#### GENERAL NOTES ALL MUNICIPAL REMOVAL WORKS SHALL CONFORM TO THE LATEST CITY'S SPEC TS 510. ALL REMOVED FACILITIES SHALL BE PROPERLY DISPOSED OFF-SITE. THE CONTRACTOR IS HELD RESPONSIBLE BY THE CITY FOR ANY DAMAGE CAUSED BY THE CONTRACTOR'S WORK TO UTILITIES, PROPERTIES, STRUCTURES, ETC. NEAR TO OR IN THE GENERAL AREA OF THE WORK BY THE CONTRACTOR OR THE SUBCONTRACTORS AS A RESULT OF INTENTIONAL OR NEGLIGENT ACTION, OMISSION, SETTLEMENT OF GROUND, VIBRATION, ETC. PERTAINING TO THE WORK PERFORMED UNDER THE CONTRACT THE CONTRACTOR IS RESPONSIBLE TO PROPERLY FIX, REPAIR AND REINSTATE, AT THEIR OWN EXPENSE, ALL OF SUCH DAMAGES. DRAWINGS ARE TO BE READ IN CONJUNCTION WITH FUNCTIONAL SERVICING AND STORMWATER MANAGEMENT REPORT PREPARED BY R.J. BURNSIDE AND ASSOCIATES LTD. ALL WORK TO CONFORM TO THE LATEST CITY OF TORONTO STANDARD DRAWINGS AND SPECIFICATIONS AS WELL AS THE LATEST ADOPTED ONTARIO PROVINCIAL STANDARD DRAWINGS AND SPECIFICATIONS. ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE CURRENT "OCCUPATIONAL HEALTH AND SAFETY ACT". THE GENERAL CONTRACTOR SHALL BE DEEMED TO BE THE CONSTRUCTOR AS DEFINED IN THE ACT. ALL TEMPORARY TRAFFIC CONTROL AND SIGNAGE DURING CONSTRUCTION SHALL BE IN ACCORDANCE WITH CURRENT ONTARIO TRAFFIC MANUAL BOOK 7 TEMPORARY CONDITIONS FIELD EDITION. ALL TRENCHES WITHIN EXISTING RIGHT OF WAY SHALL BE BACKFILLED WITH UNSHRINKABLE FILL THE CONTRACTOR SHALL RECTIFY ALL DISTURBED AREAS TO THE ORIGINAL CONDITION OR BETTER AND TO THE SATISFACTION OF THE EXECUTIVE DIRECTOR OF TECHNICAL SERVICES. D. PRIOR TO COMMENCING ANY WORK WITHIN THE MUNICIPAL RIGHT OF WAY. THE CONTRACTOR OR DEVELOPER OR CONSULTANT WILL OBTAIN ALL NECESSARY ROAD OCCUPANCY PERMITS FROM THE CITY'S RIGHT-OF-WAY MANAGEMENT SECTION. CONTACT 416-394-8422. 1. ALL DIMENSIONS AND ELEVATIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO ANY CONSTRUCTION AND HE SHALL REPORT ANY DISCREPANCIES IMMEDIATELY TO THE ENGINEER (DETAILS ARE NOT TO BE SCALED FROM THE DRAWINGS 12. $\,$ ALL CONSTRUCTION SIGNING MUST CONFORM TO THE M.T.O. MANUAL "UNIFORM TRAFFIC CONTROL DEVICES" LATEST EDITION. 3. REFERENCE TO STANDARD DRAWINGS SHALL MEAN THE STANDARD DRAWINGS OF THE CITY OF TORONTO UNLESS NOTED OTHERWISE AND THESE SHALL BE THE REVISION IN EFFECT AS OF THE DATE OF THE CITY'S APPROVAL OF THE CONSTRUCTION DRAWINGS. 14. ALL SILT CONTROL DEVICES SHALL BE MAINTAINED IN GOOD CONDITION UNTIL ALL SODDING HAS BEEN COMPLETED FOR THE DEVELOPMENT. SILT FROM THE SITE SHALL BE DISPOSED OF AS PER THE DIRECTION OF THE ENGINEER SE INV=138.70 W INV=340 10 **HYDRANT** E INV=138.57 N/NV=138 19 <u>W INV=141.74</u> \_\_E |AV=14<del>1.73</del> EX.375mmØ CONC. SAN EX. 525mm Ø CONC. STM PROPOSED CURB AND GUTTER TO BE EX. MH17 -SEPARATED FROM THE PROPOSED TOP=142.86 0.40m WIDE STRIP OF LAND ALONG PROPOSED 2.1m WIDE SIDEWALK WITH A TYPICAL S /NV=137.93 THE LAWRENCE AVENUE EAST EXPANSION JOINT AS PER CITY OF E /NV=137.91 CONCRETE MUNICIPAL FRONTAGE OF THE SITE TO BE TORONTO STANDARD T-310-010. SIDEWALK AS PER CITY PROPOSED BUS SHELTER LOCATION EXISTING BUS SHELTER OCATION - TO BE RELOCATED CORE INTO EX. 525mm STORM SEWER TG=142.79 AND INSTALL 200mmØ STORM SERVICE STORM CONTROL MH1 CONNECTION AS PER STD. T-1006.010. CAST IN PLACE - FRAME AND LID 13 + H + H + H -PROPOSED AD7 PROPOSED AD11 AS PER OPSD 401.010 TYPE A WATER1 TG=144.49 LADDER PER OPSD 406.010 EX. INV=138.85 TOP=142.85 NW INV=139.21 PROP. SIAMESE CONNECTION PROPOSED AD5 SW INV=139.69 PROP. SIAMESE CONNECTION AT GROUND LEVEL TG=146.02 AT GROUND LEVEL LINE OF BUILDING AT ACCESS HATCH AS PER OFFLINE JELLYFISH FILTER JF6 WITH GROUND LEVEL OPSD 401.010 TYPE B. PLUMBED BYPASS. REFER TO TOP=142.70 DRAWING D1 FOR FURTHER DETAILS TOP=142.90 150mm ORIFICE TUBE TO RESTRICT FLOW FROM STORM EXISTING CATCHBASIN TANK INTO CONTROL MANHOLE TO REMAIN TOP=142.35 CAST IN PLACE STORMWATER VAULT S INV=141.04 100-YR VOL PROVIDED = 223.7 m<sup>3</sup> **(1200Ø)** 100-YR VOL REQUIRED = 219.9 m<sup>3</sup> WATER REUSE SUMP VOLUME = 25.2 m<sup>3</sup> PROPOSED AD9 TG=142.44 PROP. SIAMESE CONNECTION-UNABLE TO VERIFY SANITARY AT GROUND LEVEL E AT GROUND LEVEL MAINTENANCE HOLE AND PIPE DURING /|\ /|\ /|| |\ /|\ /| SITE INVESTIGATION. LOCATION DEPICTED PER RECORD DRAWINGS. I OCATION OF MAINTENANCE HOLE AND PIPE TO BE CONFIRMED IN THE FIELD. 0.40m WIDE STRIP OF LAND PROP. SIAMESE ALONG THE DONWAY WEST CONNECTION AT FRONTAGE OF THE SITE TO GROUND LEVEL BE CONVEYED TO THE CITY PROPOSED AD10 TG=144.81 TG = 142.87 PROPOSED 2.1m WIDE WATER METERS, BACKFLOWH CONCRETE MUNICIPAL PREVENTERS AND DETECTOR SEMBLIES LOCATED INTERNALLY IN SIDEWALK AS PER CIT P1 MECHANICAL ROOM AS PER SD-4. STANDARD T-310.010-2 METER TO BE LOCATED WITHIN 30m OF PROPERTY LINE SW INV=138.21 150mmØ PVC EX. SANITARY MANHOLE TG=144.12 (TOWER B) WATER OOMESTIC (TOWER) AND SERVICE CONNECTION SERVICE A) WATER SERVICE TO BE REMOVED PROPOSED AD8-50mmØ PVC DOMESTIC SANITARY CONTROL MH3A TG=143.85 (PODIUM) WATER PROVIDE 1.2m CAST IN PLACE x150mm TE CLEARANCE AROUND SERVICE FRAME AND LID AS PER OPSD NEW FIRE HYDRANT - EX./MH28 401.010 TYPE A LADDER PER OPSD 406.010 COMBINED FIRE AND DOMESTIC TOP=142.84 WATER CONNECTIONS AS PER TOP=145.00 PROPOSED AD3 CITY STD. T-1104.02-3 SE INV=140.43 TG=144.57 PROPOSED AD2 SANITARY CONTROL MH2A TG=144.29 CAST IN PLACE HYDRANT AT FRAME AND LID AS PER OPSD THE SIGNED ACCEPTANCE BY ENGINEERING AND CONSTRUCTION SERVICES PERTAINS TO THE 401.010 TYPE A PROPOSED SERVICE CONNECTIONS LOCATED WITHIN THE MUNICIPAL RIGHT-OF-WAY. SERVICING ON LADDER PER OPSD 406.010 SITE ENTRANCE AS PRIVATE PROPERTY REQUIRES PLUMBING APPROVAL UNDER THE ONTARIO BUILDING CODE IN CONJUNCTION WITH THE PERMIT APPLICATION PROCESS ADMINISTERED BY THE BUILDING DIVISION. TOP=145.05 PER CITY STANDARD CATCHBASIN. CUT EXISTING TOP=143.71 SE INV=140.48 LEAD TO SUIT NEW IT IS THE RESPONSIBILITY OF THE APPLICANT/CONSULTANT TO ENSURE COMPLIANCE WITH ALL STRUCTURE, INVERT AT SANITARY CONTROL MH1A APPLICABLE PROVINCIAL STANDARDS AND TO OBTAIN ALL PROVINCIAL APPROVALS, INCLUDING BUT NEW STRUCTURE TO BE CAST IN PLACE HYDRANT NOT LIMITED TO ENVIRONMENTAL COMPLIANCE APPROVALS. CONFIRMED IN THE FIELD. FRAME AND LID AS PER OPSD 200mmØ PVC FIRE 401.010 TYPE A INSTALL NEW CATCHBASIN SERVICE IT IS THE RESPONSIBILITY OF THE APPLICANT TO COMPLY WITH THE SEWER USE BY-LAW AND OBTAIN CONNECT PROPOSED 150mmØ LADDER PER OPSD 406.010 AS PER T-705.010. FRAME AND ALL APPROVALS/PERMITS FROM TORONTO WATER - ENVIRONMENTAL MONITORING AND PROTECTION WATERMAIN TO EXISTING 300mmØ TOP=145.10 GRATE AS PER OPSD 400.020 UNIT FOR ANY PROPOSED TEMPORARY OR PERMANENT DISCHARGING OF GROUNDWATER INTO CORE INTO EX. 300mm CONCRETE

SANITARY SEWER AND INSTALL 150mmØ

SANITARY SERVICE CONNECTION AS PER

CORE INTO EX. 300mm CONCRETE

SANITARY SEWER AND INSTALL 150mmØ

SANITARY SERVICE CONNECTION AS PER

STD. T-1006.010.

PROP. NW INV=140.30

STD. T-1006.010.

EX. INV=140.14

FX INV=140.11

SE INV=140.41

6.6m-150mmø PVC SAN @ 2.009

RIM ELEVATION OF EX. MH32

TO BE RAISED TO 144.98

ADJUSTMENT UNITS

USING PRECAST CONCRETE

Plotted by:JMcGihon Paper size: ARCH D (24.00 X 36.00 Inches) Plot table: Rjb Full Scale-pickering 2013.ctb

CORE INTO SANITARY EX. MH32

CONNECTION AT INV=140.27.

RE-BENCH MANHOLE TO SUIT.

AND INSTALL 150mmØ

SANITARY SERVICE

6.5m-150mmø PVC SAN @ 2.00\\

-EX. WATER SERVICE - TO

CONNECT PROPOSED 200mmØ

WATERMAIN TO EXISTING 300mmØ

T-1104.02-3 WITH TAPPING SLEEVE

BE DECOMMISSIONED

WATERMAIN AS PER STD.

AND VALVE

WATERMAIN AS PER STD

AND VALVE

-1104.02-3 WITH TAPPING SLEEVE

**GENERAL CONFORMANCE NOTES:** 

AT THE DISCRETION OF TORONTO

-l EX. MH22

MINICIPAL SEWER SYSTEMS AND WATERCOURSES. THE APPLICANT IS ALSO RESPONSIBLE FOR

STORMWATER RUNOFF FROM THE SUBJECT DEVELOPMENT SHALL NOT BE DIRECTED TO DRAIN ONTO

THERE MAY BE RUNOFF FROM RAIN STORMS THAT EXCEEDS THE CAPACITY OF THE CITY'S STORM

SERVICE CONNECTIONS. THEREFORE, THE OWNER SHALL BE RESPONSIBLE TO PROVIDE FLOOD

PROTECTION OR A SAFE OVERLAND FLOW ROUTE FOR THE PROPOSED DEVELOPMENT WITHOUT CAUSING DAMAGE TO THE PROPOSED AND ADJACENT PUBLIC AND PRIVATE PROPERTIES.

ALL SERVICE CONNECTIONS ARE TO BE INSTALLED BY THE CITY OF TORONTO AT THE APPLICANT'S

THIS APPLICATION HAS BEEN COMMENTED ON UNDER THE CONSIDERATION THAT THE BUILDING

FOUNDATION FOR THIS DEVELOPMENT HAS BEEN EXTERNAL DESIGNED AS A WATER TIGHT SYSTEM. THE OWNER AND MECHANICAL AND STRUCTURAL ENGINEERS HAVE PROVIDED CERTIFICATE LETTERS

NEEPING SYSTEM WILL NOT BE INSTALLED UNDERNEATH THE BASEMENT FLOOR OR AROUND THE

PERIMETER OF THE PROPOSED BUILDING. THEREFORE, PUMPING OF THE GROUNDWATER TO ANY

MUNICIPAL SEWERS WILL BE REQUIRED TO BE IN COMPLIANCE WITH THE CITY OF TORONTO

COMPLYING WITH ALL THE APPLICABLE PROVINCIAL REQUIREMENTS AND OBTAINING THE

EXISTING DRAINAGE PATTERNS ON ADJACENT PROPERTIES SHALL NOT BE ALTERED AND

NECESSARY APPROVALS AND/OR PERMITS FROM THE MINISTRY OF THE ENVIRONMENT &

CONSERVATION AND PARKS WITH REGARD TO ANY PROPOSED DEWATERING.

ADJACENT PROPERTIES.

MUNICIPAL CODE CHAPTER 681

TOP=142.24

NW INV=139.09

THE CONTRACTOR/OWNER SHALL PROVIDE THE FOLLOWING DOCUMENTS FOR REVIEW A MINIMUM OF (14) DAYS PRIOR TO REQUIRING CIVIL ENGINEERING GENERAL CONFORMANCE. FOR FURTHER DETAILS AND REQUIREMENTS REFER TO DIVISION SPECIFICATIONS IF APPLICABLE.

2. CCTV VIDEOS OF ALL STORM AND SANITARY PIPES INCLUDING CATCHBASIN LEADS IN GOOD WORKING ORDER:

- 3. AN ACCEPTANCE/CONFORMANCE/APPROVAL SUMMARY LETTER FROM THE GEOTECHNICAL ENGINEER OF RECORD STATING THAT THEY HAVE REVIEWED THE SITE DURING THE WORKS AND FIND THE FOLLOWING ITEMS TO MEET PROJECT GEOTECHNICAL REQUIREMENTS: PIPE BEDDING, COVER AND BACKFILL, GRANULAR, ASPHALT AND CONCRETE MATERIALS, ETC.;

1. COMPLETED AND PASSING WATERMAIN PRESSURE AND CHLORINATION TEST RESULTS IN ACCORDANCE WITH LOCAL MUNICIPAL STANDARDS;

- 4. STRUCTURAL AND GEOTECHNICAL ACCEPTANCE/CONFORMANCE/APPROVAL SUMMARY LETTER FOR ALL RETAINING WALLS AND STRUCTURAL COMPONENTS OF THE PROJECT (IF APPLICABLE);
- 5. A DETAILED AS BUILT SURVEY INCLUDING BUT IS NOT LIMITED TO: STORM & SANITARY STRUCTURE LOCATIONS/ELEVATIONS, PIPE INVERTS/LOCATION AND RIM ELEVATIONS. HYDRANT FLANGE ELEVATIONS. WATERMAIN VALVE LOCATIONS. WATERMAIN PIPE LOCATION/ELEVATIONS. HYDRO AND GAS LOCATIONS/ELEVATIONS, SURFACE ELEVATIONS THROUGHOUT THE SITE INCLUDING ALL HIGH AND LOW POINTS INDICATED ON THE GRADING PLAN, PARKING AREA AND DRIVE AISLE ELEVATIONS AT 5 METER INTERVALS. ACCESSIBLE RAMP LOCATIONS. TOP AND BOTTOM OF RETAINING WALL ELEVATIONS, CURB CUT LOCATIONS AND SWALE/DITCH LOCATION/ELEVATIONS, ETC.

