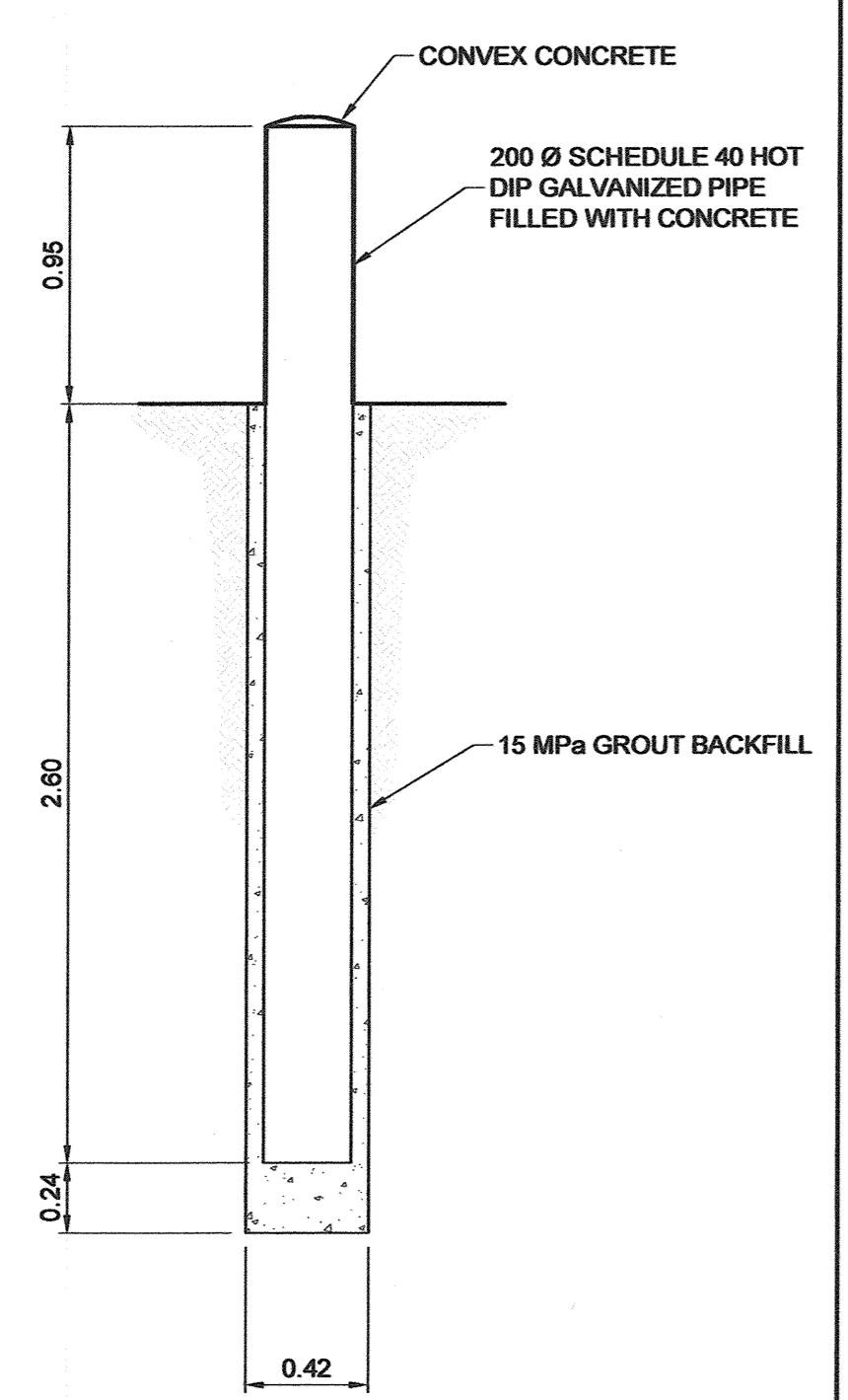
