



Tender 2023-04



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GEORGIAN ROAD



PRINCE EDWARD DRIVE



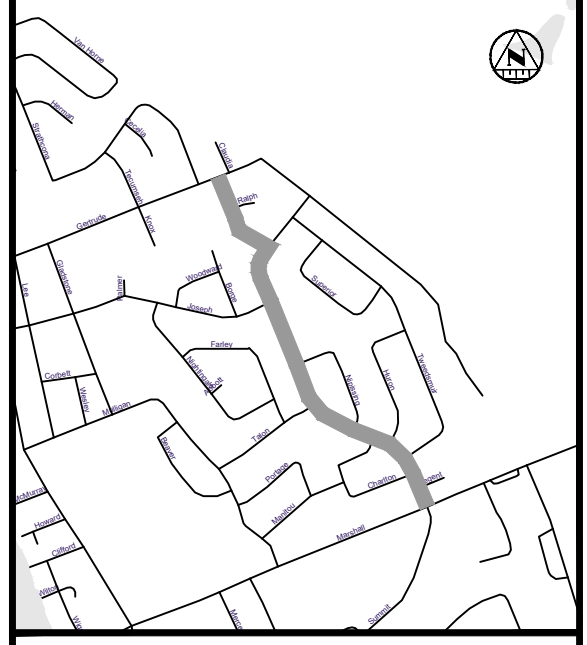
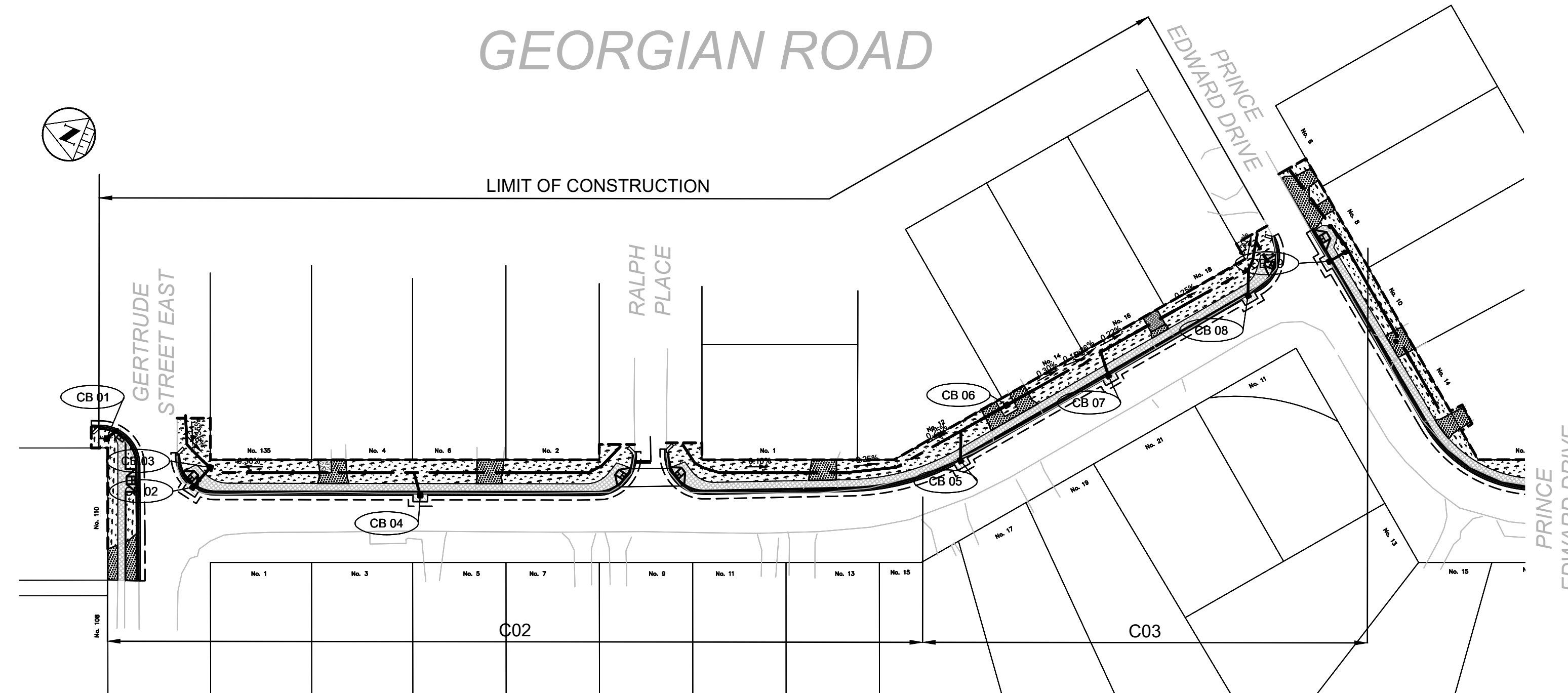
NORMAN AVENUE

**ICIP SIDEWALK PROGRAM
GEORGIAN, PRINCE EDWARD
& NORMAN ROAD**

Sheet Number	Sheet Title
CS	Cover Sheet
C01	Georgian General Plan
C02	Georgian Plan and Profile
C03	Georgian Plan and Profile
C04	Georgian Typical Cross Sections_Phase 2
C05	Georgian Road Details
C06	Prince Edward General Plan
C07	Prince Edward Plan and Profile
C08	Prince Edward Plan and Profile
C09	Prince Edward Plan and Profile
C10	Prince Edward Plan and Profile
C11	Prince Edward Plan and Profile
C12	Prince Edward Plan and Profile
C13	Prince Edward Typical Cross Sections
C14	Prince Edward Details
C15	Norman General Plan
C16	Norman Plan and Profile
C17	Norman Plan and Profile
C18	Norman Typical Cross Sections
C19	Norman Details

CITY OF NORTH BAY ICIP SIDEWALK PROGRAM

ISSUED FOR CONSTRUCTION
JLR JOB# 29996-000



KEY PLAN

LEGEND

- PROPOSED**
- 375mm Ø ST — STORM PIPE
 - — PROPOSED DITCH CENTERLINE
 - — PERFORATED PIPE
 - STP — CATCH BASIN AS PER OPSD 705.010
 - STP — STORM MAINTENANCE HOLE AS PER OPSD 701.010
 - STP — CATCH BASIN MAINTENANCE HOLE AS PER OPSD 701.010
 - — CURB & GUTTER WITH DEPRESSED CURB
 - — FULL DEPTH ROAD CUT WITH TOP LIFT MILLING
 - — CONCRETE SIDEWALK
 - — LIMIT OF GRADING
 - — TACTILE WALKING SURFACE INDICATOR (TWSI)
- EXISTING**
- BELL — BELL — EXISTING BELL
 - — EXISTING HYDRO
 - — EXISTING GAS
 - EX 200mm Ø SAN — EXISTING SANITARY PIPE
 - EX 150mm Ø SAN — EX. WATERMAIN & VALVE
 - — LOT/CONCESSION LINES
 - — EX. MAINTENANCE HOLE
 - — EDGE OF PAVEMENT
 - — HYDRO POLE/LIGHT
 - — EXISTING DITCH

REVISIONS

No.	Date	By	Description
1	OCT 05 2021	AT	ISSUED FOR 30% DESIGN
2	DEC 23 2021	CL	ISSUED FOR 60% DESIGN
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5	DEC 16 2022	CL	ISSUED FOR TENDER
6	JAN 13 2023	CL	RE-ISSUED FOR TENDER
7	APRIL 03 2023	CL	ISSUED FOR CONSTRUCTION



CITY OF NORTH BAY
ICIP SIDEWALK
PROGRAM

NEW CONSTRUCTION

Georgian Road
General Plan

Designer: A.Y. / C.B.	Checked by: D.L.
Date: 12/01/2021	Approved by: C.L.

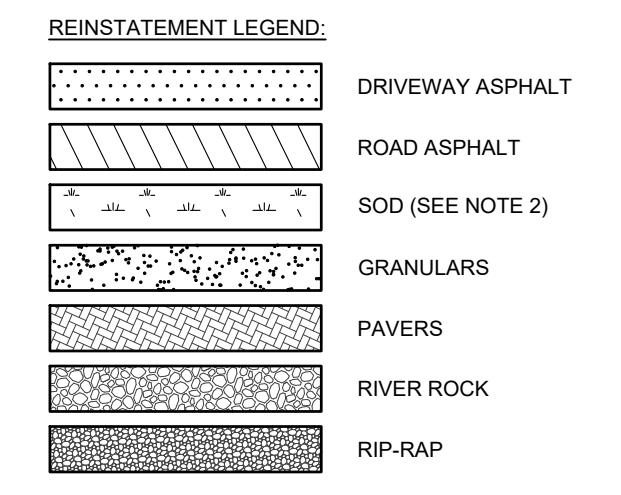
Scale:
1:750 - GEORGIAN ROAD

Drawing Number: C01	Drawing Set: 01 of 19
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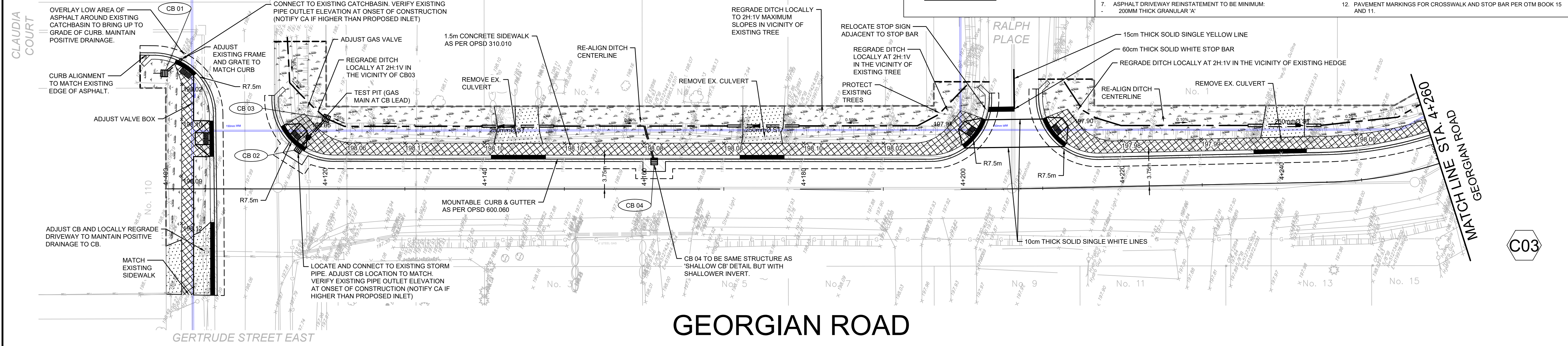
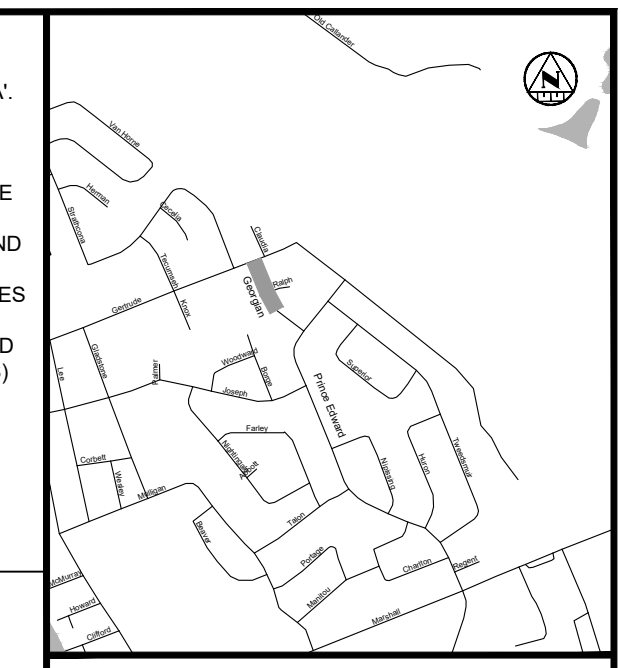
CONSTRUCTION NOTES:

1. THE LOCATION OF THE UTILITIES IS APPROXIMATE ONLY. THE EXACT LOCATION SHOULD BE DETERMINED BY CONSULTING THE MUNICIPAL AUTHORITIES AND UTILITY COMPANIES CONCERNED. THE CONTRACTOR SHALL PROVE THE LOCATION OF UTILITIES AND SHALL BE RESPONSIBLE FOR ADEQUATE PROTECTION FROM DAMAGE.
2. ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.
3. WITH THE EXCEPTION OF THE CITY OF NORTH BAY CONSTRUCTION SPECIFICATIONS & STANDARD DETAIL DRAWINGS REFERRED TO IN THIS CONTRACT, ONTARIO PROVINCIAL STANDARD DRAWINGS (OPSD) & STANDARD SPECIFICATIONS (OPSS) SHALL APPLY TO THIS CONTRACT.
4. ALL BASE MAPPING IS REFERENCED TO NORTH AMERICAN DATUM OF 1983 (NAD83)
5. ALL DISTURBED AREAS (SIDEWALK, PAVEMENT, CURB, SOD, ETC.) TO BE REINSTATED TO EXISTING CONDITIONS OR BETTER PER CITY OF NORTH BAY STANDARDS.
6. REFER TO GEOTECHNICAL REPORT. SOIL INFORMATION SHOWN IS NOT GUARANTEED AND CONTRACTORS ARE ADVISED TO COLLECT ADDITIONAL SOILS INFORMATION AS DEEMED NECESSARY.
7. CONTRACTOR TO ADVISE CONTRACT ADMINISTRATOR IMMEDIATELY OF ANY KNOWN CONFLICTS WITH TREES AND/OR EXISTING UTILITIES.
8. THE CONTRACTOR SHALL REMOVE, SALVAGE AND STORE IN SAFE AREA ALL EXISTING SIGNAGE IMPACTED BY WORK. REINSTATE ALL SIGNAGE AS PART OF WORK.
9. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING PROTECTION FOR ALL EXISTING UNDERGROUND AND ABOVE GROUND UTILITIES DURING CONSTRUCTION.
10. THE REINSTATEMENT DRAWINGS ARE APPROXIMATE ONLY AND ARE BASED ON SURVEY AND BASE MAPPING INFORMATION, WHICH MAY NOT INCLUDE ALL LANDSCAPING FEATURES AND DETAILS. SOME LANDSCAPING FEATURES MAY ALSO HAVE BEEN CHANGED BY HOMEOWNERS SINCE THE SURVEY WAS COMPLETED. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE DOCUMENTS PHOTOGRAPHING THE PRE-CONSTRUCTION CONDITIONS AND LANDSCAPING AT EACH PROPERTY PRIOR TO CARRYING OUT ANY REMOVALS. REINSTATEMENT SHALL MATCH THE PRE-CONSTRUCTION CONDITIONS UNLESS DIRECTED OTHERWISE BY THE CONTRACT ADMINISTRATOR.
11. EXISTING UNDERGROUND UTILITIES AND SERVICES DEPICTED ON THE DRAWINGS REPRESENT LOCATIONS IDENTIFIED ON THE CITY'S RECORD DRAWINGS. NOT ALL EXISTING UNDERGROUND UTILITIES AND SERVICES ARE DEPICTED ON THESE DRAWINGS. NO REPRESENTATION AS TO THE DEPTH OF ALL UTILITIES AND SERVICES IS MADE.
12. CONTRACTOR TO MAINTAIN ACCESS AT ALL TIMES TO ALL MH'S, VALVE BOXES AND VALVE CHAMBERS.
13. CONTRACTOR SHALL EXCAVATE NEAR AND TEMPORARILY SUPPORT EXISTING UTILITIES IN ACCORDANCE WITH THEIR THIRD-PARTY REQUIREMENTS. THE USE OF HYDRO-EXCAVATION IN THE VICINITY OF EXCAVATION AND TREES IS INCLUSIVE TO THE EXCAVATION WORK.
14. CONTRACTOR TO CONFIRM ALL PROPOSED STORM AND DITCH OUTLET ELEVATIONS AT THE ONSET OF CONSTRUCTION. NOTIFY THE CA OF ANY DISCREPANCIES.

Structure Table						
Structure Name	Structure Type	Cover	Rim Elevation (m)	Connected Pipes (m)	Sump Depth (m)	Northing
CB 01	Shallow OPSD (road)	Standard	197.50	200mm INV OUT + 197.200	0.60	512749.1416
CB 02	Regular OPSD (705.010)	Standard	197.50	200mm INV IN + 196.940	0.60	5127479.9611
CB 03	Shallow OPSD (road)	Standard	197.45	200mm INV OUT + 197.000	0.60	5127478.1815
CB 04	Shallow OPSD (road)	Standard	198.01	150mm INV OUT + 197.628	0.60	5127438.0041
CB 05	Shallow OPSD	Standard	197.53	150mm INV OUT + 197.528	0.60	5127342.3371
CB 06	Regular OPSD (705.010)	Standard	197.94	200mm INV IN + 197.454	0.60	5127338.0001
CB 07	Shallow OPSD	Standard	198.00	200mm INV OUT + 197.420	0.60	5127321.6594
CB 08	Shallow OPSD	Standard	197.78	150mm INV OUT + 197.422	0.60	5127352.1600



- CONSTRUCTION NOTES:**
- CONTRACTOR TO CONFIRM ALL GRADES AND TIE-IN POINTS PRIOR TO CONSTRUCTING NEW SIDEWALKS.
 - REINSTATE GRASSED AREAS WITH 100MM OF TOPSOIL AND No.1 NURSERY SOD.
 - PROTECT ALL UTILITIES INCLUDING UTILITY POLES.
 - ALL TREES ARE TO BE PROTECTED.
 - SAW CUT ASPHALT TO PROVIDE CLEAN LINES PRIOR TO REINSTATEMENT. PROVIDE 300MM WIDE STEP JOINT (400MM DEEP), TREAT ALL CUT FACES WITH TACK COAT BEFORE FLAGGING NEW ASPHALT.
 - WHERE APPLICABLE, REMOVE AND SALVAGE INTERLOCKING BRICK PAVERS AS REQUIRED FOR CONSTRUCTION OF NEW SIDEWALK.
 - ASPHALT DRIVEWAY REINSTATEMENT TO BE MINIMUM:
 - 200MM THICK GRANULAR 'A'
 - GRANULAR DRIVEWAY REINSTATEMENT TO BE MINIMUM 200MM GRANULAR 'A'.
 - THE UTILITIES INFORMATION CONTAINED ON THIS DRAWING MAY BE BASED UPON DATA PROVIDED BY OTHERS AND MAY NOT HAVE BEEN VERIFIED BY EITHER AS-CONSTRUCTED DRAWINGS OR AN ONTARIO LAND SURVEYOR. THE CITY OF NORTH BAY CANNOT ACCEPT RESPONSIBILITY FOR ERRORS OR OMISSIONS ON ANY INFORMATION SHOWN HEREIN. FIELD VERIFICATION, LAND SURVEYS OR EXCAVATION (WITH CITY APPROVALS) MAY BE REQUIRED TO DETERMINE ACTUAL LOCATION OF ANY AND ALL UTILITIES OR PROPERTY LINES WARRANT IT.
 - 3H:1V DITCH SIDE SLOPE TYPICAL. 2H:1V DITCH SIDE SLOPE TO ONLY BE USED LOCALLY WHERE EXISTING FEATURES (IE. TREES, UTILITY POLES, HYDRANTS) WARRANT IT.
 - MATCH CATCHBASIN TOP OF GRATE ELEVATIONS WITH ADJACENT EXISTING EDGE OF ASPHALT WHEN LOCATED ALONG THE SIDE OF ROAD.
 - PAVEMENT MARKINGS FOR CROSSWALK AND STOP BAR PER OTM BOOK 15 AND 11.



KEY PLAN

LEGEND

PROPOSED

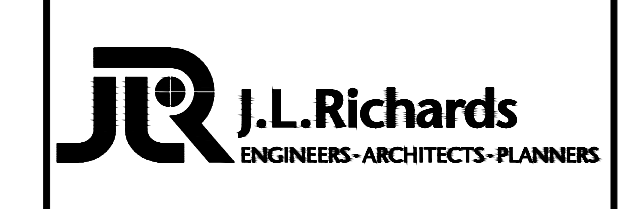
- 375mmØ ST - STORM PIPE
- PROPOSED DITCH CENTERLINE
- PERFORATED PIPE
- CATCH BASIN AS PER OPSD 705.010
- STORM MAINTENANCE HOLE AS PER OPSD 701.010
- CATCH BASIN MAINTENANCE HOLE AS PER OPSD 701.010
- CURB & GUTTER WITH DEPRESSED CURB
- FULL DEPTH ROAD CUT WITH TOP LIFT MILLING
- CONCRETE SIDEWALK
- LIMIT OF GRADING
- TACTILE WALKING SURFACE INDICATOR (TWS)

EXISTING

- BELL-BELL
- EXISTING HYDRO
- EXISTING GAS
- EX 200mmØ SAN
- EX 150mmØ SAN
- EX WATERMAIN & VALVE
- LOT/CONCESSION LINES
- EX MAINTENANCE HOLE
- EDGE OF PAVEMENT
- HYDRO POLE/LIGHT
- EXISTING DITCH

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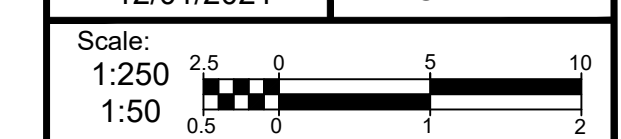


**CITY OF NORTH BAY
ICIP SIDEWALK
PROGRAM**

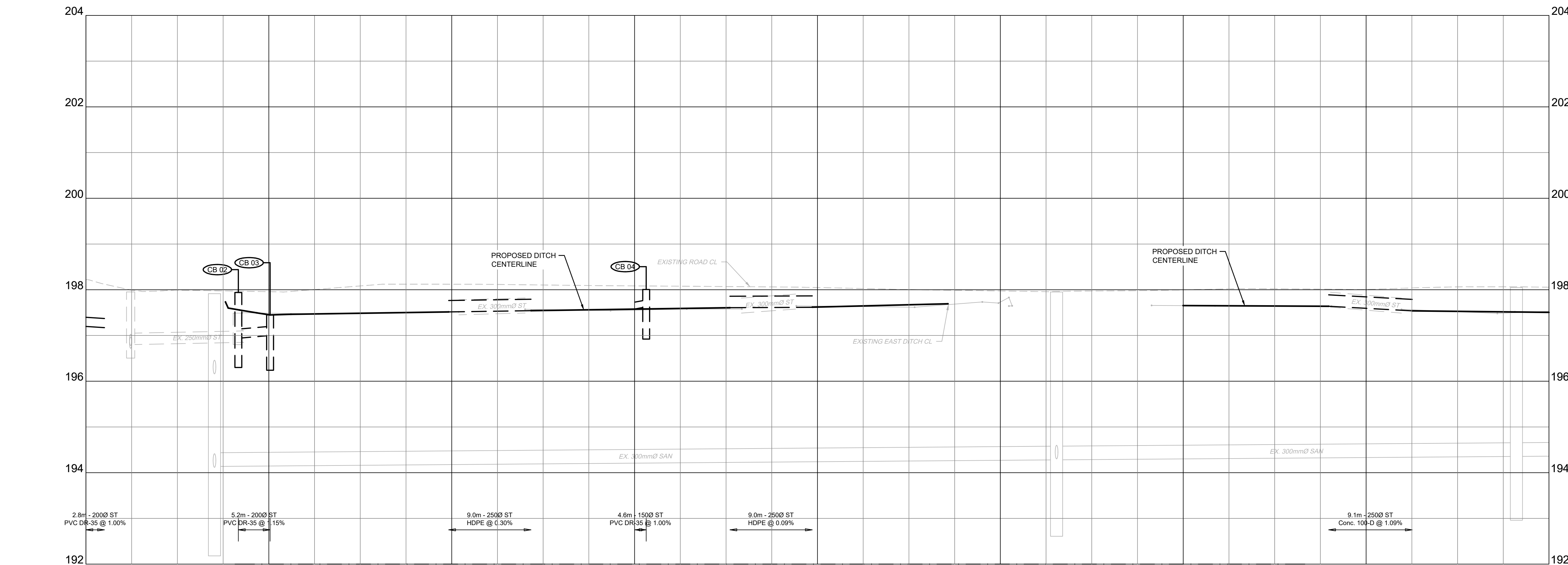
NEW CONSTRUCTION

**Georgian Road
Plan & Profile**
Sta. 4+100 to Sta. 4+260

Designer: A.Y. / C.B.	Checked by: D.L.
Date: 12/01/2021	Approved by: C.L.



Drawing Number: C02	Drawing Set: 02 of 19
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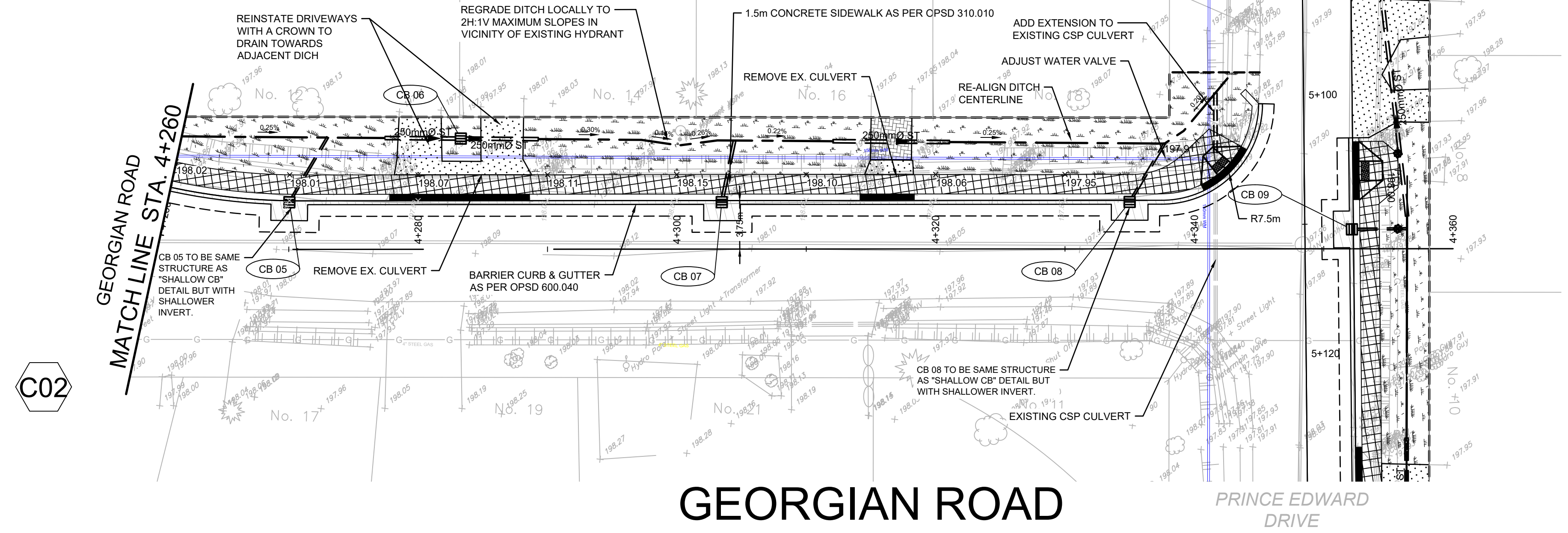
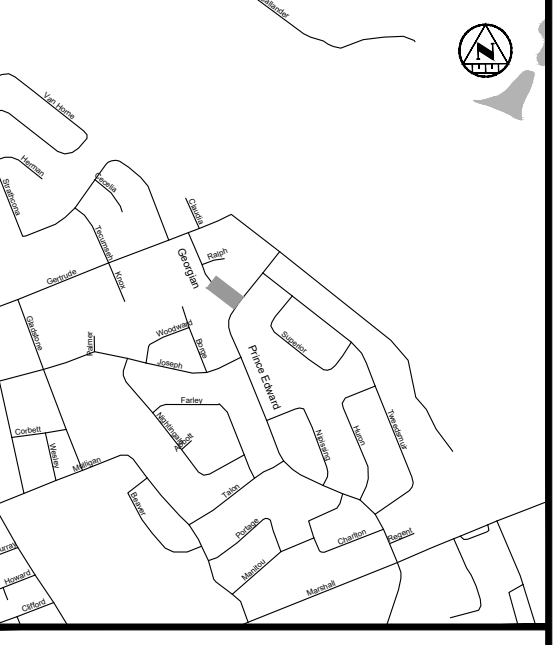
EXISTING ROAD CIL ELEVATIONS	197.20	197.171	197.000	197.000	197.515	197.542	197.638	197.616	197.638	197.638	197.539	197.539
STORM SEWER INV. ELEVATION	197.200	197.171	197.000	197.000	197.515	197.542	197.638	197.616	197.638	197.638	197.539	197.539
C.L. ROADWAY STATION	4+100.00	4+120.00	4+140.00	4+160.00	4+180.00	4+200.00	4+220.00	4+240.00	4+260.00	4+280.00	4+300.00	4+320.00

REINSTATEMENT LEGEND:

- DRIVEWAY ASPHALT
- ROAD ASPHALT
- SOD (SEE NOTE 2)
- GRANULARS
- PAVERS
- RIVER ROCK
- RIP-RAP

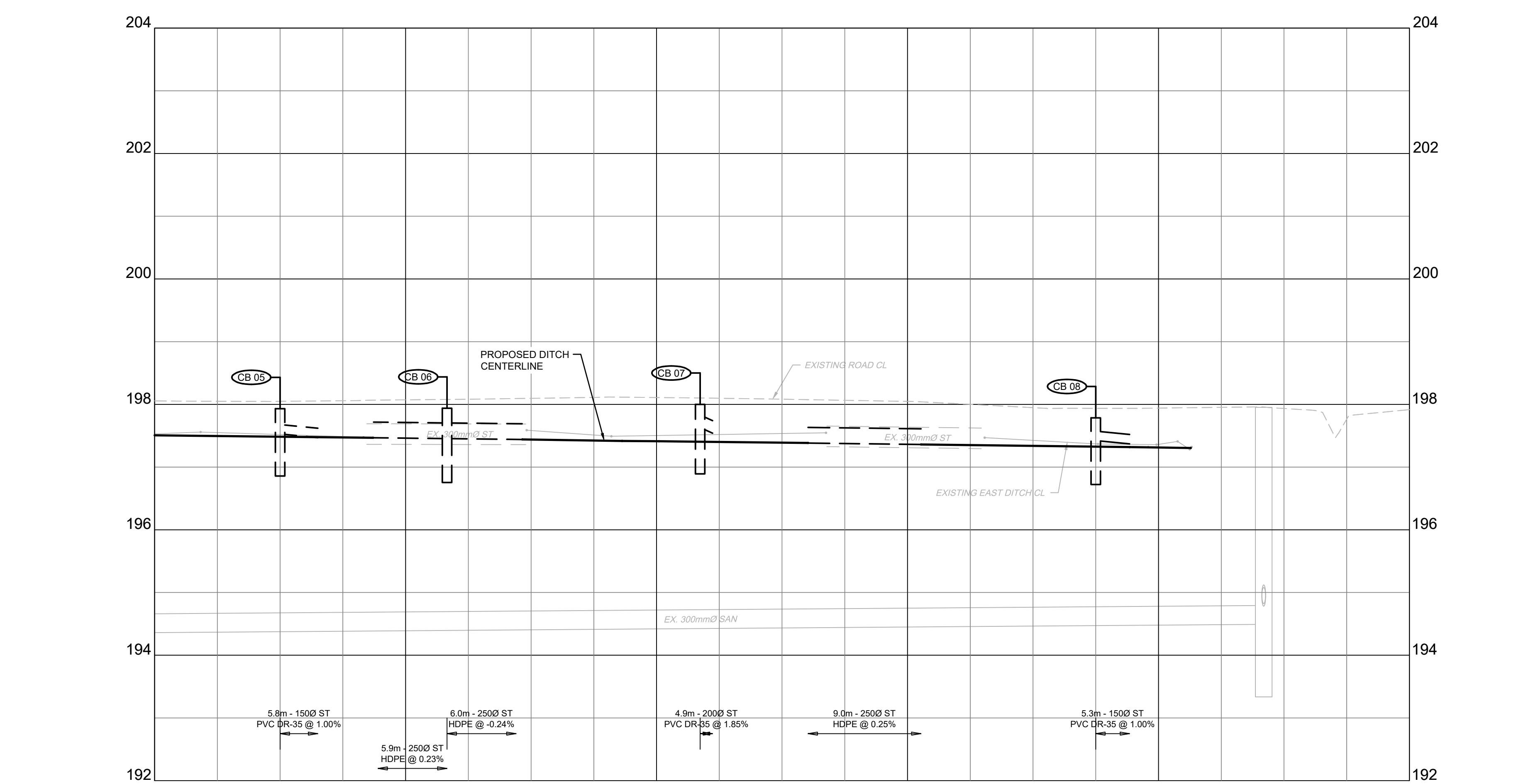
CONSTRUCTION NOTES:

1. CONTRACTOR TO CONFIRM ALL GRADES AND TIE-IN POINTS PRIOR TO CONSTRUCTING NEW SIDEWALKS.
2. REINSTATE GRASSED AREAS WITH 100MM OF TOPSOIL AND No.1 NURSERY SOD.
3. PROTECT ALL UTILITIES INCLUDING UTILITY POLES.
4. ALL TREES ARE TO BE PROTECTED.
5. SAW CUT ASPHALT TO PROVIDE CLEAN LINES PRIOR TO REINSTATEMENT. PROVIDE 300MM WIDE STEP JOINT 400MM DEEP. TREAT ALL CUT FACES WITH TACK COAT BEFORE PLACING NEW ASPHALT.
6. WHERE APPLICABLE, REMOVE AND SALVAGE INTERLOCKING BRICK PAVERS AS REQUIRED FOR CONSTRUCTION OF NEW SIDEWALK.
7. ASPHALT DRIVEWAY REINSTATEMENT TO BE MINIMUM 200MM THICK GRANULAR 'A'.
8. GRANULAR DRIVEWAY REINSTATEMENT TO BE MINIMUM 200MM GRANULAR 'A'.
9. THE UTILITIES INFORMATION CONTAINED ON THIS DRAWING MAY BE BASED UPON DATA PROVIDED BY OTHERS AND MAY NOT HAVE BEEN VERIFIED BY EITHER AS-CONSTRUCTED DRAWINGS OR AN ONTARIO LAND SURVEYOR. THE CITY OF NORTH BAY CANNOT ACCEPT RESPONSIBILITY FOR ERRORS OR OMISSIONS ON ANY INFORMATION SHOWN HEREIN. FIELD VERIFICATION, LAND SURVEYS OR EXCAVATION (WITH CITY APPROVALS) MAY BE REQUIRED TO DETERMINE ACTUAL LOCATION OF ANY AND ALL UTILITIES OR PROPERTY LINES.
10. 3H:1V DITCH SIDE SLOPE TYPICAL. 2H:1V DITCH SIDE SLOPE TO ONLY BE USED LOCALLY WHERE EXISTING FEATURES (IE. TREES, UTILITY POLES, HYDRANTS) WARRANT IT.
11. MATCH CATCHBASIN TOP OF GRATE ELEVATIONS WITH ADJACENT EXISTING EDGE OF ASPHALT WHEN LOCATED ALONG THE SIDE OF ROAD.
12. PAVEMENT MARKINGS FOR CROSSWALK AND STOP BAR PER OTM BOOK 15 AND 11.



