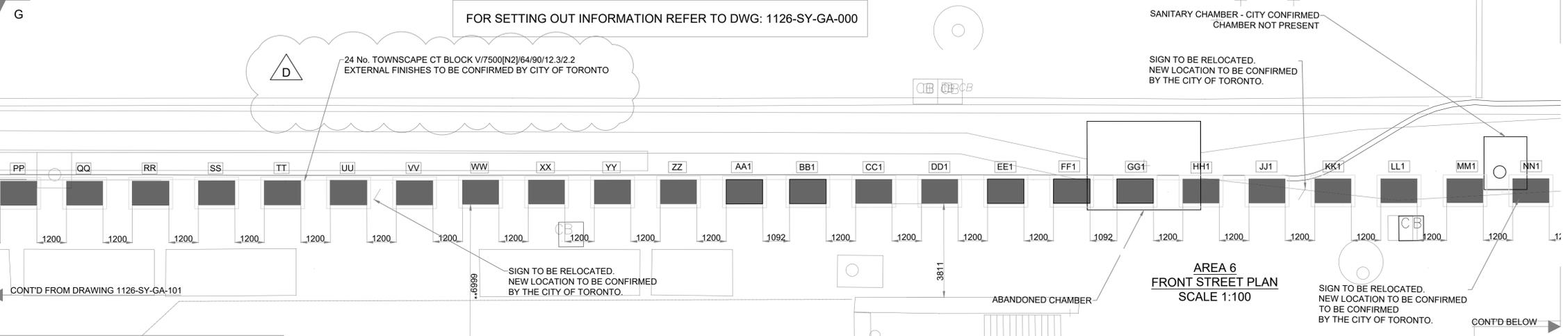


CONT'D FROM DRAWING 1126-SY-GA-101

CONT'D BELOW



FOR SETTING OUT INFORMATION REFER TO DWG: 1126-SY-GA-000

24 No. TOWNSCAPE CT BLOCK V/7500[N2]64/90/12.3/2.2. EXTERNAL FINISHES TO BE CONFIRMED BY CITY OF TORONTO

SIGN TO BE RELOCATED. NEW LOCATION TO BE CONFIRMED BY THE CITY OF TORONTO.

SIGN TO BE RELOCATED. NEW LOCATION TO BE CONFIRMED BY THE CITY OF TORONTO.

SIGN TO BE RELOCATED. NEW LOCATION TO BE CONFIRMED BY THE CITY OF TORONTO.

AREA 6 FRONT STREET PLAN SCALE 1:100

IDENTIFIED HAZARDS

- 10. TTC STRUCTURAL CLASH LIKELY.
- 11. FIRST PHASE OF WORK TO COMMENCE IN THIS LOCATION.
- 12. BOLLARD LINE TIGHT TO VENT STRUCTURE, CARE TO BE TAKEN WHEN EXCAVATION TAKES PLACE.
- 13. SERVICES UNKNOWN IN THIS AREA. SERVICE INFORMATION TO BE PROVIDED PRIOR TO WORK COMMENCING.
- 14. EXISTING CHAMBER CLOSE TO BOLLARDS. BOLLARD FOUNDATION TO BE RESHAPED TO AVOID CLASH WITH CHAMBER.
- 15. EXISTING PAVERS TO BE REMOVED AND THEN RE-INSTALLED. GROUND LEVELS TO BE MAINTAINED.
- 16. CARE TO BE TAKEN WITH EXCAVATION AS, MONITORING WELLS CLOSE TO BOLLARDS.

