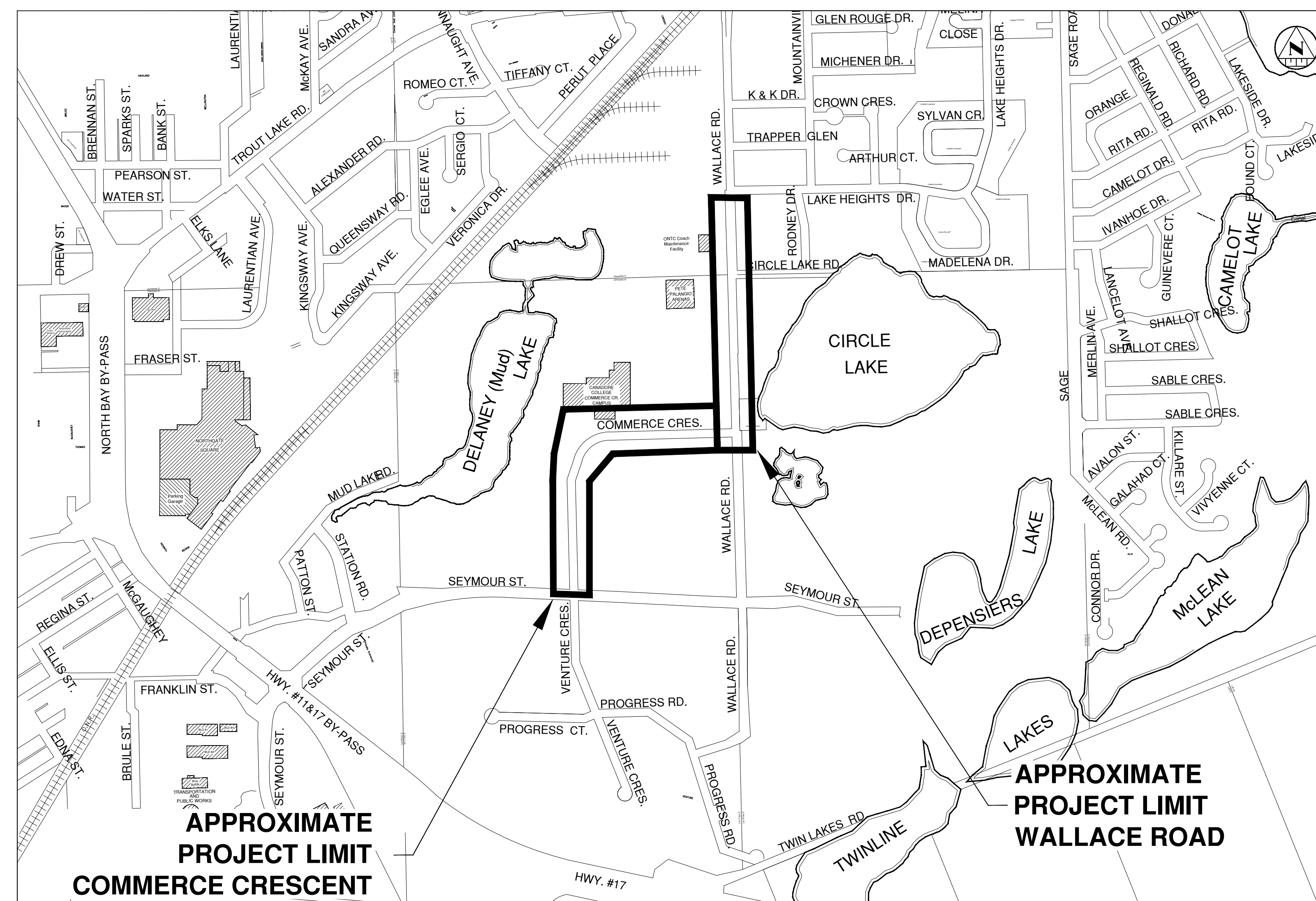


THE CORPORATION OF THE CITY OF NORTH BAY ICIP SIDEWALK PROGRAM WALLACE ROAD AND COMMERCE CRESCENT

TENDER 2025-04



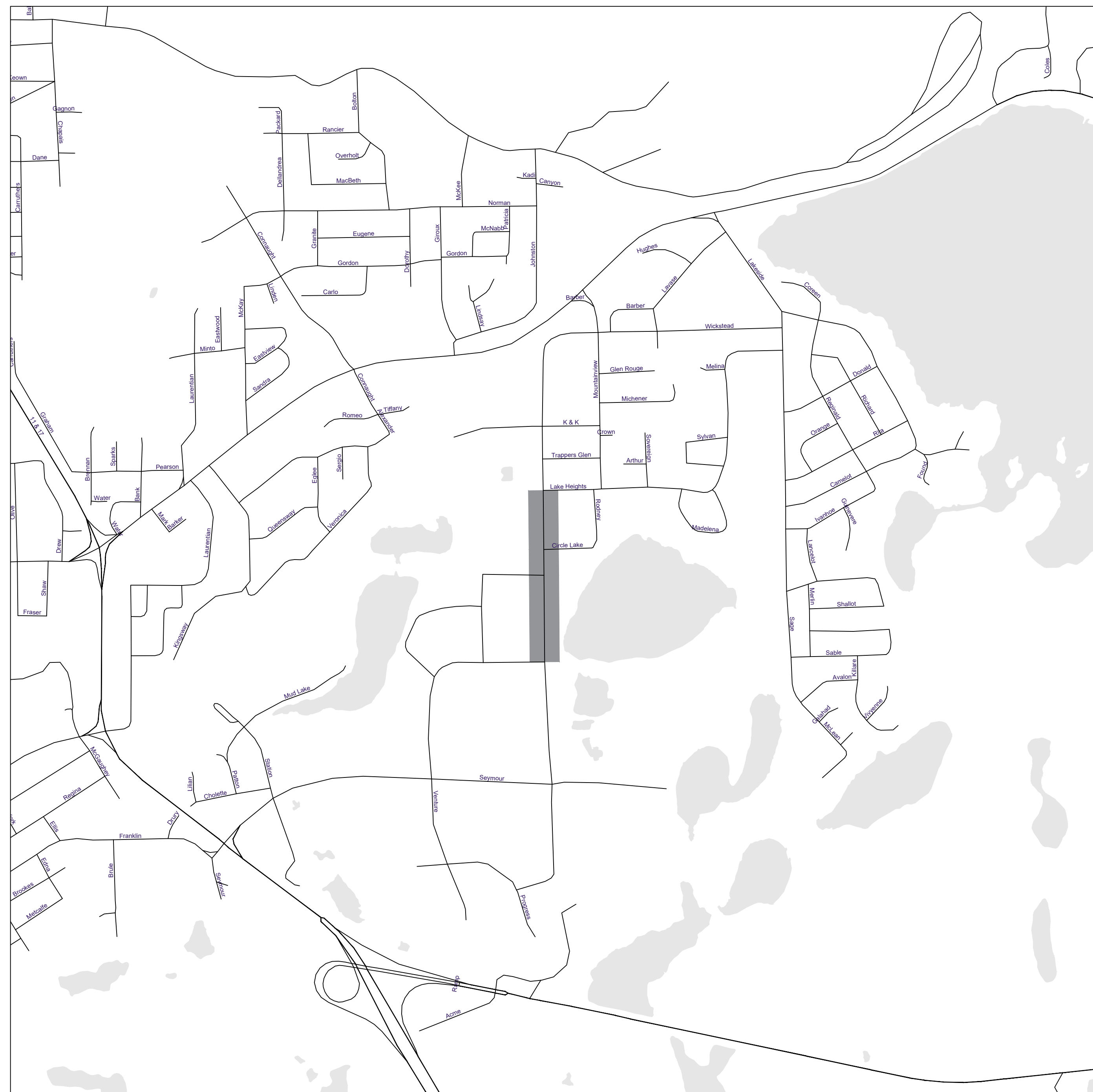
KEY PLAN
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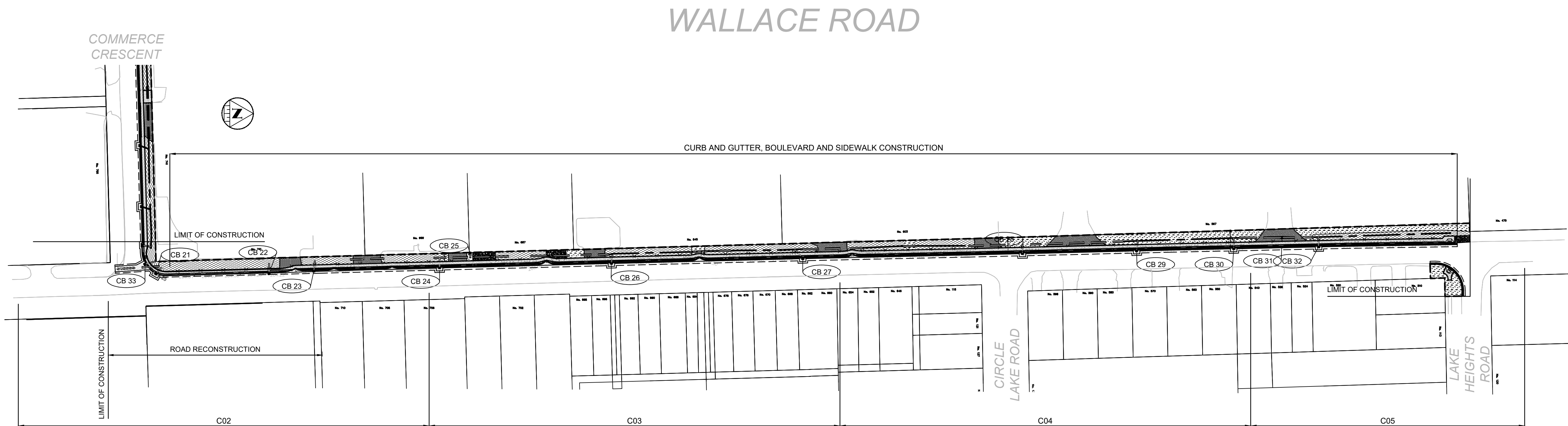
J.L.Richards
ENGINEERS-ARCHITECTS-PLANNERS

**J.L. Richards
& Associates Limited**
1000 - 343 PRESTON STREET
Ottawa, ON Canada
K1S 1N4
Tel: 613 728 3571
Fax: 613 728 6012



ICIP SIDEWALK PROGRAM WALLACE ROAD	
Sheet Number	Sheet Title
CS	Cover Sheet
C01	General Plan
C02	Plan and Profile
C03	Plan and Profile
C04	Plan and Profile
C05	Plan and Profile
C06	Typical Cross Sections
C07	Details

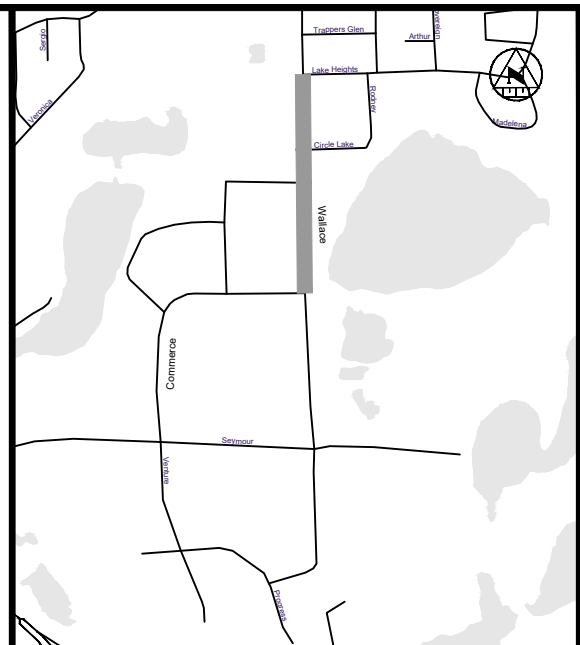
CITY OF NORTH BAY ICIP SIDEWALK PROGRAM WALLACE ROAD SITE



WALLACE ROAD

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 MHS, 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.



