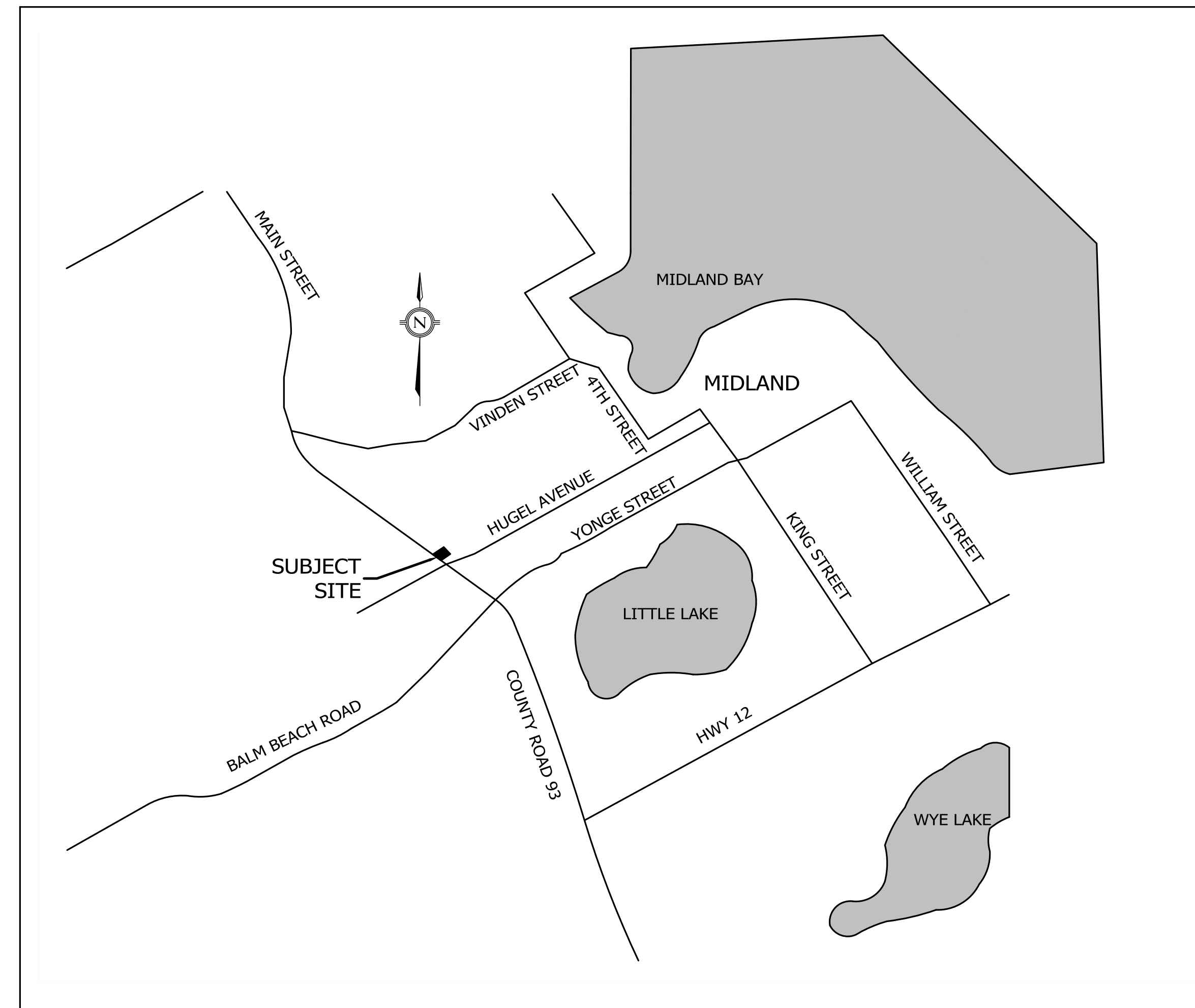


**1626725 ONTARIO LIMITED
COMMERCIAL DEVELOPMENT
STARBUCKS ADDITION
9281 COUNTY RD. 93, TOWN OF MIDLAND
COUNTY OF SIMCOE**



KEY MAP (N.T.S.)

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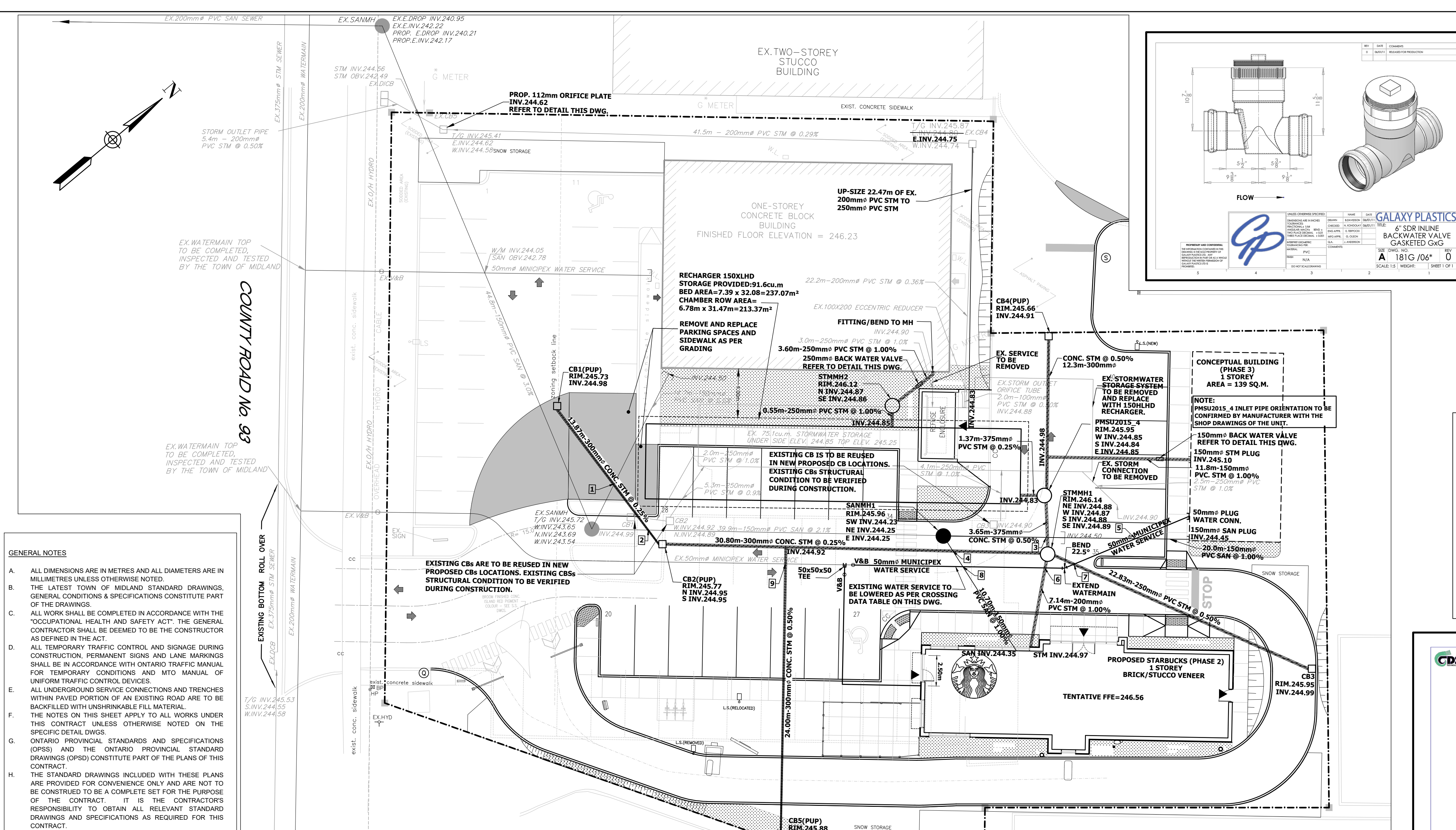


