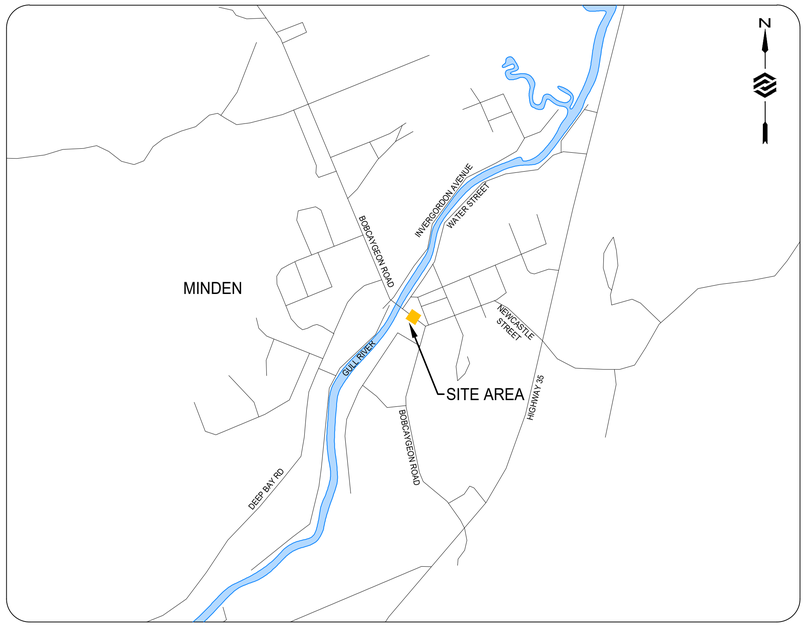
MINDEN PEDESTRIAN CROSSING

TOWNSHIP OF MINDEN HILLS
MINDEN, ONTARIO
ENGAGE PROJECT No: 26006
ISSUED FOR TENDER



DRAWING LIST		
SHEET No.	SHEET NAME	SHEET DESCRIPTION
1	SNL1	STANDARD NOTES, LEGEND AND DETAILS
2	ECR1	EXISTING CONDITIONS AND REMOVALS
3	PLAN1	DETAILED PLAN
4	OP1	OVERALL PLAN

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TOWNSHIP OF MINDEN HILLS

CLIENT: TOWNSHIP OF MINDEN HILLS		DRAWN BY: J.BURKE	
PROJECT LOCATION: MINDEN, ONTARIO		DESIGNED BY: J.BURKE	
DATE: 2026-03-12		APPROVED BY: B.PARSONS	
9.			
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3.	ISSUED FOR TENDER	JB	2026-11-13
2.	ISSUED FOR 90% REVIEW	JB	2026-10-05
1.	ISSUED FOR 60% REVIEW	JB	2026-03-17
No.	REVISION	BY	DATE

MINDEN PEDESTRIAN CROSSING
TOWNSHIP OF MINDEN HILLS
MINDEN, ONTARIO
ENGAGE PROJECT No: 26006
ISSUED FOR TENDER

Date: Nov. 09, 2026 - 6:18 am Plotted by: JBurke Filename: S:\01 - Projects\26000\26006 - Minden Pedestrian Crossing Design\02 Design\01 - Drawings\01 - Current Drawings\26006 - CP1.dwg

LEGEND

REMOVAL AND ADJUSTMENTS

- (A) APPURTENANCE ADJUSTMENT BY CONTRACTOR (CB,MH,WV etc.)
- (B) ADJUSTMENT BY OTHERS
- (C) RELOCATE EXISTING STRUCTURE
- (EX) EXCAVATE/BACKFILL EX. STRUCTURE
- (S) REMOVE, SALVAGE AND REINSTALL
- (E) TO BE EXPOSED BY CONTRACTOR

GENERAL ITEM REMOVAL

STRUCTURE AND PIPE REMOVAL

GENERAL AREA REMOVAL

LIMIT OF CONSTRUCTION

UNDERGROUND SERVICES

SEWERS:

PROPOSED SANITARY SEWER MAIN AND MANHOLE

EXISTING SANITARY SEWER MAIN AND MANHOLE

PROPOSED SANITARY SERVICE AND CLEANOUT

EXISTING SANITARY SERVICE AND CLEANOUT

PROPOSED STORM SEWER MAIN AND MANHOLE

EXISTING STORM SEWER MAIN AND MANHOLE

PROPOSED STORM SERVICE

PROPOSED CATCH BASIN MANHOLE

PROPOSED DOUBLE CATCH BASIN MANHOLE

PROPOSED CATCH BASIN

PROPOSED DOUBLE CATCH BASIN

EXISTING CATCH BASIN MANHOLE

EXISTING DOUBLE CATCH BASIN MANHOLE

EXISTING CATCH BASIN

EXISTING DOUBLE CATCH BASIN

WATER:

PROPOSED WATER MAIN AND VALVE

EXISTING WATER MAIN AND VALVE

PROPOSED WATER SERVICE AND CURB STOP VALVE

EXISTING WATER SERVICE AND CURB STOP VALVE

PROPOSED HYDRANT SET

EXISTING HYDRANT SET

WATER VALVE PROFILE

BEND PROFILE

CROSS PROFILE

FIRE HYDRANT PROFILE

TEE PROFILE

REDUCER PROFILE

- MONITORING WELL
- CROSS
- TEE
- 90° BEND
- 45° BEND
- 22.5° BEND
- 11.25° BEND
- 5° BEND
- REDUCER

NATURAL GAS:

EXISTING GAS MAIN

EXISTING GAS VALVE

EXISTING VENT PIPE

EXISTING GAS METER

ROAD SURFACE FEATURES:

PROPOSED / EXISTING RETAINING WALL

PROPOSED / EXISTING FENCE

PROPOSED / EXISTING EDGE OF GRAVEL

PROPOSED / EXISTING ROAD CENTRELINE

PROPOSED / EXISTING DITCH/SWALE

PROPOSED / EXISTING CONCRETE SIDEWALK

CONCRETE BARRIER CURB (OPSD 600.110)

CONCRETE CURB AND GUTTER (OPSD 600.040)

DROP CURB (AT CURB AND GUTTER)

PROPOSED LIGHT DUTY ASPHALT PAVEMENT

PROPOSED HEAVY DUTY ASPHALT PAVEMENT

PROPOSED DRIVEWAY PAVEMENT

PROPOSED INTERLOCKING PAVERS

PROPOSED TOPSOIL AND SOD/SEED AREA

LEGAL AND SURVEY CONTROL:

PROPERTY LINE

RIGHT-OF-WAY LIMITS

SUBJECT SITE PROPERTY BOUNDARY

- IRON BAR
- ROUND IRON BAR
- CUT CROSS
- HORIZONTAL CONTROL MONUMENT
- VERTICAL CONTROL MONUMENT
- BENCHMARK

COMMUNICATIONS/ELECTRICAL UTILITIES:

OVERHEAD BELL

UNDERGROUND BELL

OVERHEAD HYDRO

UNDERGROUND HYDRO

LIGHT STANDARD

UTILITY POLE LIGHT STANDARD

UTILITY PEDESTAL

UTILITY POLE

GUY ANCHOR

MAIL BOX

VEGETATION:

- HEDGE
- TREE CONIFEROUS
- TREE DECIDUOUS
- SHRUB
- STUMP
- ROCK

SIGNAGE:

- RAIL ROAD SIGN
- EXISTING / PROPOSED ROAD SIGN
- DISPLAY BOARD SIGN

EROSION AND SEDIMENT CONTROL:

- SILT FENCE
- ROCK CHECK DAM
- STRAW BALE CHECK DAM
- RIP-RAP
- MUD MAT

GENERAL:

1. ALL CONSTRUCTION AND MATERIALS TO BE IN ACCORDANCE WITH:

   -ONTARIO PROVINCIAL STANDARD DRAWINGS & SPECIFICATIONS
   -APPLICABLE CONTRACT DOCUMENTS AND ALL SPECIFICATIONS REFERENCED HEREIN.
2. THE CONTRACTOR SHALL CONSTRUCT ALL WORK IN ACCORDANCE WITH THE OCCUPATIONAL HEALTH AND SAFETY ACT, HEALTH AND SAFETY REGULATIONS FOR CONSTRUCTION PROJECTS.
3. THE CONTRACTOR SHALL RESTORE OR REPLACE DAMAGED SERVICES TO EXISTING OR BETTER CONDITION.
4. THE CONTRACTOR SHALL RESTORE ALL DISTURBED AREAS TO EXISTING OR BETTER CONDITION, OR PER THE ENGINEERING SPECIFICATIONS REFERENCED HEREIN.
5. THE CONTRACTOR SHALL COORDINATE AND PAY FOR ALL TRAFFIC CONTROL AND SAFETY MEASURES IN ACCORDANCE WITH THE ONTARIO TRAFFIC MANUAL, BOOK 7, TEMPORARY CONDITIONS.
6. THE CONTRACTOR SHALL DISPOSE OF ALL WASTE MATERIALS IN ACCORDANCE WITH THE MINISTRY OF THE ENVIRONMENT GUIDELINES AND LOCAL MUNICIPAL BYLAWS.
7. WHERE UTILITIES ARE SHOWN ON THE CONTRACT DRAWINGS, THEIR LOCATION IS APPROXIMATE. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION.
8. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS TO COMPLETE THE WORK INCLUDING ROAD CUT PERMITS, OCCUPANCY PERMITS, ENCROACHMENT AGREEMENTS.
9. ANY UTILITY POLES THAT MAY BE UNDERMINED BY THE CONSTRUCTION ACTIVITY ARE TO BE BRACED. THE CONTRACTOR SHALL MAKE THE NECESSARY ARRANGEMENTS TO HAVE THE POLES BRACED IN ACCORDANCE WITH THE APPROPRIATE UTILITY REQUIREMENTS; THE COST FOR THIS WORK IS INCLUDED IN THE UNIT PRICES FOR THE WORK ITEMS AFFECTED.
10. ALL EROSION AND SEDIMENT CONTROL MEASURES IDENTIFIED ON THE CONTRACT DRAWINGS ARE TO BE IN PLACE PRIOR TO THE START OF CONSTRUCTION.
11. ACCESS TO ALL PRIVATE PROPERTIES FRONTING THE CONSTRUCTION SHALL BE MAINTAINED AT ALL TIMES. TEMPORARY ACCESS RESTRICTIONS WILL ONLY BE PERMITTED WHERE REQUIRED TO FACILITATE UNDERGROUND SERVICING, ASPHALT AND CONCRETE PLACEMENT. THE CONTRACTOR SHALL PROVIDE 48 HOURS NOTICE TO THE MUNICIPALITY AND THE AFFECTED PROPERTY OWNERS PRIOR TO ACCESS INTERRUPTION.
12. ALL PROPERTY BARS DISTURBED OR DAMAGED DURING CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR AT THE CONCLUSION OF THE CONTRACT, AT THEIR EXPENSE.
13. ALL MANHOLE AND CATCHBASIN FRAMES AND GRATES WITHIN THE TRAVELLED PORTION OF THE ROAD SHALL BE SET TO BASE ASPHALT ELEVATION AND RAISED PRIOR TO PLACEMENT OF SURFACE ASPHALT. ALL MANHOLE AND CATCHBASIN FRAMES AND GRATES IN THE BOULEVARD SHALL BE SET TO FINAL GRADE.
14. ALL DIMENSIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO CONSTRUCTION. ANY DISCREPANCIES SHALL BE REPORTED IMMEDIATELY TO THE ENGINEER.
15. EXISTING SIGNAGE WITHIN THE ROAD ALLOWANCE SHALL BE REMOVED AND SALVAGED BY THE CONTRACTOR PRIOR TO CONSTRUCTION AND REINSTALLED UPON COMPLETION. REGULATORY SIGNAGE SHALL REMAIN IN PLACE AT ALL TIMES.
16. PEDESTRIAN CROSSING LAYOUT TO BE CONSTRUCTED AS PER OTM BOOK 15 AS A LEVEL 2 TYPE B CROSSING.

SURVEY:

1. EXISTING UNDERGROUND SERVICES, UTILITIES, AND TOPOGRAPHIC INFORMATION IS BASED UPON:
   - TOPOGRAPHIC SURVEY PROVIDED BY ENGAGE ENGINEERING.
2. THE CONTRACTOR SHALL PROVIDE DETAILED LAYOUT FOR THE WORK INCLUDING CALCULATIONS OF LAYOUT DIMENSIONS AND ELEVATIONS.
3. THE CONTRACTOR SHALL PROVIDE AN AUTOCAD AND ACCOMPANYING HARDCOPY OF THE AS CONSTRUCTED WORKS. THE DRAWINGS SHALL CONVEY ALL UNDERGROUND SERVICING AND INFRASTRUCTURE BASED ON TOPOGRAPHIC SURVEY OF THE WORKS.

