

FILENAME: C:\PROJECTS\WORKING DIRECTORY\ACTIVE\MSK\00831074\175009-08-SHT-DES-C02.DWG PLOTTED BY: KOWALSKI, STANLEY  
PLOT DATE: 2018-04-30 @ 2:53:34 PM PLOT SCALE: 1:1000 PLOT STYLE: FULL-COLOR.ctb



EXISTING 100 mm  $\phi$  WATER SERVICE  
REMOVE EXISTING PUBLIC WATER SERVICE OUTLET BUILDING AND FOUNDATION  
CLASS 3 BACKFILL W/300 DEPTH GRANULAR TO MATCH EXISTING GRADES. SLOPES TO BE FILLED AND REGRADED TO MATCH AND TIE TO ADJACENT SLOPES  
REMOVE EXISTING ANTENNA POLE & PILE  
INSTALL NEW SILT FENCE  
EXTEND 100 mm  $\phi$  WATER SERVICE AS NECESSARY TO ACCOMMODATE NEW PUBLIC WATER SERVICE OUTLET BUILDING (REFER TO NOTES 5 & 6)

3.912  
2.845  
3.912 x 2.845 m NEW CONCRETE SLAB SEE SHEET D-14916 FOR DETAILS  
REMOVE EXISTING CATCHBASIN  
INSTALL APPROXIMATELY 12 m OF NEW 150 mm  $\phi$  SEWER SERVICE AT MIN. 1% GRADE TO EXISTING 600 WWS  
NEW ANTENNA BASE  
INSTALL NEW 200  $\phi$  BOLLARDS

REMOVE OVERHEAD DELIVERY WATER SYSTEM (SEE NOTE 7)

EXISTING PROPERTY LINE

OXBOW BEND ROAD

EXISTING PROPERTY LINE

EXISTING FENCE

EXISTING GRAVEL SURFACE

MCCARTHY STREET

600 WWS

## 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.
3. OBTAIN EXCAVATION PERMITS PRIOR TO CONSTRUCTION.

## METRIC

WHOLE NUMBERS INDICATE MILLIMETRES  
DECIMALIZED NUMBERS INDICATE METRES  
UNLESS OTHERWISE NOTED



## 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.

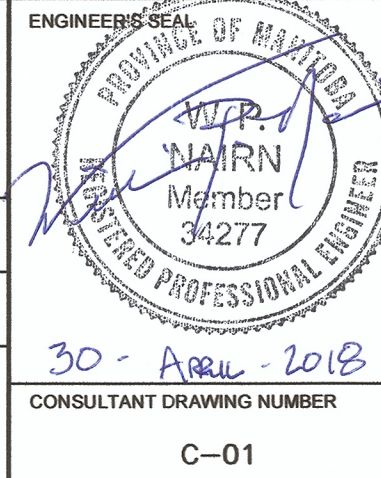
CONSTRUCTION COMPLETION DATE: YYYY MM DD

NO.	REVISIONS	DATE	BY
0	ISSUED FOR BID OP. 330-2018	18/04/19	B.L.M.