CONDELAND

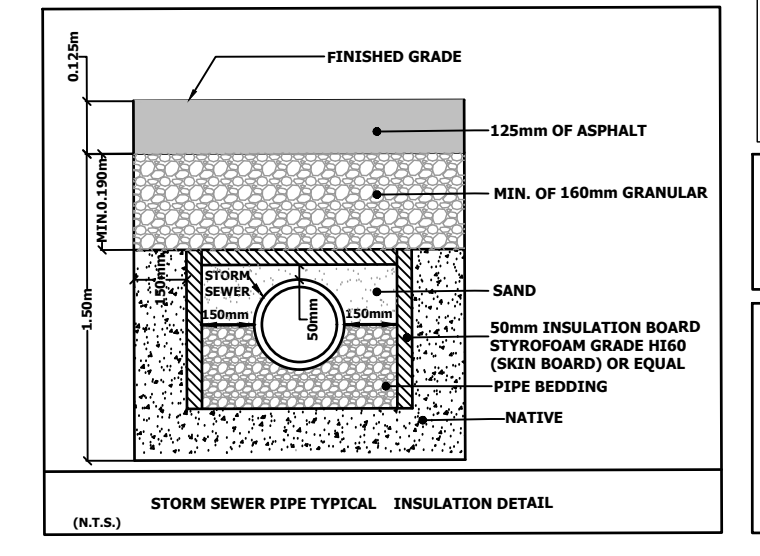
CONSULTING ENGINEERS & PROJECT MANAGERS

350 Creditstone Road, Unit 200
Concord, Ontario L4K 3Z2

P: (905) 695-2096
F: (905) 695-2099

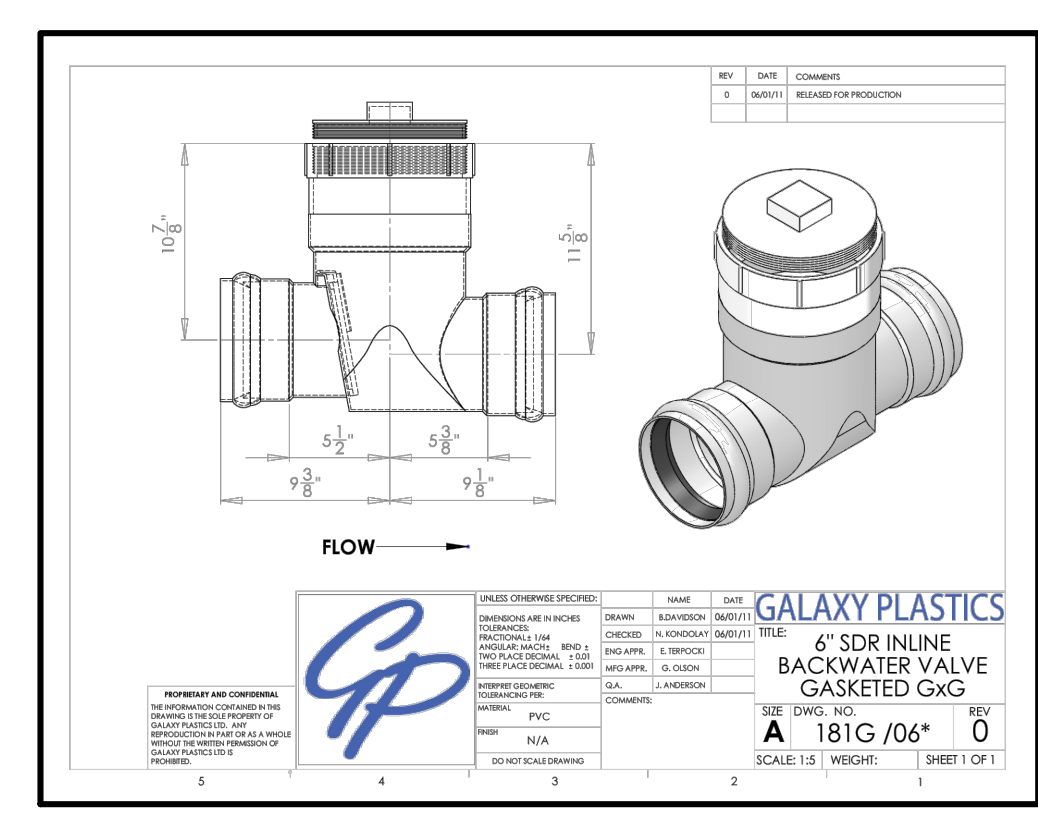
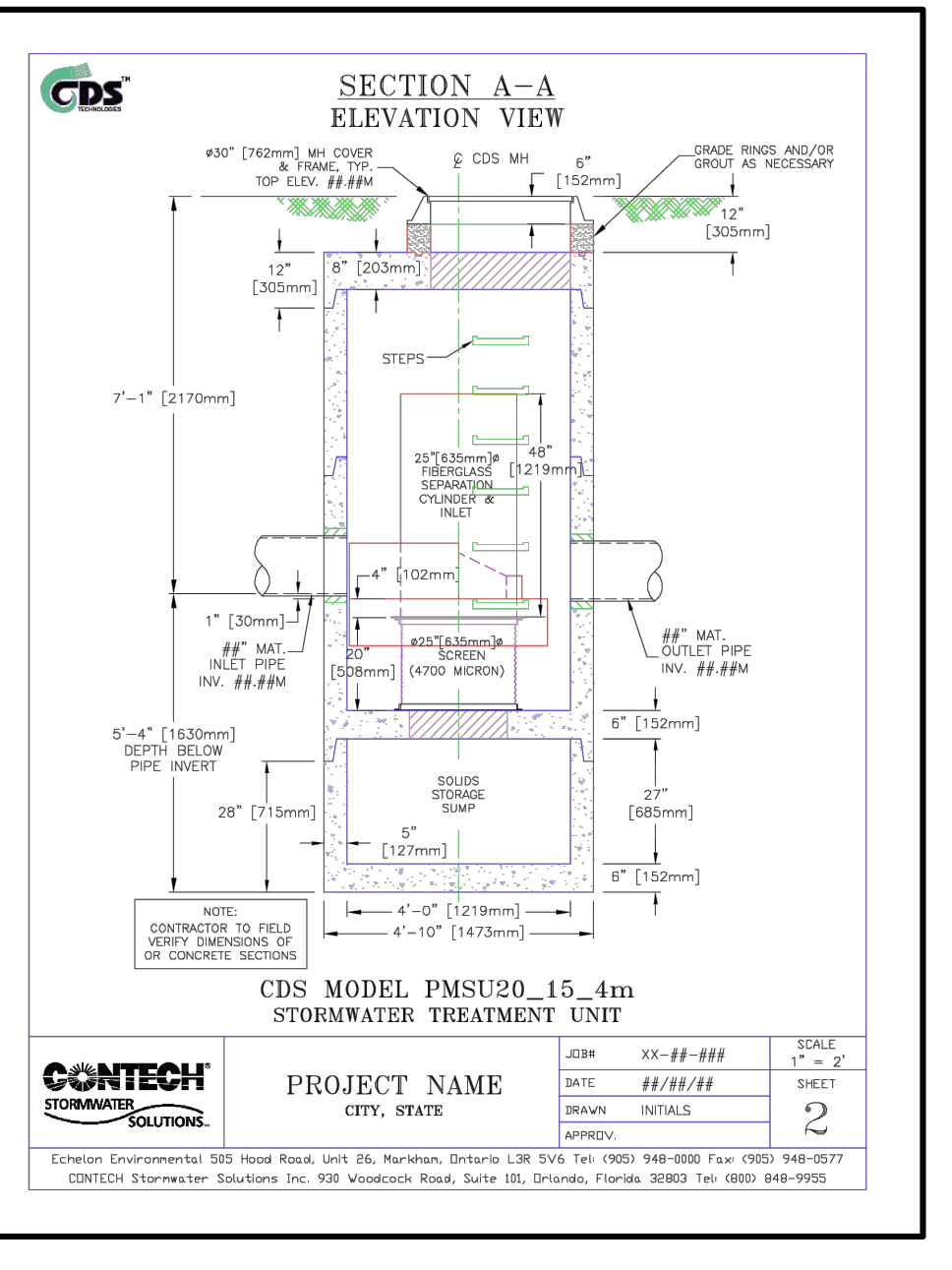
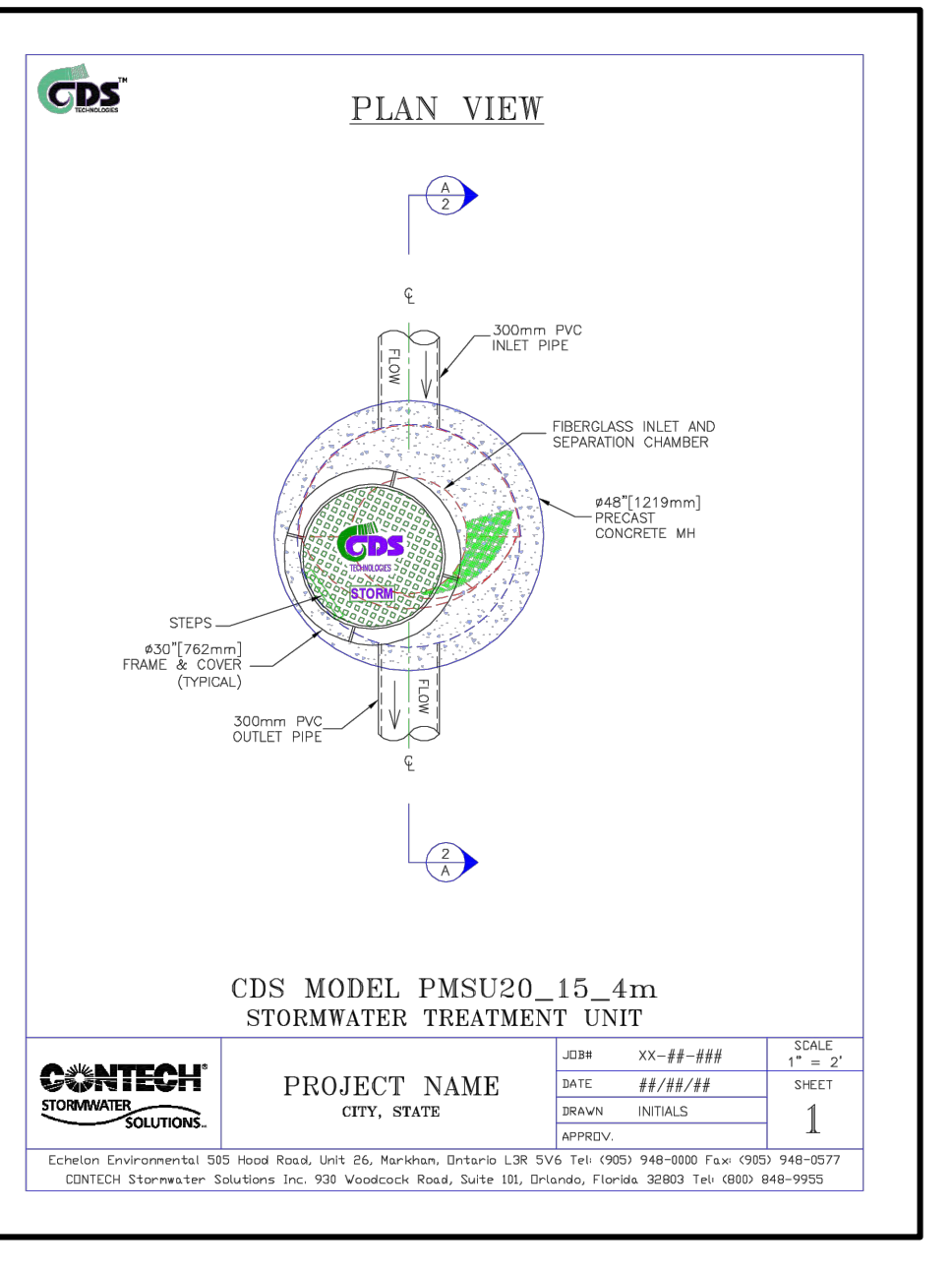
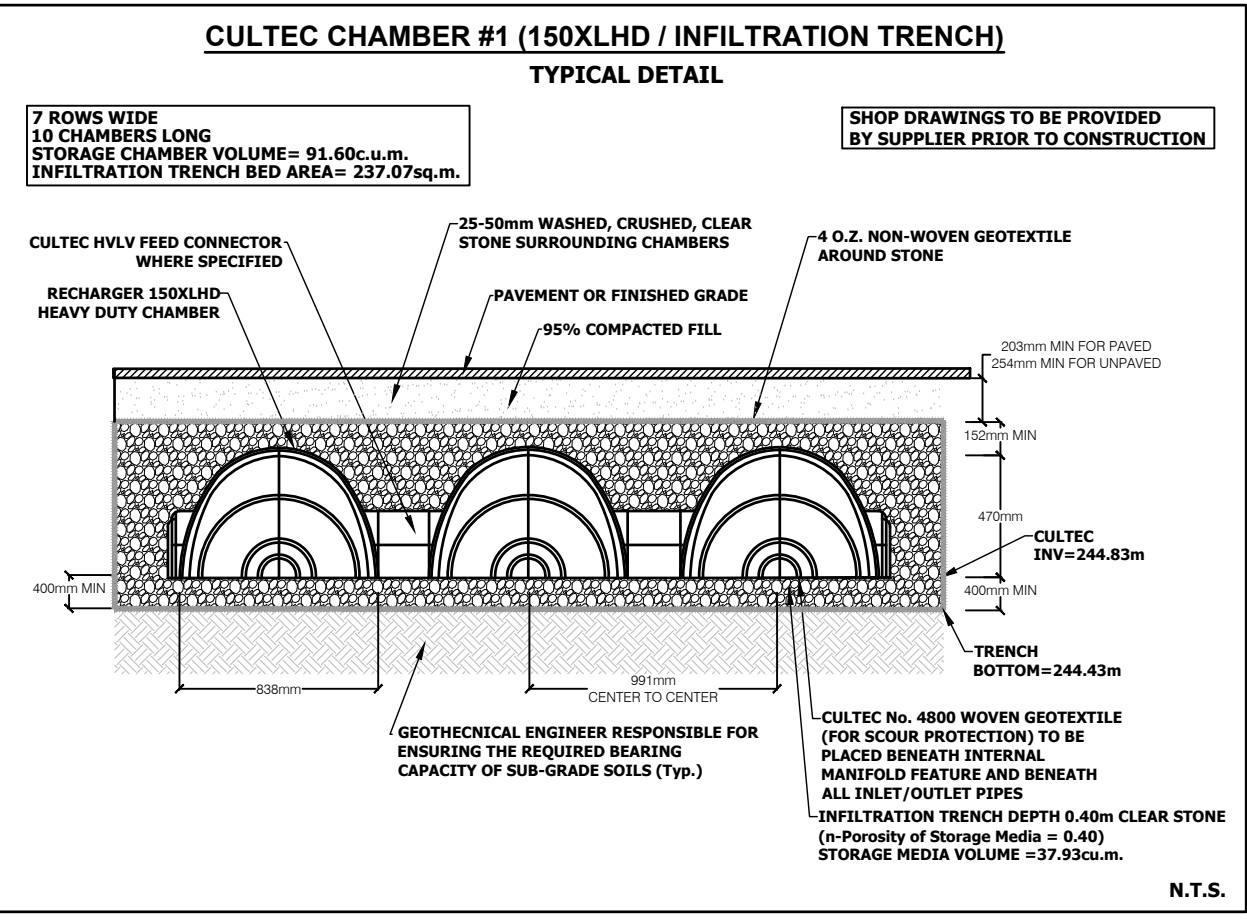
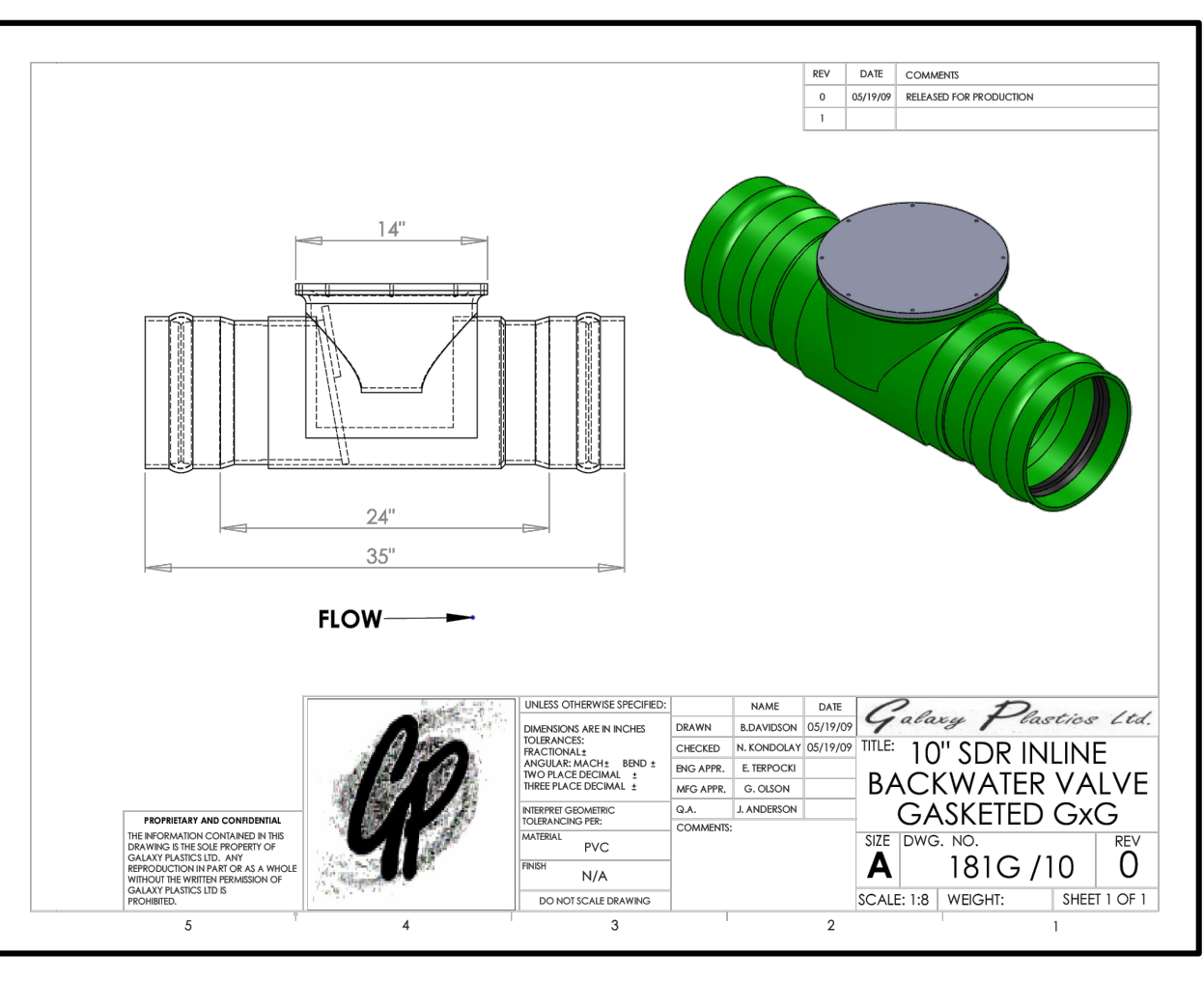
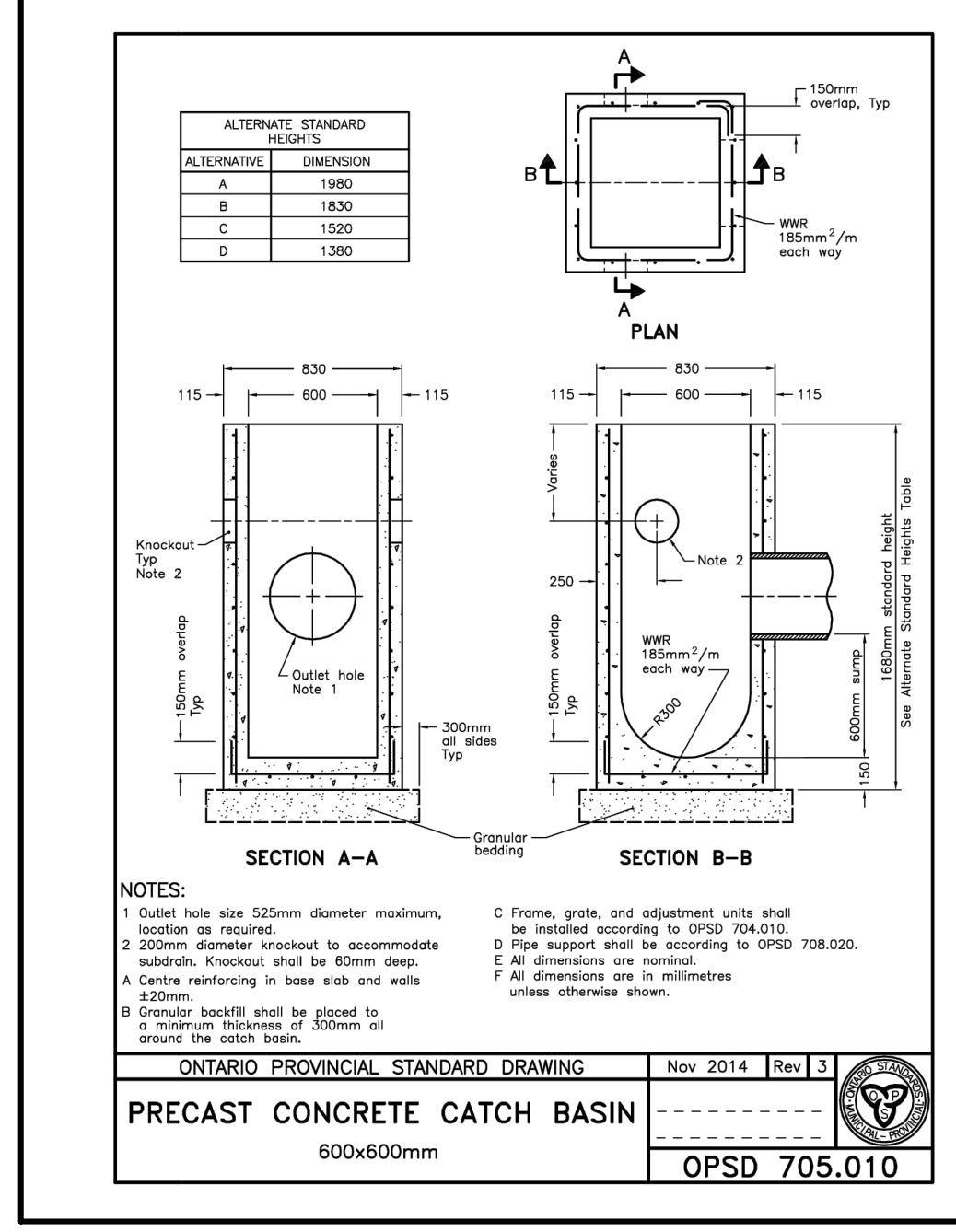
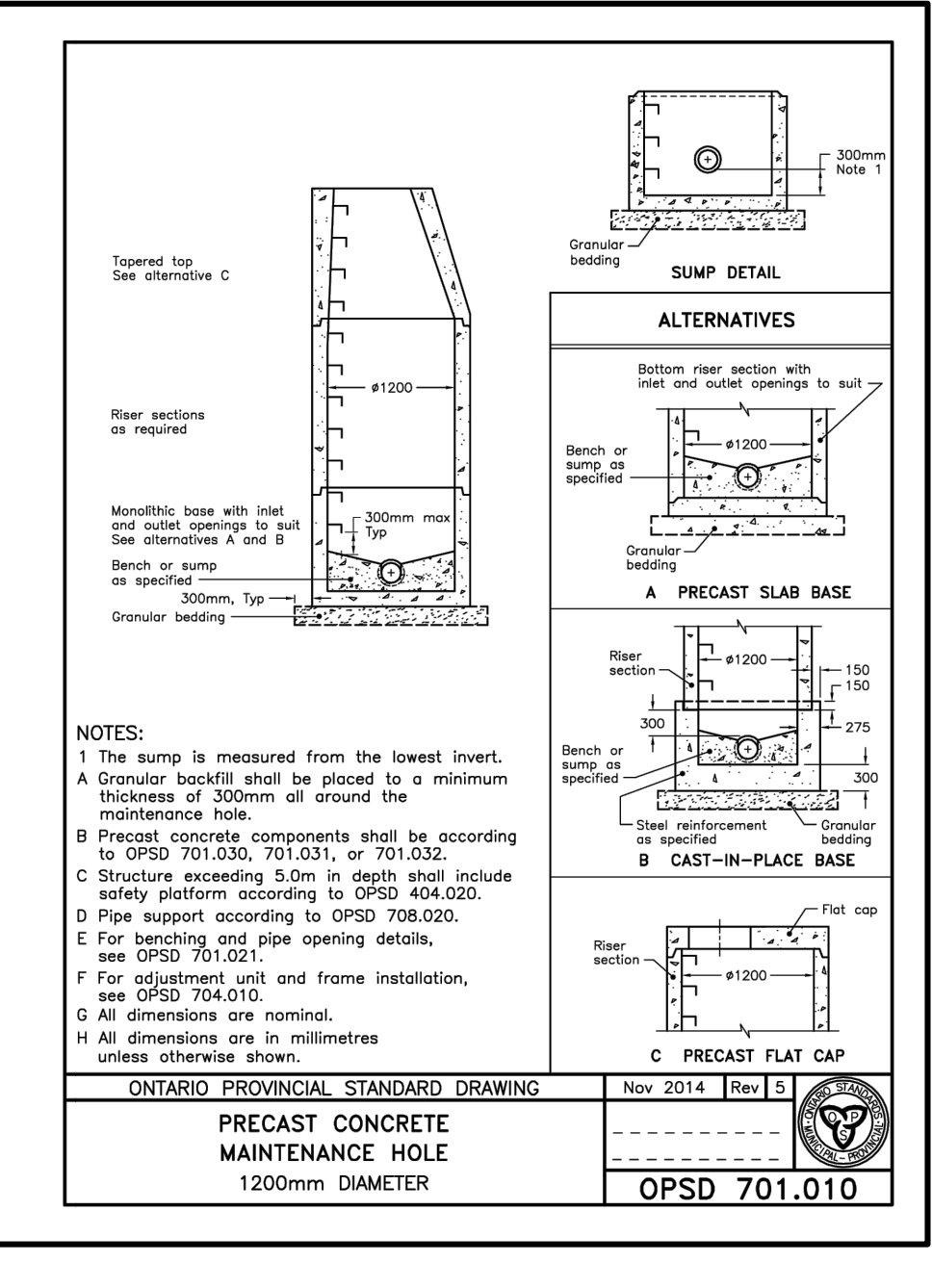