GEORGIAN ROAD

PRINCE EDWARD DRIVE



EXISTING ROAD CL ELEVATIONS	197.12	198.07	198.11	198.12	197.84
STORM SEWER INV. ELEVATION	4+270.00 197.528	197.470	197.467	4+305.49 197.530 197.540	197.383
C.L. ROADWAY STATION	4+260.00	4+280.00	4+300.00	4+320.00	4+340.00

KEY PLAN

LEGEND PROPOSED

- STORM PIPE
 - PROPOSED DITCH CENTERLINE
 - PERFORATED PIPE
 - CATCH BASIN AS PER OPSP 705.010
 - STORM MAINTENANCE HOLE AS PER OPSP 701.010
 - CATCH BASIN MAINTENANCE HOLE AS PER OPSP 701.010
 - CURB & GUTTER WITH DEPRESSED CURB
 - FULL DEPTH ROAD CUT WITH TOP LIFT MILLING
 - CONCRETE SIDEWALK
 - LIMIT OF GRADING
 - TACTILE WALKING SURFACE INDICATOR (TWSI)
- EXISTING**
- EXISTING BELL
 - EXISTING HYDRO
 - EXISTING GAS
 - EXISTING SANITARY PIPE
 - EX. WATERMAIN & VALVE
 - LOT/CONCESSION LINES
 - EX. MAINTENANCE HOLE
 - EDGE OF PAVEMENT
 - HYDRO POLE/LIGHT
 - EXISTING DITCH

REVISIONS

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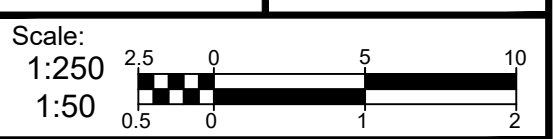


**CITY OF NORTH BAY
ICIP SIDEWALK
PROGRAM**

NEW CONSTRUCTION

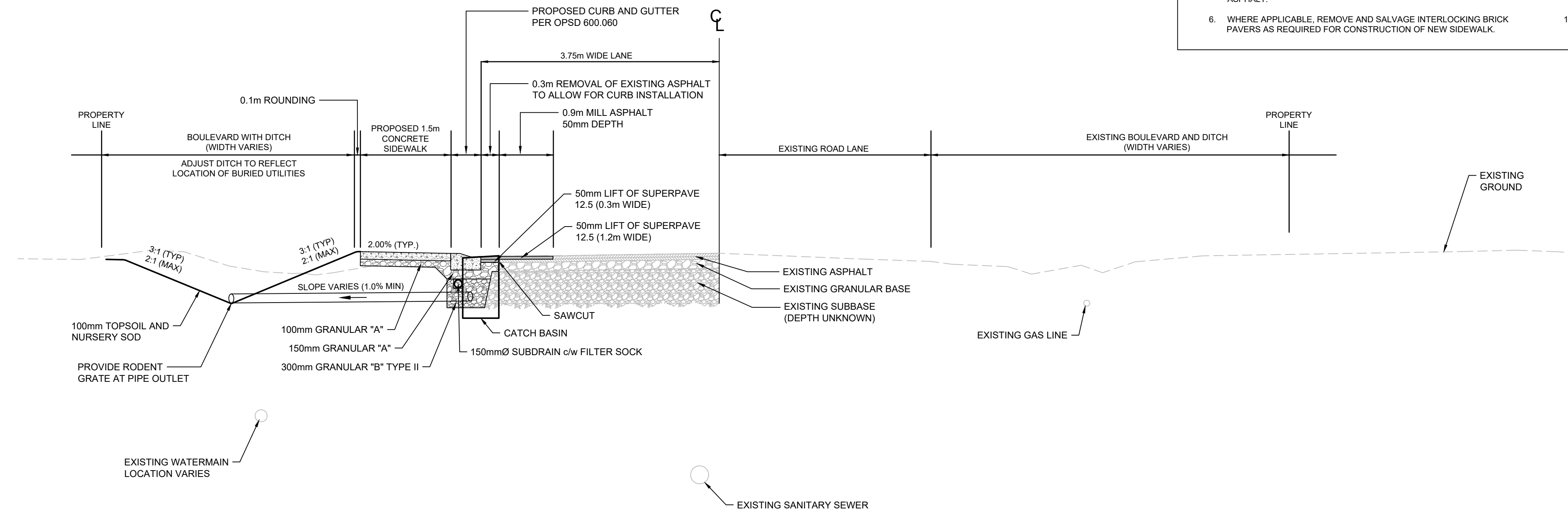
**Georgian Road
Plan & Profile**
Sta. 4+260 to Sta. 4+360

Designer: A.Y. / C.B.	Checked by: D.L.
Date: 12/01/2021	Approved by: C.L.



Drawing Number: **C03** Drawing Set: **03 of 19**

- CONSTRUCTION NOTES:**
- CONTRACTOR TO CONFIRM ALL GRADES AND TIE-IN POINTS PRIOR TO CONSTRUCTING NEW SIDEWALKS.
 - REINSTATE GRASSED AREAS WITH 100MM OF TOPSOIL AND No.1 NURSERY SOD.
 - PROTECT ALL UTILITIES INCLUDING UTILITY POLES.
 - ALL TREES ARE TO BE PROTECTED.
 - SAW CUT ASPHALT TO PROVIDE CLEAN LINES PRIOR TO REINSTATEMENT. PROVIDE 300MM WIDE STEP JOINT (400MM DEEP). TREAT ALL CUT FACES WITH TACK COAT BEFORE PLACING NEW ASPHALT.
 - WHERE APPLICABLE, REMOVE AND SALVAGE INTERLOCKING BRICK PAVERS AS REQUIRED FOR CONSTRUCTION OF NEW SIDEWALK.
 - ASPHALT DRIVEWAY REINSTATEMENT TO BE MINIMUM:
 - 200MM THICK GRANULAR 'A'
 - 50MM THICK HL3F MIX WITH PGAC - 58-34
 - GRANULAR DRIVEWAY REINSTATEMENT TO BE MINIMUM 200MM GRANULAR 'A'.
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**GEORGIAN ROAD
TYPICAL CROSS SECTION**

STA. 4+185 SCALE: 1:50

KEY PLAN

LEGEND

PROPOSED

- 375mm Ø ST - STORM PIPE
- PROPOSED DITCH CENTERLINE
- PERFORATED PIPE
- CATCH BASIN AS PER OPSD 705.010
- STORM MAINTENANCE HOLE AS PER OPSD 701.010
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- LIMIT OF GRADING
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- TACTILE WALKING SURFACE INDICATOR (TWSI)

EXISTING

- BELL - BELL - EXISTING BELL
- H - H - EXISTING HYDRO
- G - G - EXISTING GAS
- EX. 200mm Ø SAN - EXISTING SANITARY PIPE
- EX. 305mm Ø W/M - EX. WATERMAIN & VALVE
- LOT/CONCESSION LINES
- EX. MAINTENANCE HOLE
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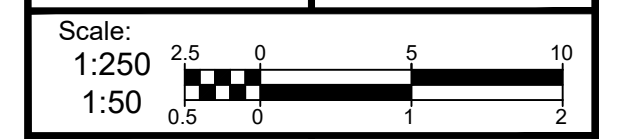


**CITY OF NORTH BAY
ICIP SIDEWALK
PROGRAM**

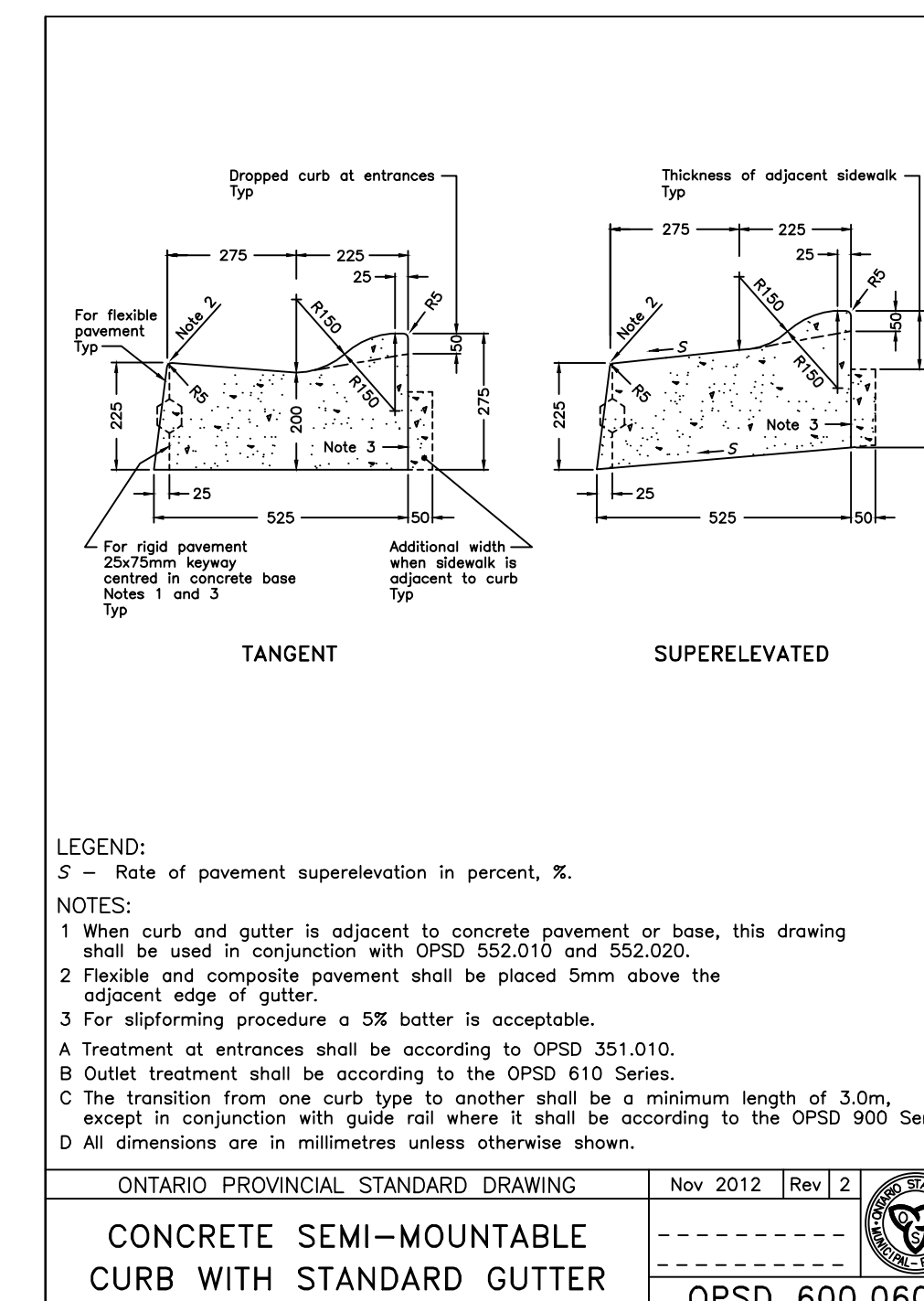
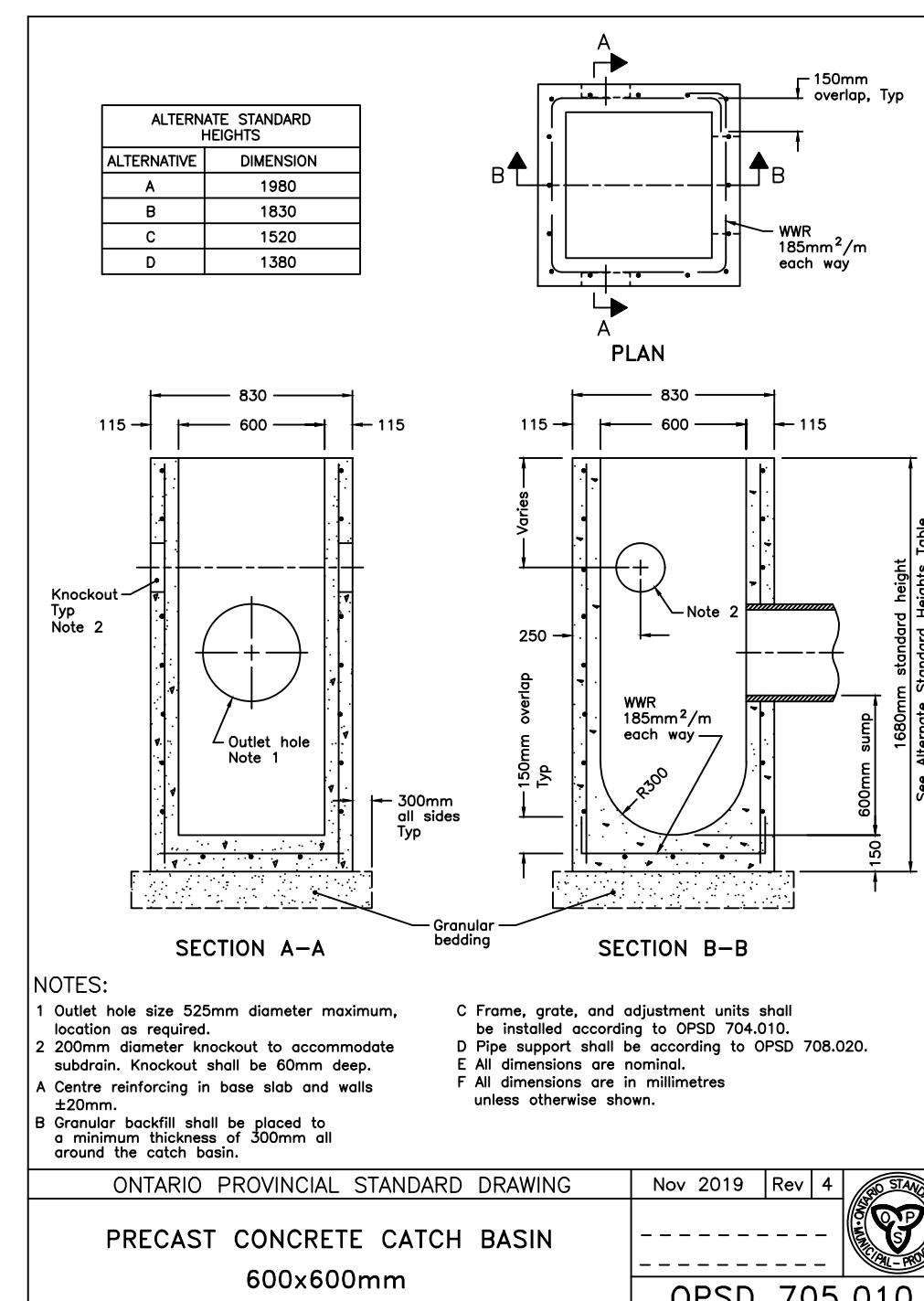
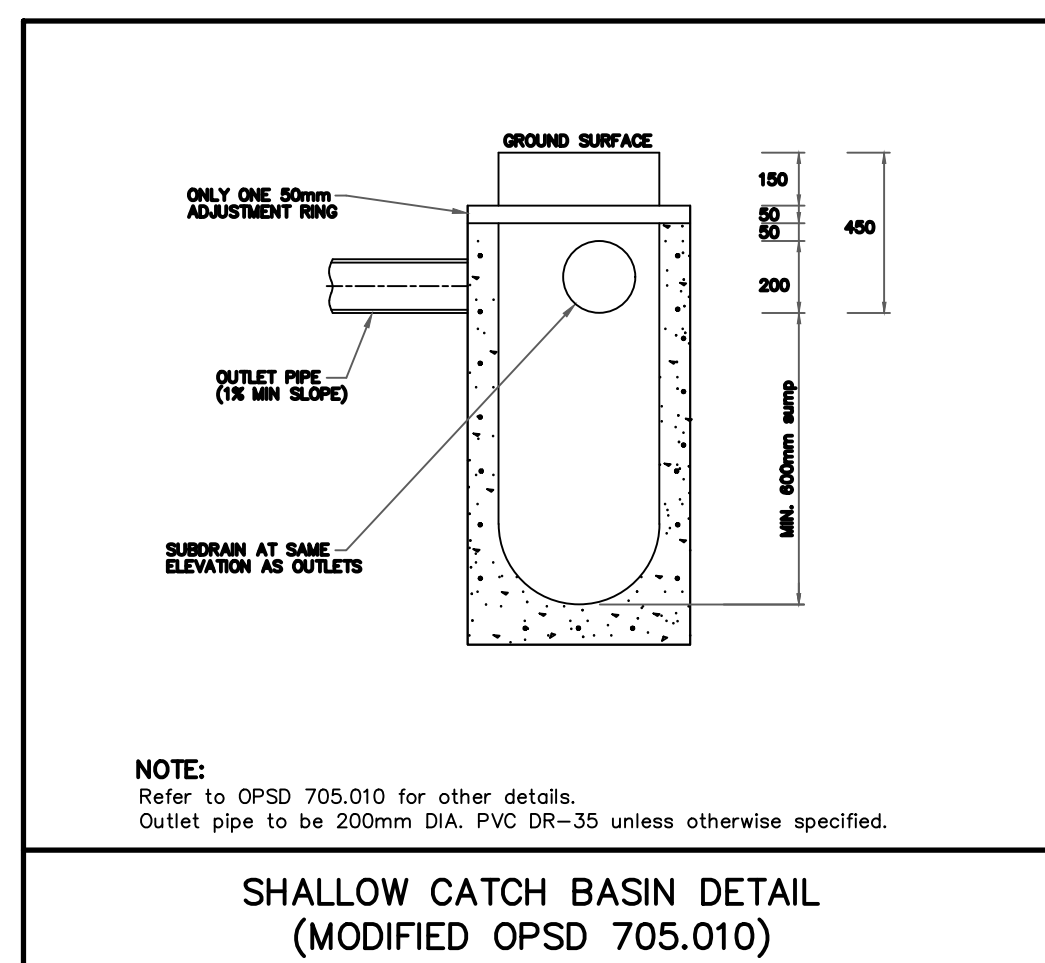
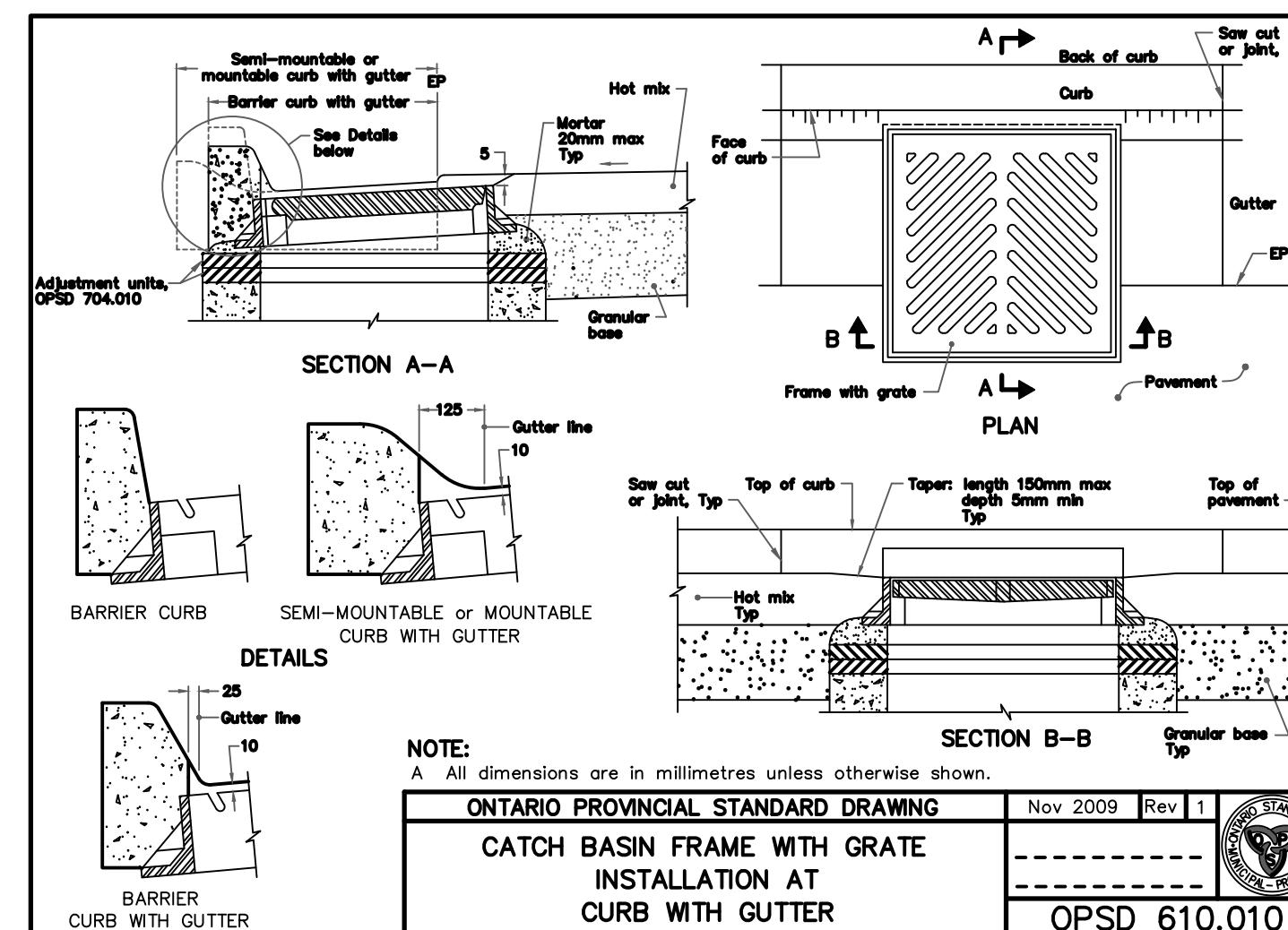
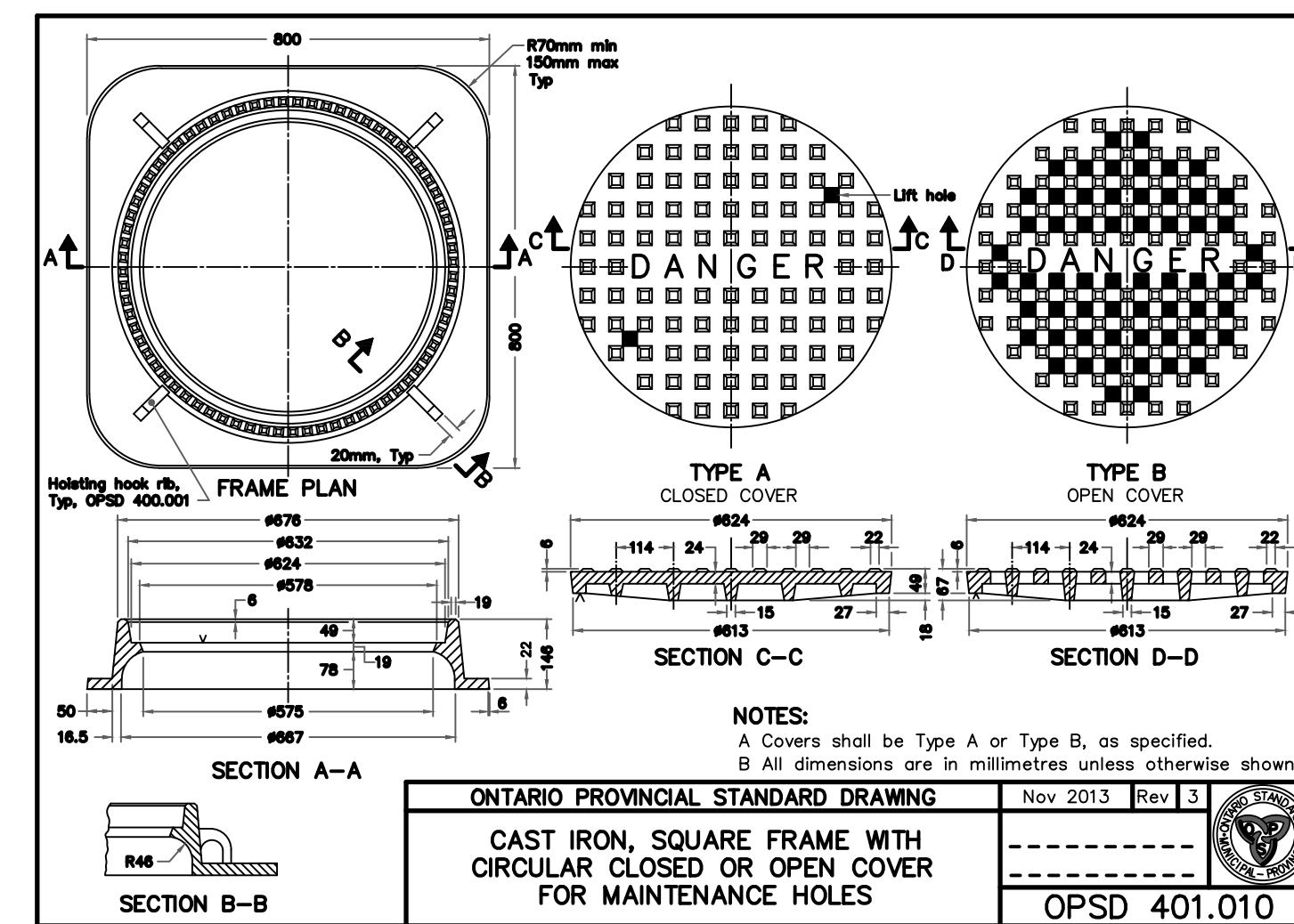
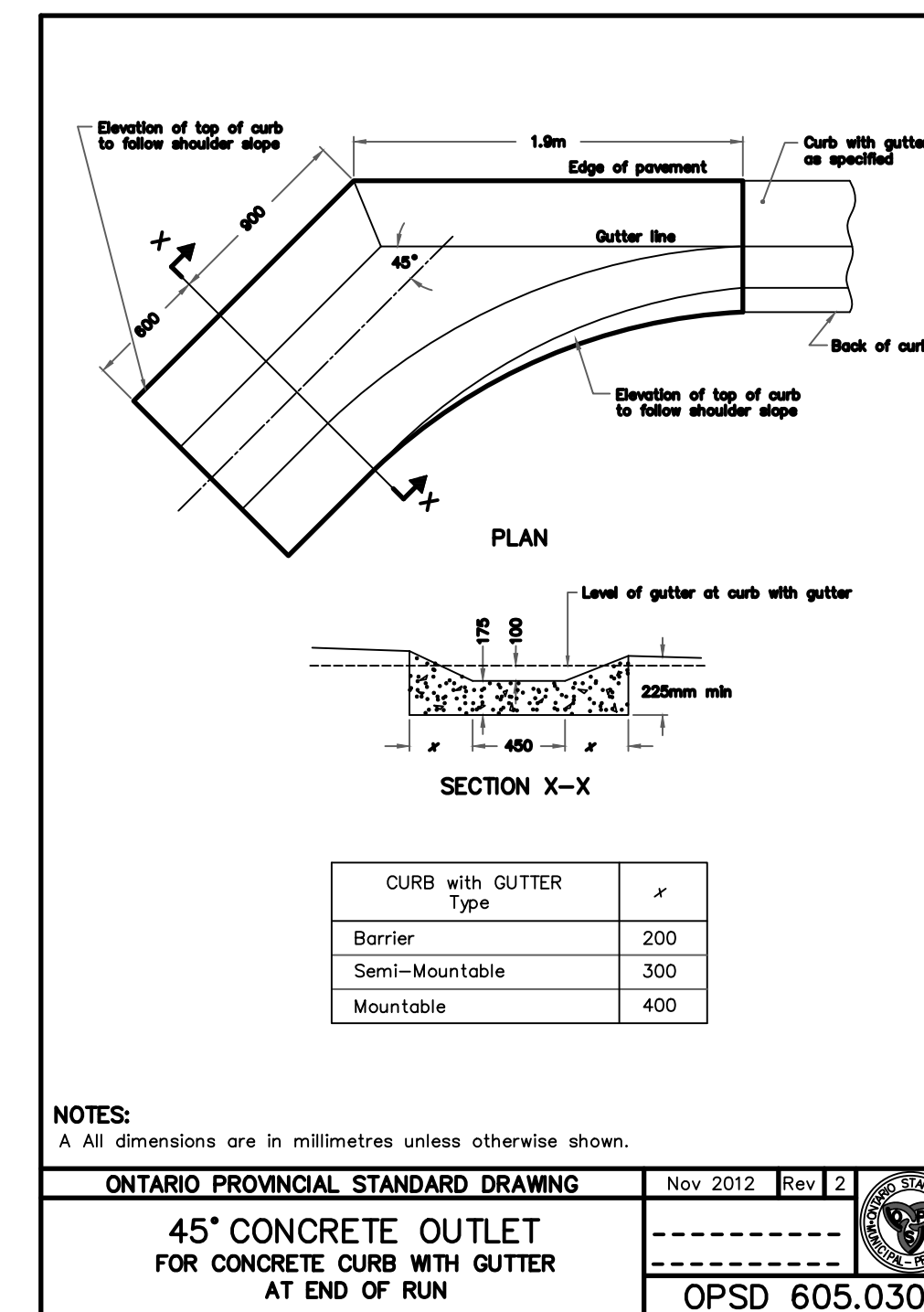
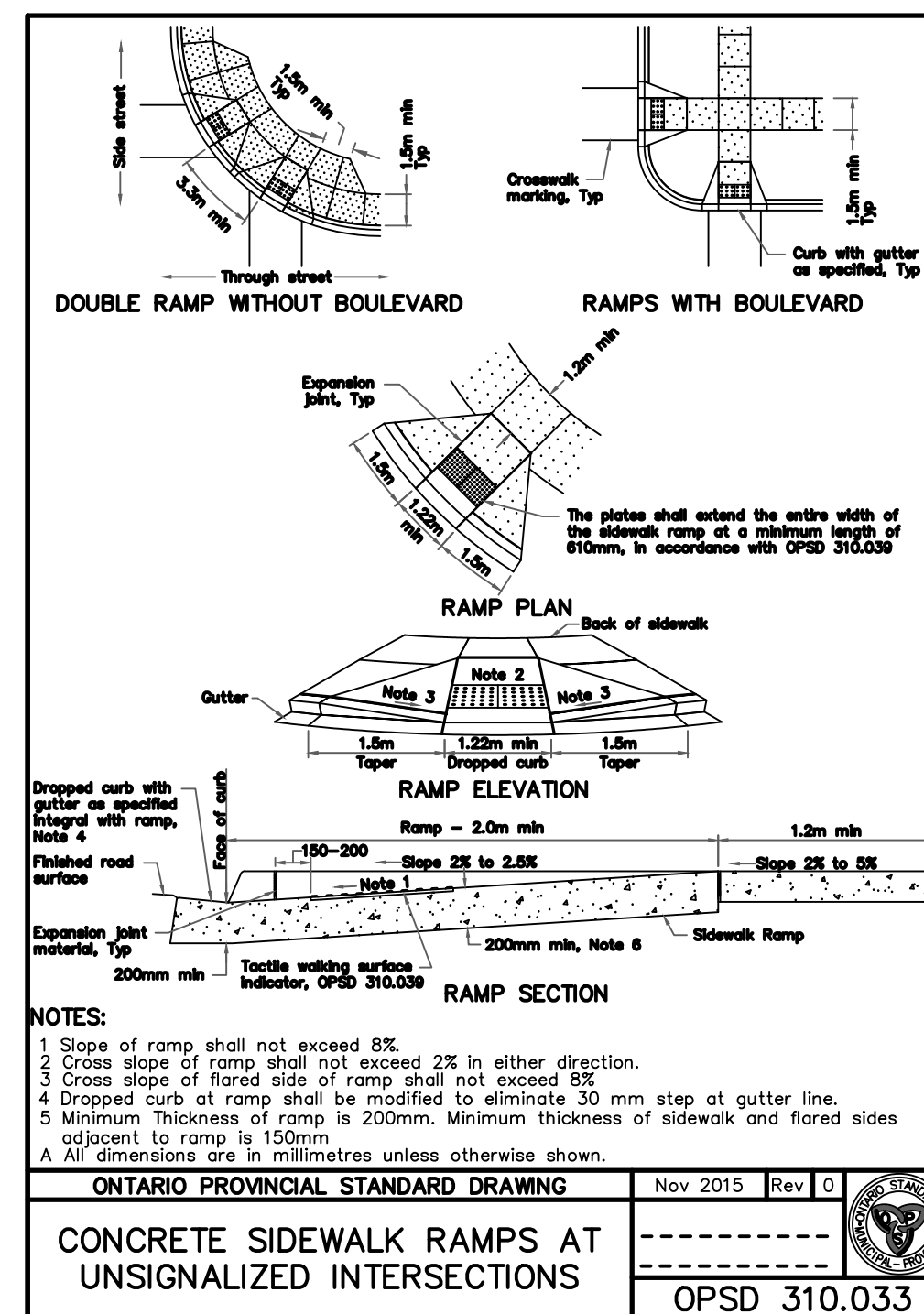
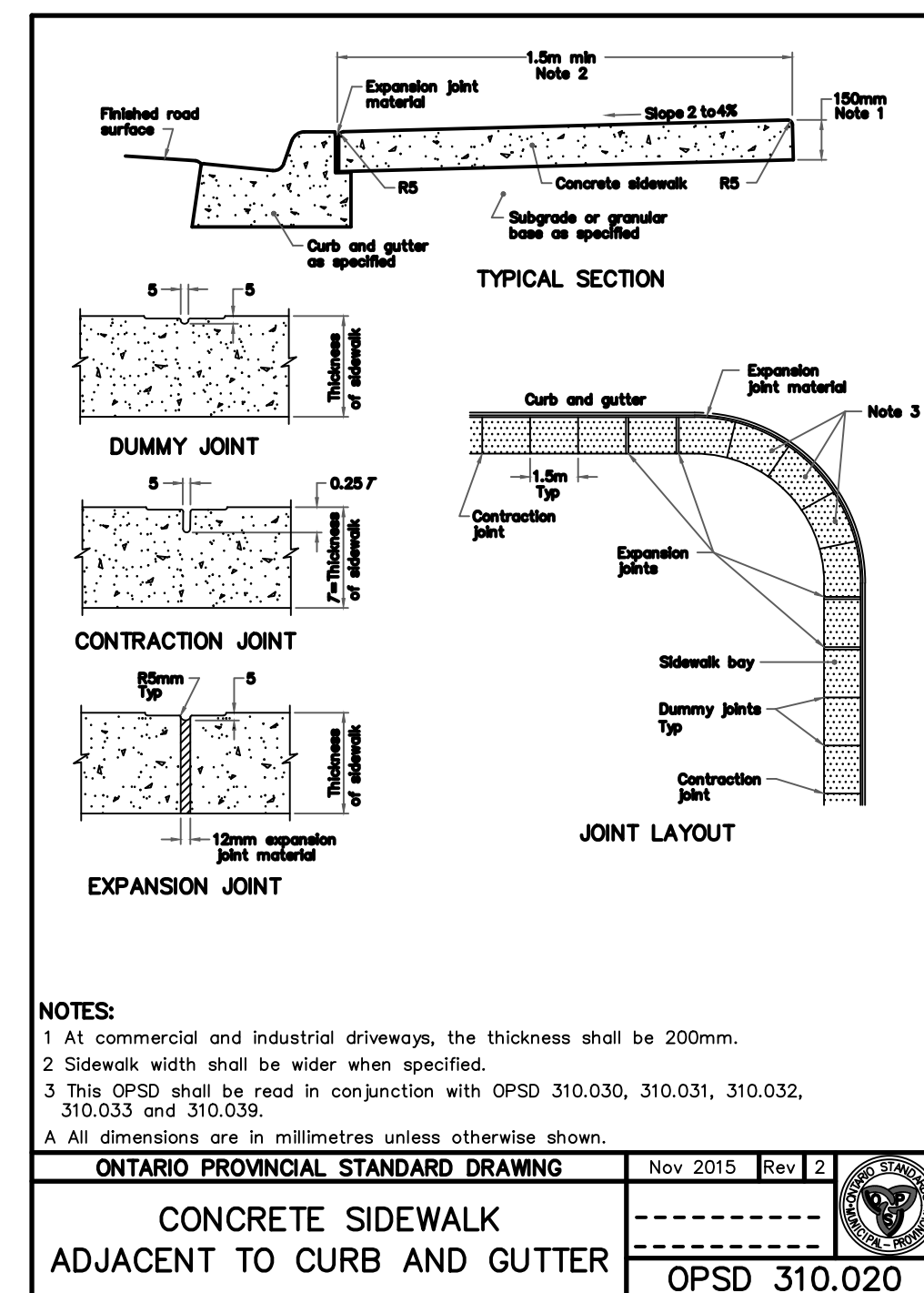
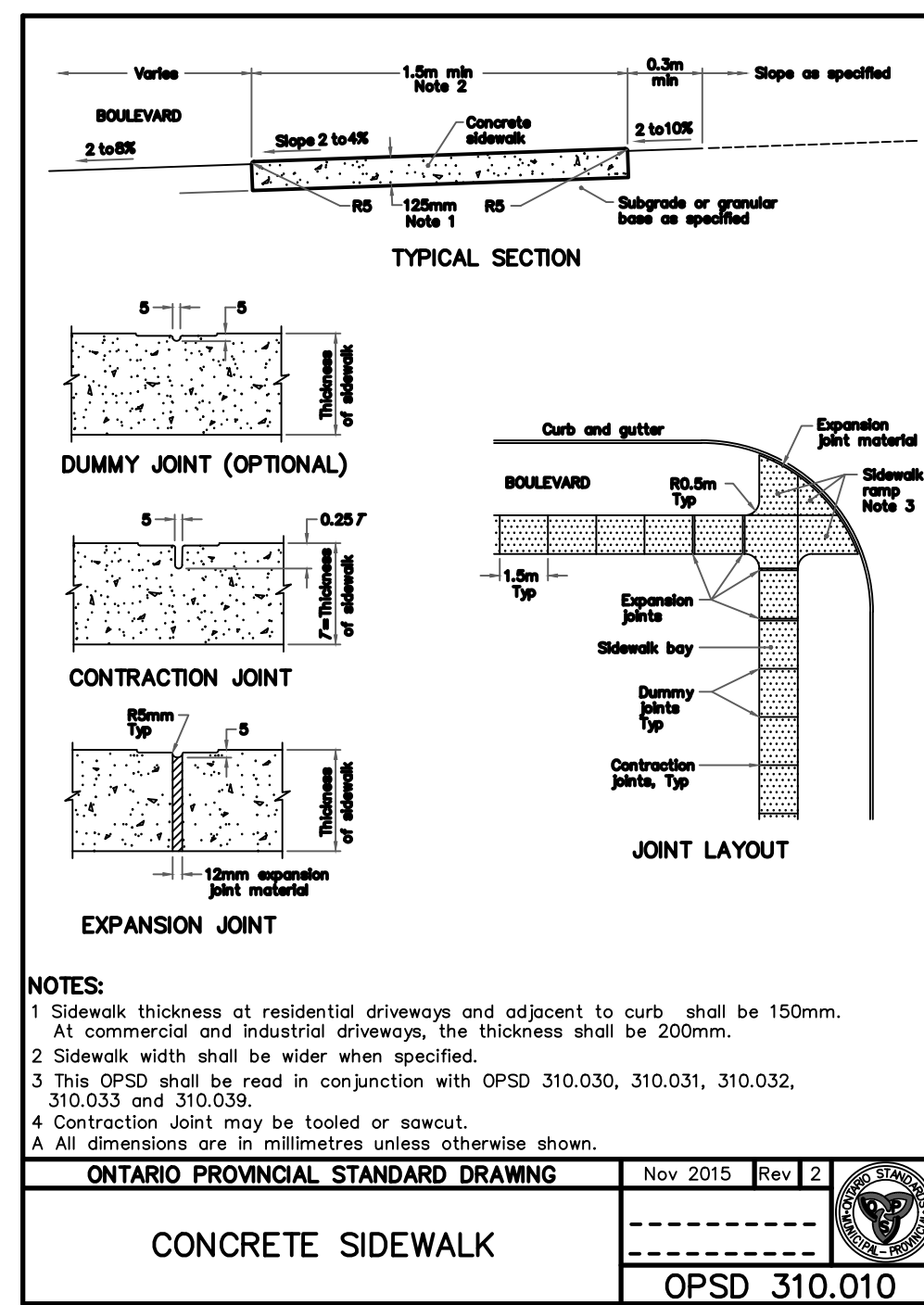
NEW CONSTRUCTION

