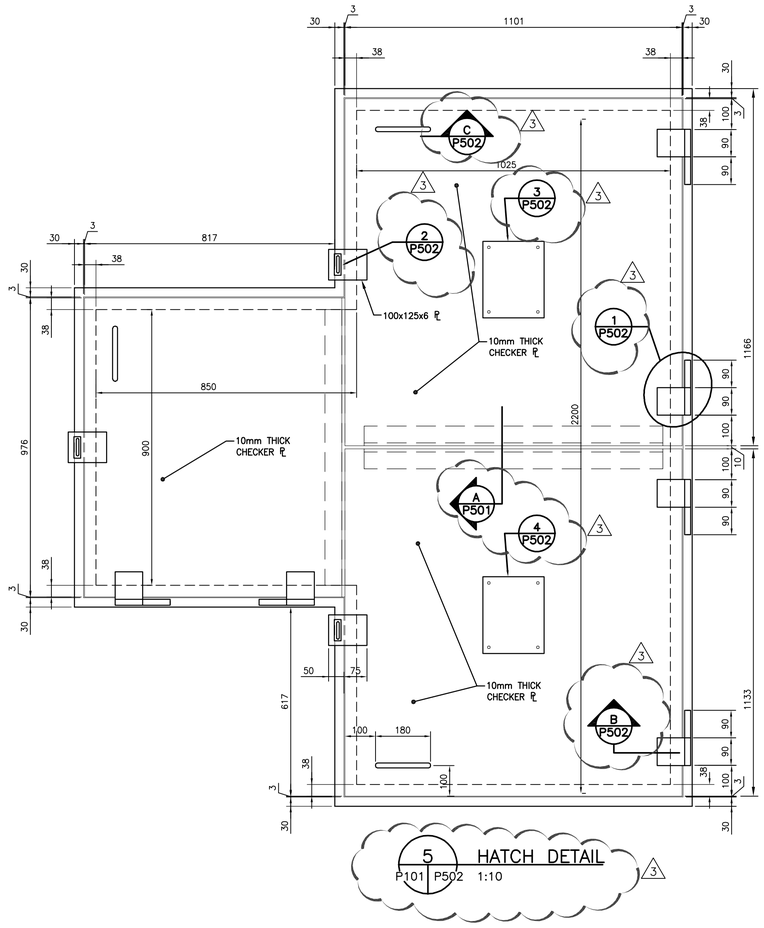
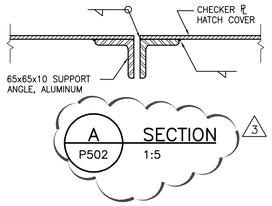
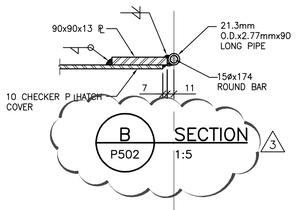
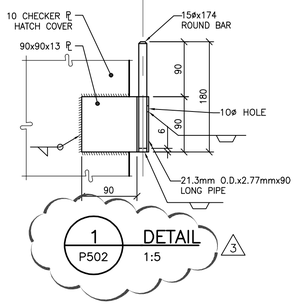
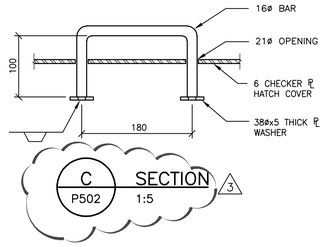
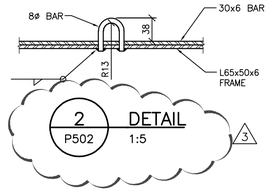


