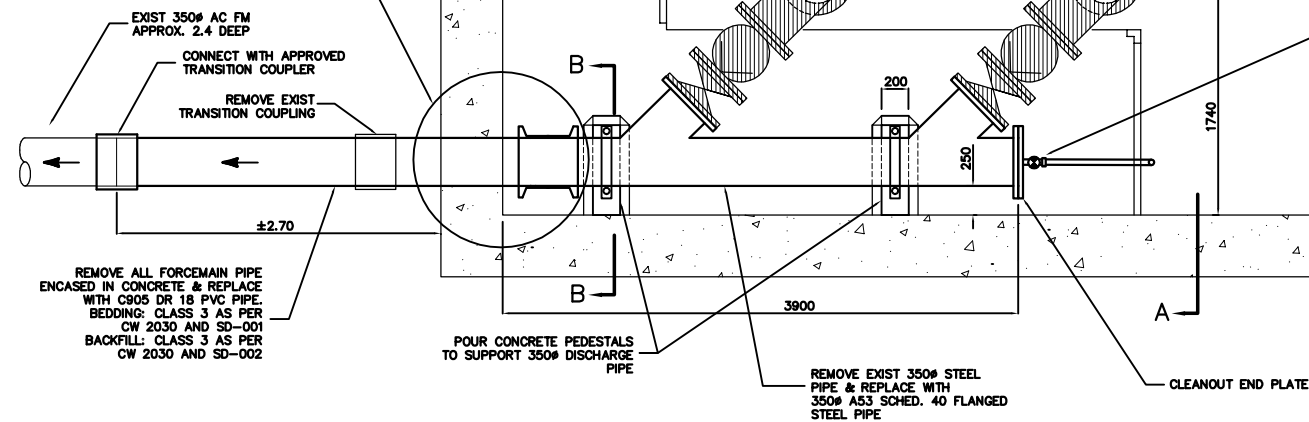
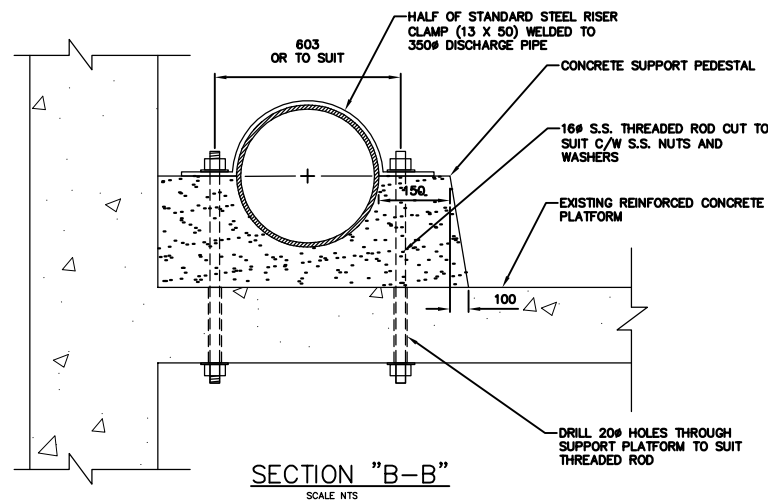


