

THE CITY OF WINNIPEG

WATER AND WASTE DEPARTMENT SOLID WASTE SERVICES

BRADY ROAD RESOURCE MANAGEMENT FACILITY AREA A CONSTRUCTION - CELL 32 TENDER NO. #188-2019



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NOTE: ONLY DRAWINGS ASSOCIATED WITH CELL 32 ARE INCLUDED IN THE SCOPE OF WORK FOR TENDER NO. #188-2019

ABBREVIATIONS

ELEV	ELEVATION
MIN	MINIMUM
N.I.C.	NOT IN CONTRACT

HATCH PATTERNS

PLAN VIEW **EXISTING** PROPOSED DESCRIPTION DESCRIPTION **EXISTING** PROPOSED PROPERTY BOUNDARY FENCE LINE NATIVE BACKFILL OR PREPARED SUBGRADE LIMIT OF WASTE PERIMETER DITCH MAJOR CONTOUR WASTE MINOR CONTOUR CLAY PLUG GCL LIMIT CELL BOUNDARY SAND DRAINAGE LAYER GEOCOMPOSITE DRAINAGE LAYER GCL NON-WOVEN GEOTEXTILE GRANULAR ROADWAY BASE MATERIAL CULVERT ROADWAY DISPOSAL CELL BERM GRANULAR DRAINAGE BLANKET LANDFILL ACCESS ROAD LIMIT OF WASTE CUT -----TOE OF SLOPE LEACHATE DIVERSION SWALE RE-COMPACTED CLAY 1.5mm HDPE GEOMEMBRANE (TEXTURED) 200mmØ HDPE SDR11 SAND PROTECTIVE COVER PERFORATED LEACHATE COLLECTION PIPE 200mmØ HDPE SDR11 NON-PERFORATED STRUCTURAL FILL LEACHATE COLLECTION PIPE TEMPORARY DIVERSION BERM NATIVE BACKFILL OR PREPARED SUBGRADE TEMPORARY DIVERSION BERM