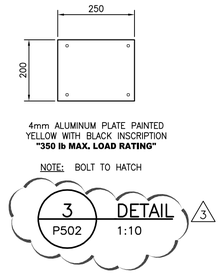


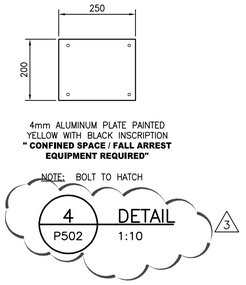






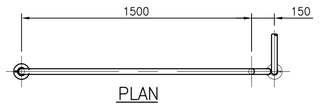


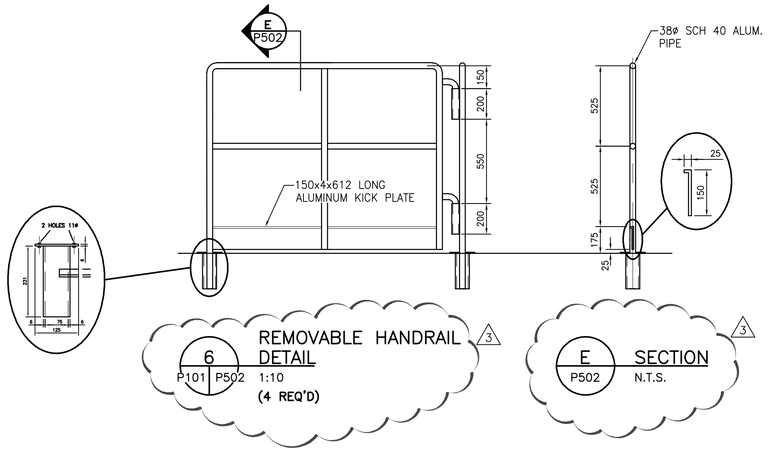




MISCELLANEOUS METALS

1. ALL MISCELLANEOUS METALS ARE ALUMINUM TO CSA HA4– GS11N, 6061–T6 ALLOY. UNLESS INDICATED OTHERWISE.
2. STRUCTURAL STEEL: CSA G40.21 TYPE 300W.
3. APPLY ISOLATION COATING TO ALUMINUM SURFACES TO BE EMBEDDED IN OR IN CONTACT WITH CONCRETE.
4. GALVANIZE ALL STEEL MISCELLANEOUS METAL INDICATED AS STEEL OR GALVANIZED AFTER FABRICATION.
5. ANCHOR BOLTS: STAINLESS STEEL HVA HILTI AS NOTED
6. SUBMIT SHOP DRAWINGS FOR REVIEW PRIOR TO FABRICATION.
7. WELDS ARE 6mm ROOT SIZE UNLESS OTHERWISE NOTED.





METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

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.

APEGM
Certificate of Authorization
Stantec Consulting Ltd.
No. 1301

NO.	REVISIONS	YY.MM.DD.	BY
3	ISSUED FOR ADDENDUM #3	16.01.26	M.H.
2	ISSUED FOR TENDER	15.12.23	M.H.
1	ISSUED FOR 95% REVIEW	15.12.04	M.H.

B.M. ELEV.

Stantec
500 - 311 Portage Avenue, Winnipeg MB Canada R3B 2B9
Tel. 204.489.5900 Fax. 204.453.9012 www.stantec.com

DESIGNED BY	M.H.	CHECKED BY	R.G.
DRAWN BY	K.R.	APPROVED BY	C.L.D.
HOR. SCALE: / VERTICAL:	AS. NOTED	RELEASED FOR CONSTRUCTION:	
DATE	2015.11.21	DATE	

ENGINEER'S SEAL

CONSULTANT DRAWING NO.
P-502

Winnipeg
THE CITY OF WINNIPEG
PLANNING, PROPERTY & DEVELOPMENT

ST. BONIFACE INDUSTRIAL PARK PHASE 2
WASTEWATER PUMPING STATION
MISCELLANEOUS METAL DETAILS 2

SHEET I OF I
CAD FILE DRAWING NUMBER 09351d-501-846.DWG
CITY DRAWING NUMBER I-0215L-P0104-001

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PLOT DATE: 2016 01 26
BID OPPORTUNITY: 983-2015
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