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**
- EXISTING BELL
 - EXISTING HYDRO
 - EXISTING GAS
 - EXISTING SANITARY PIPE
 - EX. 100mm Ø SAN
 - EX. 100mm Ø WM
 - EX. 100mm Ø VLM
 - 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 09 2022	CL	ISSUED FOR 90% DESIGN
4	DEC 09 2022	CL	ISSUED FOR CLIENT REVIEW
5	SEPT 25 2023	CL	ISSUED FOR TENDER
6	FEB 23 2024	CL	RE-ISSUED FOR TENDER

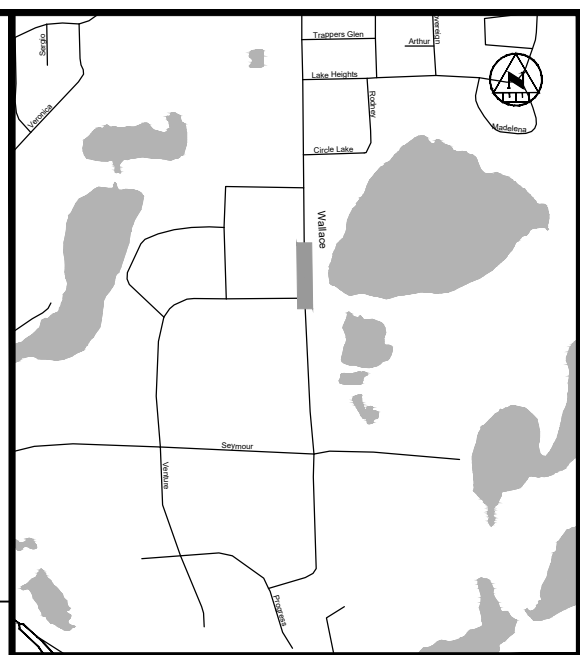


CITY OF NORTH BAY ICIP SIDEWALK PROGRAM

NEW CONSTRUCTION

Wallace Road General Plan

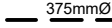






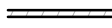



Designer: C.L.	Checked by: J.B.
Date: 23/02/2024	Approved by: C.L.
Scale: 1:1000	
Drawing Number: C01	Drawing Set: 01 of 07













KEY PLAN

LEGEND

PROPOSED

	STORM PIPE
	PROPOSED DITCH CENTERLINE
	PERFORATED PIPE
	CATCH BASIN AS PER OPSD 705.010
	STORM MAINTENANCE HOLE AS PER OPSD 721.010
	CATCH BASIN MAINTENANCE HOLE AS PER OPSD 701.010
	CURB & GUTTER WITH DEPRESSED CURB
	FULL DEPTH ROAD CUT WITH TOP LEFT 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			
No.	Date	By	Description
1	OCT 05 2021	AT	ISSUED FOR 30% DESIGN
2	DEC 23 2021	CL	ISSUED FOR 60% DESIGN
3	APR 09 2022	CL	ISSUED FOR 80% DESIGN
4	DEC 09 2022	CL	ISSUED FOR CLIENT REVIEW
5	SEPT 25 2023	CL	ISSUED FOR TENDER
6	FEB 23 2024	CL	RE-ISSUED FOR TENDER



CITY OF NORTH BAY
ICIP SIDEWALK
PROGRAM

NEW CONSTRUCTION

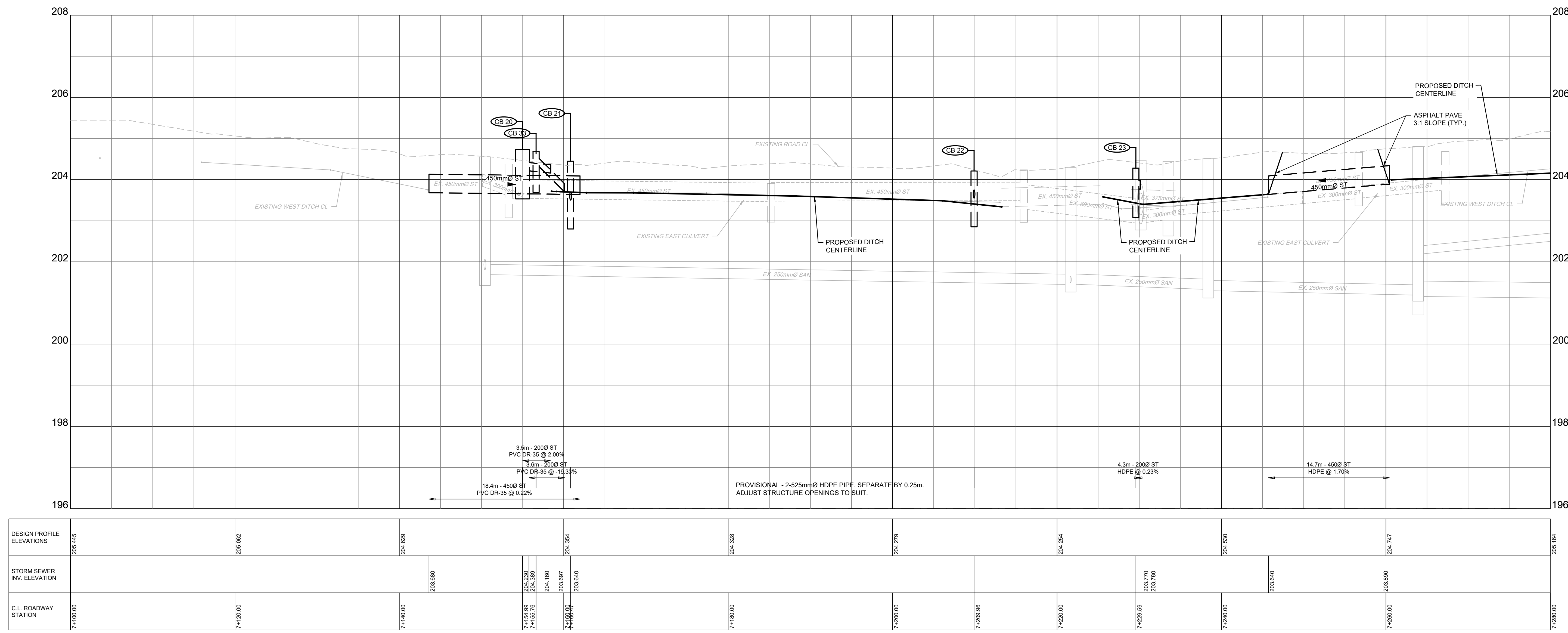
Wallace Road Plan & Profile

Sta. 7+100 to Sta. 7+280

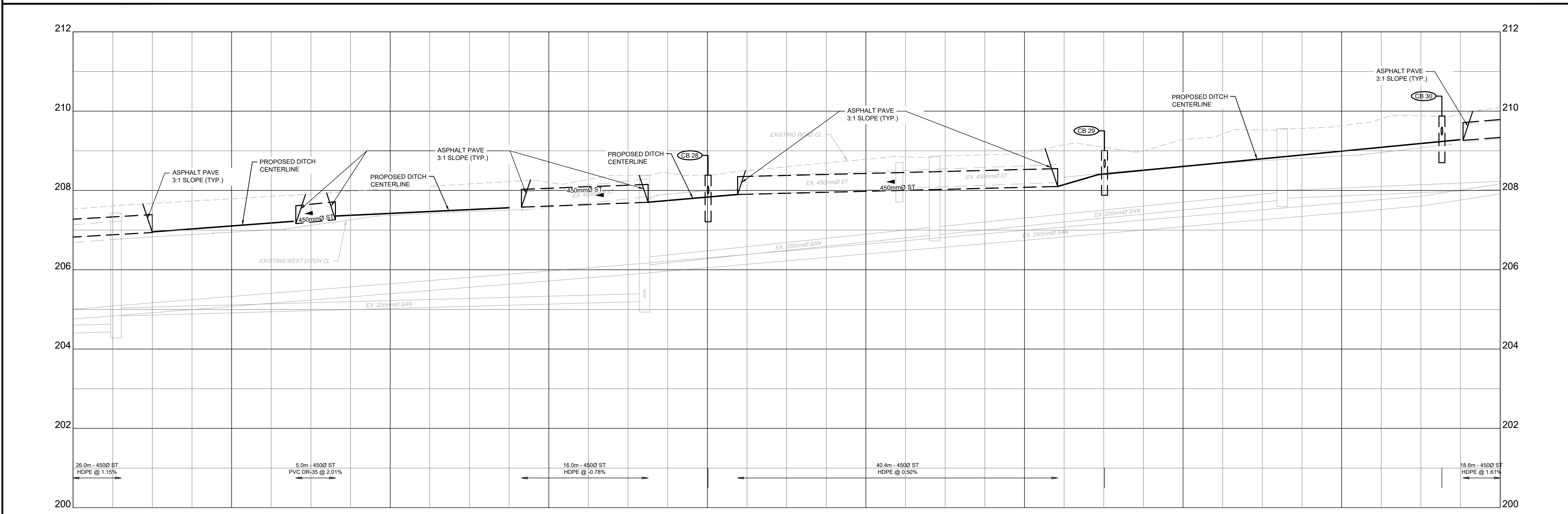
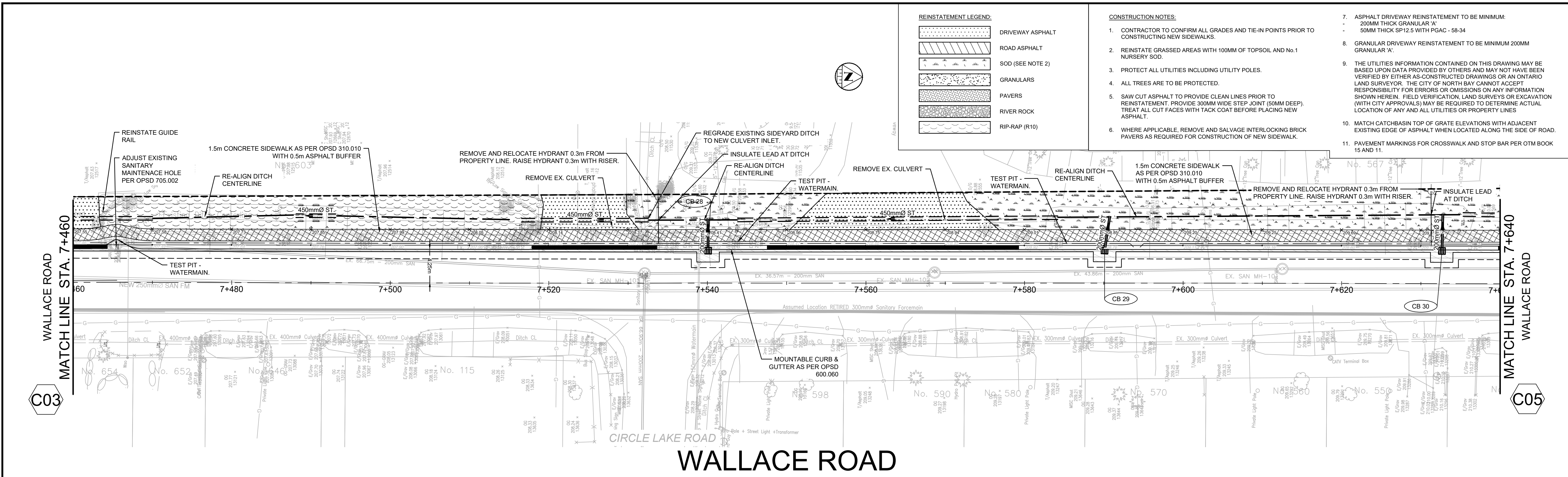
Designer: C.L.	Checked by: J.B.
Date: 23/02/2024	Approved by: C.L.



Drawing Number: C02	Drawing Set: 02 of 07
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DESIGN PROFILE ELEVATIONS	205.445	205.062	204.629	204.354	204.338	204.279	204.254	204.530	204.747
STORM SEWER INV. ELEVATION			203.680	203.680	203.680	203.680	203.680	203.680	203.680
C.L. ROADWAY STATION	7+100.00	7+120.00	7+140.00	7+154.99 7+155.76	7+160.00	7+200.00	7+220.00	7+240.00	7+260.00

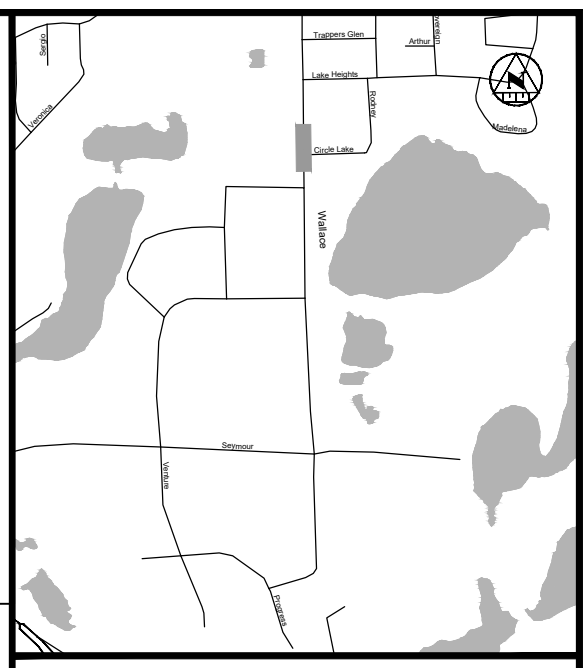


DESIGN PROFILE ELEVATIONS	207.541		207.789		208.038		208.203		208.388		208.767		208.943		209.290		209.633		210.103
STORM SEWER INV. ELEVATION	208.642	208.940		207.164	207.264		207.579		207.703		207.898		208.100				208.203		208.562
C.L. ROADWAY STATION	7+460.00		7+480.00		7+500.00		7+520.00		7+540.00		7+560.00		7+580.00		7+600.00		7+620.00		7+640.00

- REINSTATEMENT LEGEND:**

 - DRIVEWAY ASPHALT
 - ROAD ASPHALT
 - SOD (SEE NOTE 2)
 - GRANULARS
 - PAVERS
 - RIVER ROCK
 - RIP-RAP (R10)
- 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 (50MM 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 SP12.5 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.
 - 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

- 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

- 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	SEPT 25 2023	CL	ISSUED FOR TENDER
6	FEB 23 2024	CL	RE-ISSUED FOR TENDER

PROFESSIONAL ENGINEER

C. A. LAMBERT

10012027

2024-02-23

PROVINCE OF ONTARIO

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

Wallace Road

Plan & Profile

Sta. 7+460 to Sta. 7+640

Designer:	C.L.	Checked by:	J.B.
Date:	23/02/2024	Approved by:	C.L.