# SANITARY AND STORM SEWER NOTES

### 1. MAIN LINE PVC PIPE SHALL BE DR 35.

DWELLINGS.

- 2. SANITARY SERVICE CONNECTIONS SHALL BE SINGLE, 150 mm DIAMETER MINIMUM, PVC DR 28 INSTALLED AT 2 PERCENT AND THE COLOUR SHALL BE GREEN, FOR SINGLE RESIDENTIAL
- 3. EMBEDMENT MATERIAL FOR FLEXIBLE PIPE SHALL BE ACCORDING TO OPSD 802.010 AND USING GRANULAR A NATIVE OR GRANULAR A RCM ACCORDING TO TS 1010 AND COMPACTED TO MINIMUM
- 98% OF MAXIMUM DRY DENSITY 4. BEDDING FOR RIGID PIPE SHALL BE CLASS B BEDDING MATERIAL ACCORDING TO OPSD 802.031 AND USING GRANULAR A NATIVE OR GRANULAR A RCM BEDDING MATERIAL ACCORDING TO TS 1010 AND
- 5. ULTRA-RIB PIPE IS NOT PERMITTED WITHIN THE MUNICIPAL RIGHT-OF-WAY.

COMPACTED TO MINIMUM 98% OF MAXIMUM DRY DENSITY

- 6. MAINTENANCE HOLES SHALL BE ACCORDING TO T-701.010 (1200 mm), T-710.011 (1500 mm), T-701.012-1 (1800 mm) OR T-701.013 (2400 mm). FRAME AND COVER SHALL BE ACCORDING TO OPSD 401.010 TYPE A CLOSED (SANITARY AND STORM).
- MAINTENANCE HOLE CHAMBER OPENINGS MUST BE LOCATED ON THE UPSTREAM SIDE OF THE MAINTENANCE HOLE.
- 8. BENCHING DETAILS SHALL BE ACCORDING TO T-701.021 OR AS SHOWN ON THE DRAWINGS.
- 9. DROP STRUCTURES SHALL BE ACCORDING TO T-1003.01 (EXTERNAL) AND T-1003.01-2 (INTERNAL)
- 10. SANITARY MAINTENANCE HOLES SHALL HAVE WATERTIGHT FRAMES AND COVERS IN PONDING
- AREAS ACCORDING TO OPSD 401.030. 11. REINFORCED CONCRETE PIPE SHALL BE MINIMUM 65-D. HEIGHT OF FILL TO BE VERIFIED USING OPSD
- TABLES 807.010 AND 807.030.
- 12. NON-REINFORCED CONCRETE PIPE 150 mm TO 250 mm SHALL BE CLASS 3. HEIGHT OF FILL TO BE VERIFIED USING OPSD TABLES 807.040.
- 13. THE CONTRACTOR IS TO PROVIDE CCTV CAMERA INSPECTIONS OF ALL SANITARY SEWERS, INCLUDING PICTORIAL REPORT, TWO (2) CD COPIES IN A FORMAT SATISFACTORY TO THE ENGINEER. ALL SEWERS ARE TO BE FLUSHED PRIOR TO CAMERA INSPECTION.

### WATERMAIN NOTES

- 1. PVC WATERMAINS SHALL BE MINIMUM DR 18 CLASS 235 (AWWA) C900-07 OR MOLECULARLY ORIENTED POLYVINYL CHLORIDE (PVCO) PIPES RANGING IN SIZE FROM 100 mm TO 300 mm IN DIAMETER PRESSURE CLASS 235 AWWA C909-09. PVC PIPES RANGINS IN SIZE FROM PRESSURE RATING 235, DR 18, ACCORDING TO AWWA C905-10
- 2. EMBEDMENT MATERIAL FOR FLEXIBLE PIPE SHALL BE ACCORDING TO OPSD 802.010 AND USING GRANULAR A ACCORDING TO TS 1010 AND COMPACTED TO MINIMUM 98% OF MAXIMUM DRY DENSITY.
- 3. MINIMUM COVER ON WATERMAINS SHALL BE 1.8 m.
- ALL HYDRANTS SHALL BE CONSTRUCTED ACCORDING TO T-1105.01
- 5. HYDRANT LEADS SHALL BE MINIMUM DR 18 CLASS 235 (AWWA) C900-07 OR PRESSURE CLASS 235 AWWA C909-09.
- 6. ALL SERVICE CONNECTION SHALL BE CONSTRUCTED ACCORDING TO T-1104.01, T-1104.02-1, T-1104.02-3, T-1105.02-1 AND T-1105.02-2.
- 7. SINGLE WATER SERVICE CONNECTIONS SHALL BE A MINIMUM OF 19 mm DIA. TYPE "K" SOFT COPPER ACCORDING TO T-1104.01. WHEN SERVICE LENGTH EXCEEDS 30 m, THE DIAMETER SHALL BE 25 mm
- 8. ALL CURB AND VALVE BOXES TO BE LOCATED AT STREET LINE.
- 9. MECHANICAL THRUST RESTRAINTS SHALL BE INSTALLED AT ALL FITTINGS, BENDS, TEES, CROSSES, REDUCERS AND VALVES FOR ALL WATERMAIN SIZES. MECHANICAL RESTRAINTS AT JOINTS SHALL BE INSTALLED AT EVERY PIPE JOINT 6.1 m OF EITHER SIDE OF THE VALVE FOR WATERMAINS 100 mm DIAMETER OR LARGER.
- 10. ALL TEES, PLUGS, HORIZONTAL, VERTICAL BENDS, REDUCERS AND HYDRANTS TO HAVE CONCRETE
- THRUST BLOCKS ACCORDING TO T-1103.01 AND T-1103.020. 11. WATERMAINS MUST FOLLOW THE ONTARIO MINISTRY OF THE ENVIRONMENT PROCEDURE F-6-1 THAT GOVERN THE SEPARATION OF SEWERS AND WATERMAINS. A MINIMUM VERTICAL CLEARANCE OF 0.30 m WHEN CROSSING OVER AND 0.5 m WHEN CROSSING UNDER SEWER AND ALL OTHER UTILITIES IS
- 12. ALL VALVES LESS THAN 400 mm WILL BE IN A VALVE AND BOX ACCORDING TO T-1101.02-2. ALL VALVES 400 mm AND LARGER SHALL BE IN A CHAMBER.
- 13. SACRIFICIAL ANODES SHALL BE INSTALLED ON ALL METALLIC PIPES AND APPURTENANCES, WATER SERVICES AND FITTINGS ACCORDING TO T-1106.04, T-1106.05, T-1106.06 AND TS 7.22.

REQUIRED. MUST ALSO MAINTAIN 2.5 m HORIZONTAL SEPARATIONS WITH SEWERS.

- 14. TRACER WIRE INSTALLATION SHALL BE ACCORDING TO TS 7.40.
- 15. HYDROSTATIC PRESSURE TEST AND LEAKAGE TESTING OF THE WATERMAIN SHALL BE ACCORDING
- 16. THE NEW WATERMAIN SHALL BE ISOLATED ACCORDING TO T-1104.03-4 UNTIL BACTERIOLOGICAL
- TESTS ARE SATISFACTORILY COMPLETED.

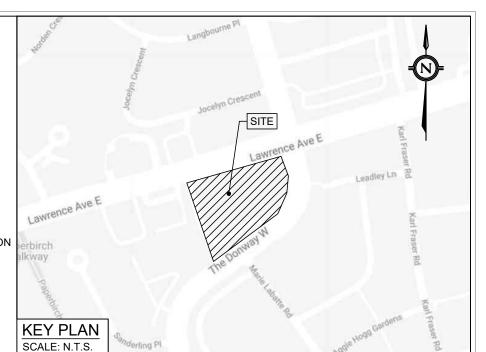
17. PROVISIONS FOR FLUSHING THE WATER MAIN PRIOR TO TESTING AND SO FORTH MUST BE PROVIDED

- WITH AT LEAST A 50 mm OUTLET ON 100 mm AND LARGER LINES ACCORDING TO T-1104.03-1. COPPER WATER SERVICES SHALL HAVE FLUSHING POINTS AT THE END, THE SAME SIZE AS THE LINE. ON FIRE LINES, FLUSHING OUTLET TO BE 50 mm DIAMETER MINIMUM OR A HYDRANT.
- 18. DISINFECTION OF THE WATERMAIN SHALL BE ACCORDING TO TS 7.30 AND SHALL INCLUDE ALL NEW WATER SERVICES 100 mm DIA AND LARGER.
- 19. TORONTO WATER REQUIRES THAT THE NEW DISTRIBUTION SYSTEM REMAIN ISOLATED UNTIL SATISFACTORY BACTERIOLOGICAL SAMPLE RESULTS ARE RECEIVED. ECS CONTRACT ADMINISTRATOR SHALL NOTIFY TORONTO WATER WHEN SAMPLE RESULTS HAVE PASSED IN ORDER TO PROCEED WITH REMOVAL OF THE BLOW-OFF AND BACK FILLING OF THE ACCESS PIT.
- CONNECTIONS TO THE EXISTING WATERMAIN(S) WITH A FILTER PIECE SHALL BE MADE ACCORDING
- 21. CITY IN-SERVICE WATER VALVES, CURB STOPS, FIRE HYDRANTS CAN ONLY BE OPERATED BY

20. AFTER SATISFACTORY DISINFECTION OF THE NEW WATERMAIN IS ACHIEVED, PERMANENT

- 22. ALL NEW WATERMAINS SHALL BE INSULATED WHERE THE COVER IS LESS THAN 1.65 m ACCORDING TO T-708.01-4.
- 23. THE OWNER IS REQUIRED TO INSTALL AND MAINTAIN A PREMISE ISOLATION DEVICE FOR ALL APPLICABLE WATER SERVICES IN ACCORDANCE WITH TORONTO MUNICIPAL CODE, CHAPTER 851 WATER SUPPLY, THE BUILDING CODE, AND CSA B64 SERIES STANDARDS.
- 24. THE LOCATION OF THE WATER METER SHALL BE TO TORONTO WATER'S SATISFACTION.

BE ADVISED THAT SHOULD ANY PARTY, INCLUDING THE APPLICANT OR ANY SUBSEQUENT OWNER, TO CONFIRM THE DESIGN OF THIS WATER TIGHT SYSTEM WHERE A SUBFLOOR DRAINAGE SYSTEM OR APPLY FOR MORE THAN ONE CONDOMINIUM CORPORATION ENCOMPASSING ANY OR ALL OF THIS DEVELOPMENT OR MAKE AN APPLICATION THAT RESULTS IN A LAND DIVISION, STAFF MAY REQUIRE LEGAL ASSURANCES, INCLUDING BUT NOT LIMITED TO EASEMENTS, WITH RESPECT TO THE APPROVED SERVICES. SUCH ASSURANCES WILL BE DETERMINED AT THE TIME OF APPLICATION FOR CONDOMINIUM APPROVAL.



LEGEND: SITE PROPERTY LINE LIMIT OF CONSTRUCTION ---- BUILDING ABOVE - - - - - - - - BUILDING AT GROUND LEVEL STORM SEWER AND MANHOLE

WATERMAIN

- - - SANITARY SEWER AND MANHOLE

EXISTING STORM SEWER AND MANHOLE - - - - - EXISTING SANITARY SEWER AND MANHOLE

CATCHBASIN / DOUBLE CATCHBASIN

BACKFLOW PREVENTOR

HYDRANT AND VALVE VALVE & BOX WATER METER

DETECTOR ASSEMBLY SIAMESE CONNECTION

SITE PLAN PREPARED BY: WZMH ARCHITECTS DATE: MAY 12, 2023 TOPOGRAPHIC & LEGAL

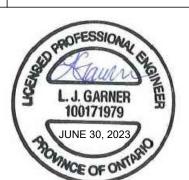
ELEVATION OF 143.162 METRES.

PREPARED BY: SCHAEFFER DZALDOV BENNETT LTD. DATE: JUNE 26, 2013 BENCHMARK NOTES LEVATIONS SHOWN HEREON ARE GEODETIC AND ARE REFERRED TO

CITY OF TORONTO BENCHMARK No. NY9046 HAVING A PUBLISHED

- This drawing is the exclusive property of R. J. Burnside & Associates Limited. The reproduction of any part without prior written consent of this office is strictly prohibited.
- The contractor shall verify all dimensions, levels, and datums on site and report any discrepancies
- or omissions to this office prior to construction.
- This drawing is to be read and understood in conjunction with all other plans and documents applicable to this project

No.	Issue / Revision	Date	Auth.
0	ISSUED FOR ZBA	7/15/2022	LG
1	RE-ISSUED FOR ZBA	2/7/2023	LG
2	RE-ISSUED FOR ZBA	4/5/2023	LG
3	2nd ZBA SUBMISSION	6/30/2023	LG





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FCHT HOLDINGS (ONTARIO) CORPORATION

85 HANNA AVENUE, SUITE 400 TORONTO, ONTARIO M6K 3S3

895 LAWRENCE AVENUE EAST NORTH YORK, ON M3C 3L2

SERVICING PLAN

Checked Designed LG Checked Date JM 20/12/23 300051428.0000

#### GENERAL NOTES

PROPOSED AD

TG = 146.02

-0239

- 1. ALL MUNICIPAL REMOVAL WORKS SHALL CONFORM TO THE LATEST CITY'S SPEC TS 510. ALL REMOVED FACILITIES SHALL BE PROPERLY DISPOSED OFF-SITE.
- 2. THE CONTRACTOR IS HELD RESPONSIBLE BY THE CITY FOR ANY DAMAGE CAUSED BY THE CONTRACTOR'S WORK TO UTILITIES, PROPERTIES, STRUCTURES, ETC. NEAR TO OR IN THE GENERAL AREA OF THE WORK BY THE CONTRACTOR OR THE SUBCONTRACTORS AS A RESULT OF INTENTIONAL OR NEGLIGENT ACTION, OMISSION, SETTLEMENT OF GROUND, VIBRATION, ETC. PERTAINING TO THE WORK PERFORMED UNDER THE CONTRACT.

PROPOSED 2.1m WIDE

CONCRETE MUNICIPAL

FFF=145.03 C

CRU 4

TG = 144.12

(1200Ø)

WALKING SURFACE AS PER

MATCH INTO

EXISTING CURB

-310.030-10. REFER TO

LANDSCAPE DRAWINGS

TOP=144.20

PROPOSED DEPRESSED

CURB AND TACTILE

CITY STANDARD

FOR DETAILS.

SIDEWALK AS PER CITY

- 3. THE CONTRACTOR IS RESPONSIBLE TO PROPERLY FIX, REPAIR AND REINSTATE, AT THEIR OWN EXPENSE, ALL OF SUCH DAMAGES.
- 4. DRAWINGS ARE TO BE READ IN CONJUNCTION WITH FUNCTIONAL SERVICING AND STORMWATER MANAGEMENT REPORT PREPARED BY R.J. BURNSIDE AND ASSOCIATES LTD.
- 5. ALL WORK TO CONFORM TO THE LATEST CITY OF TORONTO STANDARD DRAWINGS AND SPECIFICATIONS AS WELL AS THE LATEST ADOPTED ONTARIO PROVINCIAL STANDARD DRAWINGS AND SPECIFICATIONS.
- 6. ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE CURRENT "OCCUPATIONAL HEALTH AND SAFETY ACT". THE GENERAL CONTRACTOR SHALL BE DEEMED TO BE THE CONSTRUCTOR AS DEFINED IN THE ACT.
- 7. ALL TEMPORARY TRAFFIC CONTROL AND SIGNAGE DURING CONSTRUCTION SHALL BE IN ACCORDANCE WITH CURRENT ONTARIO TRAFFIC MANUAL BOOK 7 TEMPORARY CONDITIONS FIELD EDITION. 8. ALL TRENCHES WITHIN EXISTING RIGHT OF WAY SHALL BE BACKFILLED WITH UNSHRINKABLE FILL.

