

629 HURONTARIO STREET

TOWN OF
COLLINGWOOD
COUNTY OF SIMCOE



MUNICIPALITY

TOWN OF COLLINGWOOD
97 HURONTARIO STREET – P.O BOX 157
COLLINGWOOD, ONTARIO, L9Y 3Z5

DEVELOPER

DR. SUSAN O'TOOLE
6075 27/28 NOTTAWASAGA SIDEROAD
STAYNER, ONTARIO, L0M 1S0

ENGINEER/LANDSCAPE ARCHITECT

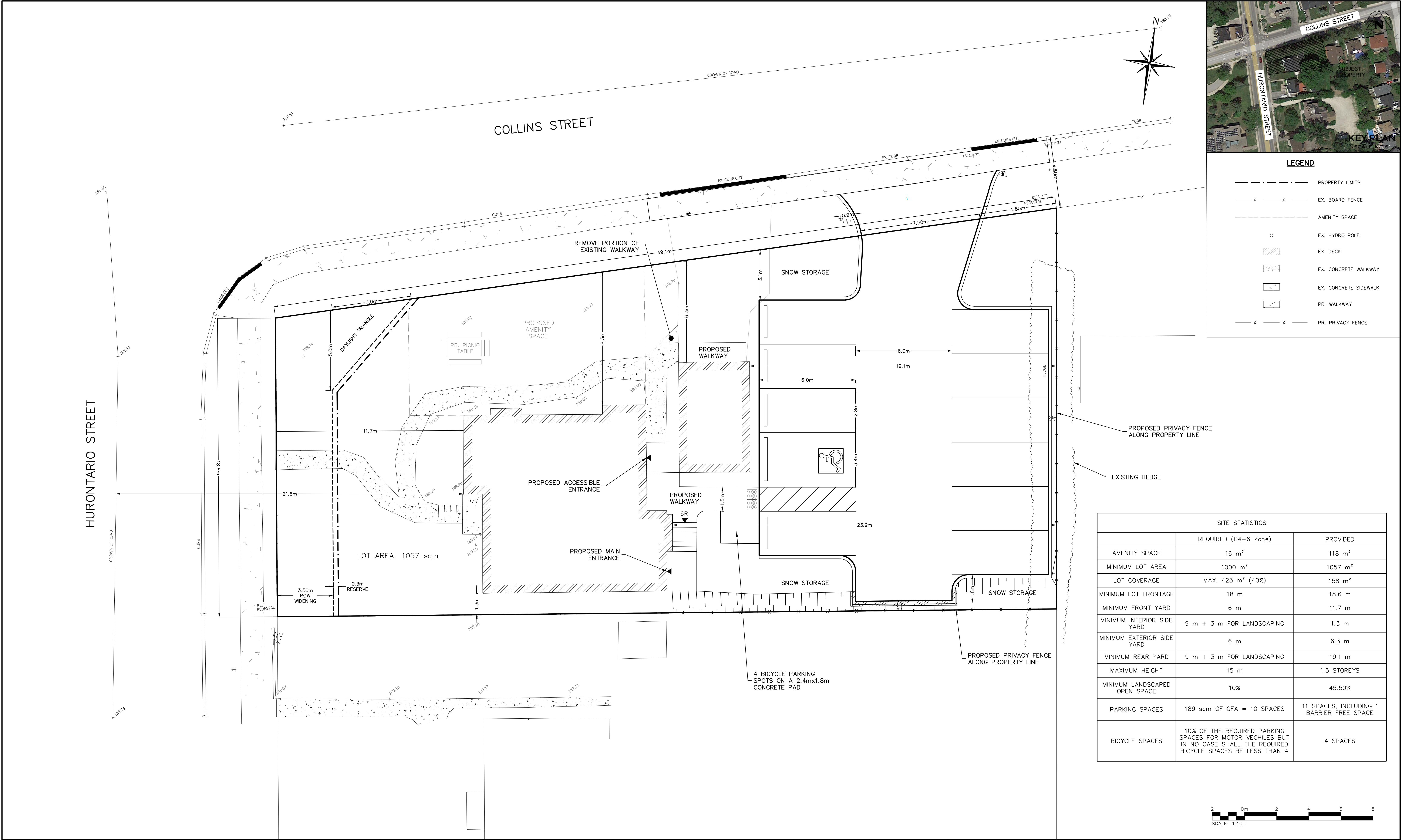


70 HURON STREET, SUITE 100
COLLINGWOOD, ON, L9Y 4L4
705-446-3510
WWW.CFCROZIER.CA

SHEET NUMBER	SHEET TITLE
C101	SITE PLAN
C102	REMOVALS AND EROSION & SEDIMENT CONTROL PLAN
C103	SERVICING PLAN
C104	GRADING PLAN
C105	STANDARD NOTES AND DETAILS
C106	STANDARD NOTES AND DETAILS
E100	SITE PLAN – PHOTOMETRIC
E101	SITE LIGHTING DETAILS
LP-1	LANDSCAPE PLAN
LD-1	LANDSCAPE DETAILS

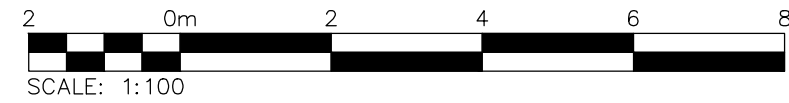
MASTER LEGEND	
EXISTING FEATURES (EX.)	
	EX. PROPERTY LIMITS
	EX. CONTOUR
	EX. GRADE
	EX. TREELINE
	EX. WATERCOURSE
	EX. DITCH
	EX. WATERMAIN
	EX. WATER SERVICE
	EX. FIRE HYDRANT & VALVE
	EX. SANITARY SEWER & MANHOLE
	EX. SANITARY FORCEMAIN
	EX. SANITARY SERVICE
	EX. STORM SEWER & MANHOLE
	EX. STORM CATCHBASIN
	EX. STORM DOUBLE CATCHBASIN
	EX. STORM CATCHBASIN MANHOLE
	EX. STORM DOUBLE CATCHBASIN MANHOLE
	EX. GAS MAIN
	EX. BELL LINE
	EX. BELL PEDESTAL
	EX. CABLE TELEVISION PEDESTAL
	EX. HYDRO POLE
	EX. LIGHT STANDARD
	EX. SIGN
	EX. BUILDING
	EX. BENCHMARK NUMBER & LOCATION
	EX. BOREHOLE NUMBER & LOCATION
	EX. CONCRETE WALKWAY
	EX. CONCRETE SIDEWALK
	EX. SANITARY SERVICE LATERAL
	EX. WATER SERVICE LATERAL
	EX. CATCHBASIN
	EX. STORM SEWER
PROPOSED FEATURES (PR.)	
	PR. PROPERTY LIMITS
	PR. ELEVATION
	PR. ELEVATION (MATCH EX. ELEVATION)
	PR. SWALE & SLOPE
	PR. TOP OF CURB
	PR. BOTTOM OF CURB
	PR. DITCH DRAINAGE
	PR. WATERMAIN & VALVE
	PR. WATER SERVICE
	PR. FIRE HYDRANT & VALVE
	PR. WATER VALVE CHAMBER
	PR. WATER QUALITY TESTING STATION
	PR. SANITARY SEWER & MANHOLE
	PR. SANITARY FORCEMAIN
	PR. SANITARY SERVICE
	PR. SANITARY CATCHMENT
	PR. CATCHMENT AREA ID
	PR. AREA (ha)
	PR. POPULATION (3.5 p.p.u.)
	PR. STORM SEWER & MANHOLE
	PR. CATCHBASIN
	PR. DOUBLE CATCHBASIN
	PR. CATCHBASIN MANHOLE
	PR. DOUBLE CATCHBASIN MANHOLE
	PR. STORM CATCHMENT
	PR. CATCHMENT AREA ID
	PR. RUNOFF COEFFICIENT
	PR. DRAINAGE AREA (ha)
	PR. CURB CUT
	PR. CANADA POST COMMUNITY MAIL BOX
	PR. TRANSFORMER
	PR. STOP SIGN
	PR. NAME SIGN
	PR. NO PARKING SIGN
	PR. ACCESSIBLE PARKING RB-93
	PR. FENCE
	PR. BUILDING ENVELOPE
	PR. LIGHT DUTY SILT FENCE
	PR. HEAVY DUTY SILT FENCE
	PR. STRAW BALE CHECK FLOW
	PR. ROCK CHECK DAM
	PR. SLOPE (3:1 MAX.)
	PR. TREE PRESERVATION AREA
	PR. TOPSOIL STOCKPILE LOCATION
	PR. WALKWAY
	PR. BICYCLE PARKING
	PR. ACCESSIBLE PARKING
	PR. TACTILE PLATE

PROJECT No.: 2361-7140
2ND SPA SUBMISSION



LEGEND	
	PROPERTY LIMITS
	EX. BOARD FENCE
	AMENITY SPACE
	EX. HYDRO POLE
	EX. DECK
	EX. CONCRETE WALKWAY
	EX. CONCRETE SIDEWALK
	PR. WALKWAY
	PR. PRIVACY FENCE

SITE STATISTICS		
	REQUIRED (C4-6 Zone)	PROVIDED
AMENITY SPACE	16 m ²	118 m ²
MINIMUM LOT AREA	1000 m ²	1057 m ²
LOT COVERAGE	MAX. 423 m ² (40%)	158 m ²
MINIMUM LOT FRONTAGE	18 m	18.6 m
MINIMUM FRONT YARD	6 m	11.7 m
MINIMUM INTERIOR SIDE YARD	9 m + 3 m FOR LANDSCAPING	1.3 m
MINIMUM EXTERIOR SIDE YARD	6 m	6.3 m
MINIMUM REAR YARD	9 m + 3 m FOR LANDSCAPING	19.1 m
MAXIMUM HEIGHT	15 m	1.5 STOREYS
MINIMUM LANDSCAPED OPEN SPACE	10%	45.50%
PARKING SPACES	189 sqm OF GFA = 10 SPACES	11 SPACES, INCLUDING 1 BARRIER FREE SPACE
BICYCLE SPACES	10% OF THE REQUIRED PARKING SPACES FOR MOTOR VEHICLES BUT IN NO CASE SHALL THE REQUIRED BICYCLE SPACES BE LESS THAN 4	4 SPACES



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3. THIS DRAWING IS TO BE READ AND UNDERSTOOD IN CONJUNCTION WITH ALL OTHER PLANS AND DOCUMENTS APPLICABLE TO THIS PROJECT.

4. ALL EXISTING UNDERGROUND UTILITIES TO BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO CONSTRUCTION.

5. DO NOT SCALE DRAWINGS.

TEMPORARY BENCHMARKS

TBM#1-CUT CROSS IN SIDEWALK ELEVATION (188.74m)

SURVEY BY VAN HARTEN SURVEYING INC. (DECEMBER 2022)

Town

No.	ISSUE	DATE: YYYY/MM/DD
0	ISSUED FOR 1ST SUBMISSION (OPA/ZBA)	2023/08/23
1	ISSUED FOR 1ST SUBMISSION (SPA)	2024/07/26
2	ISSUED FOR 2ND SUBMISSION (SPA)	2024/10/18

Engineer

Engineer

Project

629 HURONTARIO STREET
TOWN OF COLLINGWOOD

Drawing

SITE PLAN

Drawn By

D.K.

Design By

D.K./G.C.

Project

2361-7140

Check By

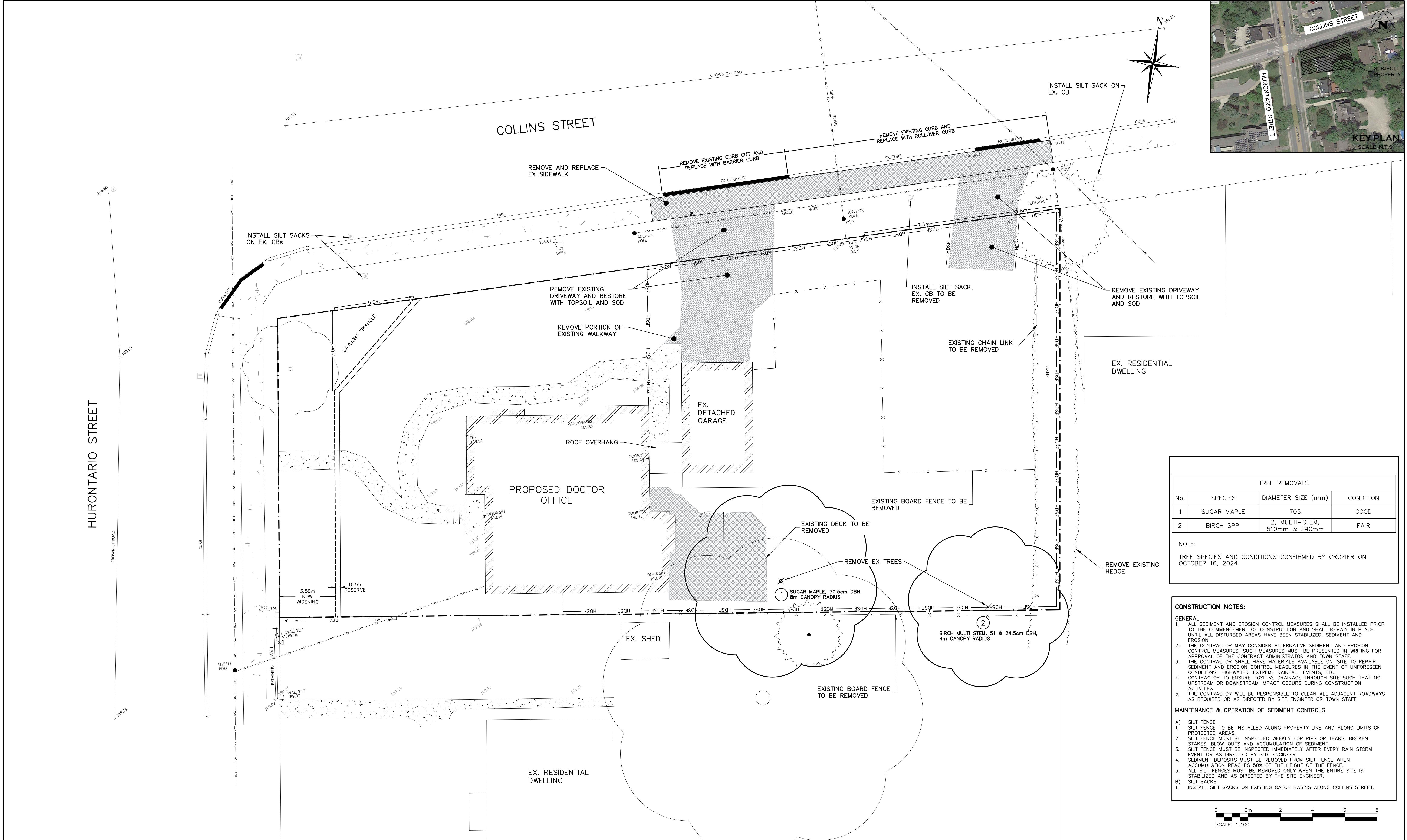
G.C.

