

NOTE: CHAINAGES SHOWN ARE ALONG N. R.L. OF NOTRE DAME ST.

INSTALLATION EQUIPMENT FOR THE PROPOSED WORKS SHALL NOT CROSS OR TRAVEL ALONG EITHER SIDE OF THE AQUEDUCT WITHIN A LATERAL DISTANCE OF 5.0 METERS FROM THE CENTERLINE OF THE AQUEDUCT AND/OR FEEDERMAN.

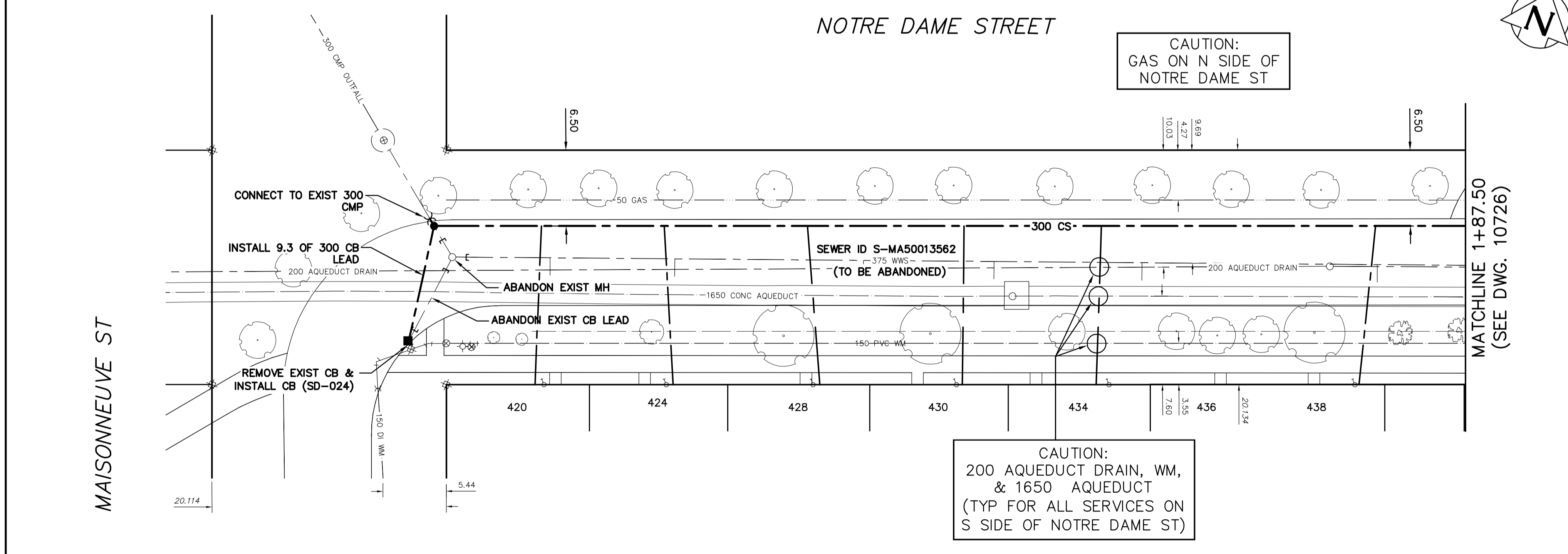
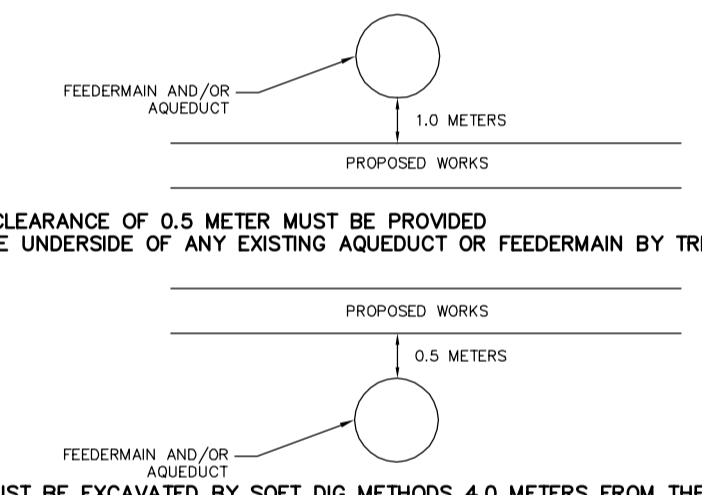
CONCRETE DEMOLITION AND REMOVAL WITHIN 3 METERS HORIZONTALLY OF THE AQUEDUCT AND/OR FEEDERMAN SHALL BE COMPLETED BY SAWCUTTING AND REMOVAL, OR BY THE USE OF HAND HELD JACKHAMMERS. USE OF MACHINE MOUNTED CONCRETE BREAKERS ABOVE THE AQUEDUCT AND/OR FEEDERMAN SHALL NOT BE PERMITTED.