- GENERAL NOTES**
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 - THE LATEST TOWN OF MIDLAND STANDARD DRAWINGS, GENERAL CONDITIONS & SPECIFICATIONS CONSTITUTE PART OF THE DRAWINGS.
 - ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE "OCCUPATIONAL HEALTH AND SAFETY ACT". THE GENERAL CONTRACTOR SHALL BE DEEMED TO BE THE CONSTRUCTOR AS DEFINED IN THE ACT.
 - ALL TEMPORARY TRAFFIC CONTROL AND SIGNAGE DURING CONSTRUCTION, PERMANENT SIGNS AND LANE MARKINGS SHALL BE IN ACCORDANCE WITH ONTARIO TRAFFIC MANUAL FOR TEMPORARY CONDITIONS AND MTO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
 - ALL UNDERGROUND SERVICE CONNECTIONS AND TRENCHES WITHIN PAVED PORTION OF AN EXISTING ROAD ARE TO BE BACKFILLED WITH UNSINKABLE FILL MATERIAL.
 - THE NOTES ON THIS SHEET APPLY TO ALL WORKS UNDER THIS CONTRACT UNLESS OTHERWISE NOTED ON THE SPECIFIC DETAIL DWGS.
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 - ALL DIMENSIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO ANY CONSTRUCTION, AND ANY DISCREPANCIES SHALL BE REPORTED IMMEDIATELY TO THE ENGINEER.
 - NATIVE MATERIAL, SUITABLE FOR BACKFILL, SHALL BE COMPACTED TO 95% STANDARD PROCTOR MAXIMUM DRY DENSITY.
 - GRANULAR MATERIAL, USED FOR BACKFILL, SHALL BE PLACED IN LAYERS 150mm IN DEPTH MAXIMUM AND COMPACTED TO 100% STANDARD PROCTOR MAXIMUM DRY DENSITY.
 - FOUNDING SOILS ARE TO BE INSPECTED BY A GEOTECHNICAL ENGINEER.
 - ALL SEWER MATERIAL SHALL BE CSA CERTIFIED.
- WATERMAIN**
- ALL NONMETALLIC AND METALLIC REINFORCED WATERMANS SHALL BE INSTALLED WITH A #12TW STRANDED COPPER TRACER WIRE A LONG THE SPRINGLINE OF THE WATERMAIN.
 - WATERMAIN BEDDING SHALL BE AS PER OPSD 802.010 (GRADE "A" EMBEDEDMENT MATERIAL).
 - WATERMAIN SHALL HAVE A MINIMUM COVER OF 1.8m.
 - WATERMANS ARE TO BE INSTALLED AT GRADES AS SHOWN ON APPROVED PLANS. COPY OF GRADE SHEET MUST BE SUPPLIED TO INSPECTOR PRIOR TO COMMENCEMENT OF WORK, WHERE REQUESTED BY INSPECTOR.
 - ALL TEES, BENDS, AND REDUCERS TO BE COMPLETED WITH THRUST BLOCKING.
 - WATERMAIN MUST HAVE A MINIMUM VERTICAL CLEARANCE OF 0.30m (12") OVER, 0.50m (20") UNDER SEWERS AND ALL OTHER UTILITIES WHEN CROSSING.
 - THE MINIMUM HORIZONTAL SEPARATION BETWEEN THE WATER SERVICE AND THE SANITARY/STORM SEWER IS TO BE 2.5m.
 - THE CONTRACTOR SHALL INFORM THE TOWN 48 HOURS PRIOR TO COMMENCEMENT OF WORKS AND ALL PERMITS MUST BE IN PLACE.
 - OPERATION OF FIRE HYDRANTS AND VALVES ON POTABLE WATER BY ANYONE OTHER THAN THE PUBLIC WORKS DEPARTMENT IS PROHIBITED.
 - WATER SERVICE TESTING TO BE IN ACCORDANCE WITH TOWN OF MIDLAND DESIGN CRITERIA, SECTIONS 11.3 TO 11.8.
- SANITARY SEWERS**
- ALL SANITARY SEWER PIPES SMALLER THAN 375mm Ø SHALL BE PVC TOWN (SDR 35) AND HAVE SMOOTH INTERIOR AND EXTERIOR WALLS AND CONFORM TO OPSD 1841 MATERIAL SPECIFICATION. BEDDING FOR FLEXIBLE SANITARY PIPE SHALL BE AS PER OPSD 802.010.
 - ALL OTHER SIZED SANITARY PIPES SHALL BE COMPOSED OF REINFORCED CONCRETE AND COMPLY WITH OPSD 1820 MATERIAL SPECIFICATION.
 - ALL SANITARY SEWERS SHALL HAVE PREMIUM RUBBER GASKET JOINTS.
 - SANITARY MAINTENANCE HOLES WILL BE AS PER OPSD 701.010 TO 701.013, AND FRAME AND COVER AS PER OPSD-401.010, TYPE "A".
 - BENCHING SHALL BE AS PER OPSD 701.021.
- STORM SEWERS**
- CONTINUOUS SUBDRAINS SHALL BE INSTALLED ADJACENT TO THE CURBS AND CONNECT TO THE CATCHBASINS AS PER OPSD 216.021.
 - ALL STORM FLEXIBLE PIPE BEDDING SHALL BE AS PER OPSD 802.030 (CLASS B-1 GRANULAR "A").
 - ALL CATCHBASINS WITHIN THE ROAD ALLOWANCE SHALL BE AS PER OPSD 705.010 AND FRAME AND GRATE AS PER OPSD-400.010.
 - MAINTENANCE HOLES WILL HAVE A MINIMUM 1.0m OF COMPACTED GRANULAR BACKFILL.
 - ALL STORM SEWERS SHALL HAVE PREMIUM RUBBER GASKET JOINTS.
 - BENCHING SHALL BE AS PER OPSD 701.021.
 - ALL MAINTENANCE HOLES TO BE CONSTRUCTED AS PER OPSD 701.010 TO 701.013.
 - ALL PVC STORM PIPE IS TO BE SDR 26.
- LOCATES AND LIABILITY**
- THE CONTRACTOR SHALL RECTIFY ALL DISTURBED AREAS TO THE ORIGINAL CONDITION OR BETTER AND TO THE SATISFACTION OF THE TOWN.
 - THE LOCATION OF ALL UNDERGROUND UTILITIES AND STRUCTURES ARE APPROXIMATE ONLY, AND WHERE SHOWN ON THE DRAWING(S) THE ACCURACY OF THE LOCATION OF SUCH UTILITIES ARE NOT GUARANTEED. THE CONTRACTORS SHALL DETERMINE THE LOCATION OF ALL SUCH UTILITIES AND STRUCTURES BY CONSULTING THE APPROPRIATE AUTHORITIES OR UTILITY COMPANIES CONCERNED. THE CONTRACTORS SHALL ASSUME THE LOCATION OF ALL SUCH UTILITIES AND STRUCTURES AND SHALL PROVIDE ALL LIABILITY FOR DAMAGE OR RESTORATION TO SAME.
 - THE OWNER SHALL BE NOTIFIED IMMEDIATELY OF ANY CONFLICTS WITH EXISTING SERVICES.