Drawn

J.K.

Drawing

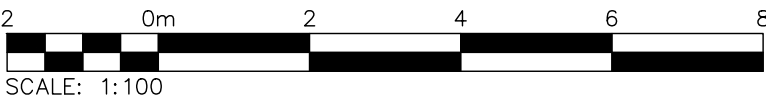
C101



TREE REMOVALS			
No.	SPECIES	DIAMETER SIZE (mm)	CONDITION
1	SUGAR MAPLE	705	GOOD
2	BIRCH SPP.	2, MULTI-STEM, 510mm & 240mm	FAIR

NOTE:
TREE SPECIES AND CONDITIONS CONFIRMED BY CROZIER ON OCTOBER 16, 2024

- CONSTRUCTION NOTES:**
- GENERAL**
- ALL SEDIMENT AND EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO THE COMMENCEMENT OF CONSTRUCTION AND SHALL REMAIN IN PLACE UNTIL ALL DISTURBED AREAS HAVE BEEN STABILIZED. SEDIMENT AND EROSION.
 - THE CONTRACTOR MAY CONSIDER ALTERNATIVE SEDIMENT AND EROSION CONTROL MEASURES. SUCH MEASURES MUST BE PRESENTED IN WRITING FOR APPROVAL OF THE CONTRACT ADMINISTRATOR AND TOWN STAFF.
 - THE CONTRACTOR SHALL HAVE MATERIALS AVAILABLE ON-SITE TO REPAIR SEDIMENT AND EROSION CONTROL MEASURES IN THE EVENT OF UNFORESEEN CONDITIONS: HIGHWATER, EXTREME RAINFALL EVENTS, ETC.
 - CONTRACTOR TO ENSURE POSITIVE DRAINAGE THROUGH SITE SUCH THAT NO UPSTREAM OR DOWNSTREAM IMPACT OCCURS DURING CONSTRUCTION ACTIVITIES.
 - THE CONTRACTOR WILL BE RESPONSIBLE TO CLEAN ALL ADJACENT ROADWAYS AS REQUIRED OR AS DIRECTED BY SITE ENGINEER OR TOWN STAFF.
- MAINTENANCE & OPERATION OF SEDIMENT CONTROLS**
- A) SILT FENCE**
- SILT FENCE TO BE INSTALLED ALONG PROPERTY LINE AND ALONG LIMITS OF PROTECTED AREAS.
 - SILT FENCE MUST BE INSPECTED WEEKLY FOR RIPS OR TEARS, BROKEN STAKES, BLOW-OUTS AND ACCUMULATION OF SEDIMENT.
 - SILT FENCE MUST BE INSPECTED IMMEDIATELY AFTER EVERY RAIN STORM EVENT OR AS DIRECTED BY SITE ENGINEER.
 - SEDIMENT DEPOSITS MUST BE REMOVED FROM SILT FENCE WHEN ACCUMULATION REACHES 50% OF THE HEIGHT OF THE FENCE.
 - ALL SILT FENCES MUST BE REMOVED ONLY WHEN THE ENTIRE SITE IS STABILIZED AND AS DIRECTED BY THE SITE ENGINEER.
- B) SILT SACKS**
- INSTALL SILT SACKS ON EXISTING CATCH BASINS ALONG COLLINS STREET.



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6. DO NOT SCALE DRAWINGS.

TEMPORARY BENCHMARKS

TBM#1-CUT CROSS IN SIDEWALK - ELEV. 188.74m

LEGAL AND TOPOGRAPHIC SURVEY BY VAN HARTEN SURVEYING INC. (DECEMBER 5, 2022)

Town

No.	ISSUE	DATE: YYYY/MM/DD
1	ISSUED FOR 1st SUBMISSION (SPA)	2024/07/26
2	ISSUED FOR 2ND SUBMISSION (SPA)	2024/10/18

Engineer

Engineer

Project

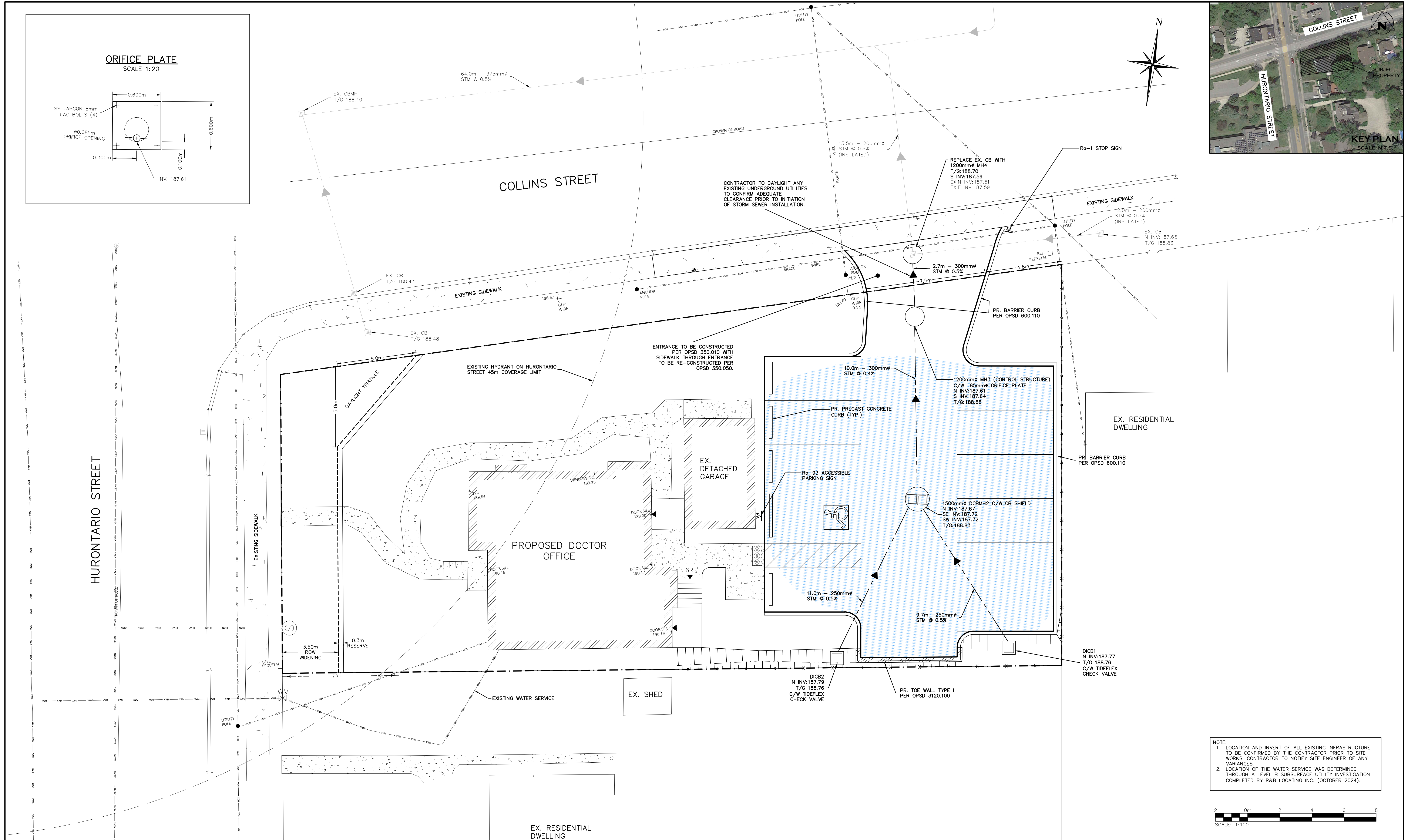
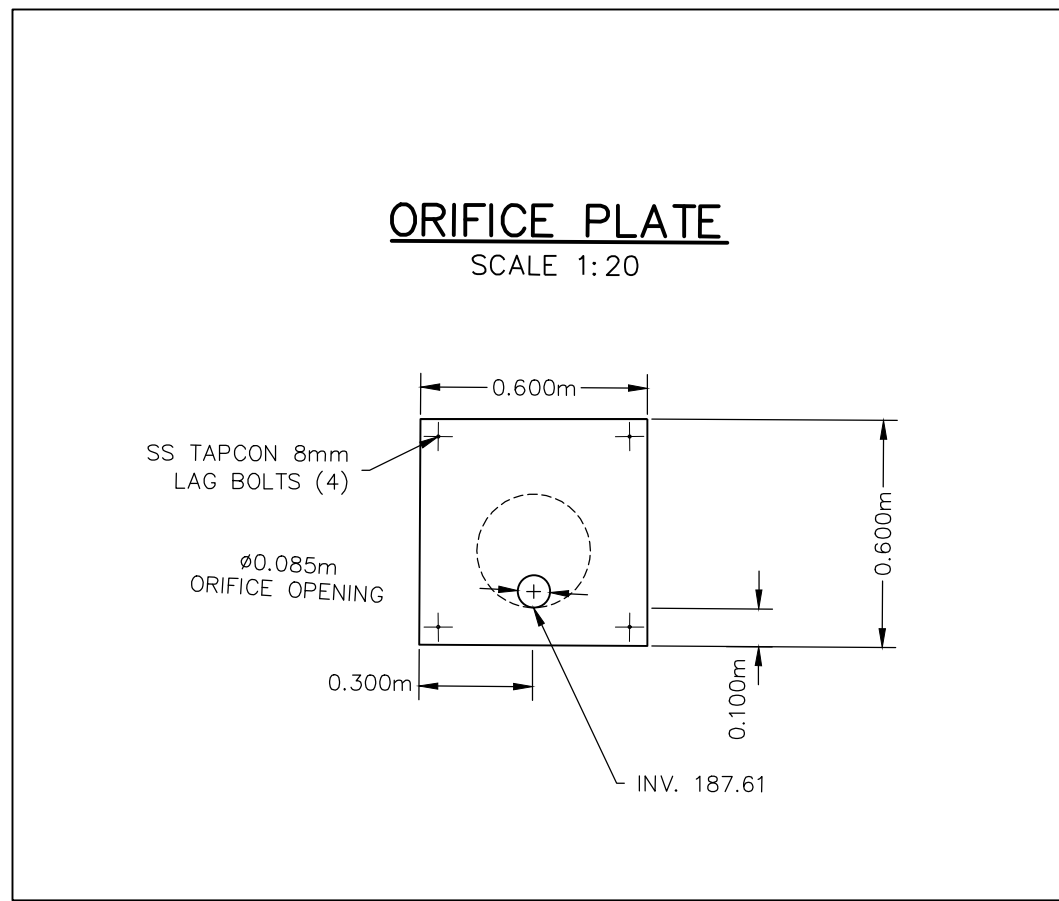
629 HURONTARIO STREET
TOWN OF COLLINGWOOD

Drawing

REMOVALS AND EROSION & SEDIMENT CONTROL
PLAN

CROZIER
CONSULTING ENGINEERS

Drawn By	M.R./D.K.	Design By	D.K./G.C.	Project	2361-7140
Check By	G.C.	Check By	J.K.	Drawing	C102



NOTE:
1. LOCATION AND INVERT OF ALL EXISTING INFRASTRUCTURE TO BE CONFIRMED BY THE CONTRACTOR PRIOR TO SITE WORKS. CONTRACTOR TO NOTIFY SITE ENGINEER OF ANY VARIANCES.
2. LOCATION OF THE WATER SERVICE WAS DETERMINED THROUGH A LEVEL B SUBSURFACE UTILITY INVESTIGATION COMPLETED BY R&B LOCATING INC. (OCTOBER 2024).