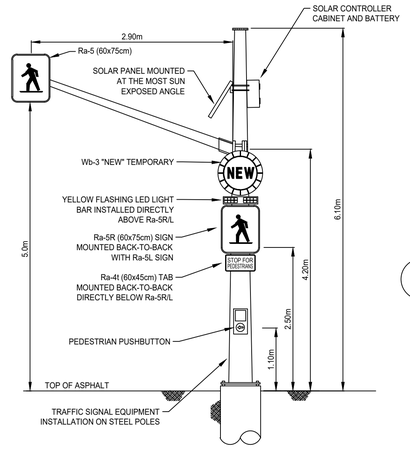
ROADS

1. ROAD SUBGRADE AND BOULEVARDS SHALL BE COMPACTED TO 98% SPDD. SUBGRADE SHALL BE PROOFROLLED PRIOR TO PLACEMENT OF GRANULAR MATERIAL.
2. SIGN MOUNTING HEIGHTS, AND LATERAL OFFSETS SHALL BE IN ACCORDANCE WITH THE ONTARIO TRAFFIC MANUAL (OTM) BOOK 1B, SECTION 12.
3. GRANULAR 'A' AND 'B' ROAD BASE TO BE COMPACTED TO 100% SPMDD.
4. 100MM DIAMETER PERFORATED SUBDRAINS WITH FACTORY INSTALLED FILTER FABRIC SHALL BE INSTALLED BELOW CURB IN 300MM DEEP GRANULAR 'A' TRENCH IN ACCORDANCE WITH OPSS 405, AND CONNECTED TO EACH CB OR CBMH IN ACCORDANCE WITH OPSD 216.021.
5. AN APPLICATION OF TACK COAT IS TO BE APPLIED TO ALL BASE ASPHALT AREAS INCLUDING SAW CUTS FOR LAP JOINTS PRIOR TO PLACEMENT OF SURFACE ASPHALT.
6. ALL CURB AND GUTTER SHALL BE CONCRETE BARRIER CURB WITH STANDARD GUTTER IN ACCORDANCE WITH OPSD 600.040, UNLESS NOTED OTHERWISE ON THE DRAWINGS. ALL CURBS AT INTERSECTIONS FOR WALKWAYS, DRIVEWAYS, AND SIDEWALK LOCATIONS SHALL BE DEPRESSED IN ACCORDANCE WITH 310.030.
7. PAVEMENT STRUCTURE SHALL CONSIST OF THE FOLLOWING:

ROADWAY	450mm GRANULAR B 150mm GRANULAR A 50mm HL8 40mm HL3
SIDEWALK	150mm CONCRETE 150mm GRANULAR A

LINE PAINTING

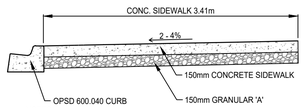
1. ALL PAINT MARKINGS SHALL CONFORM WITH THE ONTARIO TRAFFIC MANUAL (OTM), BOOK 11.
2. PARKING STALL LINES ARE TO BE WATER-BASED LATEX PAINTS AND WHITE IN COLOUR
3. ACCESSIBLE PARKING SYMBOL ARE TO BE WATER-BASED LATEX PAINTS
4. YIELD LINES ARE TO BE THERMOPLASTIC AND WHITE IN COLOUR
5. CROSSWALK AND ARE TO BE THERMOPLASTIC
6. ACCESSIBLE PARKING STALLS ARE TO BE 7.0m IN LENGTH UNLESS OTHERWISE NOTED ON DRAWING
7. STANDARD PARKING STALLS ARE TO BE 6.0m IN LENGTH UNLESS OTHERWISE NOTED ON DRAWING



NOTES:

1. PEDESTRIAN SIGNAL POLE TO BE CONSTRUCTED AS PER OTB BOOK 15 PEDESTRIAN CROSSING TREATMENTS AS IN A LEVEL 2 TYPE B CROSSING

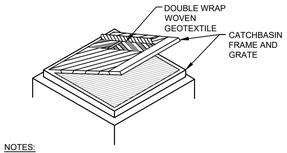
1 CROSSING SIGNAL POLE DETAIL
SCALE: N.T.S.