Scale:

1:250

1:50

Drawing Number:

C04

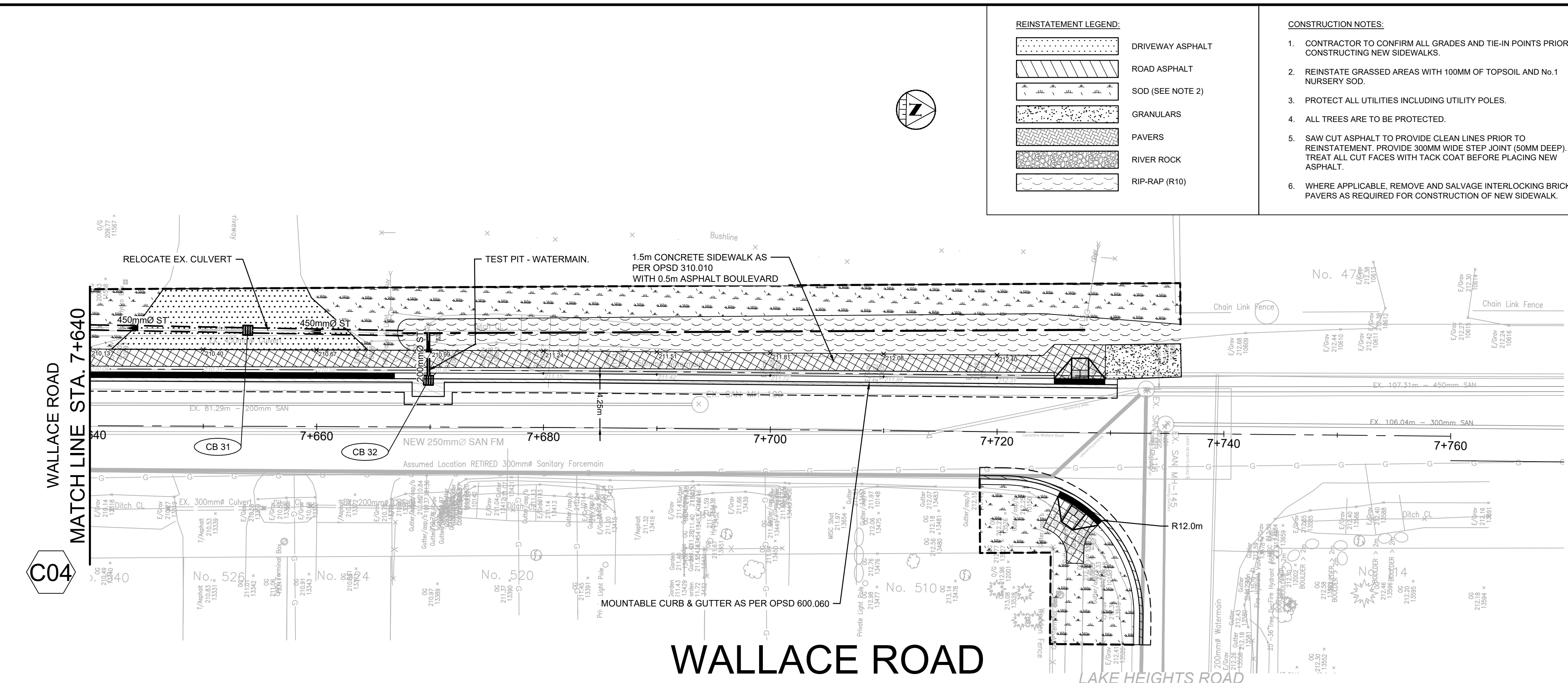
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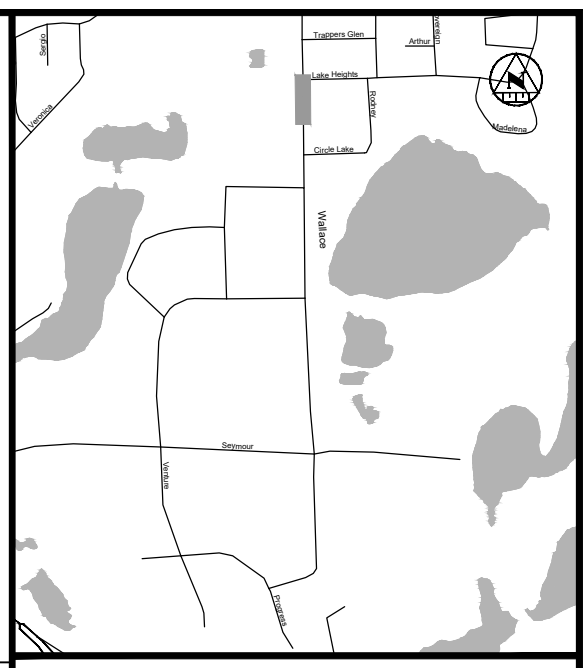
04 of 07



REINSTATEMENT LEGEND:

- DRIVEWAY ASPHALT
- ROAD ASPHALT
- SOD (SEE NOTE 2)
- GRANULARS
- PAVERS
- RIVER ROCK
- RIP-RAP (R10)

- 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 (50MM 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.
7. ASPHALT DRIVEWAY REINSTATEMENT TO BE MINIMUM:
- 200MM THICK GRANULAR 'A'
 - 50MM THICK SP12.5 WITH PGAC - 58-34
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. MATCH CATCHBASIN TOP OF GRATE ELEVATIONS WITH ADJACENT EXISTING EDGE OF ASPHALT WHEN LOCATED ALONG THE SIDE OF ROAD.
11. PAVEMENT MARKINGS FOR CROSSWALK AND STOP BAR PER OTM BOOK 15 AND 11.



KEY PLAN

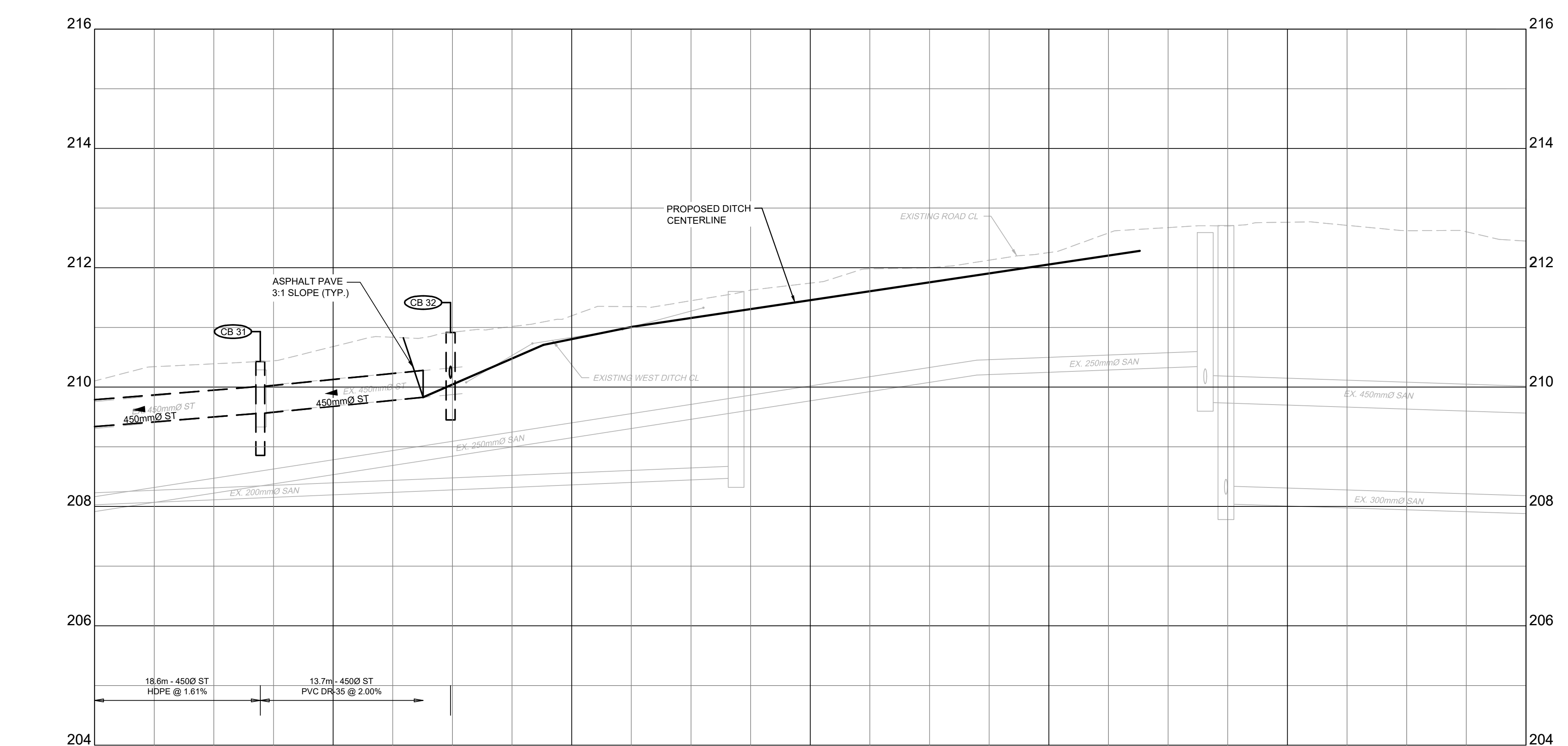
LEGEND

PROPOSED

- 375cm 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
- EXISTING HYDRO
- EXISTING GAS
- EXISTING SANITARY PIPE
- EX. WATERMAIN & VALVE
- LOT/CONCESSION LINES
- EX. MAINTENANCE HOLE
- EDGE OF PAVEMENT
- HYDRO POLE/LIGHT
- EXISTING DITCH



DESIGN PROFILE ELEVATIONS	210.103		210.679		211.195		211.743		212.254		212.763		212.448
STORM SEWER INV. ELEVATION	209.283	209.562	209.556	209.829									
C.L. ROADWAY STATION	7+640.00	7+653.89	7+660.00	7+669.94	7+680.00	7+700.00	7+720.00	7+740.00	7+760.00				

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	SEPT 25 2023	CL	ISSUED FOR TENDER
6	FEB 23 2024	CL	RE-ISSUED FOR TENDER



CITY OF NORTH BAY
ICIP SIDEWALK PROGRAM

NEW CONSTRUCTION

Wallace Road
Plan & Profile
Sta. 7+640 to Sta. 7+760

Designer: C.L.	Checked by: J.B.
Date: 23/02/2024	Approved by: C.L.

