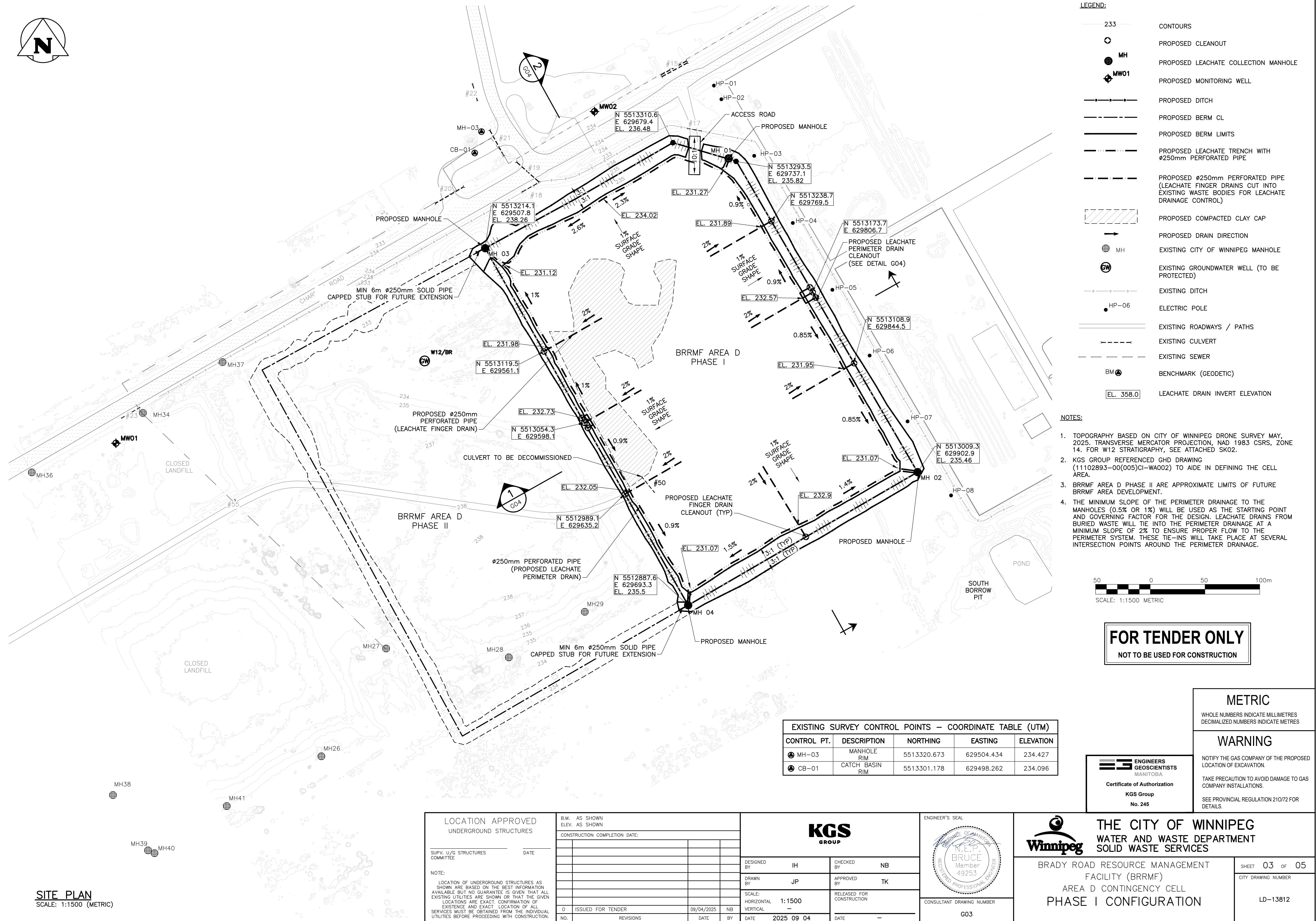
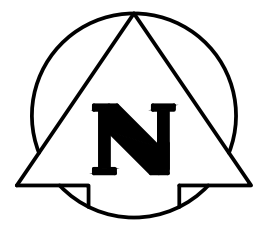