0.40m WIDE STRIP OF LAND ALONG

MATCH GRADES AT EXISTING

TOP OF CURB ELEVATION

THE LAWRENCE AVENUE EAST

FRONTAGE OF THE SITE TO BE

CONVEYED TO THE CITY

- 9. THE CONTRACTOR SHALL RECTIFY ALL DISTURBED AREAS TO THE ORIGINAL CONDITION OR BETTER AND TO THE SATISFACTION OF THE EXECUTIVE DIRECTOR OF TECHNICAL SERVICES.
- 10. PRIOR TO COMMENCING ANY WORK WITHIN THE MUNICIPAL RIGHT OF WAY, THE CONTRACTOR OR DEVELOPER OR CONSULTANT WILL OBTAIN ALL NECESSARY ROAD OCCUPANCY PERMITS FROM THE CITY'S RIGHT-OF-WAY MANAGEMENT SECTION. CONTACT 416-394-8422.
- 11. ALL DIMENSIONS AND ELEVATIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO ANY CONSTRUCTION AND HE SHALL REPORT ANY DISCREPANCIES IMMEDIATELY TO THE ENGINEER (DETAILS ARE NOT TO BE SCALED FROM THE DRAWINGS).
- 12. ALL CONSTRUCTION SIGNING MUST CONFORM TO THE M.T.O. MANUAL "UNIFORM TRAFFIC CONTROL DEVICES" LATEST EDITION.
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- 14. ALL SILT CONTROL DEVICES SHALL BE MAINTAINED IN GOOD CONDITION UNTIL ALL SODDING HAS BEEN COMPLETED FOR THE DEVELOPMENT. SILT FROM THE SITE SHALL BE DISPOSED OF AS PER THE DIRECTION OF THE ENGINEER

PROPOSED AD11

FFE=145.03

TG = 144.29

SITE ENTRANCE AS

RIM ELEVATION OF

EX. MH32 TO BE

RAISED TO 144.98

MATCH INTO

ELEVATIONS

EXISTING CURB

PER CITY STANDARD

### GENERAL CONFORMANCE NOTES:

THE CONTRACTOR/OWNER SHALL PROVIDE THE FOLLOWING DOCUMENTS FOR REVIEW A MINIMUM OF (14) DAYS PRIOR TO REQUIRING CIVIL ENGINEERING GENERAL CONFORMANCE. FOR FURTHER DETAILS AND REQUIREMENTS REFER TO DIVISION SPECIFICATIONS IF APPLICABLE.

- 1. COMPLETED AND PASSING WATERMAIN PRESSURE AND CHLORINATION TEST RESULTS IN ACCORDANCE WITH LOCAL MUNICIPAL STANDARDS;
- 2. CCTV VIDEOS OF ALL STORM AND SANITARY PIPES INCLUDING CATCHBASIN LEADS IN GOOD WORKING ORDER;

PROPOSED DEPRESSED CURB AND

TACTILE WALKING SURFACE AS PER

CITY STANDARD T-310.030-10. REFER

(1200-8)

ROP STM CONTROL MH1

LID AS PER OPSD 401.010

TYPE A

PROPOSED AD6

PROPOSED 2.1m WIDE

0.40m WIDE STRIP OF LAND

ALONG THE DONWAY WEST

FRONTAGE OF THE SITE TO

BE CONVEYED TO THE CITY

CONCRETE MUNICIPAL

SIDEWALK AS PER CITY

STANDARD T-310.010-2

TOP = 142.85

PROP STM VAULT

ACCESS HATCH AS PER

OPSD 401.010 TYPE B

CATCHBASIN TO

TO LANDSCAPE DRAWINGS FOR

EX! MH16

DETAILS.

SEPARATED FROM THE PROPOSED

EXPANSION JOINT AS PER CITY OF

SHELTER LOCATION

- TO BE RELOCATED

FFE=143.16

PROPOSED BUS

SHELTER LOCATION

SIDEWALK WITH A TYPICAL

FFE=143.82

PROPOSED AD1

TG = 142.79

PROPOSED JELLYFISH LID

FEATURE WA

NEW CONCRETE CURB

AND GUTTER AS PER

CITY STANDARD

**EXISTING ASPHAL** 

**ELEVATIONS** 

MATCH GRADES AT EXISTING

TG = 144.18

FFE=143.82

× 144.34 × 144.12

CRU 6

CATCHBASIN T

ELEVATIONS

CLEARANCE AROUND

NEW FIRE HYDRANT

FFE=144.40

TOP OF CURB ELEVATION

TORONTO STANDARD T-310-010.

- 3. AN ACCEPTANCE/CONFORMANCE/APPROVAL SUMMARY LETTER FROM THE GEOTECHNICAL ENGINEER OF RECORD STATING THAT THEY HAVE REVIEWED THE SITE DURING THE WORKS AND FIND THE FOLLOWING ITEMS TO MEET PROJECT GEOTECHNICAL REQUIREMENTS: PIPE BEDDING, COVER AND BACKFILL, GRANULAR, ASPHALT AND CONCRETE MATERIALS, ETC.;
- 4. STRUCTURAL AND GEOTECHNICAL ACCEPTANCE/CONFORMANCE/APPROVAL SUMMARY LETTER FOR ALL RETAINING WALLS AND STRUCTURAL COMPONENTS OF THE PROJECT (IF APPLICABLE);
- 5. A DETAILED AS BUILT SURVEY INCLUDING BUT IS NOT LIMITED TO: STORM & SANITARY STRUCTURE LOCATIONS/ELEVATIONS, PIPE INVERTS/LOCATION AND RIM ELEVATIONS, HYDRANT FLANGE ELEVATIONS, WATERMAIN VALVE LOCATIONS, WATERMAIN PIPE LOCATION/ELEVATIONS, HYDRO AND GAS LOCATIONS/ELEVATIONS, SURFACE ELEVATIONS THROUGHOUT THE SITE INCLUDING ALL HIGH AND LOW POINTS INDICATED ON THE GRADING PLAN, PARKING AREA AND DRIVE AISLE ELEVATIONS AT 5 METER INTERVALS. ACCESSIBLE RAMP LOCATIONS, TOP AND BOTTOM OF RETAINING WALL ELEVATIONS, CURB CUT LOCATIONS AND SWALE/DITCH LOCATION/ELEVATIONS, ETC.

## **GRADING NOTES**

- 1. ALL AREA GRADING AND RESULTING DRAINAGE PATTERNS SHALL NOT ADVERSELY AFFECT ADJACENT
- THE STORM DRAINAGE SHALL BE SELF CONTAINED WITHIN THE SUBJECT PROPERTY UNTIL IT CAN BE DISCHARGED, REUSED, INFILTRATED AND/OR EVAPOTRANSPIRED IN A MANNER ACCEPTABLE TO THE
- 3. MINIMUM GENERALLY ACCEPTED GRADIENT 2.0%, MAXIMUM GENERALLY ACCEPTABLE GRADIENT -
- 4. MAXIMUM ACCEPTABLE SLOPE 3 PARTS HORIZONTAL TO 1 PART VERTICAL
- NO ALTERATIONS TO EXISTING BOUNDARY ELEVATIONS OR ADJACENT LANDS SHALL BE UNDERTAKEN UNLESS WRITTEN AGREEMENT WITH THE ADJACENT PROPERTY OWNER IS OBTAINED AND SUBMITTED IN A FORMAT ACCEPTABLE TO THE CITY.
- 6. THE MINIMUM GRADIENT ON ANY DRIVEWAY SHALL BE 2.0%. THE MAXIMUM DRIVEWAY GRADIENT IS
- 7. RETAINING WALLS SHALL BE CONSTRUCTED ENTIRELY ON THE UPPER PROPERTY SO THAT TIE BACKS (IF
- 8. MAXIMUM PONDING DEPTH 0.3M.

REQUIRED) DO NOT CROSS PROPERTY BOUNDARIES.

- PROPOSED SPOT ELEVATIONS SHOWN ARE ON ASPHALT, LANDSCAPE OR CONCRETE AREAS. UNLESS OTHERWISE NOTED TOP OF CURB ELEVATIONS ARE 0.15M ABOVE ASPHALT ELEVATIONS EXCEPT AT CURB DEPRESSIONS AND WHEEL CHAIR RAMPS.
- 10. MINIMUM SWALE GRADIENT 2.0%
- 11. MINIMUM SWALE DEPTH- 150MM
- 12. ALL SWALES OR DITCHES HAVING A VELOCITY IN EXCESS OF 1.5 M/S SHALL BE DESIGNED TO INCORPORATE EROSION PROTECTION.
- 13. WHERE NEW ASPHALT MATCHES EXISTING ASPHALT, GRIND EXISTING ASPHALT A MINIMUM OF 300MM WIDE AND 40MM DEEP FOR KEYING. APPLY HOT RUBBER SEALING COMPOUND IN ACCORDANCE WITH OPSS 1212. ALL SURFACES TO BE TACK COATED WITH SS-1.
- 14. STEP JOINTS ARE TO BE USED WHERE PROPOSED ASPHALT MEETS EXISTING ASPHALT AS PER DETAIL ON THIS DRAWING. ALL JOINTS MUST BE SEALED AS PER DETAIL.
- 15. THE CONCRETE CURB, CONCRETE SIDEWALK AND ALL RESTORATION ALONG FRONTING ROADWAYS TO THE SITE WILL BE CONSTRUCTED AND CARRIED OUT IN ACCORDANCE WITH CITY OF TORONTO STANDARDS, INCLUDING BUT NOT LIMITED TO:
- T-350.01 URBAN ENTRANCES;
- T-310.050-8 DRIVEWAY THICKNESS;
- T-310.010-2 CONCRETE SIDEWALK WITH BOULEVARD;
- T-600.11-1 CONCRETE CURB (BORDERING DRIVEWAY ENTRANCE)
- T-600.05-1 CONCRETE CURB AND GUTTER.
- REFER TO DETAIL DRAWING D1 FOR STANDARD DETAILS
- 16. UNLESS INDICATED OTHERWISE, ALL WORK WITHIN THE CITY RIGHT-OF-WAY SHALL BE UNDERTAKEN IN ACCORDANCE WITH CITY OF TORONTO DESIGN STANDARDS AND SPECIFICATION AND THE UNDERTAKING. ONTARIO PROVINCIAL STANDARDS MAY, SUBJECT TO THE APPROVAL OF THE CITY OF TORONTO, BE USED WHERE NO STANDARD OR SPECIFICATION IS NOTED.
- . NO PORTION OF THE WORK SHALL BE CARRIED OUT WITHOUT FIRST HAVING OBTAINED APPROVED CONSTRUCTION DRAWINGS, APPROVED PROJECT SCHEDULE(S), APPROVED TRAFFIC STAGING PLANS AND PERMITS FOR SUCH PORTION OF THE INFRASTRUCTURE WORK IN ACCORDANCE WITH THE PROVISIONS HEREOF AND GIVING 10 WORKING DAYS PRIOR WRITTEN NOTICE TO THE EXECUTIVE DIRECTOR OF ENGINEERING AND CONSTRUCTION SERVICES THAT SUCH WORK IS TO BE CARRIED OUT WITH SUCH NOTICE TO SPECIFY THE ANTICIPATED DATE OF COMMENCEMENT OF THE WORK. A PRE-CONSTRUCTION COORDINATION MEETING WITH CITY STAFF IS TO BE HELD A MINIMUM OF 5 WORKING DAYS PRIOR TO THE COMMENCEMENT OF ANY OF THE WORK.
- 18. THE REMOVAL OF TREES REQUIRES THE APPROVAL OF PARKS, FORESTRY & RECREATION DIVISION (CONTACT SUPERVISOR URBAN FORESTRY).
- 19. ALL AREAS DISTURBED DURING CONSTRUCTION WITHIN THE CITY'S RIGHT-OF-WAY SHALL BE RESTORED
- TO ORIGINAL OR BETTER CONDITION. GRASSED AREAS SHALL BE PROVIDED WITH 100MM OF TOPSOIL AND SHALL BE SODDED AS PER T.S. 5.00 & T.S. 5.10.
- 20. ANY DAMAGE TO PROPERTY ADJACENT TO THE CONSTRUCTION SITE SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- 21. CONCRETE SIDEWALK TO BE COMPLETE WITH 150MM GRANULAR BASE AS OUTLINE IN CITY OF TORONTO SPECIFICATION T.S. 3.70 OR AS DIRECTED BY THE CITY INSPECTOR.
- 22. SUBGRADE SHALL BE GRADED AND COMPACTED TO 98 % STD. PROCTOR DENSITY FREE OF DEPRESSIONS.
- 23. MINIMUM HEAVY DUTY PAVEMENT STRUCTURE THICKNESSES TO BE AS PER CITY OF TORONTO

STANDARD T-216.02-6. REFER TO DRAWING G1 FOR HEAVY DUTY ASPHALT PAVEMENT AREAS.

- 24. ALL ASPHALT PAVEMENT AND CONCRETE SIDEWALK AND CURB TO BE SAW CUT PRIOR TO REMOVAL.
- 25. ALL DISTURBED ASPHALT PAVEMENT SHALL BE RESTORED WITH HOT LAID ASPHALT MATCHING THE EXISTING LAYERS AND DEPTHS USING HL8 FOR THE BASE AND HL3 FOR THE TOP LIFT. THE EXISTING ASPHALT SHALL BE SAW CUT AND REMOVED (FULL DEPTH) A MIN. DISTANCE OF 300mm FROM THE FACE OF THE TRENCH.
- 26. MUNICIPAL ROADWAY SUBDRAINS AS PER CITY STANDARD T-216.02-8.
- 27. A ROAD OCCUPANCY PERMIT MUST BE OBTAINED 48 HOURS PRIOR TO COMMENCING ANY WORKS WITHIN THE MUNICIPAL RIGHT OF WAY.

BE ADVISED THAT SHOULD ANY PARTY, INCLUDING THE APPLICANT OR ANY SUBSEQUENT OWNER, APPLY FOR MORE THAN ONE CONDOMINIUM CORPORATION ENCOMPASSING ANY OR ALL OF THIS DEVELOPMENT OR MAKE AN APPLICATION THAT RESULTS IN A LAND DIVISION, STAFF MAY REQUIRE LEGAL ASSURANCES, INCLUDING BUT NOT LIMITED TO EASEMENTS, WITH RESPECT TO THE APPROVED SERVICES. SUCH ASSURANCES WILL BE DETERMINED AT THE TIME OF APPLICATION FOR CONDOMINIUM APPROVAL

IT IS THE RESPONSIBILITY OF THE APPLICANT/CONSULTANT TO ENSURE COMPLIANCE WITH ALL

PROTECTION OR A SAFE OVERLAND FLOW ROUTE FOR THE PROPOSED DEVELOPMENT WITHOUT

CAUSING DAMAGE TO THE PROPOSED AND ADJACENT PUBLIC AND PRIVATE PROPERTIES.

APPLICABLE PROVINCIAL STANDARDS AND TO OBTAIN ALL PROVINCIAL APPROVALS, INCLUDING BUT NOT LIMITED TO ENVIRONMENTAL COMPLIANCE APPROVALS. **EXISTING DRAINAGE PATTERNS ON ADJACENT PROPERTIES SHALL NOT BE ALTERED AND** STORMWATER RUNOFF FROM THE SUBJECT DEVELOPMENT SHALL NOT BE DIRECTED TO DRAIN ONTO

ADJACENT PROPERTIES. THERE MAY BE RUNOFF FROM RAIN STORMS THAT EXCEEDS THE CAPACITY OF THE CITY'S STORM SERVICE CONNECTIONS. THEREFORE, THE OWNER SHALL BE RESPONSIBLE TO PROVIDE FLOOD



### SCALE: N.T.S. LEGEND:

SITE PROPERTY LINE LIMIT OF CONSTRUCTION ---- BUILDING ABOVE UNDERGROUND LIMIT

> EXISTING ELEVATIONS TO MATCH FINISHED GROUND ELEVATION × 48.21 TOP OF CURB ELEVATION × 48.29TC

EXISTING ELEVATIONS

TOP OF WALL ELEVATION × 48.29TW ×*48.965W* SWALE ELEVATION OVERLAND FLOW ROUTE PROPOSED SLOPES

CATCHBASIN / DOUBLE CATCHBASIN

AREA DRAIN TRENCH DRAIN

HYDRANT AND VALVE VALVE & BOX

SIAMESE CONNECTION

**- - 48.23 - -**PONDING AREA

SITE PLAN PREPARED BY: WZMH ARCHITECTS DATE: MAY 12, 2023 TOPOGRAPHIC & LEGAL

PREPARED BY: SCHAEFFER DZALDOV BENNETT LTD. DATE: JUNE 26, 2013 BENCHMARK NOTES

ELEVATION OF 143.162 METRES. 1. This drawing is the exclusive property of R. J. Burnside & Associates Limited. The reproduction of

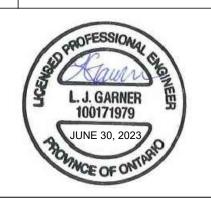
- any part without prior written consent of this office is strictly prohibited.
- 2. The contractor shall verify all dimensions, levels, and datums on site and report any discrepancies or omissions to this office prior to construction.