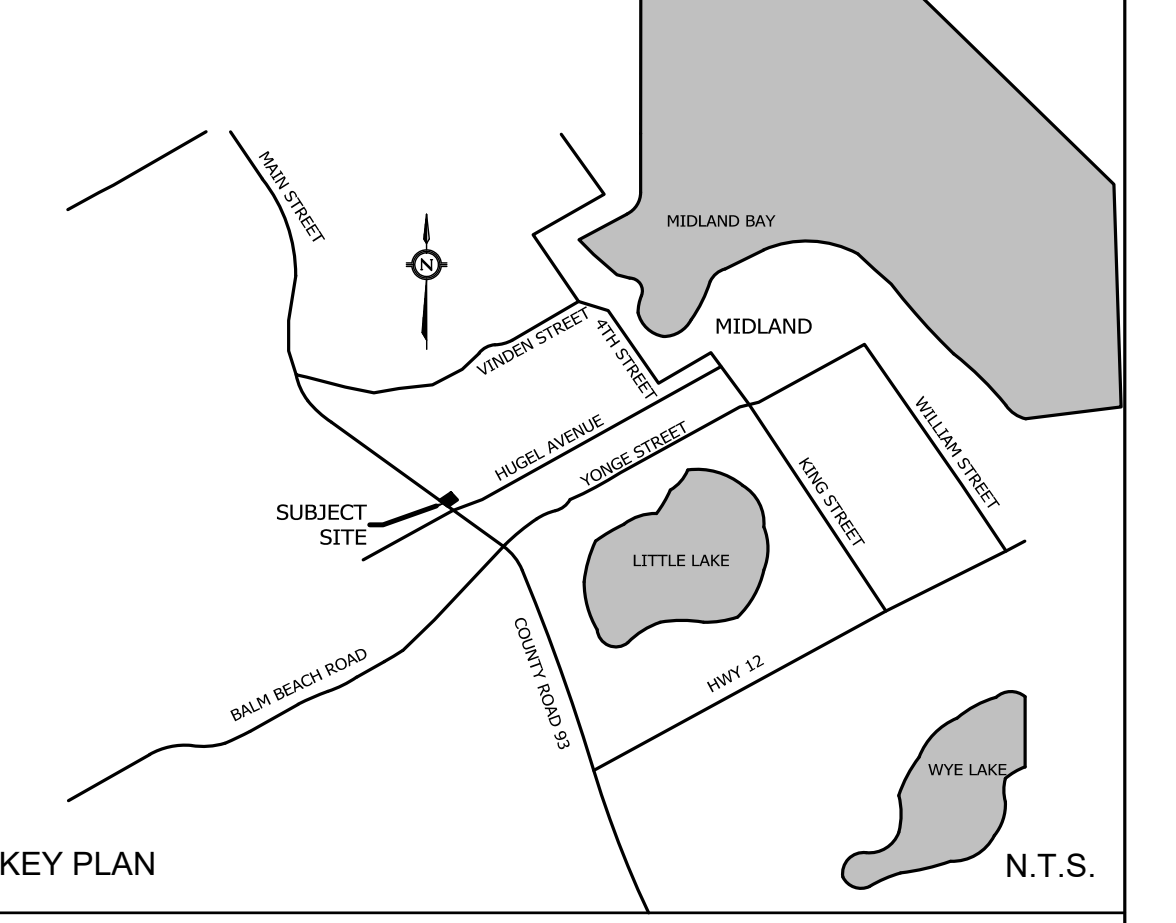
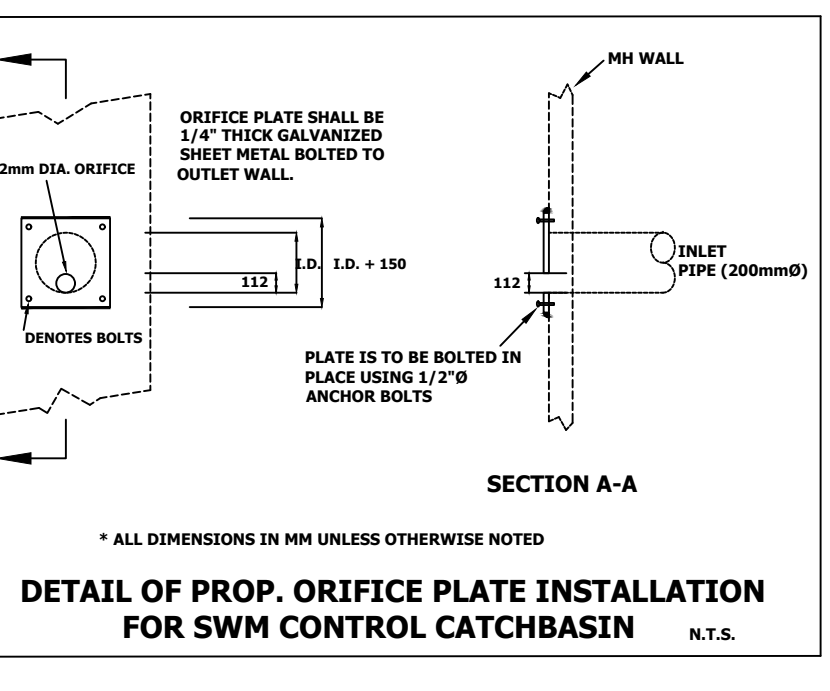
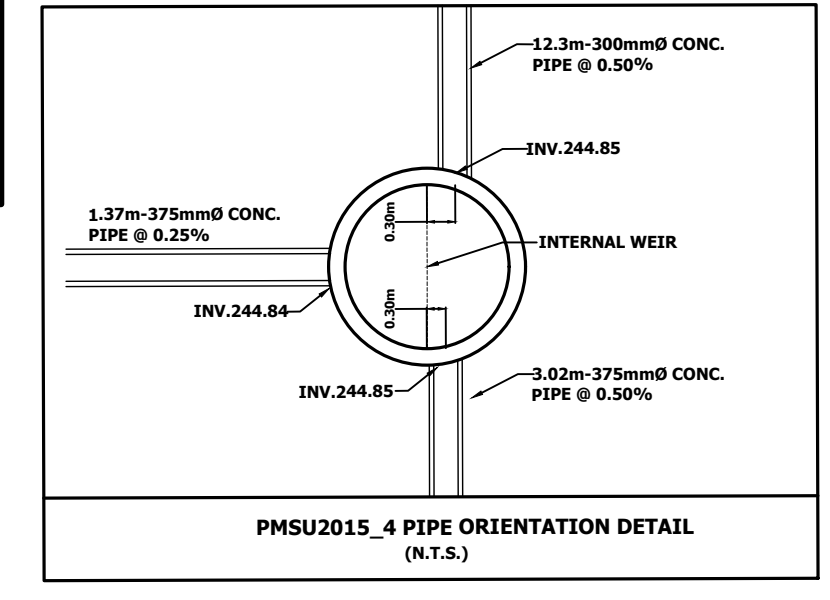


NOTE
ALL CONCRETE PIPE WITH A COVER DEPTH LESS THAN 0.60m ARE TO BE DESIGNED BY MANUFACTURER AND STAMPED BY A STRUCTURAL ENGINEER.

NOTE
MECHANICAL ENGINEER TO DESIGN INTERNAL BUILDING STORM DRAINAGE SYSTEM INCLUDING AREA DRAINS, ROOF DRAINS AND ALL INTERNAL PIPING. INTERNAL STORM DRAINAGE SYSTEM SHALL OUTLET TO SWM SEWER SYSTEM WITH ALL CONNECTIONS PROTECTED AGAINST A MINIMUM SURCHARGE ELEVATION OF 245.45m EITHER BY GRAVITY OR BY PUMPING.



CROSSING DATA			
No.	BOTTOM OF PIPE	OBVERT	CLEARANCE (m)
1	STM INV.244.97	SAN OBV.244.03	0.94m
2	STM INV.244.96	SAN OBV.243.88	1.08m
3	STM INV.244.87	SAN OBV.244.48	0.39m
4	STM INV.244.90	SAN OBV.244.40	0.50m
5	SAN INV.244.41	WM OBV.243.91	0.50m
6	STM INV.244.89	WM OBV.244.23	0.66m
7	STM INV.244.89	WM OBV.244.35	0.54m
8	SAN INV.244.27	WM OBV.243.77	0.50m
9	STM INV.244.92	WM OBV.244.94	0.98m



TOPOGRAPHIC SURVEY OF PART OF LOT 107 CONCESSION 1, W.P.R. GEOGRAPHIC TOWNSHIP OF TINY NOW IN THE TOWN OF MIDLAND COUNTY OF SIMCOE

- LEGEND**
- EX. SANM#
 - EX. STAMB#
 - EX. CBM#
 - EX. CP#
 - EX. HW20A
 - MH20
 - CB
 - 150mm-200mm PVC SAN @ 1.00%
 - 150mm-300mm CONC STM @ 0.25%
 - 150mm PVC WATERMAIN
 - PROPOSED SANITARY SEWER
 - PROPOSED STORM SEWER
 - PROPOSED WATERMAIN
 - PROPOSED SANITARY SERVICE
 - PROPOSED WATER SERVICE AND CURB STOP
 - PROPERTY LINE
 - EXISTING SIGN
 - STM PIPE INSULATION

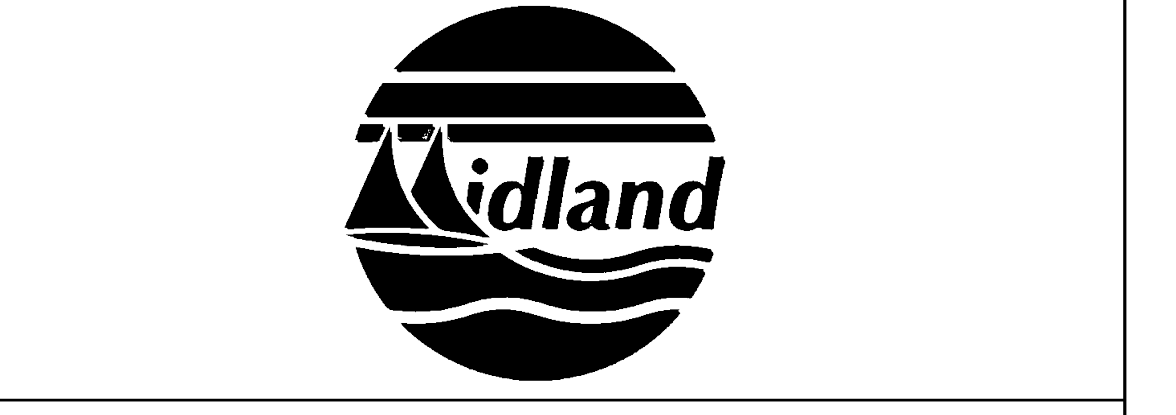
BENCHMARK
ELEVATIONS SHOWN ON THIS PLAN ARE RELATED TO GEODETIC DATUM AND ARE DERIVED FROM THE COVID-28 BENCH MARK NO. 00119510519 HAVING A PUBLISHED ELEVATION OF 245.61 METRES. BEARINGS ARE UTM GRID, DERIVED FROM OBSERVED REFERENCE POINTS A AND B, BY REAL TIME NETWORK (RTN) OBSERVATIONS, UTM ZONE 17, NAD83 (CSRS) (2010.0). DISTANCES ARE GRID AND CAN BE CONVERTED TO GRID BY MULTIPLYING BY THE COMBINED SCALE FACTOR OF 0.999658.

NO.	REVISION	DATE	BY
5.	REVISED SITE PLAN/ LANDSCAPING	SEP/15/2022	M.H.
4.	REVISED PER TOWN COMMENTS	JUN/01/2022	M.H.
3.	REVISED PER TOWN COMMENTS RECEIVED MAY 6, 2020	MAY/22/2020	M.H.
2.	ISSUED FOR BUILDING PERMIT	MAR/11/2020	M.H.
1.	ISSUED FOR SPA AMENDMENT	MAR/10/2020	M.H.