Scale:
1:250
1:50

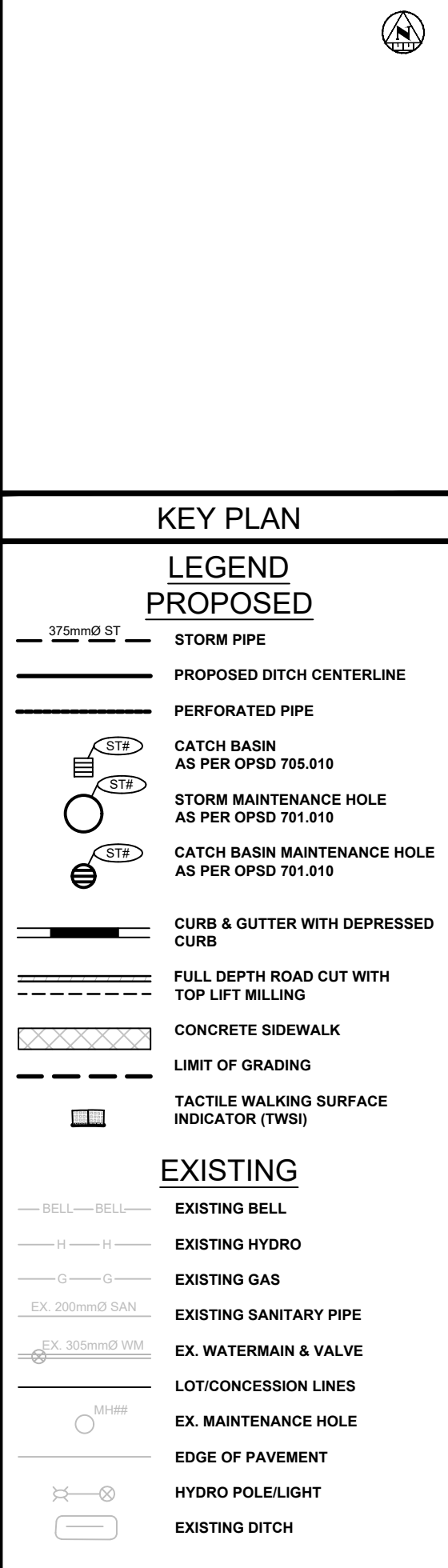
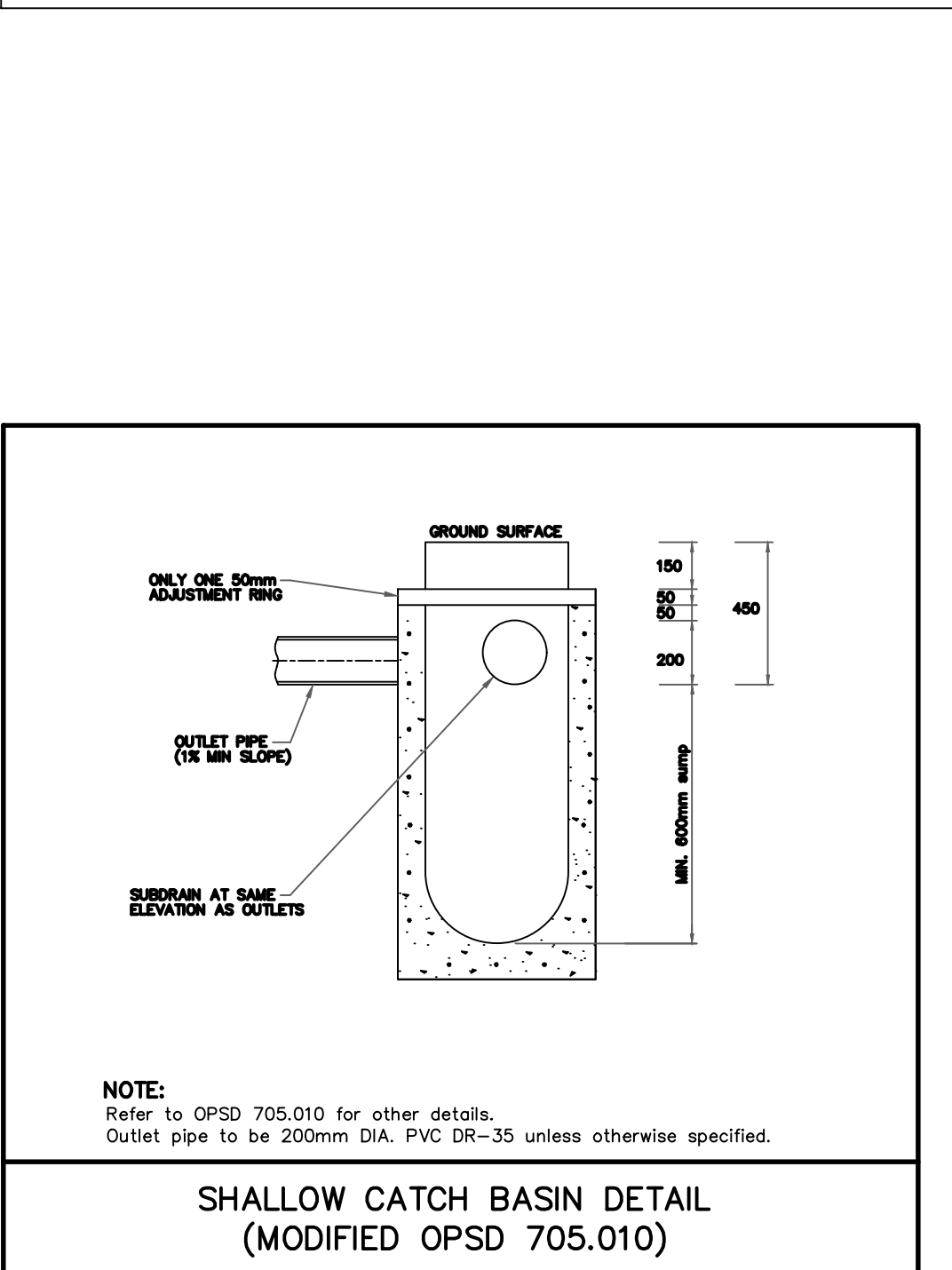
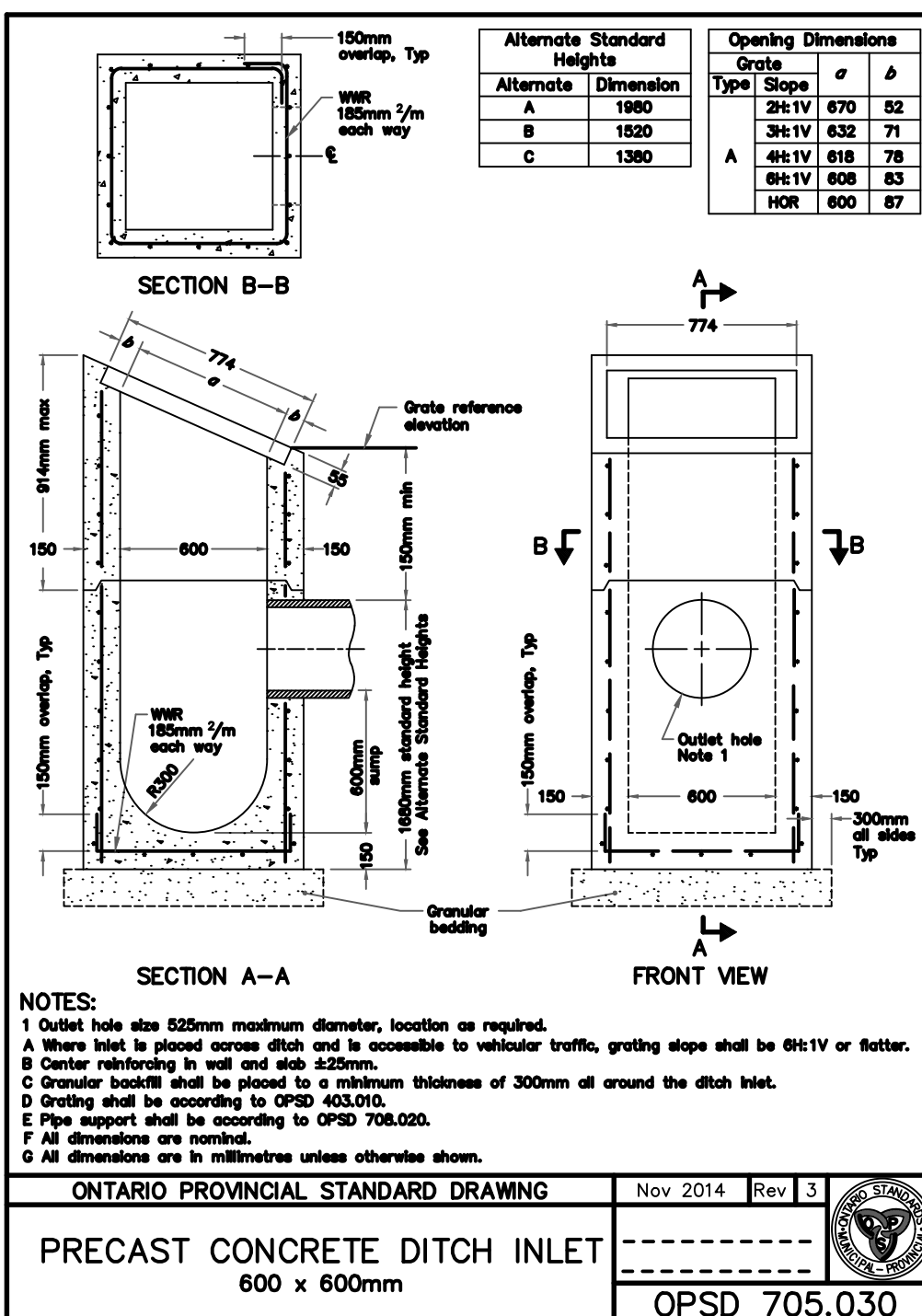
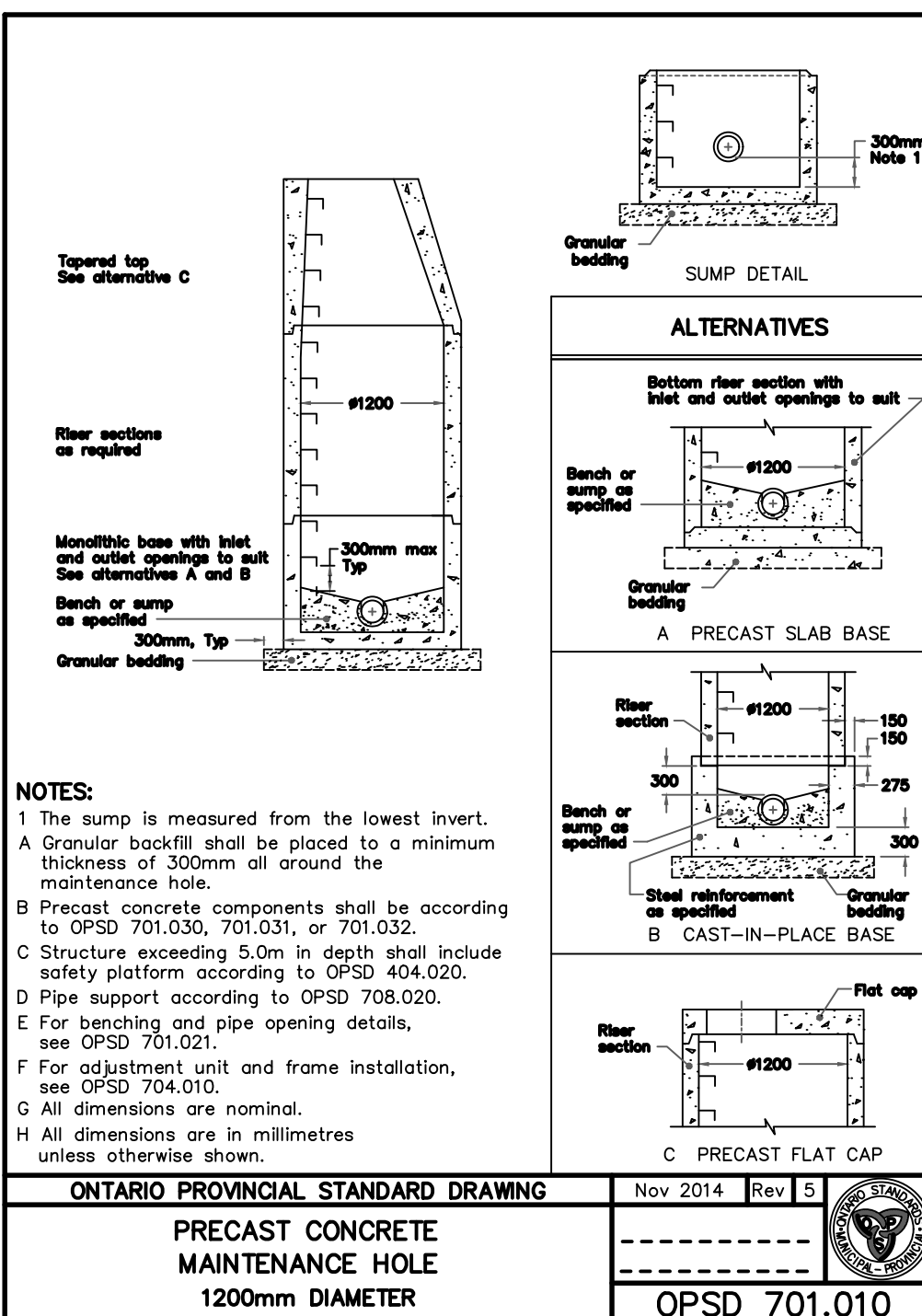
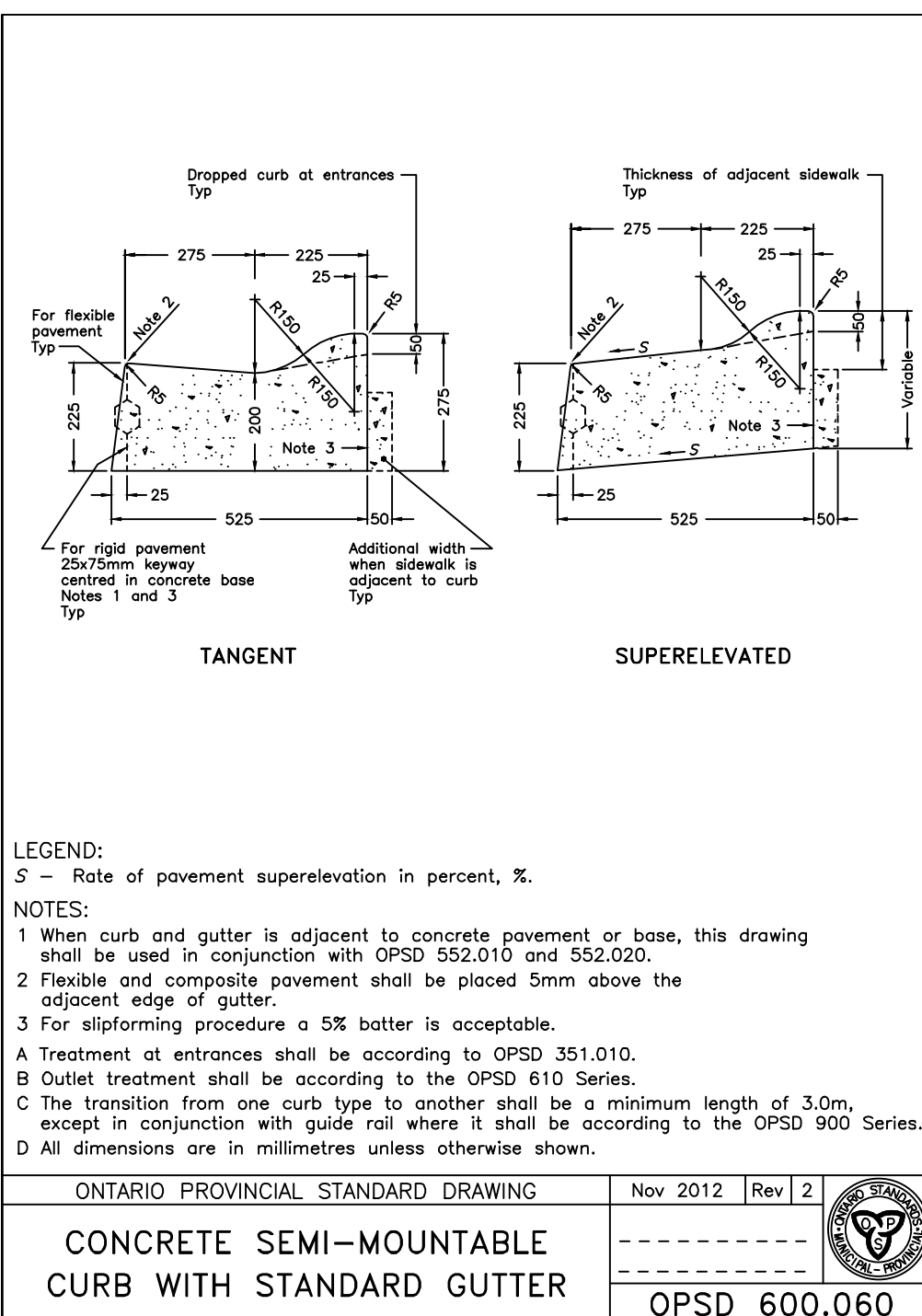
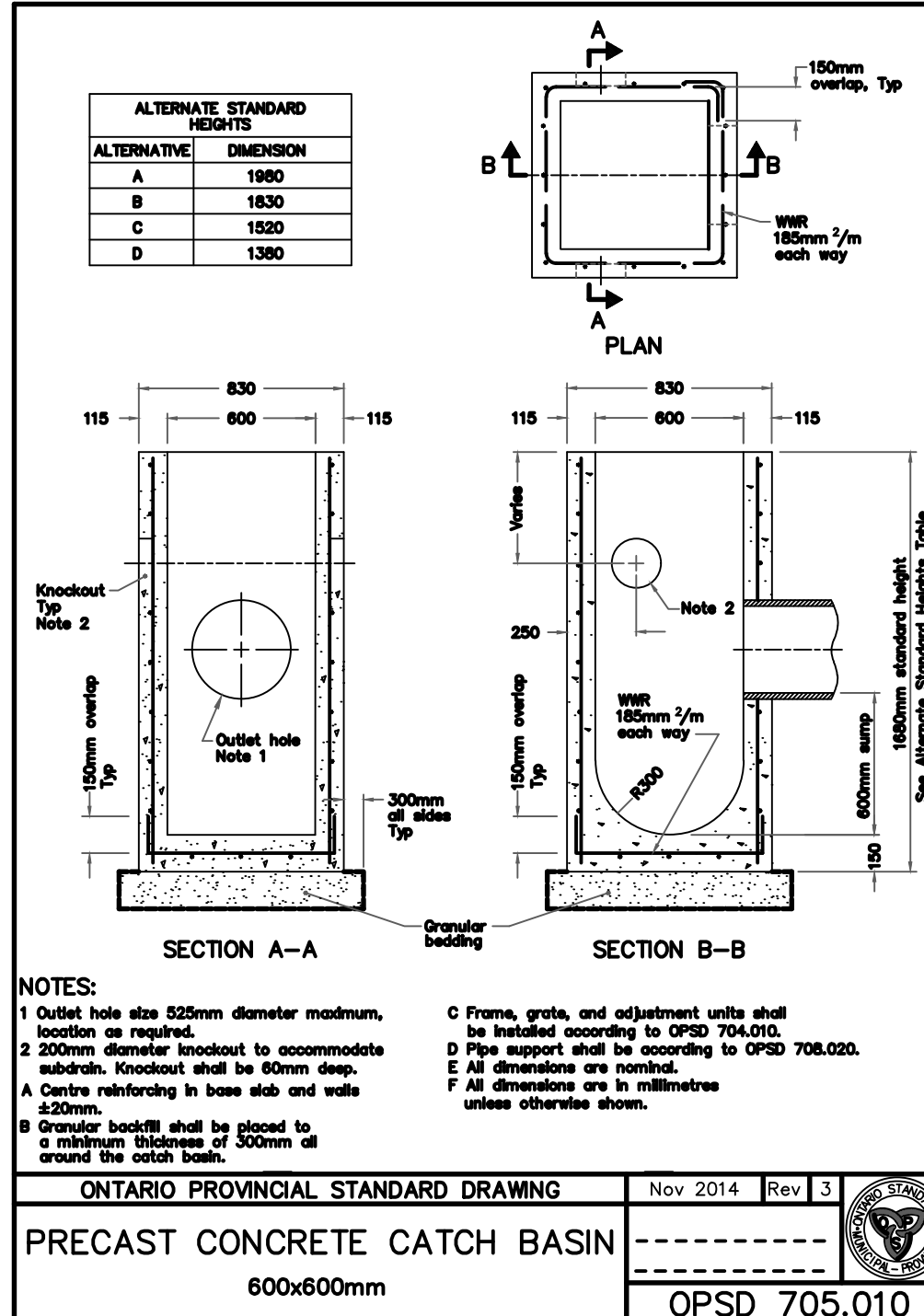