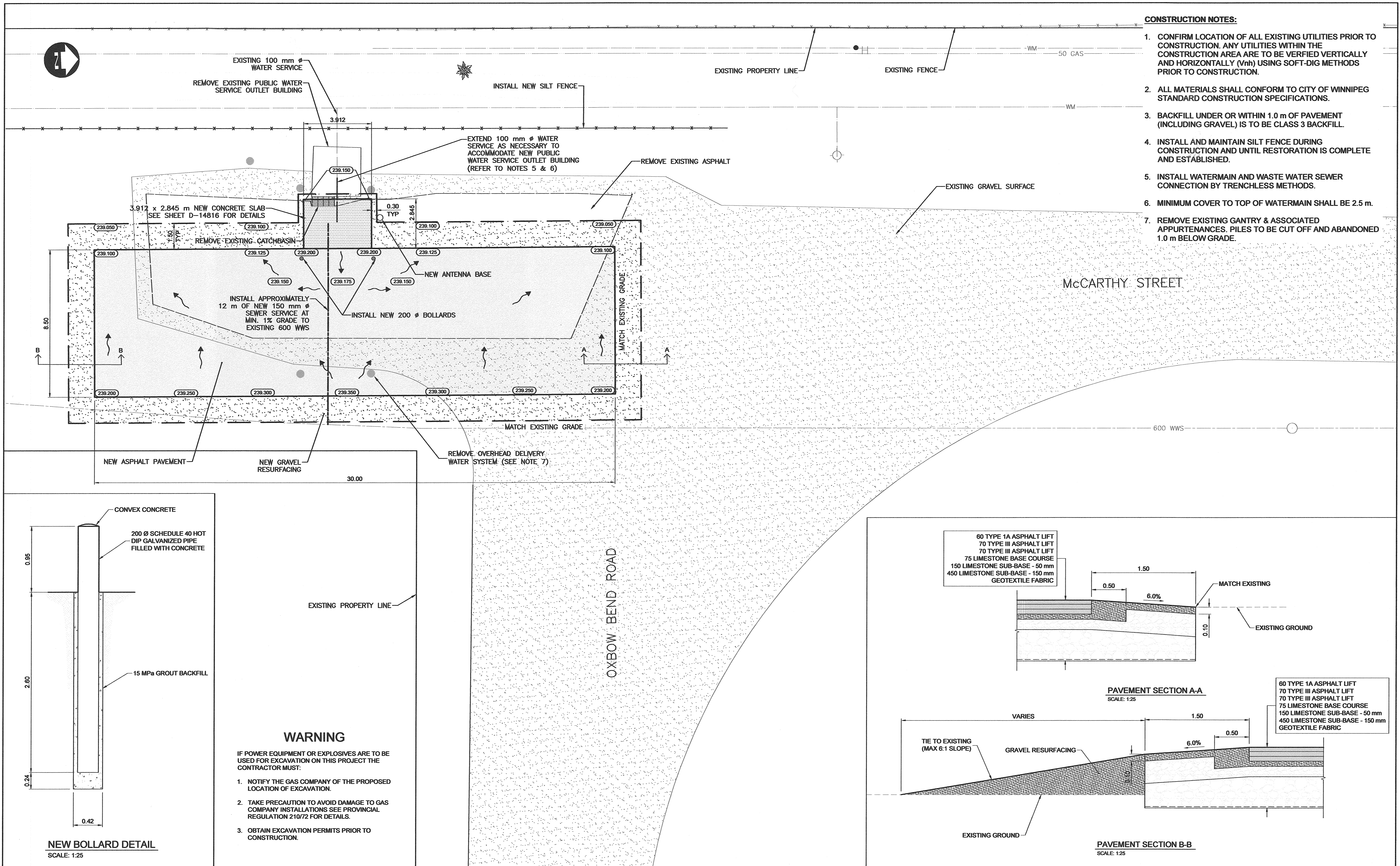