**GEORGIAN ROAD
TYPICAL CROSS
SECTIONS**

Designer: A.Y. / C.B.	Checked by: D.L.
Date: 12/01/2021	Approved by: C.L.



Drawing Number: **C04** Drawing Set: **04 of 19**



KEY PLAN

LEGEND PROPOSED

- 375mm Ø ST - STORM PIPE
- PROPOSED DITCH CENTERLINE
- PERFORATED PIPE
- CATCH BASIN AS PER OPSD 705.010
- STP - STORM MAINTENANCE HOLE AS PER OPSD 701.010
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- BELL - BELL - EXISTING BELL
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7	APRIL 03 2023	CL	ISSUED FOR CONSTRUCTION

Professional Engineer
 C. A. LAMBERT
 100100107
 2023-04-04
 PROVINCE OF ONTARIO

J.R. J.L. Richards
 ENGINEERS-ARCHITECTS-PLANNERS

NORTH BAY
 ONTARIO, CANADA
 Just North Enough to be PERFECT

CITY OF NORTH BAY
ICIP SIDEWALK PROGRAM

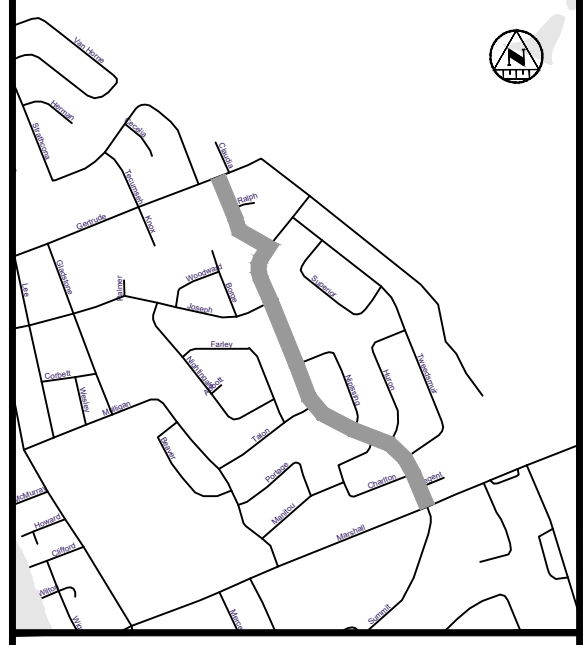
NEW CONSTRUCTION

Georgian Road Details

Designer: A.Y. / C.B. Checked by: D.L.
 Date: 12/01/2021 Approved by: C.L.

Scale: 1:250
 1:50

Drawing Number: C05 Drawing Set: 05 of 19



KEY PLAN

LEGEND

- PROPOSED**
- 375mm Ø ST - STORM PIPE
 - PROPOSED DITCH CENTERLINE
 - PERFORATED PIPE
 - CATCH BASIN AS PER OPSD 705.010
 - STORM MAINTENANCE HOLE AS PER OPSD 701.010
 - CATCH BASIN MAINTENANCE HOLE AS PER OPSD 701.010
 - CURB & GUTTER WITH DEPRESSED CURB
 - FULL DEPTH ROAD CUT WITH TOP LIFT MILLING
 - CONCRETE SIDEWALK
 - LIMIT OF GRADING
 - TACTILE WALKING SURFACE INDICATOR (TWSI)
- EXISTING**
- BELL-BELL
 - EXISTING HYDRO
 - EXISTING GAS
 - EXISTING SANITARY PIPE
 - EX. WATERMAIN & VALVE
 - EXISTING 200mm Ø SAN
 - LOT/CONCESSION LINES
 - EX. MAINTENANCE HOLE
 - EDGE OF PAVEMENT
 - HYDRO POLE/LIGHT
 - EXISTING DITCH

REVISIONS

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CITY OF NORTH BAY
ICIP SIDEWALK
PROGRAM

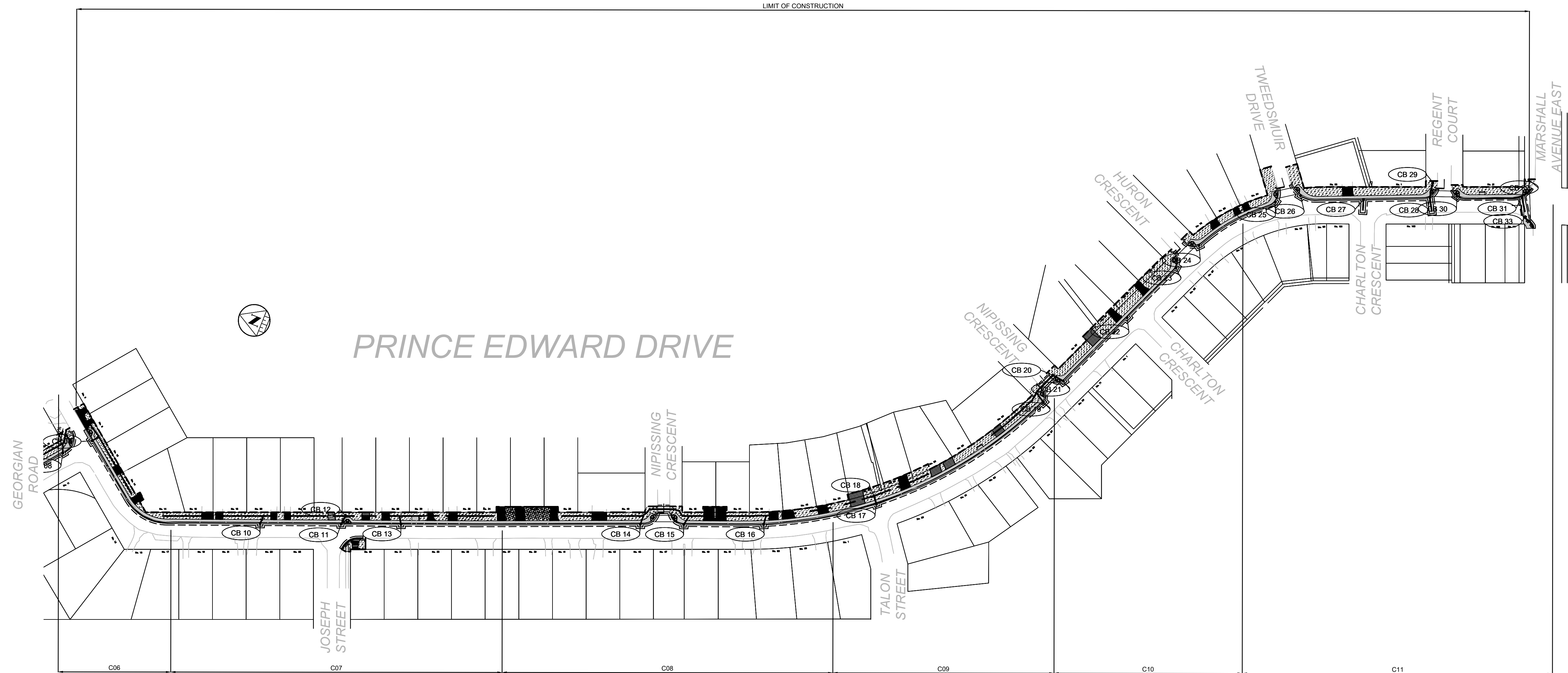
NEW CONSTRUCTION

Prince Edward Drive
General Plan

Designer: A.Y. / C.B.	Checked by: D.L.
Date: 12/01/2021	Approved by: C.L.

Scale:
1:1250 - PRINCE EDWARD DRIVE

Drawing Number: C06	Drawing Set: 06 of 19
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- CONSTRUCTION NOTES:**
- THE LOCATION OF THE UTILITIES IS APPROXIMATE ONLY. THE EXACT LOCATION SHOULD BE DETERMINED BY CONSULTING THE MUNICIPAL AUTHORITIES AND UTILITY COMPANIES CONCERNED. THE CONTRACTOR SHALL PROVE THE LOCATION OF UTILITIES AND SHALL BE RESPONSIBLE FOR ADEQUATE PROTECTION FROM DAMAGE.
 - ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.
 - WITH THE EXCEPTION OF THE CITY OF NORTH BAY CONSTRUCTION SPECIFICATIONS & STANDARD DETAIL DRAWINGS REFERRED TO IN THIS CONTRACT, ONTARIO PROVINCIAL STANDARD DRAWINGS (OPSD) & STANDARD SPECIFICATIONS (OPSS) SHALL APPLY TO THIS CONTRACT.
 - ALL BASE MAPPING IS REFERENCED TO NORTH AMERICAN DATUM OF 1983 (NAD83)
 - ALL DISTURBED AREAS (SIDEWALK, PAVEMENT, CURB, SOD, ETC.) TO BE REINSTATED TO EXISTING CONDITIONS OR BETTER PER CITY OF NORTH BAY STANDARDS.
 - REFER TO GEOTECHNICAL REPORT. SOIL INFORMATION SHOWN IS NOT GUARANTEED AND CONTRACTORS ARE ADVISED TO COLLECT ADDITIONAL SOILS INFORMATION AS DEEMED NECESSARY.
 - CONTRACTOR TO ADVISE CONTRACT ADMINISTRATOR IMMEDIATELY OF ANY KNOWN CONFLICTS WITH TREES AND/OR EXISTING UTILITIES.
 - THE CONTRACTOR SHALL REMOVE, SALVAGE AND STORE IN SAFE AREA ALL EXISTING SIGNAGE IMPACTED BY WORK. REINSTATE ALL SIGNAGE AS PART OF WORK.
 - THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING PROTECTION FOR ALL EXISTING UNDERGROUND AND ABOVE GROUND UTILITIES DURING CONSTRUCTION.
 - THE REINSTATEMENT DRAWINGS ARE APPROXIMATE ONLY AND ARE BASED ON SURVEY AND BASE MAPPING INFORMATION, WHICH MAY NOT INCLUDE ALL LANDSCAPING FEATURES AND DETAILS. SOME LANDSCAPING FEATURES MAY ALSO HAVE BEEN CHANGED BY HOMEOWNERS SINCE THE SURVEY WAS COMPLETED. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE DOCUMENTS PHOTOGRAPHING THE PRE-CONSTRUCTION CONDITIONS AND LANDSCAPING AT EACH PROPERTY PRIOR TO CARRYING OUT ANY REMOVALS. REINSTATEMENT SHALL MATCH THE PRE-CONSTRUCTION CONDITIONS UNLESS DIRECTED OTHERWISE BY THE CONTRACT ADMINISTRATOR.
 - EXISTING UNDERGROUND UTILITIES AND SERVICES DEPICTED ON THE DRAWINGS REPRESENT LOCATIONS IDENTIFIED ON THE CITY'S RECORD DRAWINGS. NOT ALL EXISTING UNDERGROUND UTILITIES AND SERVICES ARE DEPICTED ON THESE DRAWINGS. NO REPRESENTATION AS TO THE DEPTH OF ALL UTILITIES AND SERVICES IS MADE.
 - CONTRACTOR TO MAINTAIN ACCESS AT ALL TIMES TO ALL MHS, VALVE BOXES AND VALVE CHAMBERS.
 - CONTRACTOR SHALL EXCAVATE NEAR AND TEMPORARILY SUPPORT EXISTING UTILITIES IN ACCORDANCE WITH THEIR THIRD-PARTY REQUIREMENTS. THE USE OF HYDRO-EXCAVATION IN THE VICINITY OF EXCAVATION AND TREES IS INCLUSIVE TO THE EXCAVATION WORK.
 - CONTRACTOR TO CONFIRM ALL PROPOSED STORM AND DITCH OUTLET ELEVATIONS AT THE ONSET OF CONSTRUCTION. NOTIFY THE CA OF ANY DISCREPANCIES.

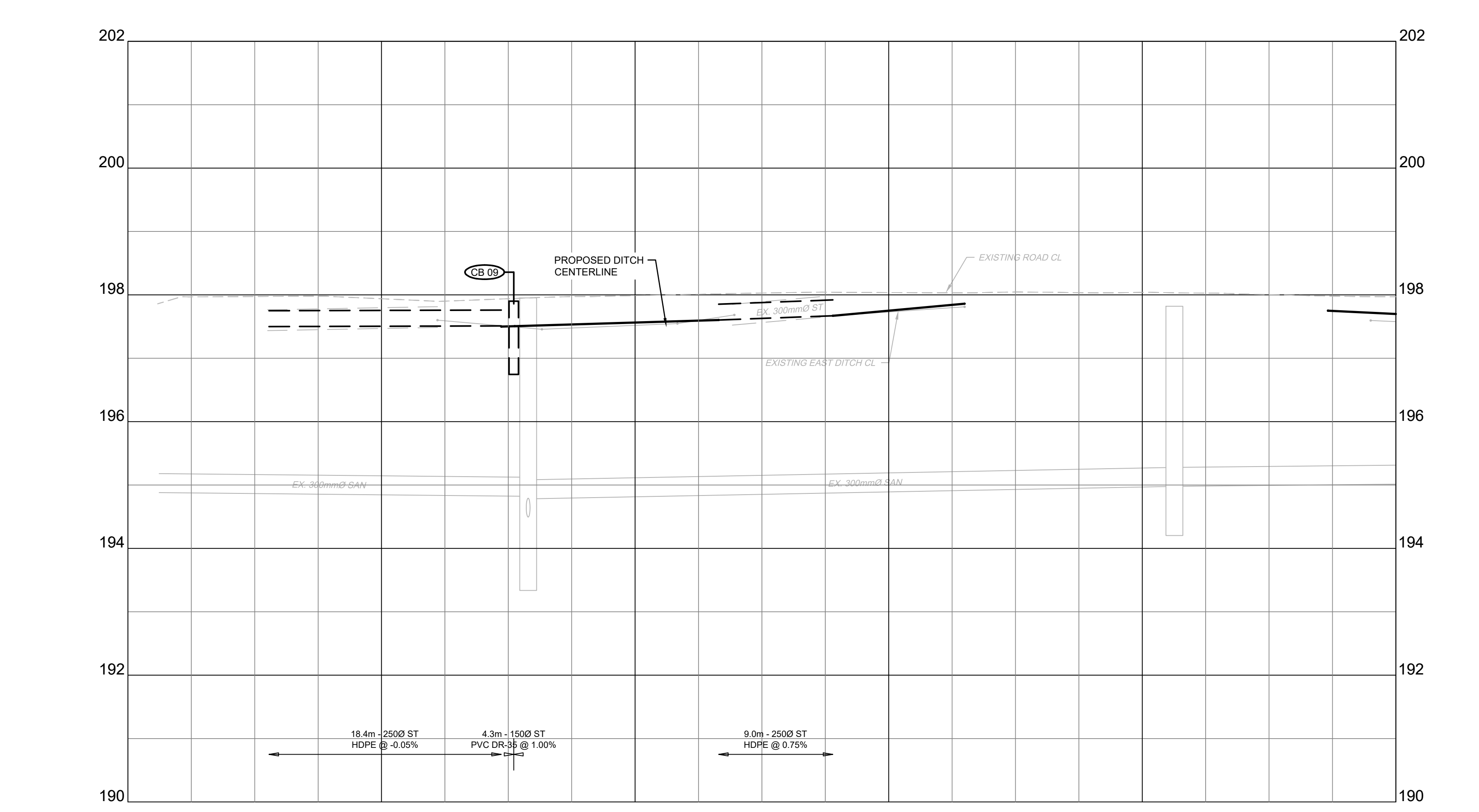
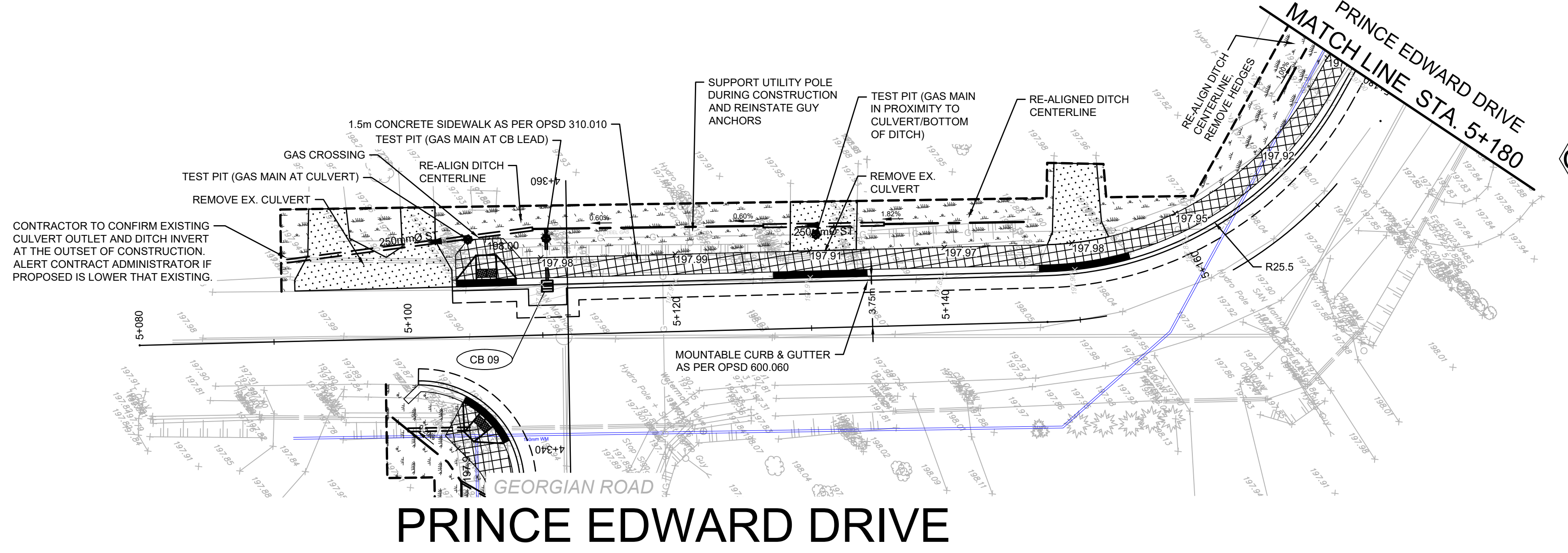
Structure Table							
Structure Name	Structure Type	Cover	Rim Elevation (m)	Connected Pipes (m)	Sump Depth (m)	Northing	Easting
CB 09	Shallow OPSD (man)	Standard	197.90	150mm INV OUT = 197.552	0.60	5127289.8661	620066.9697
CB 10	Shallow OPSD	Standard	197.90	150mm INV OUT = 197.534	0.60	5127188.4206	620058.9733
CB 11	Regular OPSD 705.010	Standard	198.01	250mm INV IN = 197.270 OUT = Existing CB Lead	0.60	5127147.4548	620075.1986
CB 12	Regular OPSD 705.010	Standard	198.10	250mm INV IN = 197.400 250mm INV IN = 197.340 250mm INV OUT = 197.220	0.60	5127146.9108	620080.1182
CB 13	Shallow OPSD	Standard	198.06	200mm INV OUT = 197.582	0.60	5127117.2800	620087.1820
CB 14	Shallow OPSD	Standard	197.99	150mm INV OUT = 197.598	0.60	5126996.8992	620135.7735
CB 15	Regular OPSD 705.010	Standard	198.00	200mm INV OUT = 197.549	0.60	5126974.7888	620144.4720
CB 16	Shallow OPSD	Standard	197.94	200mm INV OUT = 197.435	0.60	5126934.5284	620160.7145
CB 17	Regular OPSD 705.010	Standard	197.84	250mm INV IN = 197.040 OUT = Existing CB Lead	0.60	5126881.8578	620193.9372
CB 18	Regular OPSD 705.010	Standard	197.95	250mm INV IN = 197.100 250mm INV IN = 197.100 250mm INV OUT = 197.090	0.60	5126884.7429	620197.4144
CB 19	Shallow OPSD	Standard	197.91	200mm INV OUT = 197.380	0.60	5126818.4022	620279.1962
CB 20	Shallow OPSD	Undefined	197.24	200mm INV OUT = 196.785	0.60	5126819.0912	620284.6666
CB 21	Regular OPSD 705.010	Standard	197.93	200mm INV IN = 196.720 OUT = Existing CB Lead	0.60	5126812.8369	620293.8470
CB 22	Regular OPSD 705.010	Standard	197.96	OUT = Existing CB Lead	0.60	5126793.4318	620338.7891
CB 23	Regular OPSD 705.010	Standard	197.82	OUT = Existing CB Lead	0.60	5126778.9108	620373.6569
CB 24	Regular OPSD 705.010	Standard	197.65	OUT = Existing CB Lead	0.60	5126771.8771	620389.8170
CB 25	Shallow OPSD	Standard	197.74	OUT = Existing CB Lead	0.60	5126742.1893	620427.1120
CB 26	Shallow OPSD	Standard	197.76	OUT = Existing CB Lead	0.60	5126730.7868	620435.4993
CB 27	Regular OPSD 705.010	Standard	197.60	200mm INV OUT = 197.000	0.60	5126698.2296	620446.2491
CB 28	Regular OPSD 705.010	Standard	197.45	200mm INV IN = 196.297 200mm INV OUT = 196.560	0.60	5126685.2809	620460.8821
CB 29	Shallow OPSD	Standard	197.10	200mm INV OUT = 196.653	0.60	5126665.8670	620469.0514
CB 30	Shallow OPSD	Standard	197.38	OUT = Existing CB Lead	0.60	5126651.8262	620468.9318
CB 31	Regular OPSD 705.010	Standard	197.11	200mm INV OUT = 196.680	0.60	5126619.0711	620479.8777
CB 32	Regular OPSD 705.010	Standard	196.91	150mm INV OUT = 196.536	0.60	5126618.8376	620489.7391
CB 33	Regular OPSD 705.010	Standard	197.32	OUT = Existing CB Lead	0.60	5126613.1675	620470.4079

REINSTATEMENT LEGEND:

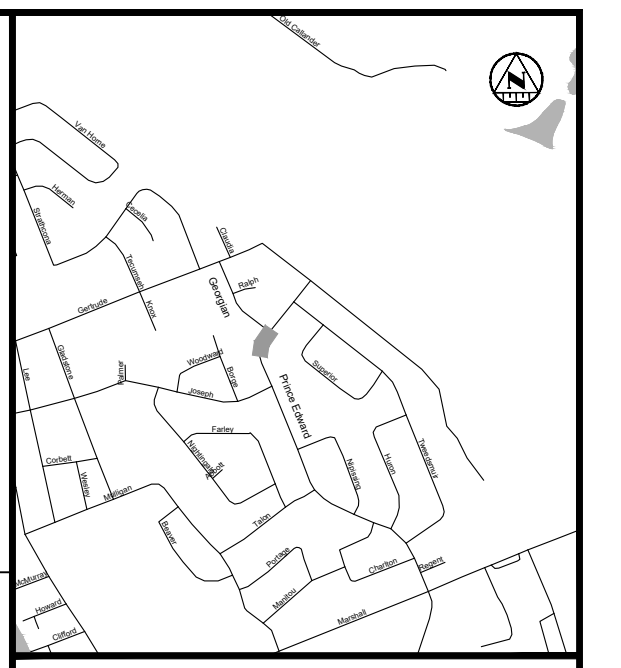
- DRIVEWAY ASPHALT
- ROAD ASPHALT
- SOD (SEE NOTE 2)
- GRANULARS
- PAVERS
- RIVER ROCK
- RIP-RAP

CONSTRUCTION NOTES:

- CONTRACTOR TO CONFIRM ALL GRADES AND TIE-IN POINTS PRIOR TO CONSTRUCTING NEW SIDEWALKS.
- REINSTATE GRASSED AREAS WITH 100MM OF TOPSOIL AND No.1 NURSERY SOD.
- PROTECT ALL UTILITIES INCLUDING UTILITY POLES.
- ALL TREES ARE TO BE PROTECTED.
- SAW CUT ASPHALT TO PROVIDE CLEAN LINES PRIOR TO REINSTATEMENT. PROVIDE 300MM WIDE STEP JOINT (400MM DEEP). TREAT ALL CUT FACES WITH TACK COAT BEFORE PLACING NEW ASPHALT.
- WHERE APPLICABLE, REMOVE AND SALVAGE INTERLOCKING BRICK PAVERS AS REQUIRED FOR CONSTRUCTION OF NEW SIDEWALK.
- ASPHALT DRIVEWAY REINSTATEMENT TO BE MINIMUM: 200MM THICK GRANULAR 'A'
- GRANULAR DRIVEWAY REINSTATEMENT TO BE MINIMUM 200MM GRANULAR 'A'.
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- MATCH CATCH-BASIN TOP OF GRATE ELEVATIONS WITH ADJACENT EXISTING EDGE OF ASPHALT WHEN LOCATED ALONG THE SIDE OF ROAD.
- PAVEMENT MARKINGS FOR CROSSWALK AND STOP BAR PER OTM BOOK 15 AND 11.



EXISTING ROAD C/L ELEVATIONS		197.24	197.29	197.54	197.57
STORM SEWER INV. ELEVATION	197.590	197.510	197.510	197.603	197.670
C.L. ROADWAY STATION	5+080.00	5+100.00	5+120.00	5+140.00	5+160.00



KEY PLAN

LEGEND

PROPOSED

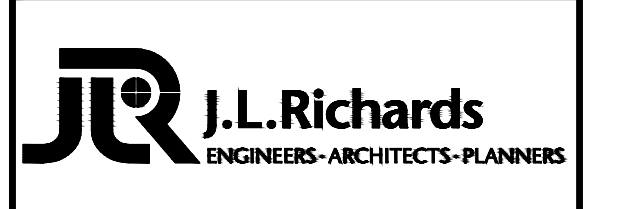
- STORM PIPE
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- CONCRETE SIDEWALK
- LIMIT OF GRADING
- TACTILE WALKING SURFACE INDICATOR (TWS)

EXISTING

- EXISTING BELL
- EXISTING HYDRO
- EXISTING GAS
- EXISTING SANITARY PIPE
- EX. WATERMAIN & VALVE
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- EX. MAINTENANCE HOLE
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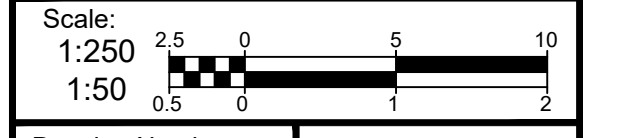


**CITY OF NORTH BAY
ICIP SIDEWALK
PROGRAM**

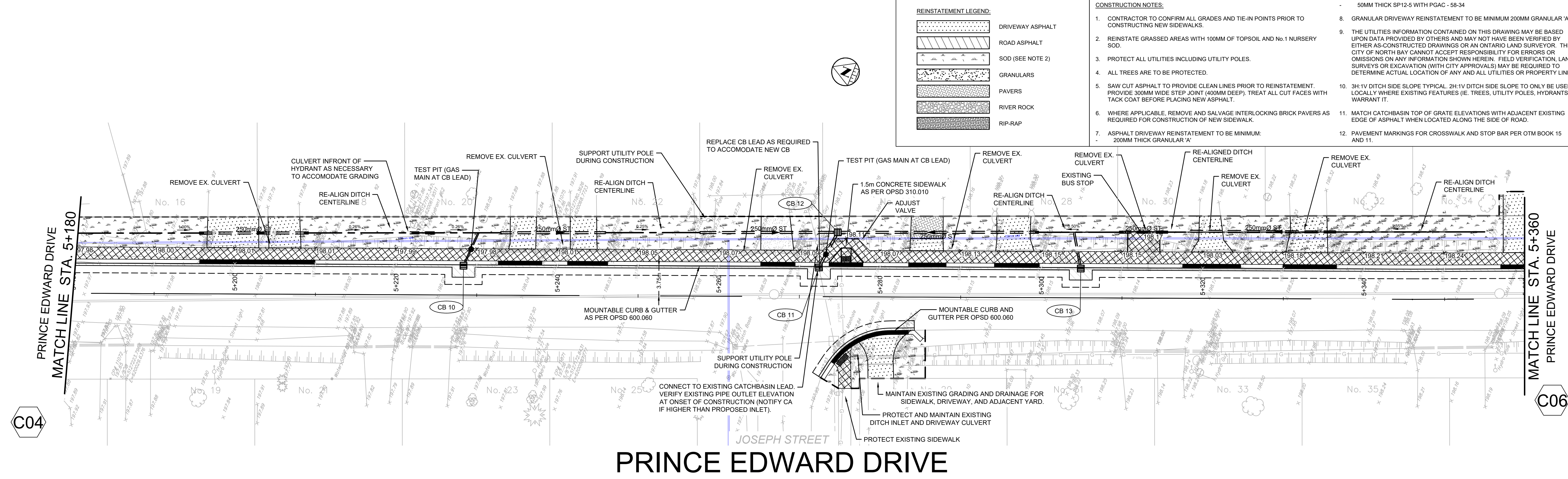
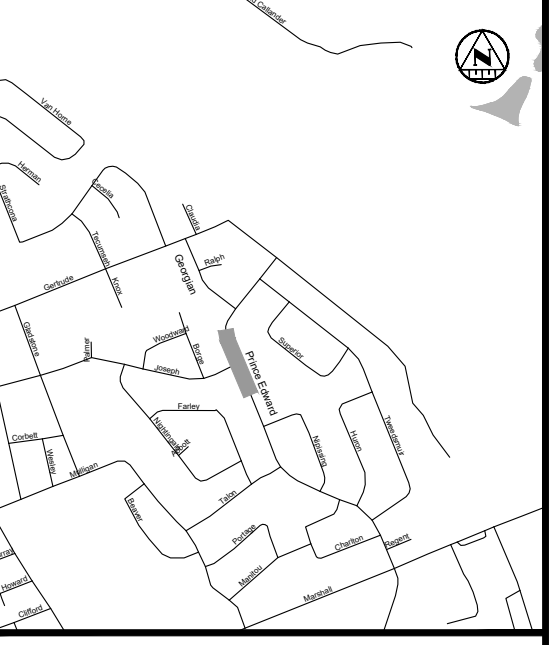
NEW CONSTRUCTION

**Prince Edward Drive
Plan & Profile**
Sta. 5+080 to Sta. 5+180

Designer: A.Y. / C.B.	Checked by: D.L.
Date: 12/01/2021	Approved by: C.L.