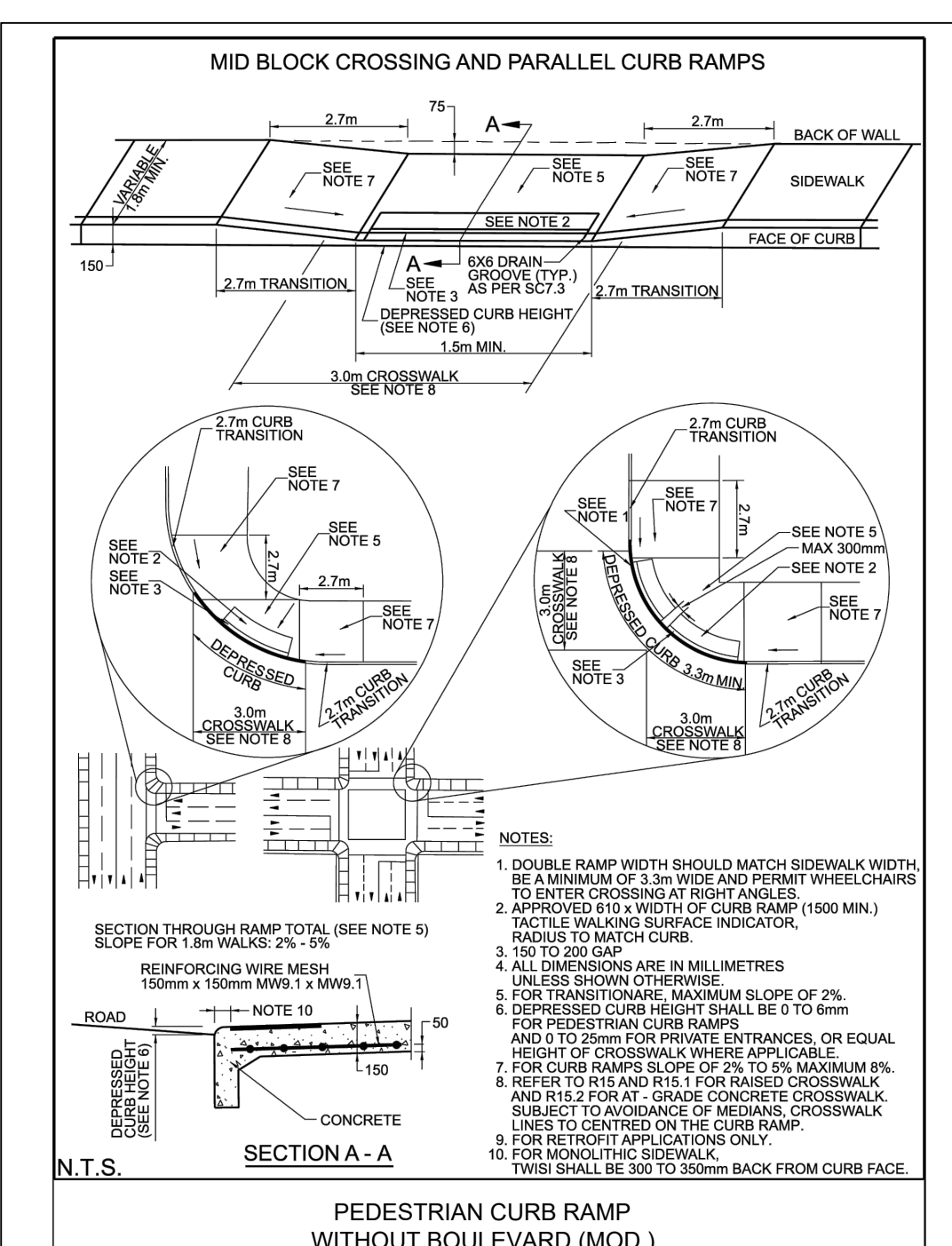
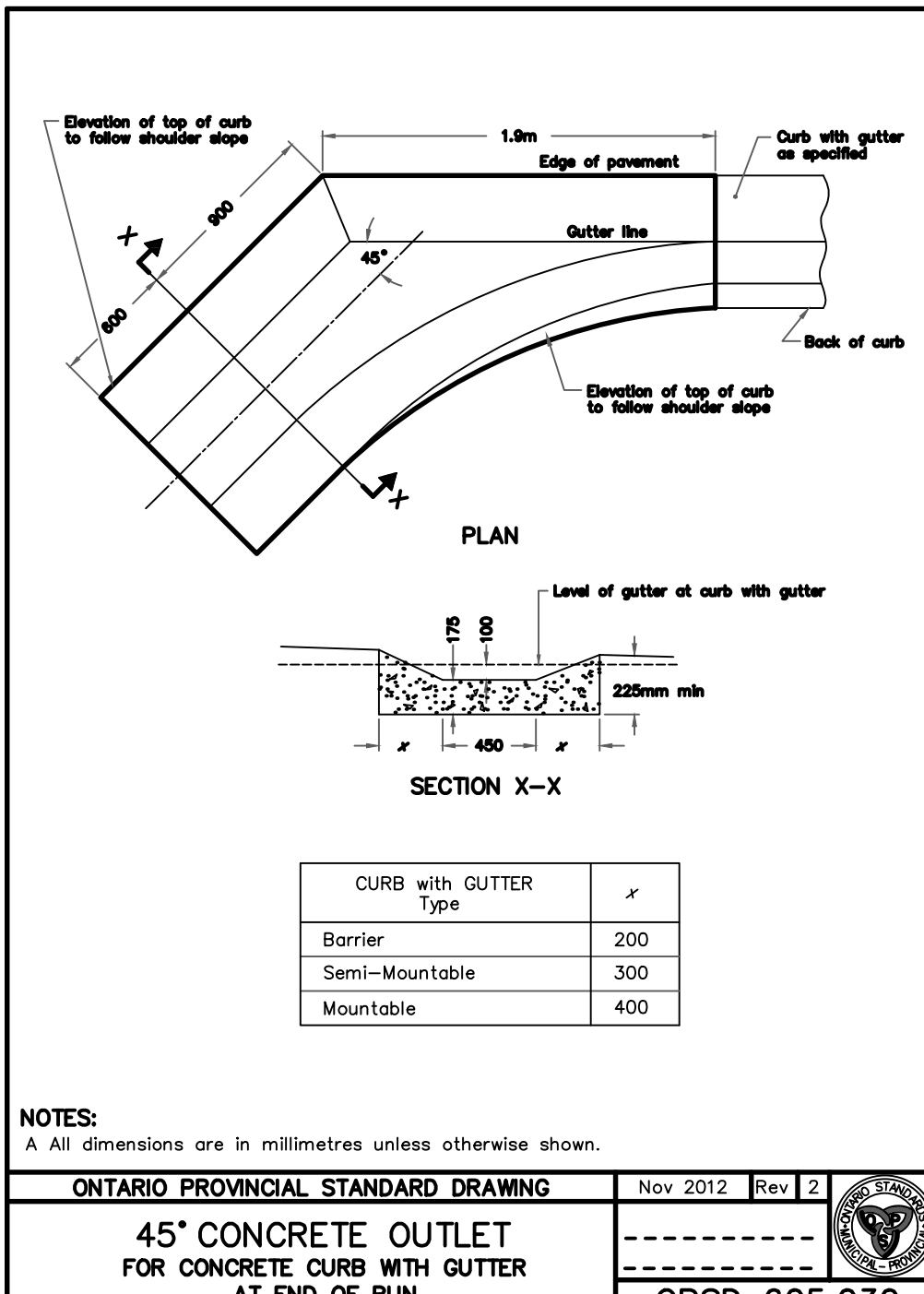
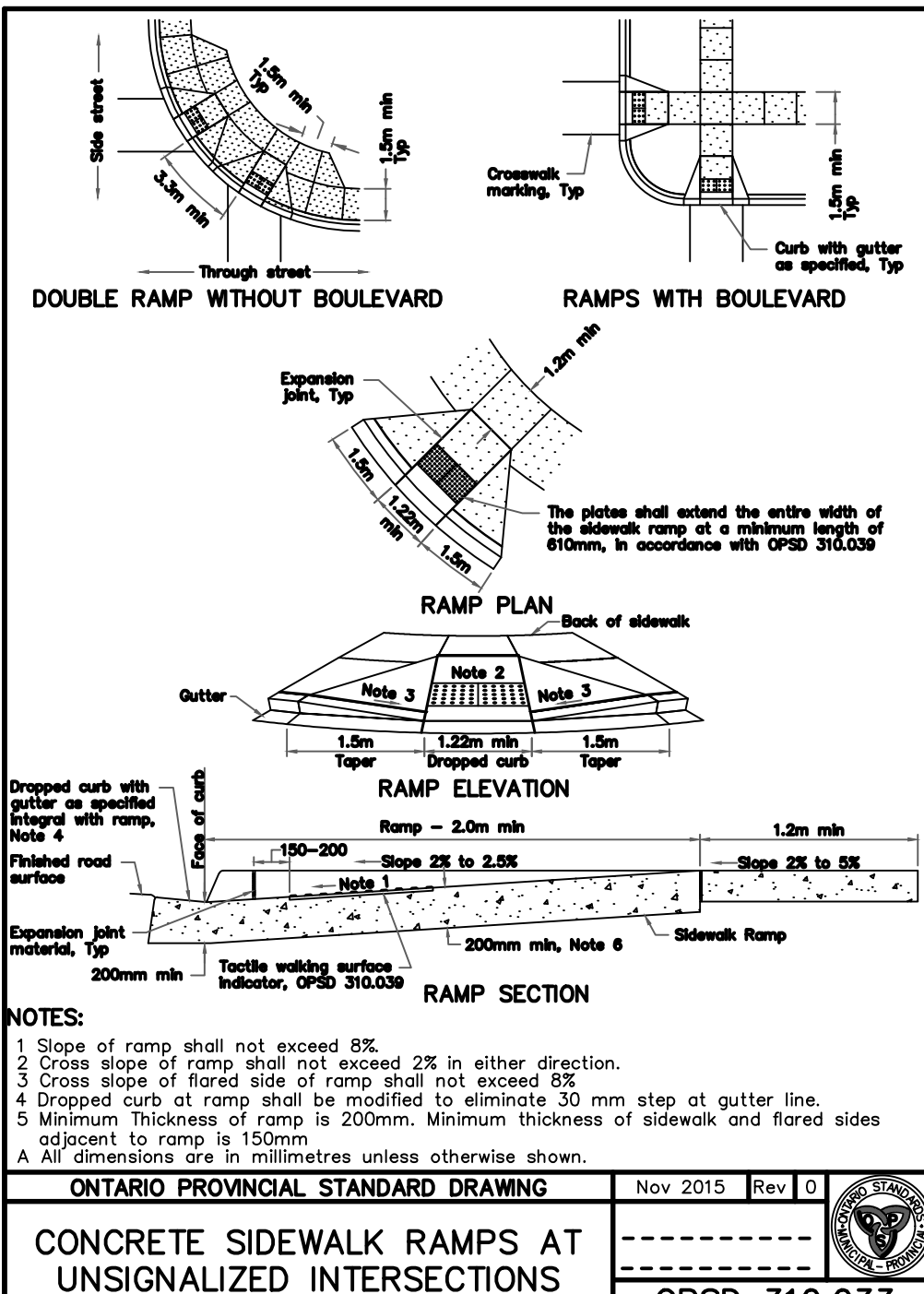
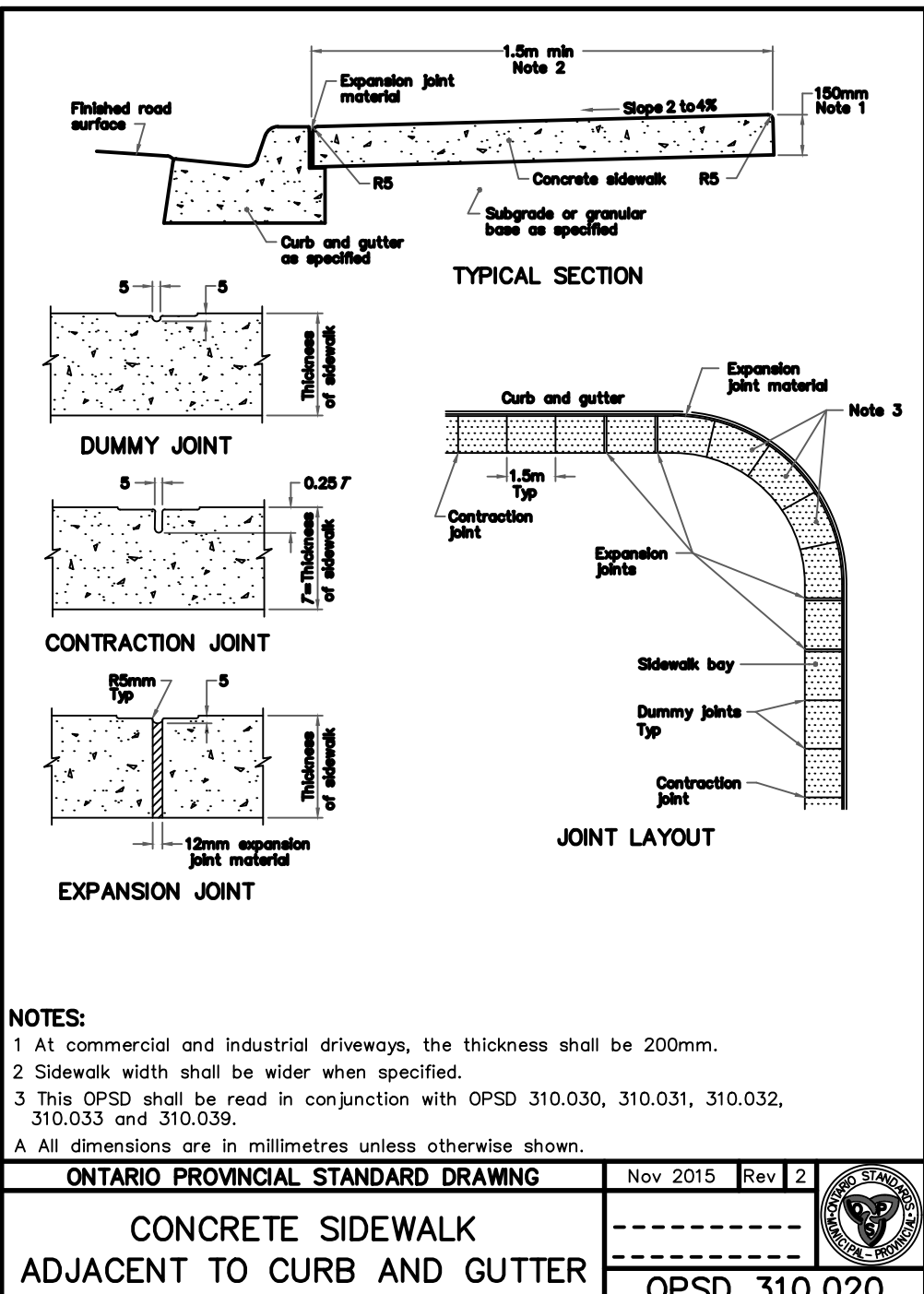
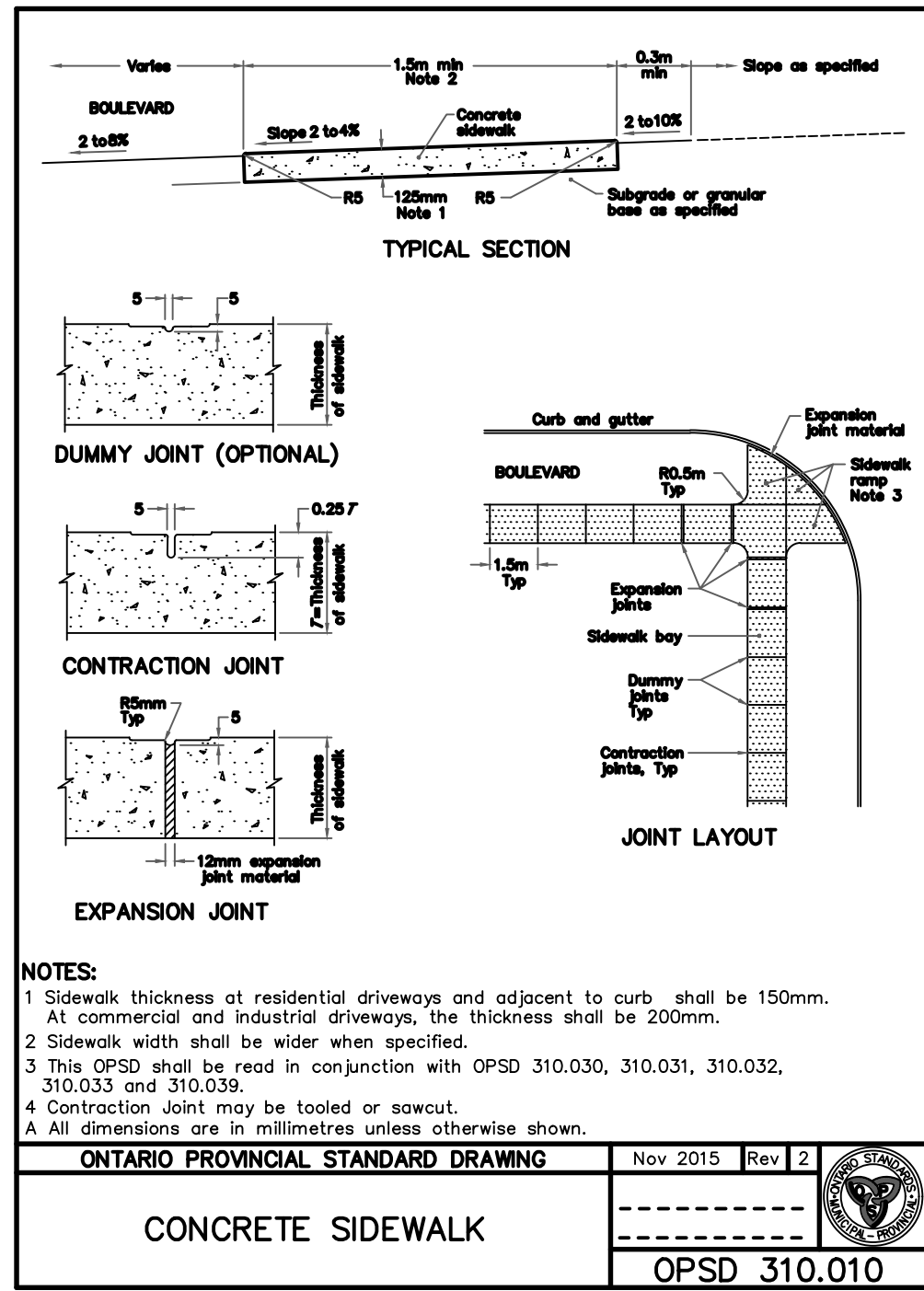
Drawing Number:
C05