LEGEND

METRIC WHOLE NUMBERS INDICATE MILLIMETRES DECIMALIZED NUMBERS INDICATE METRES

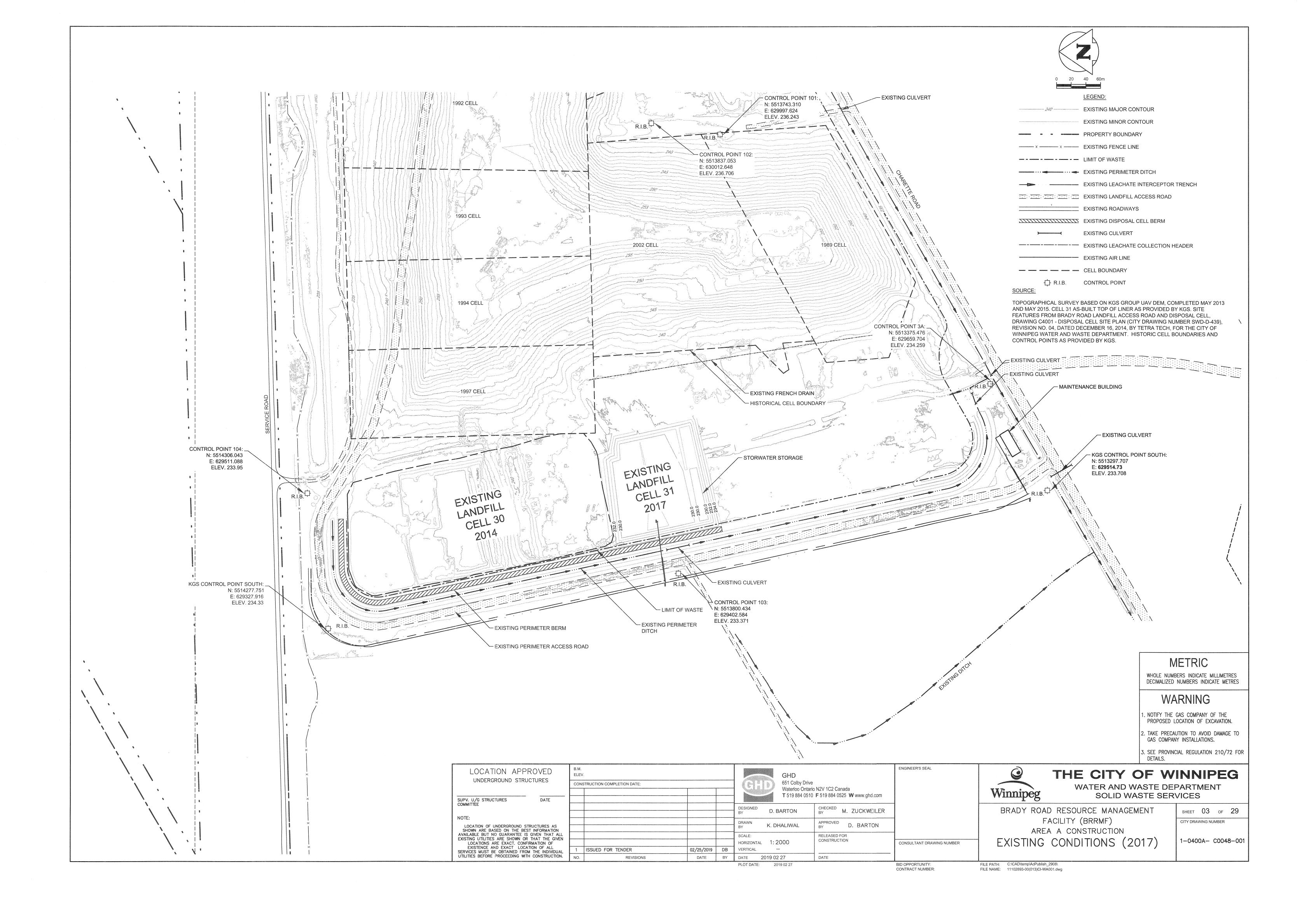
WARNING

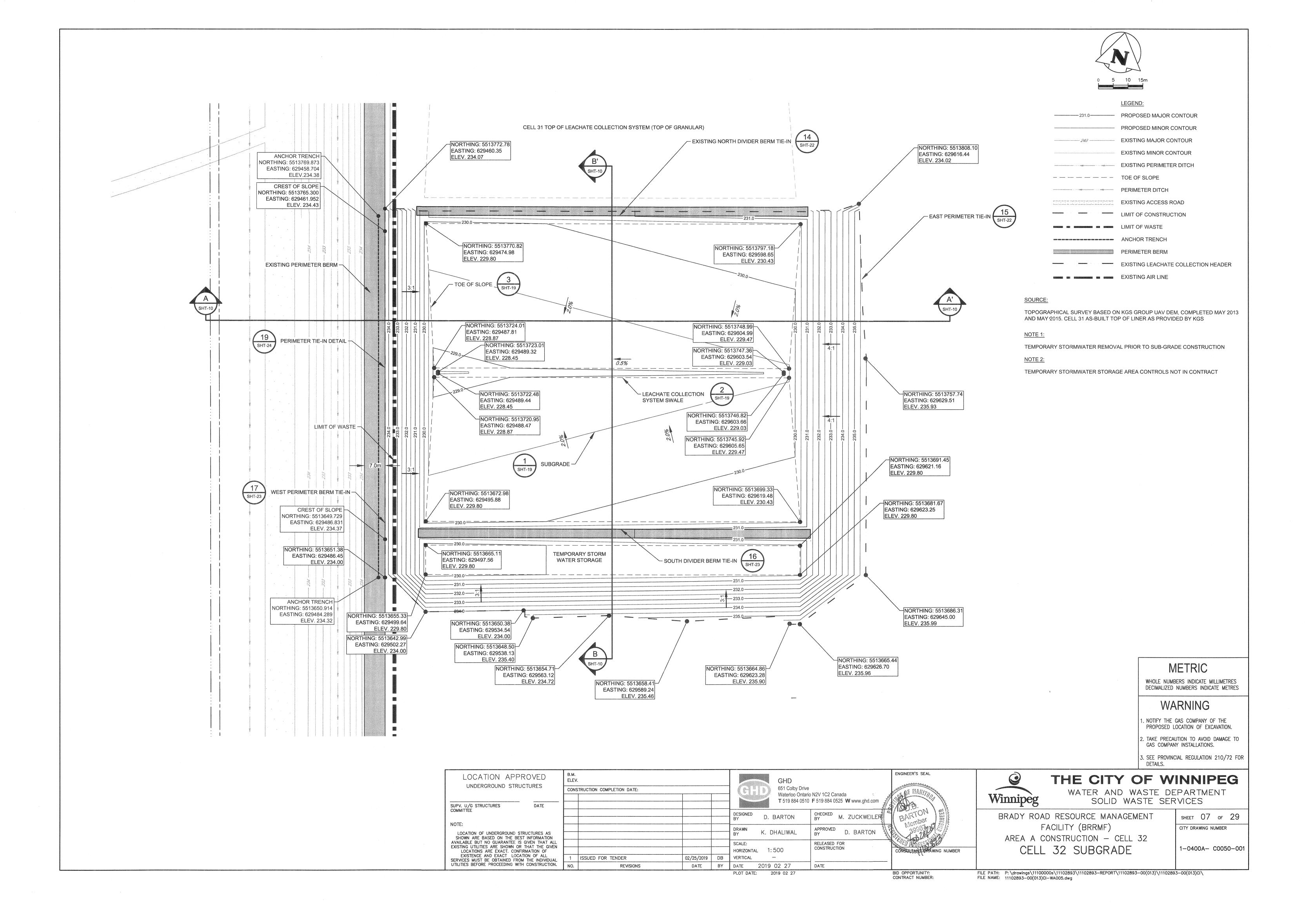
. NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION. 2. TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS. 3. SEE PROVINCIAL REGULATION 210/72 FOR

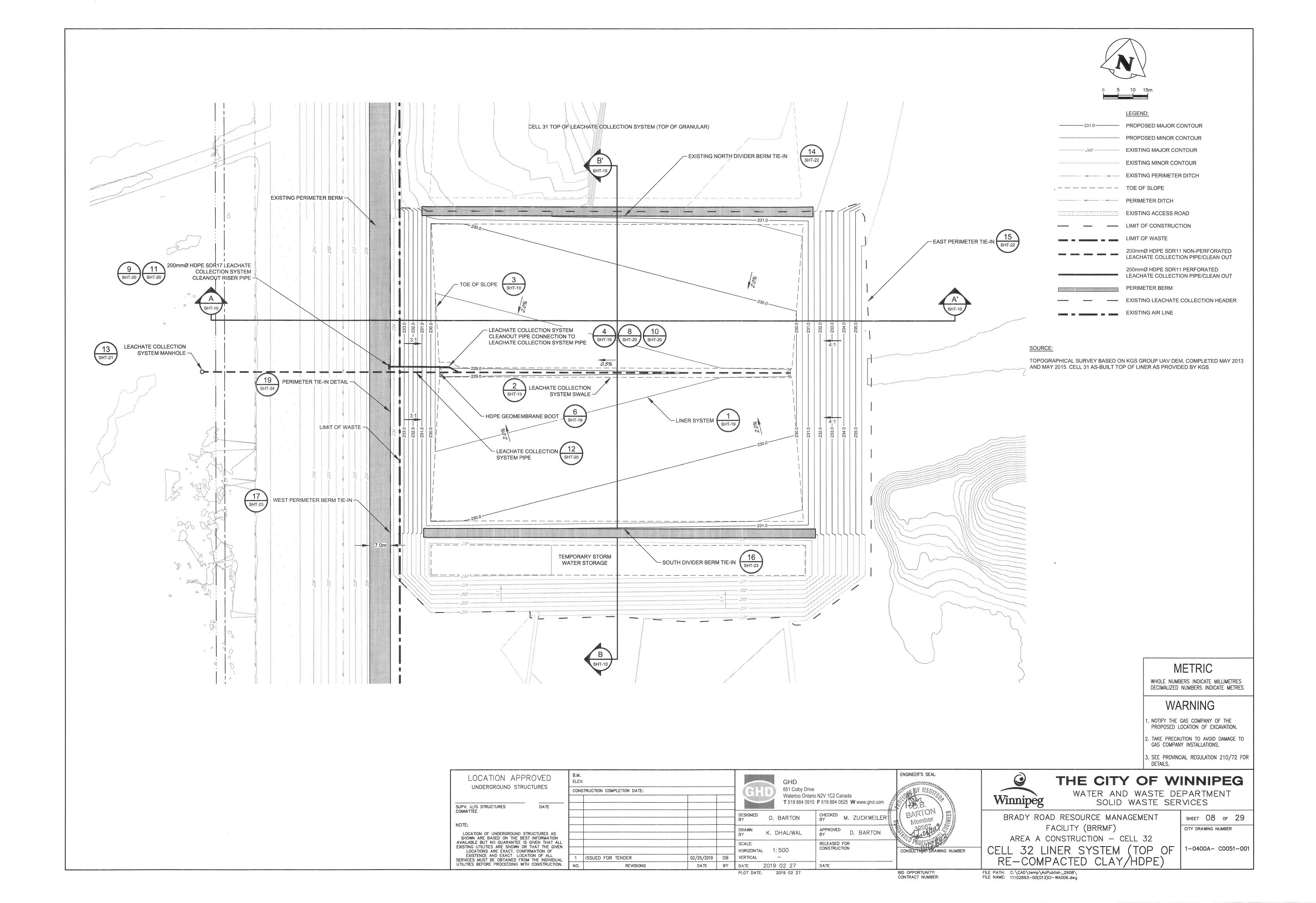
B.M. ELEV. ENGINEER'S SEAL LOCATION APPROVED THE CITY OF WINNIPEG UNDERGROUND STRUCTURES 651 Colby Drive CONSTRUCTION COMPLETION DATE: WATER AND WASTE DEPARTMENT Waterloo Ontario N2V 1C2 Canada Winnipeg SOLID WASTE SERVICES **T** 519 884 0510 **F** 519 884 0525 **W** www.ghd.com DATE SUPV. U/G STRUCTURES COMMITTEE CHECKED M. ZUCKWEILER BRADY ROAD RESOURCE MANAGEMENT SHEET 02 OF 29 D. BARTON FACILITY (BRRMF) CITY DRAWING NUMBER APPROVED BY LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE BUT NO GUARANTEE IS GIVEN THAT ALL K. DHALIWAL D. BARTON AREA A CONSTRUCTION RELEASED FOR CONSTRUCTION SCALE: EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN INDEX PAGE 1-0400A- D0021-001 LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION. HORIZONTAL -CONSULTANT DRAWING NUMBER 02/25/2019 DB VERTICAL ISSUED FOR TENDER DATE BY DATE 2019 02 27 PLOT DATE: 2019 02 27