- REINSTATEMENT LEGEND:**
- DRIVEWAY ASPHALT
 - ROAD ASPHALT
 - SOD (SEE NOTE 2)
 - GRANULARS
 - PAVERS
 - RIVER ROCK
 - RIP-RAP
- CONSTRUCTION NOTES:**
- CONTRACTOR TO CONFIRM ALL GRADES AND TIE-IN POINTS PRIOR TO CONSTRUCTING NEW SIDEWALKS.
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 - PAVEMENT MARKINGS FOR CROSSWALK AND STOP BAR PER OTM BOOK 15 AND 11.



PRINCE EDWARD DRIVE

KEY PLAN

LEGEND

PROPOSED

- 375mm Ø ST - STORM PIPE
- PROPOSED DITCH CENTERLINE
- PERFORATED PIPE
- CATCH BASIN AS PER OPSD 705.010
- STORM MAINTENANCE HOLE AS PER OPSD 701.010
- CATCH BASIN MAINTENANCE HOLE AS PER OPSD 701.010
- CURB & GUTTER WITH DEPRESSED CURB
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- CONCRETE SIDEWALK
- LIMIT OF GRADING
- TACTILE WALKING SURFACE INDICATOR (TWSI)

EXISTING

- BELL - BELL
- EXISTING HYDRO
- EXISTING GAS
- EX. 200mm Ø SAN
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- LOT/CONCESSION LINES
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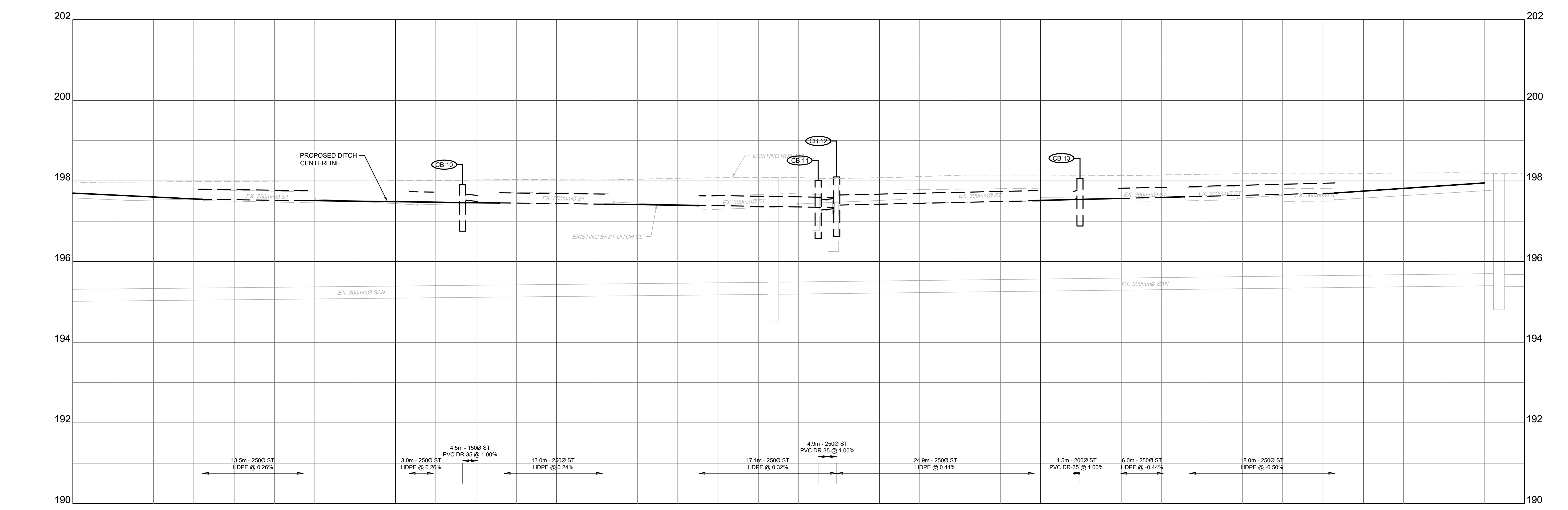
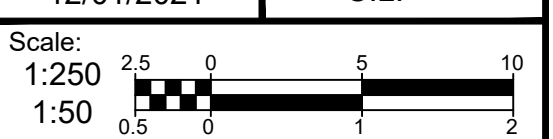


**CITY OF NORTH BAY
ICIP SIDEWALK
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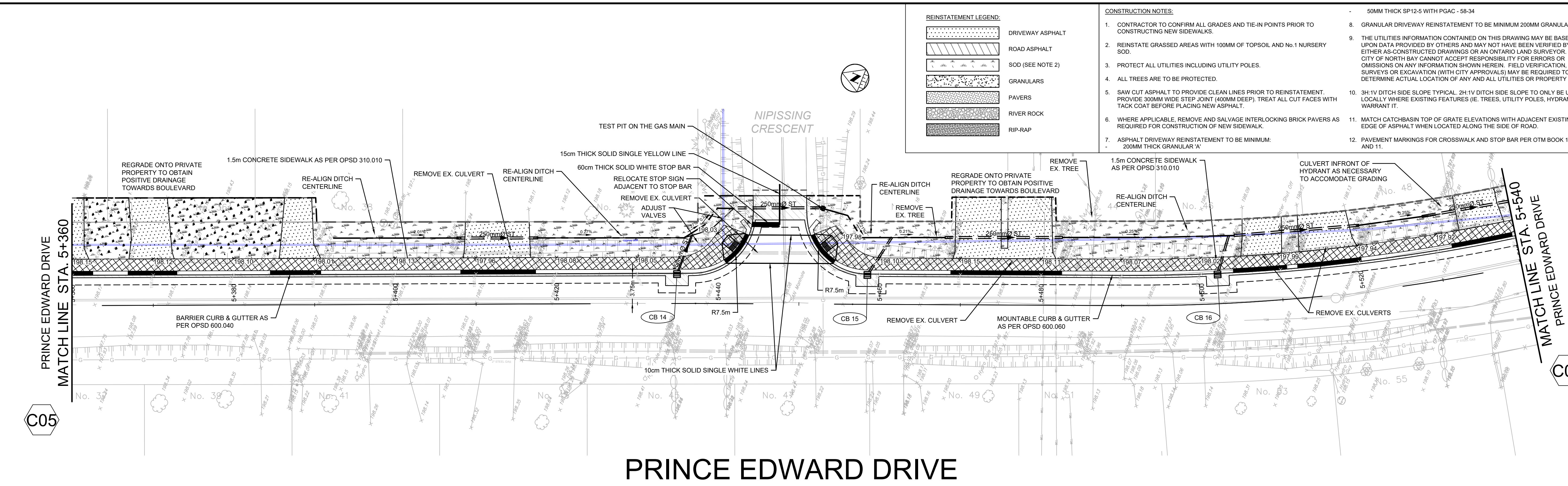
NEW CONSTRUCTION

**Prince Edward Drive
Plan & Profile**
Sta. 5+180 to Sta. 5+360

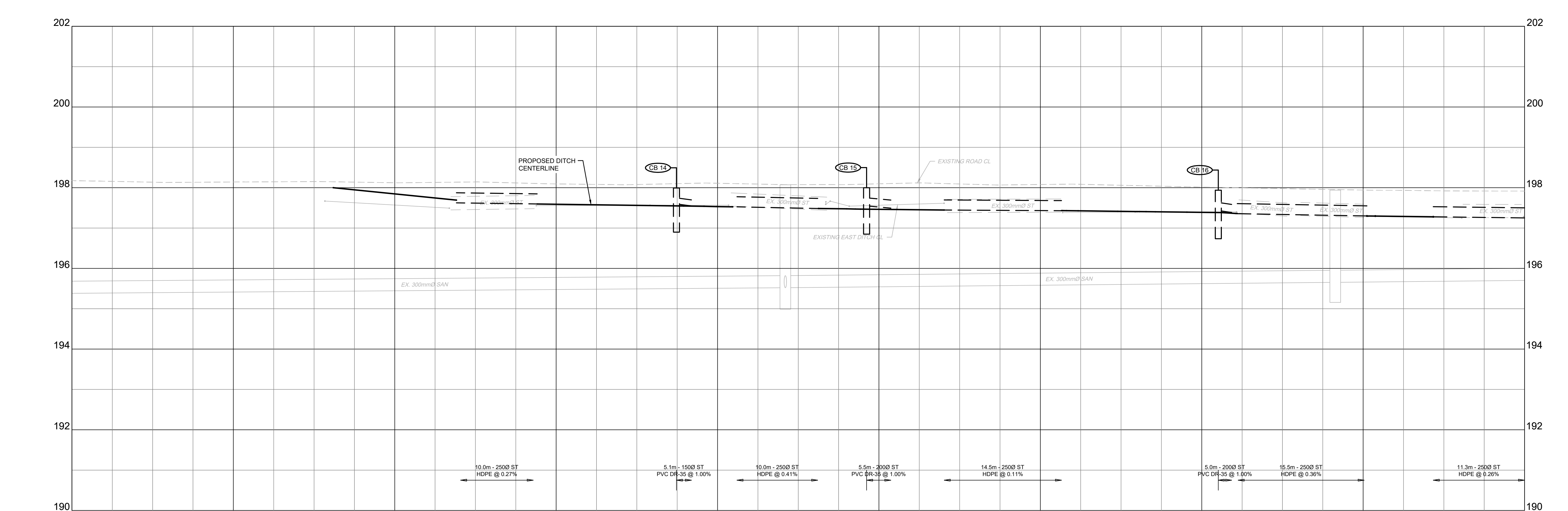
Designer: A.Y. / C.B.	Checked by: D.L.
Date: 12/01/2021	Approved by: C.L.



EXISTING ROAD C/L ELEVATIONS	197.97	197.97	198.01	198.03	198.05	198.05	198.08	198.11	198.11	198.15	198.17						
STORM SEWER INV. ELEVATION	197.545	197.510	197.482	197.474	197.534	197.489	197.456	197.384	197.270	197.380	197.400	197.510	197.588	197.587	197.583	197.610	197.700
C.L. ROADWAY STATION	5+180.00	5+200.00	5+220.00	5+240.00	5+260.00	5+280.00	5+300.00	5+320.00	5+340.00	5+360.00							

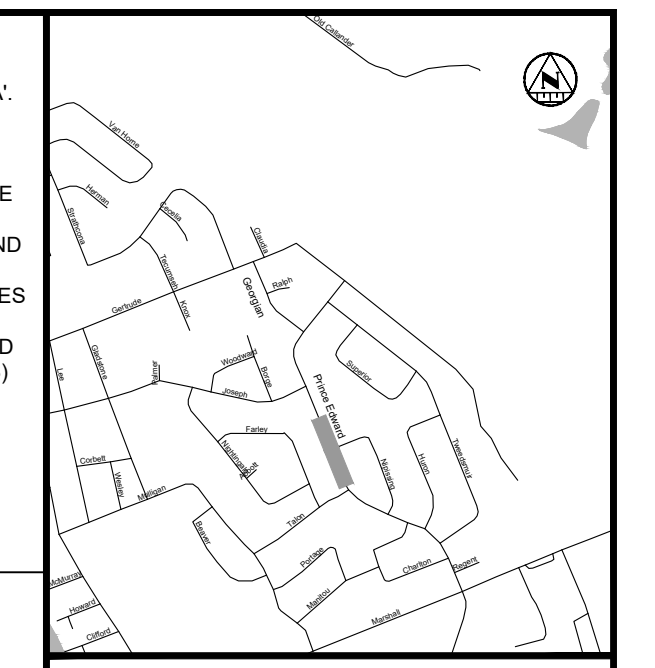


PRINCE EDWARD DRIVE



EXISTING ROAD CL ELEVATIONS	198.17	198.17	198.12	198.09	198.11	198.08	198.10	198.07	198.04	198.02	197.97			
STORM SEWER INV. ELEVATION			197.624	197.597	197.598 197.547	197.526	197.485	197.549 197.484	197.447	197.430	197.435 197.385 197.396	197.299	197.279	197.250
C.L. ROADWAY STATION	5+360.00	5+365.00	5+400.00	5+420.00	5+440.00	5+460.00	5+480.00	5+500.00	5+520.00	5+540.00	5+545.00			

- REINSTATEMENT LEGEND:**
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 - ROAD ASPHALT
 - SOD (SEE NOTE 2)
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KEY PLAN

LEGEND PROPOSED

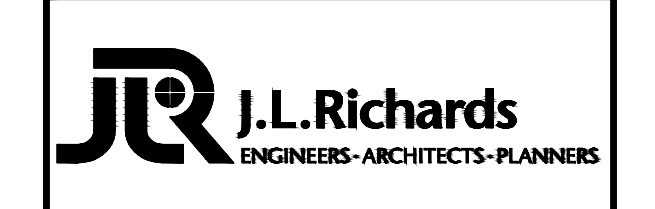
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- TACTILE WALKING SURFACE INDICATOR (TWSI)

EXISTING

- BELL-BELL
- EXISTING HYDRO
- EXISTING GAS
- EX. 200mm Ø SAN
- EX. 150mm Ø SAN
- EX. WATERMAIN & VALVE
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6	JAN 13 2023	CL	RE-ISSUED FOR TENDER
7	APRIL 03 2023	CL	ISSUED FOR CONSTRUCTION

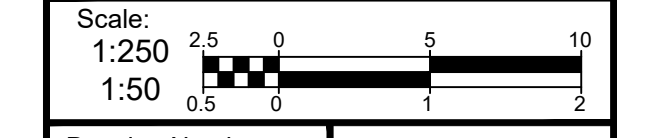


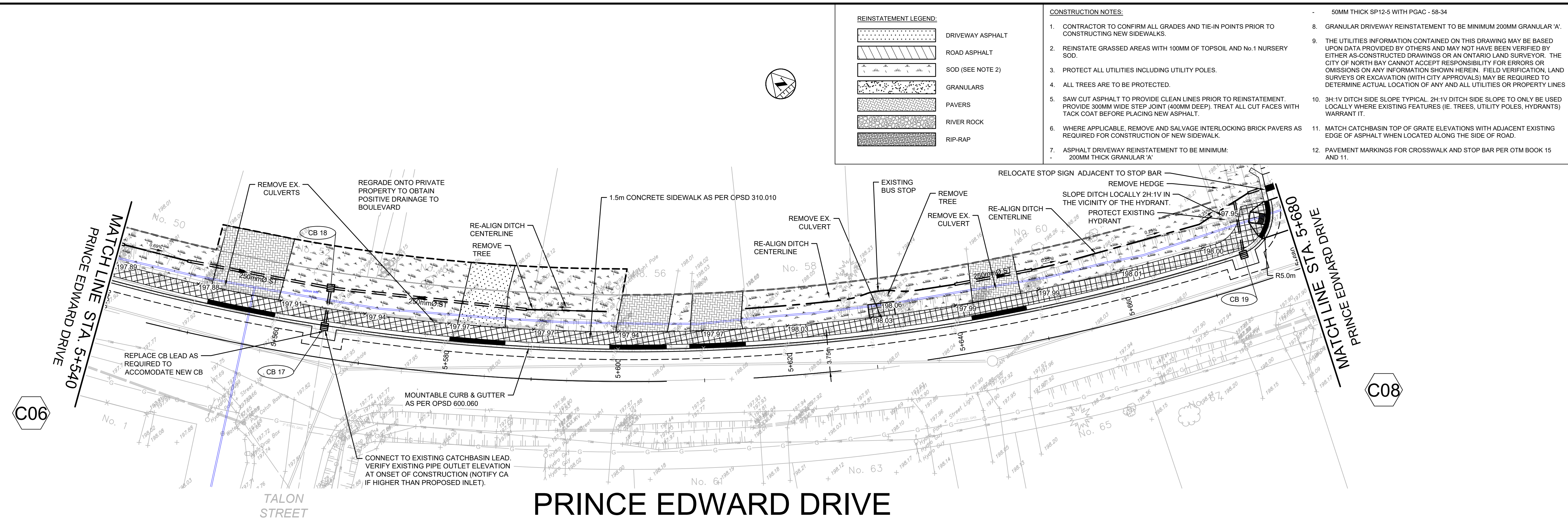
**CITY OF NORTH BAY
ICIP SIDEWALK
PROGRAM**

NEW CONSTRUCTION

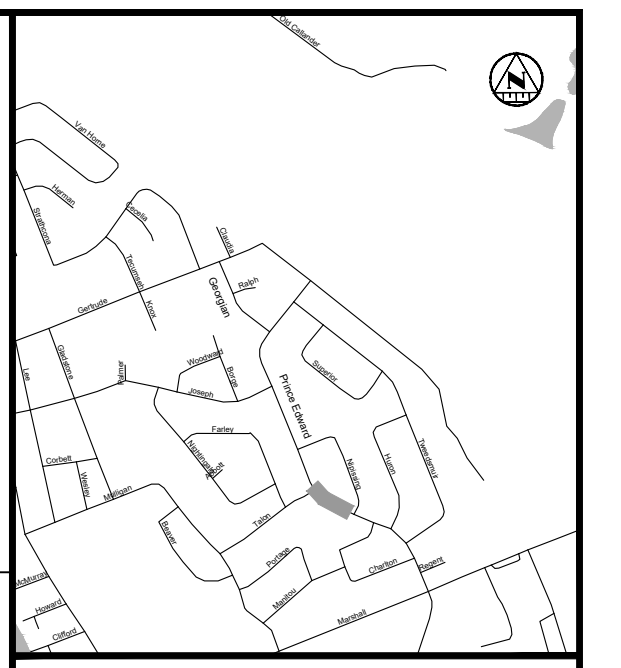
**Prince Edward Drive
Plan & Profile**
Sta. 5+360 to Sta. 5+540

Designer: A.Y. / C.B.	Checked by: D.L.
Date: 12/01/2021	Approved by: C.L.

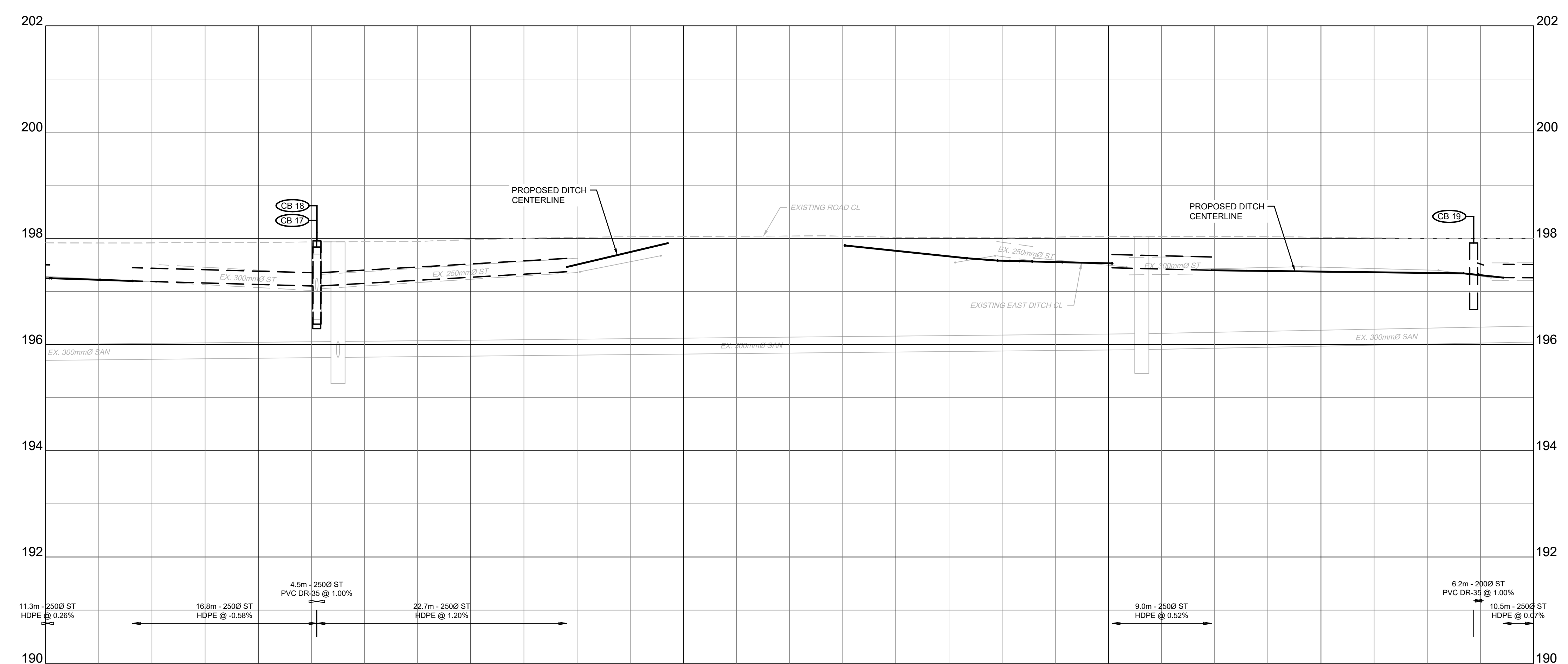




- REINSTATEMENT LEGEND:**
- DRIVEWAY ASPHALT
 - ROAD ASPHALT
 - SOD (SEE NOTE 2)
 - GRANULARS
 - PAVERS
 - RIVER ROCK
 - RIP-RAP
- CONSTRUCTION NOTES:**
- CONTRACTOR TO CONFIRM ALL GRADES AND TIE-IN POINTS PRIOR TO CONSTRUCTING NEW SIDEWALKS.
 - REINSTATE GRASSED AREAS WITH 100MM OF TOPSOIL AND No.1 NURSERY SOD.
 - PROTECT ALL UTILITIES INCLUDING UTILITY POLES.
 - ALL TREES ARE TO BE PROTECTED.
 - SAW CUT ASPHALT TO PROVIDE CLEAN LINES PRIOR TO REINSTATEMENT. PROVIDE 300MM WIDE STEP JOINT (400MM DEEP). TREAT ALL CUT FACES WITH TACK COAT BEFORE PLACING NEW ASPHALT.
 - WHERE APPLICABLE, REMOVE AND SALVAGE INTERLOCKING BRICK PAVERS AS REQUIRED FOR CONSTRUCTION OF NEW SIDEWALK.
 - ASPHALT DRIVEWAY REINSTATEMENT TO BE MINIMUM: 200MM THICK GRANULAR 'A'
 - GRANULAR DRIVEWAY REINSTATEMENT TO BE MINIMUM 200MM GRANULAR 'A'.
 - THE UTILITIES INFORMATION CONTAINED ON THIS DRAWING MAY BE BASED UPON DATA PROVIDED BY OTHERS AND MAY NOT HAVE BEEN VERIFIED BY EITHER AS-CONSTRUCTED DRAWINGS OR AN ONTARIO LAND SURVEYOR. THE CITY OF NORTH BAY CANNOT ACCEPT RESPONSIBILITY FOR ERRORS OR OMISSIONS ON ANY INFORMATION SHOWN HEREIN. FIELD VERIFICATION, LAND SURVEYS OR EXCAVATION (WITH CITY APPROVALS) MAY BE REQUIRED TO DETERMINE ACTUAL LOCATION OF ANY AND ALL UTILITIES OR PROPERTY LINES WARRANT IT.
 - 3H:1V DITCH SIDE SLOPE TYPICAL. 2H:1V DITCH SIDE SLOPE TO ONLY BE USED LOCALLY WHERE EXISTING FEATURES (IE. TREES, UTILITY POLES, HYDRANTS) WARRANT IT.
 - MATCH CATCH-BASIN TOP OF GRATE ELEVATIONS WITH ADJACENT EXISTING EDGE OF ASPHALT WHEN LOCATED ALONG THE SIDE OF ROAD.
 - PAVEMENT MARKINGS FOR CROSSWALK AND STOP BAR PER OTM BOOK 15 AND 11.



- KEY PLAN**
- LEGEND PROPOSED**
- STORM PIPE
 - PROPOSED DITCH CENTERLINE
 - PERFORATED PIPE
 - CATCH BASIN AS PER OPSD 705.010
 - STORM MAINTENANCE HOLE AS PER OPSD 701.010
 - CATCH BASIN MAINTENANCE HOLE AS PER OPSD 701.010
 - CURB & GUTTER WITH DEPRESSED CURB
 - FULL DEPTH ROAD CUT WITH TOP LIFT MILLING
 - CONCRETE SIDEWALK
 - LIMIT OF GRADING
 - TACTILE WALKING SURFACE INDICATOR (TWSI)
- EXISTING**
- EXISTING BELL
 - EXISTING HYDRO
 - EXISTING GAS
 - EXISTING SANITARY PIPE
 - EX. WATERMAIN & VALVE
 - LOT/CONCESSION LINES
 - EX. MAINTENANCE HOLE
 - EDGE OF PAVEMENT
 - HYDRO POLE/LIGHT
 - EXISTING DITCH



EXISTING ROAD CL ELEVATIONS	197.92	197.82	197.97	198.03	198.07	198.03	197.45	197.38	197.28	197.28	197.25
STORM SEWER INV. ELEVATION	197.218	197.188	197.268	197.372			197.445	197.368	197.280	197.280	197.283
C.L. ROADWAY STATION	5+540.00	5+550.00	5+560.00	5+570.00	5+580.00	5+590.00	5+600.00	5+610.00	5+620.00	5+630.00	5+640.00

REVISIONS

No.	Date	By	Description
1	OCT 05 2021	AT	ISSUED FOR 30% DESIGN
2	DEC 23 2021	CL	ISSUED FOR 60% DESIGN
3	APR 29 2022	CL	ISSUED FOR 90% DESIGN
4	DEC 09 2022	CL	ISSUED FOR CLIENT REVIEW
5	DEC 16 2022	CL	ISSUED FOR TENDER
6	JAN 13 2023	CL	RE-ISSUED FOR TENDER
7	APRIL 03 2023	CL	ISSUED FOR CONSTRUCTION

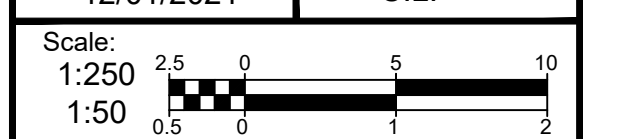


CITY OF NORTH BAY
ICIP SIDEWALK PROGRAM

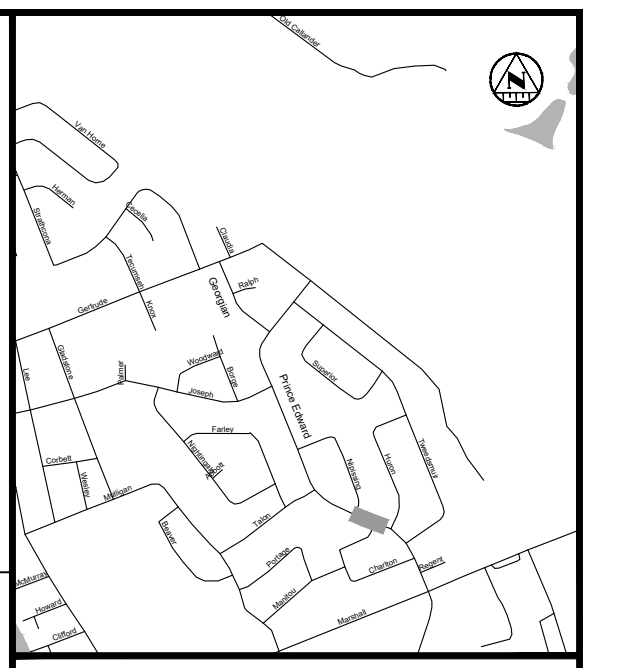
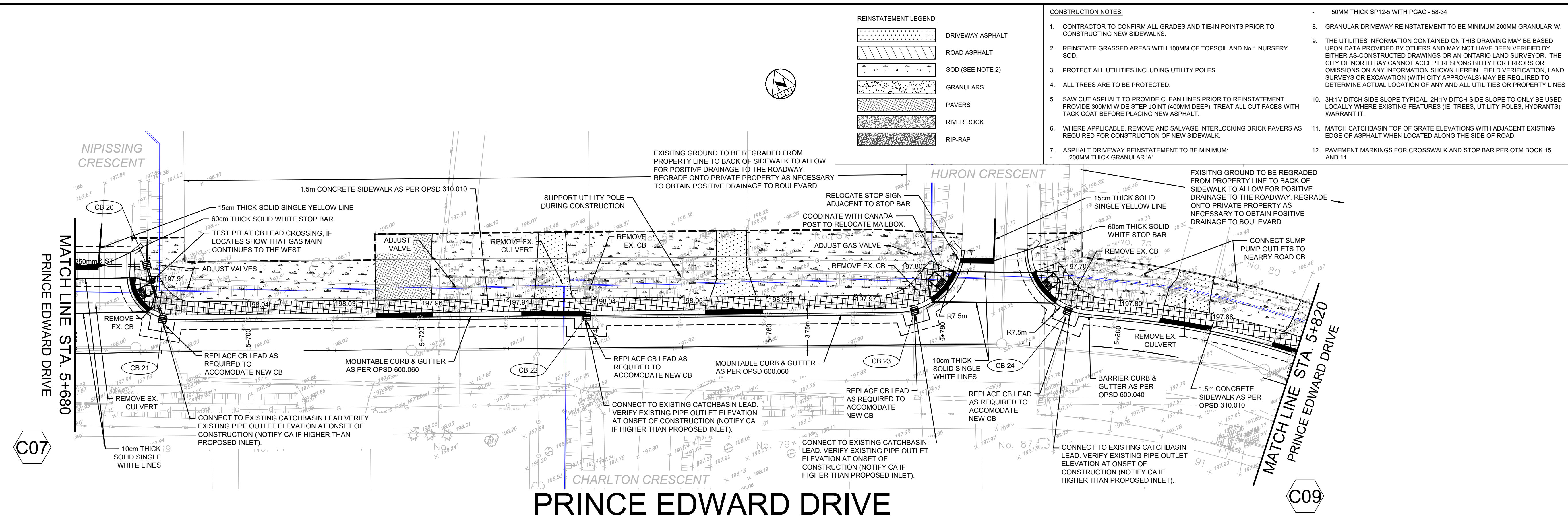
NEW CONSTRUCTION

Prince Edward Drive
Plan & Profile
Sta. 5+540 to Sta. 5+680

Designer: A.Y. / C.B. Checked by: D.L.
Date: 12/01/2021 Approved by: C.L.