SUPPLY & INSTALLATION OF BOLLARDS NOT IN CONTRACT LAYOUT SHOWN FOR REFERENCE ONLY

BOLLARD LIST		BOLLARD LIST		BOLLARD LIST	
REF No.	BOLLARD ANGLE	REF No.	BOLLARD ANGLE	REF No.	BOLLARD ANGLE
69	90°	77	92°	85	93°
70	92°	78	92°	86	92°
71	92°	79	92°	87	92°
72	92°	80	94°	88	92°
73	93°	81	94°	89	94°
74	92°	82	94°	90	94°
75	90°	83	93°	91	94°
76	92°	84	93°	92	94°
				93	94°

NOTE: * = ANGLES TO BE VALIDATED BY CONTRACTOR PRIOR TO FABRICATION.

- NOTES**
- GENERAL**
- THIS DRAWING SHALL BE READ IN CONJUNCTION TO THE GENERAL NOTES IN DRAWING MP431-LCR-HVM-Z-NTS-0001.
 - DO NOT SCALE FROM THIS DRAWING.
 - ANY QUERIES ARE TO BE REFERRED BACK TO THE ENGINEER FOR CLARIFICATION.
 - ALL DIMENSIONS MARKED WITH ** SHALL BE CONFIRMED BY THE CONTRACTOR ON SITE.
 - ALL HVM LAYOUTS SHOULD BE CONFIRMED BY MAIN CONTRACTOR AND SUBMITTED TO THE ENGINEER FOR CHECKING AND CLARIFICATION OF ANY DEVIATION FROM PLANNED DIMENSIONS.
- BLOCK - TOWNSCAPE CT BLOCK**
- BLOCK 1490mm WIDE x 990mm DEPTH x 600mm DEEP. FINISH TO BE CONFIRMED.
- BOLLARD - ATG SP 1000 SHALLOW MOUNT BOLLARDS**
- SHROUD STYLE TYPE B : Ø306mm O/D x 2mm x 1150mm TOP OF SHROUDS TO BE CONFIRMED.
- BOLLARD - ATG SP 1000 EXTENDED DEEP MOUNT BOLLARDS**
- SHROUD STYLE TYPE B : Ø306mm O/D x 2mm x 1150mm TOP OF SHROUDS TO BE CONFIRMED.
- FINISHES: BANDING REQUIREMENTS & BASE FINISHES TO BE CONFIRMED.**

TO BE READ IN CONJUNCTION WITH DWG No:

- 1126-SY-GA-000
- 1126-SY-GA-100
- 1126-SY-GA-101
- 1126-SY-GA-200
- 1126-SY-GA-201
- 1126-SY-GA-202
- 1126-SY-GA-203
- 1126-SY-GA-204
- 1126-SY-GA-205
- 1126-SY-GA-206
- 1126-SY-GA-300
- 1126-SY-GA-301
- 1126-SY-GA-302
- 1126-SY-GA-303
- 1126-SY-GA-400
- 1126-SY-GA-401
- 1126-SY-GA-402

TO BE READ IN CONJUNCTION WITH LEA DWG No's:

- UVHM-C2023-01
- UVHM-C2023-03
- UVHM-C2023-05
- UVHM-C2023-07
- UVHM-C2023-09

REV	DATE	DESCRIPTION	BY	CHKD	APVD
D	11.12.23	SCHEDULES REVISED	MJH		
C	07.12.23	WALL STRENGTHENING REFERENCE REMOVED	MJH	MJC	MJC
B	05.12.23	FOR TENDER	MJH	MJC	MJC
A	06.10.23	DESIGN FREEZE ISSUE	MJH	MJC	MJC
P01	08.09.23	PRELIMINARY ISSUE	MJH	MJC	MJC

CONTRACT NAME: UNION STATION TORONTO HVM - 23177804

CLIENT: CITY OF TORONTO.

D.J. Goode & Associates Ltd.
Consulting Civil Engineers.
 The Old Control Tower,
 Lavenham Airfield,
 Old Bury Road,
 Alpheton,
 Sudbury, Suffolk,
 CO10 9BT.