ELEVATIONS SHOWN HEREON ARE GEODETIC AND ARE REFERRED TO

CITY OF TORONTO BENCHMARK No. NY9046 HAVING A PUBLISHED

- This drawing is to be read and understood in conjunction with all other plans and documents applicable to this project.

No.	Issue / Revision	Date	Aut		
0	ISSUED FOR ZBA	7/15/2022	LG		
1	RE-ISSUED FOR ZBA	2/7/2023	LG		
2	RE-ISSUED FOR ZBA	4/5/2023	LG		
3	2nd ZBA SUBMISSION	6/30/2023	LG		





R.J. Burnside & Associates Limited 1465 Pickering Parkway Pickering, Ontario, L1V 7G7 Telephone: (905) 420-5777 Fax: (905) 420-5247 web www.rjburnside.com

FCHT HOLDINGS (ONTARIO) CORPORATION

85 HANNA AVENUE, SUITE 400 TORONTO, ONTARIO

895 LAWRENCE AVENUE EAST NORTH YORK. ON M3C 3L2

**GRADING PLAN** 

Checked Date LG 20/12/23 Checked Design 300051428.0000





ROP SAN CONTROL

MH3A - LID AS PER

TOP = 145.00

TOP = 145.05

TOP = 145.10

EXISTING SIDEWALK

AT 5:1 TRANSITION

MATCH INTO

MATCH INTO

ELEVATIONS

EXISTING CURB

OPSD 401.010 TYPE /

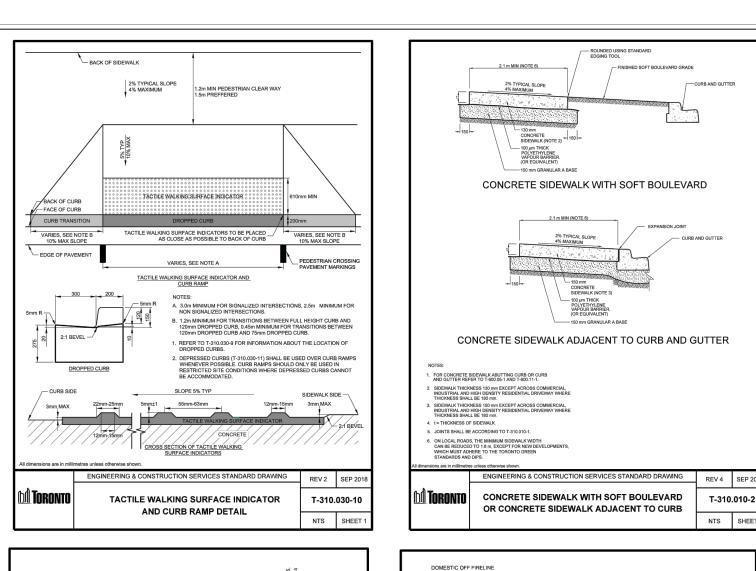
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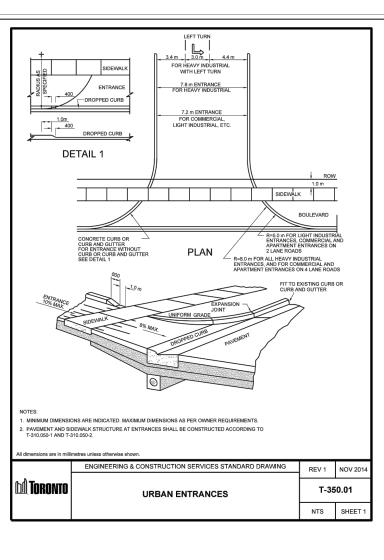
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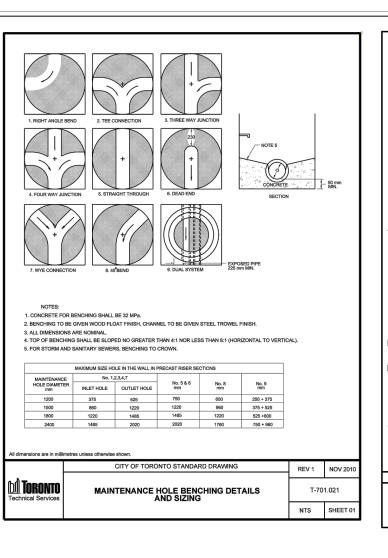
OPSD 401.010 TYPE /

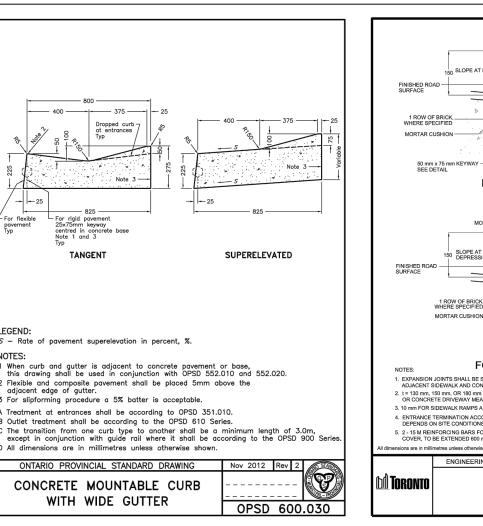
CATCHBASIN TO

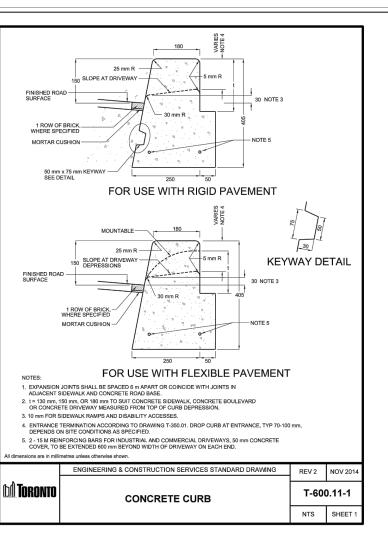
MH2A - LID AS PER OPSD 401.010 TYPE

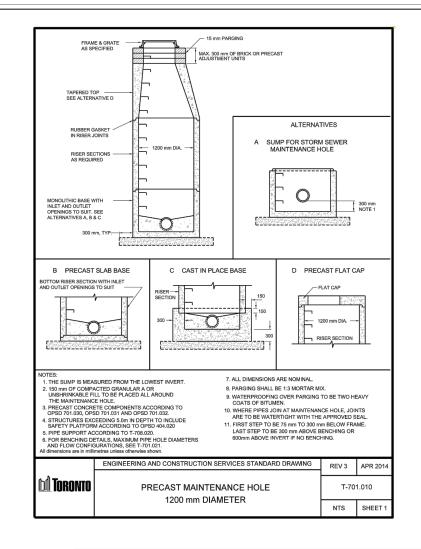


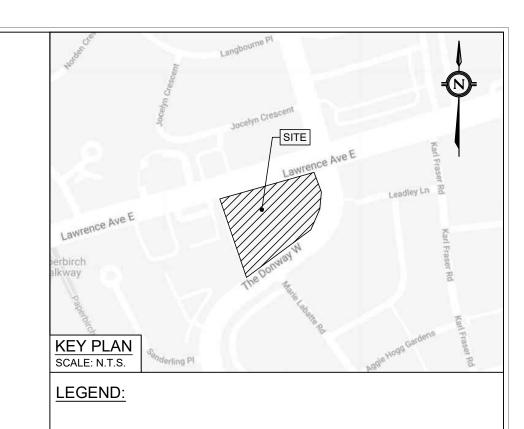


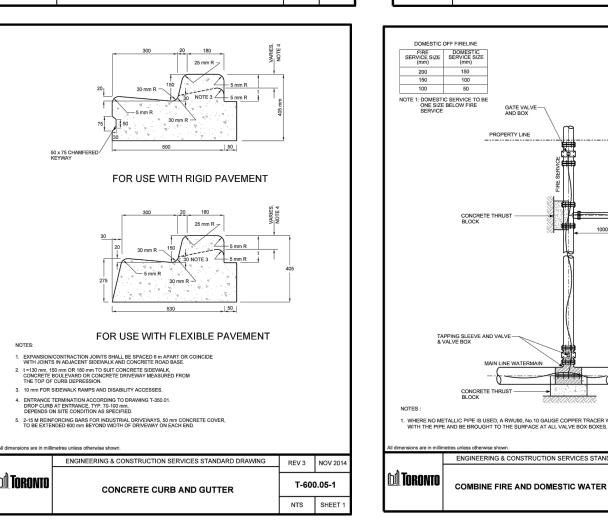


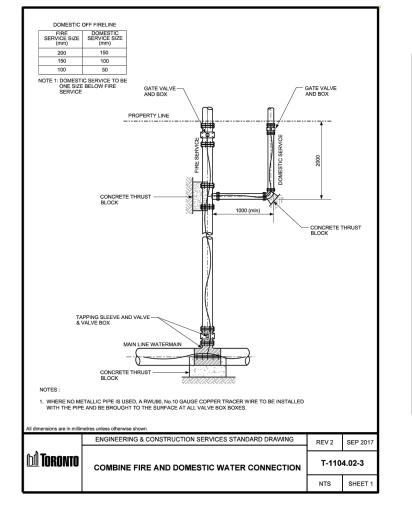


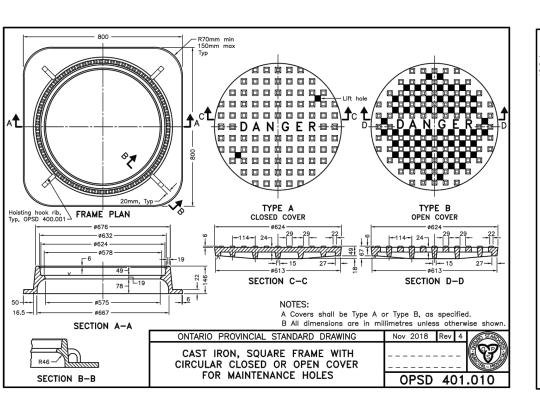


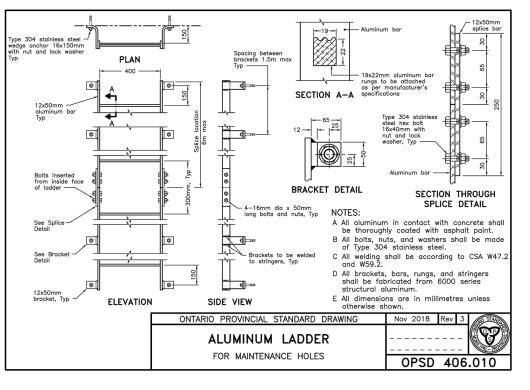


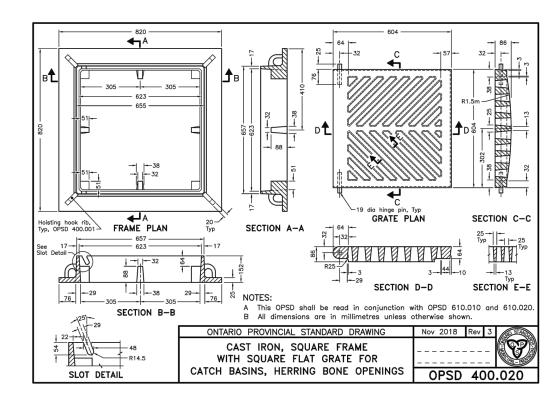


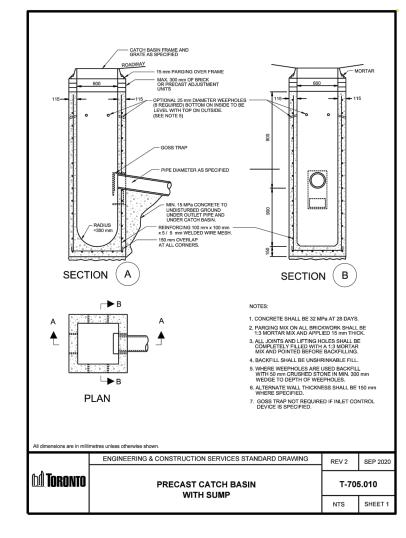


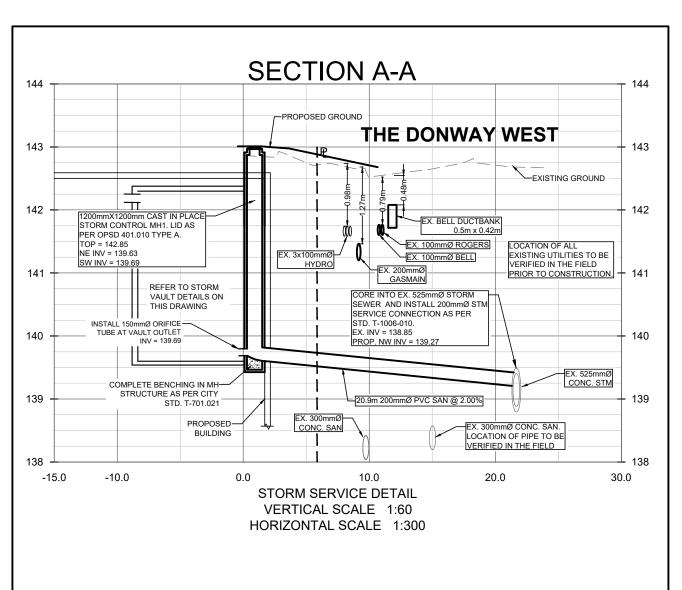


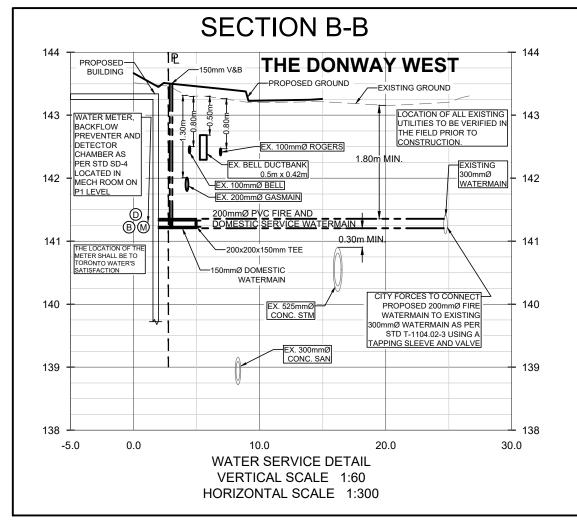


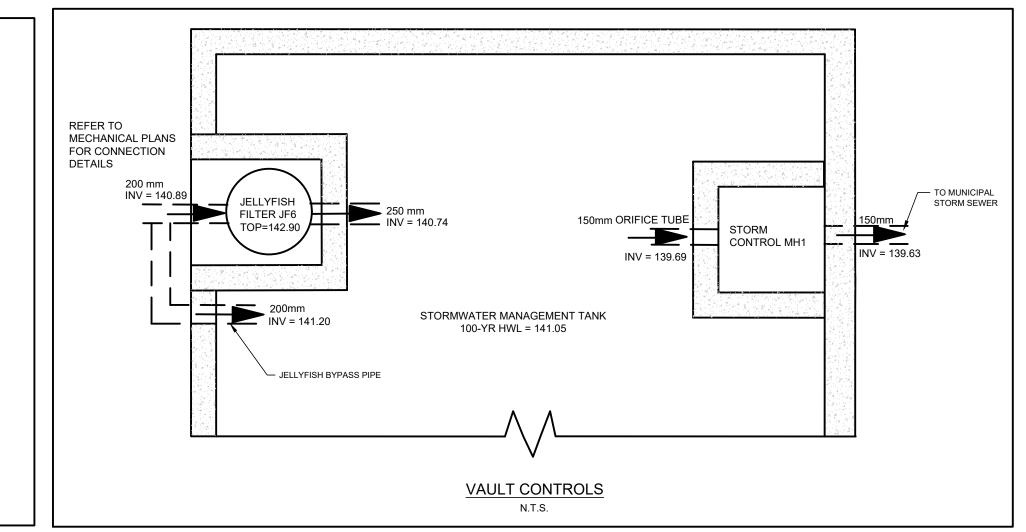


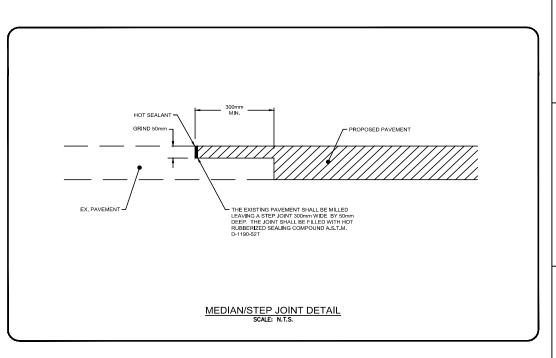


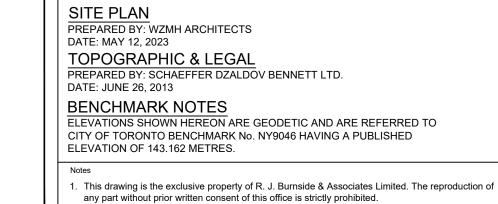








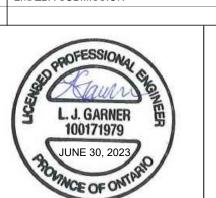


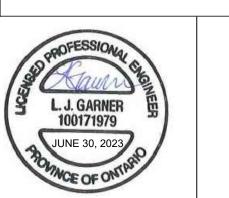


or omissions to this office prior to construction.