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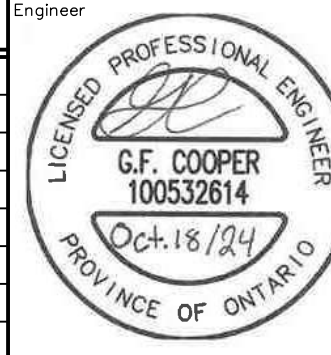
TEMPORARY BENCHMARKS
TBM#1-CUT CROSS IN SIDEWALK - ELEV. 188.74m
LEGAL AND TOPOGRAPHIC SURVEY BY VAN HARTEN SURVEYING INC. (DECEMBER 5, 2022)

Town

EX. RESIDENTIAL DWELLING

No.	ISSUE	DATE: YYYY/MM/DD
1	ISSUED FOR 1st SUBMISSION (SPA)	2024/07/26
2	ISSUED FOR 2ND SUBMISSION (SPA)	2024/10/18

Engineer



Project

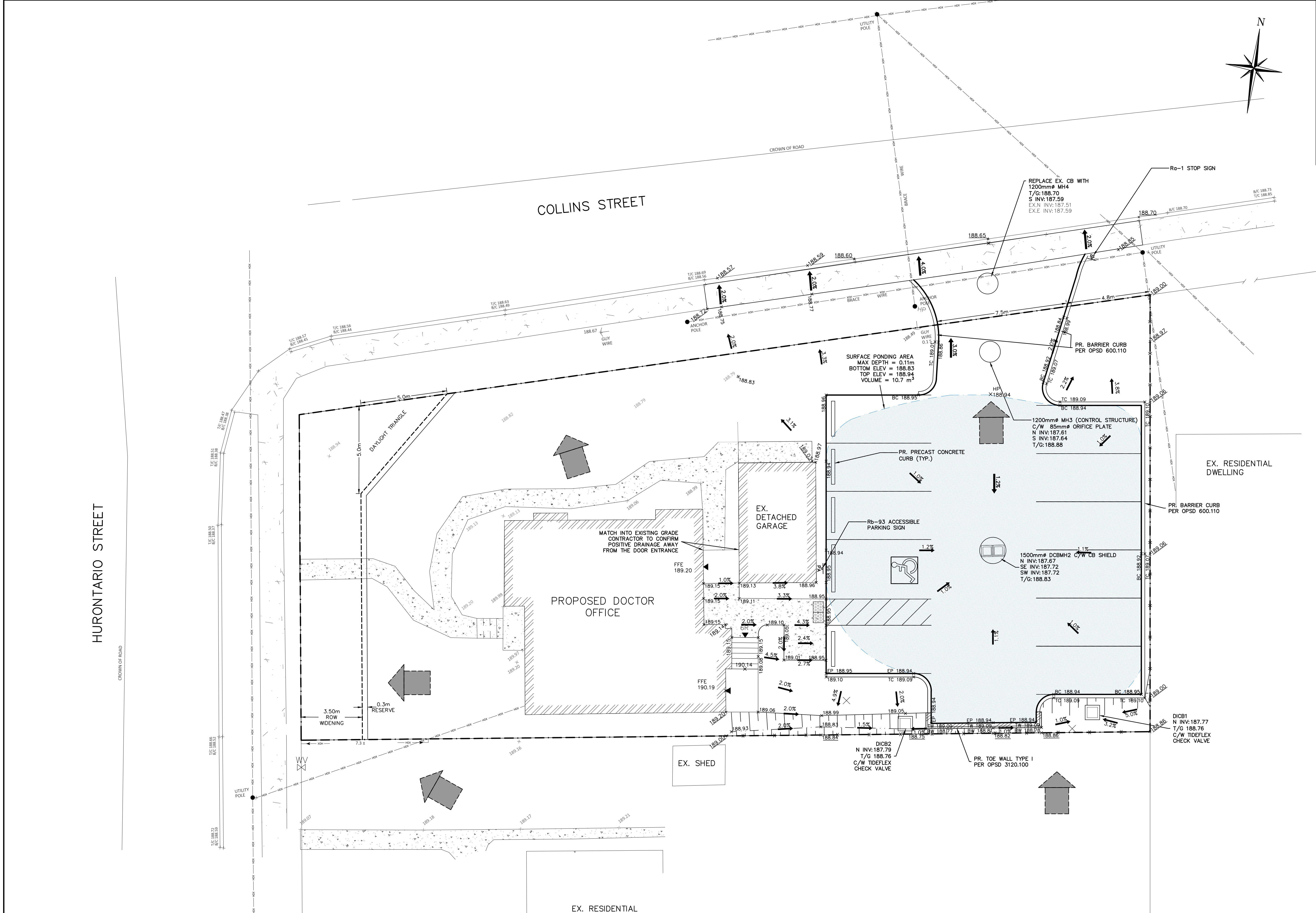
629 HURONTARIO STREET
TOWN OF COLLINGWOOD

Drawing

SERVICING PLAN

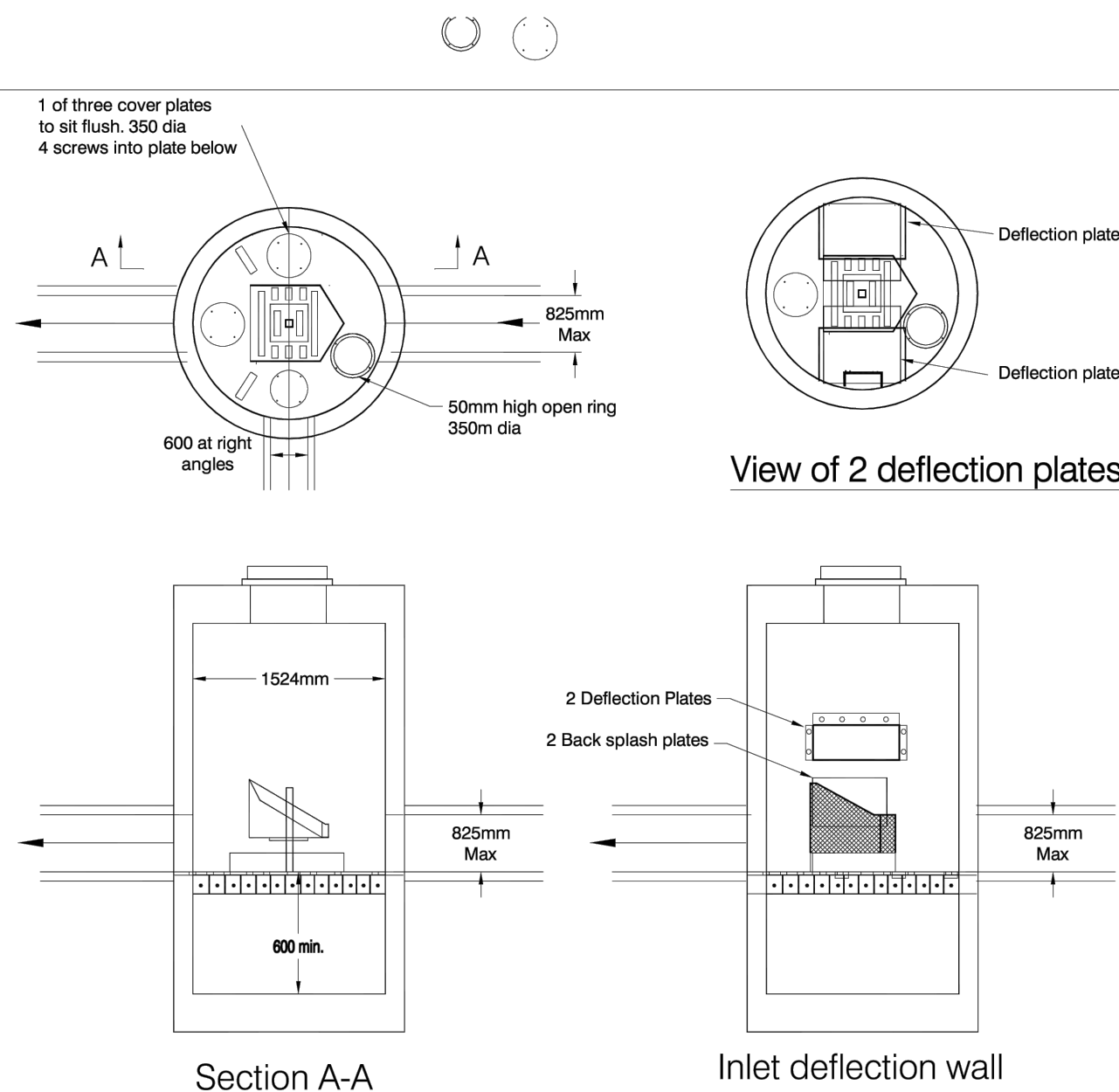


Drawn By: M.R./D.K. Design By: D.K./G.C. Project: 2361-7140
Check By: G.C. Check By: J.K. Drawing: C103



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DCBMH Shield-1500mm Centre insert Shop dwg