DO NOT OPERATE VIBRATORY EQUIPMENT OVER OR WITHIN 3.0 METERS OF THE AQUEDUCT AND/OR FEEDERMAN.

A MINIMUM CLEARANCE OF 1.0 METER MUST BE PROVIDED BETWEEN THE UNDERSIDE OF ANY EXISTING AQUEDUCT OR FEEDERMAN AND THE TOP OF THE PROPOSED WORKS. THIS INSTALLATION BY TRENCHLESS METHOD ONLY.

A MINIMUM CLEARANCE OF 0.5 METER MUST BE PROVIDED BETWEEN THE UNDERSIDE OF ANY EXISTING AQUEDUCT OR FEEDERMAN BY TRENCHLESS OR OPEN TRENCH.

A SHAFT MUST BE EXCAVATED BY SOFT DIG METHODS 4.0 METERS FROM THE CENTERLINE OF THE AQUEDUCT AND/OR FEEDERMAN TO CONFIRM THE ALIGNMENT AND ELEVATION OF THE DRILLING ROD BEFORE IT CROSSES OVER OR UNDER THE AQUEDUCT AND/OR FEEDERMAN. THIS CONFIRMATION MUST BE WITNESSED BY A CITY REPRESENTATIVE.



CAUTION: 200 AQUEDUCT DRAIN, WM, & 1650 AQUEDUCT (TYP FOR ALL SERVICES ON S SIDE OF NOTRE DAME ST)

SEWER JUNCTION INFORMATION FROM SEWER VIDEO INSPECTION
SEWER ID S-MA50013562

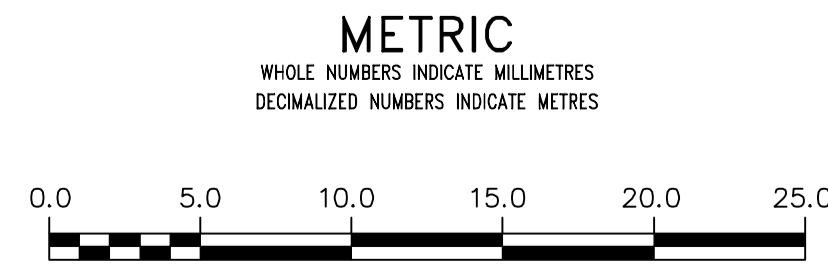
DISTANCE FROM MH ID S-MH50010865	DIAMETER	CLOCK
8.4	150	2
19.1	150	2
35.3	150	2
46.5	150	2
59.2	150	2
79.4	150	2
98.4	150	2

SEWER JUNCTION INFORMATION FROM SEWER VIDEO INSPECTION
SEWER ID S-MA50009837

DISTANCE FROM MH ID S-MH50008094	DIAMETER	CLOCK
22.7	150	2
36.9	150	2
50.2	150	2
51.3	150	10
61.1	150	2
74.9	150	2
87.6	150	2
94.7	150	10
101.2	150	2
105.9	150	11