1626725 ONTARIO LIMITED COMMERCIAL DEVELOPMENT STARBUCKS ADDITION 9281 COUNTY RD. 93, TOWN OF MIDLAND

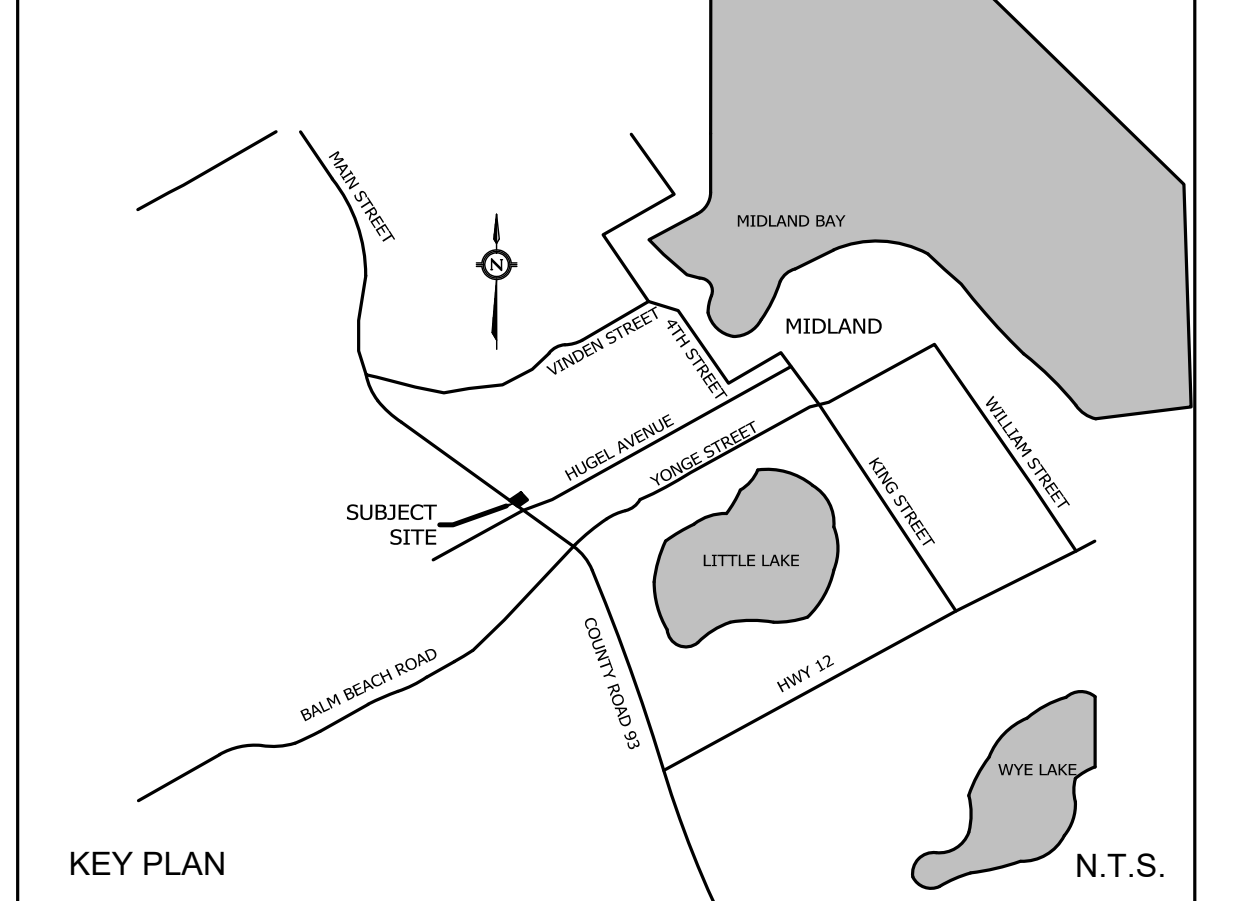
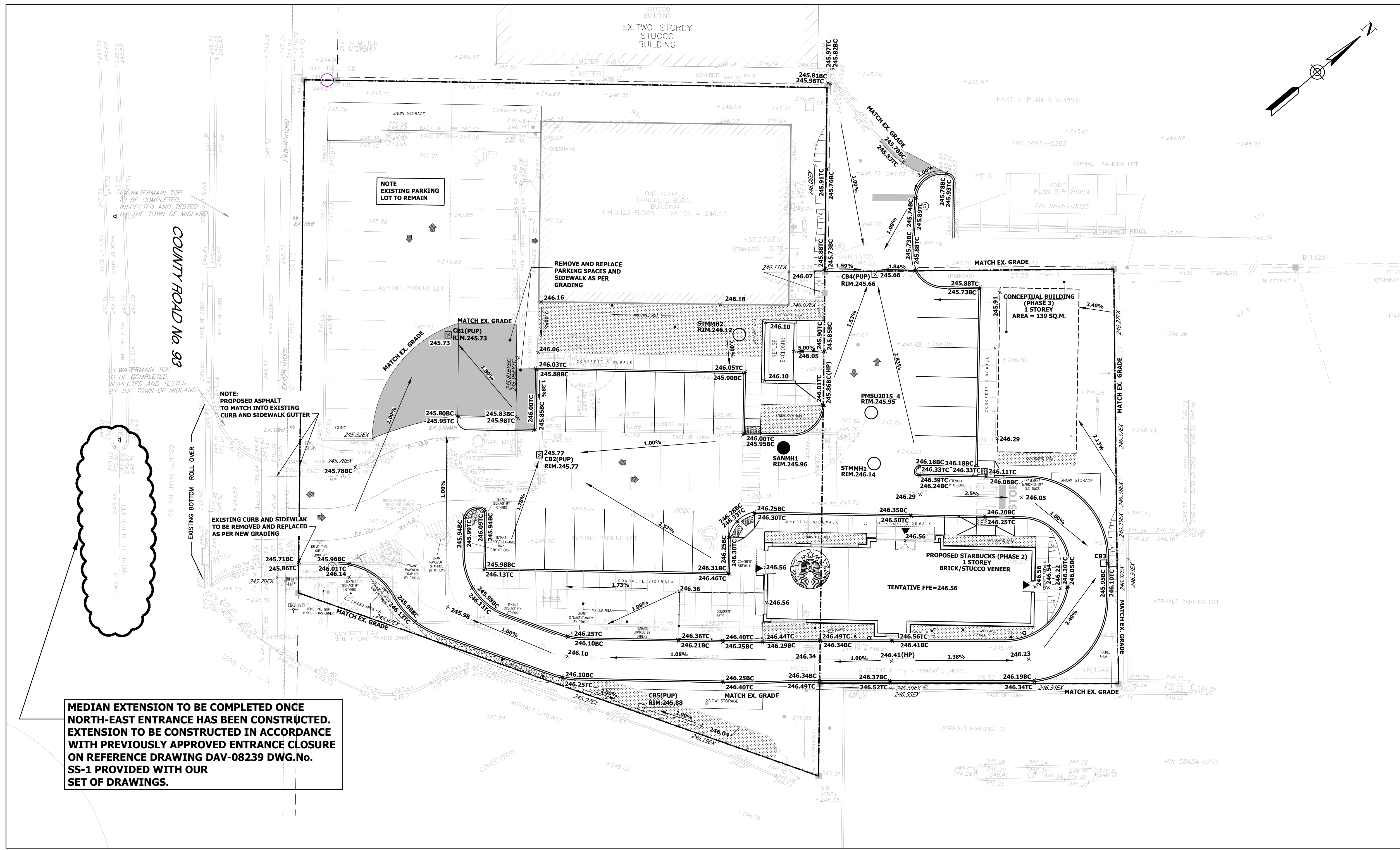
APPROVED:

CONDELAND CONSULTING ENGINEERS & PROJECT MANAGERS
350 Creditstone Road, Unit 200 Concord, Ontario L4K 3Z2 P: (905) 695-2096 F: (905) 695-2099



SERVICING PLAN

DESIGNED BY:	DATE:	CHECKED BY:
J.K.	SEPTEMBER 2022	M.H.
DRAWN BY:	DRAWING NO.	CITY FILE:
V.B./M.A.	19-047-01	
SCALE:	Sheet:	
1:200	01 OF 5	



TOPOGRAPHIC SURVEY OF PART OF LOT 107 CONCESSION 1, W.P.R. GEOGRAPHIC TOWNSHIP OF TINY NOW IN THE TOWN OF MIDLAND COUNTY OF SIMCOE

LEGEND

● EX. SANMH	EXISTING SANITARY MANHOLE
○ EX. STMH	EXISTING STORM MANHOLE
□ EX. CBM	EXISTING CATCHBASIN MANHOLE
○ EX. CB	EXISTING CATCHBASIN
× 195.03	TOPO ELEVATION
× 195.28	EXISTING ELEVATION
× 195.28TC	EXISTING TOP OF CURB ELEVATION
× 195.28BC	EXISTING BOTTOM OF CURB ELEVATION
(HP) 195.28	EXISTING HIGH POINT ELEVATION
---	PROPERTY LINE
---	EXISTING SIGN
---	EXISTING STEP JUNCTION

BENCHMARK
ELEVATIONS SHOWN ON THIS PLAN ARE RELATED TO GEODETIC DATUM AND ARE DERIVED FROM THE CGVD28-78 BENCH MARK No. 001951U519 HAVING A PUBLISHED ELEVATION OF 245.61 METRES. BEARINGS ARE UTM GRID, DERIVED FROM OBSERVED REFERENCE POINTS A AND B, BY REAL TIME NETWORK (RTN) OBSERVATIONS, UTM ZONE 17, NAD83 (CSRS) (2010.0). DISTANCES ARE GROUND AND CAN BE CONVERTED TO GRID BY MULTIPLYING BY THE COMBINED SCALE FACTOR OF 0.999658.

REVISION	BLOCK	DATE	APPR. BY
5.	REVISED SITE PLAN/ LANDSCAPING	SEPT/15/2022	M.H.
4.	REVISED PER TOWN COMMENTS	JUNE/01/2022	M.H.
3.	REVISED PER TOWN COMMENTS RECEIVED MAY 6, 2020	MAY/22/2020	M.H.
2.	ISSUED FOR BUILDING PERMIT	MAR/11/2020	M.H.
1.	ISSUED FOR SPA AMENDMENT	MAR/10/2020	M.H.

1626725 ONTARIO LIMITED COMMERCIAL DEVELOPMENT STARBUCKS ADDITION 9281 COUNTY RD. 93, TOWN OF MIDLAND

APPROVED:

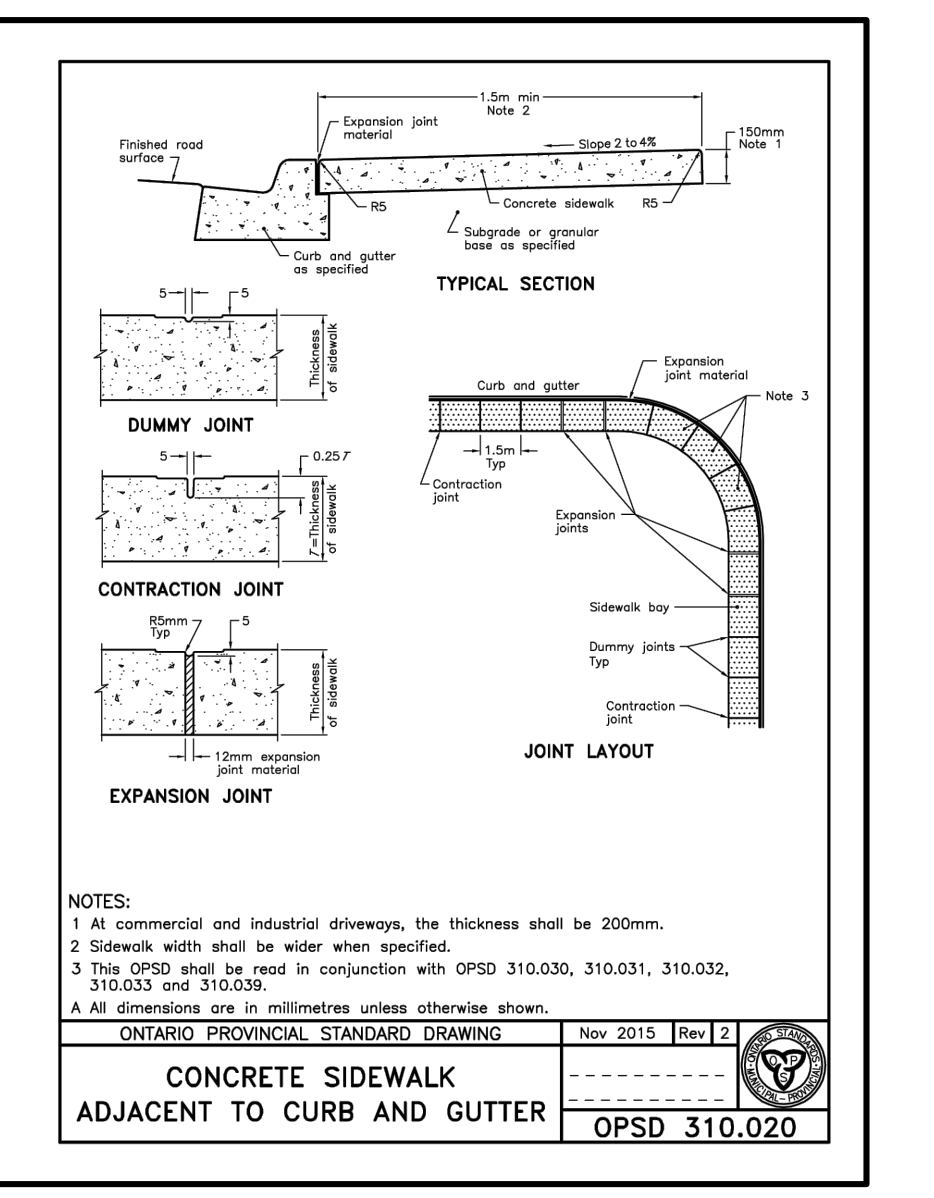
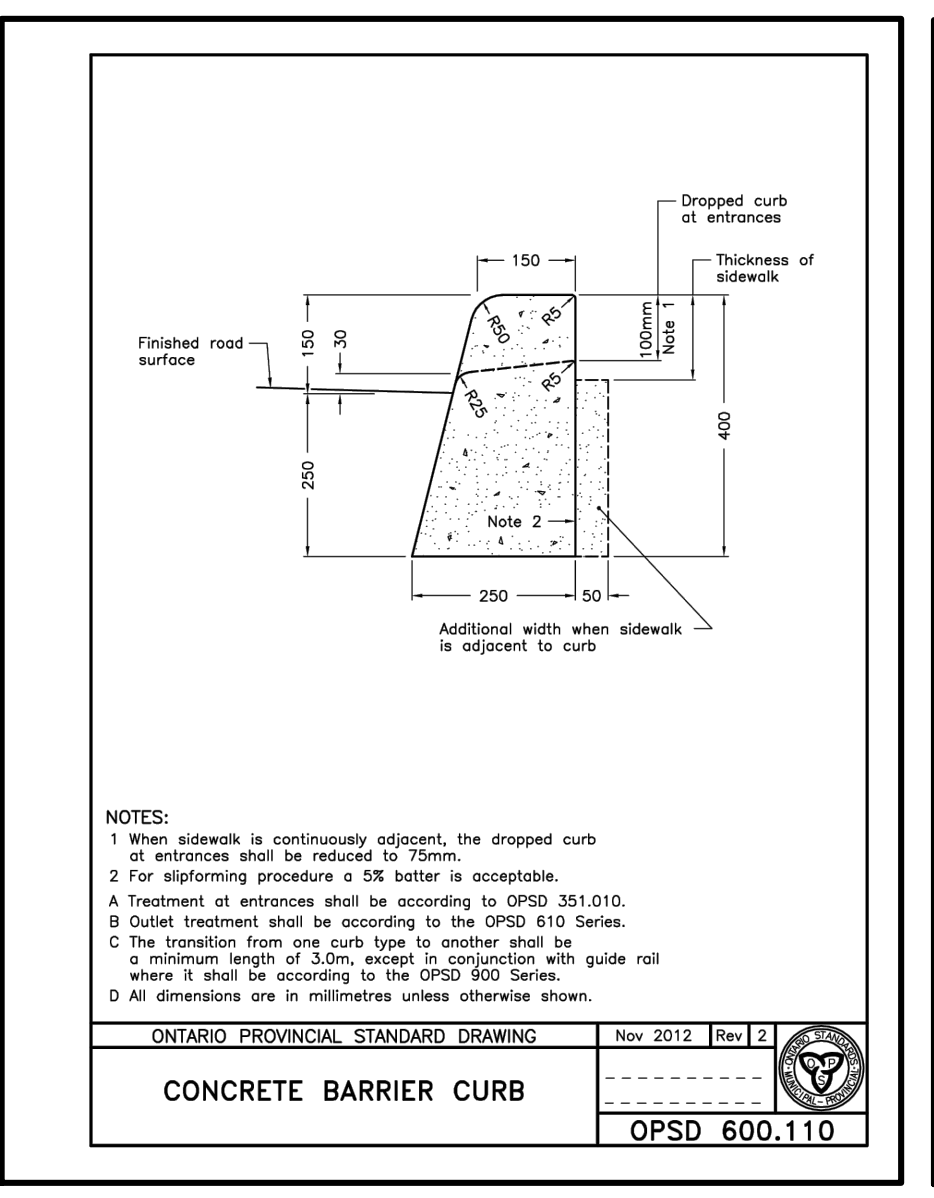
CONDELAND CONSULTING ENGINEERS & PROJECT MANAGERS
350 Creditstone Road, Unit 200 Concord, Ontario L4K 3Z2 P: (905) 695-2096 F: (905) 695-2099

