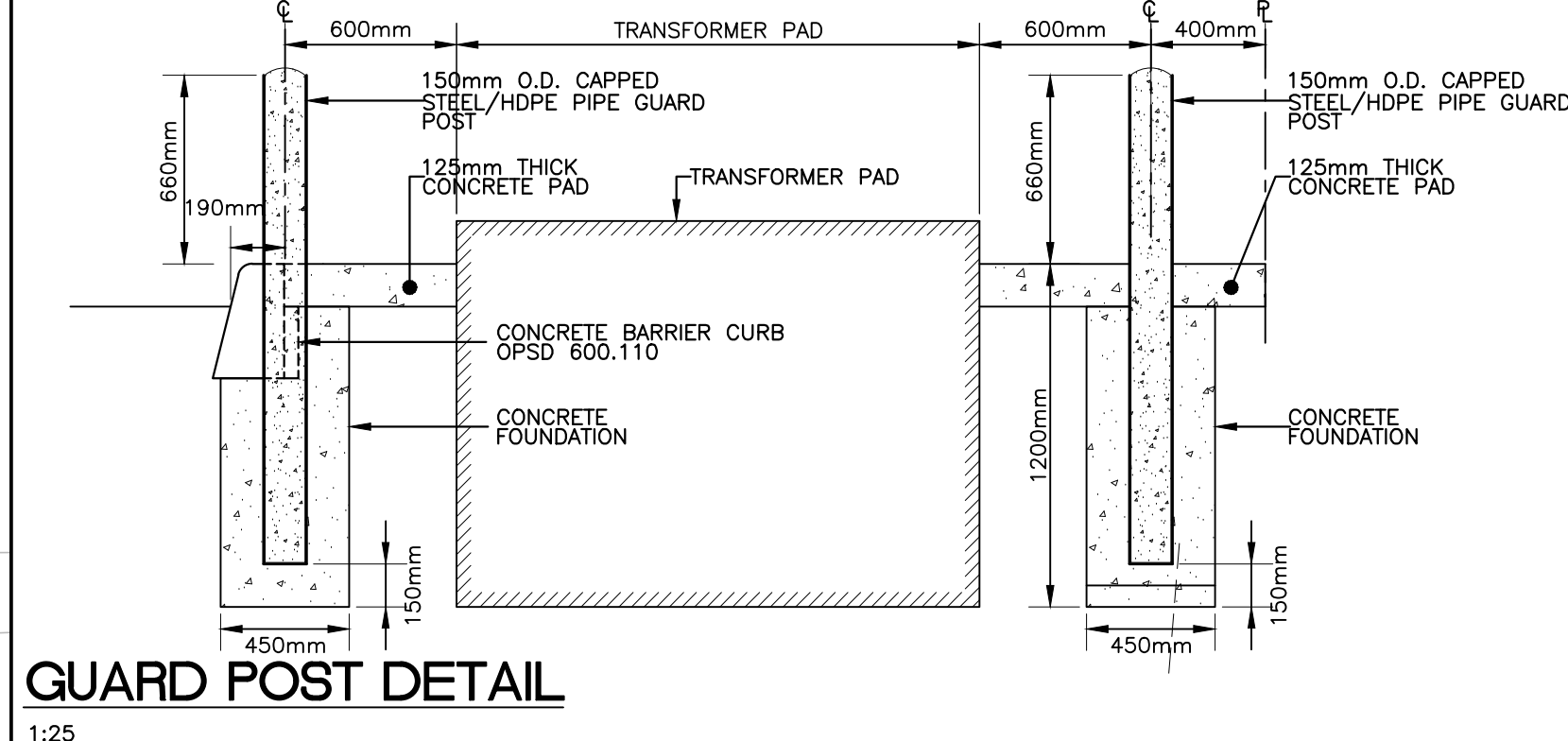


# ATTACHMENT 8 10489 ISLINGTON

FLOW-STORAGE STAGE SUMMARY					
STORM EVENT	TARGET FLOW (m <sup>3</sup> /s)	ORIFICE FLOW (m <sup>3</sup> /s)	PONDING ELEVATION (m)	STORAGE REQUIRED (m <sup>3</sup> )	STORAGE PROVIDED (m <sup>3</sup> )
100-YEAR	0.0133	0.0133	218.52	9.90	16.65
5-YEAR	0.0074	0.0074	218.25	5.50	5.68

NOTES:  
1. SIZE OF ORIFICE IS 100mm $\phi$  AT ELEVATION 218.08.  
2. FULL CAPACITY OF GREENSTORM STORAGE IS 25.17m<sup>3</sup> AT ELEVATION 218.73.