2. The contractor shall verify all dimensions, levels, and datums on site and report any discrepancies 3. This drawing is to be read and understood in conjunction with all other plans and documents

applicable to this project No. Issue / Revision Date ISSUED FOR ZBA 7/15/2022 RE-ISSUED FOR ZBA 2/7/2023 RE-ISSUED FOR ZBA 4/5/2023 2nd ZBA SUBMISSION 6/30/2023







R.J. Burnside & Associates Limited 1465 Pickering Parkway Pickering, Ontario, L1V 7G7 Telephone: (905) 420-5777 Fax: (905) 420-5247 web www.rjburnside.com

Greating thriving urban neighbourhoods

FCHT HOLDINGS (ONTARIO) CORPORATION 85 HANNA AVENUE, SUITE 400 FIRST CAPITAL

895 LAWRENCE AVENUE EAST NORTH YORK. ON M3C 3L2

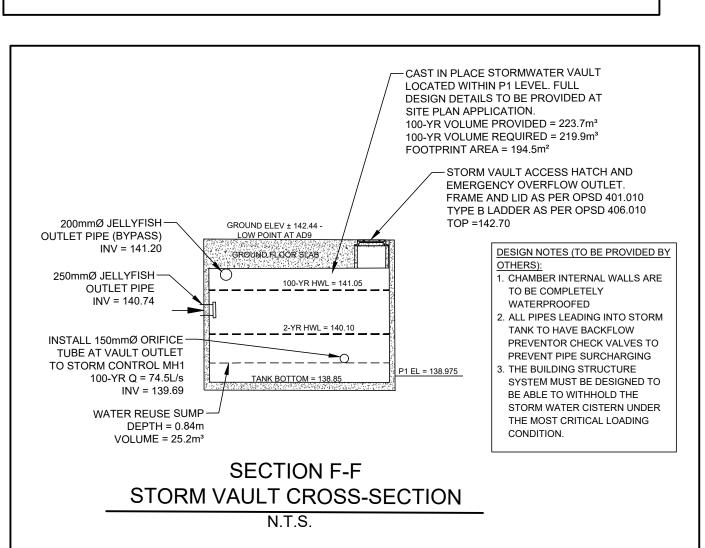
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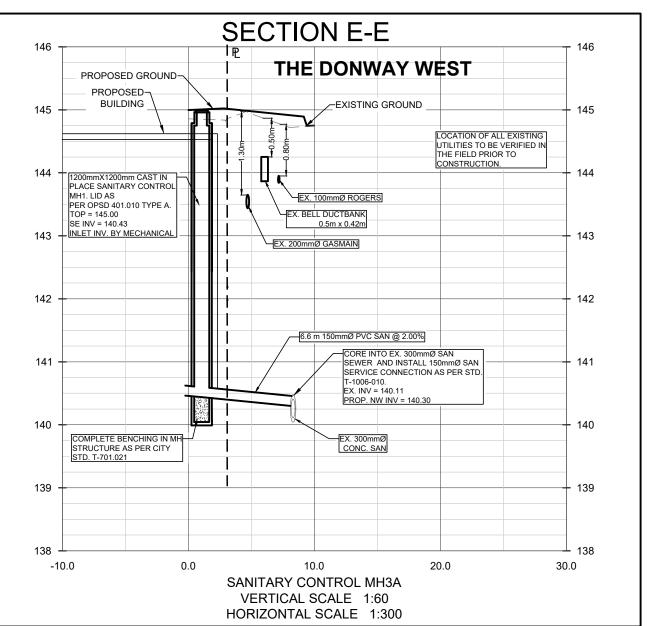
AS NOTED

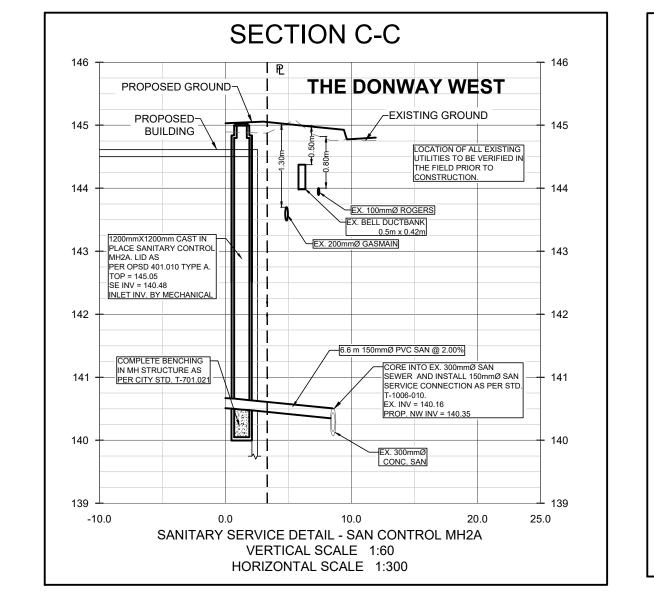
TORONTO, ONTARIO

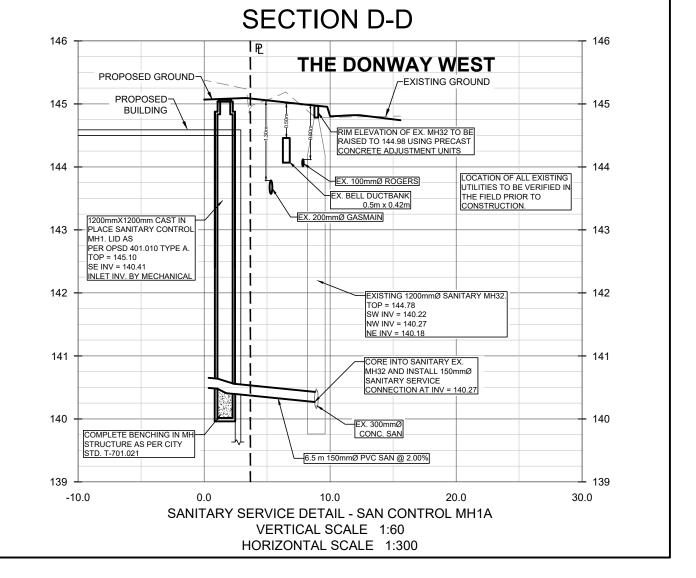
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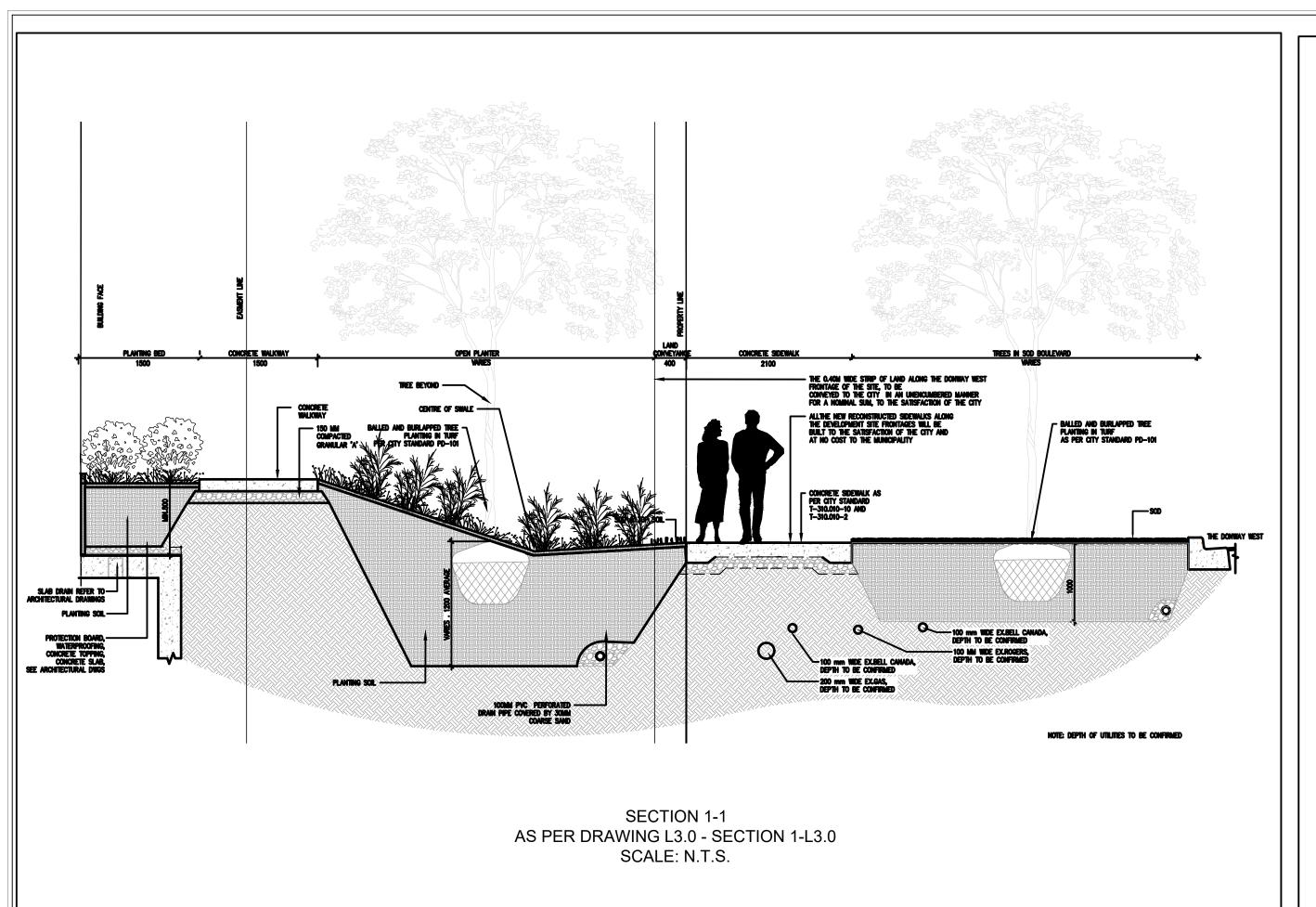
Checked Designed Checked Date JM 20/12/23 Drawing No. Contract No. Revision No. **D1** 300051428.0000

