

GENERAL NOTES:

1. DIMENSIONS ARE NOT TO SCALE.

2. EXISTING DETAILS AND DIMENSIONS SHOWN ON ALL DRAWINGS ARE TAKEN FROM ORIGINAL CONTRACT DOCUMENTS. ACTUAL CONDITIONS MAY VARY. CONTRACTOR SHALL BE **RESPONSIBLE FOR VERIFYING EXISTING CONDITIONS PRIOR TO** COMMENCING WITH THE WORK.

3. ALL UNITS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.

ALL EXPOSED CONCRETE EDGES TO BE CHAMFERED 20 mm. ALL CONCRETE (SLABS, FOOTING & CAISSONS) CSA A23.1, EXPOSURE CLASS S-1 f'c - 35 MPa @ 28 DAYS AIR CONTENT 5% - 8%

REINFORCING STEEL SHALL CONFORM TO CSA G30.18 GRADE

2. REINFORCING STEEL SHALL BE HOT DIPPED GALVANIZED IN ACCORDANCE WITH CSA G164 TO A MINIMUM ZINC THICKNESS

3. CONCRETE CLEAR COVER SHALL BE 75 UNLESS NOTED

WELDED WIRE FABRIC SHALL CONFIRM TO CSA-G30.15 M.

WELDED WIRE FABRIC SHALL BE HOT DIPPED GALVANIZED IN ACCORDANCE WITH CSA G164.

1. ALL STRUCTURAL PIPES TO SHALL BE 250 Ø XXS, GALVANIZED.

CORRUGATED STEEL PIPES (CSP):

1. ALL CSP'S SHALL BE 600 Ø 14 GAUGE GALVANIZED.

CONSTRUCTION SEQUENCE:

INSTALL PILES C/W WITH PIPE INSERTS TO UNDERSIDE OF CONCRETE FOOTING.

2. CONSTRUCT CONCRETE FOOTING. TOP ELEVATION TO MATCH EXISTING CURB GRADES.

INSTALL 600 Ø CULVERTS AND ADD CONCRETE BASE INFILL AND COMPLETE STEEL PIPE INFILL.

INSTALL SPRAY FOAM IN CULVERT AND INSTALL BOLLARD TOP

THE CITY OF WINNIPEG

WATER AND WASTE DEPARTMENT **ENGINEERING DIVISION**

		A N	
F	BOLLARDS SHEET 1	OF	2
N	PUMPING STATION		

D1	367	73

SHEET 1 OF 2

CITY DRAWING NUMBER