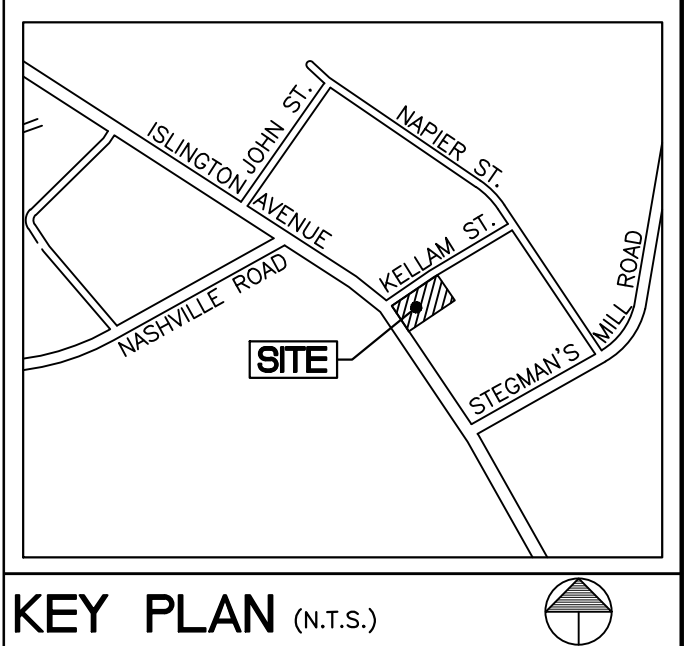
**GUARD POST DETAIL**  
1:25

**LEGAL INFO:**  
PART OF LOT 6 REGISTERED PLAN 11  
CITY OF VAUGHAN, REGION OF YORK.

**BENCHMARK INFO:**  
ELEVATIONS ARE GEODETIC AND ARE REFERRED TO THE CITY OF VAUGHAN BENCHMARK No. 48-2, ELEVATION = 237.76m.

**SURVEY INFO:**  
TOPOGRAPHICAL INFORMATION TAKEN FROM DRAWING: 15114-Islington10477-83-89-TB  
PROJECT: 15114 DONE BY ERTL SURVEYORS  
ONTARIO LAND SURVEYORS DATED MARCH 26th, 2015.

**DRAWING INFO:**  
BUILDING LAYOUT BASED ON ARCHITECTURAL DRAWINGS PREPARED BY BATTAGLIA ARCHITECT INC. DATED JAN 13, 2017, PROJECT No. 1432.



**KEY PLAN (N.T.S.)**

**LEGEND:**

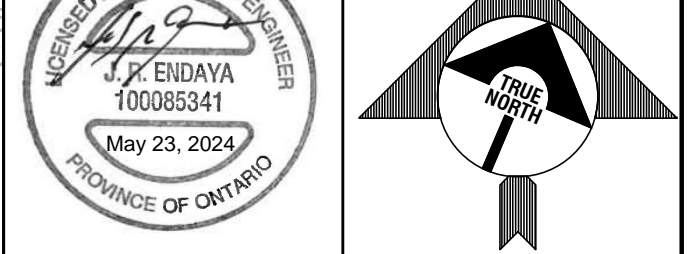
- PROPERTY LINE
- EXISTING WATERMAIN
- EXISTING STORM SEWER
- EXISTING SANITARY SEWER
- PROPOSED STORM SEWER
- x 220.02 EX EXISTING ELEVATION
- x 220.20 PROPOSED ELEVATION
- x T/C=220.20 PROPOSED TOP OF CURB ELEVATION
- x B/C=220.05 PROPOSED BOTTOM OF CURB ELEVATION
- PROPOSED GRADE SLOPE
- PROPOSED PRE-CAST CONCRETE CURB AS PER OPSD 603.020
- PROPOSED CONCRETE CURB AS PER OPSD 600.110
- EXISTING CONCRETE CURB (TO BE REMOVED)
- EXISTING TREE
- TS EXISTING TRAFFIC SIGN (TO BE REMOVED)
- EXISTING STORM/SANITARY MANHOLE
- PROPOSED SANITARY MANHOLE
- PROPOSED STORM MANHOLE
- PROPOSED CATCH BASIN MANHOLE
- CB PROPOSED CATCH BASIN
- FH EXISTING FIRE HYDRANT
- V&B PROPOSED VALVE AND BOX
- M PROPOSED WATER METER
- PROPOSED EMERGENCY OVERLAND FLOW
- BH1 BOREHOLE LOCATION