Drawing Set:
05 of 07



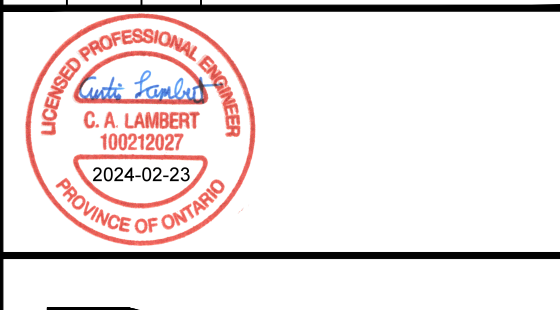
- 200MM THICK GRANULAR 'A'
- 50MM THICK SP12.5
8. GRANULAR DRIVEWAY REINSTATEMENT TO BE MINIMUM 200MM GRANULAR 'A'.
9. THE UTILITIES INFORMATION CONTAINED ON THIS DRAWING MAY BE BASED UPON DATA PROVIDED BY OTHERS AND MAY NOT HAVE BEEN VERIFIED BY EITHER AS-CONSTRUCTED DRAWINGS OR AN ONTARIO LAND SURVEYOR. 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. DITCH SLOPE TYPICAL (REFER TO TYPICAL CROSS SECTIONS).

Drawing Number: C06	Drawing Set: 06 of 07
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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	FEB 25 2023	CL	ISSUED FOR TENDER
6	FEB 23 2024	CL	RE-ISSUED FOR TENDER

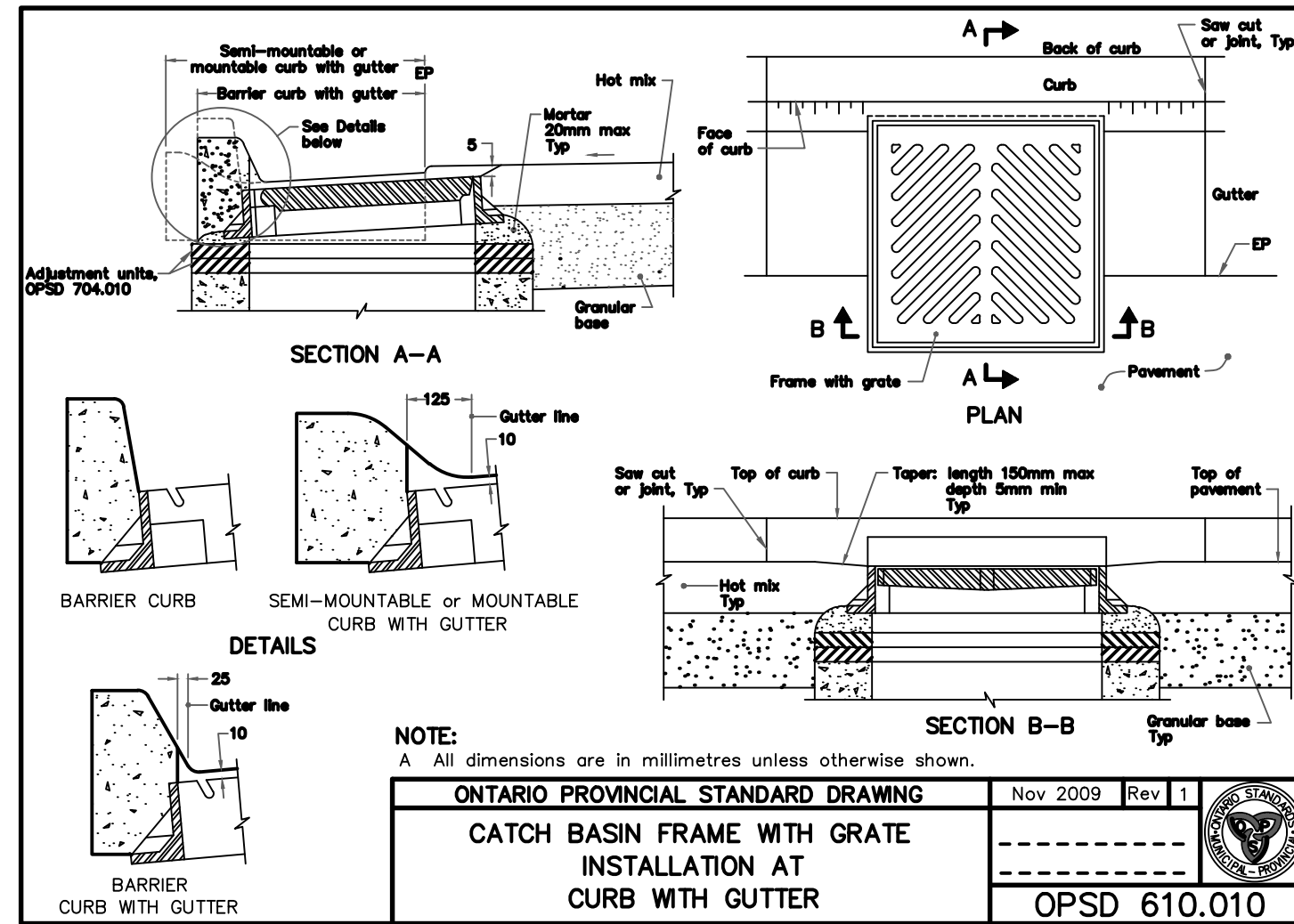
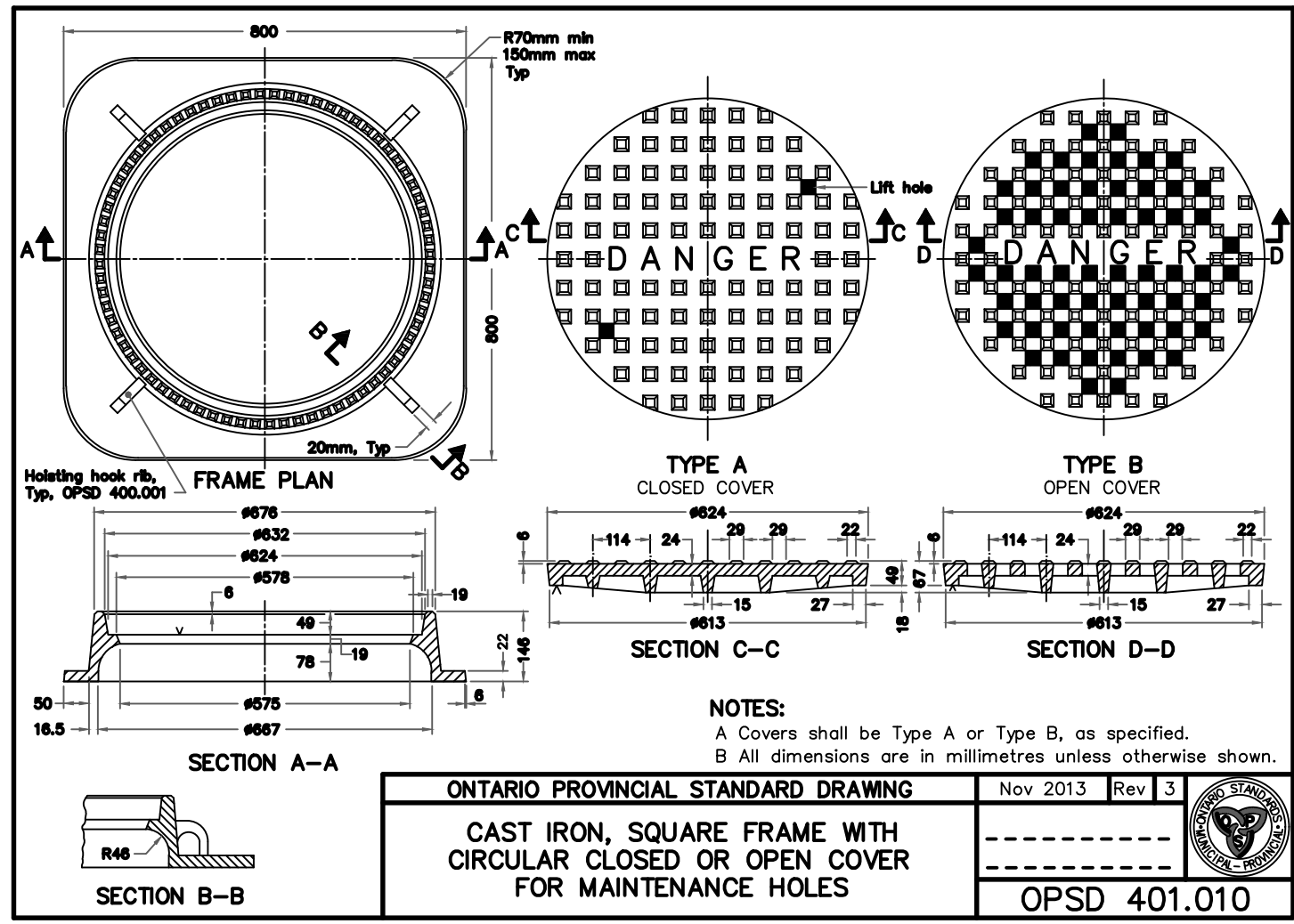