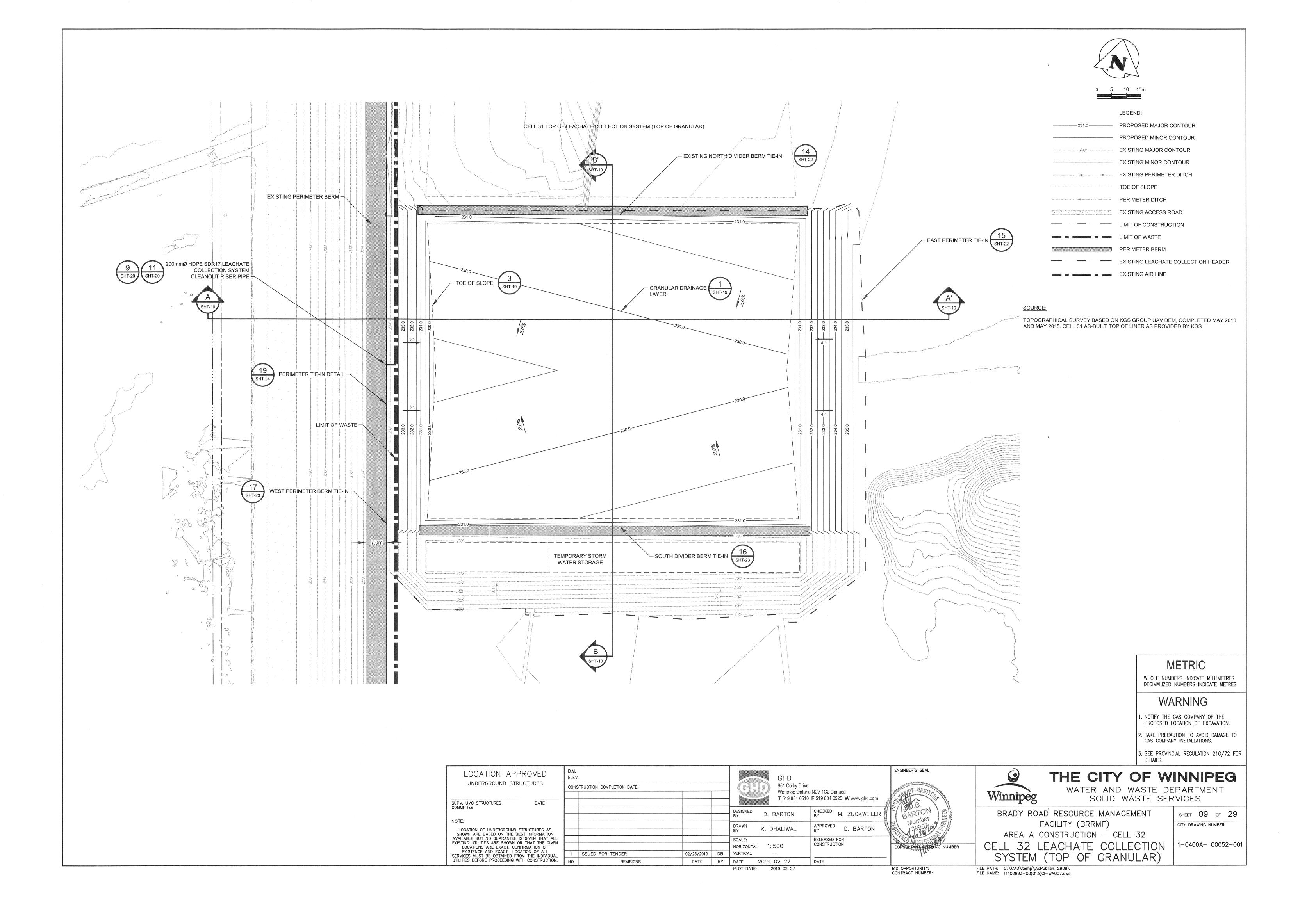
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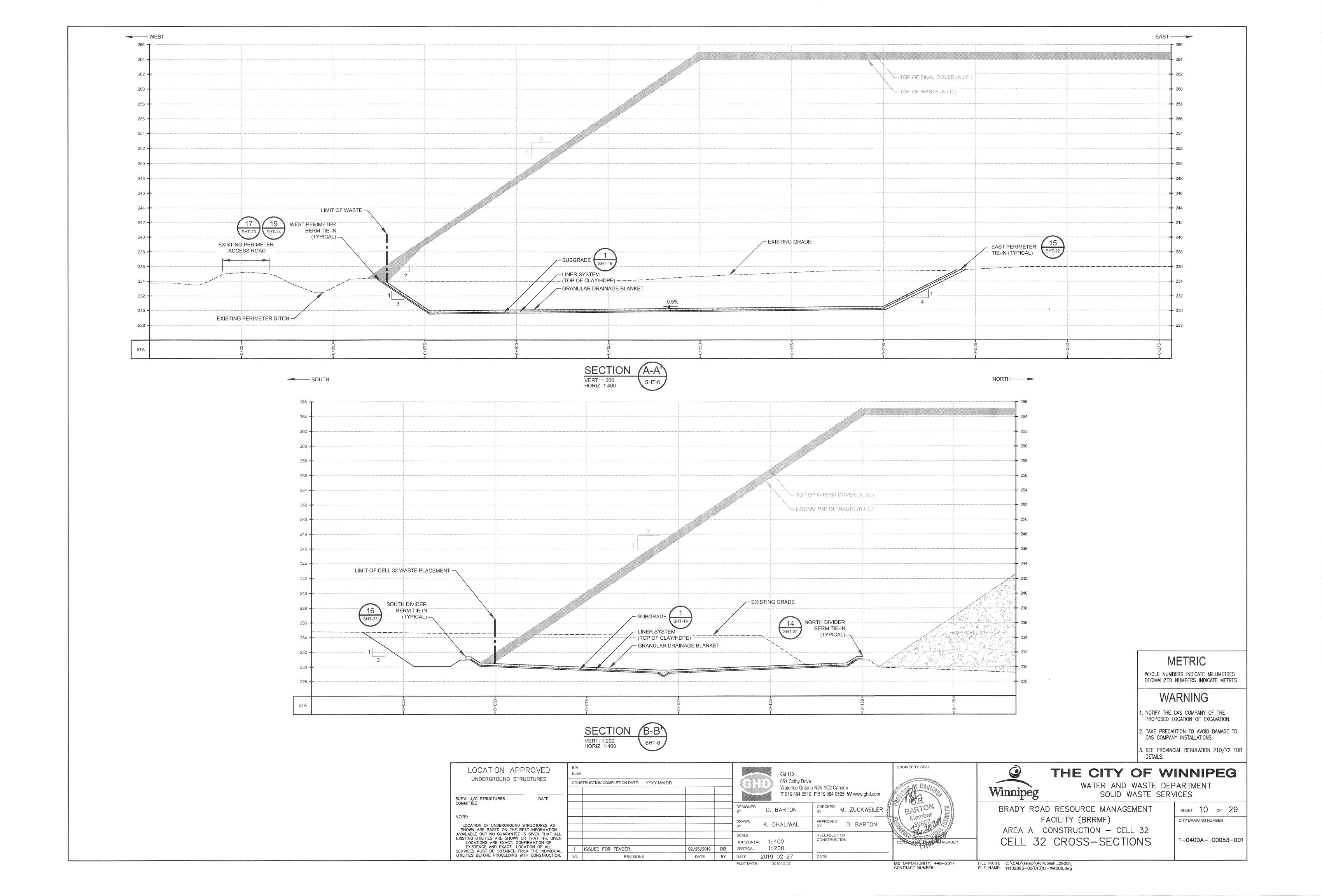
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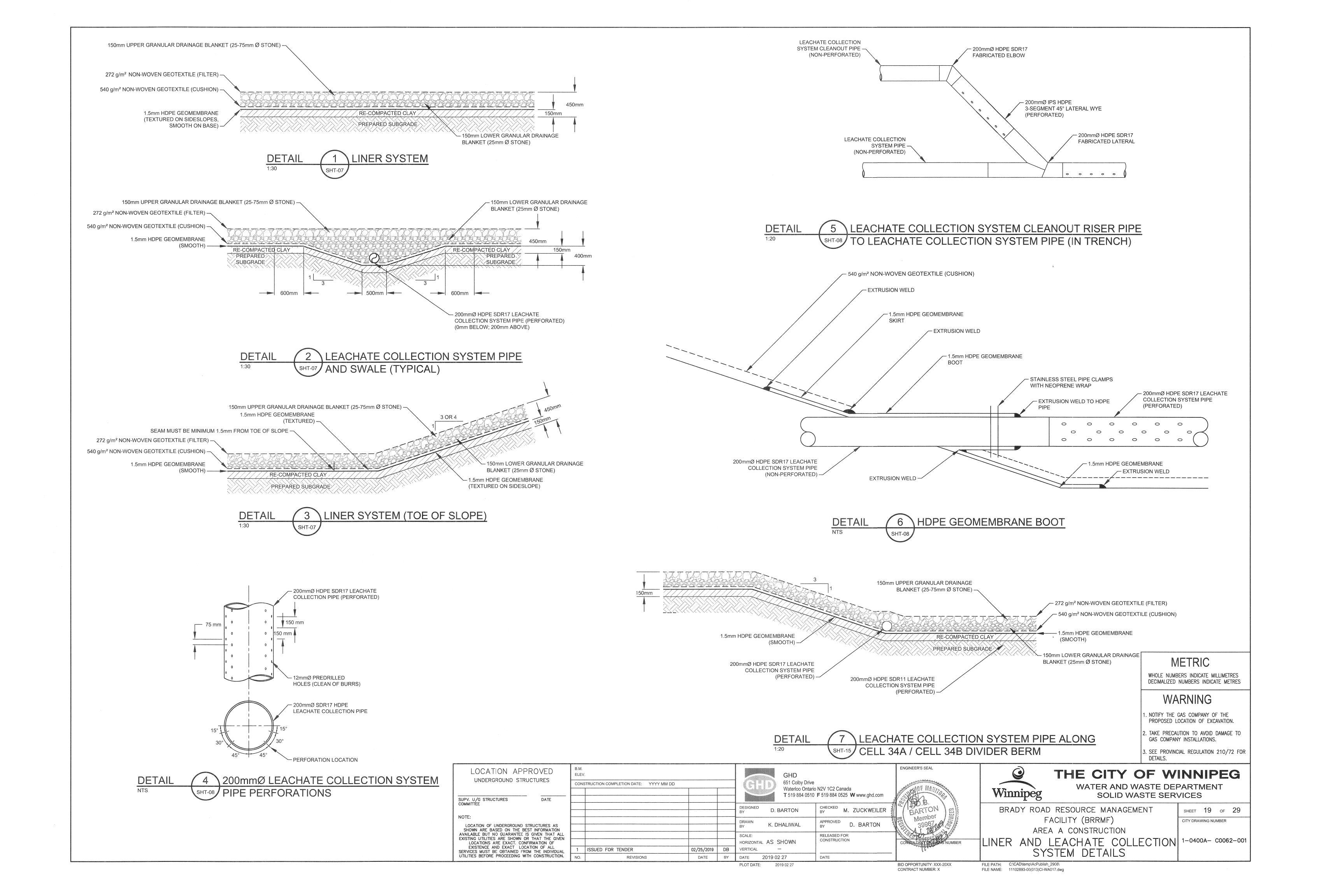