NOTES:

1. GRANULAR 'A' TO EXTEND DOWN TO TOP OF ROAD GRANULAR STRUCTURE FOR SECTION WITHIN ROAD

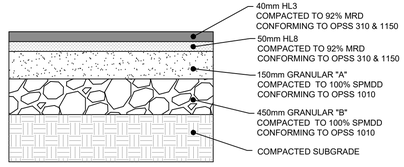
4 CONCRETE SIDEWALK STRUCTURE
SCALE: N.T.S.



NOTES:

1. TO BE INSTALLED ON ALL CATCHBASINS AND MAINTAINED DURING CONSTRUCTION.
2. WOVEN GEOTEXTILE TO HAVE EQUIVALENT OPENING SIZE BETWEEN 0.15mm AND 0.25mm.
3. WOVEN GEOTEXTILE TO BE REPLACED PERIODICALLY WHEN ACCUMULATED SEDIMENT INTERFERES WITH DRAINAGE.

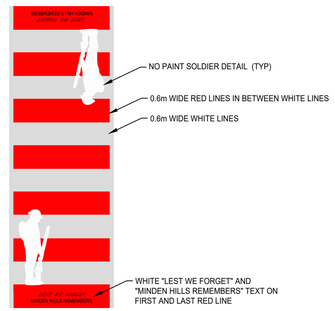
2 CATCHBASIN SEDIMENT PROTECTION
SCALE: N.T.S.



NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.

3 FULL DEPTH PAVEMENT STRUCTURE
SCALE: N.T.S.



NOTES:

1. DIMENSIONS TO BE AS PER OTM BOOK 15

5 LADDER CROSSWALK
SCALE: N.T.S.

SURVEY
TOPOGRAPHIC SURVEY PROVIDED BY ENGAGE ENGINEERING ETC DATED MARCH 2026.

BENCHMARK
CENTER OF MH LID AT NORTH EAST CORNER OF INTERSECTION OF WATER STREET AND BOBCAYGEON ROAD FRONTING OF SOUND BODY.
ELEV: 272.80m

NOTES:

No.	REVISION	BY	DATE
7.			
6.			
5.			
4.			
3.	ISSUED FOR TENDER	JB	2026-11-13
2.	ISSUED FOR 90% REVIEW	JB	2026-10-05
1.	ISSUED FOR 60% REVIEW	JB	2026-03-17