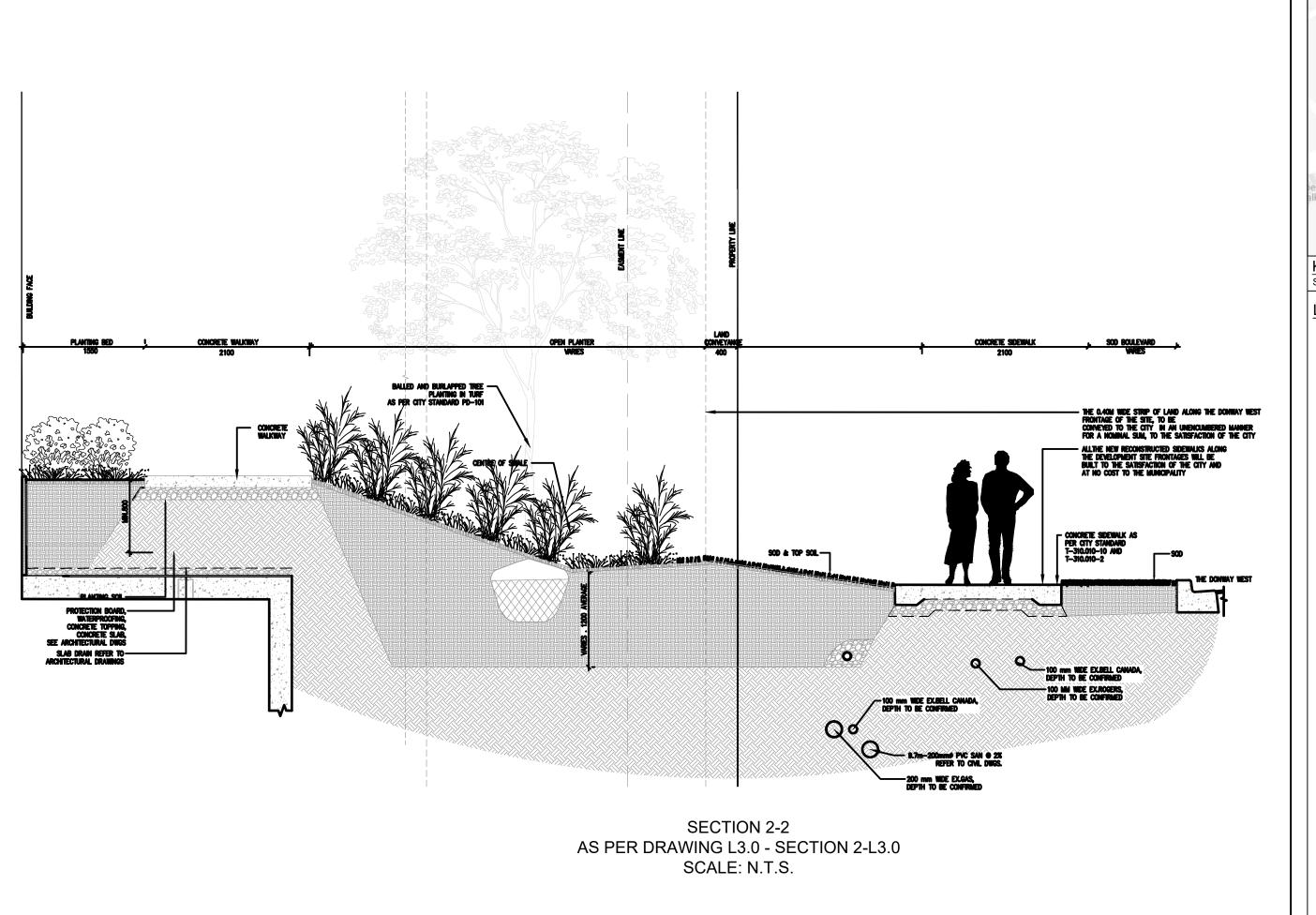


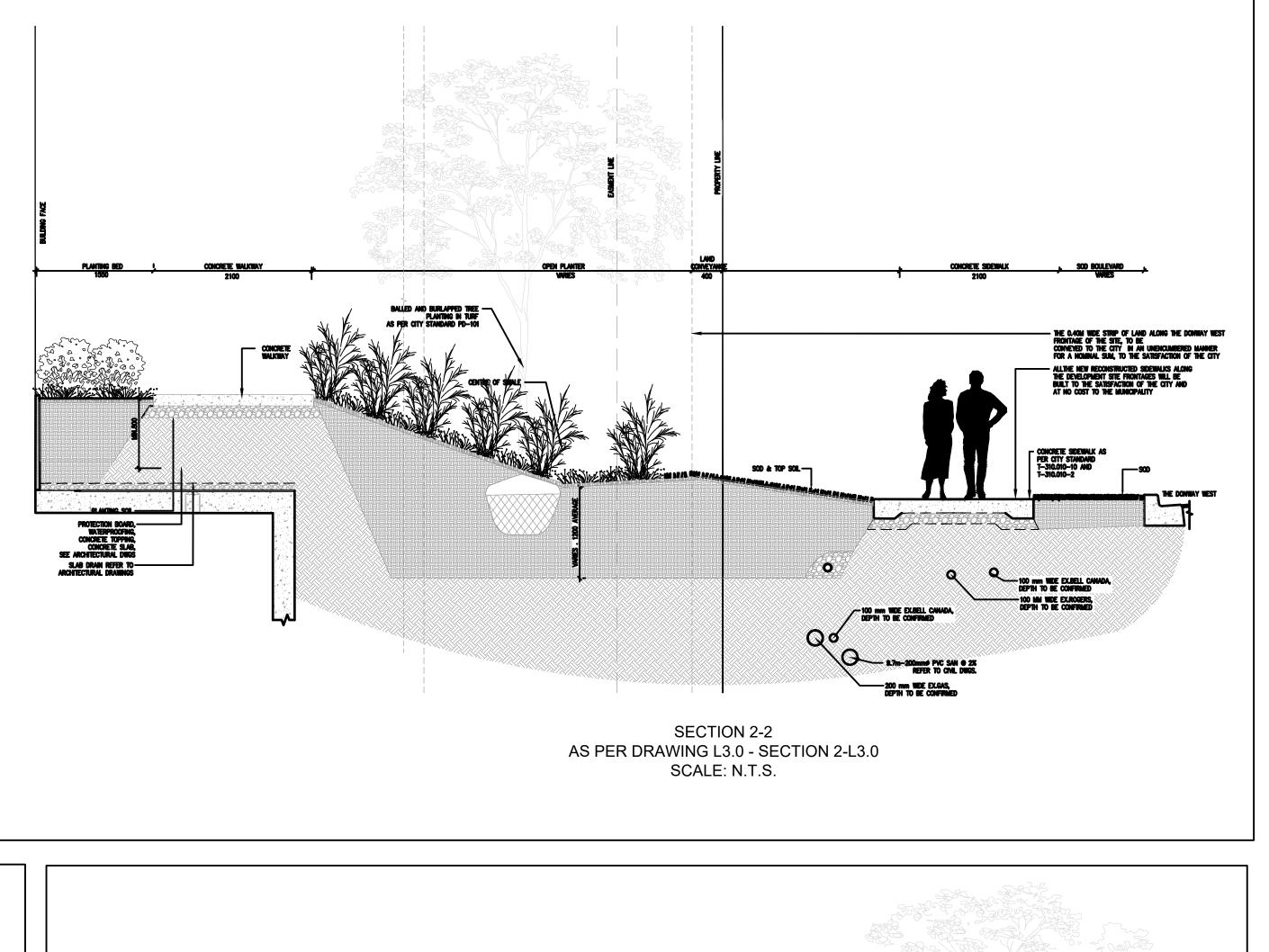


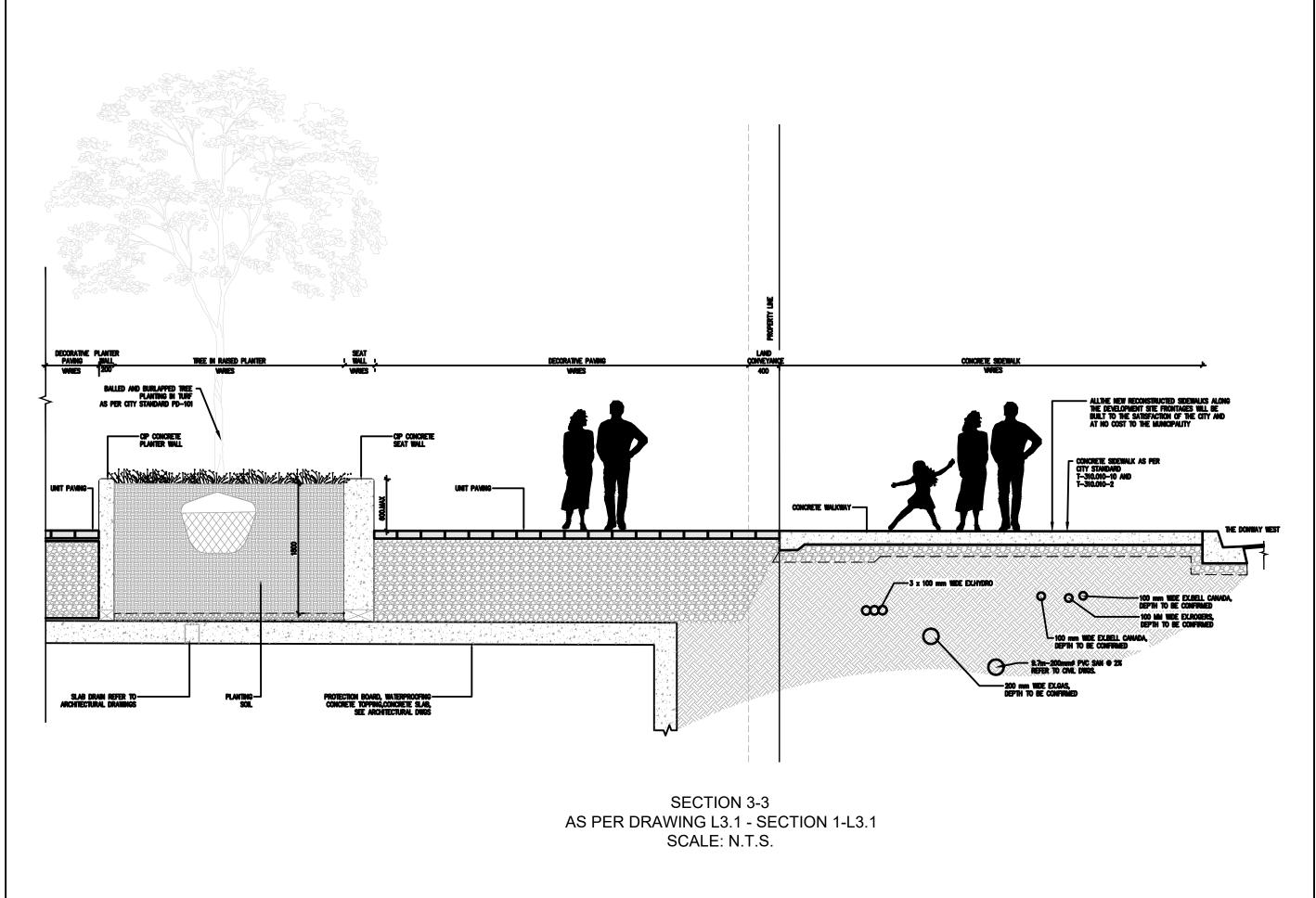


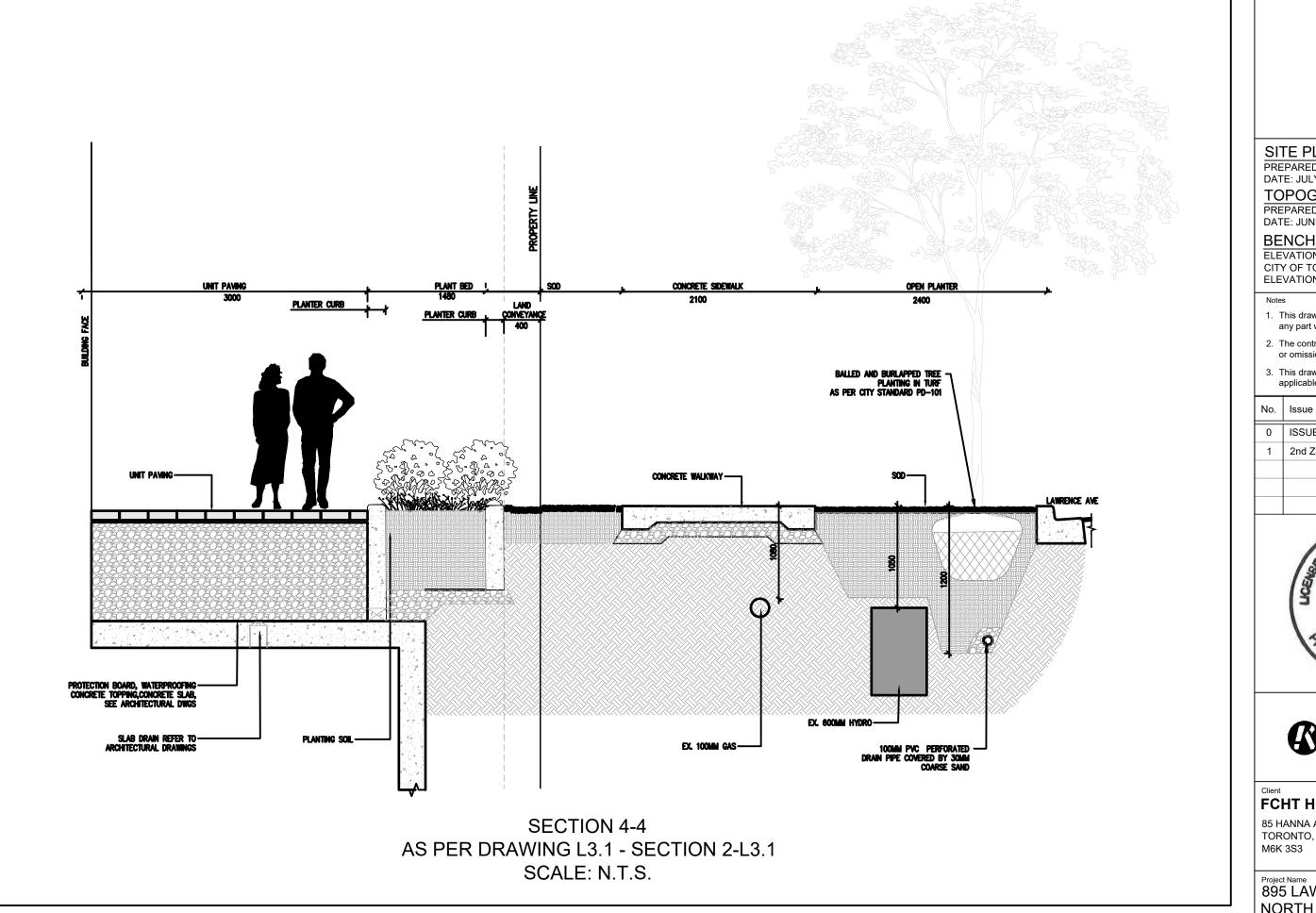






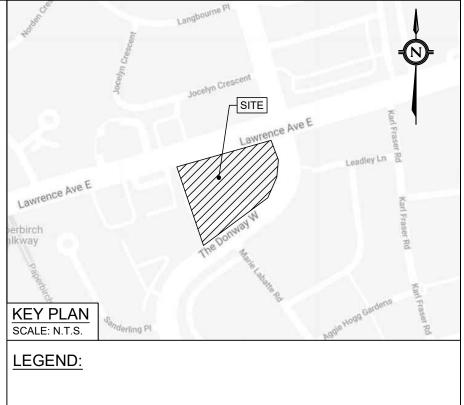






UTILITY INFORMATION PROVIDED ON THIS PLAN WHERE TREE PLANTING IS PROPOSED HAS BEEN PROVIDED AS PER QUALITY LEVEL 'A'.

SECTIONS AS PER DRAWINGS L3.0 AND L3.1. REFER TO THE LANDSCAPE DRAWINGS FOR ALL DETAILS RELATED TO TREE PLANTING AND SURFACE WORKS.



SITE PLAN
PREPARED BY: WZMH ARCHITECTS
DATE: JULY 6, 2022 TOPOGRAPHIC & LEGAL
PREPARED BY: SCHAEFFER DZALDOV BENNETT LTD.
DATE: JUNE 26, 2013 BENCHMARK NOTES

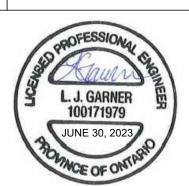
ELEVATIONS SHOWN HEREON ARE GEODETIC AND ARE REFERRED TO CITY OF TORONTO BENCHMARK No. NY9046 HAVING A PUBLISHED ELEVATION OF 143.162 METRES.

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2. The contractor shall verify all dimensions, levels, and datums on site and report any discrepancies or omissions to this office prior to construction.

3. This drawing is to be read and understood in conjunction with all other plans and documents applicable to this project.

No.	Issue / Revision	Date	Auth.
0	ISSUED FOR ZBA	4/5/2023	LG
1	2nd ZBA SUBMISSION	6/30/2023	LG





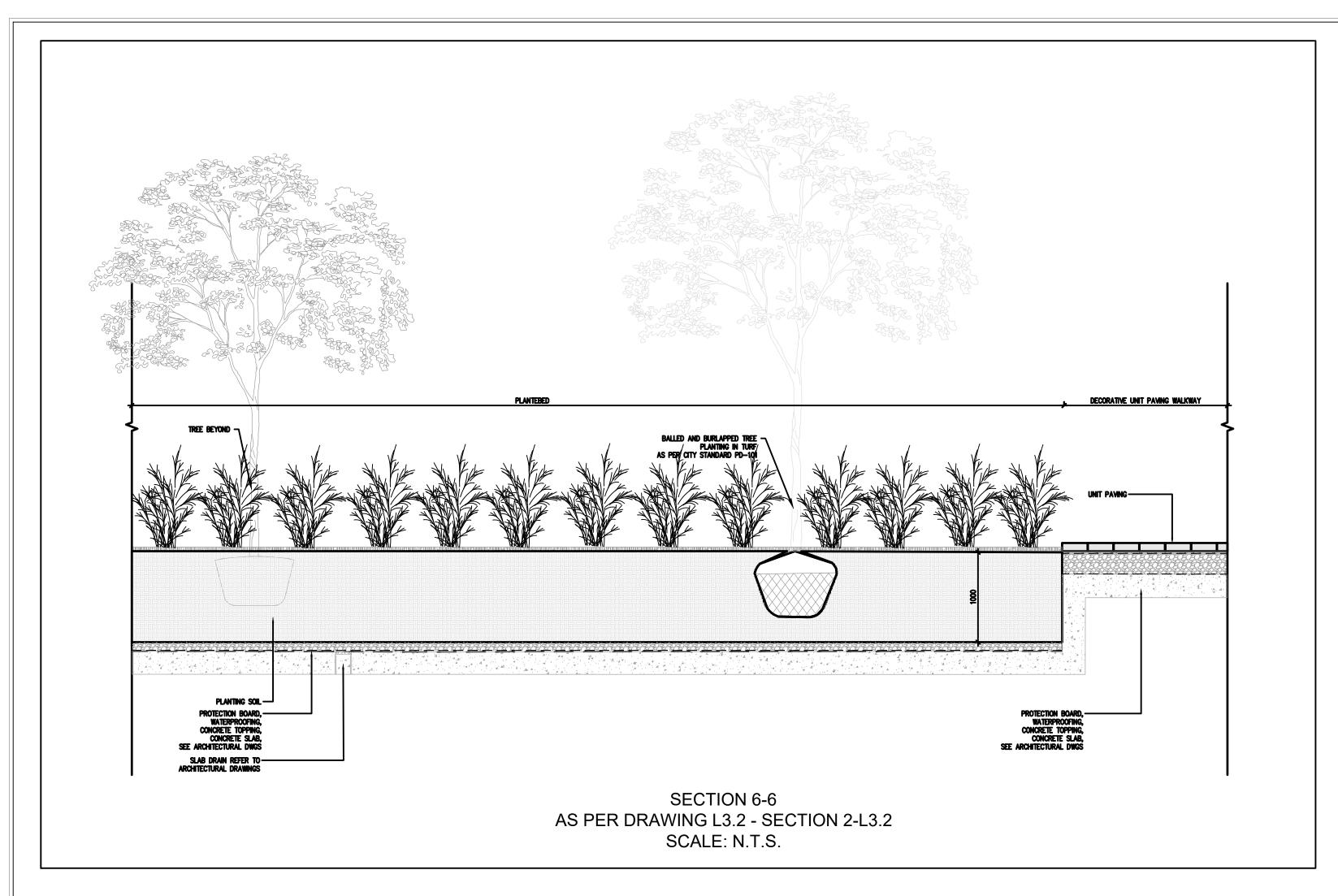
1465 Pickering Parkway Pickering, Ontario, L1V 7G7 Telephone: (905) 420-5777 Fax: (905) 420-5247 web www.rjburnside.com