Drawing Number: **C10** Drawing Set: **10 of 19**



KEY PLAN

LEGEND PROPOSED

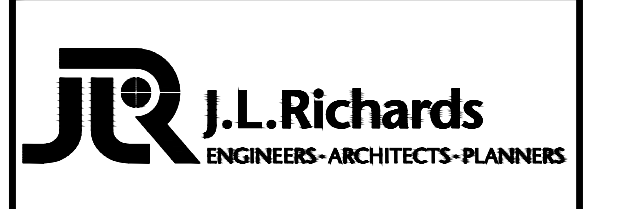
- 375mm Ø ST - STORM PIPE
- PERFORATED PIPE
- CATCH BASIN AS PER OPSD 705.010
- STORM MAINTENANCE HOLE AS PER OPSD 701.010
- CATCH BASIN MAINTENANCE HOLE AS PER OPSD 701.010
- CURB & GUTTER WITH DEPRESSED CURB
- FULL DEPTH ROAD CUT WITH TOP LIFT MILLING
- CONCRETE SIDEWALK
- LIMIT OF GRADING
- TACTILE WALKING SURFACE INDICATOR (TWSI)

EXISTING

- BELL-BELL
- EXISTING HYDRO
- EXISTING GAS
- EX. 200mm Ø SAN
- EX. WATERMAIN & VALVE
- LOT/CONCESSION LINES
- EX. MAINTENANCE HOLE
- EDGE OF PAVEMENT
- HYDRO POLE/LIGHT
- EXISTING DITCH

REVISIONS

No.	Date	By	Description
1	OCT 05 2021	AT	ISSUED FOR 30% DESIGN
2	DEC 23 2021	CL	ISSUED FOR 60% DESIGN
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6	JAN 13 2023	CL	RE-ISSUED FOR TENDER
7	APRIL 03 2023	CL	ISSUED FOR CONSTRUCTION

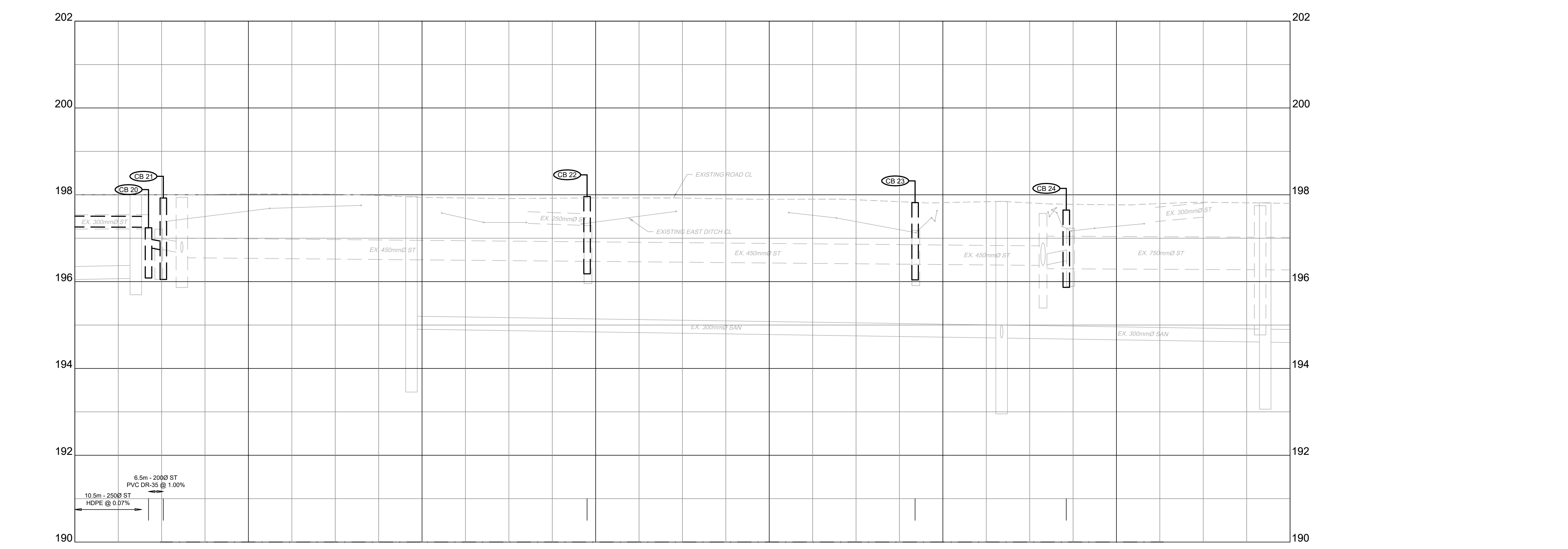
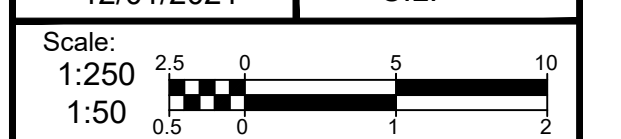


**CITY OF NORTH BAY
ICIP SIDEWALK
PROGRAM**

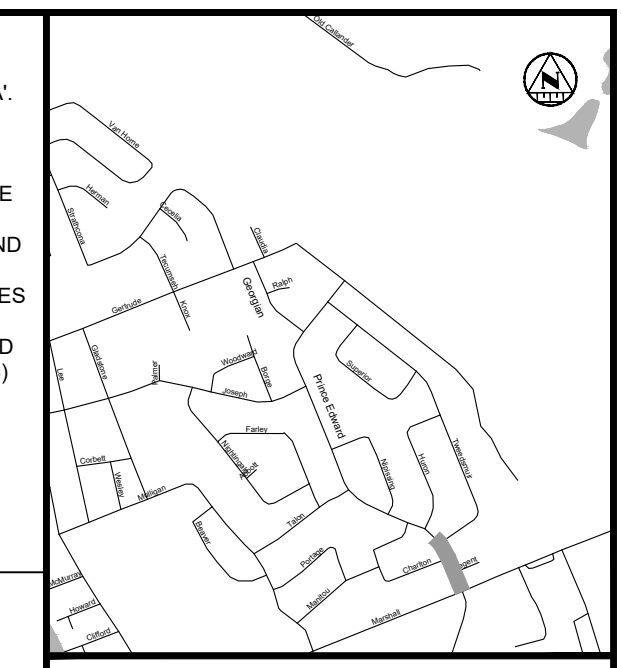
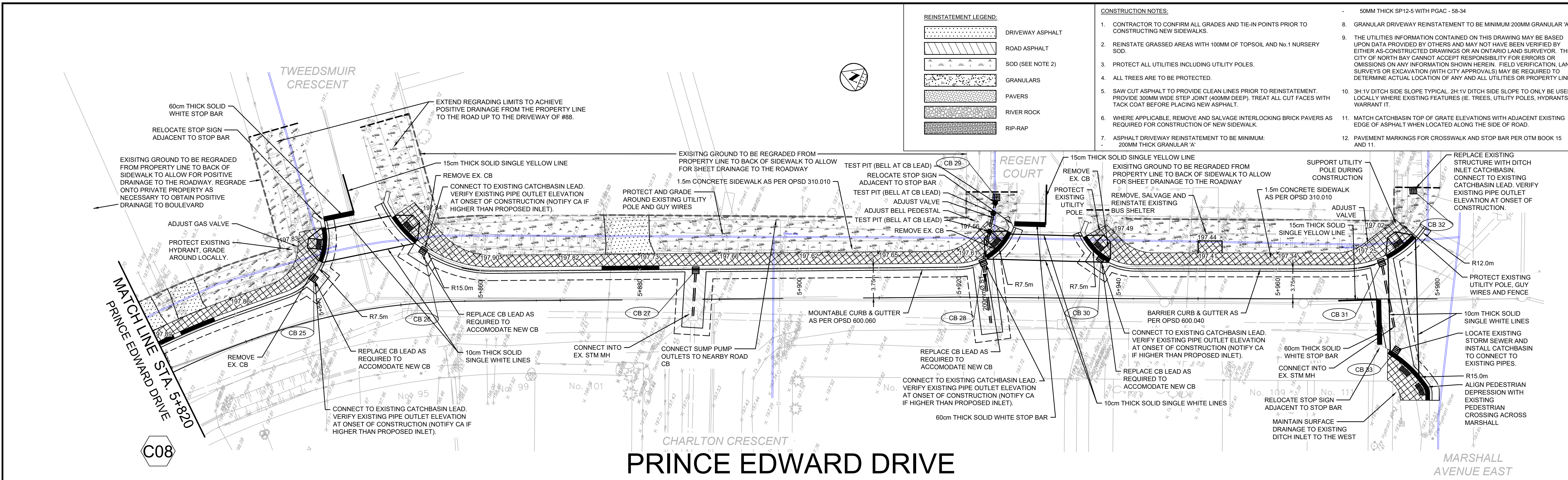
NEW CONSTRUCTION

**Prince Edward Drive
Plan & Profile**
Sta. 5+680 to Sta. 5+820

Designer: A.Y. / C.B.	Checked by: D.L.
Date: 12/01/2021	Approved by: C.L.



EXISTING ROAD C/L ELEVATIONS	197.00	197.02	197.04	197.06	197.08	197.10	197.12	197.14	197.16	197.20
STORM SEWER INV. ELEVATION	197.260	197.253	196.785	196.720						
C.L. ROADWAY STATION	5+680.00	5+700.00	5+720.00	5+740.00	5+760.00	5+780.00	5+800.00	5+820.00		



KEY PLAN

LEGEND

PROPOSED

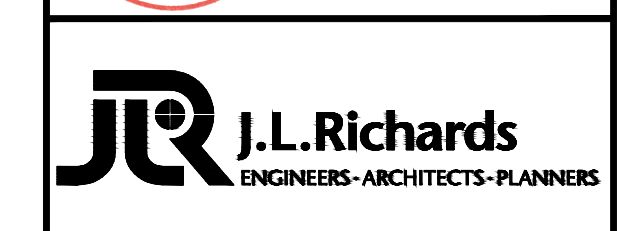
- 375mm Ø ST - STORM PIPE
- PROPOSED DITCH CENTERLINE
- PERFORATED PIPE
- CATCH BASIN AS PER OPSD 705.010
- STORM MAINTENANCE HOLE AS PER OPSD 701.010
- CATCH BASIN MAINTENANCE HOLE AS PER OPSD 701.010
- CURB & GUTTER WITH DEPRESSED CURB
- FULL DEPTH ROAD CUT WITH TOP LIFT MILLING
- CONCRETE SIDEWALK
- LIMIT OF GRAADING
- TACTILE WALKING SURFACE INDICATOR (TWS)

EXISTING

- EXISTING BELL
- EXISTING HYDRO
- EXISTING GAS
- EXISTING SANITARY PIPE
- EX. WATERMAIN & VALVE
- LOT/CONCESSION LINES
- EX. MAINTENANCE HOLE
- EDGE OF PAVEMENT
- HYDRO POLE/LIGHT
- EXISTING DITCH

REVISIONS

No.	Date	By	Description
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3	APR 29 2022	CL	ISSUED FOR 90% DESIGN
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5	DEC 16 2022	CL	ISSUED FOR TENDER
6	JAN 13 2023	CL	RE-ISSUED FOR TENDER
7	APRIL 03 2023	CL	ISSUED FOR CONSTRUCTION

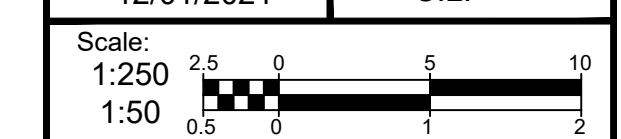


**CITY OF NORTH BAY
ICIP SIDEWALK
PROGRAM**

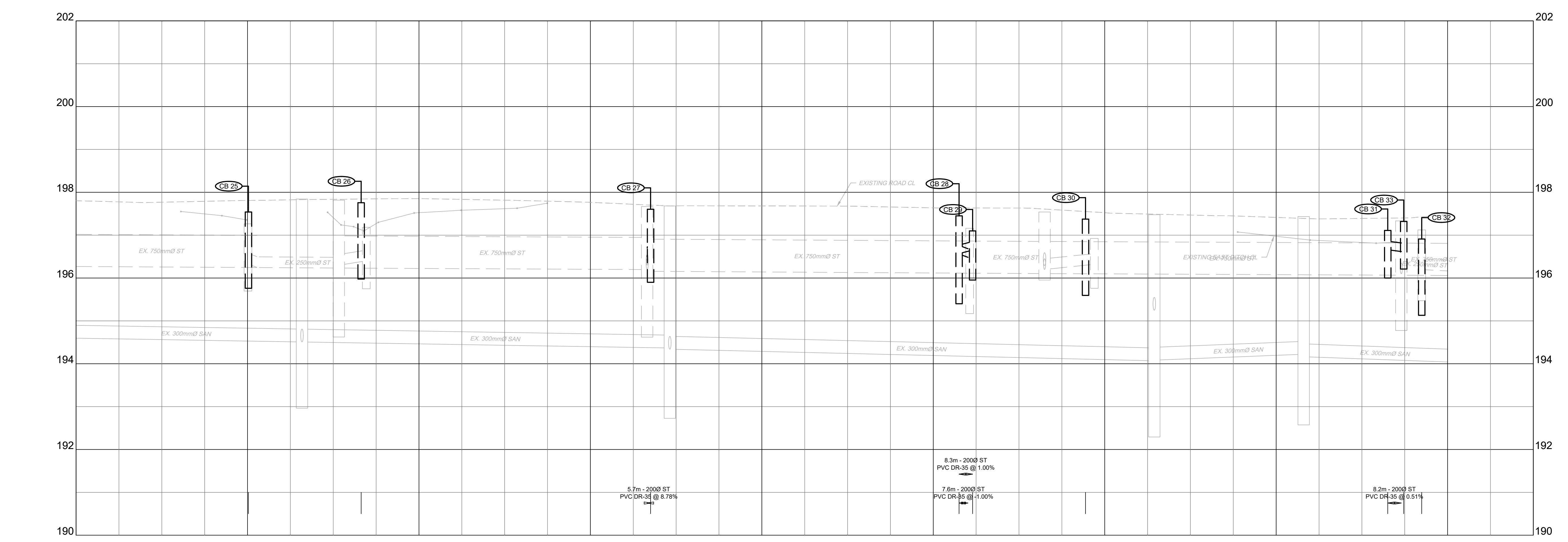
NEW CONSTRUCTION

**Prince Edward Drive
Plan & Profile**
Sta. 5+820 to Sta. 5+990

Designer: A.Y. / C.B.	Checked by: D.L.
Date: 12/01/2021	Approved by: C.L.

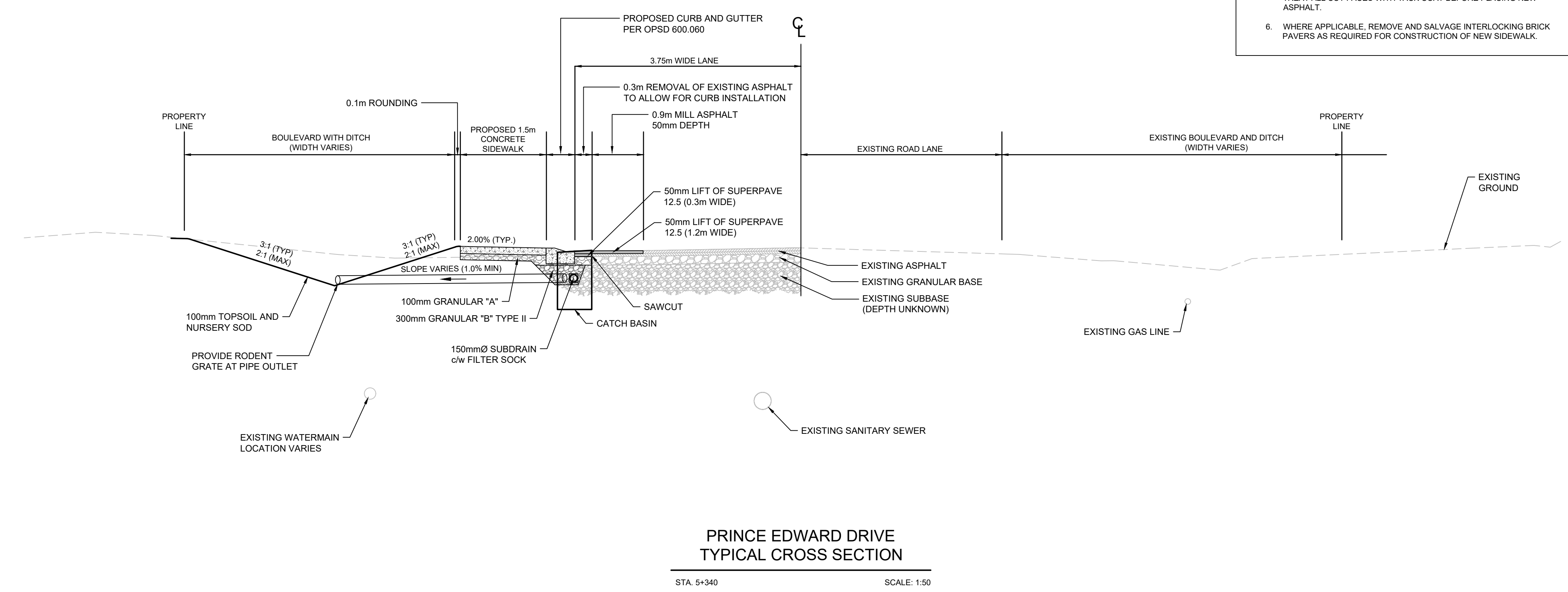


Drawing Number: C12	Drawing Set: 12 of 19
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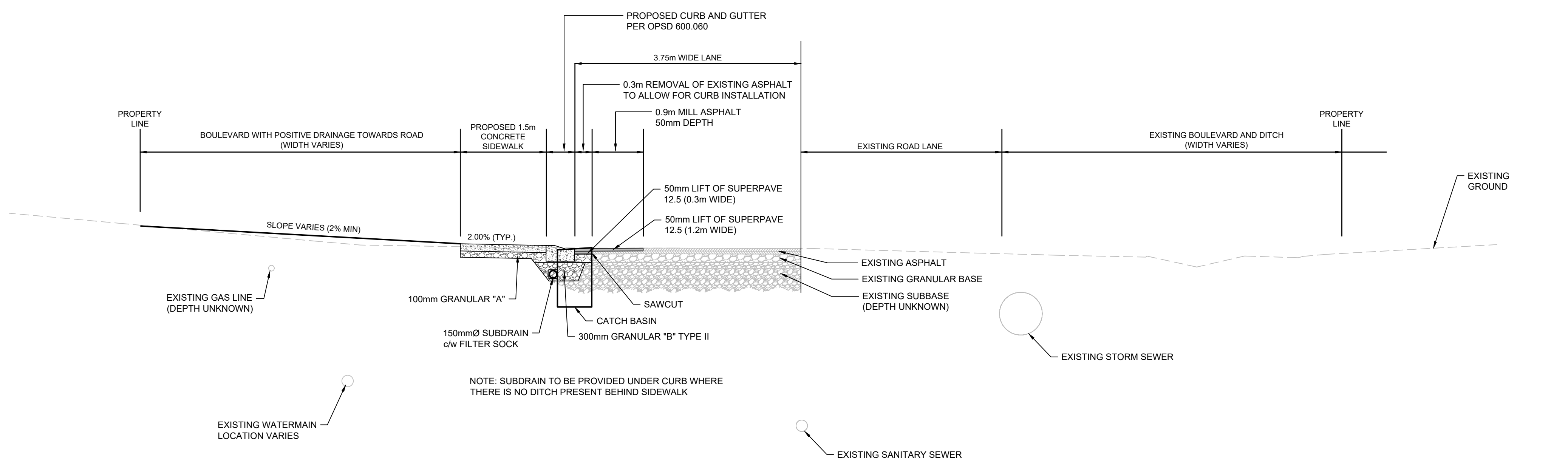
EXISTING ROAD CL. ELEVATIONS	STORM SEWER INV. ELEVATION	CL. ROADWAY STATION
197.25		5+820.00
197.81		5+840.00
197.85		5+860.00
197.77		5+880.00
197.65		5+900.00
197.61		5+920.00
197.62		5+940.00
197.41		5+960.00
197.45		5+980.00
		5+990.00

- CONSTRUCTION NOTES:**
- CONTRACTOR TO CONFIRM ALL GRADES AND TIE-IN POINTS PRIOR TO CONSTRUCTING NEW SIDEWALKS.
 - REINSTATE GRASSED AREAS WITH 100MM OF TOPSOIL AND No. 1 NURSERY SOD.
 - PROTECT ALL UTILITIES INCLUDING UTILITY POLES.
 - ALL TREES ARE TO BE PROTECTED.
 - SAW CUT ASPHALT TO PROVIDE CLEAN LINES PRIOR TO REINSTATEMENT. PROVIDE 300MM WIDE STEP JOINT (400MM DEEP). TREAT ALL CUT FACES WITH TACK COAT BEFORE PLACING NEW ASPHALT.
 - WHERE APPLICABLE, REMOVE AND SALVAGE INTERLOCKING BRICK PAVERS AS REQUIRED FOR CONSTRUCTION OF NEW SIDEWALK.
 - ASPHALT DRIVEWAY REINSTATEMENT TO BE MINIMUM:
 - 200MM THICK GRANULAR 'A'
 - 50MM THICK HL3F MIX WITH PGAC - 58-34
 - GRANULAR DRIVEWAY REINSTATEMENT TO BE MINIMUM 200MM GRANULAR 'A'.
 - THE UTILITIES INFORMATION CONTAINED ON THIS DRAWING MAY BE BASED UPON DATA PROVIDED BY OTHERS AND MAY NOT HAVE BEEN VERIFIED BY EITHER AS-CONSTRUCTED DRAWINGS OR AN ONTARIO LAND SURVEYOR. THE CITY OF NORTH BAY CANNOT ACCEPT RESPONSIBILITY FOR ERRORS OR OMISSIONS ON ANY INFORMATION SHOWN HEREIN. FIELD VERIFICATION, LAND SURVEYS OR EXCAVATION (WITH CITY APPROVALS) MAY BE REQUIRED TO DETERMINE ACTUAL LOCATION OF ANY AND ALL UTILITIES OR PROPERTY LINES.
 - 3H:1V DITCH SIDE SLOPE TYPICAL. 2H:1V DITCH SIDE SLOPE TO ONLY BE USED LOCALLY WHERE EXISTING FEATURES (IE. TREES, UTILITY POLES, HYDRANTS) WARRANT IT.



**PRINCE EDWARD DRIVE
TYPICAL CROSS SECTION**

STA. 5+340 SCALE: 1:50



**PRINCE EDWARD DRIVE
TYPICAL CROSS SECTION**

STA. 5+830 SCALE: 1:50

KEY PLAN

LEGEND

- 375mm Ø ST - STORM PIPE
- PROPOSED DITCH CENTERLINE
- PERFORATED PIPE
- CATCH BASIN AS PER OPSD 705.010
- STORM MAINTENANCE HOLE AS PER OPSD 701.010
- CATCH BASIN MAINTENANCE HOLE AS PER OPSD 701.010
- CURB & GUTTER WITH DEPRESSED CURB
- FULL DEPTH ROAD CUT WITH TOP LIFT MILLING
- CONCRETE SIDEWALK
- LIMIT OF GRADING
- TACTILE WALKING SURFACE INDICATOR (TWSI)
- EXISTING**
- BELL-BELL - EXISTING BELL
- H-H - EXISTING HYDRO
- G-G - EXISTING GAS
- Ex. 200mm Ø SAN - EXISTING SANITARY PIPE
- Ex. 300mm Ø W/M - EX. WATERMAIN & VALVE
- LOT/CONCESSION LINES
- EX. MAINTENANCE HOLE
- EDGE OF PAVEMENT
- HYDRO POLE/LIGHT
- EXISTING DITCH

REVISIONS

No.	Date	By	Description
1	OCT 05 2021	AT	ISSUED FOR 30% DESIGN
2	DEC 23 2021	CL	ISSUED FOR 60% DESIGN
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4	DEC 09 2022	CL	ISSUED FOR CLIENT REVIEW
5	DEC 16 2022	CL	ISSUED FOR TENDER
6	JAN 13 2023	CL	RE-ISSUED FOR TENDER
7	APRIL 03 2023	CL	ISSUED FOR CONSTRUCTION



**CITY OF NORTH BAY
ICIP SIDEWALK
PROGRAM**

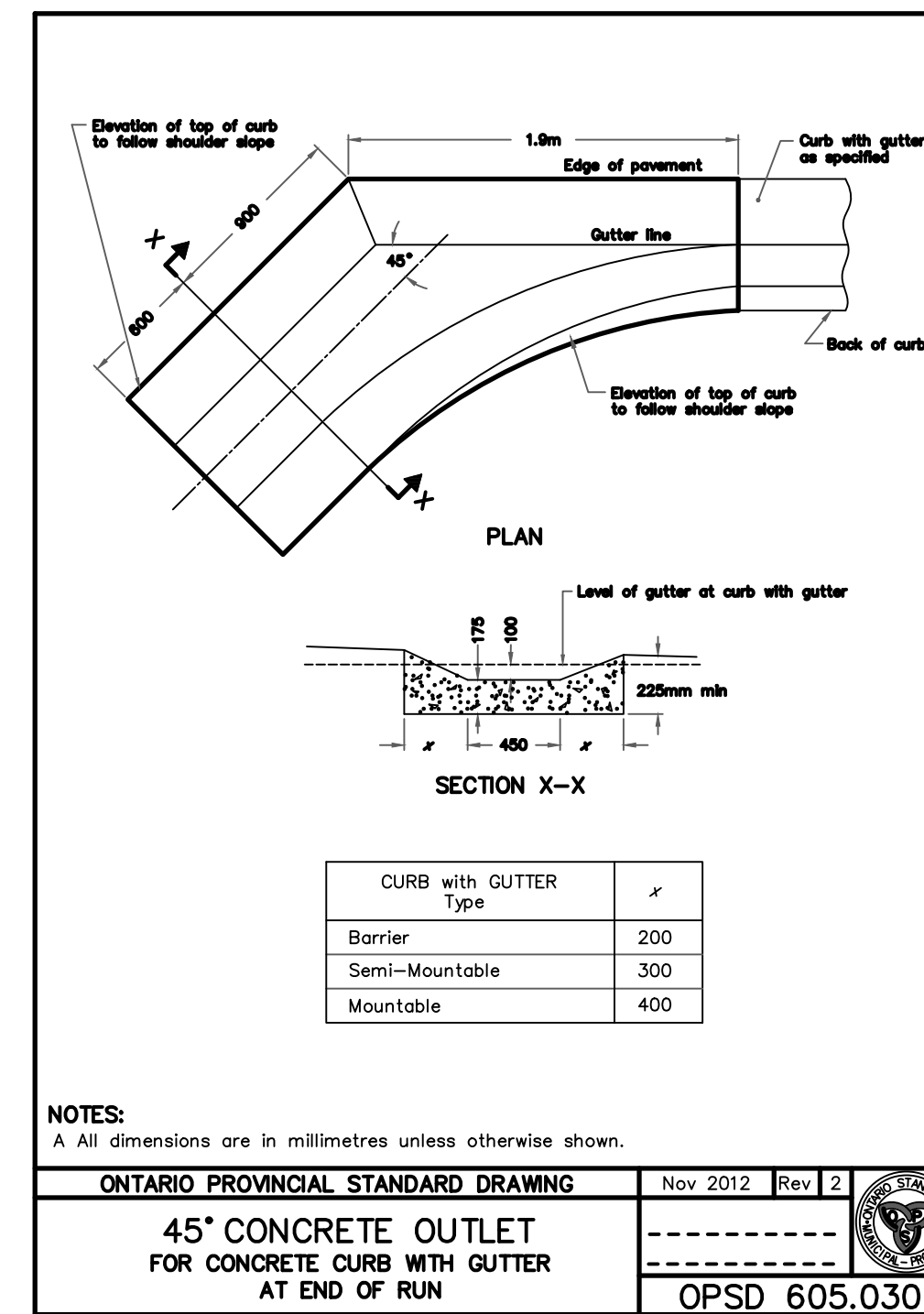
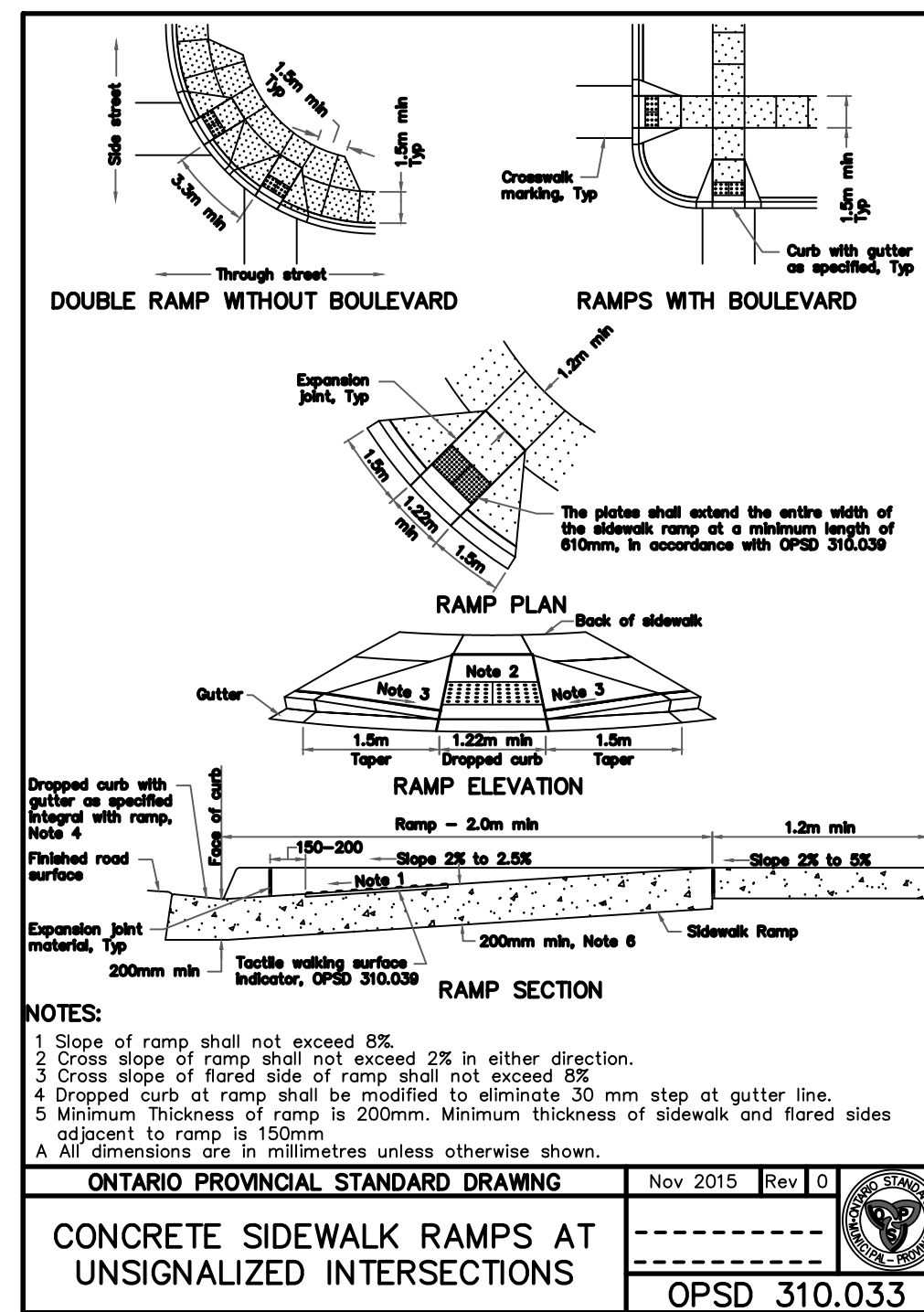
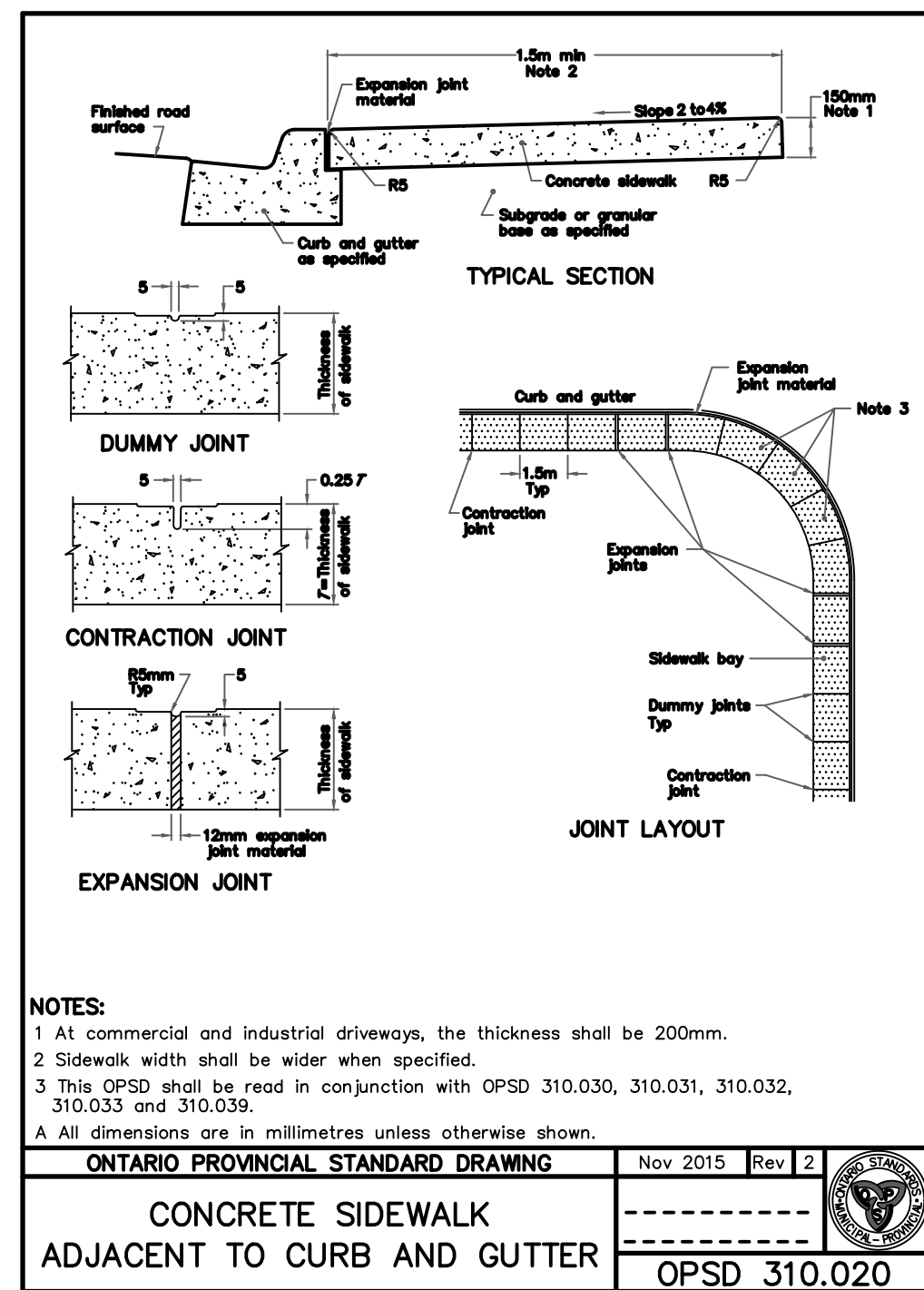
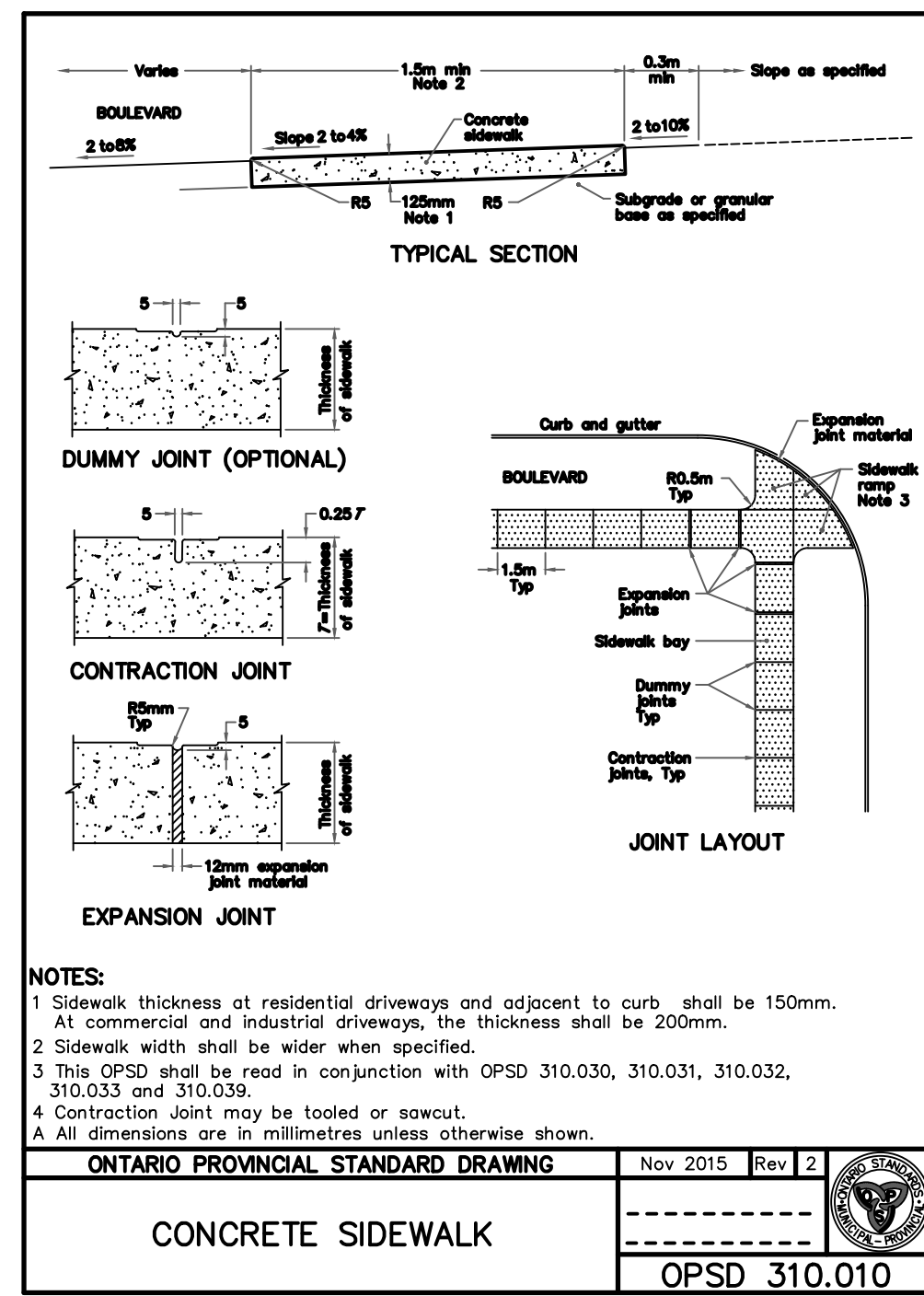
NEW CONSTRUCTION

**PRINCE EDWARD DRIVE
TYPICAL CROSS
SECTIONS**

Designer: A.Y. / C.B.	Checked by: D.L.
Date: 12/01/2021	Approved by: C.L.