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MINDEN PEDESTRIAN CROSSING

TOWNSHIP OF MINDEN HILLS

STANDARD NOTES, LEGEND AND DETAILS

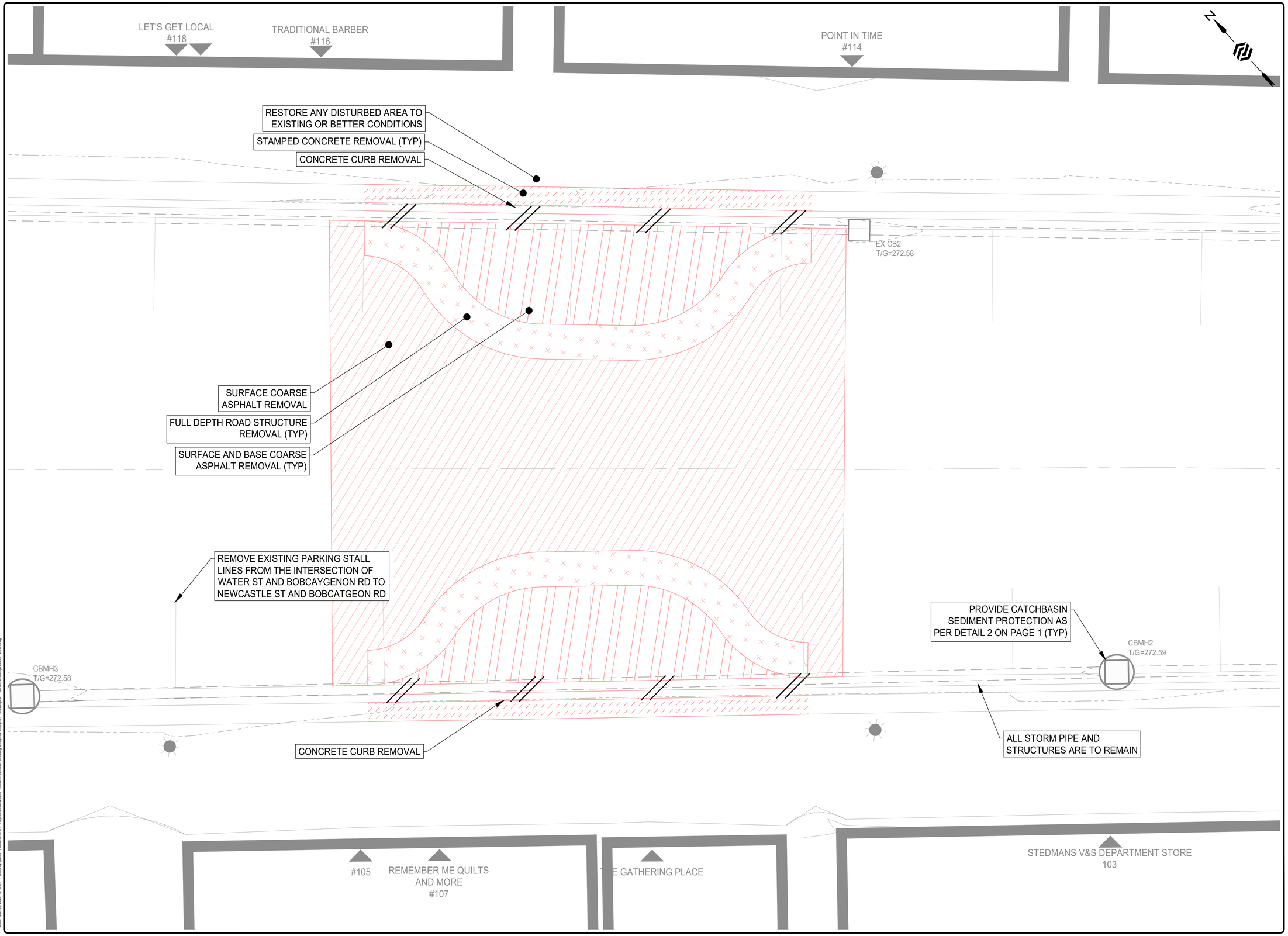
MINDEN, ONTARIO

DRAWN BY:	J.BURKE
DESIGNED BY:	J.BURKE
APPROVED BY:	B.PARSONS
DATE:	2026-03-12
SCALE:	VARIES

STAMP: LICENSED PROFESSIONAL ENGINEER — B.T.PARSONS — 100213434 — 2026-11-13 — PROVINCE OF ONTARIO

PROJECT NUMBER:	SHEET NAME:	SHEET:
26006	SNL1	1 OF 4

26006 - CP1
Date: Nov. 09, 2026 - 6:18 am Plotted by: jburke Filename: S:\01 - Projects\26000\26006 - Minden Pedestrian Crossing Design\02 Design\01 - Drawings\01 - Current Drawings\26006 - CP1.dwg



SURVEY
TOPOGRAPHIC SURVEY PROVIDED BY ENGAGE ENGINEERING ETC DATED MARCH 2026.