DESIGNED BY	W.P.N.	CHECKED BY	B.L.M.
DRAWN BY	T.J.H.	APPROVED BY	W.P.N.
SCALE:	HORIZONTAL 1:100	VERTICAL	
DATE		DATE	

PLOT DATE: 2018 04 30



BID OPPORTUNITY: 634-2017  
CONTRACT NUMBER: X



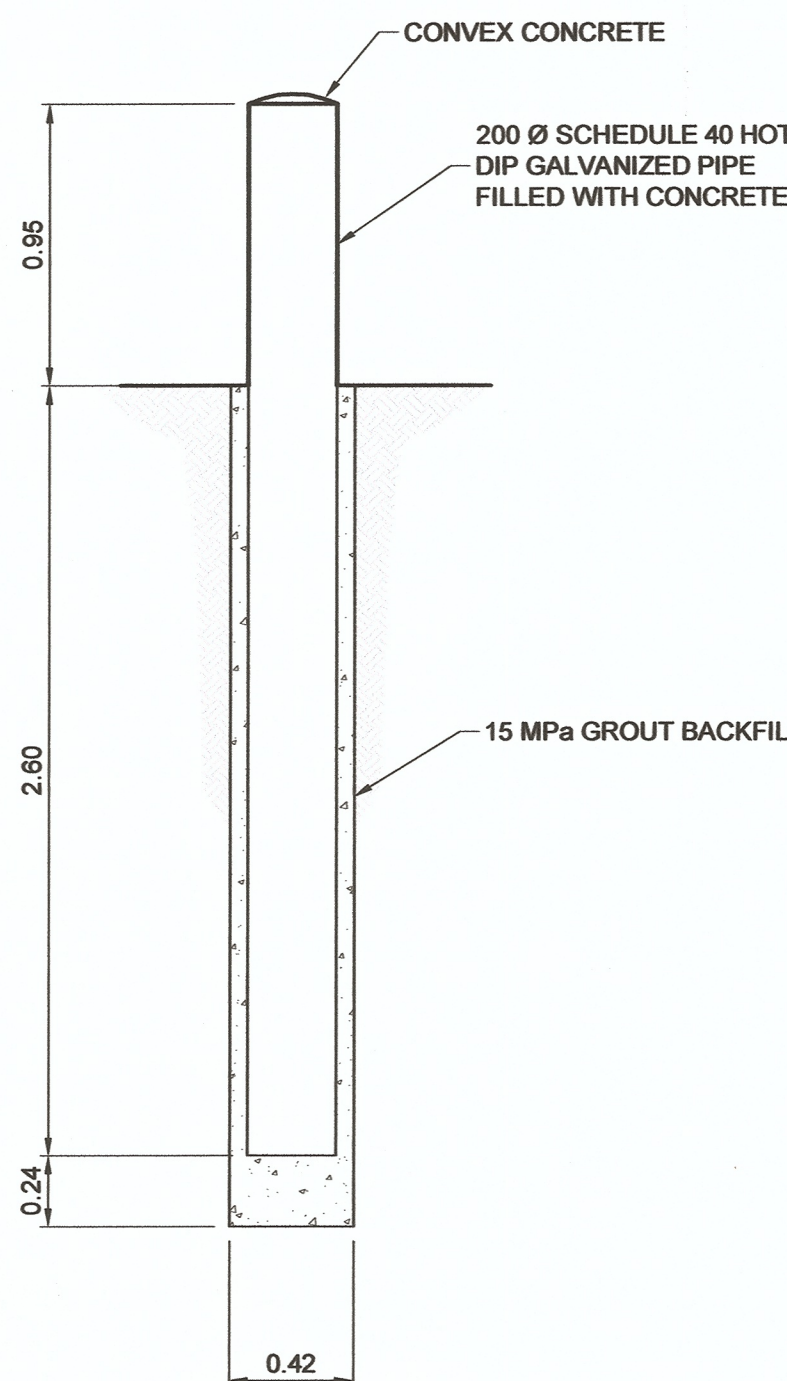
## THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT ENGINEERING DIVISION

REHABILITATION OF PUBLIC WATER SERVICE  
OUTLETS: BILLING SYSTEM, BUILDING SUPPLY,  
DEMOLITION AND ELECTRICAL  
CIVIL PLAN  
MCCARTHY STREET

SHEET 5 OF 18

CITY DRAWING NUMBER

D-14915



NEW BOLLARD DETAIL  
SCALE: 1:25

## CONSTRUCTION NOTES:

1. CONFIRM LOCATION OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION. ANY UTILITIES WITHIN THE CONSTRUCTION AREA ARE TO BE VERIFIED VERTICALLY AND HORIZONTALLY (Vnh) USING SOFT-DIG METHODS PRIOR TO CONSTRUCTION.
2. ALL MATERIALS SHALL CONFORM TO CITY OF WINNIPEG STANDARD CONSTRUCTION SPECIFICATIONS.
3. BACKFILL UNDER OR WITHIN 1.0 m OF PAVEMENT (INCLUDING GRAVEL) IS TO BE CLASS 3 BACKFILL.
4. INSTALL AND MAINTAIN SILT FENCE DURING CONSTRUCTION AND UNTIL RESTORATION IS COMPLETE AND ESTABLISHED.
5. INSTALL WATERMAIN AND WASTE WATER SEWER CONNECTION BY TRENCHLESS METHODS.
6. MINIMUM COVER TO TOP OF WATERMAIN SHALL BE 2.5 m.
7. REMOVE EXISTING GANTRY & ASSOCIATED APPURTENANCES. PILES TO BE CUT OFF AND ABANDONED 1.0 m BELOW GRADE.