Scale: 1:250	0 2.5 5 10
1:50	0 0.5 1 2

Drawing Number: C13	Drawing Set: 13 of 19
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KEY PLAN

LEGEND

PROPOSED

- 375mm Ø ST - STORM PIPE
- PROPOSED DITCH CENTERLINE
- PERFORATED PIPE
- STP - CATCH BASIN AS PER OPSD 705.010
- STP - STORM MAINTENANCE HOLE AS PER OPSD 701.010
- STP - CATCH BASIN MAINTENANCE HOLE AS PER OPSD 701.010
- CURB & GUTTER WITH DEPRESSED CURB
- FULL DEPTH ROAD CUT WITH TOP LIFT MILLING
- LIMIT OF GRADING
- CONCRETE SIDEWALK
- TACTILE WALKING SURFACE INDICATOR (TWSI)

EXISTING

- BEL - EXISTING BELL
- HYD - EXISTING HYDRO
- EX - EXISTING GAS
- EX SAN - EXISTING SANITARY PIPE
- EX VAL - EX. WATERMAIN & VALVE
- EX L/C - LOT/CONCESSION LINES
- EX MH - EX. MAINTENANCE HOLE
- EX P/L - HYDRO POLE/LIGHT
- EX D - EXISTING DITCH

REVISIONS

No.	Date	By	Description
1	OCT 05 2021	AT	ISSUED FOR 30% DESIGN
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4	DEC 09 2022	CL	ISSUED FOR CLIENT REVIEW
5	DEC 16 2022	CL	ISSUED FOR TENDER
6	JAN 13 2023	CL	RE-ISSUED FOR TENDER
7	APRIL 03 2023	CL	ISSUED FOR CONSTRUCTION

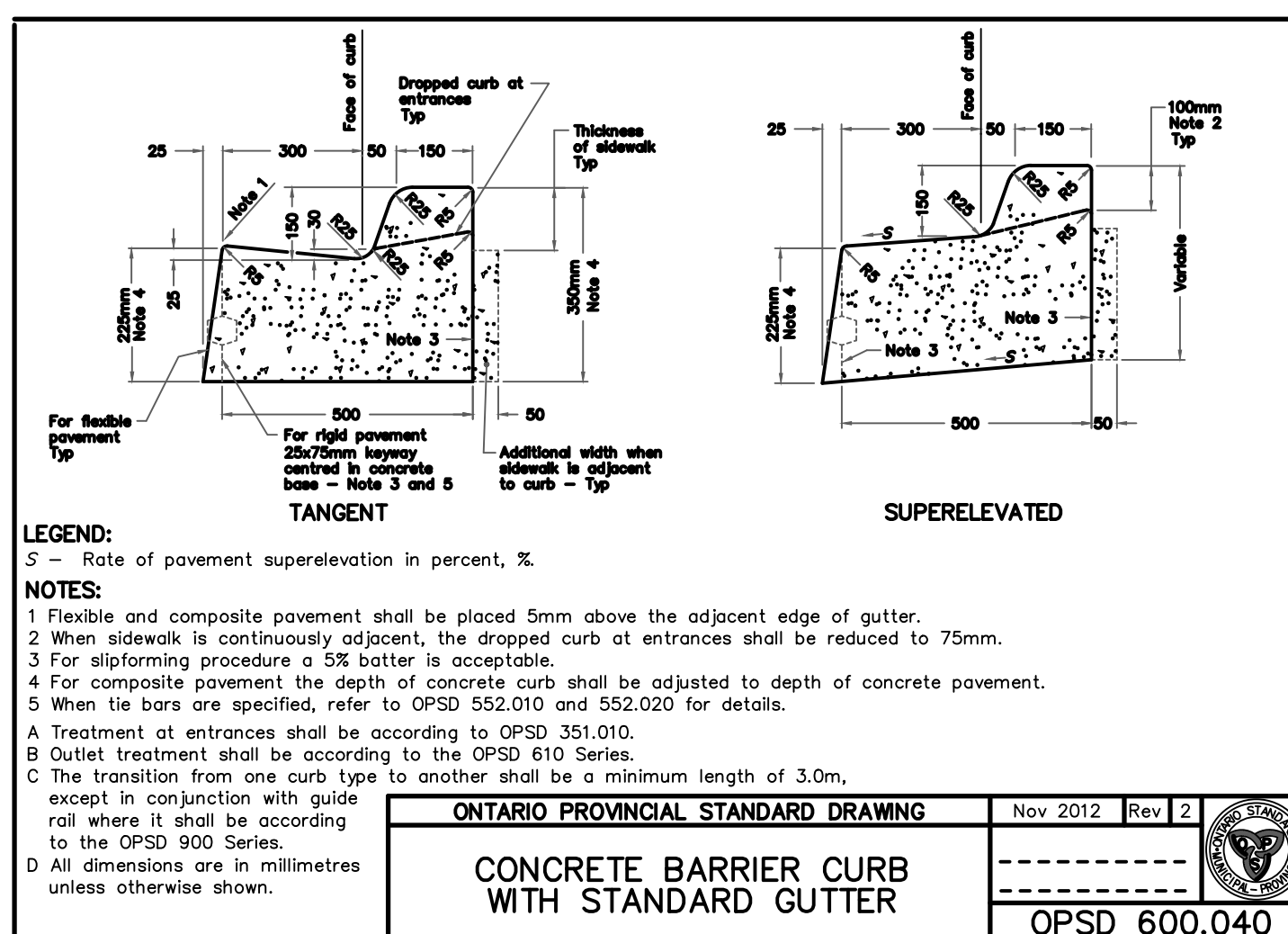
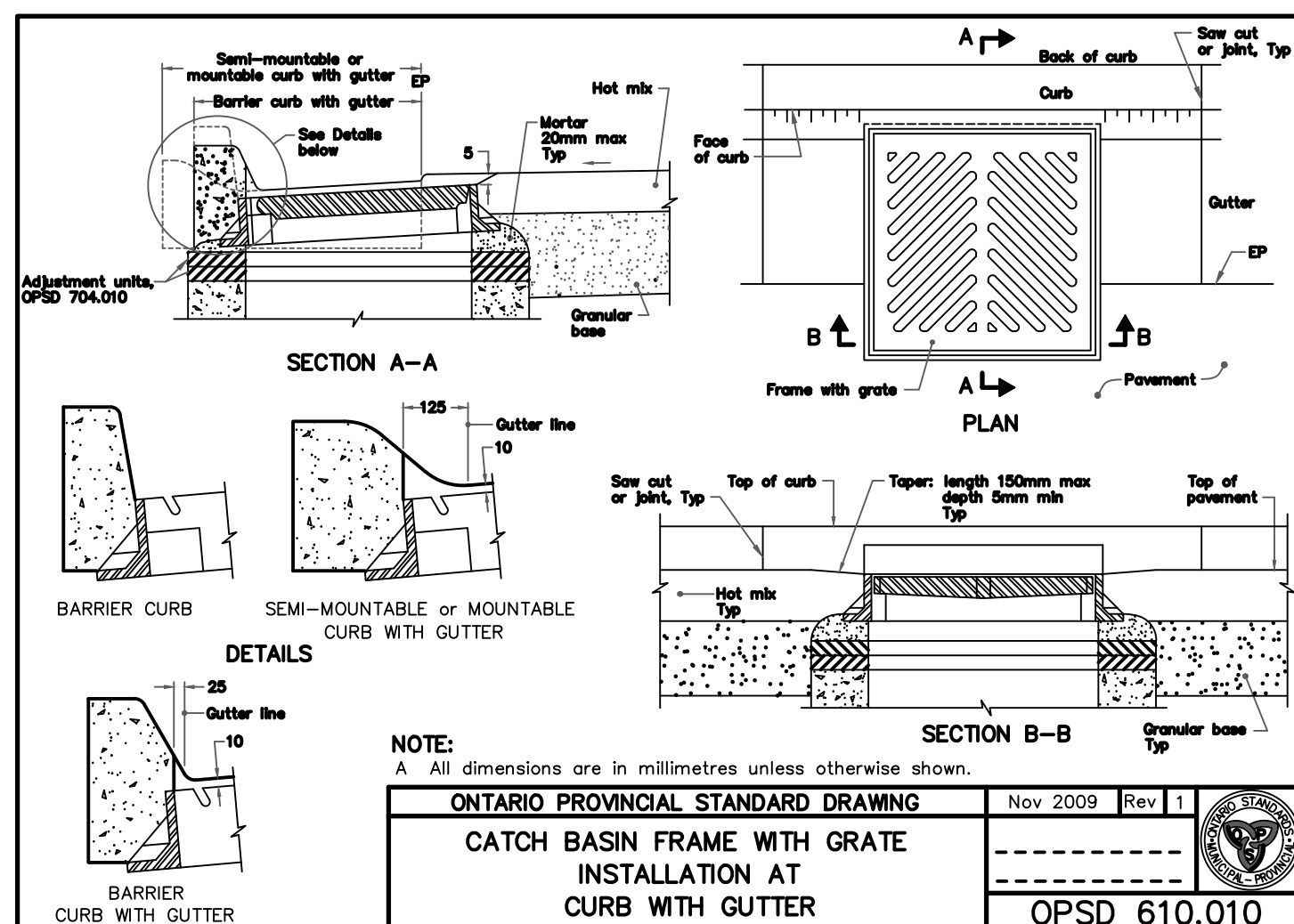
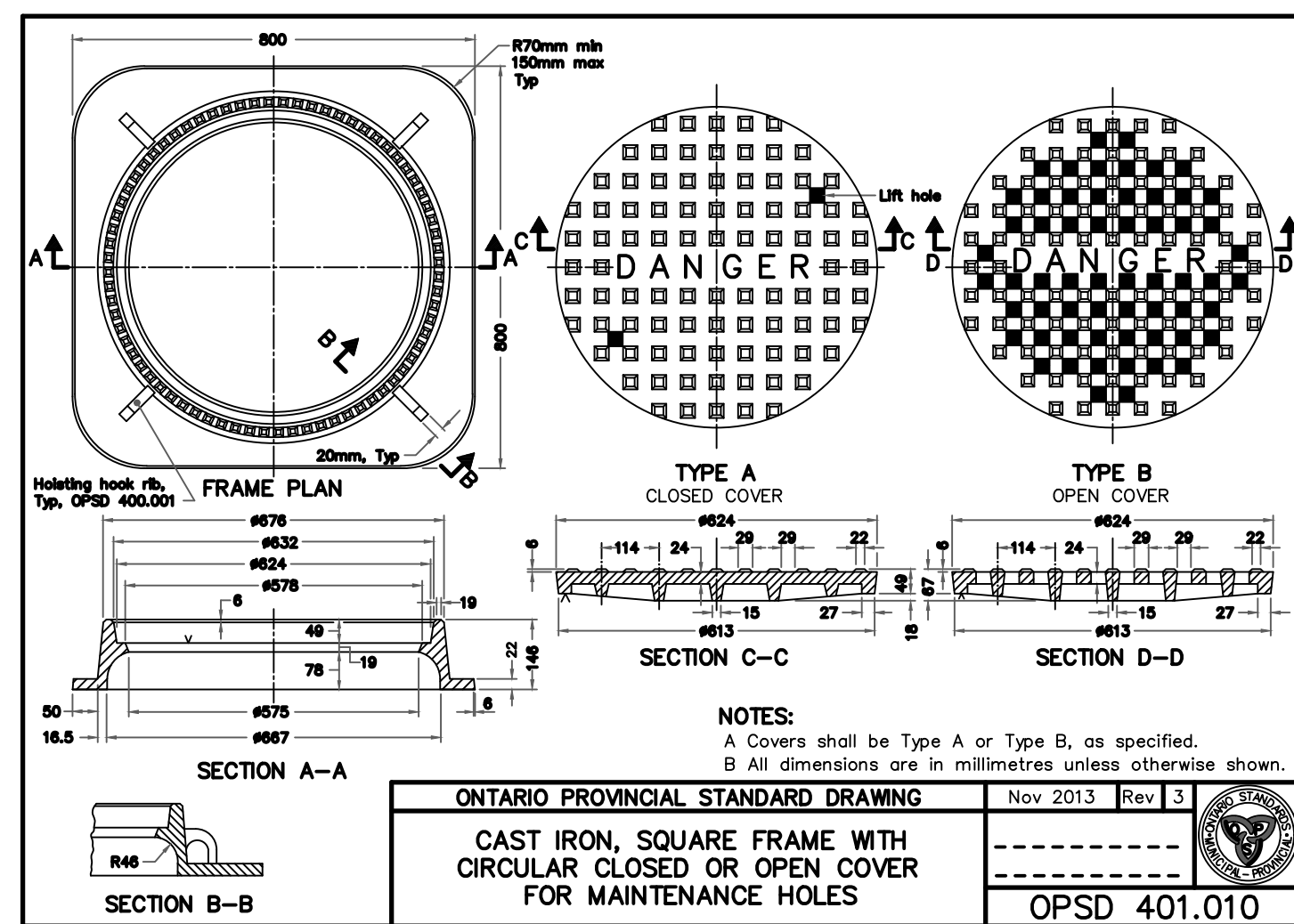
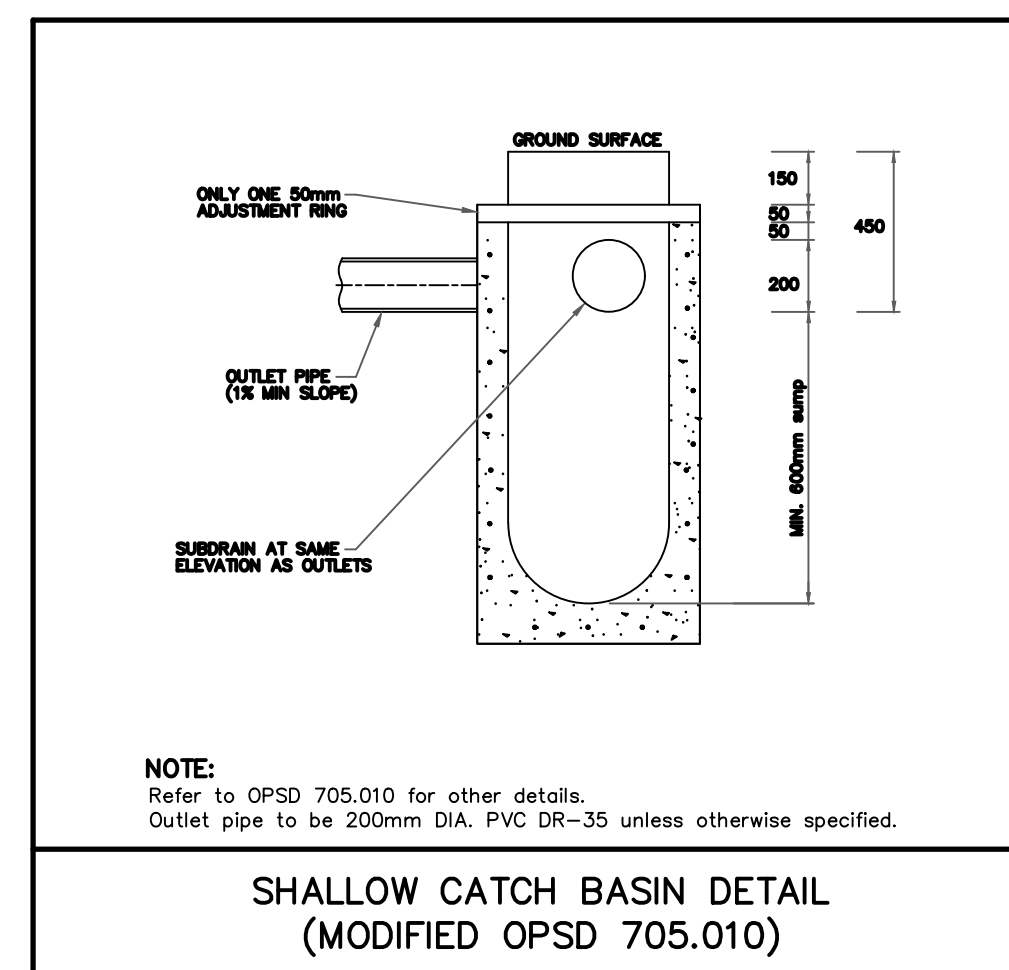
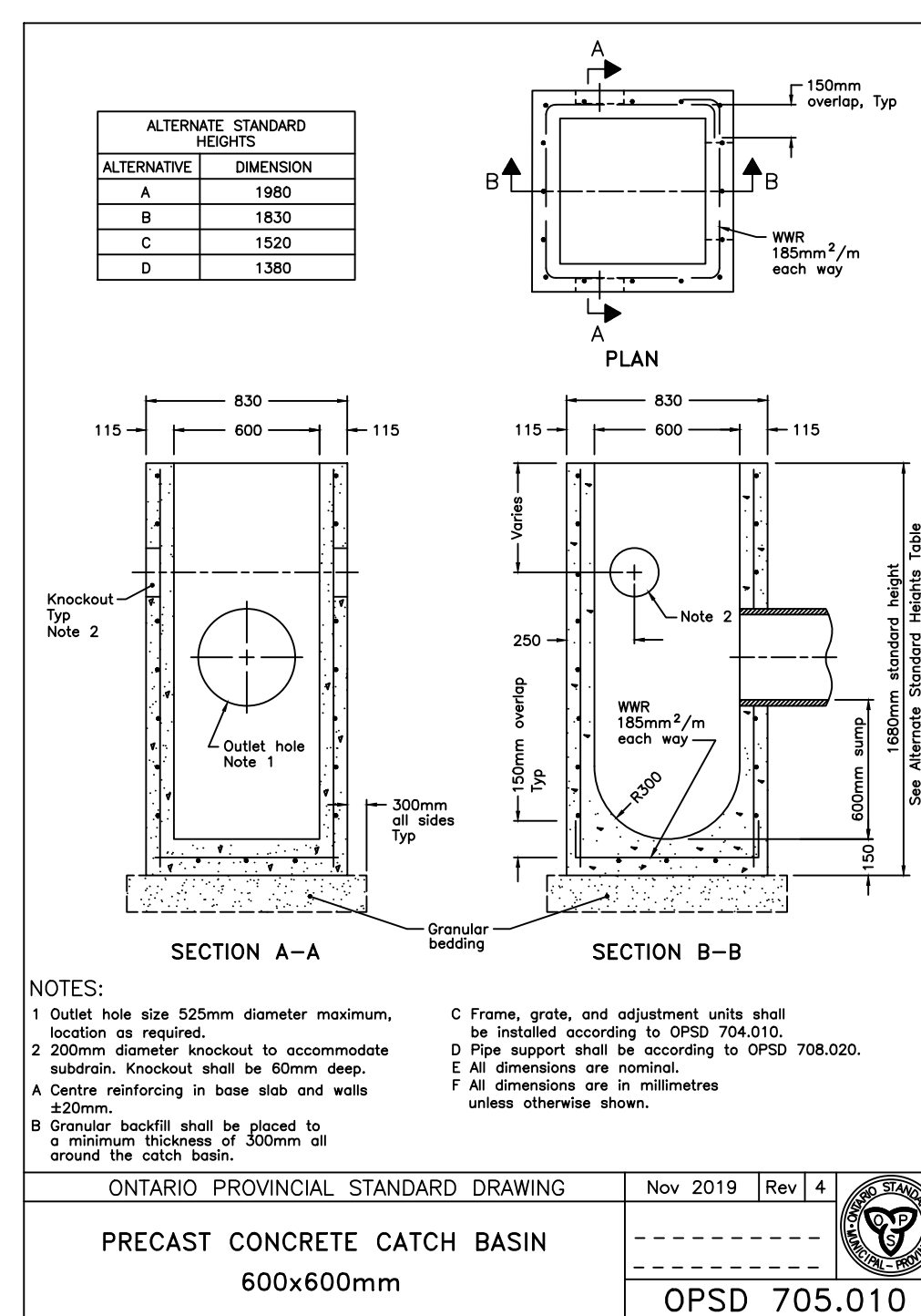
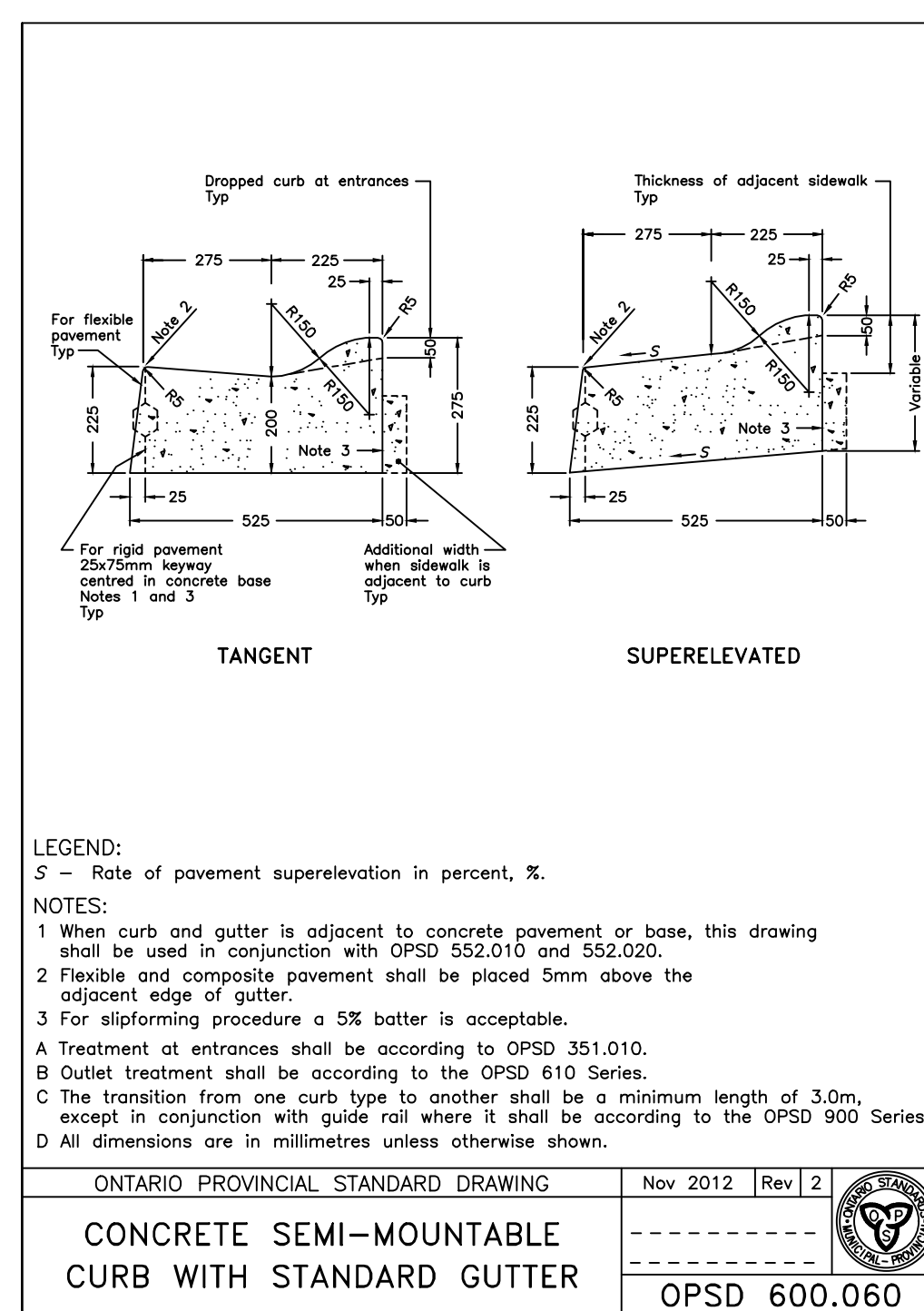
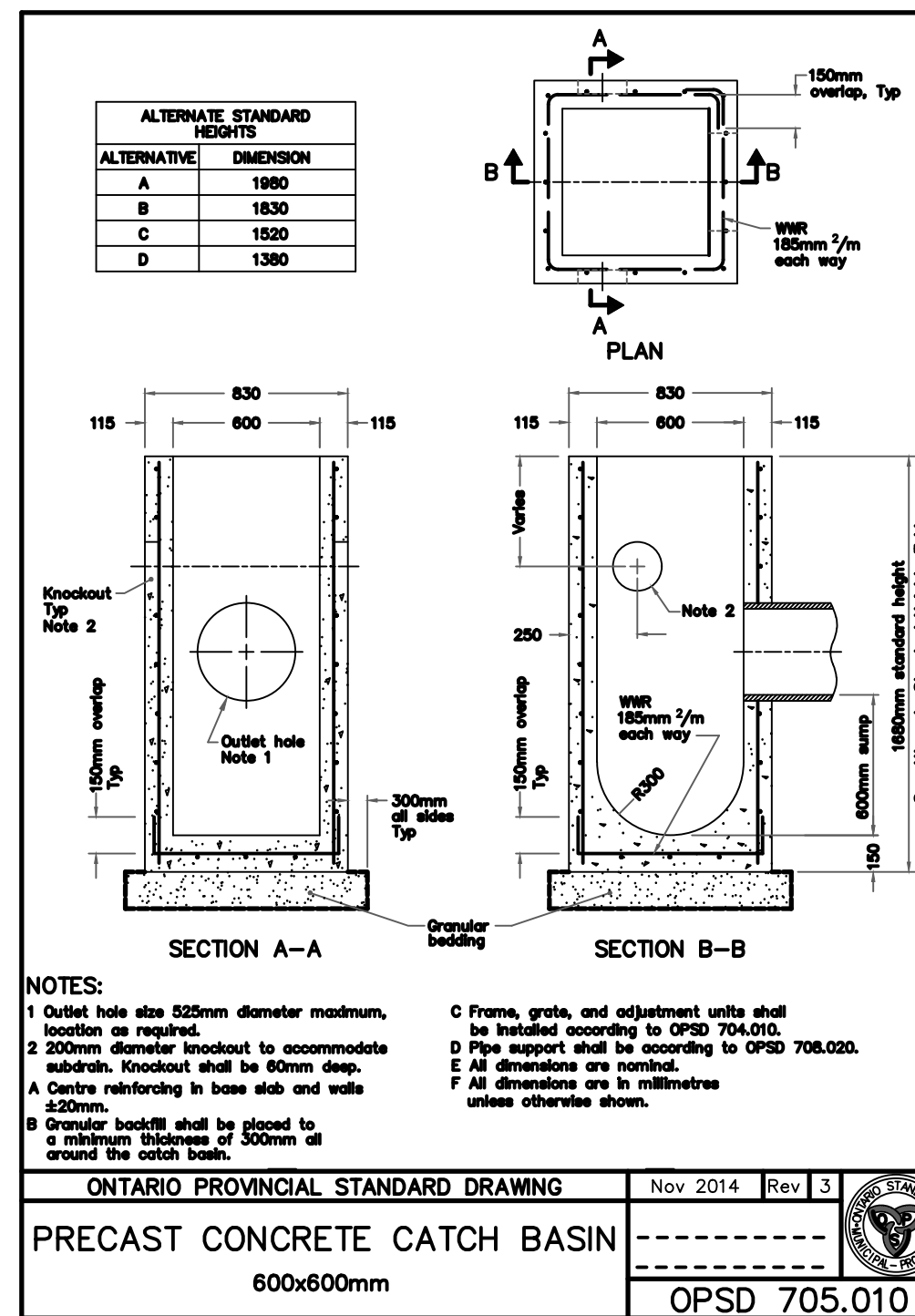


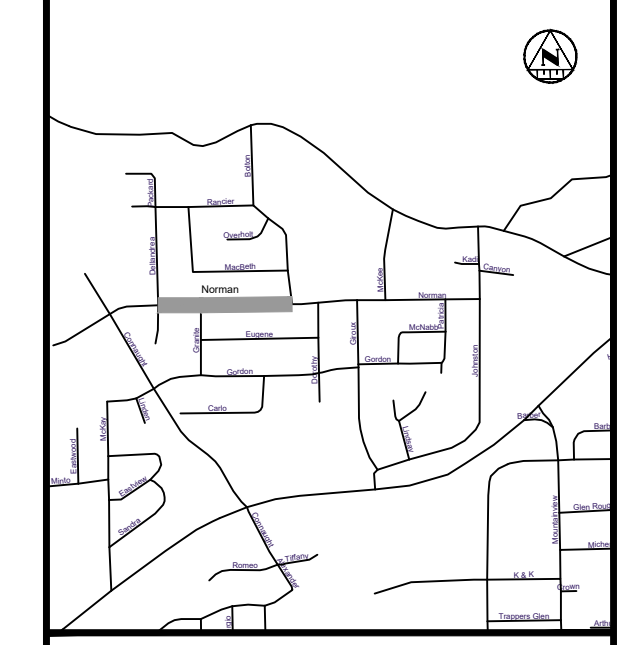
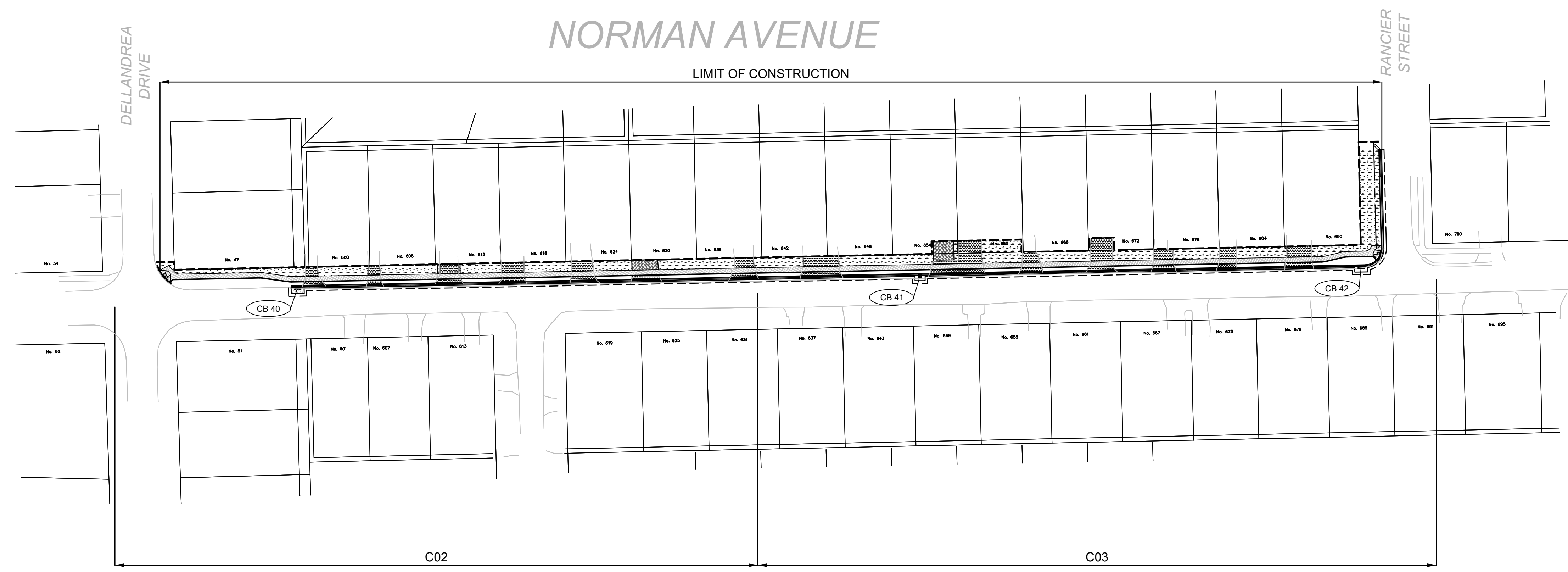
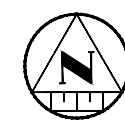
CITY OF NORTH BAY
ICIP SIDEWALK PROGRAM

NEW CONSTRUCTION

Prince Edward Drive Details

Designer: A.Y. / C.B.	Checked by: D.L.
Date: 12/01/2021	Approved by: C.L.
Scale: 1:250 1:50	Drawing Set: C14 14 of 19





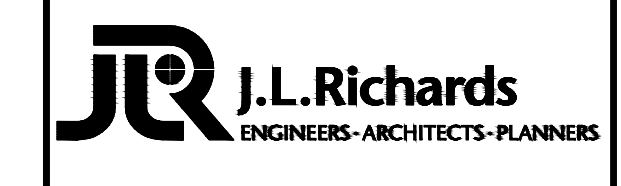
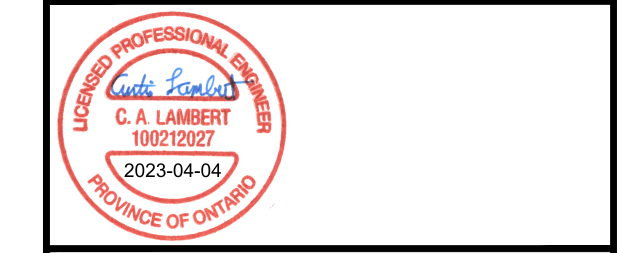
KEY PLAN

LEGEND

- PROPOSED**
- STORM PIPE
 - PROPOSED DITCH CENTERLINE
 - PERFORATED PIPE
 - STP CATCH BASIN AS PER OPSD 705.010
 - STP STORM MAINTENANCE HOLE AS PER OPSD 701.010
 - STP CATCH BASIN MAINTENANCE HOLE AS PER OPSD 701.010
 - CURB & GUTTER WITH DEPRESSED CURB
 - FULL DEPTH ROAD CUT WITH TOP LIFT MILLING
 - CONCRETE SIDEWALK
 - LIMIT OF GRADING
 - TACTILE WALKING SURFACE INDICATOR (TWSI)
- EXISTING**
- BELL—BELL— EXISTING BELL
 - EXISTING HYDRO
 - EXISTING GAS
 - EX 200mm Ø SAN EXISTING SANITARY PIPE
 - EX WATERMAIN & VALVE
 - LOT/CONCESSION LINES
 - EX. MAINTENANCE HOLE
 - EDGE OF PAVEMENT
 - HYDRO POLE/LIGHT
 - EXISTING DITCH

REVISIONS

No.	Date	By	Description
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5	DEC 16 2022	CL	ISSUED FOR TENDER
6	JAN 13 2023	CL	RE-ISSUED FOR TENDER
7	APRIL 03 2023	CL	ISSUED FOR CONSTRUCTION



CITY OF NORTH BAY
ICIP SIDEWALK
PROGRAM

NEW CONSTRUCTION

Norman Avenue
General Plan

Designer: A.Y. / C.B.	Checked by: D.L.
Date: 12/01/2021	Approved by: C.L.