NO.	DESCRIPTION	DATE	BY
1	SPA RESUBMISSION	MAY 23 2024	J.R.E.
2	ADDRESSED CITY COMMENTS	FEB 28 2024	J.R.E.
3	NEW SITE PLAN	OCT 30 2023	J.R.E.
4	ADDRESSED CITY COMMENTS	JUL 21 2023	J.R.E.
5	REVISED PARKING LOT LAYOUT	MAR 23 2023	S.D.L.
6	SAN MH ADDED, OGS ADDED, TRANSFORMER ADDED, AND SITE PLAN REVISED PER CITY COMMENTS	SEPT 15 2020	T.M.J.
7	REVISED AS PER CITY COMMENTS	SEPT 30 2019	T.M.J.

**REVISIONS**

**CANDEVCON GROUP INC.**  
CONSULTING ENGINEERS AND PLANNERS

8338 GOREWAY DRIVE TEL: (905) 794-0600 BRAMPTON, ONTARIO L6P 0M7 FAX: (905) 794-0611



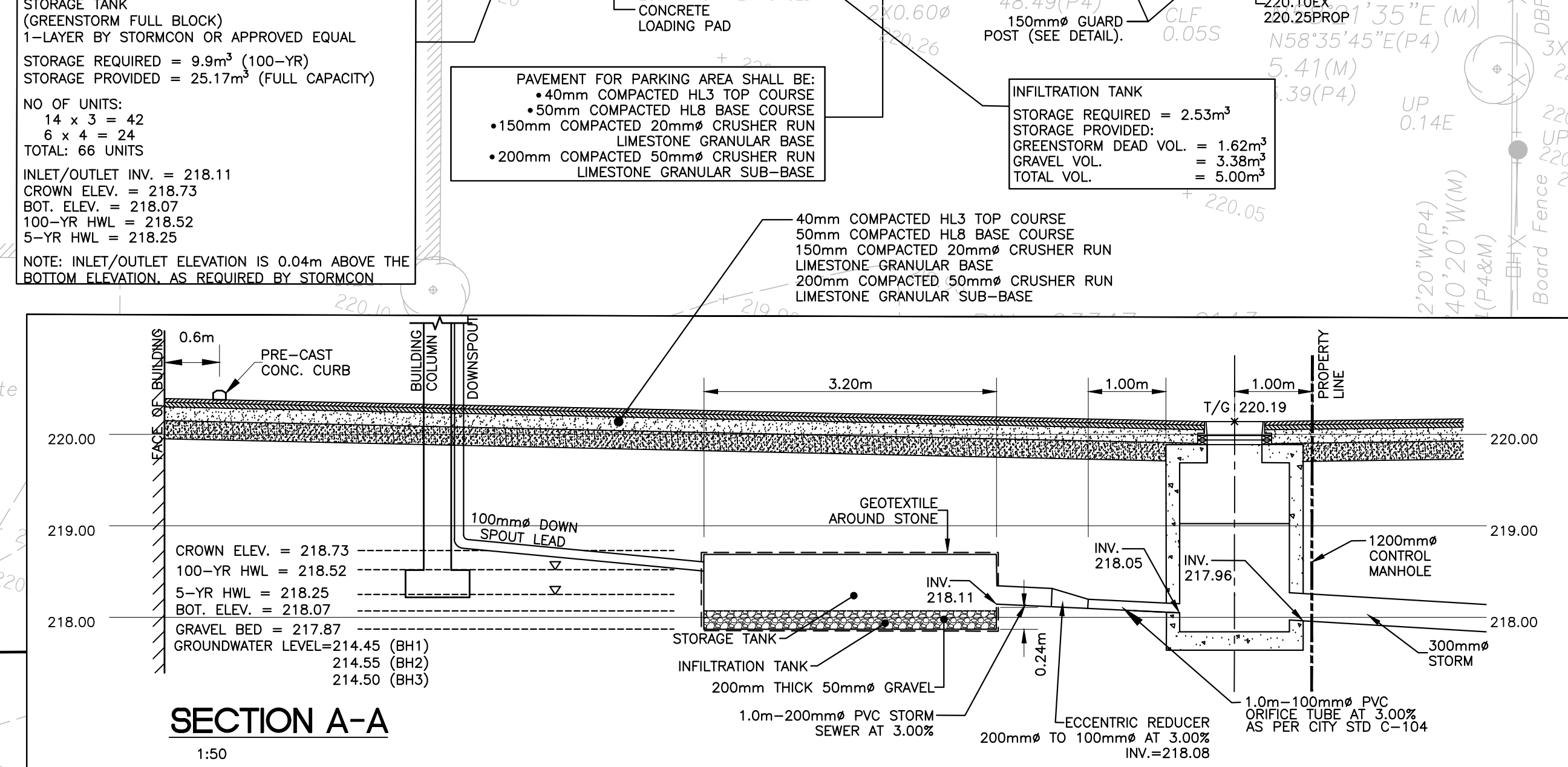
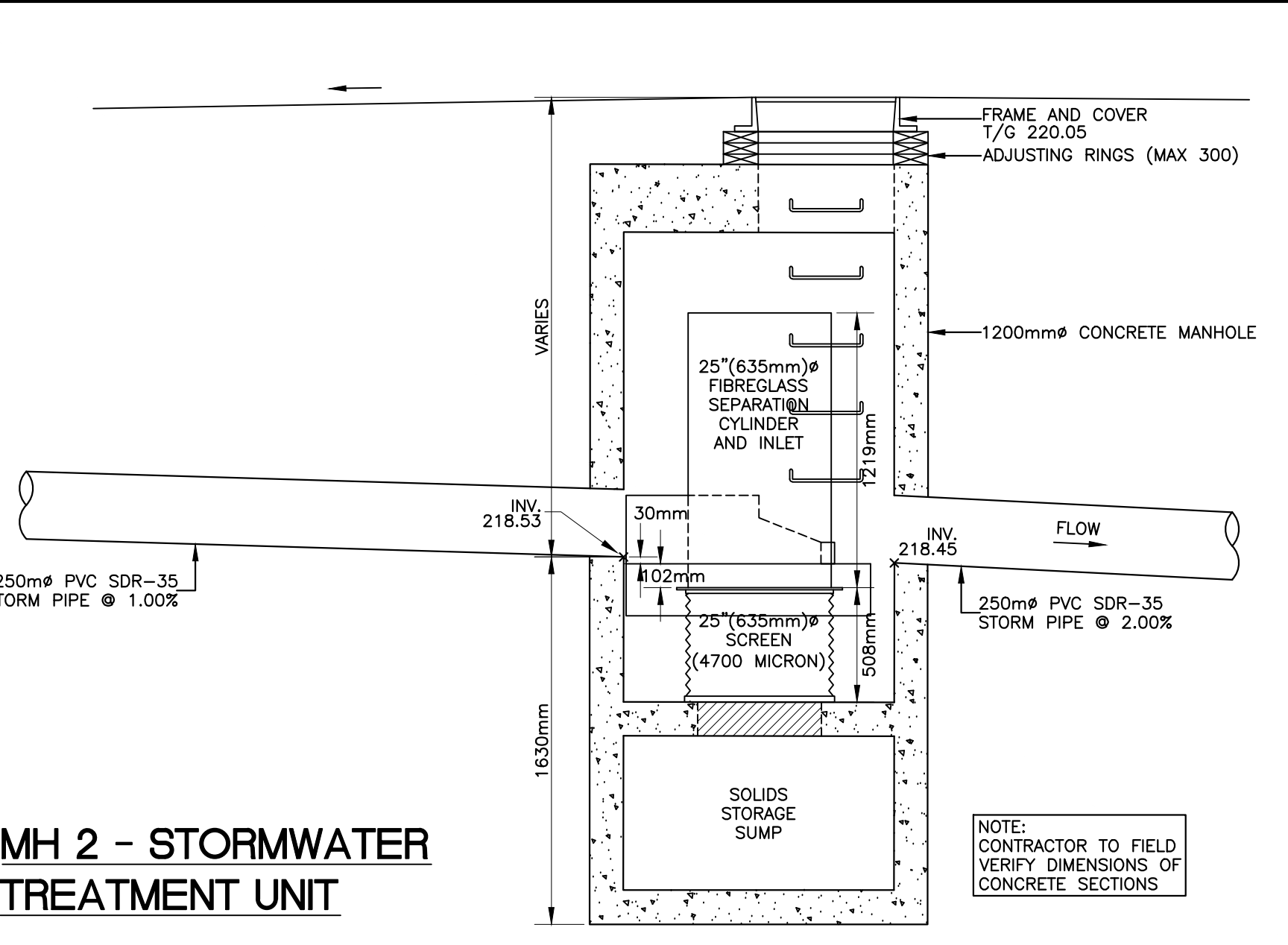
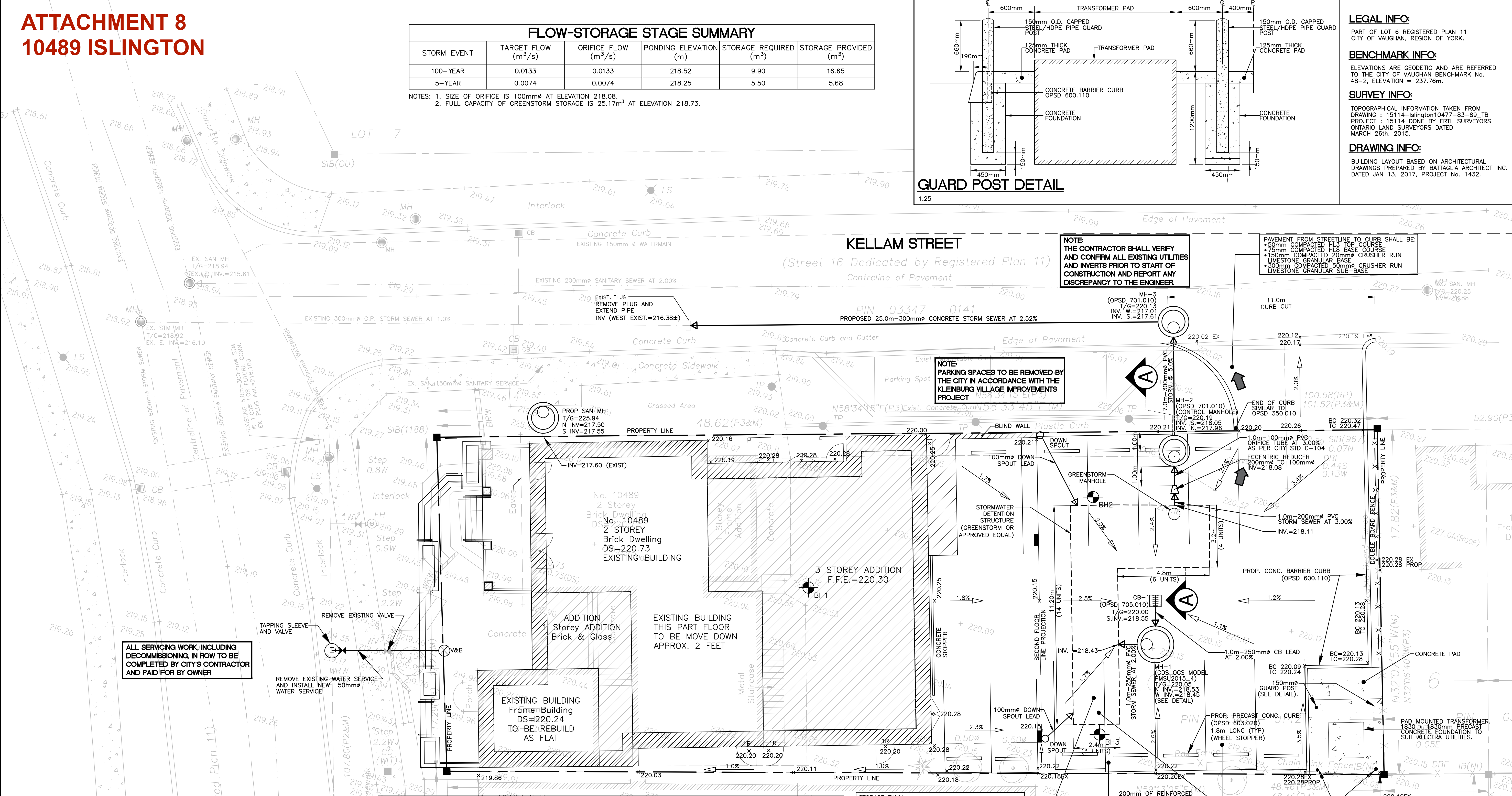
**PROPOSED ADDITION TO EXISTING BUILDING FOR**