**CITY OF NORTH BAY
ICIP SIDEWALK PROGRAM**

NEW CONSTRUCTION

Wallace Road Details

Designer: C.L.	Checked by: J.B.
Date: 23/02/2024	Approved by: C.L.
Scale: 1:250 1:50	
Drawing Number: C07	Drawing Set: 07 of 07

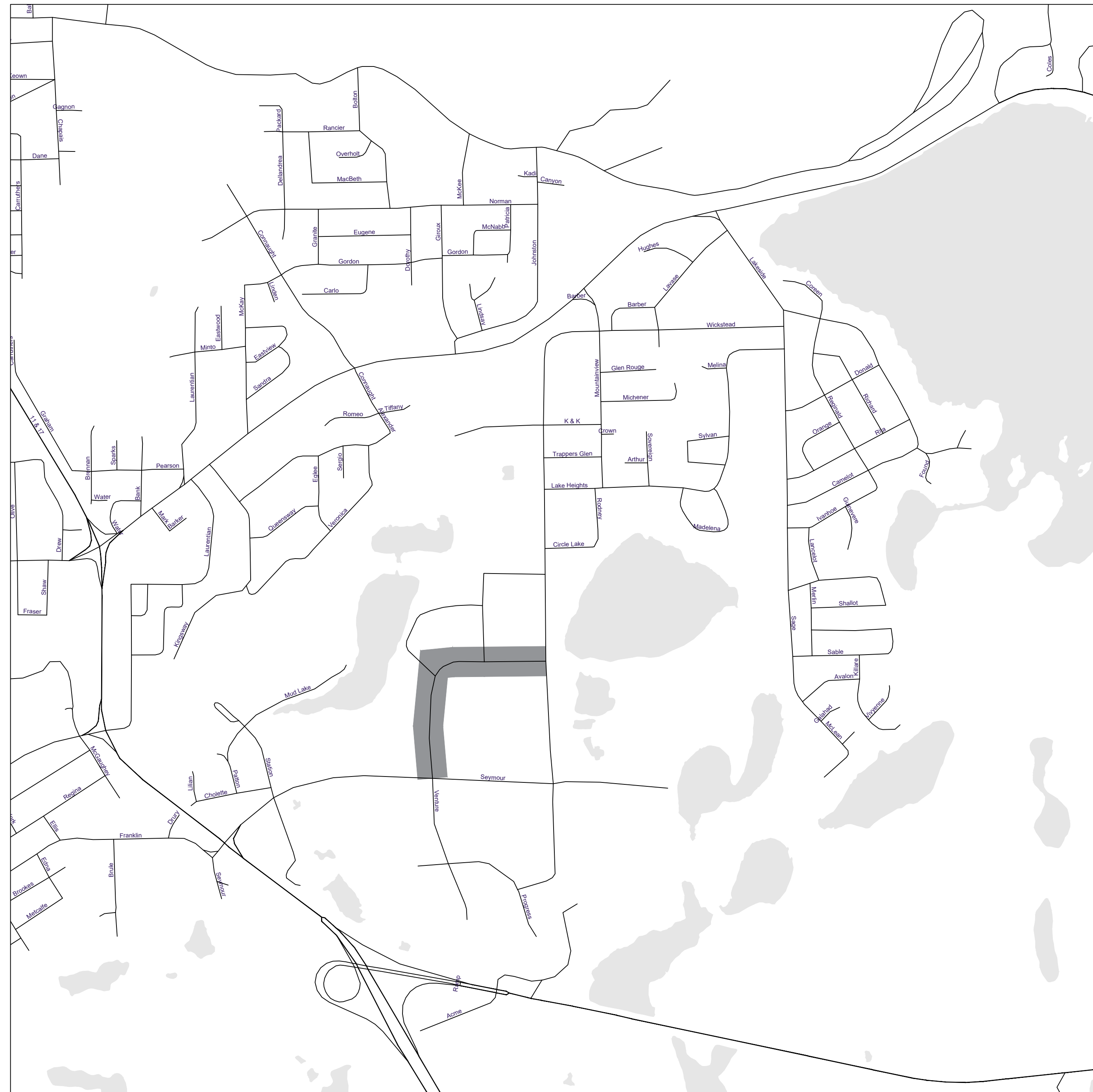


Structure Table							
Structure Name	Structure Type	Cover	Rim Elevation (m)	Connected Pipes (m)	Sump Depth (m)	Northing	Easting
CB 20	Standard	204.73	200mm INV OUT = 204.150	0.60	5130221.5220	621323.6174	
CB 21		204.45	200mm INV OUT = 203.800	0.60	5130227.5401	621335.6679	
CB 22		204.20	200mm INV OUT = 203.410	0.60	5130276.8419	621335.3114	
CB 23	Standard	204.28	200mm INV OUT = 203.780	0.60	5130296.4543	621334.7563	
CB 24	Standard	205.05	200mm INV OUT = 204.400	0.60	5130351.5174	621333.3449	
CB 25	Standard	205.19	200mm INV OUT = 204.580	0.60	5130364.9074	621327.0848	
CB 26	Standard	206.12	200mm INV OUT = 205.650	0.60	5130426.8178	621331.3929	
CB 27	Standard	207.33	200mm INV OUT = 206.749	0.60	5130510.6162	621329.2882	
CB 28	Standard	208.38	200mm INV OUT = 207.910	0.60	5130606.8713	621327.1158	
CB 29	Standard	208.98	200mm INV OUT = 208.580	0.60	5130660.9189	621325.7871	
CB 30	Standard	209.88	200mm INV OUT = 209.400	0.60	5130699.4110	621324.9285	
CB 31	Standard	210.43	450mm INV IN = 209.556 450mm INV OUT = 209.556	0.60	5130720.5574	621320.1387	
CB 32	Standard	210.92	200mm INV IN = 210.150	0.60	5130736.5982	621324.1310	
CB 33	Standard	204.69	200mm INV OUT = 203.800	0.60	5130222.5182	621331.8789	



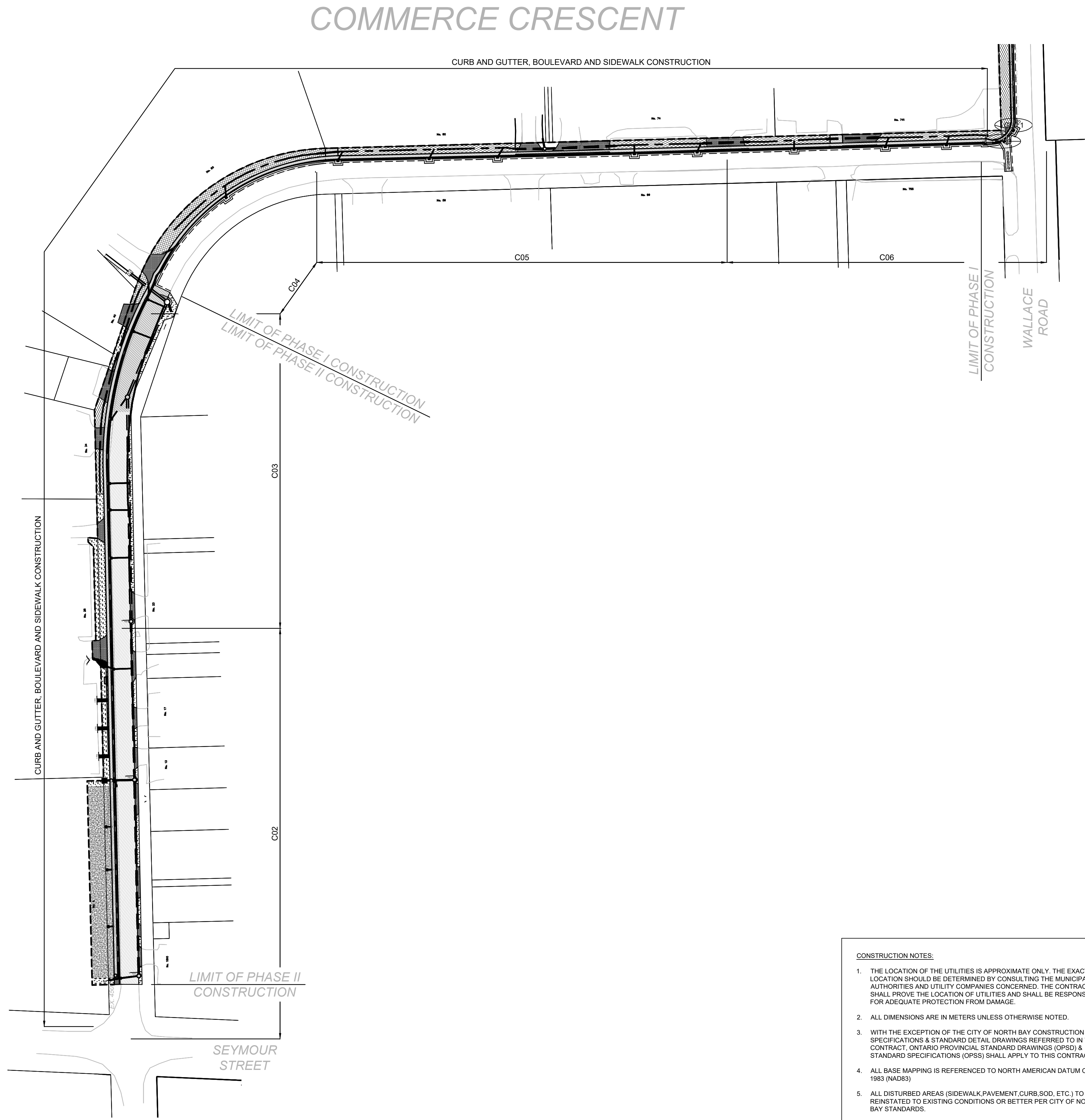

J.L.Richards
ENGINEERS-ARCHITECTS-PLANNERS

**J.L. Richards
& Associates Limited**
1000 - 343 PRESTON STREET
Ottawa, ON Canada
K1S 1N4
Tel: 613 728 3571
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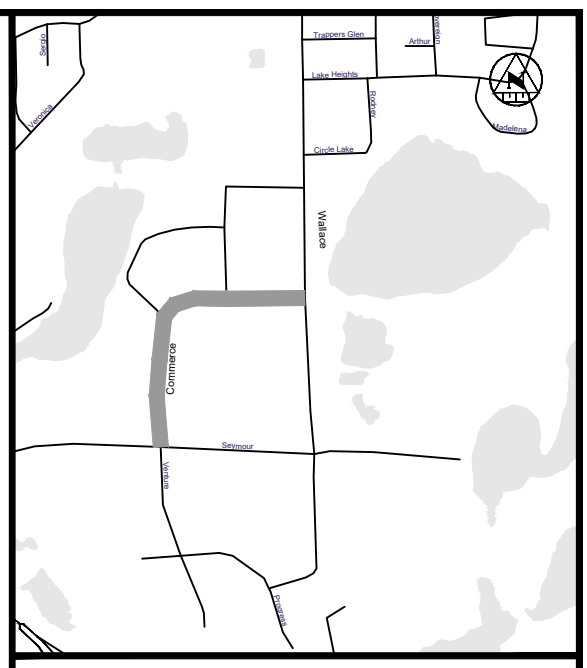


ICIP SIDEWALK PROGRAM COMMERCE CRESCENT	
Sheet Number	Sheet Title
CS	Cover Sheet
C01	General Plan
C02	Plan and Profile
C03	Plan and Profile
C04	Plan and Profile
C05	Plan and Profile
C06	Plan and Profile
C07	Typical Cross Sections
C08	Details

CITY OF NORTH BAY ICIP SIDEWALK PROGRAM COMMERCE CRESCENT SITE

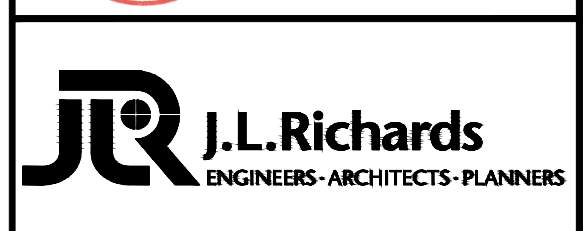


- CONSTRUCTION NOTES:
- THE LOCATION OF THE UTILITIES IS APPROXIMATE ONLY. THE EXACT LOCATION SHOULD BE DETERMINED BY CONSULTING THE MUNICIPAL AUTHORITIES AND UTILITY COMPANIES CONCERNED. THE CONTRACTOR SHALL PROVE THE LOCATION OF UTILITIES AND SHALL BE RESPONSIBLE FOR ADEQUATE PROTECTION FROM DAMAGE.
 - 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.