CONSTRUCTION NOTES:

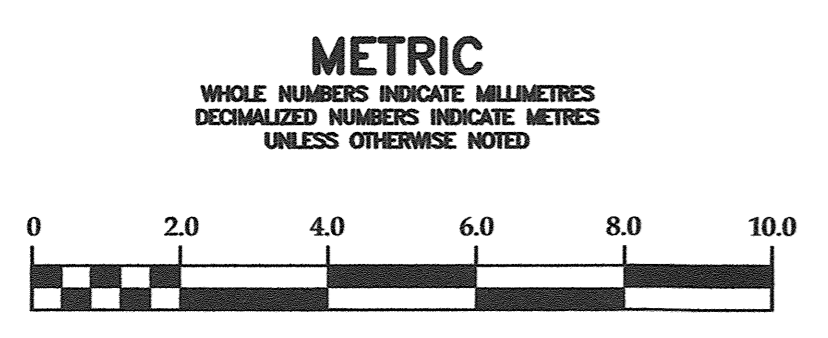
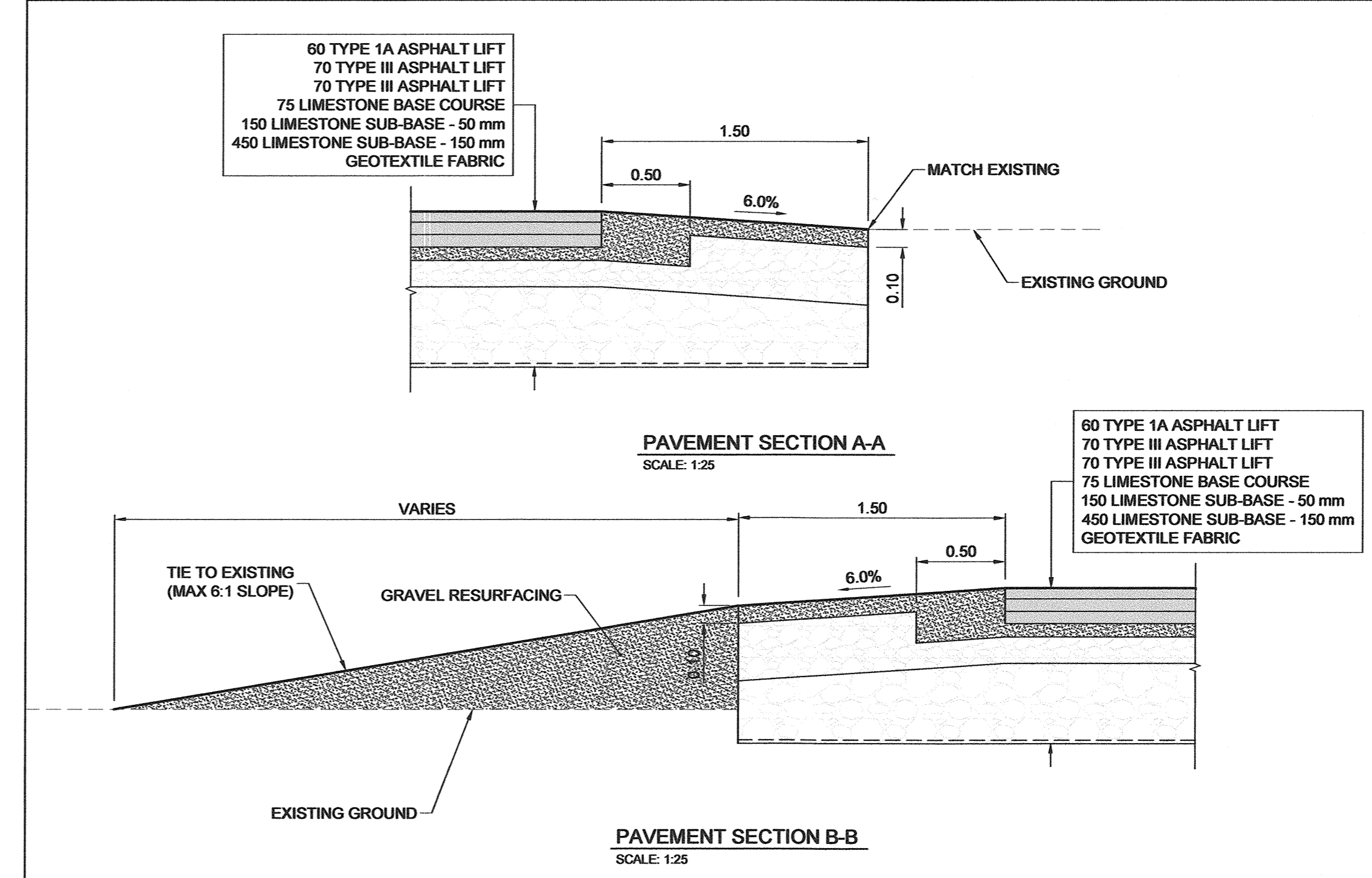
1. CONFIRM LOCATION OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION. ANY UTILITIES WITHIN THE CONSTRUCTION AREA ARE TO BE VERIFIED VERTICALLY AND HORIZONTALLY (Vnh) USING SOFT-DIG METHODS PRIOR TO CONSTRUCTION.
2. ALL MATERIALS SHALL CONFORM TO CITY OF WINNIPEG STANDARD CONSTRUCTION SPECIFICATIONS.
3. 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.



NEW BOLLARD DETAIL
SCALE: 1:25

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.



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.

NO.	REVISIONS	DATE	BY
0	ISSUED FOR BID OP. 634-2017	17/11/23	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	2017 07 28	DATE	

ENGINEER'S SEAL

PROVINCE OF MANITOBA
J. NAIRN
Member
34277
24 Nov 2017
CONSULTANT DRAWING NUMBER
C-02

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

2017 REHABILITATION OF PUBLIC WATER SERVICE OUTLETS: PAVEMENT WORKS, BUILDING SUPPLY AND REPAIRS, DEMOLITION AND ELECTRICAL
CIVIL PLAN
McCARTHY STREET

SHEET 9 OF 33
CITY DRAWING NUMBER
D-14915

FILENAME: C:\PROJECTS\WORKING DIRECTORY\ACTIVE\WASKA\10462543\175009-08-SHT-DES-C02.DWG PLOTTED BY: KOWALSKI, STANLEY
PLOT DATE: 2017-11-23 @ 2:38:00 PM PLOT SCALE: 1:10.00 PLOT STYLE: FULL-COLOR.ctb