**2081447 ONTARIO INC.**

10489 ISLINGTON AVENUE  
CITY OF VAUGHAN (FILE: DA.17.071)

**GRADING AND SERVICING PLAN**

DRAWN BY: D.R./Y.D.N. PROJECT No. W16147  
DESIGN/CHECK BY: J.R.E./T.M.J./D.K.H. DRAWING No.  
SCALE: 1:100  
DATE: JUL 21, 2023



**SECTION A-A**  
1:50

ALL SERVICING WORK, INCLUDING DECOMMISSIONING, IN ROW TO BE COMPLETED BY CITY'S CONTRACTOR AND PAID FOR BY OWNER

ISLINGTON AVENUE  
(Formerly King Road Dedicated by Registered Plan 11)  
YORK REGION ROAD 7

PIN 03347 - 0427  
(Reference Bearing)

**MH 2 - STORMWATER TREATMENT UNIT**

NOTE: CONTRACTOR TO FIELD VERIFY DIMENSIONS OF CONCRETE SECTIONS

STORAGE TANK (GREENSTORM FULL BLOCK)  
1-LAYER BY STORMCON OR APPROVED EQUAL  
STORAGE REQUIRED = 9.9m<sup>3</sup> (100-YR)  
STORAGE PROVIDED = 25.17m<sup>3</sup> (FULL CAPACITY)  
NO. OF UNITS:  
14 x 3 = 42  
6 x 4 = 24  
TOTAL: 66 UNITS  
INLET/OUTLET INV. = 218.11  
CROWN ELEV. = 218.73  
BOT. ELEV. = 218.07  
100-YR HWL = 218.52  
5-YR HWL = 218.25  
NOTE: INLET/OUTLET ELEVATION IS 0.04m ABOVE THE BOTTOM ELEVATION, AS REQUIRED BY STORMCON

PAVEMENT FOR PARKING AREA SHALL BE:  
• 40mm COMPACTED HL3 TOP COURSE  
• 50mm COMPACTED HL8 BASE COURSE  
• 150mm COMPACTED 20mm $\phi$  CRUSHER RUN LIMESTONE GRANULAR BASE  
• 200mm COMPACTED 50mm $\phi$  CRUSHER RUN LIMESTONE GRANULAR SUB-BASE

INFILTRATION TANK  
STORAGE REQUIRED = 2.53m<sup>3</sup>  
STORAGE PROVIDED:  
GREENSTORM DEAD VOL. = 1.62m<sup>3</sup>  
GRAVEL VOL. = 3.38m<sup>3</sup>  
TOTAL VOL. = 5.00m<sup>3</sup>

NOTE: THE CONTRACTOR SHALL VERIFY AND CONFIRM ALL EXISTING UTILITIES AND INVERTS PRIOR TO START OF CONSTRUCTION AND REPORT ANY DISCREPANCY TO THE ENGINEER.

NOTE: PARKING SPACES TO BE REMOVED BY THE CITY IN ACCORDANCE WITH THE KLEMBURG VILLAGE IMPROVEMENTS PROJECT

PAVEMENT FROM STREETLINE TO CURB SHALL BE:  
• 50mm COMPACTED HL3 TOP COURSE  
• 75mm COMPACTED HL8 BASE COURSE  
• 150mm COMPACTED 20mm $\phi$  CRUSHER RUN LIMESTONE GRANULAR BASE  
• 300mm COMPACTED 50mm $\phi$  CRUSHER RUN LIMESTONE GRANULAR SUB-BASE