

SHEET OF 18 OF 25

COMPUTER FILE NAME: C-255.dwg

CITY DRAWING NUMBER: LD-8429

File Name: C:\p\_w\workdir\en2mhill\_wbg\jortez\40436657\