SEWER SERVICE INFORMATION

ADDRESS	SIZE (mm) MATERIAL	R DIST JUNCTION TIE	REMARKS
420 RUE NOTRE DAME	-	4.66 W OF EL	RENEW TO R W/150 PVC
424 RUE NOTRE DAME	-	8.92 E MH AT MAISONNEUVE	RENEW TO R W/150 PVC
428 RUE NOTRE DAME	-	4.69 W OF EL	RENEW TO R W/150 PVC
430 RUE NOTRE DAME	-	21.02 E MH AT MAISONNEUVE	RENEW TO R W/150 PVC
434 RUE NOTRE DAME	-	4.28 W OF EL	RENEW TO R W/150 PVC
438 RUE NOTRE DAME	-	33.22 E MH AT MAISONNEUVE	RENEW TO R W/150 PVC
439 RUE NOTRE DAME	-	3.92 W OF EL	RENEW TO R W/150 PVC
442 RUE NOTRE DAME	-	44.79 E MH AT MAISONNEUVE	RENEW TO R W/150 PVC
444 RUE NOTRE DAME	-	4.36 W OF EL	RENEW TO R W/150 PVC
446 RUE NOTRE DAME	-	57.29 E MH AT MAISONNEUVE	RENEW TO R W/150 PVC
448 RUE NOTRE DAME	-	1.88 W OF EL	SHARED W/#438
450 RUE NOTRE DAME	-	93.55 E MH AT MAISONNEUVE	RENEW TO R W/150 PVC
452 RUE NOTRE DAME	-	1.88 W OF EL	SHARED W/#438
454 RUE NOTRE DAME	-	93.55 E MH AT MAISONNEUVE	RENEW TO R W/150 PVC
456 RUE NOTRE DAME	-	7.73 W OF EL	RENEW TO R W/150 PVC
458 RUE NOTRE DAME	-	96.60 E MH AT MAISONNEUVE	RENEW TO R W/150 PVC
460 RUE NOTRE DAME	-	-	RENEW TO R W/150 PVC
462 RUE NOTRE DAME	-	5.16 W OF EL	RENEW TO R W/150 PVC
464 RUE NOTRE DAME	-	13.40 E MH AT NADEAU	RENEW TO R W/150 PVC
466 RUE NOTRE DAME	-	3.84 W OF EL	RENEW TO R W/150 PVC
468 RUE NOTRE DAME	-	25.29 E MH AT NADEAU	RENEW TO R W/150 PVC
470 RUE NOTRE DAME	-	7.42 W OF EL	RENEW TO R W/150 PVC
472 RUE NOTRE DAME	-	35.05 E MH AT NADEAU	RENEW TO R W/150 PVC
474 RUE NOTRE DAME	-	3.96 W OF EL	RENEW TO R W/150 PVC
476 RUE NOTRE DAME	-	52.73 E MH AT NADEAU	RENEW TO R W/150 PVC
478 RUE NOTRE DAME	-	5.29 W OF EL	RENEW TO R W/150 PVC
480 RUE NOTRE DAME	-	64.02 E MH AT NADEAU	RENEW TO R W/150 PVC
482 RUE NOTRE DAME	-	4.89 W OF EL	RENEW TO R W/150 PVC
484 RUE NOTRE DAME	-	77.74 E MH AT NADEAU	RENEW TO R W/150 PVC
486 RUE NOTRE DAME	-	4.64 W OF EL	RENEW TO R W/150 PVC
488 RUE NOTRE DAME	-	104.87 E MH AT NADEAU	RENEW TO R W/150 PVC
490 RUE NOTRE DAME	-	8.62 W OF EL	RENEW TO R W/150 PVC
492 RUE NOTRE DAME	-	105.20 E MH AT NADEAU	RENEW TO R W/150 PVC



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

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. _____
CONSTRUCTION COMPLETION DATE: YYYY MM DD

NO.	REVISIONS	DATE	BY

DESIGNED BY: TS
DRAWN BY: RS
SCALE: HORIZONTAL 1:250, VERTICAL 1:50
DATE: 2014 01 02
PLOT DATE: 2014 01 06

CHECKED BY: SC
APPROVED BY: KZ
RELEASED FOR CONSTRUCTION: _____
DATE: _____

ENGINEER'S SEAL
ORIGINAL SIGNED BY S.R.J. COURNOYER 14-01-06
CONSULTANT DRAWING NUMBER: _____

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

2013 SEWER RENEWALS AND REPAIRS
NOTRE DAME STREET
MH AT MAISONNEUVE STREET TO
MH AT NADEAU STREET

SHEET 28 OF 32
CITY DRAWING NUMBER 10724