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MINDEN PEDESTRIAN CROSSING

TOWNSHIP OF MINDEN HILLS

EXISTING CONDITIONS AND REMOVALS

MINDEN, ONTARIO

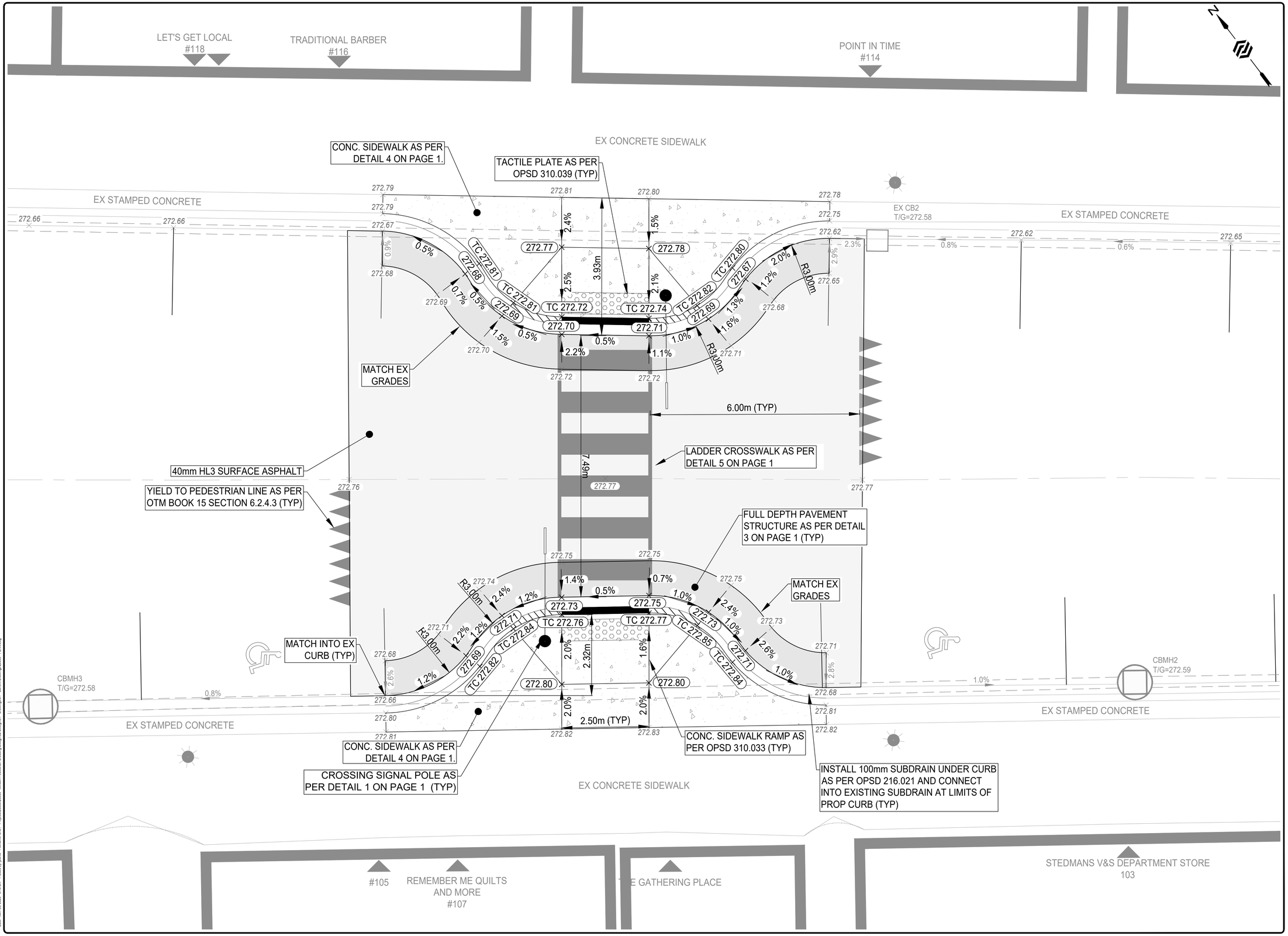
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SCALE: 1:50 (0, 1, 2)

PROJECT NUMBER:	SHEET NAME:	SHEET:
26006	ECR1	2 OF 4

26006 - ECR1
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SURVEY
TOPOGRAPHIC SURVEY PROVIDED BY ENGAGE ENGINEERING ETC DATED MARCH 2026.