To be attached during installation
Location is opposite of deflection plate

Back splash plate

top view

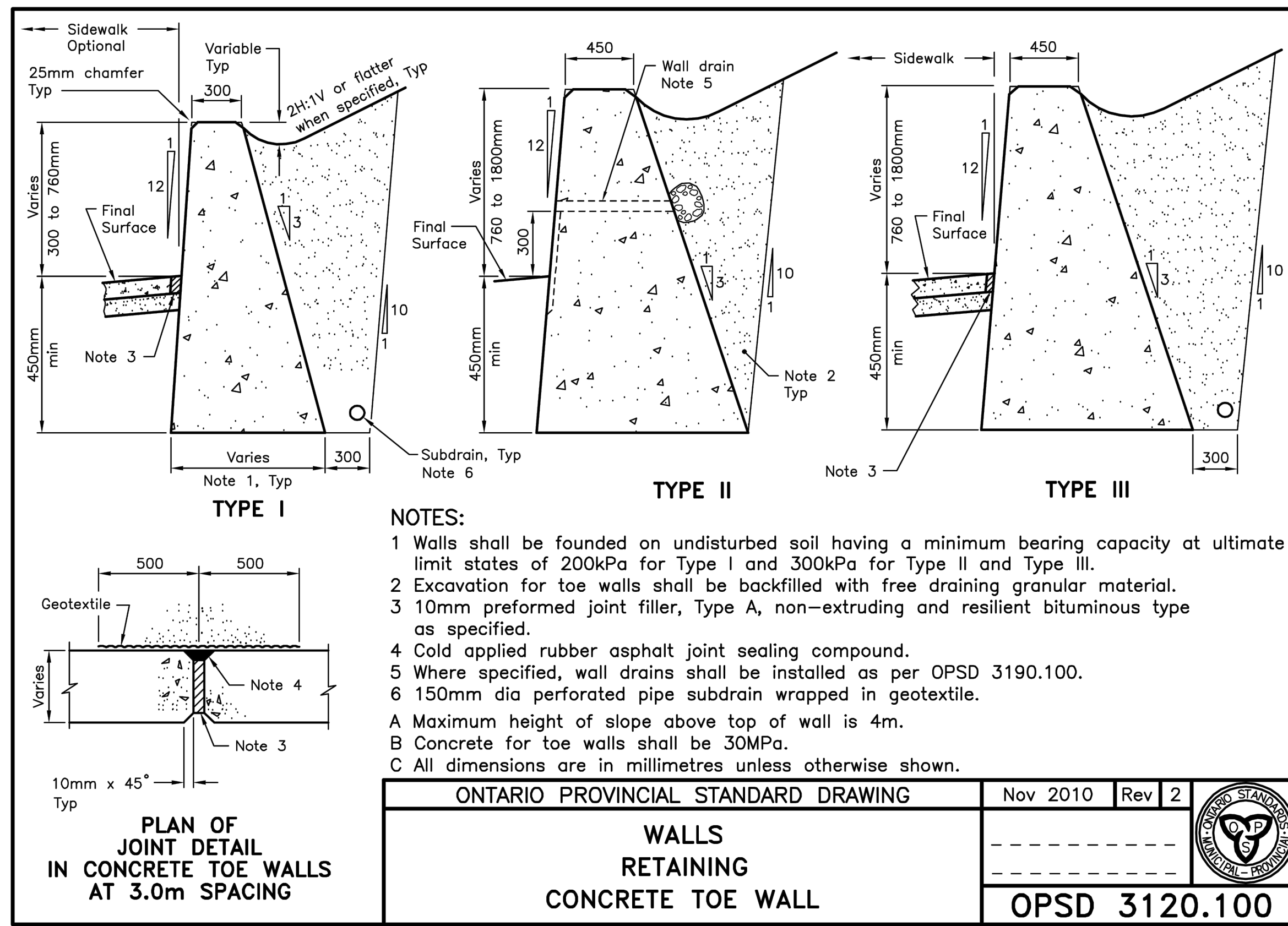
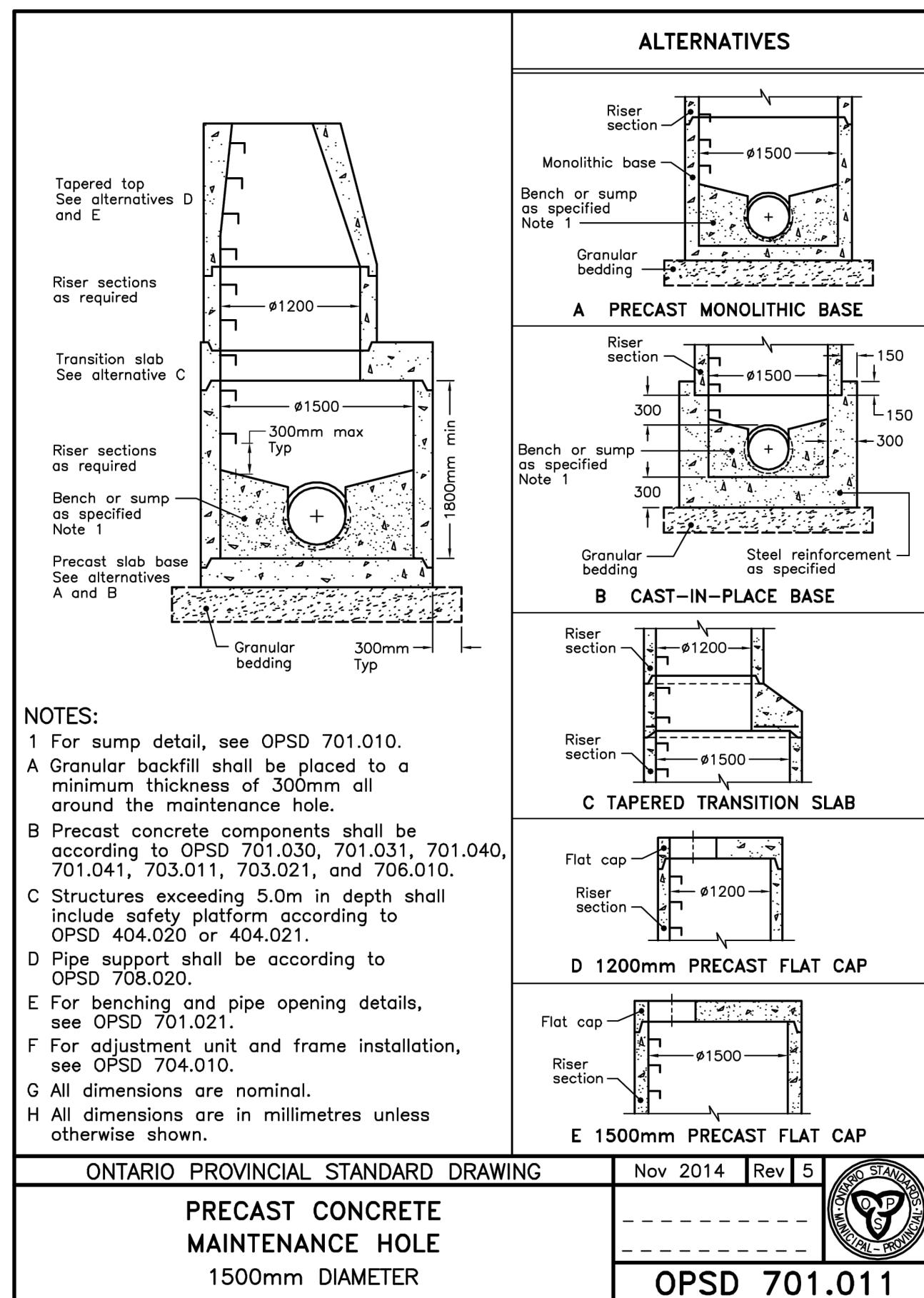
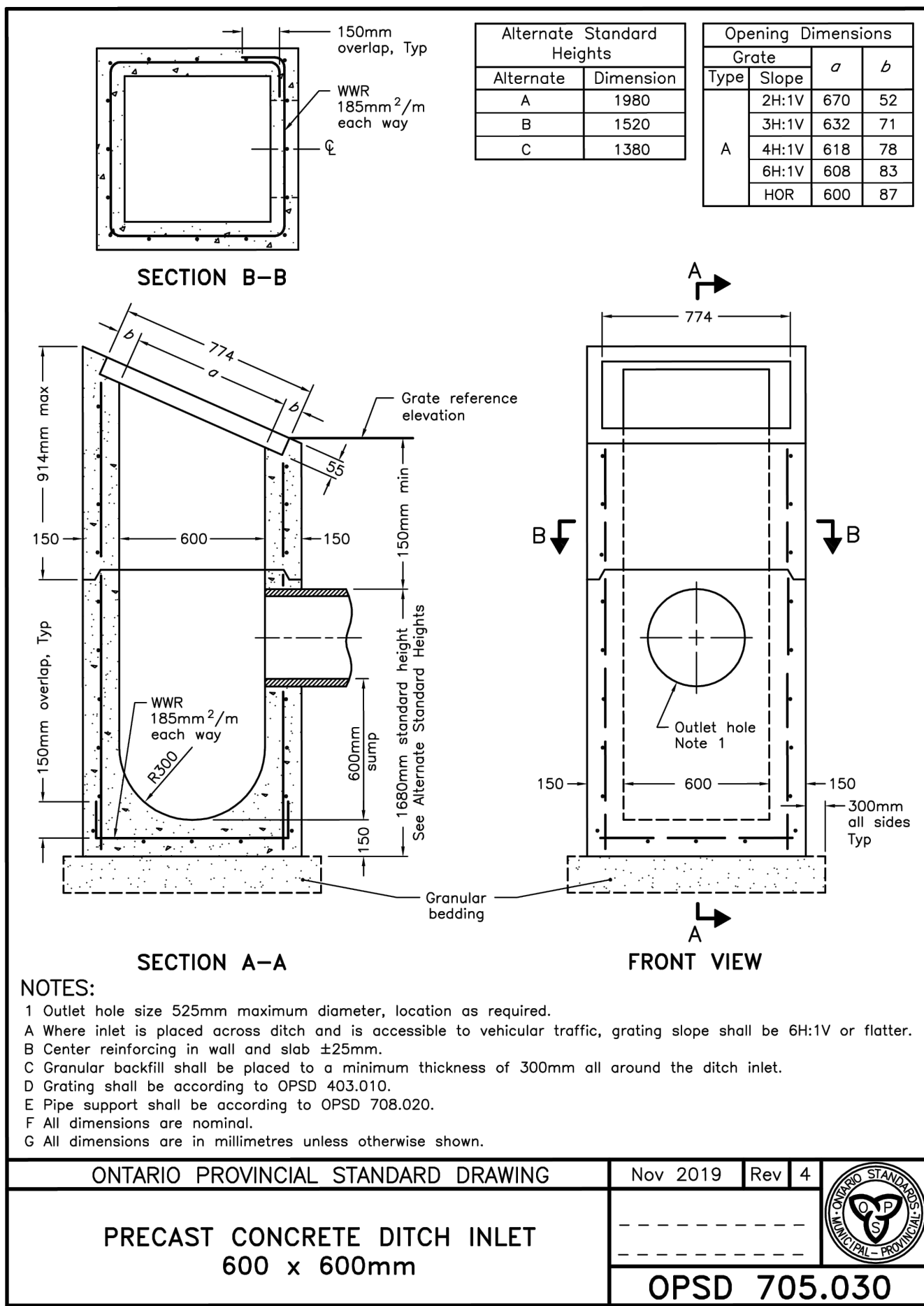
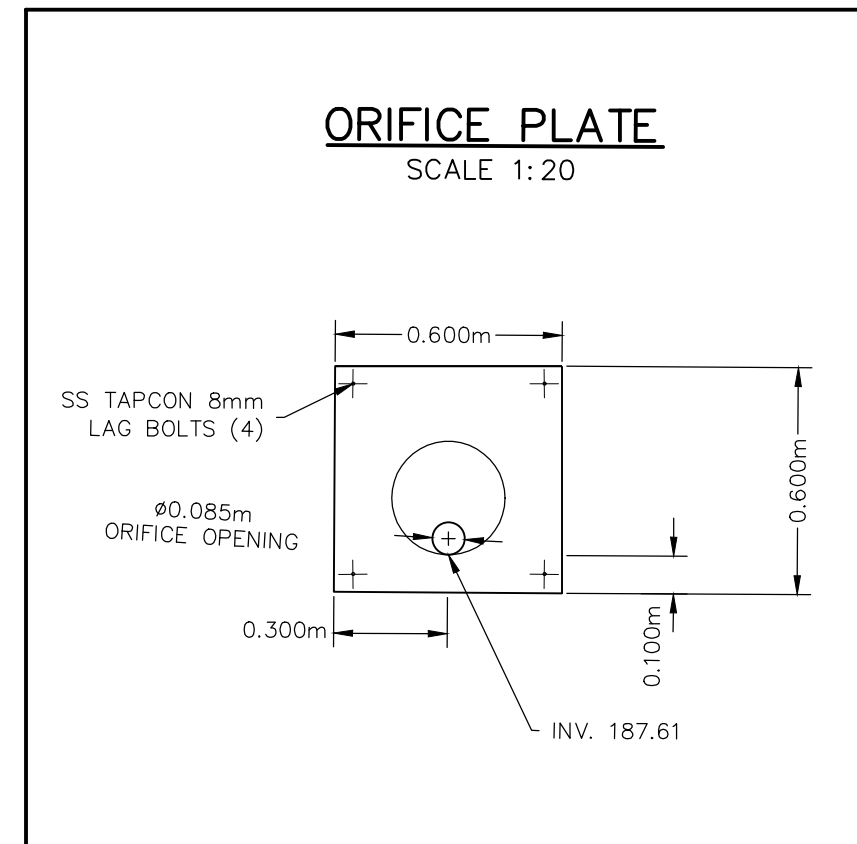
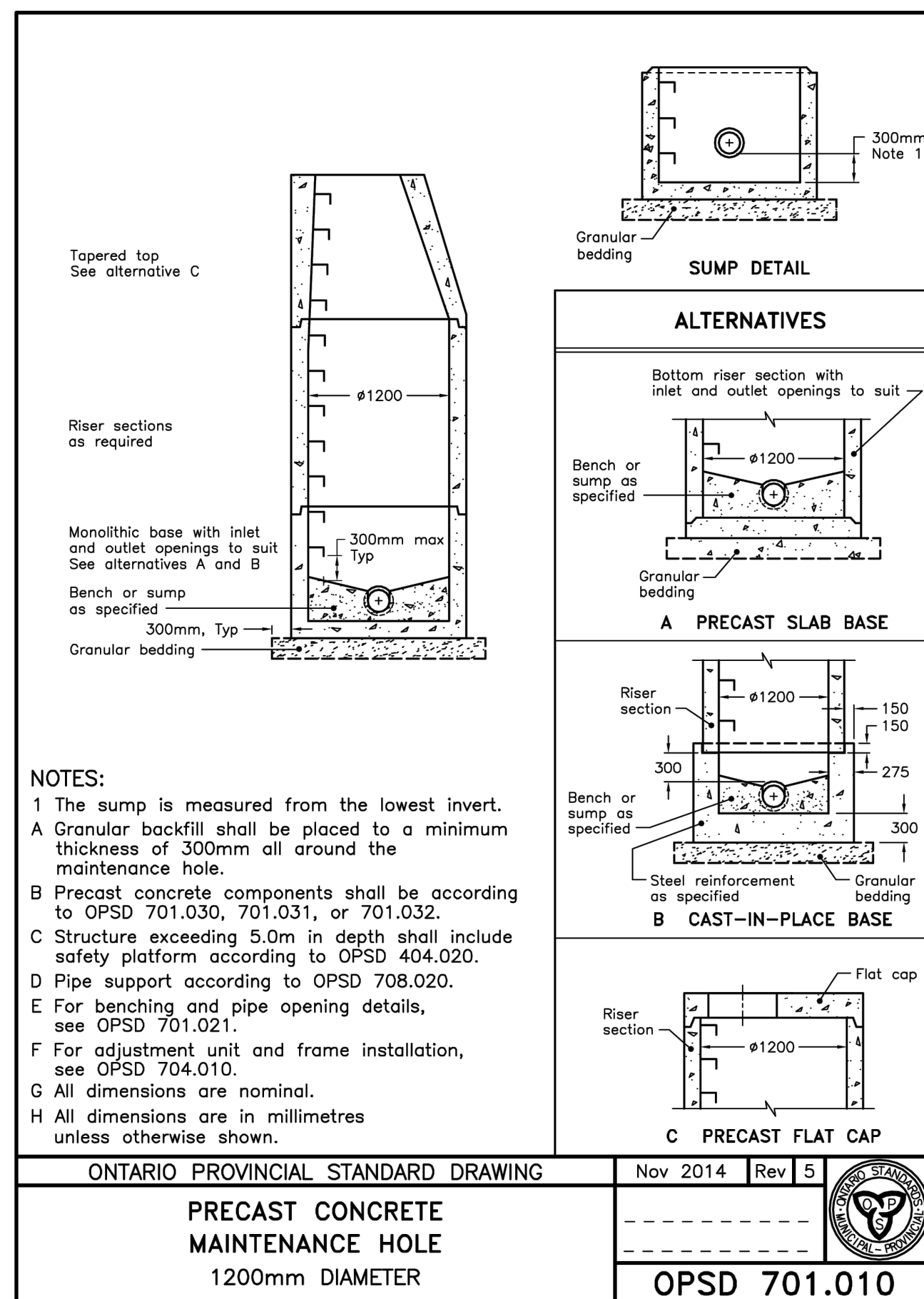
back view

front view

side view

2 Deflection plate details

FOR INFORMATION PURPOSES ONLY, CONTRACTOR TO PROVIDE SHOP DRAWINGS STAMPED BY A LICENCED PROFESSIONAL ENGINEER IN THE PROVINCE OF ONTARIO