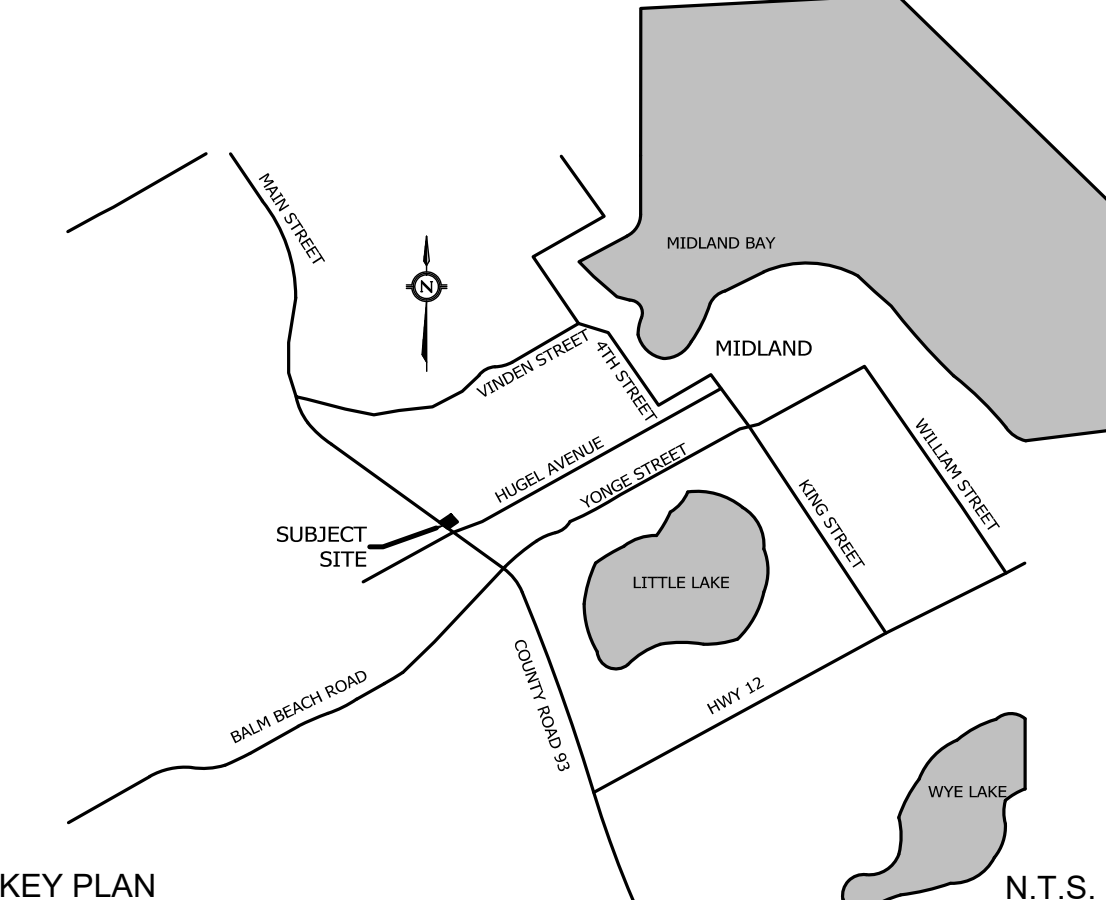
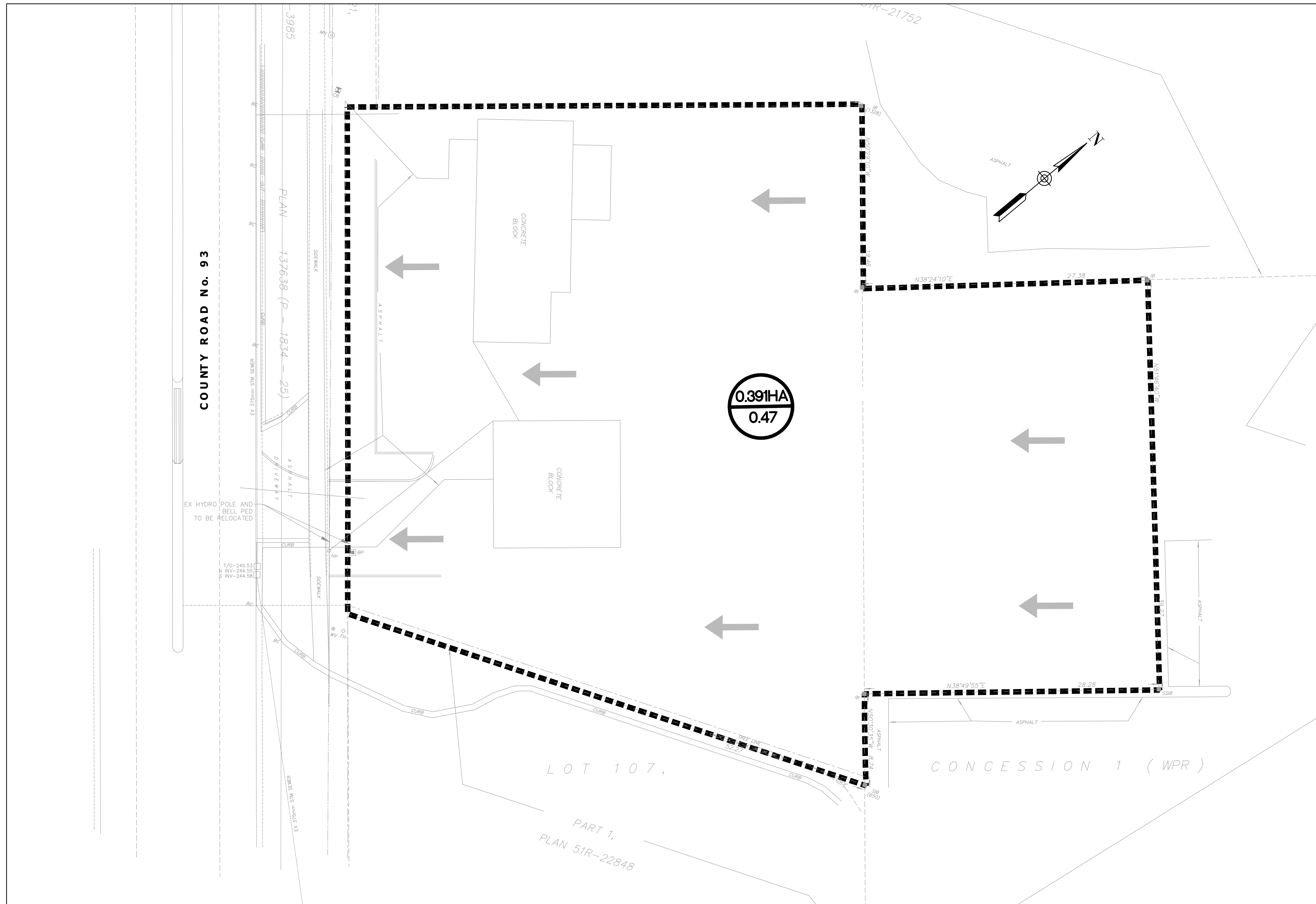


DESIGNED BY: J.K.	DATE: SEPTEMBER 2022	CHECKED BY: M.H.
DRAWN BY: V.B./M.A	DRAWING NO. 19-047 - 02	CITY FILE:
SCALE: 1:200	Sheet: 02 OF 5	

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 - GRANULAR MATERIAL, USED FOR BACKFILL, SHALL BE PLACED IN LAYERS 150mm IN DEPTH MAXIMUM AND COMPACTED TO 100% STANDARD PROCTOR MAXIMUM DRY DENSITY.
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 - THE OWNER SHALL BE NOTIFIED IMMEDIATELY OF ANY CONFLICTS WITH EXISTING SERVICES.

- GRADING AND ROAD / PAVEMENTS**
- ALL AREA GRADING AND RESULTING DRAINAGE PATTERNS SHALL NOT ADVERSELY AFFECT ADJACENT LANDS.
 - THE STORM DRAINAGE SHALL BE SELF CONTAINED WITHIN THE SUBJECT PROPERTY UNTIL IT CAN BE DISCHARGED, REUSED, INFILTRATED AND/OR EVAPORATED IN A MANNER ACCEPTABLE TO THE TOWN.
 - GENERALLY ACCEPTED GRADIENT: MINIMUM -2.0%, MAXIMUM -5.0% 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 IN OBTAINED AND SUBMITTED IN A FORMAT ACCEPTABLE TO THE TOWN.
 - PROPOSED SPOT ELEVATIONS WILL BE SHOWN FOR ASPHALT, LANDSCAPE OR CONCRETE AREA, UNLESS OTHERWISE NOTED TOP OF CURB ELEVATIONS ARE 0.15m ABOVE ASPHALT ELEVATIONS EXCEPT AT CURB DEPRESSIONS AND WHEEL CHAIR RAMPS.
 - ALL CONCRETE CURB SHALL BE BARRIER CURB OPSD 600.11
 - 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.
 - THE PARKING LOT AND ENTRANCE PAVEMENT STRUCTURE SHALL CONFORM TO THE REQUIREMENTS FOR HEAVY DUTY ASPHALT PAVING AND SHALL CONSIST OF THE FOLLOWING:
50mm HL3 ASPHALT (TOP COURSE)
75mm HL8 ASPHALT (BINDER COURSE)
150mm OF 19mmØ CRUSHER RUN LIMESTONE BASE
300mm OF 50mmØ CRUSHER RUN LIMESTONE SUB-BASE
 - CONTRACTOR SHALL VERIFY AND MATCH EXISTING PAVEMENT STRUCTURE IN DEPTH AND MATERIAL. ANY DISCREPANCIES BETWEEN EXISTING AND LATEST STANDARD PAVEMENT STRUCTURE SHALL BE REPORTED TO THE CONSULTANT PRIOR TO COMMENCEMENT OF CONSTRUCTION AND APPROPRIATE ACTION TAKEN TO THE SATISFACTION OF THE TOWN OF MIDLAND.
 - BACKFILL LIFT THICKNESS SHALL BE NO GREATER THAN 300mm
 - PRIOR TO THE INSTALLATION OF ANY GRANULAR MATERIALS, THE SOIL CONSULTANT MUST ISSUE A COMPACTION CERTIFICATE AND OBTAIN APPROVAL FROM THE TOWN.
 - ALL GRASS AND VEGETATION COVERED AREAS SHALL BE RESTORED BY PLACING 150mm OF APPROVED TOP SOIL AND No. 1 NURSERY SOO UNLESS NOTED OTHERWISE.
 - THE NATIVE SUB-GRADE SHALL BE COMPACTED TO A MINIMUM OF 98% SPD AND SHALL BE PROOF ROLLED.
 - ASPHALT LAYERS TO BE COMPACTED TO MINIMUM 97% MARSHALL
 - GRANULAR LAYERS TO BE COMPACTED TO MINIMUM 97% SPMD.
 - ALL SIDEWALKS SHALL BE CONSTRUCTED IN ACCORDANCE WITH OPSD 310.010, 310.020, AND 310.030 TO 310.033. GRANULAR FOUNDATION DEPTHS IS TO BE MINIMUM 150mm OF GRANULAR 'A'. ALL CONCRETE MATERIALS AND WORK SHALL CONFORM TO OPS SPECIFICATIONS.





KEY PLAN

TOPOGRAPHIC SURVEY OF PART OF LOT 107 CONCESSION 1, W.P.R. GEOGRAPHIC TOWNSHIP OF TINY NOW IN THE TOWN OF MIDLAND COUNTY OF SIMCOE

- LEGEND**
- EXISTING STORM MANHOLE & NUMBER
 - EXISTING CATCHBASIN
 - LOT LINE
 - EXISTING ELEVATION
 - EXISTING TOPO ELEVATION
 - STORM TRIBUTARY AREA (ha)
 - RUN-OFF COEFFICIENT
 - TRIBUTARY AREA BOUNDARY
 - STORM DRAINAGE ARROW

BENCHMARK
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 BEARINGS ARE UTM GRID, DERIVED FROM OBSERVED REFERENCE POINTS A AND B, BY REAL TIME NETWORK (RTN) OBSERVATIONS, UTM ZONE 17, NAD83 (CSRS) (2010.0). DISTANCES ARE GROUND AND CAN BE CONVERTED TO GRID BY MULTIPLYING BY THE COMBINED SCALE FACTOR OF 0.999658.

REVISION	BLOCK	DATE	APPR. BY
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3.	REVISED PER TOWN COMMENTS RECEIVED MAY 6, 2020	MAY/22/2020	M.H.
2.	ISSUED FOR BUILDING PERMIT	MAR/11/2020	M.H.
1.	ISSUED FOR SPA AMENDMENT	MAR/10/2020	M.H.