Scale:
1:750

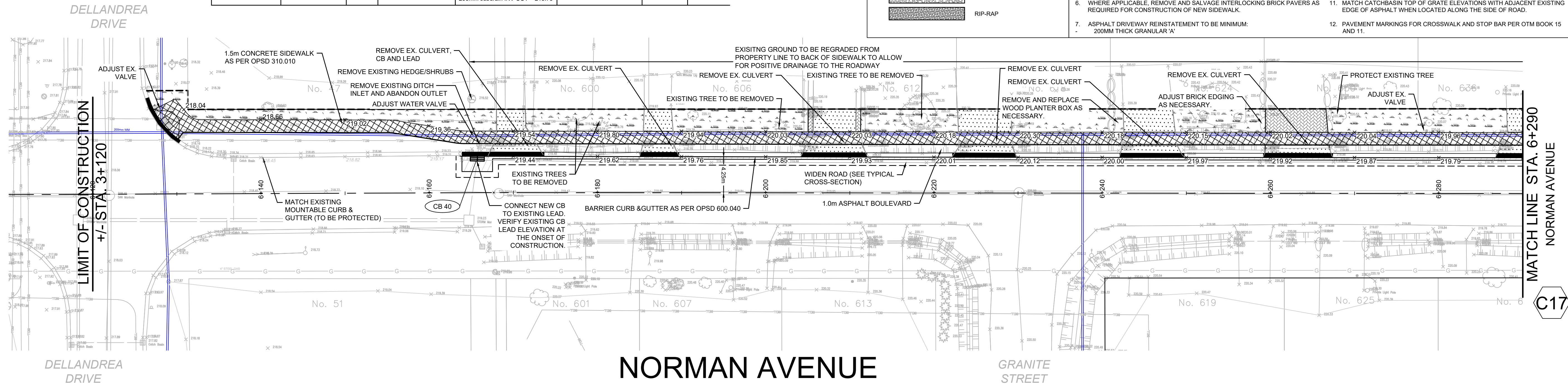
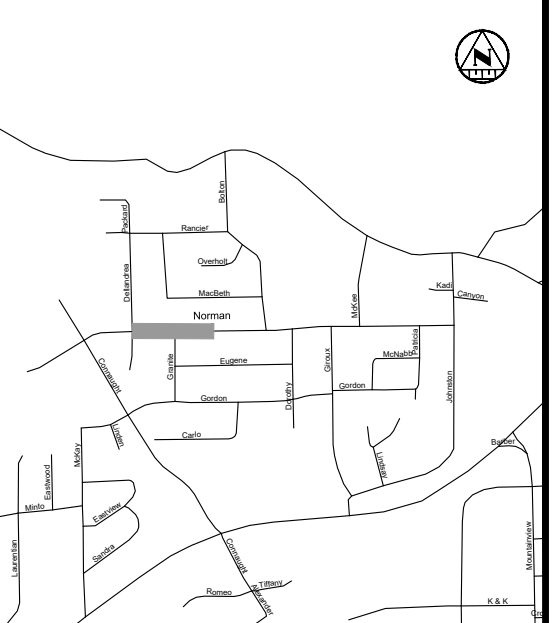
Drawing Number: C15	Drawing Set: 15 of 19
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- CONSTRUCTION NOTES:**
- THE LOCATION OF THE UTILITIES IS APPROXIMATE ONLY. THE EXACT LOCATION SHOULD BE DETERMINED BY CONSULTING THE MUNICIPAL AUTHORITIES AND UTILITY COMPANIES CONCERNED. THE CONTRACTOR SHALL PROVE THE LOCATION OF UTILITIES AND SHALL BE RESPONSIBLE FOR ADEQUATE PROTECTION FROM DAMAGE.
 - ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.
 - WITH THE EXCEPTION OF THE CITY OF NORTH BAY CONSTRUCTION SPECIFICATIONS & STANDARD DETAIL DRAWINGS REFERRED TO IN THIS CONTRACT, ONTARIO PROVINCIAL STANDARD DRAWINGS (OPSD) & STANDARD SPECIFICATIONS (OPSS) SHALL APPLY TO THIS CONTRACT.
 - ALL BASE MAPPING IS REFERENCED TO NORTH AMERICAN DATUM OF 1983 (NAD83)
 - ALL DISTURBED AREAS (SIDEWALK, PAVEMENT, CURB, SOD, ETC.) TO BE REINSTATED TO EXISTING CONDITIONS OR BETTER PER CITY OF NORTH BAY STANDARDS.
 - REFER TO GEOTECHNICAL REPORT. SOIL INFORMATION SHOWN IS NOT GUARANTEED AND CONTRACTORS ARE ADVISED TO COLLECT ADDITIONAL SOILS INFORMATION AS DEEMED NECESSARY.
 - CONTRACTOR TO ADVISE CONTRACT ADMINISTRATOR IMMEDIATELY OF ANY KNOWN CONFLICTS WITH TREES AND/OR EXISTING UTILITIES.
 - THE CONTRACTOR SHALL REMOVE, SALVAGE AND STORE IN SAFE AREA ALL EXISTING SIGNAGE IMPACTED BY WORK. REINSTATE ALL SIGNAGE AS PART OF WORK.
 - THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING PROTECTION FOR ALL EXISTING UNDERGROUND AND ABOVE GROUND UTILITIES DURING CONSTRUCTION.
 - THE REINSTATEMENT DRAWINGS ARE APPROXIMATE ONLY AND ARE BASED ON SURVEY AND BASE MAPPING INFORMATION, WHICH MAY NOT INCLUDE ALL LANDSCAPING FEATURES AND DETAILS. SOME LANDSCAPING FEATURES MAY ALSO HAVE BEEN CHANGED BY HOMEOWNERS SINCE THE SURVEY WAS COMPLETED. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE DOCUMENTS/PHOTOGRAPHING THE PRE-CONSTRUCTION CONDITIONS AND LANDSCAPING AT EACH PROPERTY PRIOR TO CARRYING OUT ANY REMOVALS. REINSTATEMENT SHALL MATCH THE PRE-CONSTRUCTION CONDITIONS UNLESS DIRECTED OTHERWISE BY THE CONTRACT ADMINISTRATOR.
 - EXISTING UNDERGROUND UTILITIES AND SERVICES DEPICTED ON THE DRAWINGS REPRESENT LOCATIONS IDENTIFIED ON THE CITY'S RECORD DRAWINGS. NOT ALL EXISTING UNDERGROUND UTILITIES AND SERVICES ARE DEPICTED ON THESE DRAWINGS. NO REPRESENTATION AS TO THE DEPTH OF ALL UTILITIES AND SERVICES IS MADE.
 - CONTRACTOR TO MAINTAIN ACCESS AT ALL TIMES TO ALL MHS, VALVE BOXES AND VALVE CHAMBERS.
 - CONTRACTOR SHALL EXCAVATE NEAR AND TEMPORARILY SUPPORT EXISTING UTILITIES IN ACCORDANCE WITH THEIR THIRD-PARTY REQUIREMENTS. THE USE OF HYDRO-EXCAVATION IN THE VICINITY OF EXCAVATION AND TREES IS INCLUSIVE TO THE EXCAVATION WORK.
 - CONTRACTOR TO CONFIRM ALL PROPOSED STORM AND DITCH OUTLET ELEVATIONS AT THE ONSET OF CONSTRUCTION. NOTIFY THE CA OF ANY DISCREPANCIES.

Structure Table							
Structure Name	Structure Type	Cover	Rim Elevation (m)	Connected Pipes (m)	Sump Depth (m)	Northing	Easting
CB 40	OPSD 705.020	Standard	219.32	OUT = Existing CB Lead	0.60	5131741.6840	620496.5575
CB 41	OPSD 705.010	Standard	219.26	200mm subdrain INV OUT = 218.66	0.60	5131745.0489	620670.8025
CB 42	OPSD 705.020	Standard	217.37	200mm subdrain INV IN = 216.77 200mm subdrain INV OUT = 216.76	0.60	5131747.4804	620794.2652

REINSTATEMENT LEGEND:	
	DRIVEWAY ASPHALT
	ROAD ASPHALT
	SOD (SEE NOTE 2)
	GRANULARS
	PAVERS
	RIVER ROCK
	RIP-RAP

- CONSTRUCTION NOTES:**
- CONTRACTOR TO CONFIRM ALL GRADES AND TIE-IN POINTS PRIOR TO CONSTRUCTING NEW SIDEWALKS.
 - REINSTATE GRASSED AREAS WITH 100MM OF TOPSOIL AND No.1 NURSERY SOD.
 - PROTECT ALL UTILITIES INCLUDING UTILITY POLES.
 - ALL TREES ARE TO BE PROTECTED.
 - SAW CUT ASPHALT TO PROVIDE CLEAN LINES PRIOR TO REINSTATEMENT. PROVIDE 300MM WIDE STEP JOINT (400MM DEEP). TREAT ALL CUT FACES WITH TACK COAT BEFORE PLACING NEW ASPHALT.
 - WHERE APPLICABLE, REMOVE AND SALVAGE INTERLOCKING BRICK PAVERS AS REQUIRED FOR CONSTRUCTION OF NEW SIDEWALK.
 - ASPHALT DRIVEWAY REINSTATEMENT TO BE MINIMUM:
- 200MM THICK GRANULAR 'A'
 - GRANULAR DRIVEWAY REINSTATEMENT TO BE MINIMUM 200MM GRANULAR 'A'.
 - THE UTILITIES INFORMATION CONTAINED ON THIS DRAWING MAY BE BASED UPON DATA PROVIDED BY OTHERS AND MAY NOT HAVE BEEN VERIFIED BY EITHER AS-CONSTRUCTED DRAWINGS OR AN ONTARIO LAND SURVEYOR. THE CITY OF NORTH BAY CANNOT ACCEPT RESPONSIBILITY FOR ERRORS OR OMISSIONS ON ANY INFORMATION SHOWN HEREIN. FIELD VERIFICATION, LAND SURVEYS OR EXCAVATION (WITH CITY APPROVALS) MAY BE REQUIRED TO DETERMINE ACTUAL LOCATION OF ANY AND ALL UTILITIES OR PROPERTY LINES.
 - 3H:1V DITCH SIDE SLOPE TYPICAL. 2H:1V DITCH SIDE SLOPE TO ONLY BE USED LOCALLY WHERE EXISTING FEATURES (IE. TREES, UTILITY POLES, HYDRANTS) WARRANT IT.
 - MATCH CATCH-BASIN TOP OF GRATE ELEVATIONS WITH ADJACENT EXISTING EDGE OF ASPHALT WHEN LOCATED ALONG THE SIDE OF ROAD.
 - PAVEMENT MARKINGS FOR CROSSWALK AND STOP BAR PER OTM BOOK 15 AND 11.



KEY PLAN

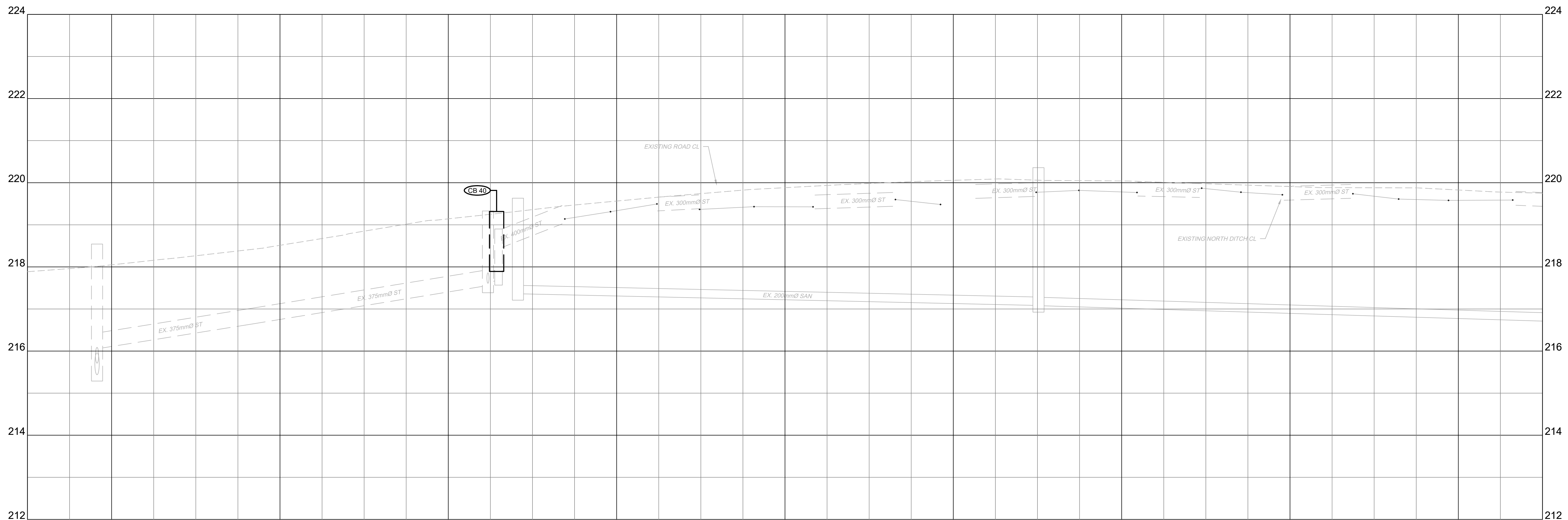
LEGEND

PROPOSED

- 375mm Ø ST
- STORM PIPE
- PROPOSED DITCH CENTERLINE
- PERFORATED PIPE
- CATCH BASIN AS PER OPSD 705.010
- STORM MAINTENANCE HOLE AS PER OPSD 701.010
- CATCH BASIN MAINTENANCE HOLE AS PER OPSD 701.010
- CURB & GUTTER WITH DEPRESSED CURB
- FULL DEPTH ROAD CUT WITH TOP LIFT MILLING
- CONCRETE SIDEWALK
- LIMIT OF GRADING
- TACTILE WALKING SURFACE INDICATOR (TWSI)

EXISTING

- BELL
- EXISTING BELL
- EXISTING HYDRO
- EXISTING GAS
- EXISTING SANITARY PIPE
- EX. WATERMAIN & VALVE
- LOT/CONCESSION LINES
- EX. MAINTENANCE HOLE
- EDGE OF PAVEMENT
- HYDRO POLE/LIGHT
- EXISTING DITCH



REVISIONS

No.	Date	By	Description
1	OCT 05 2021	AT	ISSUED FOR 30% DESIGN
2	DEC 23 2021	CL	ISSUED FOR 60% DESIGN
3	APR 29 2022	CL	ISSUED FOR 90% DESIGN
4	DEC 09 2022	CL	ISSUED FOR CLIENT REVIEW
5	DEC 16 2022	CL	ISSUED FOR TENDER
6	JAN 13 2023	CL	RE-ISSUED FOR TENDER
7	APRIL 03 2023	CL	ISSUED FOR CONSTRUCTION



CITY OF NORTH BAY
ICIP SIDEWALK PROGRAM

NEW CONSTRUCTION

Norman Avenue
Plan & Profile
Sta. 6+110 to Sta. 6+290

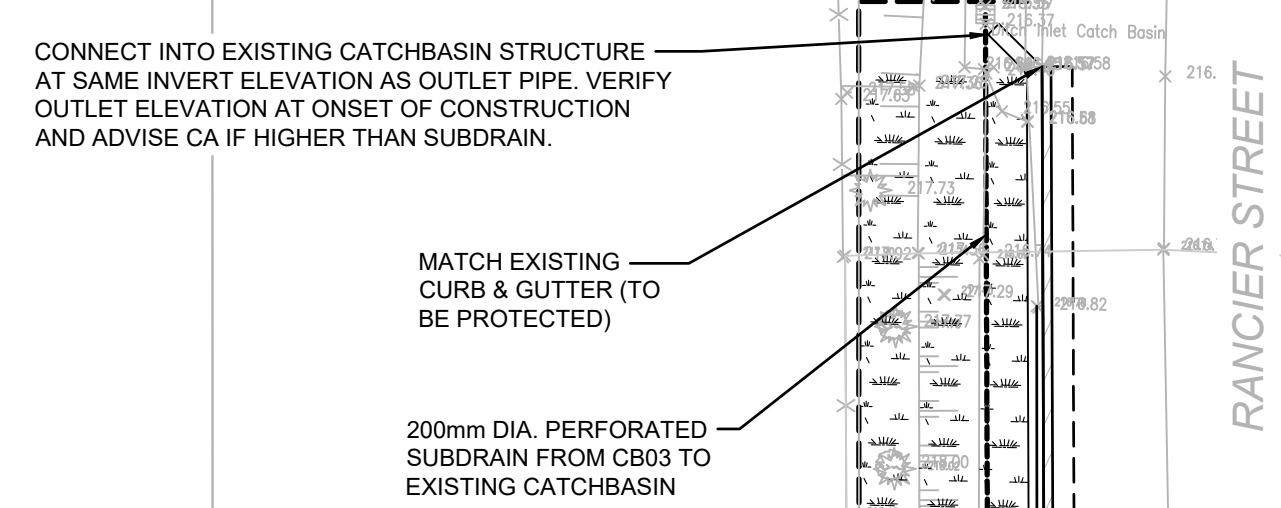
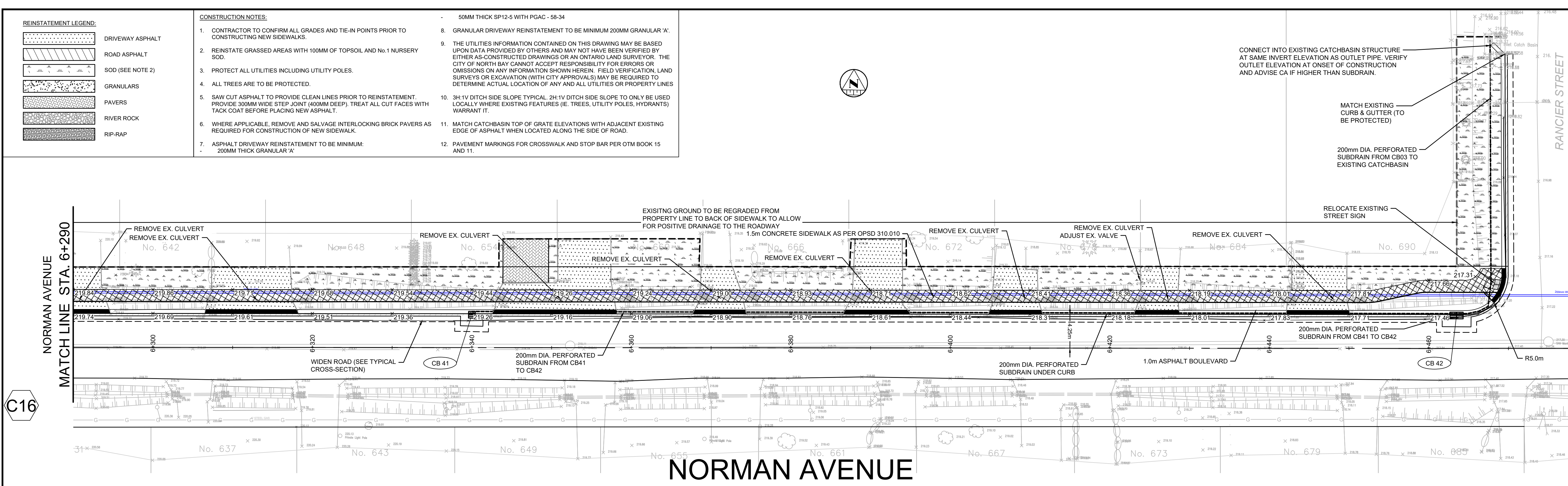
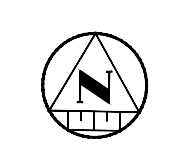
Designer: A.Y. / C.B.	Checked by: D.L.
Date: 12/01/2021	Approved by: C.L.

Scale:
1:250
1:50

Drawing Number: **C16** Drawing Set: **16 of 19**

EXISTING ROAD C.L. ELEVATIONS	6+110.00	6+120.00	6+140.00	6+160.00	6+180.00	6+200.00	6+220.00	6+240.00	6+260.00	6+280.00	6+290.00
STORM SEWER INV. ELEVATION											
C.L. ROADWAY STATION	6+110.00	6+120.00	6+140.00	6+160.00	6+180.00	6+200.00	6+220.00	6+240.00	6+260.00	6+280.00	6+290.00

REINSTATEMENT LEGEND:	CONSTRUCTION NOTES:
DRIVEWAY ASPHALT	1. CONTRACTOR TO CONFIRM ALL GRADES AND TIE-IN POINTS PRIOR TO CONSTRUCTING NEW SIDEWALKS.
ROAD ASPHALT	2. REINSTATE GRASSED AREAS WITH 100MM OF TOPSOIL AND No.1 NURSERY SOD.
SOD (SEE NOTE 2)	3. PROTECT ALL UTILITIES INCLUDING UTILITY POLES.
GRANULARS	4. ALL TREES ARE TO BE PROTECTED.
PAVERS	5. SAW CUT ASPHALT TO PROVIDE CLEAN LINES PRIOR TO REINSTATEMENT. PROVIDE 300MM WIDE STEP JOINT (400MM DEEP); TREAT ALL CUT FACES WITH TACK COAT BEFORE PLACING NEW ASPHALT.
RIVER ROCK	6. WHERE APPLICABLE, REMOVE AND SALVAGE INTERLOCKING BRICK PAVERS AS REQUIRED FOR CONSTRUCTION OF NEW SIDEWALK.
RIP-RAP	7. ASPHALT DRIVEWAY REINSTATEMENT TO BE MINIMUM: 200MM THICK GRANULAR 'A'
	8. GRANULAR DRIVEWAY REINSTATEMENT TO BE MINIMUM 200MM GRANULAR 'A'.
	9. THE UTILITIES INFORMATION CONTAINED ON THIS DRAWING MAY BE BASED UPON DATA PROVIDED BY OTHERS AND MAY NOT HAVE BEEN VERIFIED BY EITHER AS-CONSTRUCTED DRAWINGS OR AN ONTARIO LAND SURVEYOR. THE CITY OF NORTH BAY CANNOT ACCEPT RESPONSIBILITY FOR ERRORS OR OMISSIONS ON ANY INFORMATION SHOWN HEREIN. FIELD VERIFICATION, LAND SURVEYS OR EXCAVATION (WITH CITY APPROVALS) MAY BE REQUIRED TO DETERMINE ACTUAL LOCATION OF ANY AND ALL UTILITIES OR PROPERTY LINES WARRANT IT.
	10. 3H:1V DITCH SIDE SLOPE TYPICAL. 2H:1V DITCH SIDE SLOPE TO ONLY BE USED LOCALLY WHERE EXISTING FEATURES (IE. TREES, UTILITY POLES, HYDRANTS) WARRANT IT.
	11. MATCH CATCHBASIN TOP OF GRATE ELEVATIONS WITH ADJACENT EXISTING EDGE OF ASPHALT WHEN LOCATED ALONG THE SIDE OF ROAD.
	12. PAVEMENT MARKINGS FOR CROSSWALK AND STOP BAR PER OTM BOOK 15 AND 11.



KEY PLAN

LEGEND

PROPOSED

- 375mm Ø ST - STORM PIPE
- PROPOSED DITCH CENTERLINE
- PERFORATED PIPE
- CATCH BASIN AS PER OPSD 705.010
- STORM MAINTENANCE HOLE AS PER OPSD 701.010
- CATCH BASIN MAINTENANCE HOLE AS PER OPSD 701.010
- CURB & GUTTER WITH DEPRESSED CURB
- FULL DEPTH ROAD CUT WITH TOP LIFT MILLING
- CONCRETE SIDEWALK
- LIMIT OF GRADING
- TACTILE WALKING SURFACE INDICATOR (TWSI)

EXISTING

- BELL-BELL
- EXISTING HYDRO
- EXISTING GAS
- EX. 200mm Ø SAN
- EX. 300mm Ø SAN
- LOT/CONCESSION LINES
- EX. MAINTENANCE HOLE
- EDGE OF PAVEMENT
- HYDRO POLE/LIGHT
- EXISTING DITCH

REVISIONS

No.	Date	By	Description
1	OCT 05 2021	AT	ISSUED FOR 30% DESIGN
2	DEC 23 2021	CL	ISSUED FOR 60% DESIGN
3	APR 29 2022	CL	ISSUED FOR 90% DESIGN
4	DEC 09 2022	CL	ISSUED FOR CLIENT REVIEW
5	DEC 16 2022	CL	ISSUED FOR TENDER
6	JAN 13 2023	CL	RE-ISSUED FOR TENDER
7	APRIL 03 2023	CL	ISSUED FOR CONSTRUCTION



CITY OF NORTH BAY
ICIP SIDEWALK PROGRAM

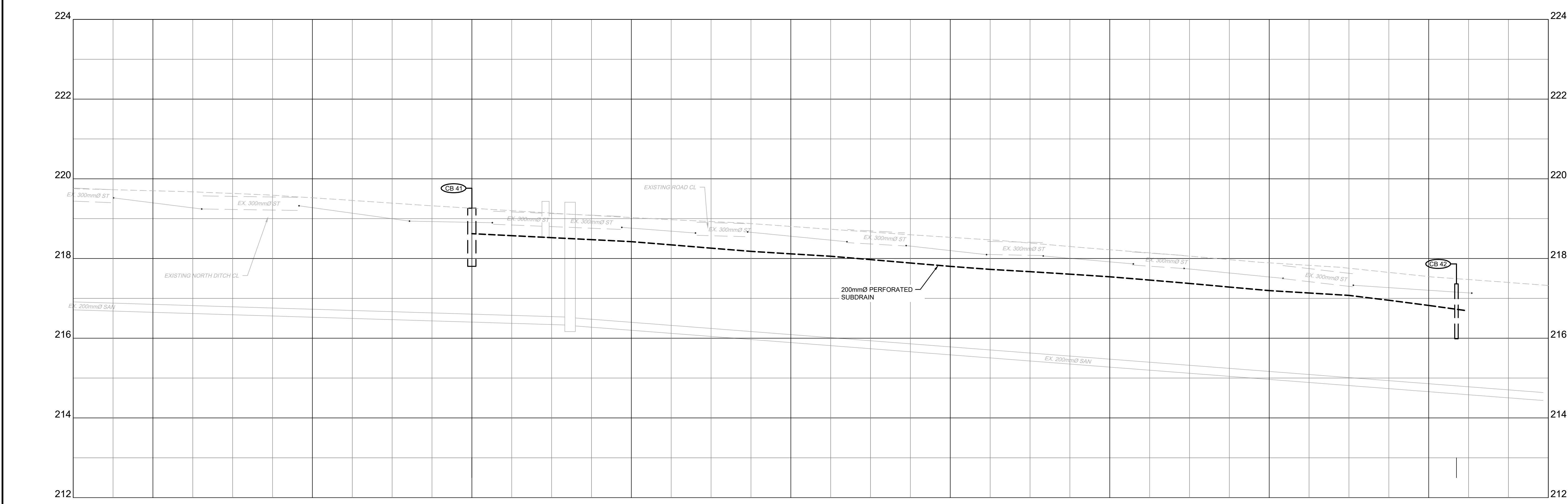
NEW CONSTRUCTION

Norman Avenue
Plan & Profile
Sta. 6+280 to Sta. 6+480

Designer: A.Y. / C.B.	Checked by: D.L.
Date: 12/01/2021	Approved by: C.L.

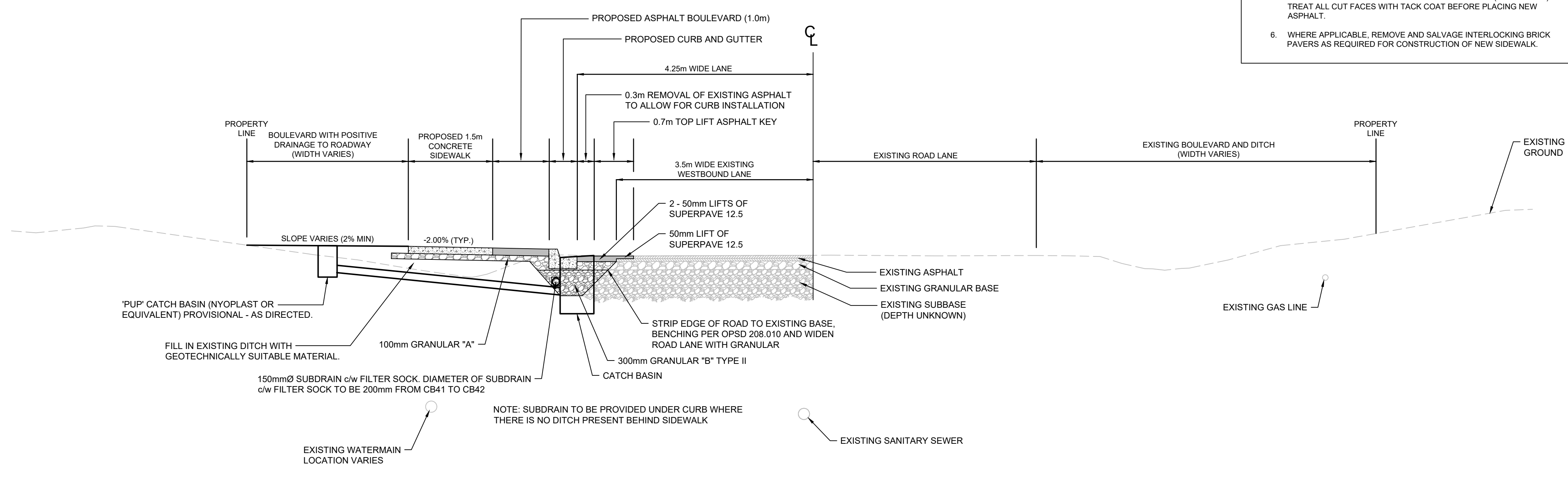
Scale: 1:250
1:50

Drawing Number: **C17** Drawing Set: **17 of 19**



EXISTING ROAD CL ELEVATIONS	STORM SEWER INV. ELEVATION	C.L. ROADWAY STATION
219.72		6+280.00
219.77		6+300.00
219.82		6+320.00
219.87		6+340.00
219.92		6+360.00
219.97		6+380.00
220.02		6+400.00
220.07		6+420.00
220.12		6+440.00
220.17		6+460.00
220.22		6+480.00

- CONSTRUCTION NOTES:**
- CONTRACTOR TO CONFIRM ALL GRADES AND TIE-IN POINTS PRIOR TO CONSTRUCTING NEW SIDEWALKS.
 - REINSTATE GRASSED AREAS WITH 100MM OF TOPSOIL AND No.1 NURSERY SOD.
 - PROTECT ALL UTILITIES INCLUDING UTILITY POLES.
 - ALL TREES ARE TO BE PROTECTED.
 - SAW CUT ASPHALT TO PROVIDE CLEAN LINES PRIOR TO REINSTATEMENT. PROVIDE 300MM WIDE STEP JOINT (400MM DEEP). TREAT ALL CUT FACES WITH TACK COAT BEFORE PLACING NEW ASPHALT.
 - WHERE APPLICABLE, REMOVE AND SALVAGE INTERLOCKING BRICK PAVERS AS REQUIRED FOR CONSTRUCTION OF NEW SIDEWALK.
 - ASPHALT DRIVEWAY REINSTATEMENT TO BE MINIMUM:
 - 200MM THICK GRANULAR 'A'
 - 50MM THICK HL3F MIX WITH PGAC - 58-34
 - GRANULAR DRIVEWAY REINSTATEMENT TO BE MINIMUM 200MM GRANULAR 'A'.
 - THE UTILITIES INFORMATION CONTAINED ON THIS DRAWING MAY BE BASED UPON DATA PROVIDED BY OTHERS AND MAY NOT HAVE BEEN VERIFIED BY EITHER AS-CONSTRUCTED DRAWINGS OR AN ONTARIO LAND SURVEYOR. THE CITY OF NORTH BAY CANNOT ACCEPT RESPONSIBILITY FOR ERRORS OR OMISSIONS ON ANY INFORMATION SHOWN HEREIN. FIELD VERIFICATION, LAND SURVEYS OR EXCAVATION (WITH CITY APPROVALS) MAY BE REQUIRED TO DETERMINE ACTUAL LOCATION OF ANY AND ALL UTILITIES OR PROPERTY LINES.
 - 3H:1V DITCH SIDE SLOPE TYPICAL. 2H:1V DITCH SIDE SLOPE TO ONLY BE USED LOCALLY WHERE EXISTING FEATURES (IE. TREES, UTILITY POLES, HYDRANTS) WARRANT IT.