LEGEND:

233	CONTOURS
○	PROPOSED CLEANOUT
● MH	PROPOSED LEACHATE COLLECTION MANHOLE
⦿ MW01	PROPOSED MONITORING WELL
---	PROPOSED DITCH
---	PROPOSED BERM CL
---	PROPOSED BERM LIMITS
---	PROPOSED LEACHATE TRENCH WITH Ø250mm PERFORATED PIPE
---	PROPOSED Ø250mm PERFORATED PIPE (LEACHATE FINGER DRAINS CUT INTO EXISTING WASTE BODIES FOR LEACHATE DRAINAGE CONTROL)
---	PROPOSED COMPACTED CLAY CAP
→	PROPOSED DRAIN DIRECTION
● MH	EXISTING CITY OF WINNIPEG MANHOLE
⦿ GW	EXISTING GROUNDWATER WELL (TO BE PROTECTED)
---	EXISTING DITCH
● HP-06	ELECTRIC POLE
---	EXISTING ROADWAYS / PATHS
---	EXISTING CULVERT
---	EXISTING SEWER
BM	BENCHMARK (GEODETIC)
EL. 358.0	LEACHATE DRAIN INVERT ELEVATION

- NOTES:**
- TOPOGRAPHY BASED ON CITY OF WINNIPEG DRONE SURVEY MAY, 2025. TRANSVERSE MERCATOR PROJECTION, NAD 1983 CSRS, ZONE 14. FOR W12 STRATIGRAPHY, SEE ATTACHED SK02.
 - KGS GROUP REFERENCED GHD DRAWING (11102893-00(005)CI-WA002) TO AIDE IN DEFINING THE CELL AREA.
 - BRRMF AREA D PHASE II ARE APPROXIMATE LIMITS OF FUTURE BRRMF AREA DEVELOPMENT.
 - THE MINIMUM SLOPE OF THE PERIMETER DRAINAGE TO THE MANHOLES (0.5% OR 1%) WILL BE USED AS THE STARTING POINT AND GOVERNING FACTOR FOR THE DESIGN. LEACHATE DRAINS FROM BURIED WASTE WILL TIE INTO THE PERIMETER DRAINAGE AT A MINIMUM SLOPE OF 2% TO ENSURE PROPER FLOW TO THE PERIMETER SYSTEM. THESE TIE-INS WILL TAKE PLACE AT SEVERAL INTERSECTION POINTS AROUND THE PERIMETER DRAINAGE.



FOR TENDER ONLY
NOT TO BE USED FOR CONSTRUCTION

EXISTING SURVEY CONTROL POINTS – COORDINATE TABLE (UTM)				
CONTROL PT.	DESCRIPTION	NORTHING	EASTING	ELEVATION
● MH-03	MANHOLE RIM	5513320.673	629504.434	234.427
● CB-01	CATCH BASIN RIM	5513301.178	629498.262	234.096

LOCATION APPROVED UNDERGROUND STRUCTURES		B.M. AS SHOWN ELEV. AS SHOWN		KGS GROUP		ENGINEER'S SEAL		THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT SOLID WASTE SERVICES	
SUPV. U/G STRUCTURES COMMITTEE		CONSTRUCTION COMPLETION DATE:		DESIGNED BY: IH		CHECKED BY: NB		BRADY ROAD RESOURCE MANAGEMENT FACILITY (BRRMF)	
DATE:				DRAWN BY: JP		APPROVED BY: TK		AREA D CONTINGENCY CELL	
NOTE:				SCALE: HORIZONTAL 1:1500		RELEASED FOR CONSTRUCTION		PHASE I CONFIGURATION	
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.		0 ISSUED FOR TENDER		DATE: 09/04/2025		DATE: 2025 09 04		CONSULTANT DRAWING NUMBER: G03	
								SHEET 03 OF 05	
								CITY DRAWING NUMBER: LD-13812	

SITE PLAN
SCALE: 1:1500 (METRIC)