1626725 ONTARIO LIMITED COMMERCIAL DEVELOPMENT STARBUCKS ADDITION 9281 COUNTY RD. 93, TOWN OF MIDLAND

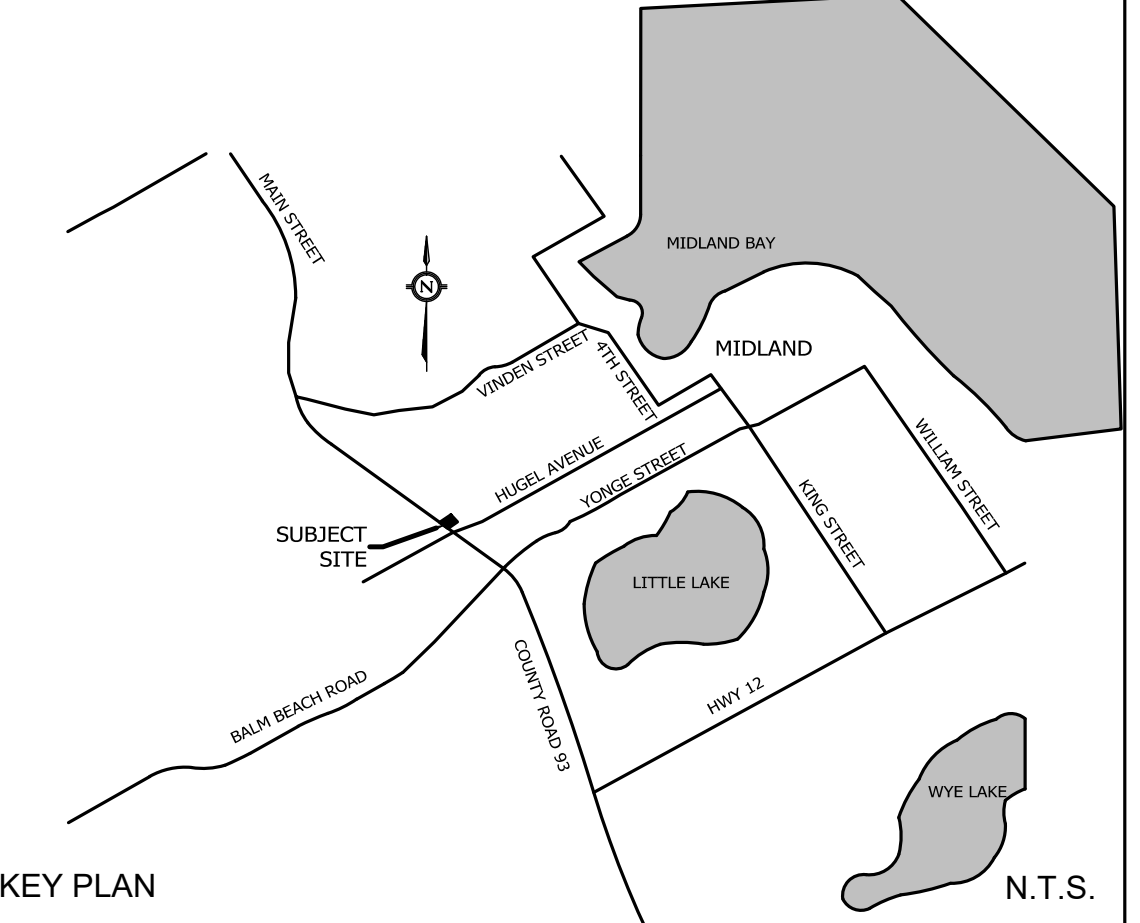
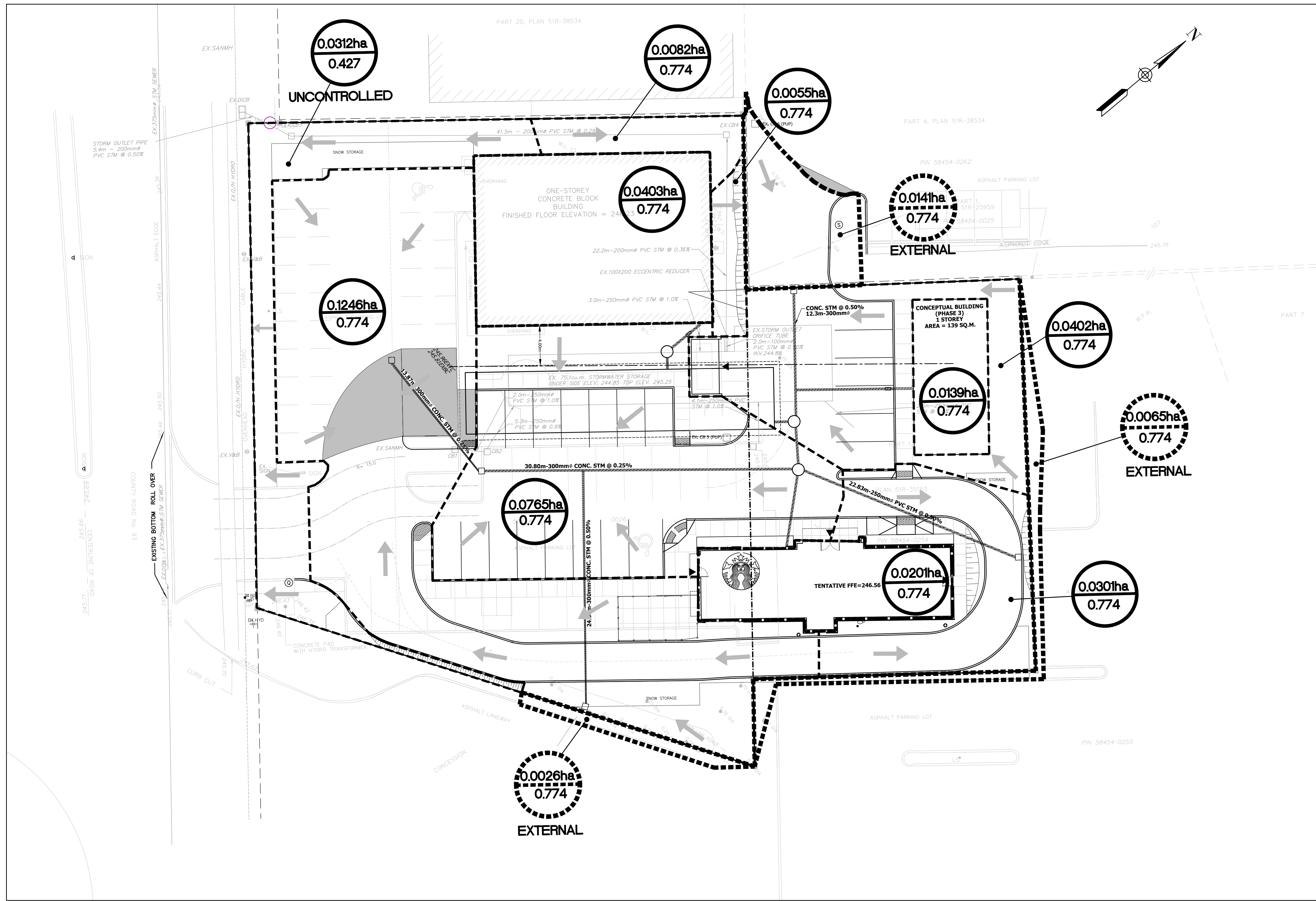
APPROVED:

CONDELAND
 CONSULTING ENGINEERS & PROJECT MANAGERS
 350 Creditstone Road, Unit 200 P: (905) 695-2096
 Concord, Ontario L4K 3Z2 F: (905) 695-2099



PRE-DEVELOPMENT STORM TRIBUTARY PLAN

DESIGNED BY: J.K.	DATE: SEPTEMBER 2022	CHECKED BY: M.H.
DRAWN BY: V.B./M.A.	DRAWING NO. 19-047 - 03	CITY FILE:
SCALE 1:200	Sheet: 03 OF 5	



KEY PLAN
 TOPOGRAPHIC SURVEY OF PART OF LOT 107 CONCESSION 1, W.P.R. GEOGRAPHIC TOWNSHIP OF TINY NOW IN THE TOWN OF MIDLAND COUNTY OF SIMCOE

- LEGEND**
- PROPOSED STORM MANHOLE & NUMBER
 - PROPOSED CATCHBASIN
 - LOT LINE
 - + 191.84 PROPOSED ELEVATION
 - + EX191.84 EXISTING ELEVATION
 - + 191.84 EXISTING TOPO ELEVATION
 - 0.041ha / 0.771 STORM TRIBUTARY AREA (ha) / RUN-OFF COEFFICIENT
 - TRIBUTARY AREA BOUNDARY
 - STORM DRAINAGE ARROW
 - DENOTES LIMIT OF SUBDIVISION
 - 0.041ha / 0.771 EXTERNAL STORM TRIBUTARY AREA (ha) / RUN-OFF COEFFICIENT
 - EXTERNAL TRIBUTARY AREA BOUNDARY

BENCHMARK
 ELEVATIONS SHOWN ON THIS PLAN ARE RELATED TO GEODETIC DATUM AND ARE DERIVED FROM THE CGVD28-78 BENCH MARK No 0011951U519 HAVING A PUBLISHED ELEVATION OF 245.61 METRES. BEARINGS ARE UTM GRID, DERIVED FROM OBSERVED REFERENCE POINTS A AND B, BY REAL TIME NETWORK (RTN) OBSERVATIONS, UTM ZONE 17, NAD83 (CSRS) (2010.0). DISTANCES ARE GROUND AND CAN BE CONVERTED TO GRID BY MULTIPLYING BY THE COMBINED SCALE FACTOR OF 0.999658.

REVISION	BLOCK	DATE	APPR. BY
4.	REVISED PER TOWN COMMENTS	JUN/01/2020	M.H.
3.	REVISED PER TOWN COMMENTS RECEIVED MAY 6, 2020	MAY/22/2020	M.H.
2.	ISSUED FOR BUILDING PERMIT	MAR/11/2020	M.H.
1.	ISSUED FOR SPA AMENDMENT	MAR/10/2020	M.H.

1626725 ONTARIO LIMITED COMMERCIAL DEVELOPMENT STARBUCKS ADDITION 9281 COUNTY RD. 93, TOWN OF MIDLAND

APPROVED:

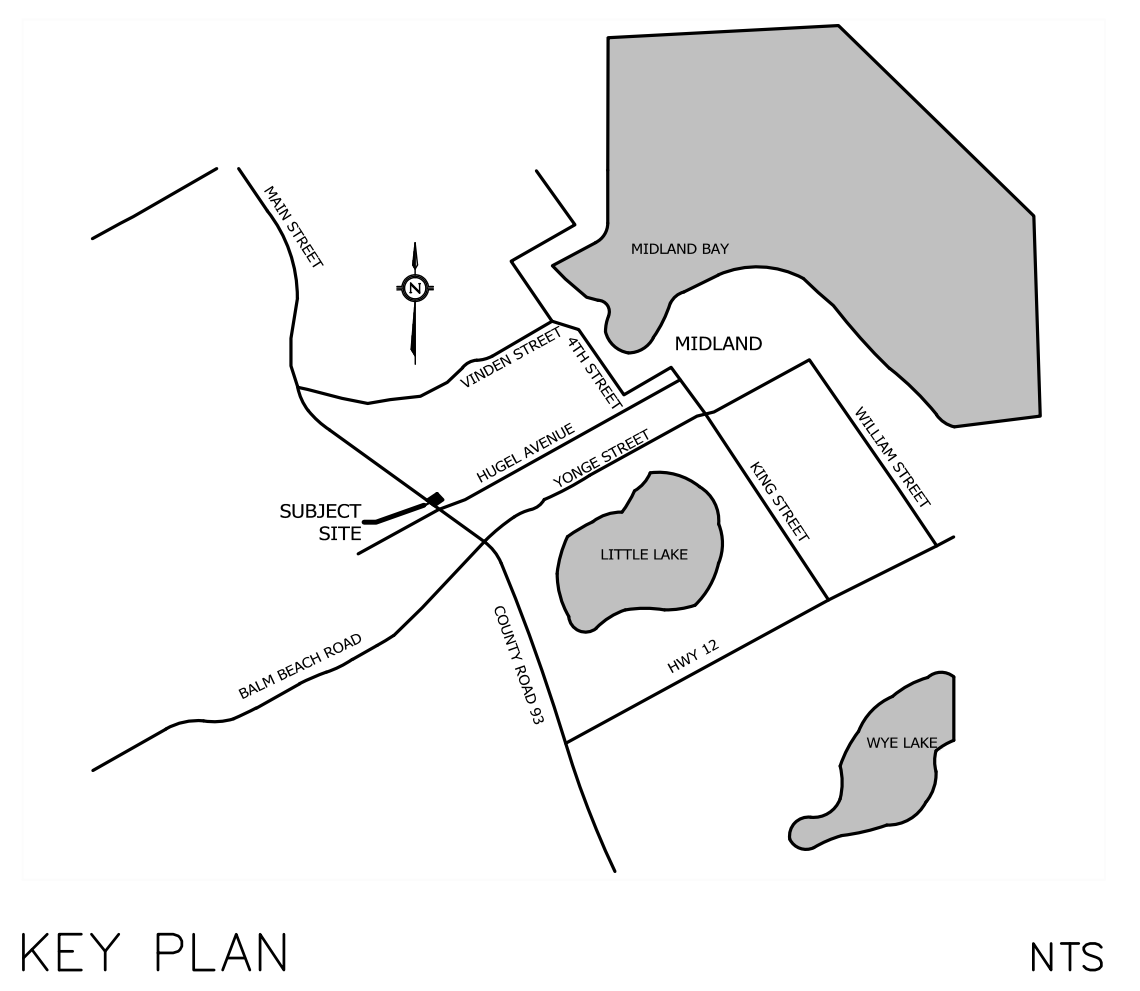
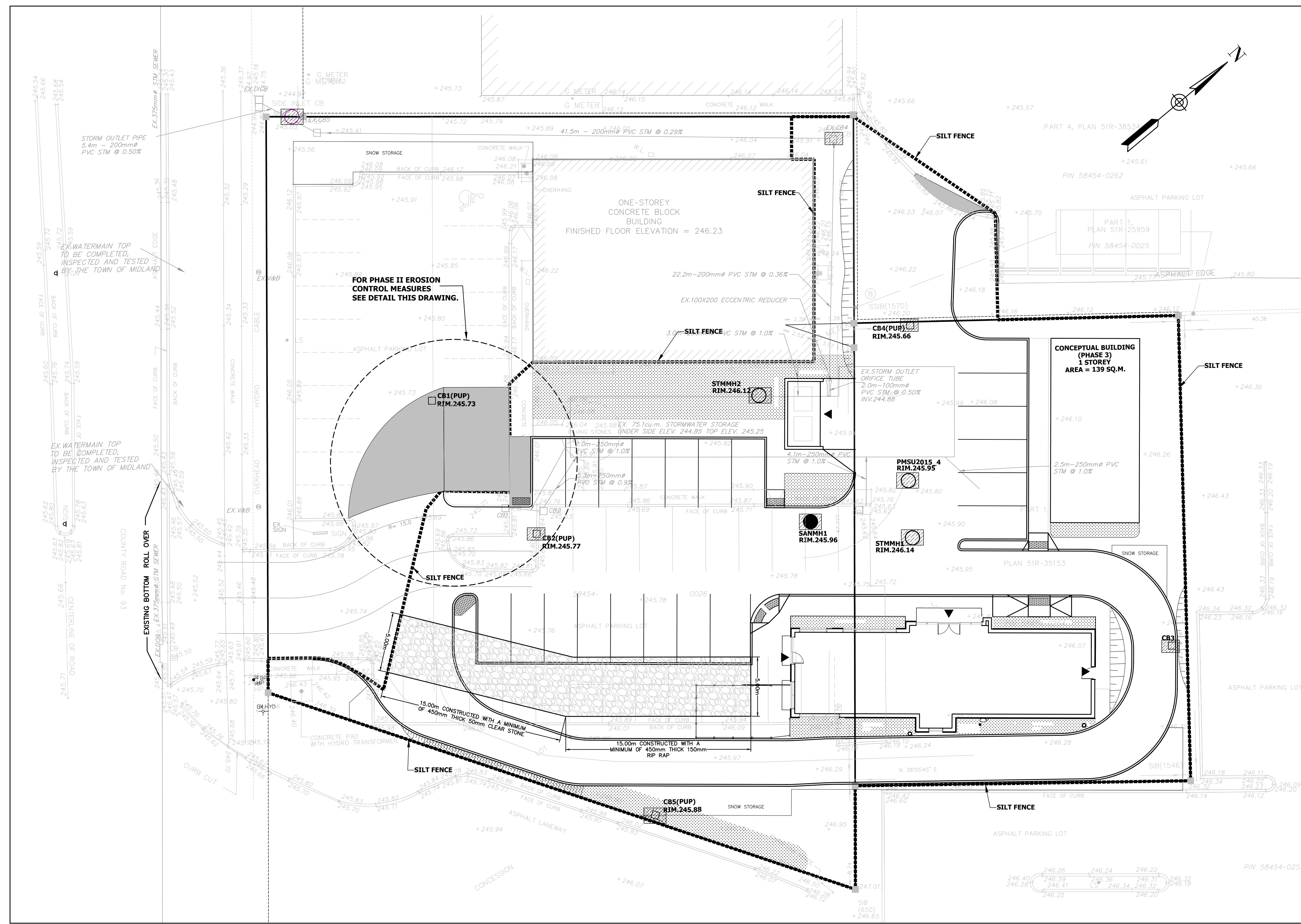
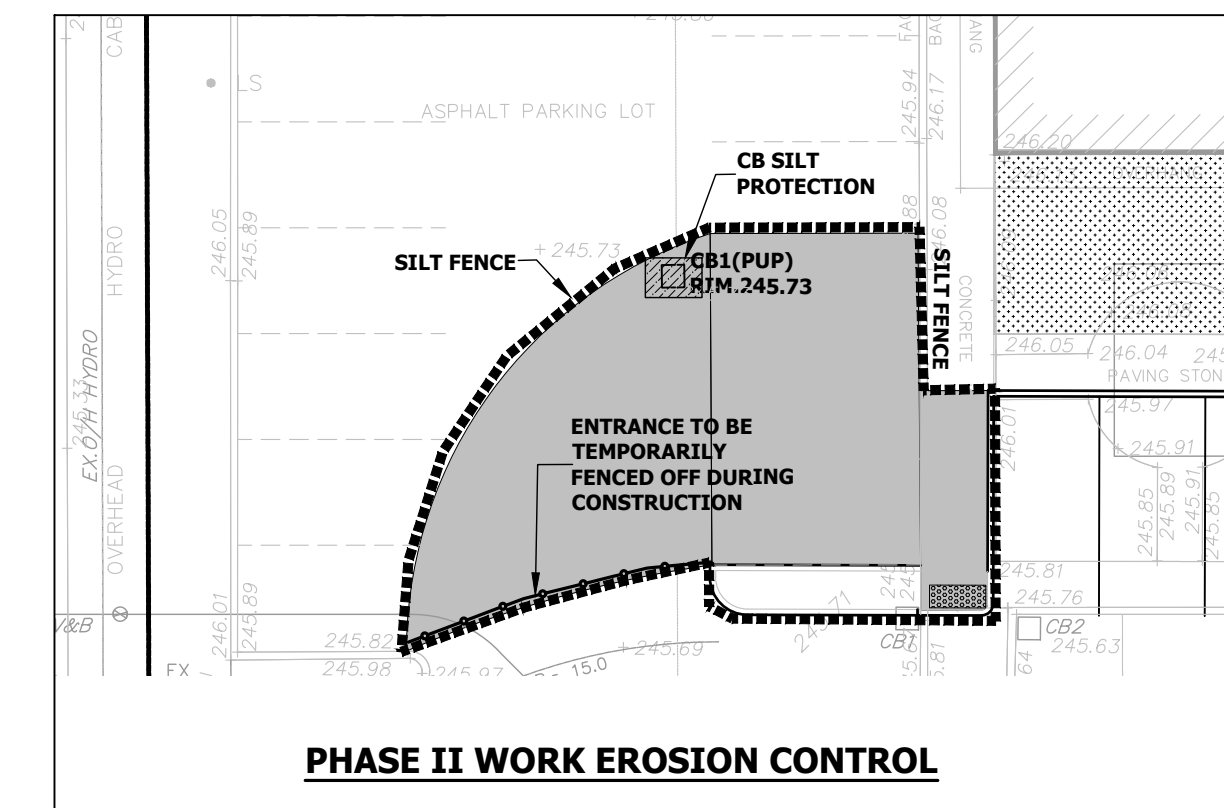
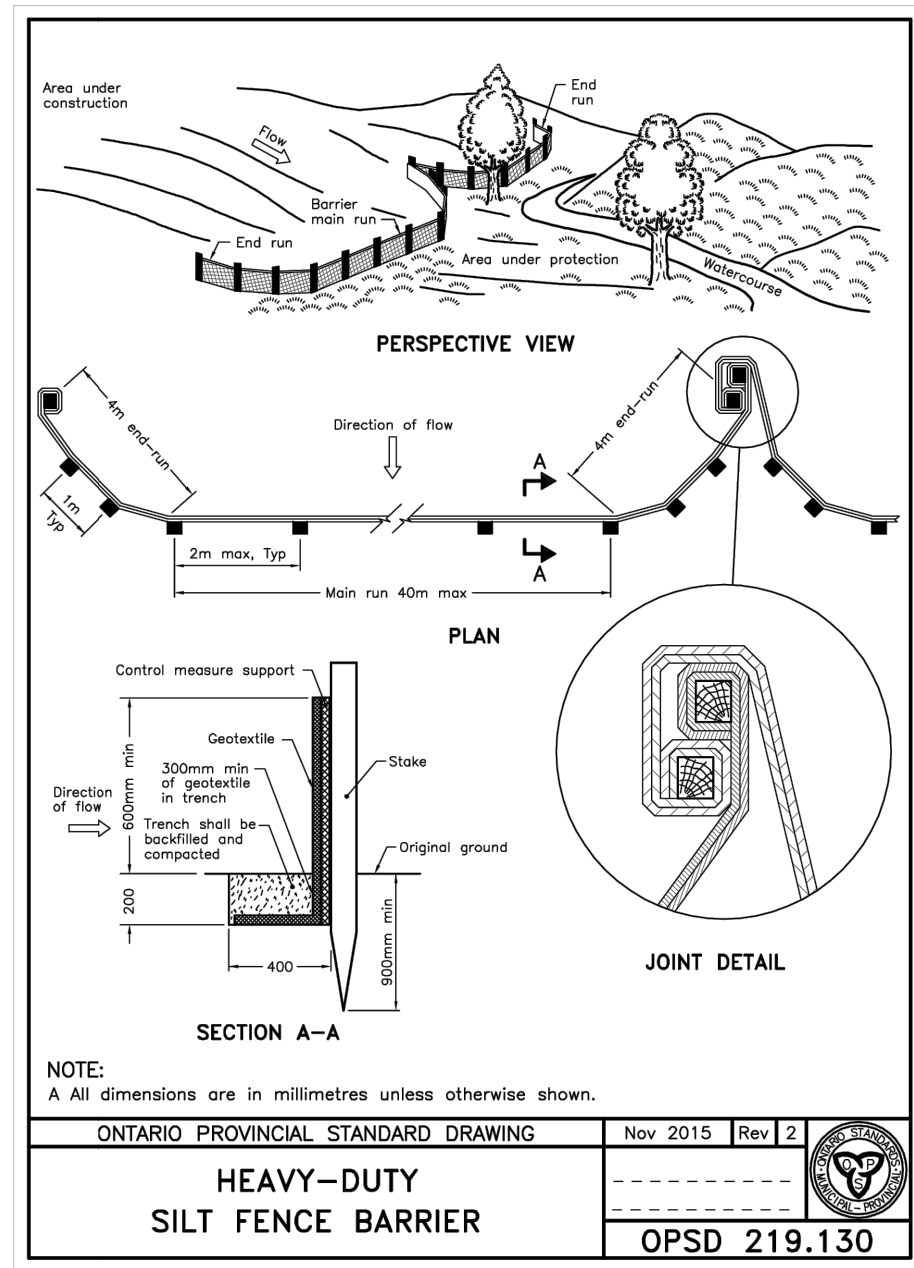
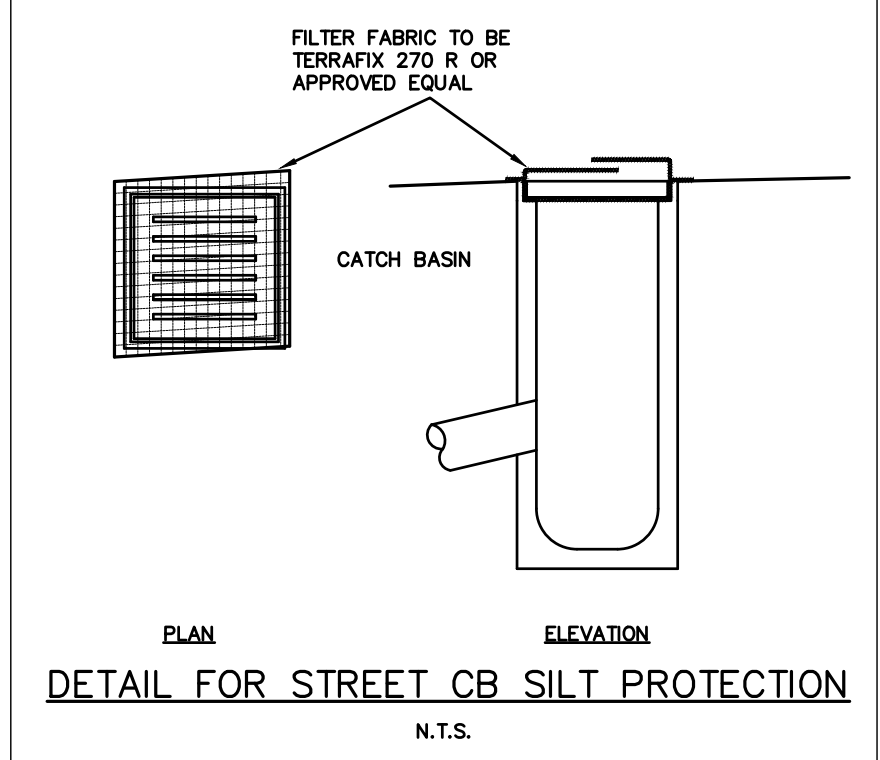
CONDELAND
 CONSULTING ENGINEERS & PROJECT MANAGERS
 350 Creditstone Road, Unit 200 P: (905) 695-2096
 Concord, Ontario L4K 3Z2 F: (905) 695-2099



POST-DEVELOPMENT STORM TRIBUTARY PLAN

DESIGNED BY: J.K.	DATE: SEPTEMBER 2022	CHECKED BY: M.H.
DRAWN BY: V.B./M.A.	DRAWING NO. 19-047 - 04	CITY FILE:
SCALE 1:200	Sheet: 04 OF 5	

- NOTES:
1. SILTATION CONTROL, FENCING, CONSTRUCTION MUD-MAT TO BE INSTALLED PRIOR TO ANY CONSTRUCTION ON SITE.
 2. THE REGULAR INSPECTIONS SHOULD BE OCCURRING DURING ALL CONSTRUCTION STAGES. INSPECTION OF ALL SILTATION AND EROSION CONTROL DEVICES IS REQUIRED DURING EARTHWORKS, UNDERGROUND SERVING, ROAD CONSTRUCTION AND BUILDING. COPY OF INSPECTION REPORT SHOULD BE SUBMITTED TO THE CITY GRADING & MUNICIPAL INSPECTION SECTION OF THE ENGINEERING DEPARTMENT.
 - 2.1. WEEKLY, AFTER EVERY RAINFALL EVENT.
 - 2.2. AFTER SIGNIFICANT SNOWMELT EVENT.
 - 2.3. DAILY DURING EXTENDED RAIN OR SNOWMELT EVENT.
 3. ALL REPAIRS TO BE COMPLETED WITHIN 48 HOURS OF NOTIFICATION BY BUILDER/CONTRACTOR.
 4. VEHICLE TRACKING CONTROL/MUD MATS MUST BE MADE TO PREVENT THE TRANSPORT OF SEDIMENT ONTO THE PAVED SURFACE.
 - 4.1. THE MAT SHOULD BE UNDERLINED WITH GEOTEXTILE.
 - 4.2. THE GRANULAR MATERIAL WILL REQUIRE PERIODIC REPLACEMENT.
 5. INTERCEPTOR SWALES TO BE CONSTRUCTED AS PER LAYOUT ON THIS DRAWING. SWALES SHOULD BE COMPACTED AND CONSTRUCTED WITH MAX. 2:1 SIDE SLOPES. RIP-RAP STABILIZATION REQUIRED AT THE OUTLET.
 6. EROSION CONTROL MATS TO BE APPLIED TO CONVEYANCE SWALE AND DITCHES.
 7. ALL FILL MATERIAL TO BE CLEAN AND FREE OF TRASH, RUBBISH, GLASS, LIQUID OR TOXIC CHEMICALS OR GARBAGE MATERIALS.
 8. DURING CONSTRUCTION, ALL CATCHBASINS SHALL BE PROVIDED WITH SEDIMENT CONTROL AND THIS SHALL BE RETAINED UNTIL ASSUMPTION.
 9. CATCHBASINS SHALL BE CLEANED AS A MINIMUM AT LEAST ONCE BEFORE BASE COURSE ASPHALT IS APPLIED AND JUST PRIOR TO ASSUMPTION OF THE SUBDIVISION.



- TOPOGRAPHIC SURVEY OF PART OF LOT 107 CONCESSION 1, W.P.R. GEOGRAPHIC TOWNSHIP OF TINY NOW IN THE TOWN OF MIDLAND COUNTY OF SIMCOE
- LEGEND
- 215.93 EXISTING ELEVATION
 - LS* EXIST. LIGHT STANDARD
 - BP EXIST. TELEPHONE POLE
 - HP EXIST. HYDRO POLE
 - SIB STANDARD IRON BAR
 - W EXIST. WATER METER LOCATION
 - G EXIST. GAS METER LOCATION
 - SILT FENCE
 - SILT PROTECTION FOR STREET CB'S
 - MUD-MAT

BENCHMARK
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EROSION SEDIMENTATION AND SEDIMENTATION CONTROL PLAN

DESIGNED BY: J.K.	DATE: SEPTEMBER 2022	CHECKED BY: M.H.
DRAWN BY: V.B./M.A.	DRAWING NO. 19-047 - 05	CITY FILE:
SCALE 1:200	Sheet: 05 OF 5	