CONSTRUCTION NOTES

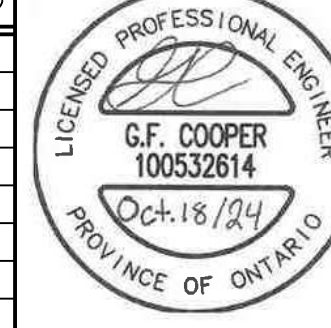
- A) GENERAL — CONSTRUCTION
- ALL WORK TO BE CARRIED OUT IN ACCORDANCE WITH TOWN OF COLLINGWOOD STANDARDS (2007), OPSD AND OPSS. WHERE CONFLICT OCCURS, TOWN OF COLLINGWOOD STANDARDS (2007) TO GOVERN.
 - TRENCH BACKFILL (OPSD 802.010 & 802.013) TO BE SELECT NATIVE MATERIAL OR IMPORTED SELECT SUBGRADE TO OPSD 1010, BACKFILL TO BE PLACED IN MAXIMUM 200mm THICK LIFTS AND COMPACTED TO 95% OF THE MATERIAL'S STANDARD PROCTOR MAXIMUM DRY DENSITY (SPMD).
 - PIPE COVER AND BEDDING TO BE GRANULAR 'A'. MINIMUM 150mm DEPTH COMPACTED TO A MINIMUM 95% SPMD.
 - ALL TOPSOIL AND EARTH EXCAVATION TO BE STOCK PILED OR REMOVED TO AN APPROVED SITE AS DIRECTED BY ENGINEER.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DETAILED LAYOUT OF THE WORK. THE OWNER'S ENGINEER WILL CONFIRM ALL BENCH MARK ELEVATIONS AND HORIZONTAL ALIGNMENT FOR THE CONTRACTOR.
 - ALL PROPERTY BARS TO BE PRESERVED AND REPLACED BY O.L.S. AT CONTRACTOR'S EXPENSE IF REMOVED DURING CONSTRUCTION.
 - THE CONTRACTOR SHALL MAKE HIS OWN ARRANGEMENTS FOR THE SUPPLY OF TEMPORARY WATER AND POWER.
 - DEWATERING TO BE CARRIED OUT IN ACCORDANCE WITH OPSS-517 AND 518 TO MAINTAIN ALL TRENCHES IN A DRY CONDITION.
 - ALL ENGINE DRIVEN PUMPS TO BE ADEQUATELY SILENCED, SUITABLE FOR OPERATION IN A RESIDENTIAL DISTRICT.
 - DISTURBED AREAS OUTSIDE THE PROJECT LIMITS TO BE REHABILITATED TO PREVIOUS CONDITION OR BETTER.
 - THE CONTRACTOR IS RESPONSIBLE TO NOTIFY ALL UTILITY COMPANIES PRIOR TO COMMENCING WORK AND CO-ORDINATE CONSTRUCTION ACCORDINGLY.
 - ALL ROCK EXCAVATION PER OPSS-206.
 - ALL EXCAVATION MUST BE CARRIED OUT IN FULL COMPLIANCE WITH MOST RECENT GUIDELINES OF OHSA.
- B) PARKING LOT AND ENTRANCES
- SUBGRADE TO BE COMPACTED TO A MINIMUM DRY DENSITY OF AT LEAST 95% SPMD.
 - SUBGRADE TO BE PROOF ROLLED AND CERTIFIED PRIOR TO PLACING GRANULAR 'B'.
 - GRANULAR 'A' AND 'B' BASE MATERIALS TO BE COMPACTED TO 100% OF THE MATERIAL'S RESPECTIVE SPMD AND PLACED IN MAX. 150mm LIFTS.
 - REFER TO PAVEMENT STRUCTURE DETAILS FOR INTERNAL ROADWAY, DRIVEWAYS AND PARKING AREAS.
 - SELECT SUBGRADE MATERIAL, OR IMPORTED GRANULAR MATERIAL APPROVED BY THE ENGINEER, COMPACTED TO 98% SPMD TO BE USED AS FILL IN ALL AREAS WHERE PROPOSED PIPE INVERTS ARE HIGHER THAN EXISTING GRADE OR AS INSTRUCTED BY THE ENGINEER.
 - ALL GRANULARS AND ASPHALT MATERIALS PLACEMENT TO BE IN ACCORDANCE WITH OPSS 314 AND OPSS 310.
 - JOINTS WITH EXISTING ASPHALT TO BE SAW CUT STRAIGHT PRIOR TO PLACING NEW ASPHALT AND TACK COAT APPLIED TO EXISTING ASPHALT.
 - CONCRETE CURB TO OPSD 600.110 AND OPSS 353, CONCRETE CURB AND GUTTER TO OPSD 600.040 AND OPSS 353.
 - CONCRETE SIDEWALK TO OPSD 310.010, 310.030, 350.010 AND OPSS 351. SUBBASE TO CONSIST OF MIN. 150mm OF GRANULAR 'A' UNLESS THROUGH DRIVEWAYS.
- C) STORM SEWERS
- MH AND CBMH TO OPSD — 701.012, 701.030, 701.100, 704.010, C/W SUMP UNLESS NOTED OTHERWISE.
 - STEPS TO OPSD 405.010.
 - MH, FRAMES AND GRATES TO OPSD — 401.01 OPEN COVER.
 - CB'S TO OPSD — 705.010.
 - CB AND CBMH FRAMES AND GRATES TO OPSD — 400.020.
 - PIPE SUPPORT AT MH'S, CB'S, CBMH'S AND DCBMH'S TO DCBMH CAP OPSD — 703.021.
 - PROTECTION DURING CONSTRUCTION TO OPSD — 808.010.
 - BACKFILL AND EMBEDMENT TO OPSD — 802.010 (FLEXIBLE PIPE) GRANULAR 'A' EMBEDMENT OR OPSD — 802.030, 802.031 AND 802.032 (RIGID PIPE).
 - GRANULAR 'A' EMBEDMENT.
 - BACKFILL AND EMBEDMENT MATERIAL TO BE COMPACTED TO A DRY DENSITY OF AT LEAST 95% OF THE MATERIAL'S SPMD.
 - STORM SEWERS SHALL BE PVC SMOOTH WALL RIBBED PIPE MINIMUM STIFFNESS (320kPa). ALL PIPE TO BE JOINED WITH A GASKETED BELL AND SPIGOT SYSTEM. CATCHBASIN LEADS TO BE 250mmØ PVC PIPE (SDR-35).
- D) GENERAL — EROSION & SEDIMENT CONTROLS
- ALL SEDIMENT AND EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO THE COMMENCEMENT OF CONSTRUCTION AND SHALL REMAIN IN PLACE UNTIL ALL DISTURBED AREAS HAVE BEEN STABILIZED, SEDIMENT AND EROSION.
 - THE CONTRACTOR MAY CONSIDER ALTERNATIVE SEDIMENT AND EROSION CONTROL MEASURES. SUCH MEASURES MUST BE PRESENTED IN WRITING FOR APPROVAL OF THE CONTRACT ADMINISTRATOR AND TOWN STAFF.
 - THE CONTRACTOR SHALL HAVE MATERIALS AVAILABLE ON-SITE TO REPAIR SEDIMENT AND EROSION CONTROL MEASURES IN THE EVENT OF UNFORESEEN CONDITIONS: HIGHWATER, EXTREME RAINFALL EVENTS, ETC.
 - CONTRACTOR TO ENSURE POSITIVE DRAINAGE THROUGH SITE SUCH THAT NO UPSTREAM OR DOWNSTREAM IMPACT OCCURS DURING CONSTRUCTION ACTIVITIES.
 - THE CONTRACTOR WILL BE RESPONSIBLE TO CLEAN ALL ADJACENT ROADWAYS AS REQUIRED OR AS DIRECTED BY SITE ENGINEER OR TOWN STAFF.
- E) MAINTENANCE & OPERATION OF SEDIMENT CONTROLS
- A) SILT FENCE
 - SILT FENCE TO BE INSTALLED ALONG PROPERTY LINE AND ALONG LIMITS OF PROTECTED AREAS.
 - SILT FENCE MUST BE INSPECTED WEEKLY FOR RIPS, TEARS, BROKEN STAKES, BLOW-OUTS AND ACCUMULATION OF SEDIMENT.
 - SILT FENCE MUST BE INSPECTED IMMEDIATELY AFTER EVERY RAIN STORM EVENT OR AS DIRECTED BY SITE ENGINEER.
 - SEDIMENT DEPOSITS MUST BE REMOVED FROM SILT FENCE WHEN ACCUMULATION REACHES 50% OF THE HEIGHT OF THE FENCE.
 - ALL SILT FENCES MUST BE REMOVED ONLY WHEN THE ENTIRE SITE IS STABILIZED AND AS DIRECTED BY THE SITE ENGINEER.
 - B) SILT SACKS
 - INSTALL SILT SACKS ON EXISTING CATCH BASINS ALONG COLLINS STREET.

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 - ALL EXISTING UNDERGROUND UTILITIES TO BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO CONSTRUCTION.
 - DO NOT SCALE DRAWINGS.
- TEMPORARY BENCHMARKS
- TBM#1—CUT CROSS IN SIDEWALK — ELEV. 188.74m
- LEGAL AND TOPOGRAPHIC SURVEY BY VAN HARTEN SURVEYING INC. (DECEMBER 5, 2022)

