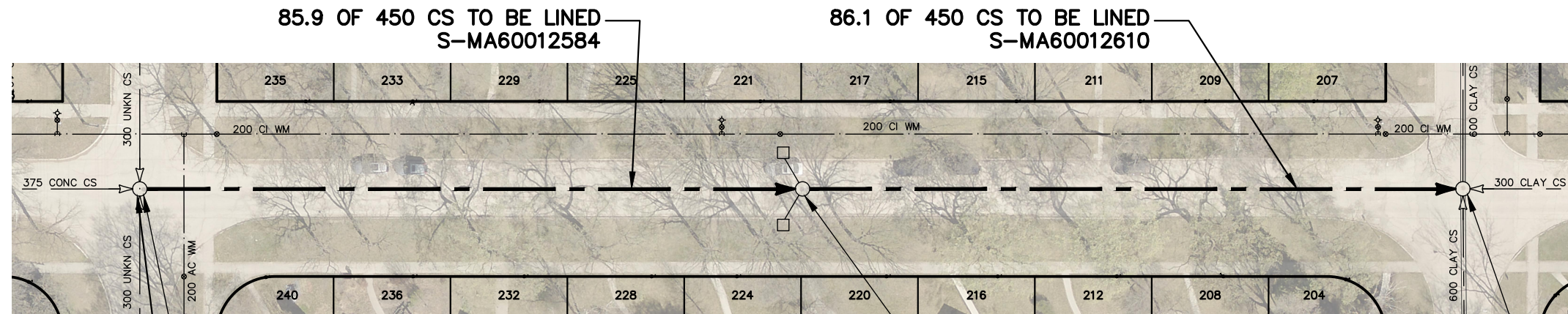


CLARE AVENUE



85.9 OF 450 CS TO BE LINED
S-MA60012584

86.1 OF 450 CS TO BE LINED
S-MA60012610

S-MH60010763
RIM 231.13
INV E 227.46
INV S 227.54
INV W 227.16
INV N 227.54

**REPLACE MANHOLE
FRAME AND COVER**

S-MH60010760
RIM 230.58
INV E 226.90
INV W 226.90

S-MH60010789
RIM 230.80
INV E 226.74
INV S 226.60
INV W 226.90
INV N 226.51

CASEY ST

FISHER ST

SEWER JUNCTION INFORMATION FROM SEWER VIDEO INSPECTION SEWER ID S-MA60012610		
DISTANCE FROM MH ID S-MH60010760		
DISTANCE	DIAMETER	CLOCK
15.0	150	2
15.6	150	10
27.7	150	2
30.3	150	10
44.7	150	2
45.2	150	10
52.1	150	11
56.9	150	2
66.7	150	10
75.7	150	2
76.4	150	10

SEWER JUNCTION INFORMATION FROM SEWER VIDEO INSPECTION SEWER ID S-MA60012584		
DISTANCE FROM MH ID S-MH60010763		
DISTANCE	DIAMETER	CLOCK
24.4	150	10
39.0	150	2
39.6	150	2
54.4	150	2
54.9	150	10
67.9	150	2
70.2	150	10
76.0	150	10

WARNING

IF POWER EQUIPMENT OR EXPLOSIVES ARE TO BE USED FOR EXCAVATION ON THIS PROJECT THE CONTRACTOR MUST:

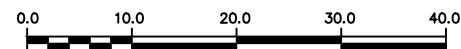
- 1) NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.
- 2) TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS.

SEE PROVINCIAL REGULATION 210/72 FOR DETAILS

FOR INDEX SEE
12443

METRIC

WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES



LOCATION APPROVED
UNDERGROUND STRUCTURES

B.M.
ELEV.

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

DESIGNED BY	SC	CHECKED BY	SC
DRAWN BY	RS	APPROVED BY	KZ
SCALE:		RELEASED FOR CONSTRUCTION	
HORIZONTAL	1:750		
VERTICAL			
DATE	2020 04 23	DATE	2020-04-22

ENGINEER'S SEAL

ORIGINAL
SIGNED BY
S.R.J.
COURNOYER
2020/04/17

CONSULTANT DRAWING NUMBER



THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

2020 SEWER MAIN RENEWALS
BY CIPP LINING
CLARE AVENUE
MH AT CASEY STREET TO
MH AT FISHER STREET

SHEET 16 OF 60

CITY DRAWING NUMBER

12457

PLOT DATE: 2020 04 23

BID OPPORTUNITY: 197-2020
CONTRACT NUMBER: 6

FILE PATH: R:\DRAWINGS\SEWER\2019 RENEWALS\RENEWALS & ASSOCIATED WORKS\2019 supplementals\CONTRACT #6\Construction Dwg\SIGNED CONSTRUCTION DRAWINGS\
FILE NAME: 197-2020_Drawing_D-12457-R0.dwg