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MINDEN PEDESTRIAN CROSSING

TOWNSHIP OF MINDEN HILLS

DETAILED PLAN

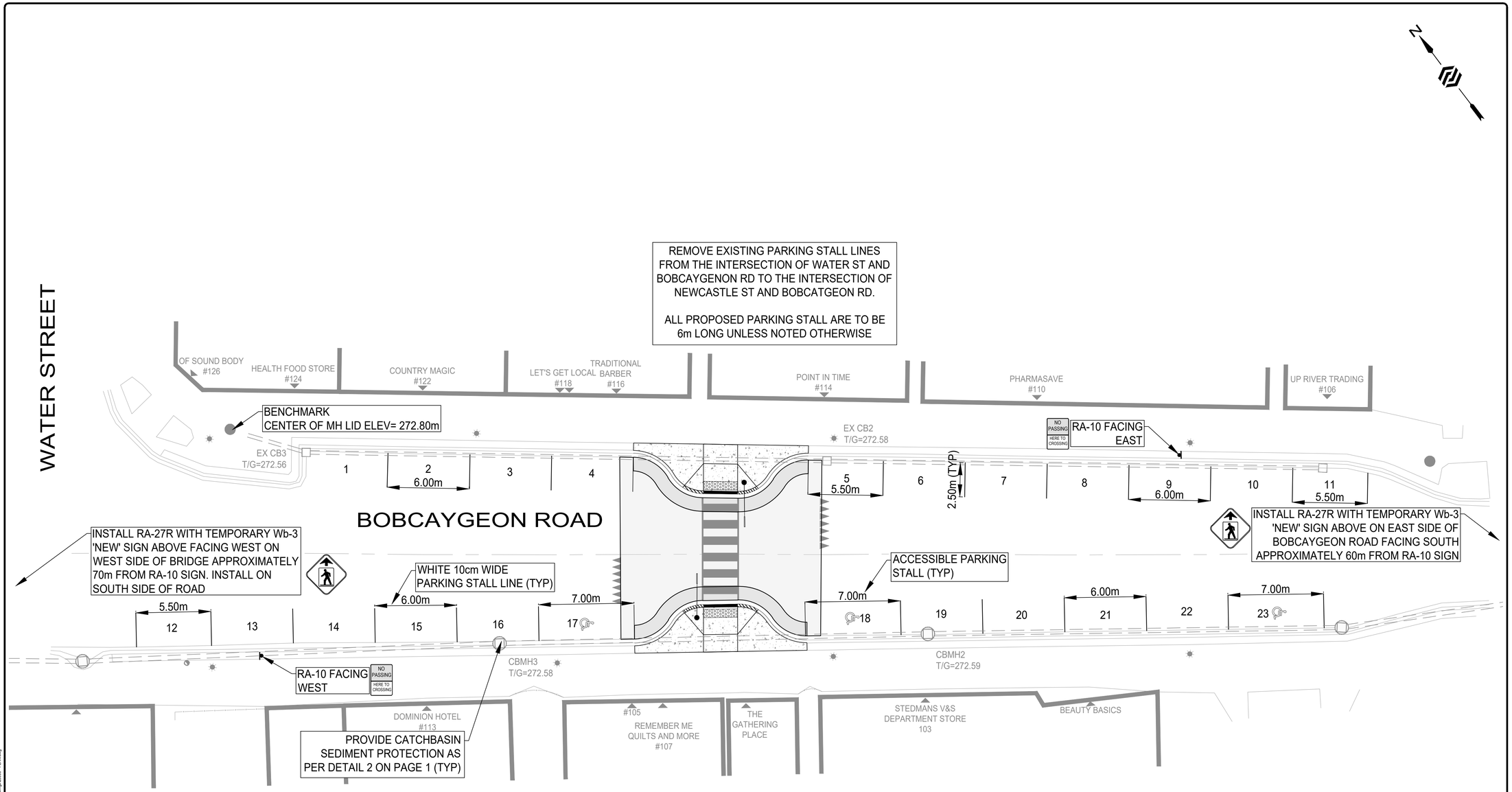
MINDEN, ONTARIO

DRAWN BY:	J.BURKE
DESIGNED BY:	J.BURKE
APPROVED BY:	B.PARSONS
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SCALE:	1:50

STAMP: LICENSED PROFESSIONAL ENGINEER — B.T.PARSONS — 100213434 — 2026-11-13 — PROVINCE OF ONTARIO

PROJECT NUMBER:	SHEET NAME:	SHEET:
26006	PLAN1	3 OF 4

26006 - PLAN
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MINDEN PEDESTRIAN CROSSING

TOWNSHIP OF MINDEN HILLS

OVERALL PLAN

MINDEN, ONTARIO

DRAWN BY:	J.BURKE
DESIGNED BY:	J.BURKE
APPROVED BY:	B.PARSONS
DATE:	2026-03-12
SCALE:	1:150

STAMP: LICENSED PROFESSIONAL ENGINEER — B.T.PARSONS — 100213434 — 2026-11-13 — PROVINCE OF ONTARIO

PROJECT NUMBER:	SHEET NAME:	SHEET:
26006	OP1	4 OF 4

26006 - PLAN
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