Town

No.	ISSUE	DATE: YYYY/MM/DD
1	ISSUED FOR 1st SUBMISSION (SPA)	2024/07/26
2	ISSUED FOR 2ND SUBMISSION (SPA)	2024/10/18

Engineer



Engineer



Project

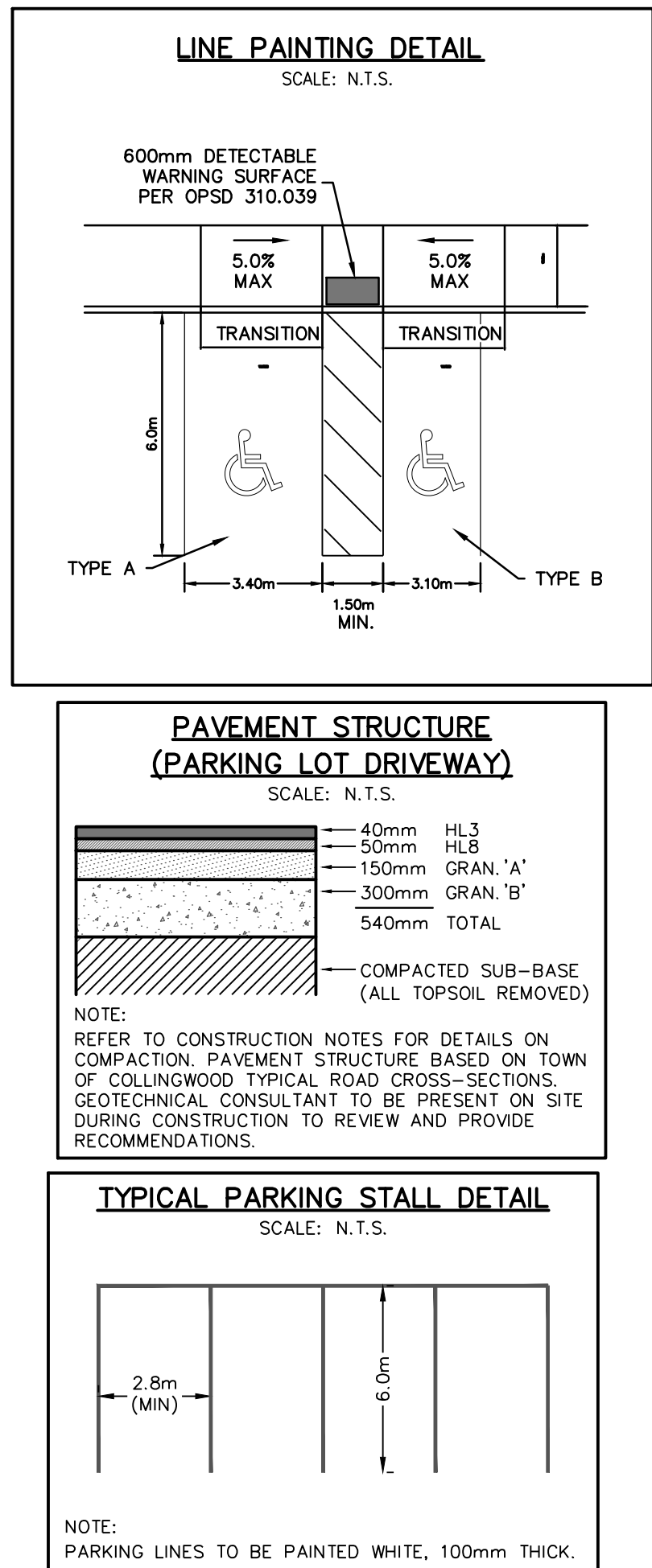
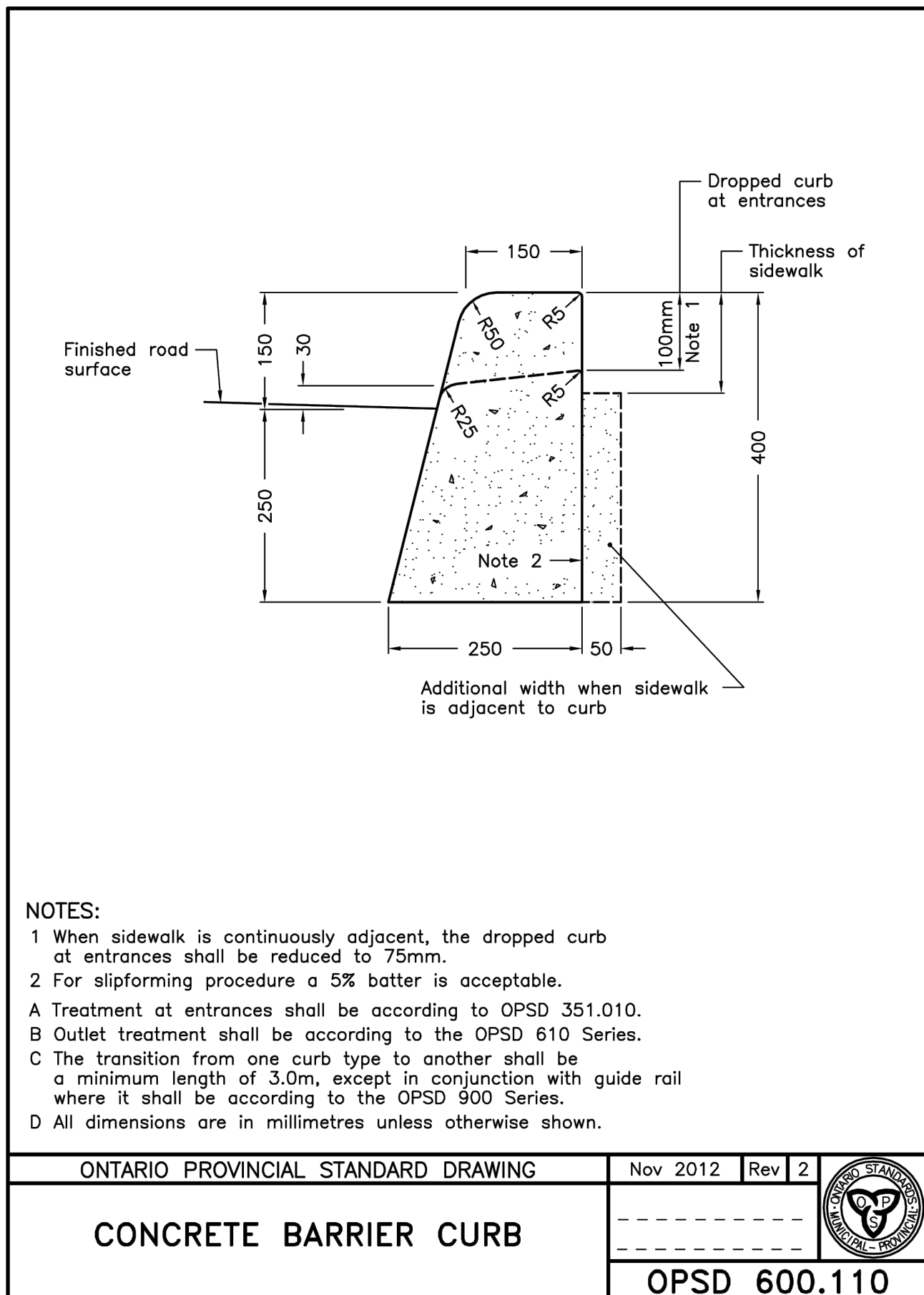
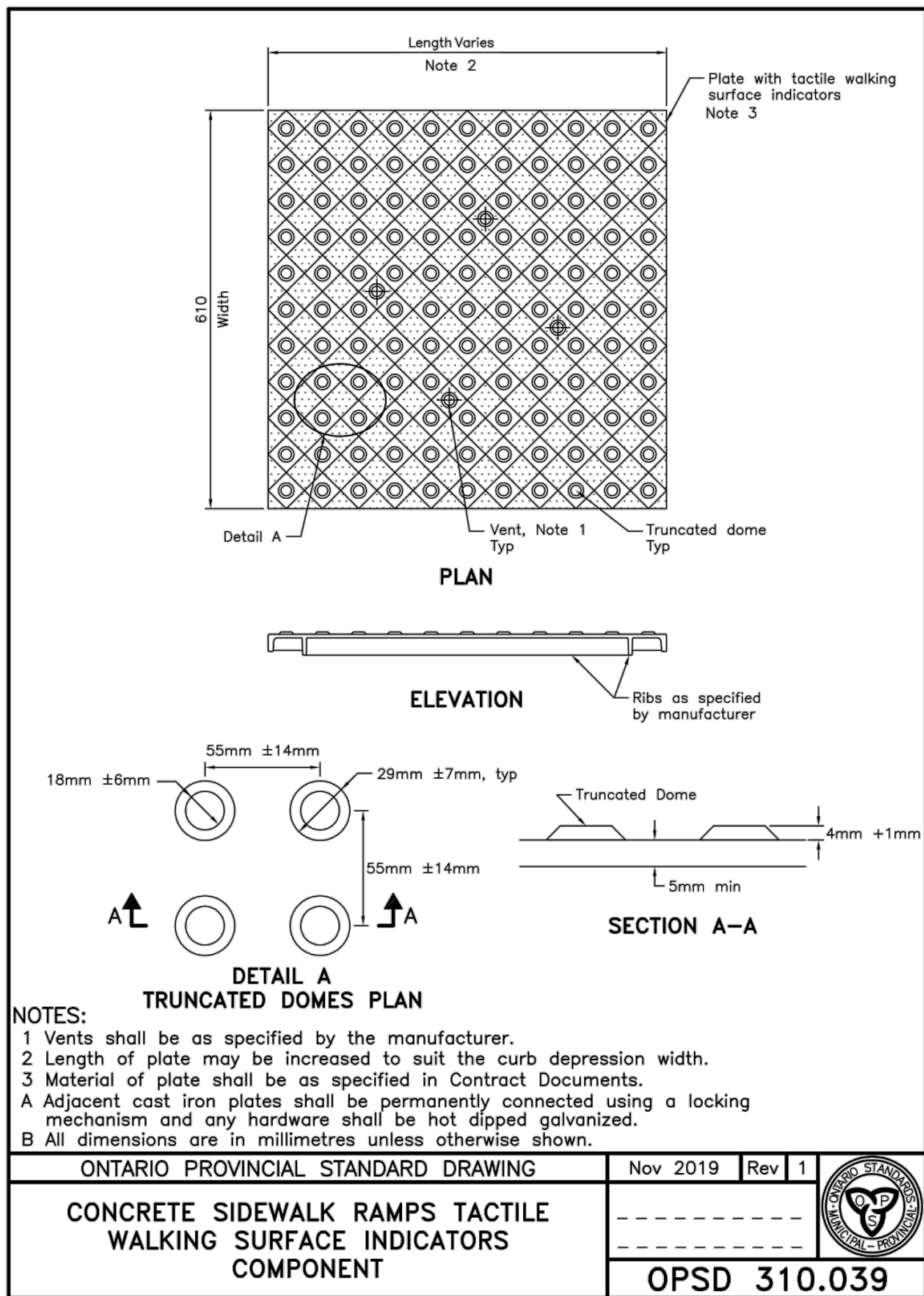
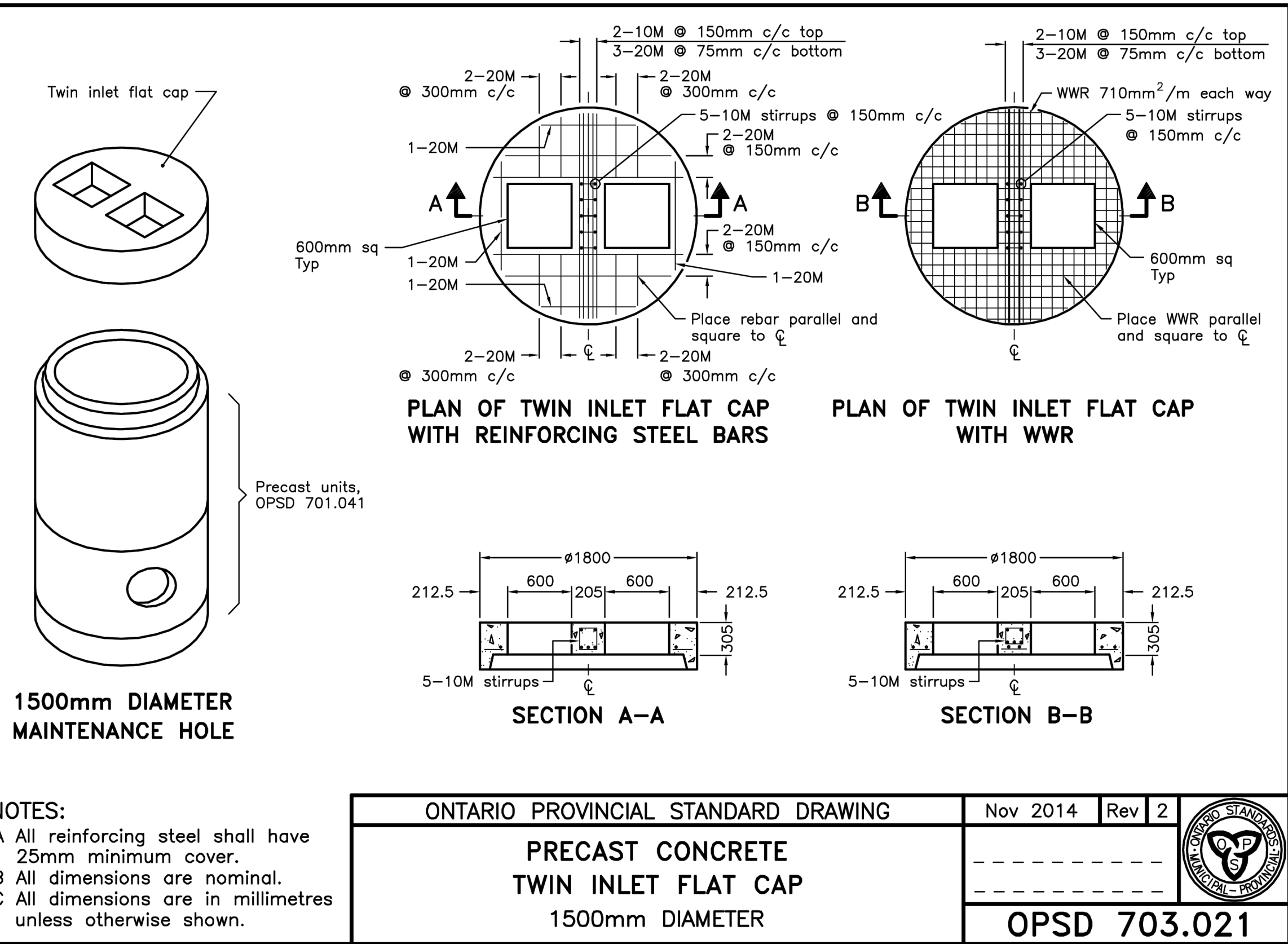
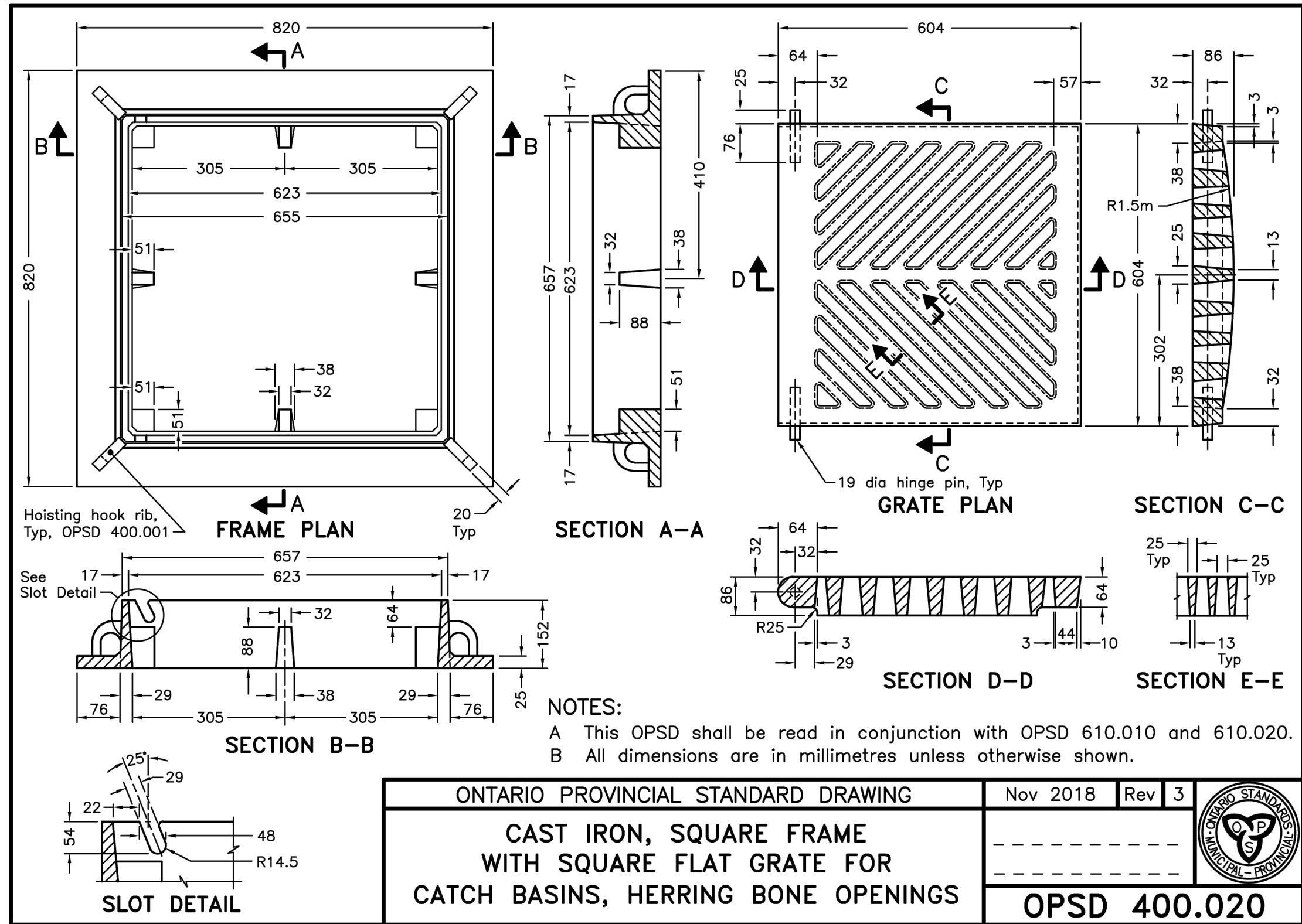
Drawing

629 HURONTARIO STREET
TOWN OF COLLINGWOOD

STANDARD NOTES AND DETAILS



Drawn By M.R. Design By D.K./G.C. Project 2361-7140
Check By G.C. Check By J.K. Drawing C105

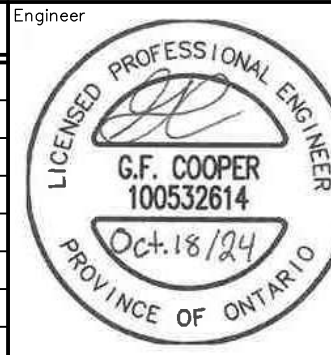


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4. ALL EXISTING UNDERGROUND UTILITIES TO BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO CONSTRUCTION.
5. DO NOT SCALE DRAWINGS.