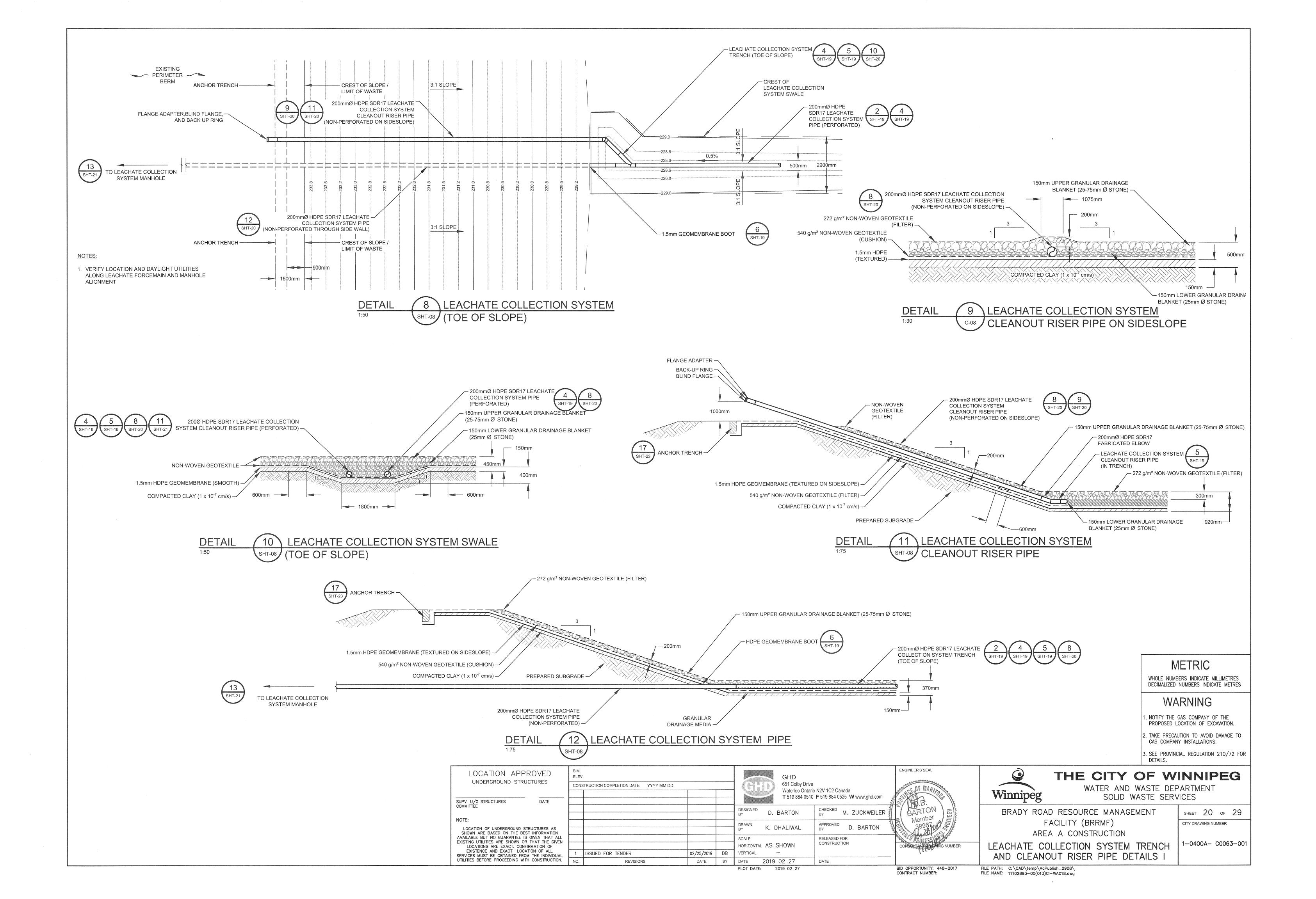


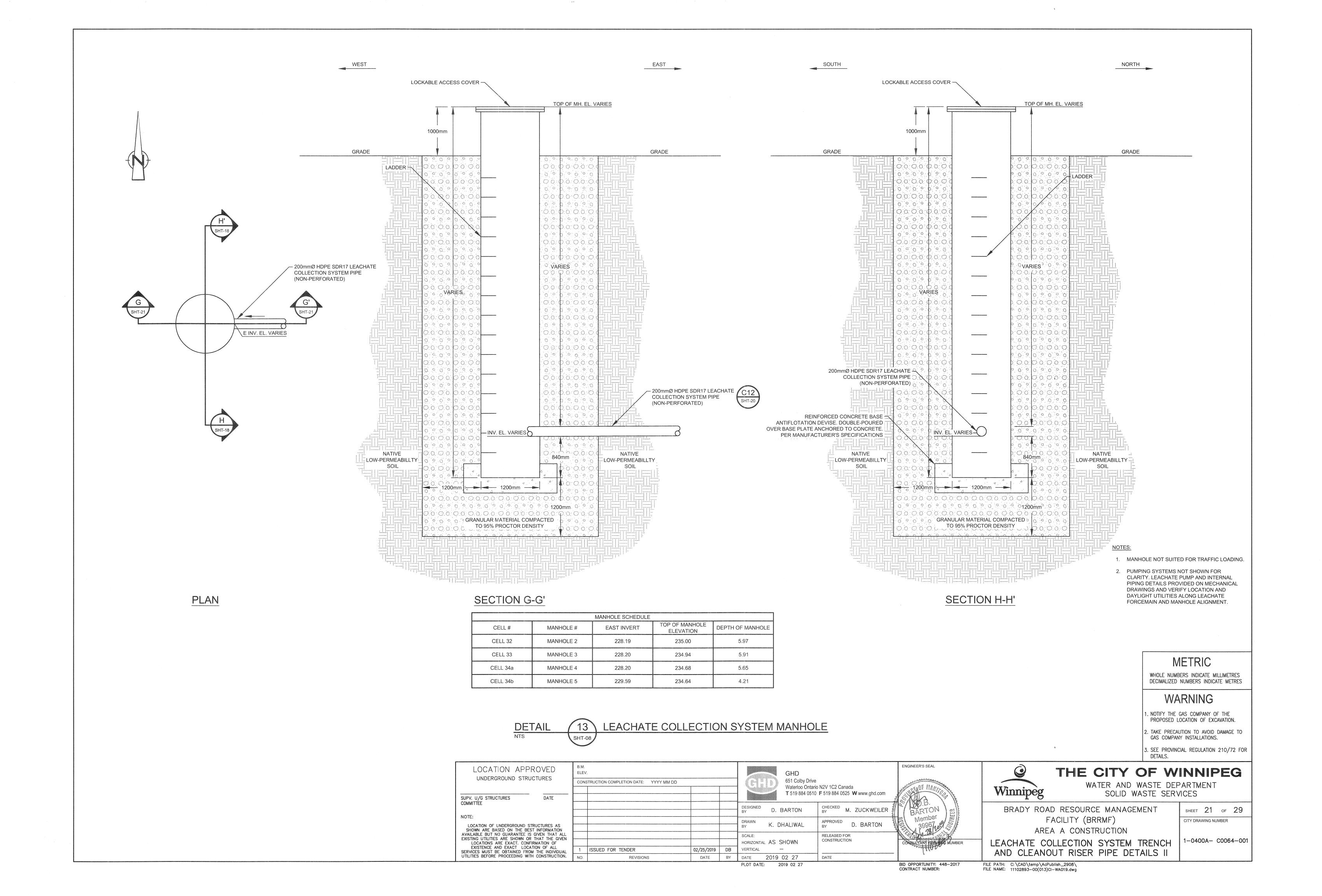


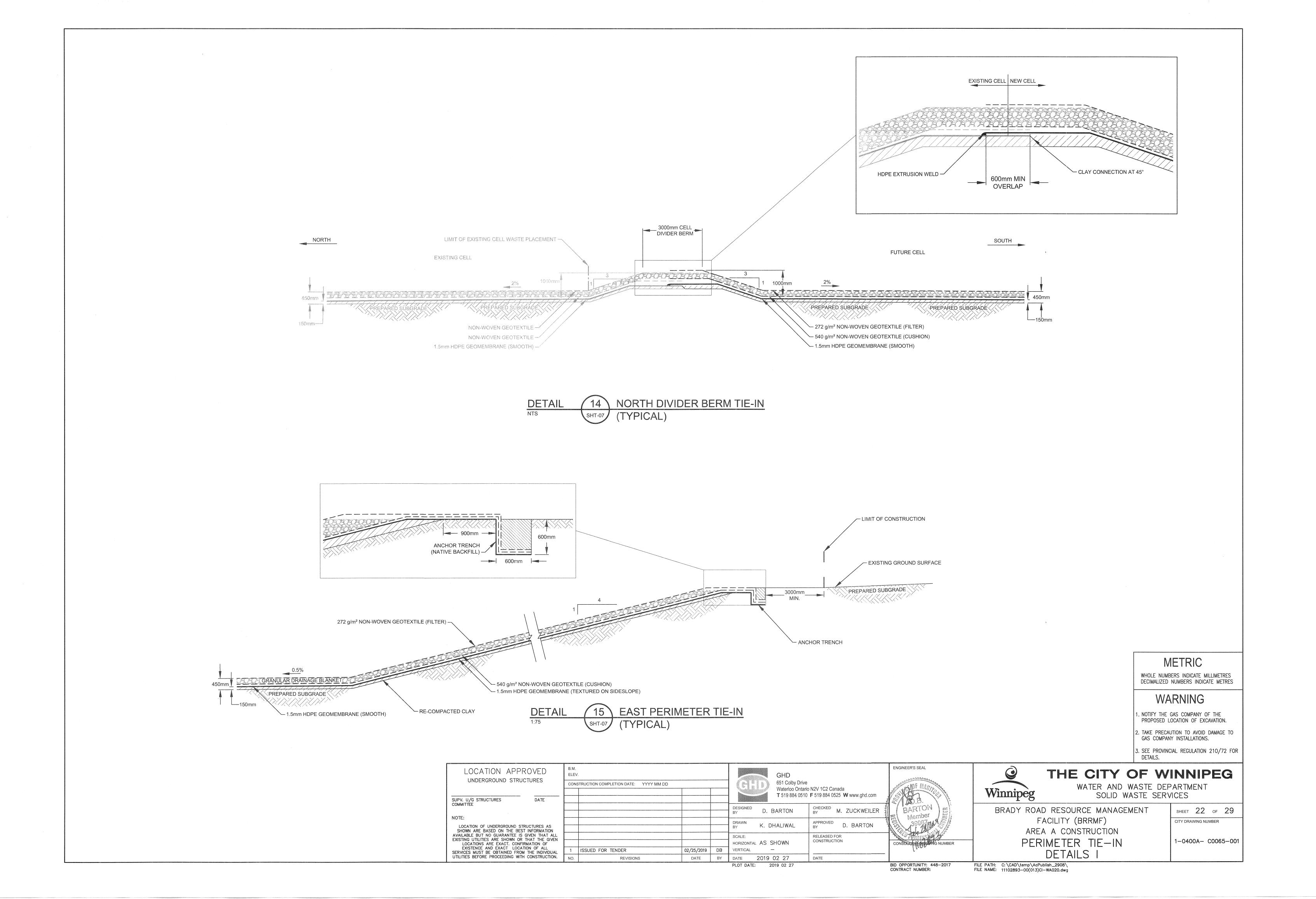


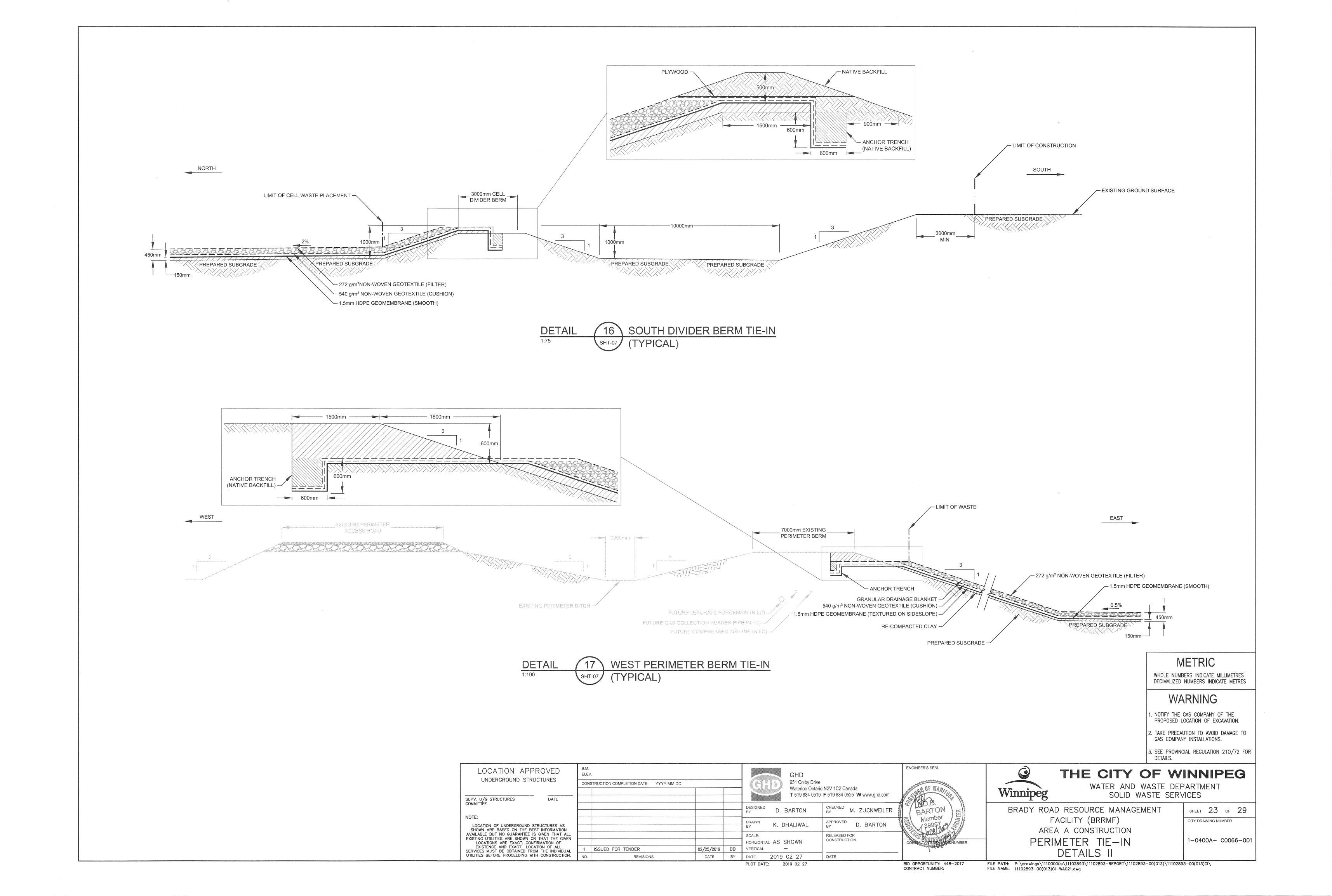


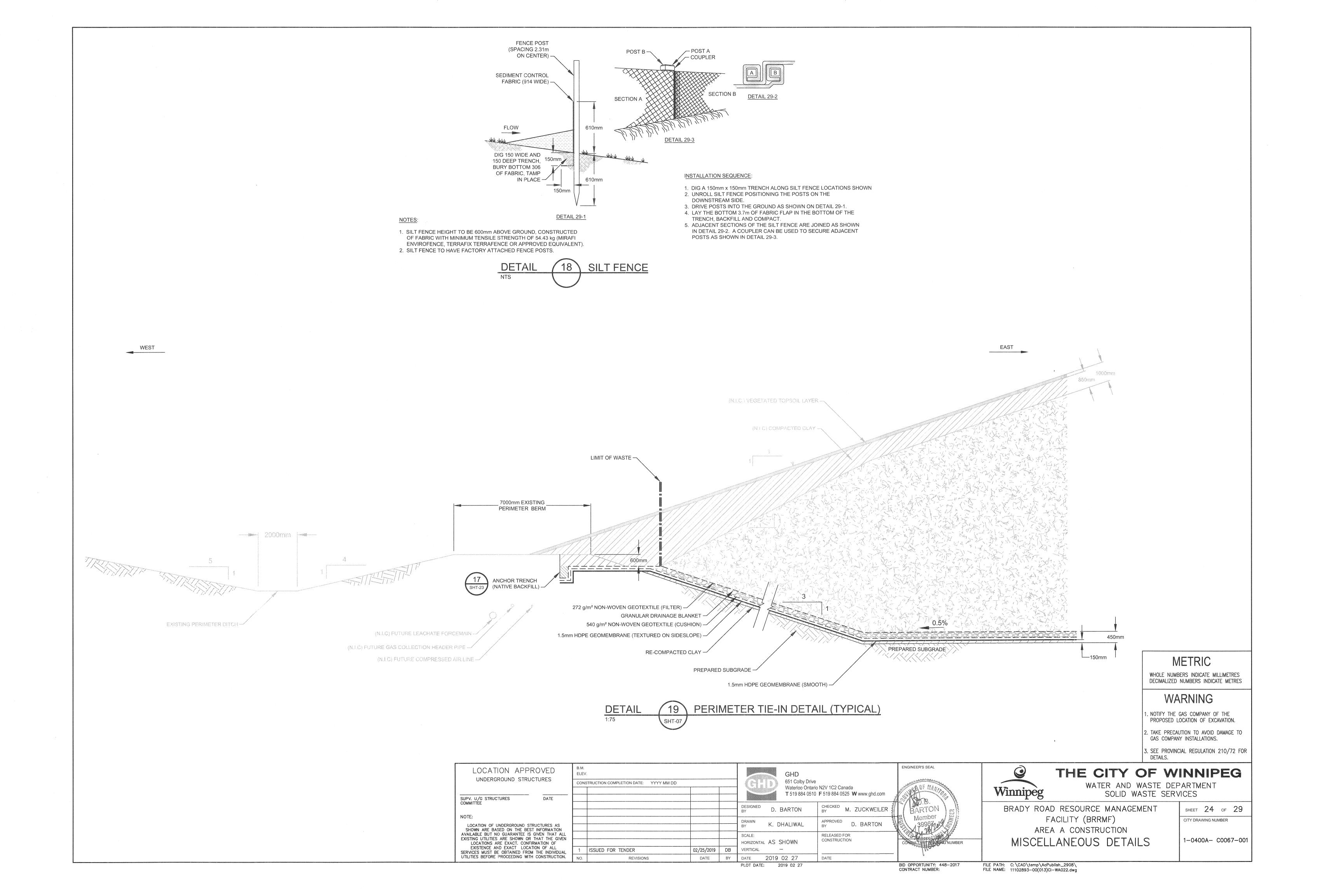


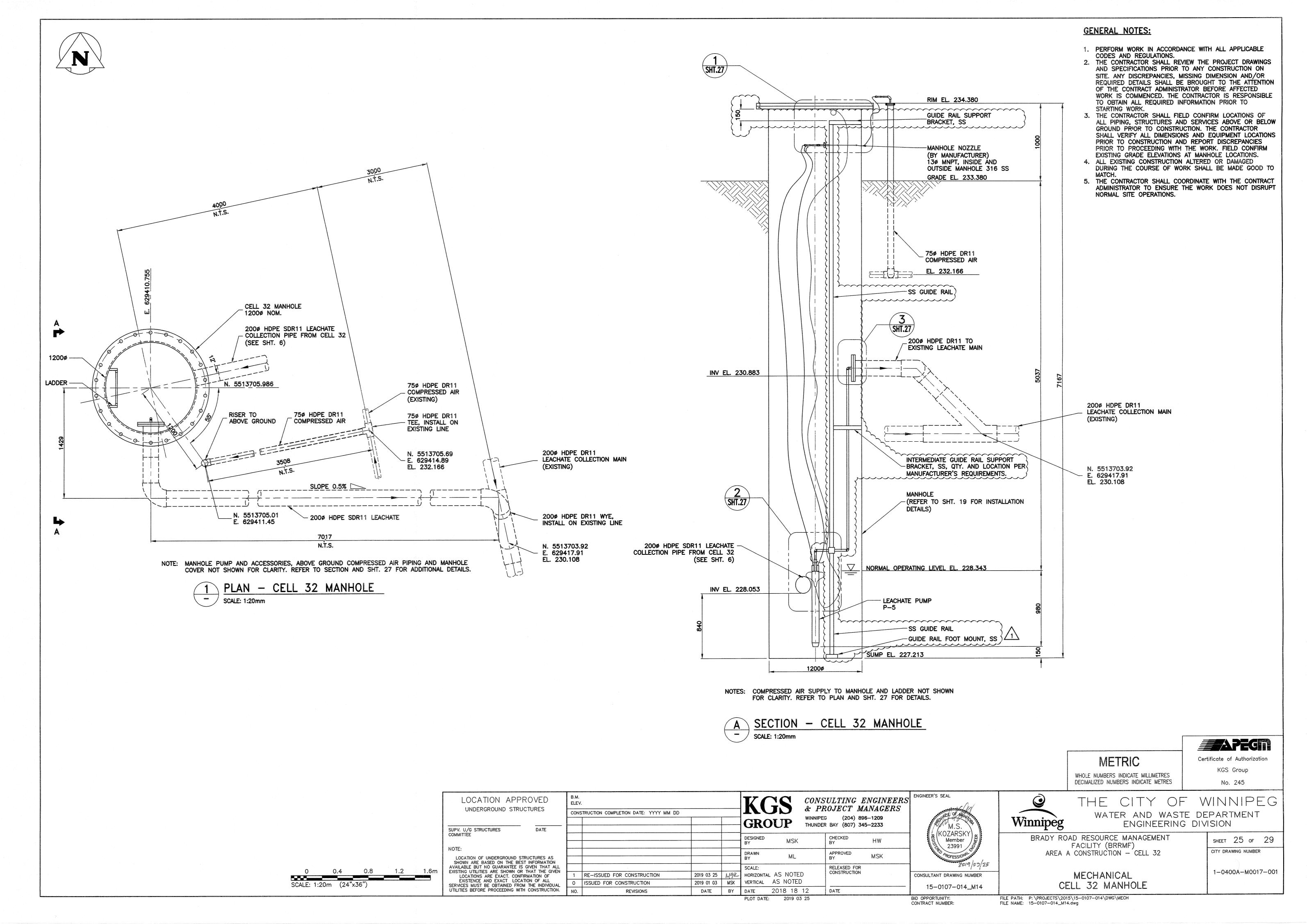


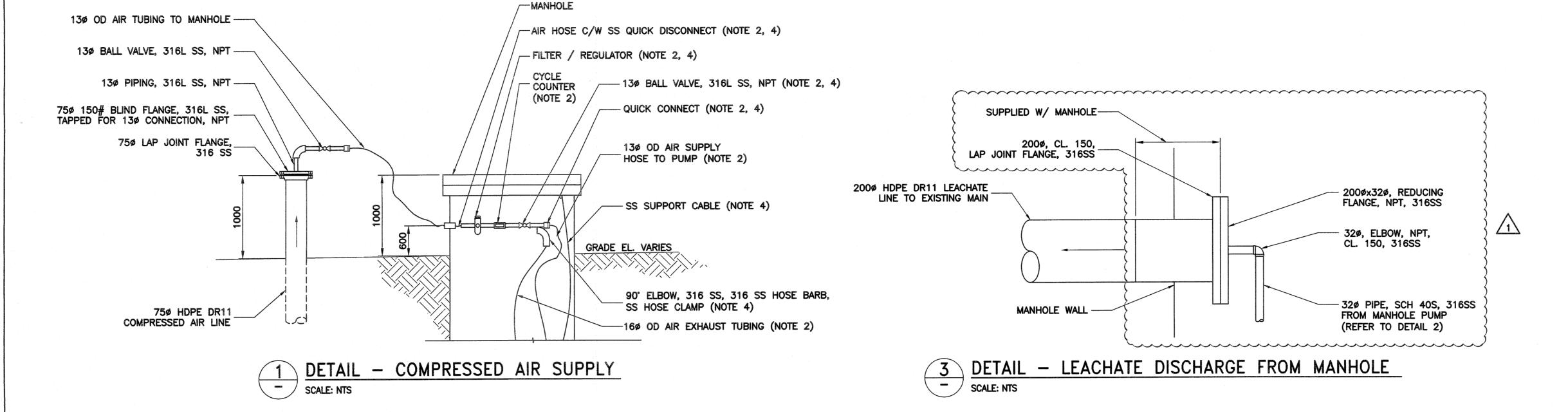












- 13¢ OD AIR SUPPLY TUBING (NOTE 2, 3)

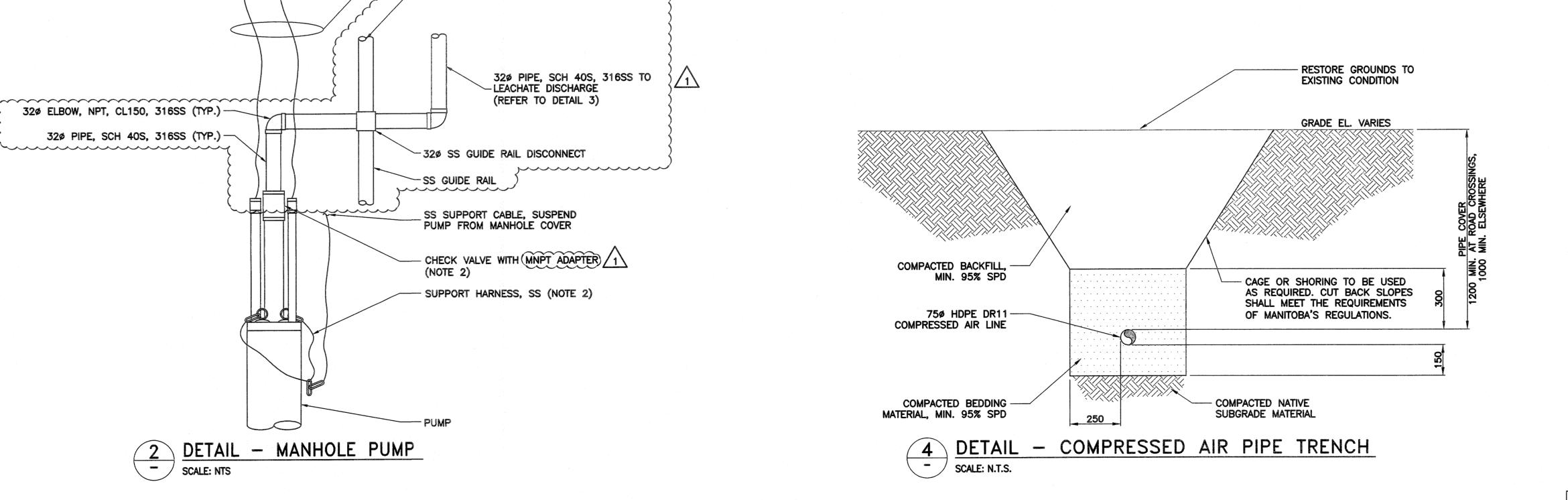
-SS GUIDE RAIL

-CABLE TIE HOSE EVERY 150mm IN ACCORDANCE WITH PUMP SUPPLIER INSTALLATION INSTRUCTIONS.

LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL

SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.

160 OD AIR EXHAUST TUBING (NOTE 2) -