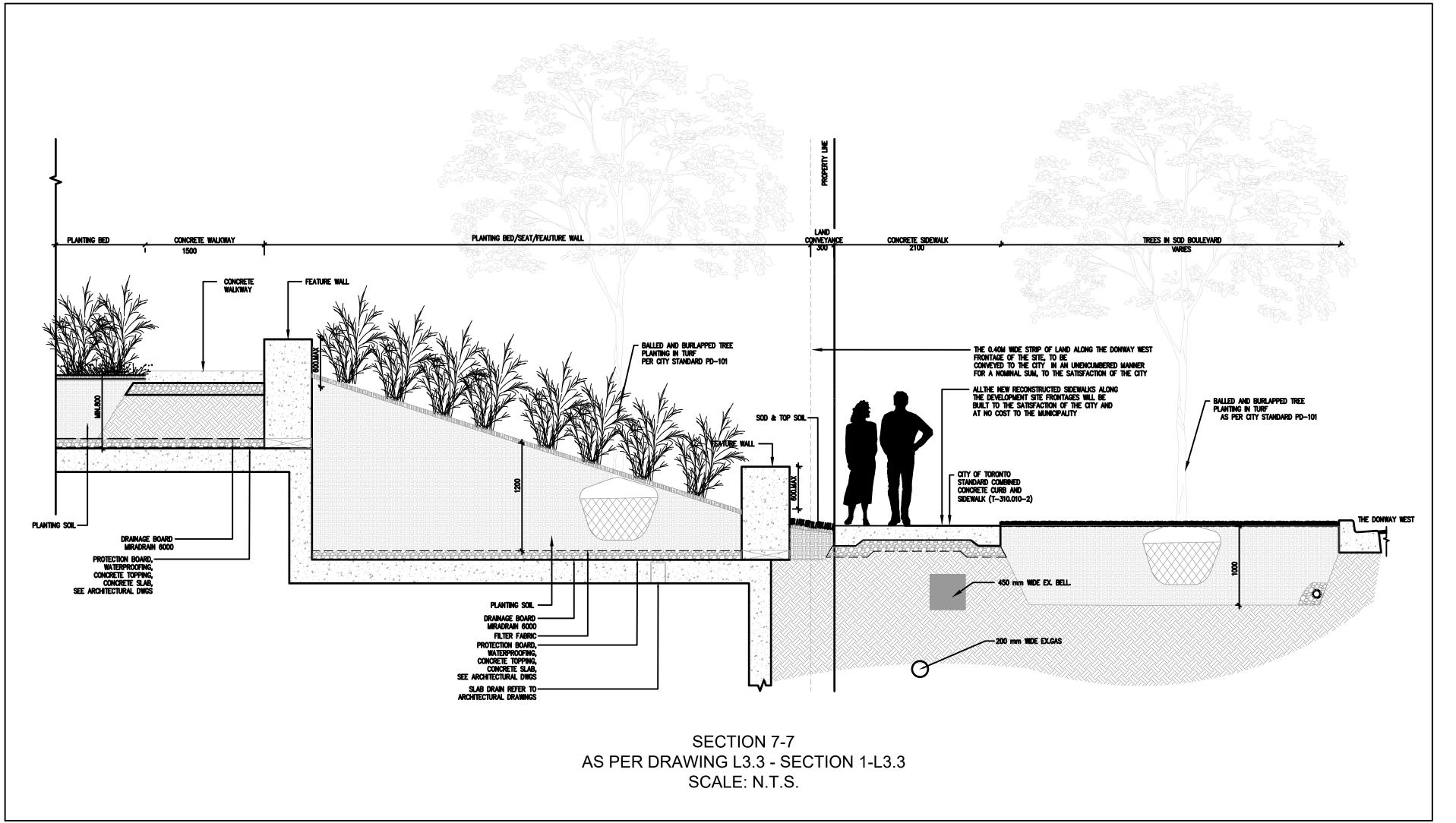
FCHT HOLDINGS (ONTARIO) CORPORATION

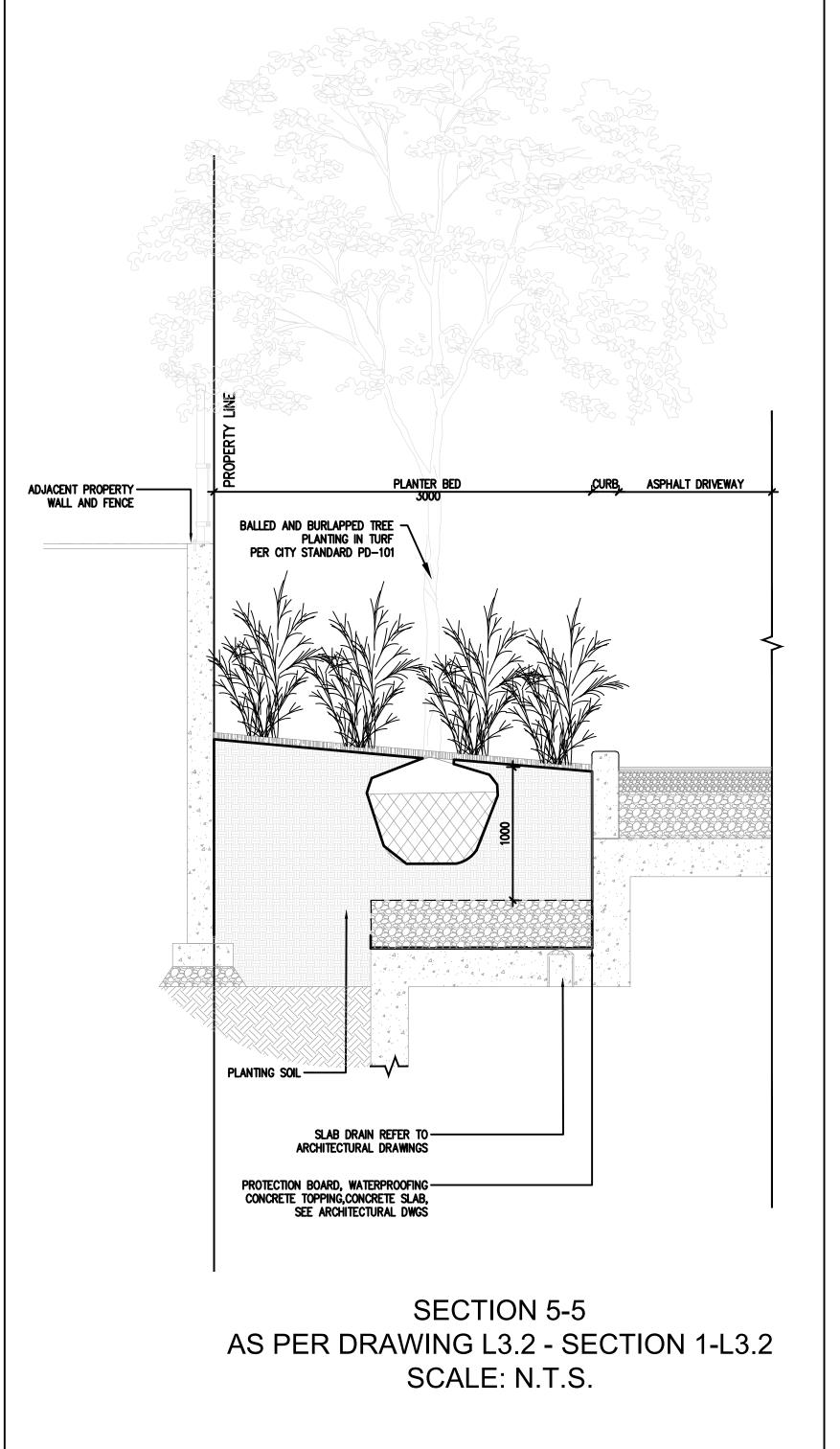
85 HANNA AVENUE, SUITE 400 TORONTO, ONTARIO

Project Name 895 LAWRENCE AVENUE EAST NORTH YORK, ON M3C 3L2

DETAILS Checked Designed LG JM Checked Date LG 23/03/16 Project No. 300051428.0000 Scale AS NOTED







UTILITY INFORMATION PROVIDED ON THIS PLAN WHERE TREE PLANTING IS PROPOSED HAS BEEN PROVIDED AS PER QUALITY LEVEL 'A'.

SECTIONS AS PER DRAWINGS L3.2 AND L3.3. REFER TO THE LANDSCAPE DRAWINGS FOR ALL DETAILS RELATED TO TREE PLANTING AND SURFACE WORKS.



LEGEND:

SITE PLAN
PREPARED BY: WZMH ARCHITECTS
DATE: JULY 6, 2022

TOPOGRAPHIC & LEGAL
PREPARED BY: SCHAEFFER DZALDOV BENNETT LTD.
DATE: JUNE 26, 2013

BENCHMARK NOTES

ELEVATIONS SHOWN HEREON ARE GEODETIC AND ARE REFERRED TO CITY OF TORONTO BENCHMARK No. NY9046 HAVING A PUBLISHED ELEVATION OF 143.162 METRES.

Notes

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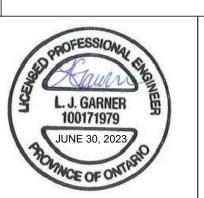
any part without prior written consent of this office is strictly prohibited.The contractor shall verify all dimensions, levels, and datums on site and report any discrepancies or emissions to this office prior to construction.

or omissions to this office prior to construction.This drawing is to be read and understood in conjunction with all other plans and documents applicable to this project.

 No.
 Issue / Revision
 Date
 Auth

 0
 ISSUED FOR ZBA
 4/5/2023
 LG

 1
 2nd ZBA SUBMISSION
 6/30/2023
 LG





R.J. Burnside & Associates L 1465 Pickering Parkway Pickering, Ontario, L1V 7G7 Telephone: (905) 420-5777 Fax: (905) 420-5247

web www.rjburnside.com

FCHT HOLDINGS (ONTARIO) CORPORATION

85 HANNA AVENUE, SUITE 400
TORONTO, ONTARIO

Project Name 895 LAWRENCE AVENUE EAST NORTH YORK, ON M3C 3L2

DETAILS

 Drawn JM
 Checked LG
 Designed Designed LG
 Checked 23/04/05
 Date 23/04/05

 Project No. 300051428.0000
 Contract No. Revision No.

 Scale

 AS NOTED

### **EROSION & SEDIMENT CONTROL NOTES:**

- 1. ALL NEW AND EXISTING CATCHBASINS AND CATCHBASIN MANHOLES ON-SITE OR IN ADJACENT STREETS SHALL HAVE THE UNDERSIDE OF THE GRATE COVERED WITH TERRAFIX 240R NON-WOVEN GEOTEXTILE DURING CONSTRUCTION AND SHALL BE MONITORED ON A WEEKLY BASIS DURING CONSTRUCTION AND REPLACED AS NEEDED. CONTRACTOR SHALL REGULARLY CLEAN SEDIMENT AND DEBRIS FROM THESE GEOTEXTILE PIECES. CONTRACTOR SHALL DISPOSE WITH THESE PIECES AT THE END OF CONSTRUCTION OR AS PURPOSED BY THE ENGINEER.
- CONTRACTOR SHALL MAINTAIN ADJACENT STREETS AND PROPERTIES FREE OF DUST, MUD, AND OTHER REFUSE THROUGHOUT DURATION OF CONSTRUCTION. ANY CLEANING OF ADJACENT AREAS DURING CONSTRUCTION SHALL BE PAID BY THE
- 3. ALL SEDIMENT AND EROSION CONTROL WORKS WILL BE INSPECTED AFTER EACH RAINFALL, AND REPAIRED / MAINTAINED TO THE SATISFACTION OF THE CITY ENGINEERS.
- HOARDING OR SNOW FENCING SHALL BE ERECTED AND MAINTAINED PRIOR TO ANY GRADING OR CONSTRUCTION AND SHALL REMAIN IN PLACE AND IN GOOD REPAIR THROUGHOUT THE CONSTRUCTION AND GRADING PHASE.
- 5. FILTER FABRIC SHALL BE PLACED UNDER ALL STREET CATCHBASINS GRATES. SILT TRAPS ARE TO BE CLEANED REGULARLY AND ARE NOT TO BE REMOVED UNTIL CURBS ARE CONSTRUCTED AND BOULEVARDS AND BACKYARDS ARE GRADED AND SODDED. FILTER FABRIC USED FOR SEDIMENT CONTROL SHALL BE TERRA FIX 240R AN APPROVED EQUIVALENT.
- 6. MUD TRACKING AND DUST MUST BE CONTROLLED ON ALL ROADWAYS TO THE SATISFACTION OF THE CITY.

## SEDIMENT CONTROL INSTRUCTIONS:

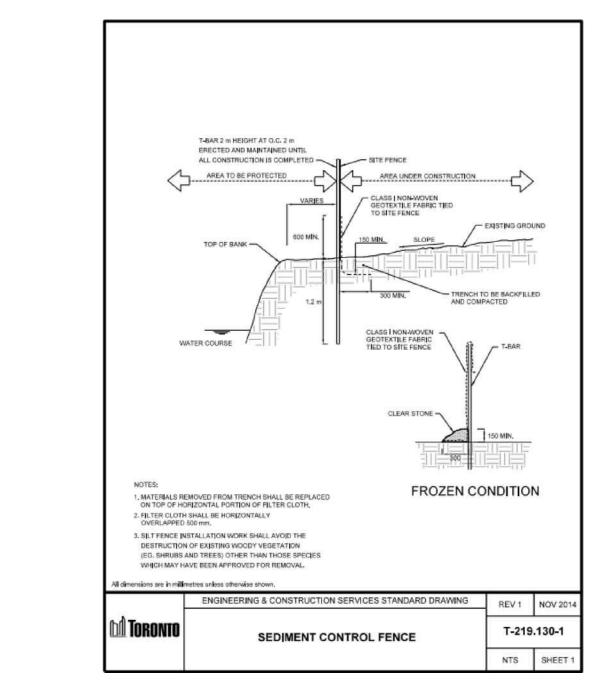
- 1. THE CONTRACTOR SHALL MAINTAIN A SUPPLY OF SEDIMENT FENCE, CLEAR STONE AND FILTER FABRIC ON SITE FOR EMERGENCY USE
- 2. SITE INSPECTOR SHALL VERIFY THAT THE SEDIMENTATION CONTROLS ARE INTACT ON WEEKLY BASIS AND AFTER ALL RAINFALL EVENTS. DEFICIENCIES SHALL BE REPORTED TO THE CONTRACTOR AND REPAIRED IMMEDIATELY.
- 3 MONTHLY INSPECTION REPORTS SHALL BE PREPARED BY THE INSPECTOR
- UPON IMPLEMENTATION OF EROSION SEDIMENT CONTROL THE CONTRACTOR IS TO CONFIRM WITH THE INSPECTOR THAT THE CONTROLS ARE OPERATING TO THEIR SATISFACTION. ADDITIONAL MEASURES MAY BE REQUIRED AT THE
- RECOMMENDATIONS OF THE ENGINEER AND/OR INSPECTOR.

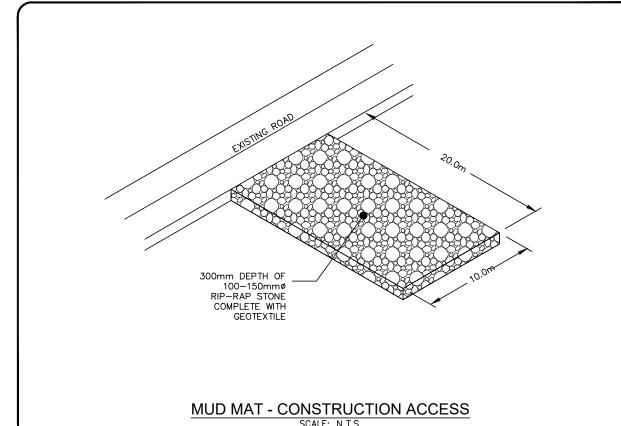
### GENERAL NOTES

- 1. ALL MUNICIPAL REMOVAL WORKS SHALL CONFORM TO THE LATEST CITY'S SPEC TS 510. ALL REMOVED FACILITIES SHALL BE PROPERLY DISPOSED OFF-SITE.
- 2. THE CONTRACTOR IS HELD RESPONSIBLE BY THE CITY FOR ANY DAMAGE CAUSED BY THE CONTRACTOR'S WORK TO UTILITIES, PROPERTIES, STRUCTURES, ETC. NEAR TO OR IN THE GENERAL AREA OF THE WORK BY THE CONTRACTOR OR THE SUBCONTRACTORS AS A RESULT OF INTENTIONAL OR NEGLIGENT ACTION, OMISSION, SETTLEMENT OF GROUND, VIBRATION, ETC. PERTAINING TO THE WORK PERFORMED UNDER THE CONTRACT.
- 3. THE CONTRACTOR IS RESPONSIBLE TO PROPERLY FIX, REPAIR AND REINSTATE, AT THEIR OWN EXPENSE, ALL OF SUCH DAMAGES.
- 4. DRAWINGS ARE TO BE READ IN CONJUNCTION WITH FUNCTIONAL SERVICING AND STORMWATER MANAGEMENT REPORT PREPARED BY R.J. BURNSIDE AND ASSOCIATES LTD.
- 5. ALL WORK TO CONFORM TO THE LATEST CITY OF TORONTO STANDARD DRAWINGS AND SPECIFICATIONS AS WELL AS THE LATEST ADOPTED ONTARIO PROVINCIAL STANDARD DRAWINGS AND SPECIFICATIONS.
- 6. ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE CURRENT "OCCUPATIONAL HEALTH AND SAFETY ACT". THE GENERAL CONTRACTOR SHALL BE DEEMED TO BE THE CONSTRUCTOR AS DEFINED IN THE ACT.
- 7. ALL TEMPORARY TRAFFIC CONTROL AND SIGNAGE DURING CONSTRUCTION SHALL BE IN ACCORDANCE WITH CURRENT ONTARIO TRAFFIC MANUAL BOOK 7 TEMPORARY CONDITIONS FIELD EDITION.
- 8. ALL TRENCHES WITHIN EXISTING RIGHT OF WAY SHALL BE BACKFILLED WITH UNSHRINKABLE FILL.