TEMPORARY BENCHMARKS
TBM#1-CUT CROSS IN SIDEWALK - ELEV. 188.74m
LEGAL AND TOPOGRAPHIC SURVEY BY VAN HARTEN SURVEYING INC. (DECEMBER 5, 2022)

Town

No.	ISSUE	DATE: YYYY/MM/DD
1	ISSUED FOR 1st SUBMISSION (SPA)	2024/07/26
2	ISSUED FOR 2ND SUBMISSION (SPA)	2024/10/18



Project

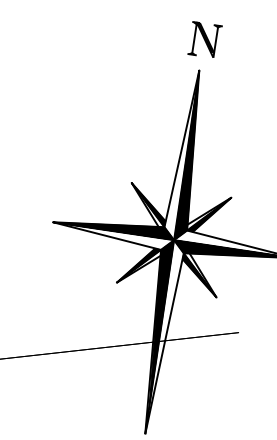
Drawing

629 HURONTARIO STREET
TOWN OF COLLINGWOOD
STANDARD NOTES AND DETAILS

CROZIER
CONSULTING ENGINEERS
Drawn By: M.R. Design By: D.K./G.C. Project: 2361-7140
Check By: G.C. Check By: J.K. Drawing: C106

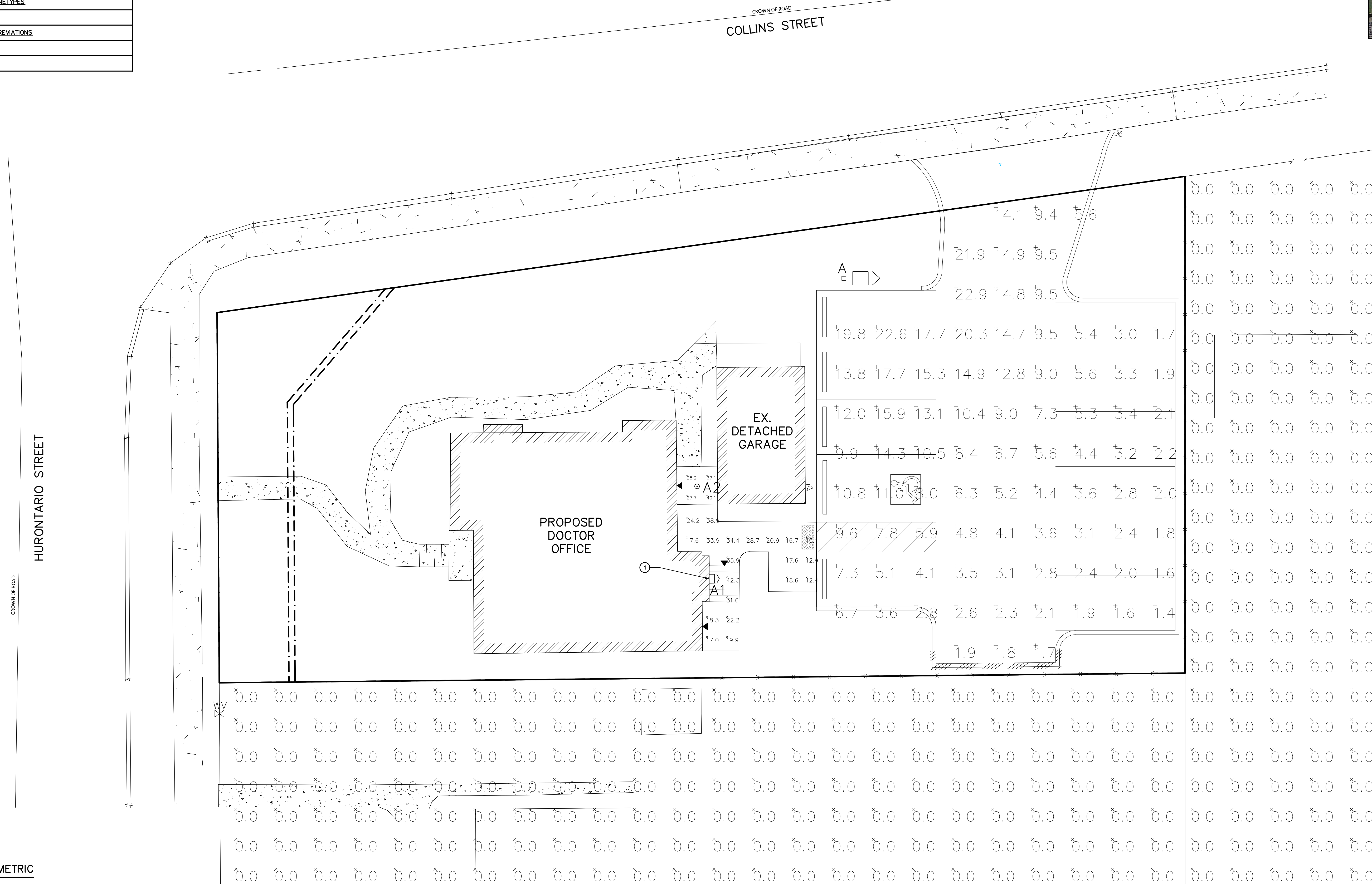
ELECTRICAL DRAWING LIST	
E100	SITE PLAN – PHOTOMETRIC
E101	SITE LIGHTING DETAILS

LIGHTING	
	POLE MOUNTED LIGHT FIXTURE
	WALL PACK LIGHT FIXTURE
	CANOPY LIGHT FIXTURE
LINETYPES	
	PROPERTY LINE
ABBREVIATIONS	
C/W	COMPLETE WITH
N.T.S.	NOT TO SCALE



DRAWING NOTES:

① LIGHTING FIXTURE TO BE DIMMED TO 46% NOMINAL LEVELS USING FADC. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH LIGHTING SUPPLIER PRIOR TO INSTALLATION.



SITE PLAN – PHOTOMETRIC
SCALE: 1:100

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		0	**NOT ISSUED FOR THIS SUBMISSION**	2023/08/23			629 HURONTARIO STREET TOWN OF COLLINGWOOD	
		1	ISSUED FOR 1st SUBMISSION (SPA)	2024/07/26				
		2	ISSUED FOR 2nd SUBMISSION (SPA)	2024/10/18				
								Drawing
								SITE PLAN – PHOTOMETRIC
								Drawn By T.S.D. Design By T.S.D. Project 2361-7140
								Check By P.W. Drawing E100

ELEVATION LAYOUT
N.T.S.

ELEVATION REINFORCEMENT
N.T.S.

POLE HEIGHT	'X'	'Y'
TO 6.1m	1.5m	405mm
OVER 6.1m	1.8m	508mm

PLAN OF BASE
N.T.S.

NOTES:

- ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN.
- MINIMUM OF TWO SLEEVES REQUIRED FOR EACH CONCRETE FOOTING. THREE SLEEVES AS SPECIFIED.
- SET TEMPLATE LEVEL. REMOVE TO FINISH CONCRETE AFTER INITIAL SET.
- CONCRETE SHALL CONFORM TO CAN/CSA A23.1
- MINIMUM CONCRETE COMPRESSIVE STRENGTH SHALL BE NO LESS THAN 25MPa; EXPOSURE CLASS C1.
- ALL STEEL WORKS SHALL CONFORM TO CAN/CSA S16-01.
- BEARING SURFACES SHALL BE REVIEWED & APPROVED BY A GEOTECHNICAL & STRUCTURAL ENGINEER.
- COORDINATE ANCHOR BOLTS' SIZE & EXACT LOCATIONS WITH LIGHT POLE MANUFACTURER PRIOR TO ROUGH-INS.

TYPE: A

BASE PLATE DETAIL

BASE PLATE WELD DETAIL

MATERIAL: ALUMINUM
 SHAWT - 6061-T6
 BASE CASTING - 356-1
 FILLER - 4043
 ANCHOR BOLTS - 50 000 PSI MIN YIELD

MAXIMUM LOADING EPA/WEIGHT: 8.0 FT/1000 LBS.
 (SIDE-MOUNTED ONLY) @ 80 MPH WITH 1.3 GUST

FINISH:

WELDING: CSA W47.2 & W59.2
 GRADY-MAN WELD-1

QTY REQUIRED:

E ELEVATION

THIS DRAWING, SPECIFICATION
 IS BASED ON INFORMATION
 PROVIDED BY THE CLIENT.
 OR ON DESIGN TO A THIRD
 PARTY PROVIDED THE PERFECT
 CONSENT OF DYNAPOLE.

DYNAPOLE
 A DIVISION OF DYNAPOLYMER, INC.
 3051 LUGANOW DRIVE,
 MORGANTOWN, WV 26506
 Tel: (206) 471-1100 Fax: (206) 471-4000
 TOLL FREE: 1-877-DYNAPOLE

REMARKS:

12-0" STRAIGHT 4" SQUARE ALUMINUM BASE MOUNT POLE

REVISION:

REVISION NUMBER	ISSUED BY	DATE	BY	DATE
000001	BR	01/06/01		01/06/01

Project

Prepared

Project

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Catalog #

Type

Notes

Date



McGraw-Edison

TTM TopTier Nano

Parking Garage Luminaire

Product Features

- BAA
- FAA

Product Certifications

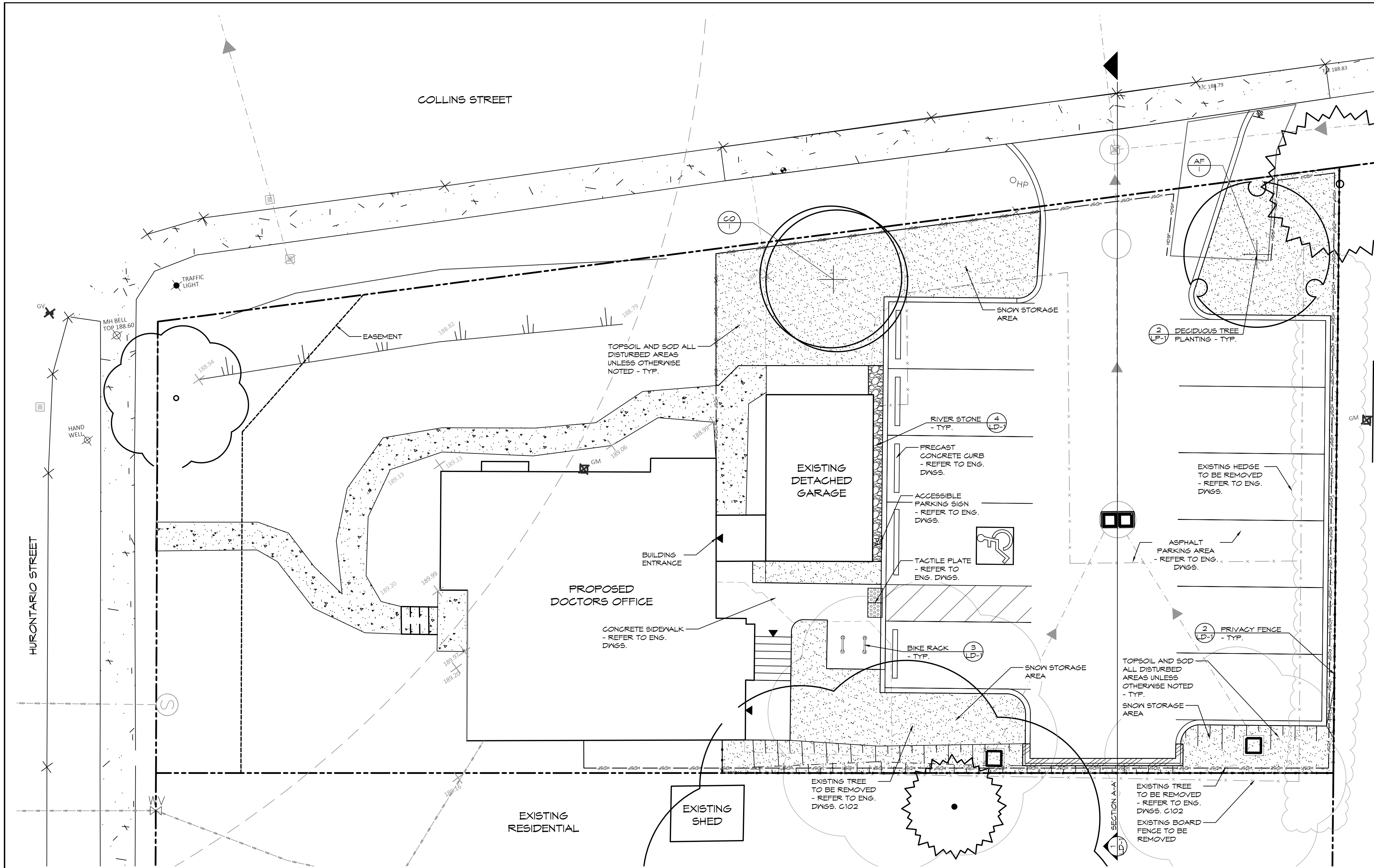
- UL
- CE
- CCC
- RoHS
- IP66
- YKAA

Technical Specifications

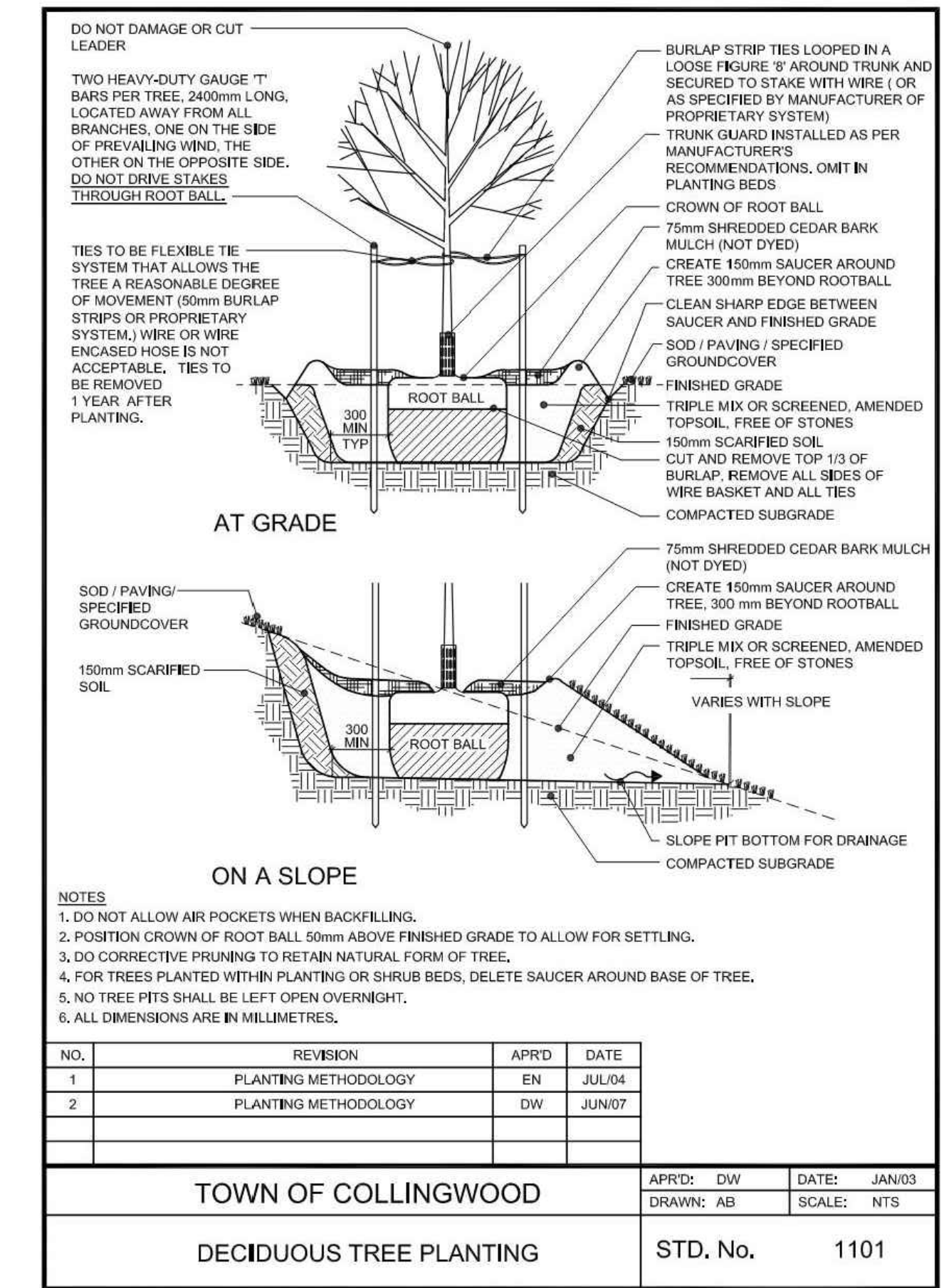
- Single Span 120, 270, 360, 480, 600, 720, 840, 960, 1080, 1200, 1320, 1440, 1560, 1680, 1800, 1920, 2040, 2160, 2280, 2400, 2520, 2640, 2760, 2880, 3000, 3120, 3240, 3360, 3480, 3600, 3720, 3840, 3960, 4080, 4200, 4320, 4440, 4560, 4680, 4800, 4920, 5040, 5160, 5280, 5400, 5520, 5640, 5760, 5880, 6000, 6120, 6240, 6360, 6480, 6600, 6720, 6840, 6960, 7080, 7200, 7320, 7440, 7560, 7680, 7800, 7920, 8040, 8160, 8280, 8400, 8520, 8640, 8760, 8880, 9000, 9120, 9240, 9360, 9480, 9600, 9720, 9840, 9960, 10080, 10200, 10320, 10440, 10560, 10680, 10800, 10920, 11040, 11160, 11280, 11400, 11520, 11640, 11760, 11880, 12000, 12120, 12240, 12360, 12480, 12600, 12720, 12840, 12960, 13080, 13200, 13320, 13440, 13560, 13680, 13800, 13920, 14040, 14160, 14280, 14400, 14520, 14640, 14760, 14880, 15000, 15120, 15240, 15360, 15480, 15600, 15720, 15840, 15960, 16080, 16200, 16320, 16440, 16560, 16680, 16800, 16920, 17040, 17160, 17280, 17400, 17520, 17640, 17760, 17880, 18000, 18120, 18240, 18360, 18480, 18600, 18720, 18840, 18960, 19080, 19200, 19320, 19440, 19560, 19680, 19800, 19920, 20040, 20160, 20280, 20400, 20520, 20640, 20760, 20880, 21000, 21120, 21240, 21360, 21480, 21600, 21720, 21840, 21960, 22080, 22200, 22320, 22440, 22560, 22680, 22800, 22920, 23040, 23160, 23280, 23400, 23520, 23640, 23760, 23880, 24000, 24120, 24240, 24360, 24480, 24600, 24720, 24840, 24960, 25080, 25200, 25320, 25440, 25560, 25680, 25800, 25920, 26040, 26160, 26280, 26400, 26520, 26640, 26760, 26880, 27000, 27120, 27240, 27360, 27480, 27600, 27720, 27840, 27960, 28080, 28200, 28320, 28440, 28560, 28680, 28800, 28920, 29040, 29160, 29280, 29400, 29520, 29640, 29760, 29880, 30000, 30120, 30240, 30360, 30480, 30600, 30720, 30840, 30960, 31080, 31200, 31320, 31440, 31560, 31680, 31800, 31920, 32040, 32160, 32280, 32400, 32520, 32640, 32760, 32880, 33000, 33120, 33240, 33360, 33480, 33600, 33720, 33840, 33960, 34080, 34200, 34320, 34440, 34560, 34680, 34800, 34920, 35040, 35160, 35280, 35400, 35520, 35640, 35760, 35880, 36000, 36120, 36240, 36360, 36480, 36600, 36720, 36840, 36960, 37080, 37200, 37320, 37440, 37560, 37680, 37800, 37920, 38040, 38160, 38280, 38400, 38520, 38640, 38760, 38880, 39000, 39120, 39240, 39360, 39480, 39600, 39720, 39840, 39960, 40080, 40200, 40320, 40440, 40560, 40680, 40800, 40920, 41040, 41160, 41280, 41400, 41520, 41640, 41760, 41880, 42000, 42120, 42240, 42360, 42480, 42600, 42720, 42840, 42960, 43080, 43200, 43320, 43440, 43560, 43680, 43800, 43920, 44040, 44160, 44280, 44400, 44520, 44640, 44760, 44880, 45000, 45120, 45240, 45360, 45480, 45600, 45720, 45840, 45960, 46080, 46200, 46320, 46440, 46560, 46680, 46800, 46920, 47040, 47160, 47280, 47400, 47520, 47640, 47760, 47880, 48000, 48120, 48240, 48360, 48480, 48600, 48720, 48840, 48960, 49080, 49200, 49320, 49440, 49560, 49680, 49800, 49920, 50040, 50160, 50280, 50400, 50520, 50640, 50760, 50880, 51000, 51120, 51240, 51360, 51480, 51600, 51720, 51840, 51960, 52080, 52200, 52320, 52440, 52560, 52680, 52800, 52920, 53040, 53160, 53280, 53400, 53520, 53640, 53760, 53880, 54000, 54120, 54240, 54360, 54480, 54600, 54720, 54840, 54960, 55080, 55200, 55320, 55440, 55560, 55680, 55800, 55920, 56040, 56160, 56280, 56400, 56520, 56640, 56760, 56880, 57000, 57120, 57240, 57360, 57480, 57600, 57720, 57840, 57960, 58080, 58200, 58320, 58440, 58560, 58680, 58800, 58920, 59040, 59160, 59280, 59400, 59520, 59640, 59760, 59880, 60000, 60120, 60240, 60360, 60480, 60600, 60720, 60840, 60960, 61080, 61200, 61320, 61440, 61560, 61680, 61800, 61920, 62040, 62160, 62280, 62400, 62520, 62640, 62760, 62880, 63000, 63120, 63240, 63360, 63480, 63600, 63720, 63840, 63960, 64080, 64200, 64320, 64440, 64560, 64680, 64800, 64920, 65040, 65160, 65280, 65400, 65520, 65640, 65760, 65880, 66000, 66120, 66240, 66360, 66480, 66600, 66720, 66840, 66960, 6708

[illegible]

STATISTICS SCHEDULE					
N	SYMBOL	AVG	MAX	MIN	AVG/MIN
DOT	+	7.6 lux	22.9 lux	1.4 lux	5.4:1
PATH	×	23.9 lux	42.3 lux	12.4 lux	1.9:1
ENTRANCE	+	33.3 lux	40.1 lux	27.7 lux	1.2:1



LEGEND	
	PROPERTY BOUNDARY
	SILT FENCE - SEE ENG. DWGS
	EXISTING FENCE
	UNDERGROUND SERVICES - SEE ENG. DWGS
	PROPOSED PRIVACY FENCE
	TOPSOIL & SOD



1 LANDSCAPE PLAN
LP-1

2 DECIDUOUS TREE PLANTING
LP-1

N.T.S.

PLANT SCHEDULE

SYMBOL	CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER
DECIDUOUS TREES						
	AF	1	Acer x freemanii 'Jeffersred'	Autumn Blaze® Freeman Maple	50mm cal.	N.B.
	CO	1	Celtis occidentalis	Common Hackberry	50mm cal.	N.B.

- NOTES:
- FOR GENERAL PLANTING NOTES, REFER TO NOTES ON DRAWING LD-1.
 - TREE PITS OR PLANTING BEDS WITHIN 1.0m OF UNDERGROUND UTILITIES ARE TO BE HAND DUG.
 - MINIMUM CLEARANCES FOR TREES ARE AS FOLLOWS:

MINIMUM TREE CLEARANCES	
FIRE HYDRANT	3.0m
DRIVENWAYS	2.0m
HYDRO TRANSFORMERS	3.0m
BELL OR CABLE PEDESTALS	1.0m
STREETLIGHT POLES	5.0m
UNDERGROUND SERVICES	1.0m

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- NOTES:
- ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

Town

NO.	ISSUE	DATE: YYYY/MM/DD
0	ISSUED FOR 1st SUBMISSION (SFA)	2024/07/26
1	RE-ISSUED FOR 1st SUBMISSION (SFA)	2024/09/03
2	ISSUED FOR 2nd SUBMISSION (SFA)	2024/10/18

LANDSCAPE ARCHITECT



LANDSCAPE ARCHITECT

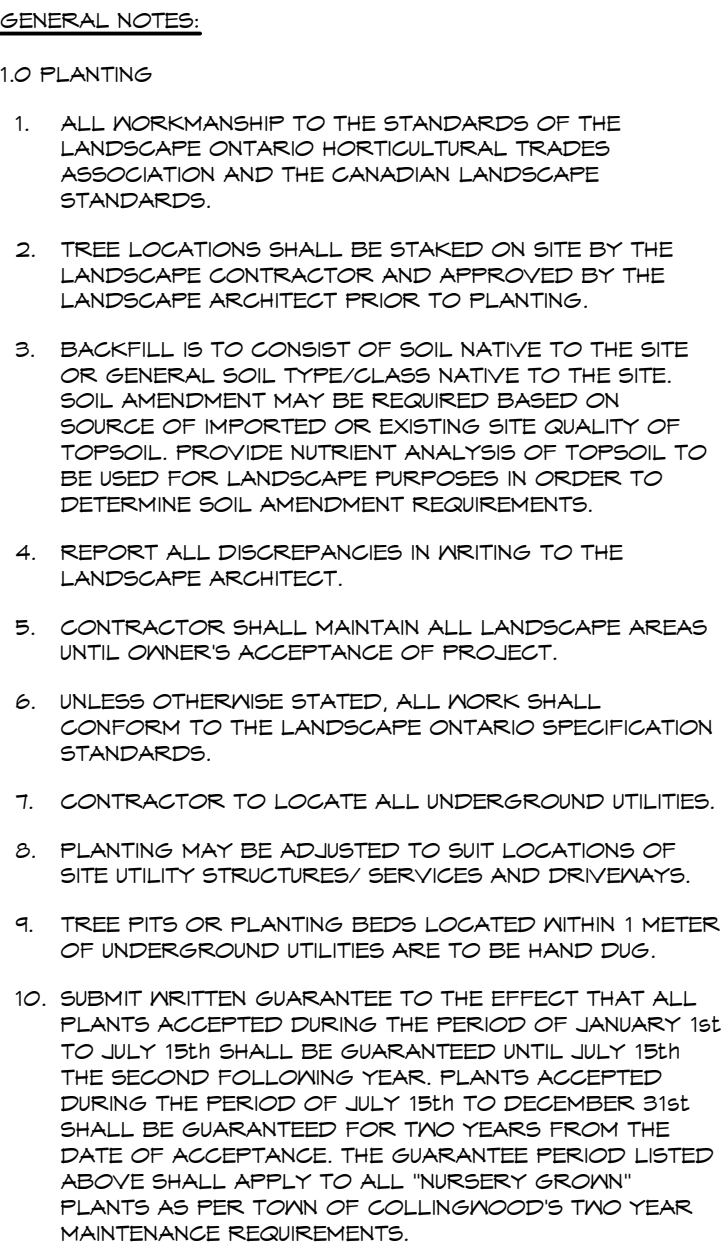
Project

629 HURONTARIO STREET
TOWN OF COLLINGWOOD

LANDSCAPE PLAN



Drawn By	K.C.	Design By	K.C./A.P.	Project	2361-7140
Check By	A.P.	Check By		Drawing	LP-1



Drawn By	K.C.	Design By	K.C/A.P.	Project	2361-7140
Check By	A.P.	Check By		Drawing	LD-1