1 RE-ISSUED FOR CONSTRUCTION

0 ISSUED FOR CONSTRUCTION

GENERAL NOTES:

- REFER TO SHT. 23 FOR MECHANICAL GENERAL NOTES.
- 2. SUPPLIED WITH PUMP. 3. PROVIDE SUFFICIENT LENGTH OF TUBING TO ALLOW
- REMOVAL OF PUMP FROM SUMP.
- 4. INSTALL INSIDE MANHOLE NEAR COVER, SECURE TO WALL. 5. ALL DETAILS ARE TYPICAL FOR CELL 32, 33 AND 34 U.N.O.

METRIC

WHOLE NUMBERS INDICATE MILLIMETRES DECIMALIZED NUMBERS INDICATE METRES

APEGIN Certificate of Authorization KGS Group

No. 245

CONTRACTOR	LOCATION APPROVED UNDERGROUND STRUCTURES	B.M. ELEV.				CONSULTING ENGINEERS & PROJECT MANAGERS	ENGINEER'S SEAL		
UNDERGROUND STRUCTURES		CONSTRUCTION COMPLETION DATE: YYYY MM DD							
THE PERSON NAMED IN		-				GROUP WINNIPED THUNDER	G (204) 896-1209 R BAY (807) 345-2233	AN S CO	Winr
THE REPORT OF THE PERSON NAMED IN	SUPV. U/G STRUCTURES DATE COMMITTEE				ļ			(KOZARSKY)	
DESCRIPTION	COMMITTEE					DESIGNED BY MSK	CHECKED BY HW	୍କିଣ୍ଟ Member /ଞ୍ଜି	BF
Montheasterno	NOTE:				 		ADDDOVED	23991	
No. Dog and American	LOCATION OF UNDERGROUND STRUCTURES AS				 	DRAWN BY ML	APPROVED MSK	PROFESSIONAL	
- Constitution of the Cons	SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE BUT NO GUARANTEE IS GIVEN THAT ALL	\vdash			<u> </u>	SCALE:	RELEASED FOR	2619 03 25	
EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN		1	PE_ISSUED FOR CONSTRUCTION	2019 03 25	Mall	HORIZONTAL AS NOTED	CONSTRUCTION	CONSULTANT DRAWING NUMBER	

2019 03 25 Mg/ HORIZONTAL AS NOTED

2019 01 03 MSK VERTICAL AS NOTED

DATE BY DATE 2018 18 12

PLOT DATE: 2019 03 25

DATE



CONSULTANT DRAWING NUMBER

15-0107-014_M18

THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT ENGINEERING DIVISION

BRADY ROAD RESOURCE MANAGEMENT FACILITY (BRRMF) AREA A CONSTRUCTION

SHEET 29 OF 29 CITY DRAWING NUMBER

1-0400A-M0021-001

MECHANICAL DETAILS

FILE PATH: P:\PROJECTS\2015\15-0107-014\DWG\MECH FILE NAME: 15-0107-014_M18.dwg