PART OF THE TEMPORARY CONSTRUCTION ACCESS PERMIT.

- 9. THE CONTRACTOR SHALL RECTIFY ALL DISTURBED AREAS TO THE ORIGINAL CONDITION OR BETTER AND TO THE SATISFACTION OF THE EXECUTIVE DIRECTOR OF TECHNICAL SERVICES.
- 10. PRIOR TO COMMENCING ANY WORK WITHIN THE MUNICIPAL RIGHT OF WAY, THE CONTRACTOR OR DEVELOPER OR CONSULTANT WILL OBTAIN ALL NECESSARY ROAD OCCUPANCY PERMITS FROM THE CITY'S RIGHT-OF-WAY MANAGEMENT
- 11. ALL DIMENSIONS AND ELEVATIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO ANY CONSTRUCTION AND HE SHALL REPORT ANY DISCREPANCIES IMMEDIATELY TO THE ENGINEER (DETAILS ARE NOT TO BE SCALED FROM THE DRAWINGS)
- 12. ALL CONSTRUCTION SIGNING MUST CONFORM TO THE M.T.O. MANUAL "UNIFORM TRAFFIC CONTROL DEVICES" LATEST EDITION.
- 13. REFERENCE TO STANDARD DRAWINGS SHALL MEAN THE STANDARD DRAWINGS OF THE CITY OF TORONTO UNLESS NOTED OTHERWISE AND THESE SHALL BE THE REVISION IN EFFECT AS OF THE DATE OF THE CITY'S APPROVAL OF THE CONSTRUCTION DRAWINGS
- 14. ALL SILT CONTROL DEVICES SHALL BE MAINTAINED IN GOOD CONDITION UNTIL ALL SODDING HAS BEEN COMPLETED FOR THE DEVELOPMENT. SILT FROM THE SITE SHALL BE DISPOSED OF AS PER THE DIRECTION OF THE ENGINEER.







## LEGEND:

LIMIT OF CONSTRUCTION

— · — — · — SITE PROPERTY LINE

MODULAR CONSTRUCTION FENCE

CONSTRUCTION ACCESS / MUD MAT

EXISTING OVERLAND FLOW ROUTE

CATCH BASIN SEDIMENT CONTROL DEVICE

144.06 EXISTING TOPOGRAPHIC ELEVATIONS

ISSUED FOR ZBA

RE-ISSUED FOR ZBA

RE-ISSUED FOR ZBA

2nd ZBA SUBMISSION

L. J. GARNER 100171979



SITE PLAN

DATE: MAY 12, 2023

DATE: JUNE 26, 2013

PREPARED BY: WZMH ARCHITECTS

TOPOGRAPHIC & LEGAL

BENCHMARK NOTES

ELEVATION OF 143.162 METRES.

applicable to this project.

No. Issue / Revision

or omissions to this office prior to construction.

PREPARED BY: SCHAEFFER DZALDOV BENNETT LTD.

ELEVATIONS SHOWN HEREON ARE GEODETIC AND ARE REFERRED TO CITY OF TORONTO BENCHMARK No. NY9046 HAVING A PUBLISHED

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2. The contractor shall verify all dimensions, levels, and datums on site and report any discrepancies

3. This drawing is to be read and understood in conjunction with all other plans and documents

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7/15/2022

2/7/2023

4/5/2023

6/30/2023

FCHT HOLDINGS (ONTARIO) CORPORATION

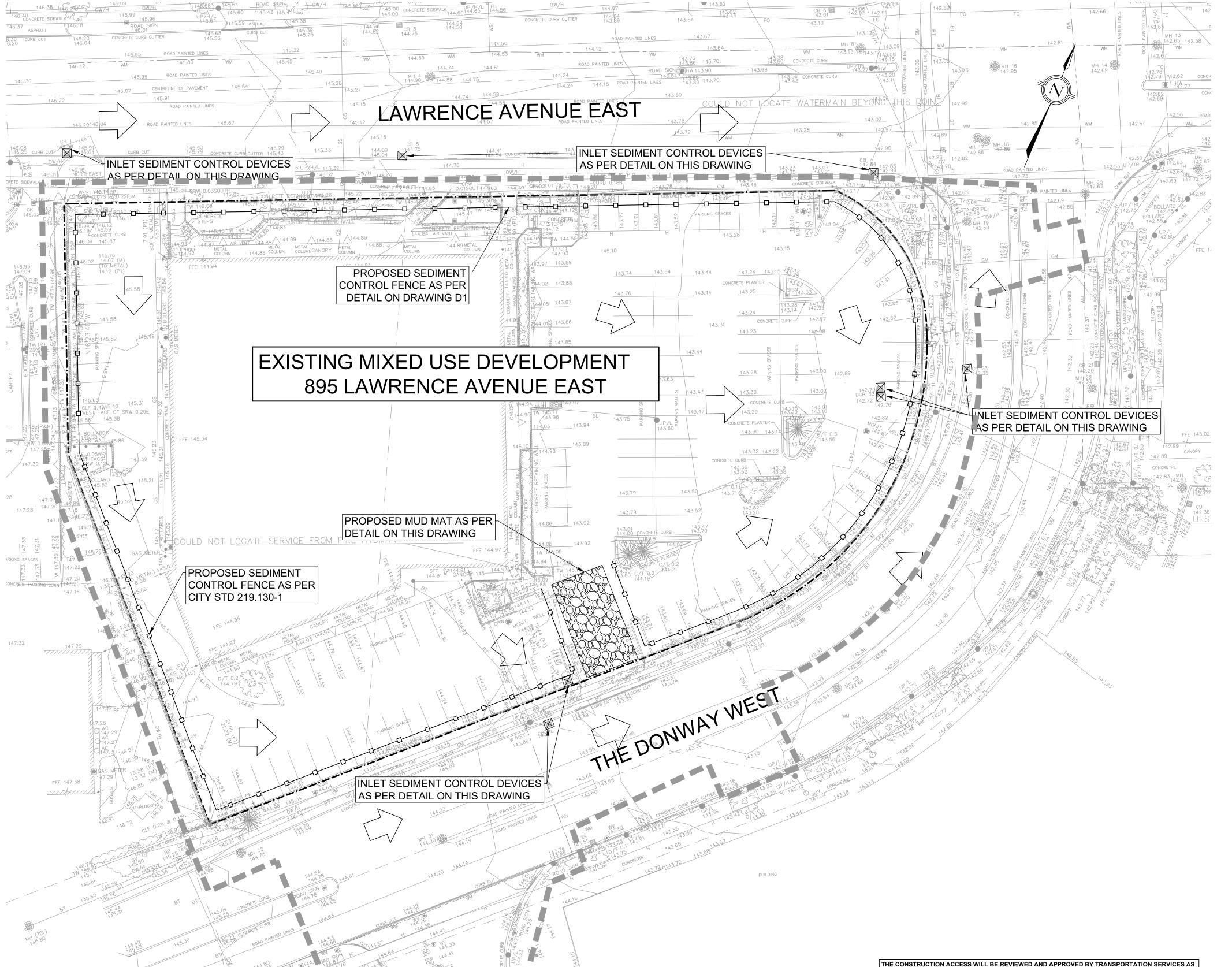
85 HANNA AVENUE, SUITE 400 TORONTO, ONTARIO M6K 3S3

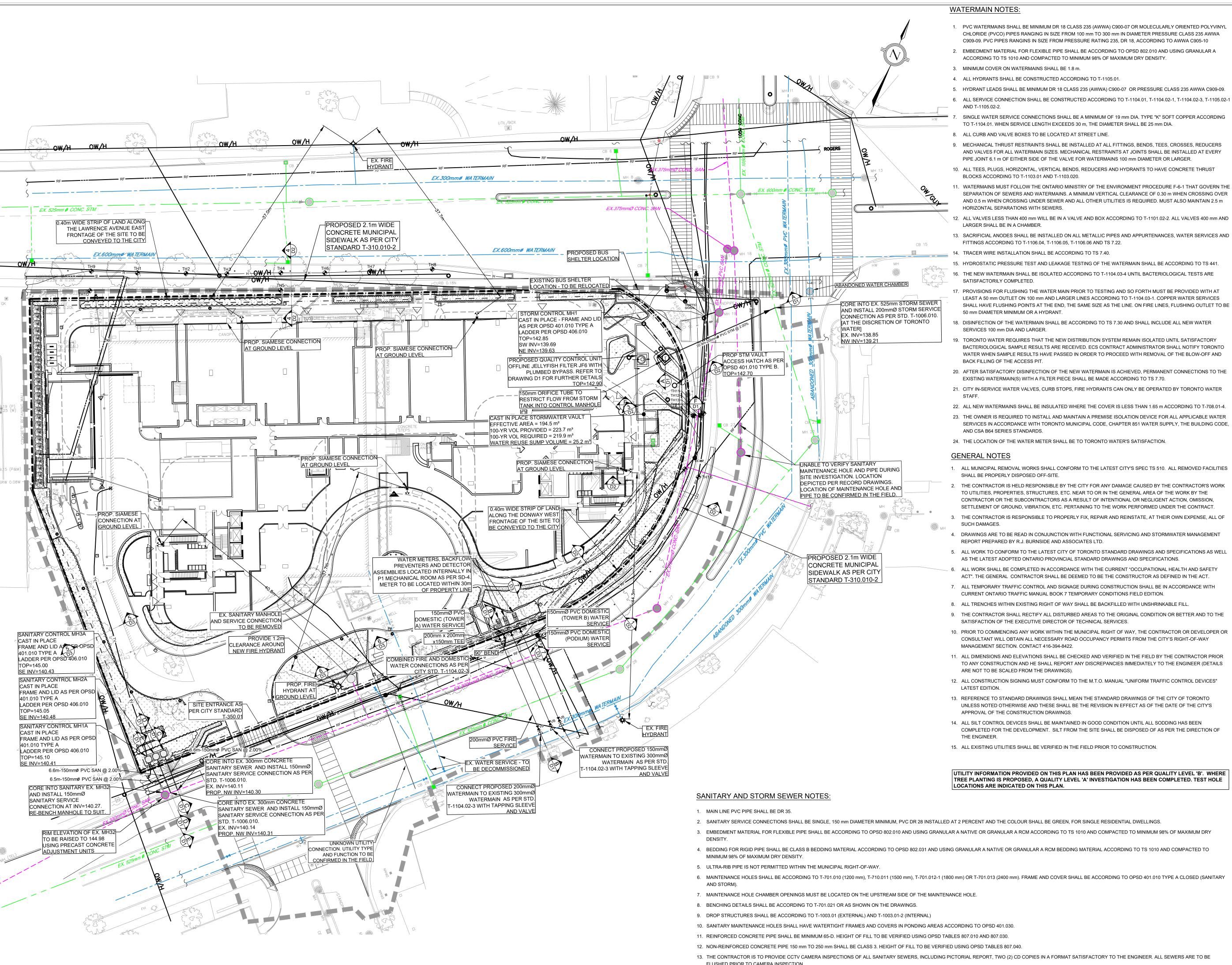
895 LAWRENCE AVENUE EAST NORTH YORK, ON M3C 3L2

EROSION SEDIMENT CONTROL PLAN

 Drawn
 Checked CL
 Designed LG
 Checked JM
 Date 20/12/23
 Drawing No.

 Project No. 300051428.0000
 Contract No.
 Revision No.
 ESC





#### KEY PLAN SCALE: N.T.S.

LEGEND:

SITE PROPERTY LINE LIMIT OF CONSTRUCTION ---- BUILDING ABOVE STORM SEWER AND MANHOLE --- SANITARY SEWER AND MANHOLE

- - - - EXISTING SANITARY SEWER AND MANHOLE

HYDRANT AND VALVE

BACKFLOW PREVENTOR

DETECTOR ASSEMBLY

ROGERS COAXIAL

GAS

TEST HOLE

ROGERS FIBER OPTIC

BELL TELECOMMUNICATIONS

CONTINUES OUT OF LIMITS

OVERHEAD WIRE/HYDRO

VALVE & BOX

WATER METER

EXISTING STORM SEWER AND MANHOLE

— – — EXISTING WATERMAIN **EXISTING WATER VALVE** CATCHBASIN / DOUBLE CATCHBASIN

-Ó- HYD

WATER WHEN SAMPLE RESULTS HAVE PASSED IN ORDER TO PROCEED WITH REMOVAL OF THE BLOW-OFF AND

20. AFTER SATISFACTORY DISINFECTION OF THE NEW WATERMAIN IS ACHIEVED, PERMANENT CONNECTIONS TO THE EXISTING WATERMAIN(S) WITH A FILTER PIECE SHALL BE MADE ACCORDING TO TS 7.70.

22. ALL NEW WATERMAINS SHALL BE INSULATED WHERE THE COVER IS LESS THAN 1.65 m ACCORDING TO T-708.01-4.

SERVICES IN ACCORDANCE WITH TORONTO MUNICIPAL CODE, CHAPTER 851 WATER SUPPLY, THE BUILDING CODE

1. ALL MUNICIPAL REMOVAL WORKS SHALL CONFORM TO THE LATEST CITY'S SPEC TS 510. ALL REMOVED FACILITIES

TO UTILITIES, PROPERTIES, STRUCTURES, ETC. NEAR TO OR IN THE GENERAL AREA OF THE WORK BY THE CONTRACTOR OR THE SUBCONTRACTORS AS A RESULT OF INTENTIONAL OR NEGLIGENT ACTION, OMISSION, SETTLEMENT OF GROUND, VIBRATION, ETC. PERTAINING TO THE WORK PERFORMED UNDER THE CONTRACT.

THE CONTRACTOR IS RESPONSIBLE TO PROPERLY FIX, REPAIR AND REINSTATE, AT THEIR OWN EXPENSE, ALL OF

AS THE LATEST ADOPTED ONTARIO PROVINCIAL STANDARD DRAWINGS AND SPECIFICATIONS.

6. ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE CURRENT "OCCUPATIONAL HEALTH AND SAFETY

7. ALL TEMPORARY TRAFFIC CONTROL AND SIGNAGE DURING CONSTRUCTION SHALL BE IN ACCORDANCE WITH

CURRENT ONTARIO TRAFFIC MANUAL BOOK 7 TEMPORARY CONDITIONS FIELD EDITION.

CONSULTANT WILL OBTAIN ALL NECESSARY ROAD OCCUPANCY PERMITS FROM THE CITY'S RIGHT-OF-WAY

11. ALL DIMENSIONS AND ELEVATIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO ANY CONSTRUCTION AND HE SHALL REPORT ANY DISCREPANCIES IMMEDIATELY TO THE ENGINEER (DETAILS

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14. ALL SILT CONTROL DEVICES SHALL BE MAINTAINED IN GOOD CONDITION UNTIL ALL SODDING HAS BEEN COMPLETED FOR THE DEVELOPMENT. SILT FROM THE SITE SHALL BE DISPOSED OF AS PER THE DIRECTION OF

TREE PLANTING IS PROPOSED, A QUALITY LEVEL 'A' INVESTIGATION HAS BEEN COMPLETED. TEST HOLE

6. MAINTENANCE HOLES SHALL BE ACCORDING TO T-701.010 (1200 mm), T-710.011 (1500 mm), T-701.012-1 (1800 mm) OR T-701.013 (2400 mm). FRAME AND COVER SHALL BE ACCORDING TO OPSD 401.010 TYPE A CLOSED (SANITARY

13. THE CONTRACTOR IS TO PROVIDE CCTV CAMERA INSPECTIONS OF ALL SANITARY SEWERS, INCLUDING PICTORIAL REPORT, TWO (2) CD COPIES IN A FORMAT SATISFACTORY TO THE ENGINEER. ALL SEWERS ARE TO BE FLUSHED PRIOR TO CAMERA INSPECTION.

SITE PLAN PREPARED BY: WZMH ARCHITECTS DATE: MAY 12, 2023 TOPOGRAPHIC & LEGAL PREPARED BY: SCHAEFFER DZALDOV BENNETT LTD. DATE: JUNE 26, 2013 BENCHMARK NOTES ELEVATIONS SHOWN HEREON ARE GEODETIC AND ARE REFERRED TO CITY OF TORONTO BENCHMARK No. NY9046 HAVING A PUBLISHED

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No. Issue / Revision ISSUED FOR ZBA 7/15/2022 RE-ISSUED FOR ZBA 2/7/2023 RE-ISSUED FOR ZBA 4/5/2023 2nd ZBA SUBMISSION 6/30/2023



ELEVATION OF 143.162 METRES.



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TORONTO, ONTARIO

895 LAWRENCE AVENUE EAST NORTH YORK, ON M3C 3L2

PUBLIC UTILITY PLAN

JM 20/12/23 300051428.0000