Tel: 01284 827472
 Email: p1@djgoode.co.uk



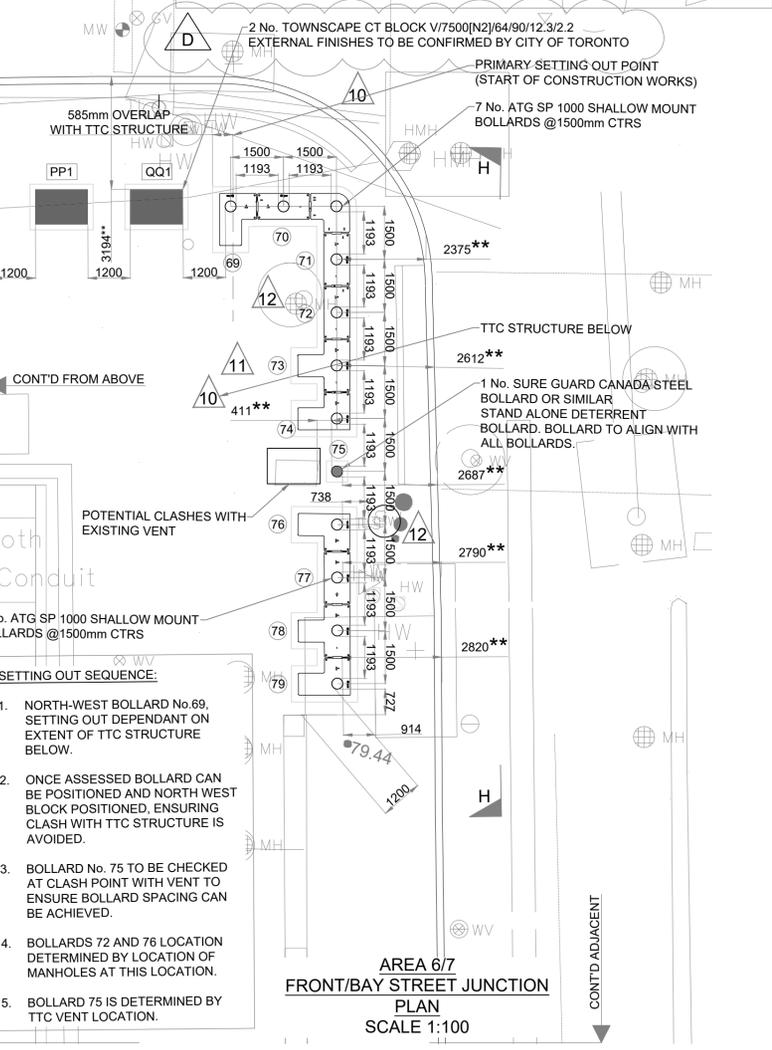
@ D.J. Goode & Associates Ltd. 2021

DRAWN BY:	DATE:	CHECKED BY:	DATE:	APPROVED BY:	DATE:
MJH	08.09.23	MJC	08.09.23		

DRAWING TITLE: UNION STATION TORONTO FRONT STREET/BAY STREET JUNCTION HVM PLAN

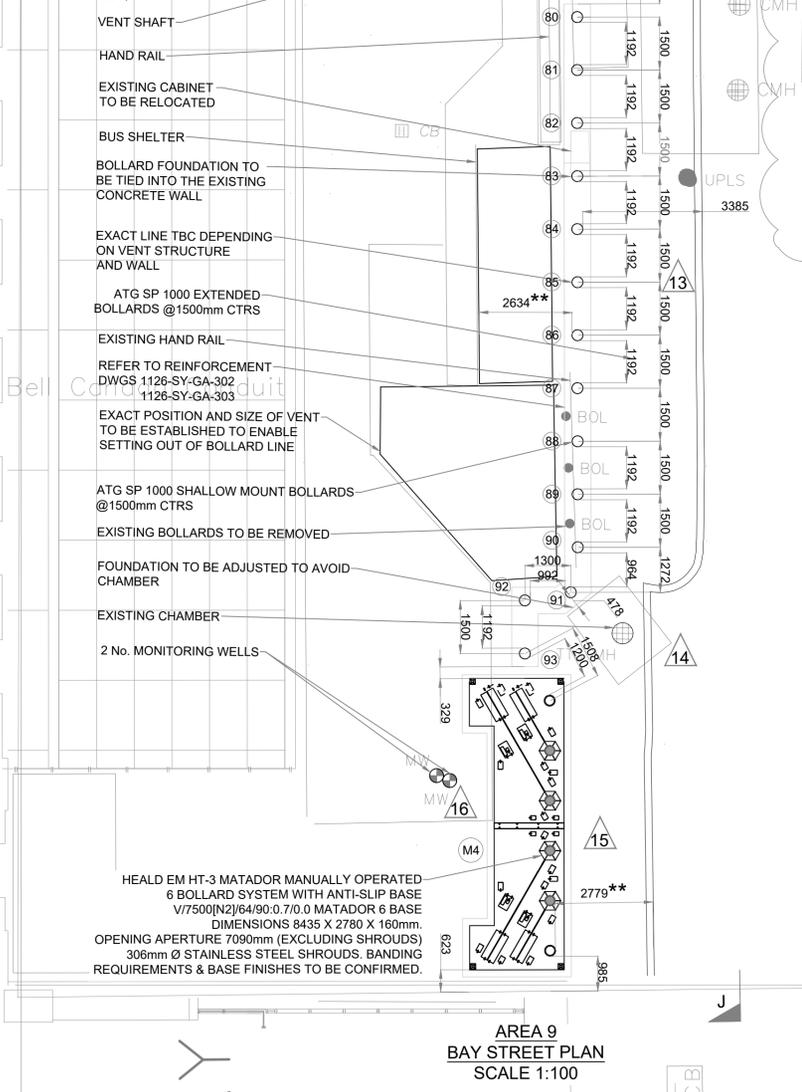
SCALE:	DRAWING STATUS:	PROTECTIVE MARKING:
1:100 @ A1	FOR TENDER	

FOR SETTING OUT INFORMATION REFER TO DWG: 1126-SY-GA-000



AREA 6/7 FRONT/BAY STREET JUNCTION PLAN SCALE 1:100

- SETTING OUT SEQUENCE:**
- NORTH-WEST BOLLARD No.69, SETTING OUT DEPENDANT ON EXTENT OF TTC STRUCTURE BELOW.
 - ONCE ASSESSED BOLLARD CAN BE POSITIONED AND NORTH WEST BLOCK POSITIONED, ENSURING CLASH WITH TTC STRUCTURE IS AVOIDED.
 - BOLLARD No. 75 TO BE CHECKED AT CLASH POINT WITH VENT TO ENSURE BOLLARD SPACING CAN BE ACHIEVED.
 - BOLLARDS 72 AND 76 LOCATION DETERMINED BY LOCATION OF MANHOLES AT THIS LOCATION.
 - BOLLARD 75 IS DETERMINED BY TTC VENT LOCATION.



AREA 9 BAY STREET PLAN SCALE 1:100

BLOCK LIST		BLOCK LIST		BLOCK LIST	
REF No.	LENGTH	REF No.	LENGTH	REF No.	LENGTH
PP	1490	YY	1490	JJ1	1490
QQ	1490	ZZ	1490	KK1	1490
RR	1490	AA1	1490	LL1	1490
SS	1490	BB1	1490	MM1	1490
TT	1490	CC1	1490	NN1	1490
UU	1490	DD1	1490	PP1	1490
VV	1490	EE1	1490	QQ1	1490
WW	1490	FF1	1490		
XX	1490	GG1	1490		
		HH1	1490		

MATADOR LIST	
REF No.	BOLLARD QTY
M	6

CONT'D ADJACENT

CONT'D ADJACENT

CONT'D FROM ADJACENT

CONT'D FROM ADJACENT