**NORMAN AVENUE
TYPICAL CROSS SECTION**

STA. 6+330 SCALE: 1:50

KEY PLAN

LEGEND

PROPOSED

- 375mm Ø ST - STORM PIPE
- PROPOSED DITCH CENTERLINE
- PERFORATED PIPE
- CATCH BASIN AS PER OPSD 705.010
- STORM MAINTENANCE HOLE AS PER OPSD 701.010
- CATCH BASIN MAINTENANCE HOLE AS PER OPSD 701.010
- CURB & GUTTER WITH DEPRESSED CURB
- FULL DEPTH ROAD CUT WITH TOP LIFT MILLING
- CONCRETE SIDEWALK
- LIMIT OF GRADING
- TACTILE WALKING SURFACE INDICATOR (TWSI)

EXISTING

- BELL-BELL - EXISTING BELL
- H-H - EXISTING HYDRO
- G-G - EXISTING GAS
- Ex. 200mm Ø SAN - EXISTING SANITARY PIPE
- Ex. 305mm Ø W/M - EX. WATERMAIN & VALVE
- LOT/CONCESSION LINES
- EX. MAINTENANCE HOLE
- EDGE OF PAVEMENT
- HYDRO POLE/LIGHT
- EXISTING DITCH

REVISIONS

No.	Date	By	Description
1	OCT 05 2021	AT	ISSUED FOR 30% DESIGN
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4	DEC 09 2022	CL	ISSUED FOR CLIENT REVIEW
5	DEC 16 2022	CL	ISSUED FOR TENDER
6	JAN 13 2023	CL	RE-ISSUED FOR TENDER
7	APRIL 03 2023	CL	ISSUED FOR CONSTRUCTION



**CITY OF NORTH BAY
ICIP SIDEWALK
PROGRAM**

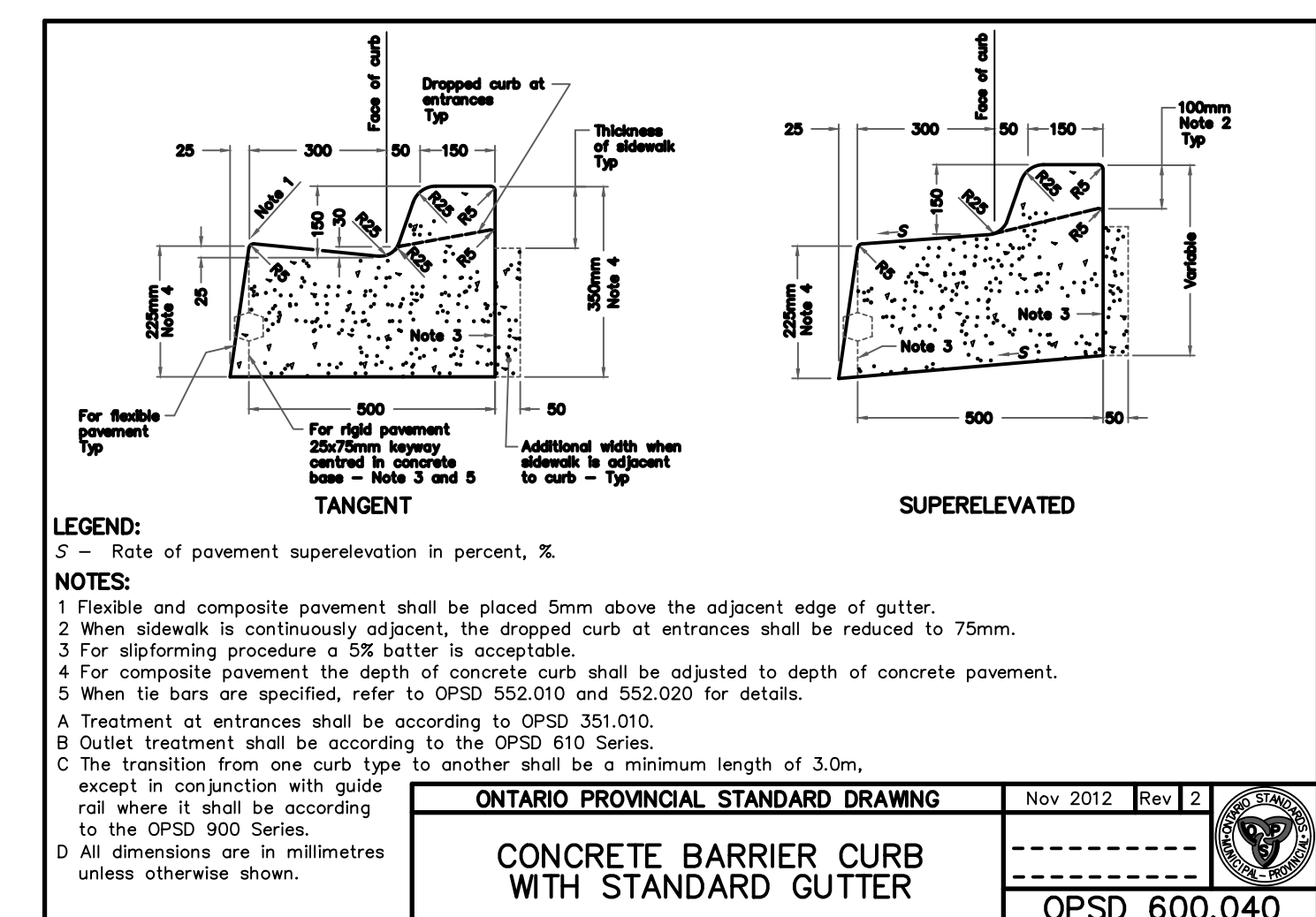
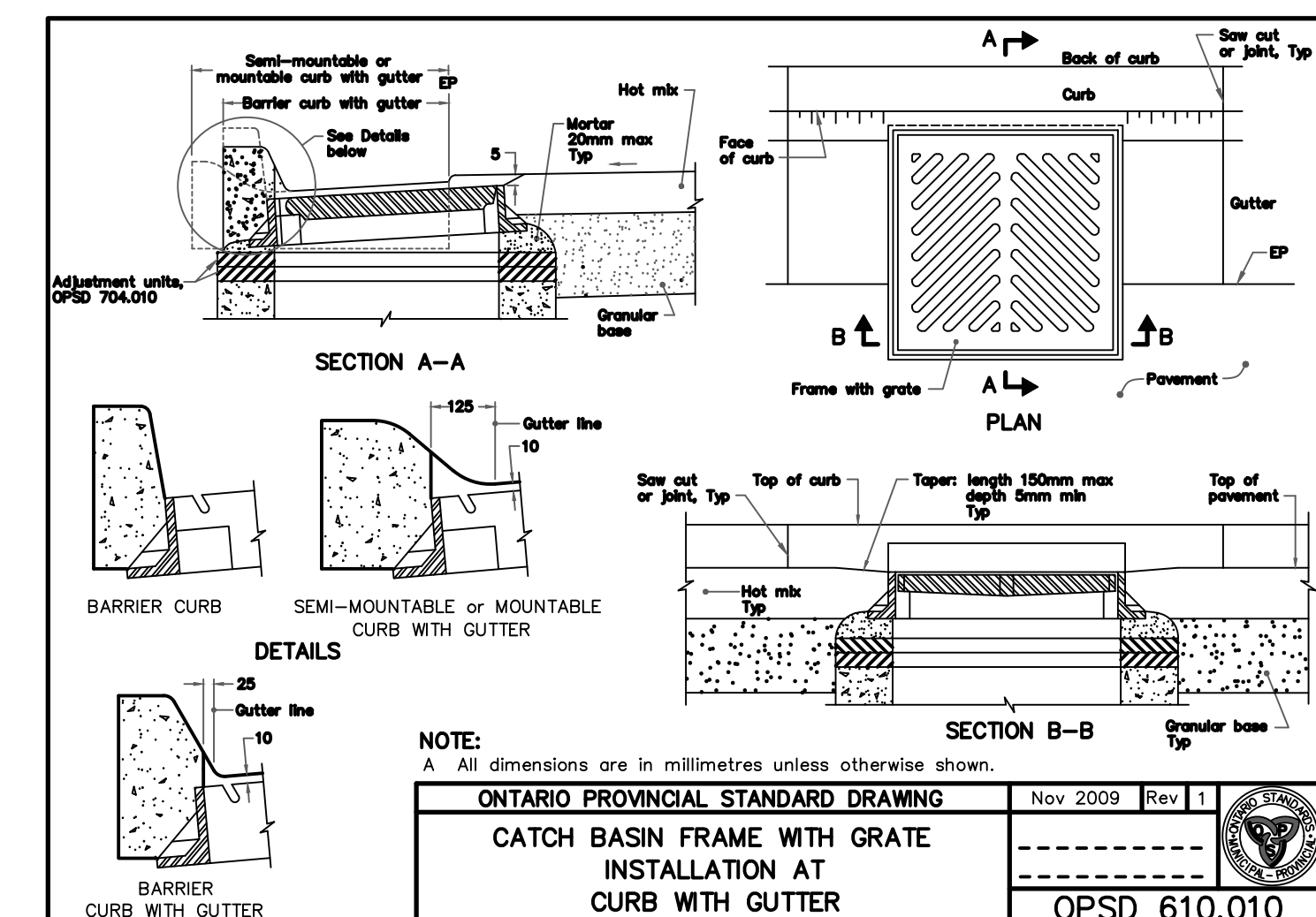
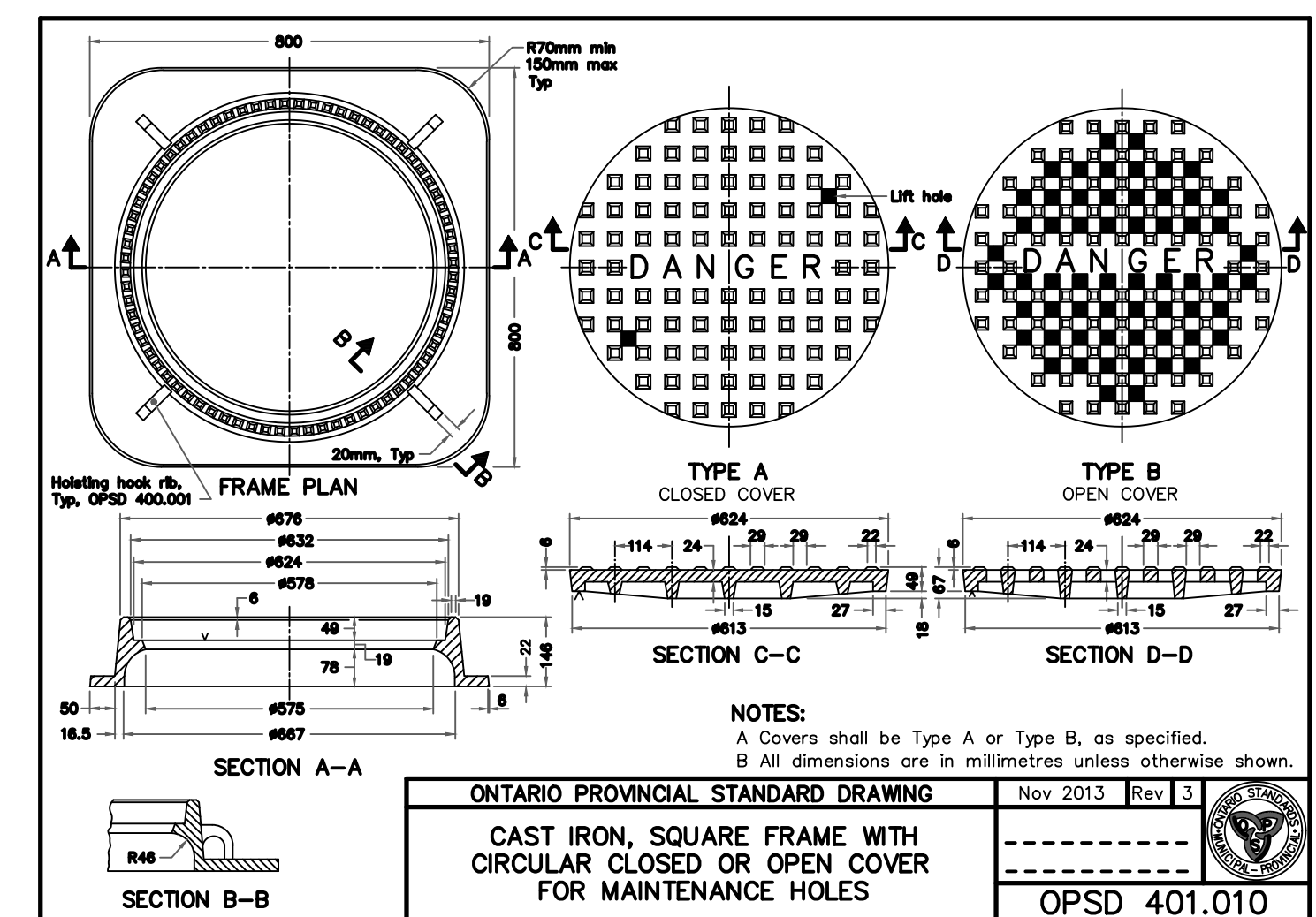
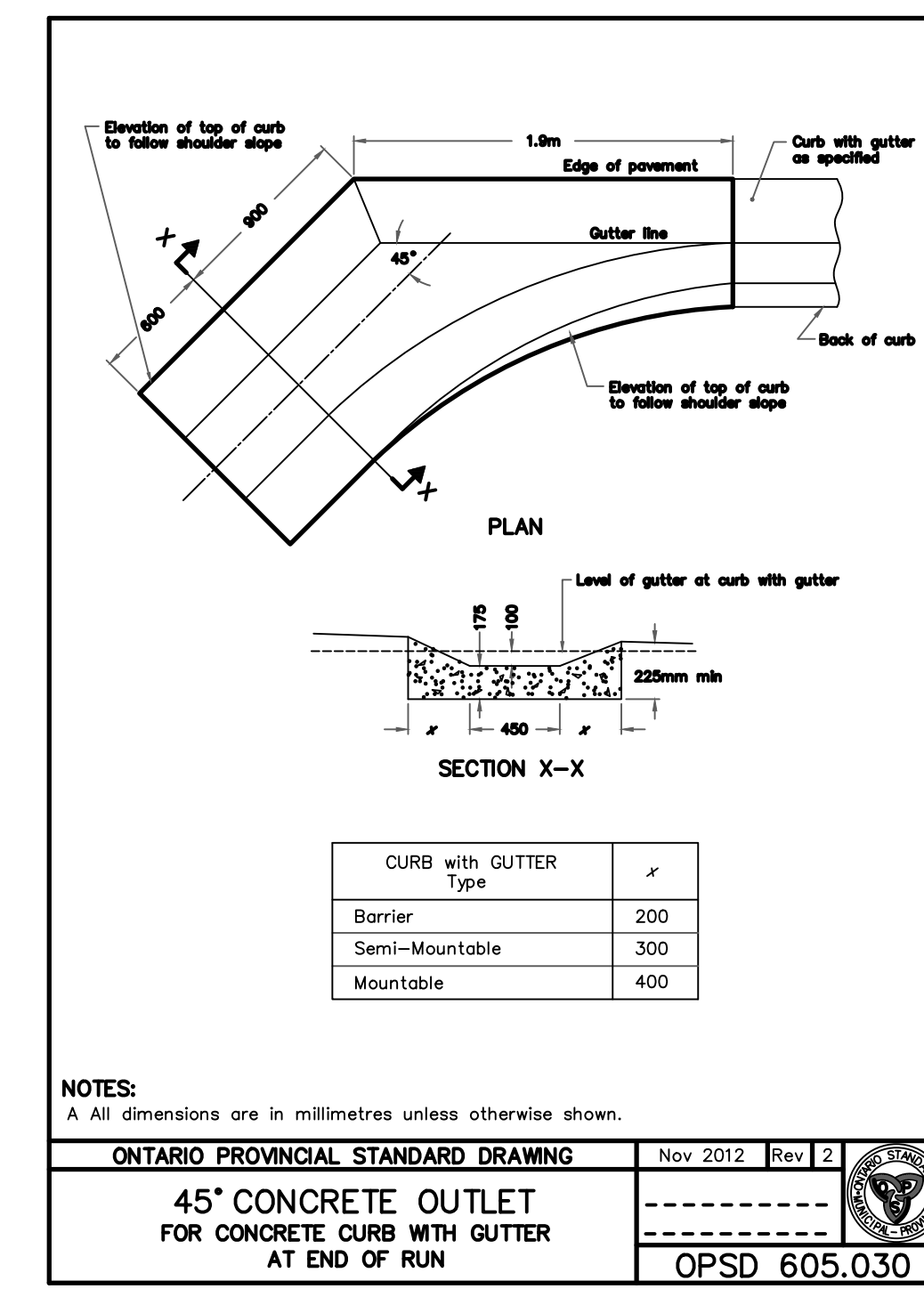
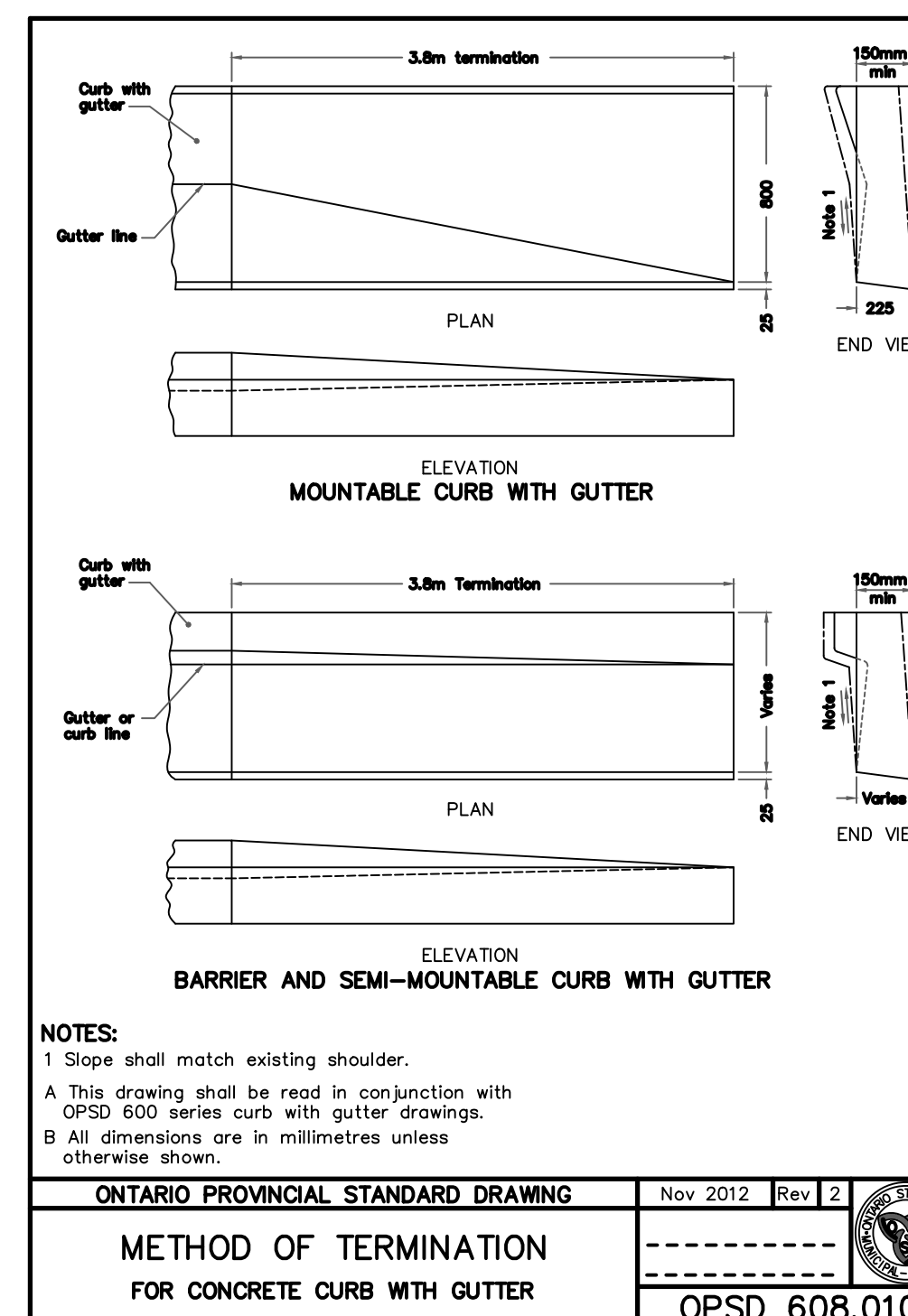
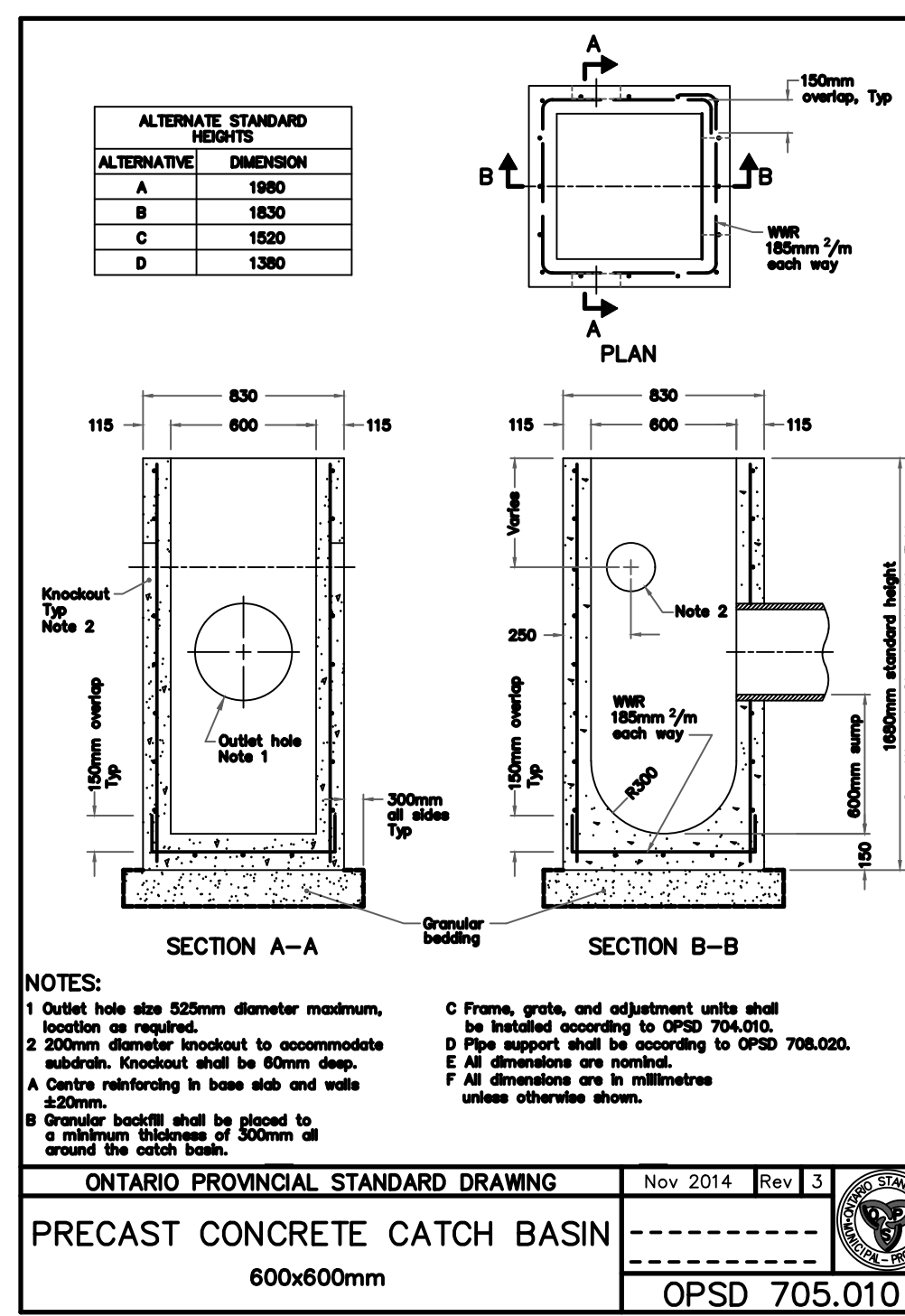
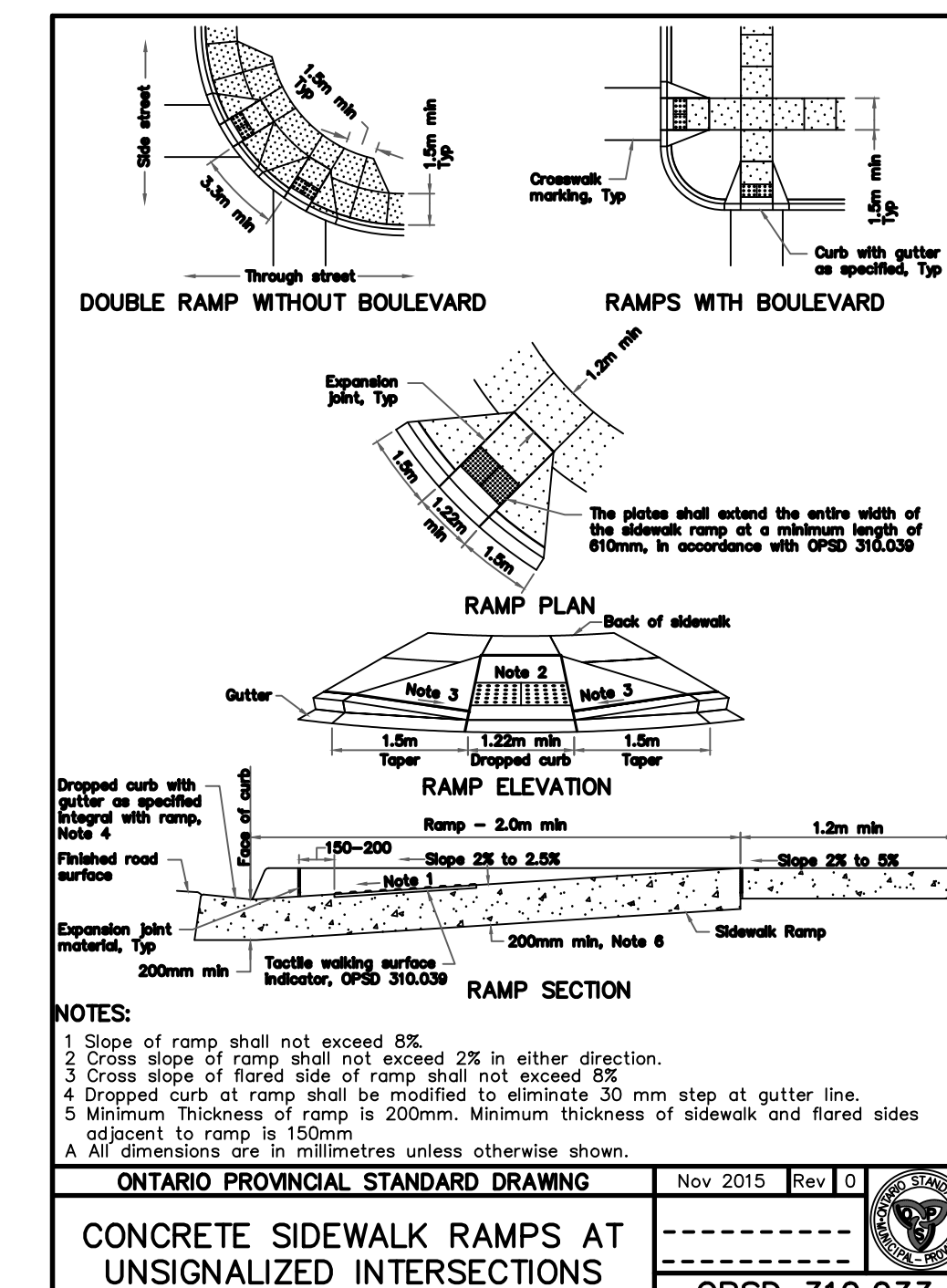
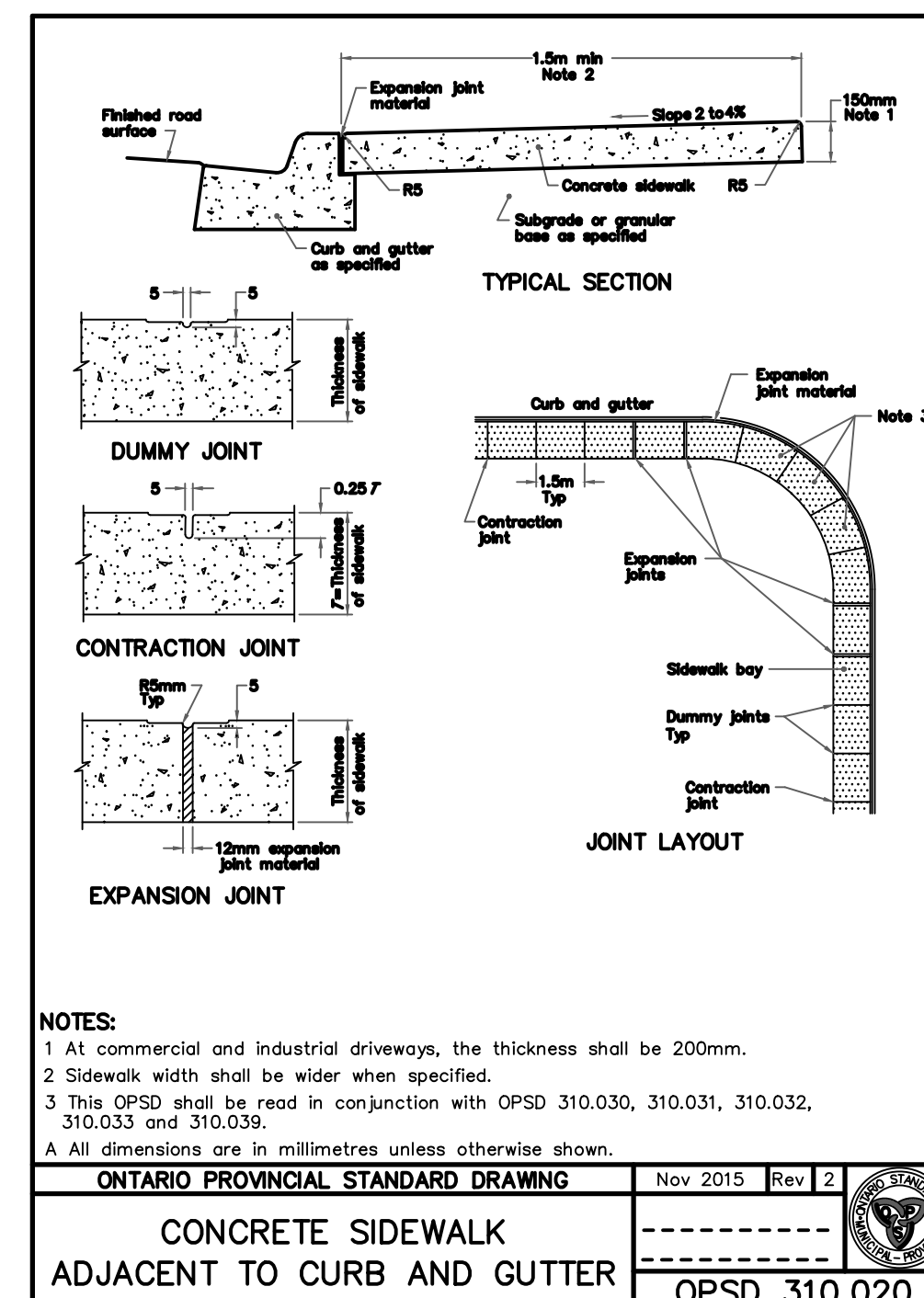
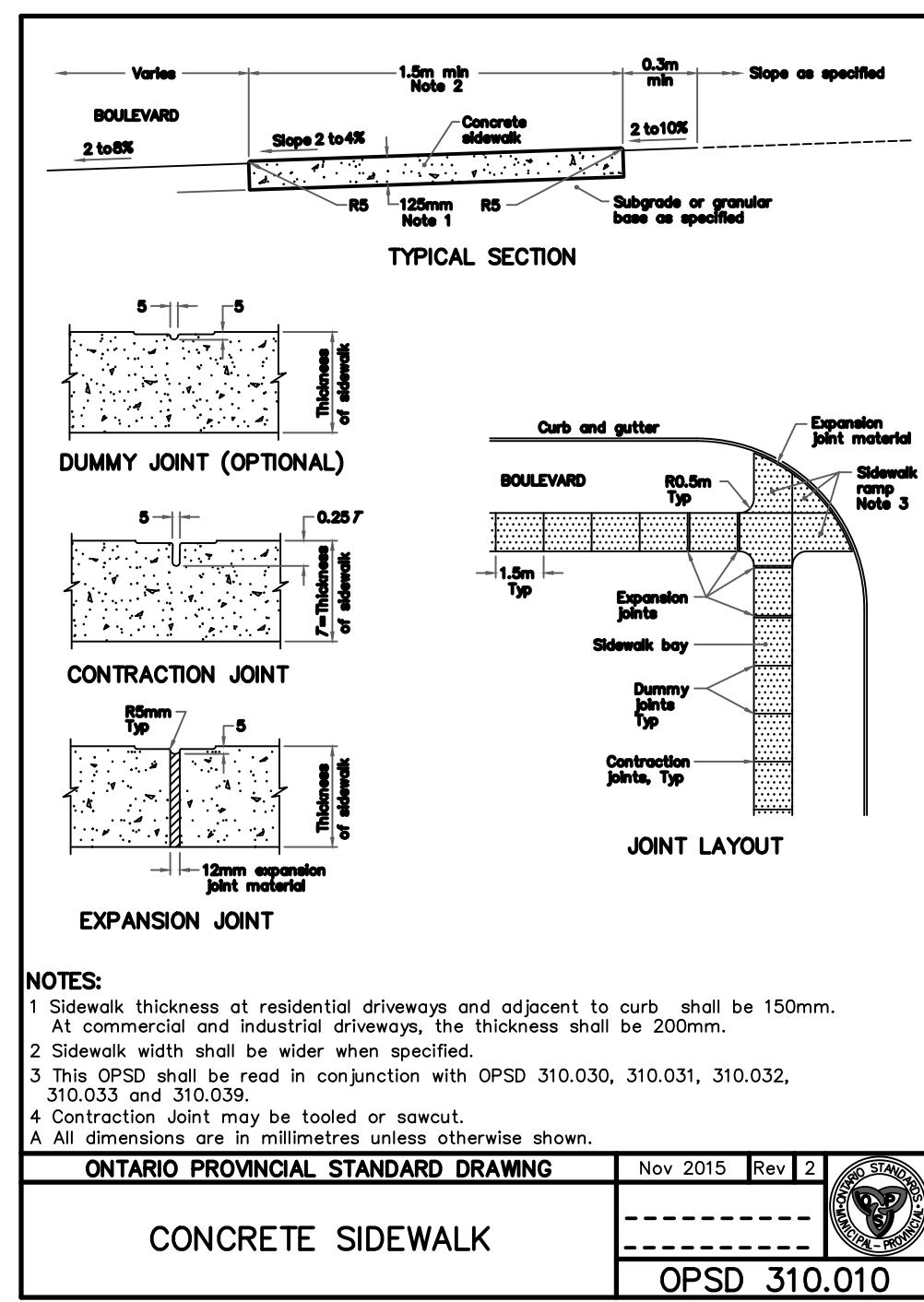
NEW CONSTRUCTION

**NORMAN AVENUE
TYPICAL CROSS
SECTIONS**

Designer: A.Y. / C.B. Checked by: D.L.
Date: 12/01/2021 Approved by: C.L.

Scale: 1:250 2.5 0 5 10
1:50 0.5 0 1 2

Drawing Number: **C18** Drawing Set: **18 of 19**



KEY PLAN

LEGEND PROPOSED

- 375mm Ø ST - STORM PIPE
- PROPOSED DITCH CENTERLINE
- PERFORATED PIPE
- CATCH BASIN AS PER OPSD 705.010
- STP - STORM MAINTENANCE HOLE AS PER OPSD 701.010
- STP - CATCH BASIN MAINTENANCE HOLE AS PER OPSD 701.010
- CURB & GUTTER WITH DERESSED CURB
- FULL DEPTH ROAD CUT WITH TOP LIFT MILLING
- LIMIT OF GRADING
- CONCRETE SIDEWALK
- TACTILE WALKING SURFACE INDICATOR (TWSI)

EXISTING

- BEL - BEL - EXISTING BELL
- EXISTING HYDRO
- EXISTING GAS
- EX 200mm Ø SAN - EXISTING SANITARY PIPE
- EX WATERMAIN & VALVE
- LOT/CONCESSION LINES
- EX MAINTENANCE HOLE
- EDGE OF PAVEMENT
- HYDRO POLE/LIGHT
- EXISTING DITCH

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7	APRIL 03 2023	CL	ISSUED FOR CONSTRUCTION



CITY OF NORTH BAY ICIP SIDEWALK PROGRAM

NEW CONSTRUCTION

Norman Avenue Details

Designer: A.Y. / C.B.	Checked by: D.L.
Date: 12/01/2021	Approved by: C.L.
Scale: 1:250 1:50	Drawing Number: C19
	Drawing Set: 19 of 19