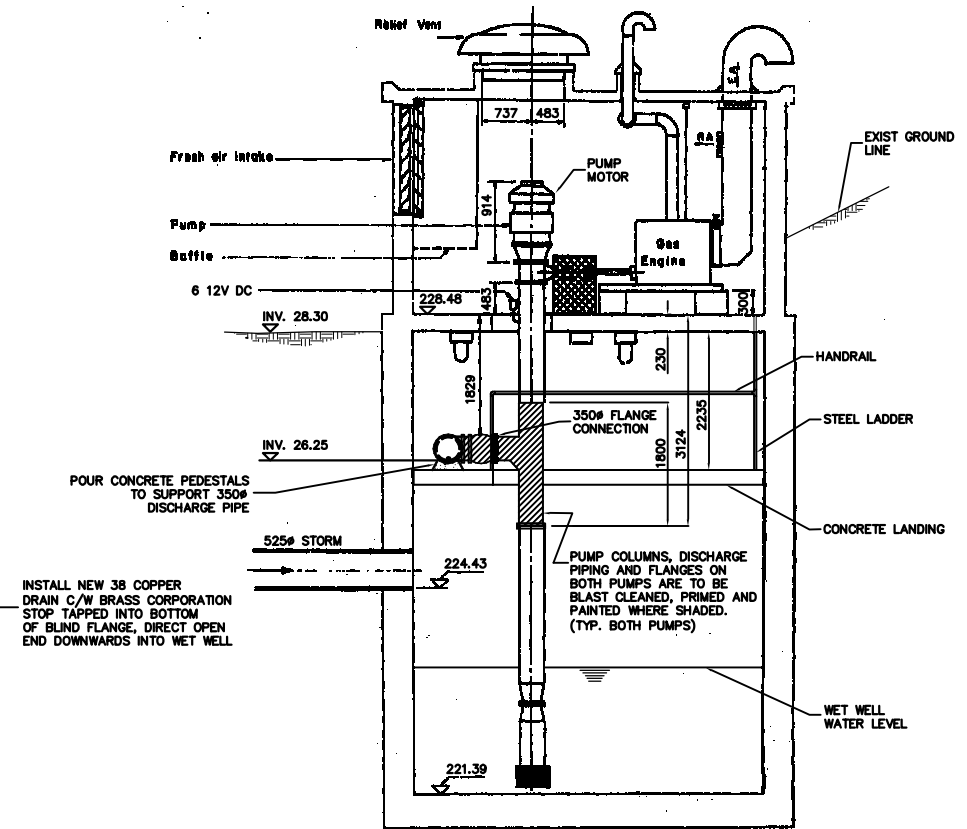
DETAIL "A"  
SCALE NTS



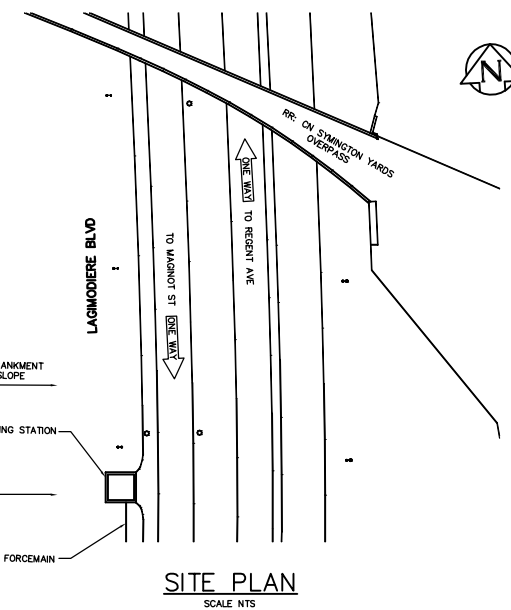
PLAN VIEW ELEV 228.0  
SCALE 1:25



SECTION "B-B"  
SCALE NTS



SECTION A-A  
SCALE 1:50



SITE PLAN  
SCALE NTS

NOTES

1. THE EXISTING FORCEMAIN OUTSIDE THE STATION IS APPROXIMATELY 2.1 METERS DEEP AND ENCASED IN CONCRETE. THE EXTENTS OF THE CONCRETE ARE UNKNOWN BUT IS BELIEVED TO BE 1.5 METERS WIDE AND 1.0 METERS THICK BY EXTEND AT LEAST 3.0 METRES SOUTH OF THE STATION.
2. ALL PVC PIPE IS TO BE C905 DR18.
3. ALL PIPE SHOWN IN BOLD OUTLINE IS TO BE NEW PIPE.
4. ALL NEW STEEL PIPE IS TO BE ASTM A53 SCHEDULE 30 WITH FLANGED ENDS WHERE REQUIRED AND SHALL BE PRIMED AND PAINTED AS PER THE SPECIFICATIONS.
5. ALL SHADED EXISTING PIPE AND VALVES ARE TO REMAIN AND BE BLAST CLEANED, PRIMED AND PAINTED AS PER THE SPECIFICATIONS.
6. WORK AREA MUST BE TARPED SO THAT NO DEBRIS FROM CLEANING OR PAINTING ENTERS WET WELL.
7. ALL FLANGES ARE TO BE 150 LB. TO ANSI B16.5.
8. ALL GASKETS ARE TO BE FULL-FACED RED RUBBER.
9. ALL NUTS AND BOLTS SHALL BE TYPE 316 STAINLESS STEEL.
10. LOCATION OF EXISTING FITTINGS AND LENGTHS AND DIMENSIONS FOR NEW PIPING IS TO BE FIELD MEASURED AND CONFIRMED BY THE CONTRACTOR.
11. COMPLY WITH WORKPLACE SAFETY AND HEALTH REQUIREMENTS FOR WORKING ON AND DISPOSING OF AC PIPE.

B.M. 35-024  
ELEV. 230.714

CITY OF WINNIPEG  
WATER AND WASTE  
ENGINEERING DIVISION

ENGINEER'S SEAL

ORIGINAL SIGNED  
BY K.R. ZUREK  
04/01/21

DESIGNED BY	NC	CHECKED BY	TW
DRAWN BY	CJH	APPROVED BY	KZ
SCALE	AS SHOWN	RELEASED FOR CONSTRUCTION	

NO.	REVISIONS	DATE	BY
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DATE	2003.03.27	DATE	
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FILENAME: METRO20\_PUMPSTA.dwg

THE CITY OF WINNIPEG  
WATER AND WASTE DEPARTMENT

METRO ROUTE 20  
PUMPING STATION PIPING MODIFICATIONS

SHEET 1 OF 1

LD-2990

METRIC  
WHOLE NUMBERS INDICATE MILLIMETRES  
DECIMALIZED NUMBERS INDICATE METRES