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

REVISIONS			
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4	DEC 09 2022	CL	ISSUED FOR CLIENT REVIEW
5	SEPT 25 2023	CL	ISSUED FOR TENDER
6	FEB 23 2024	CL	RE-ISSUED FOR TENDER

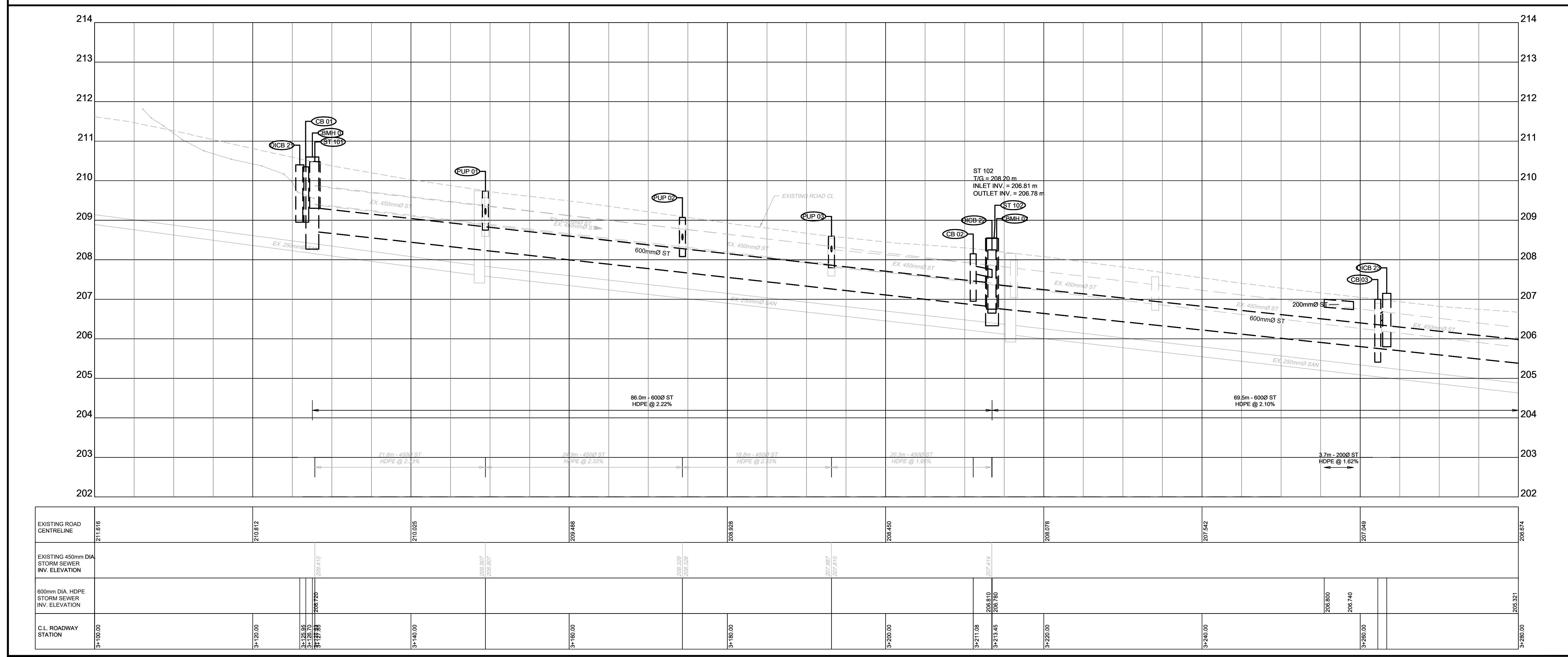
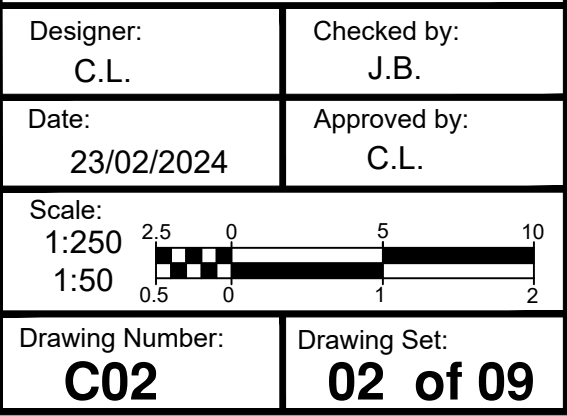
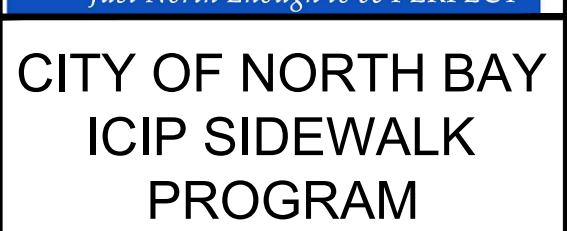
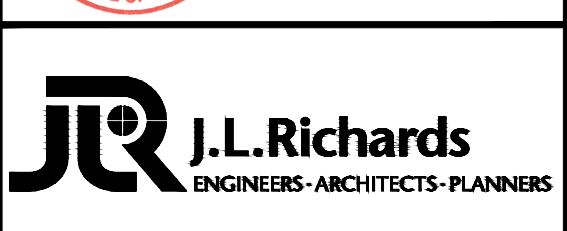
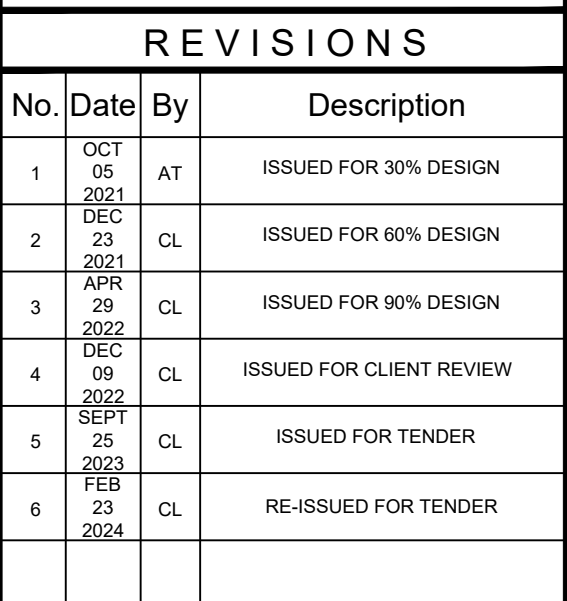
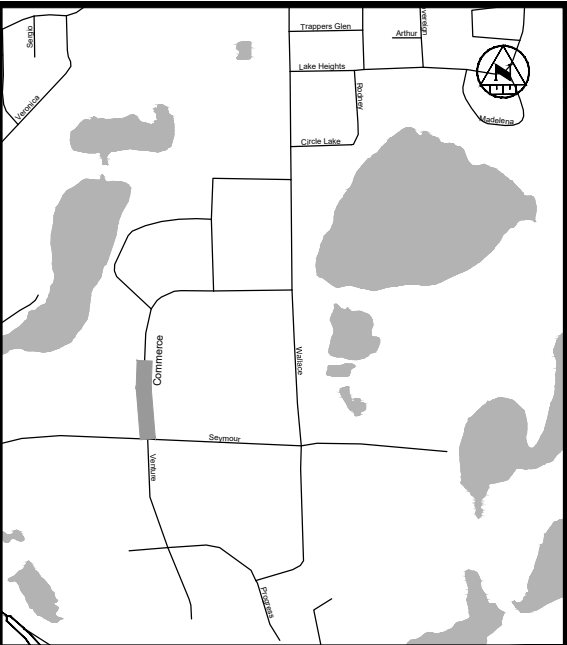


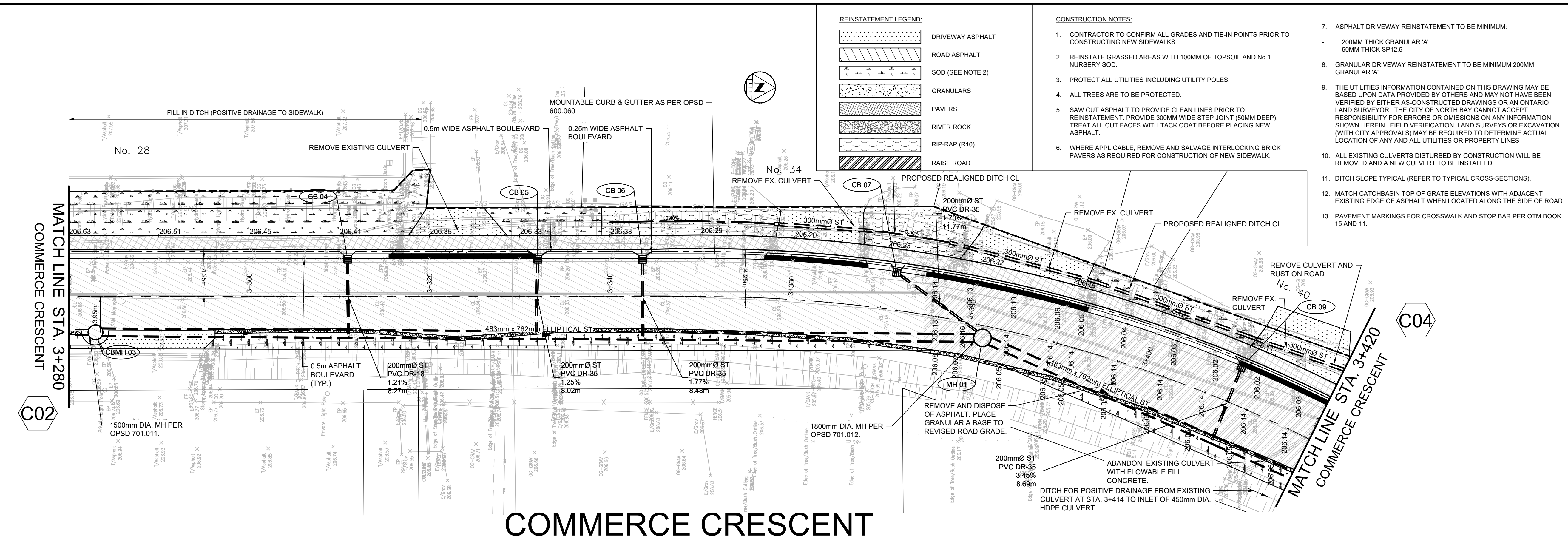
CITY OF NORTH BAY
ICIP SIDEWALK
PROGRAM

NEW CONSTRUCTION

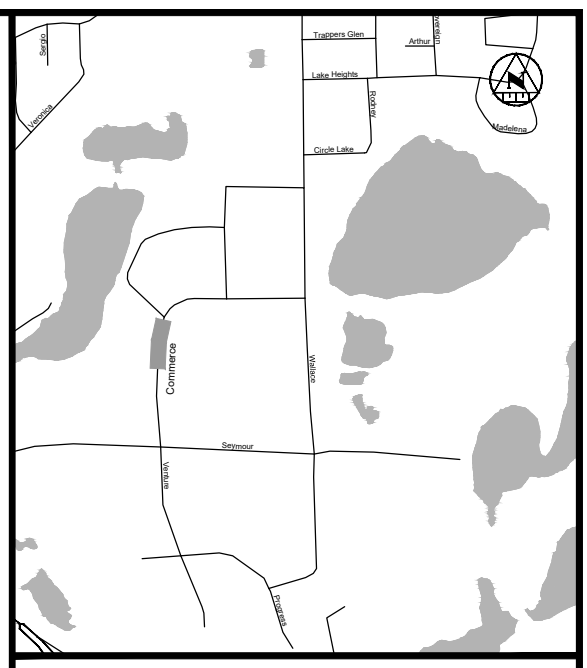
Commerce Crescent
General Plan

Designer: C.L.	Checked by: J.B.
Date: 23/02/2024	Approved by: C.L.
Scale: 1:1000	
Drawing Number: C01	Drawing Set: 01 of 08

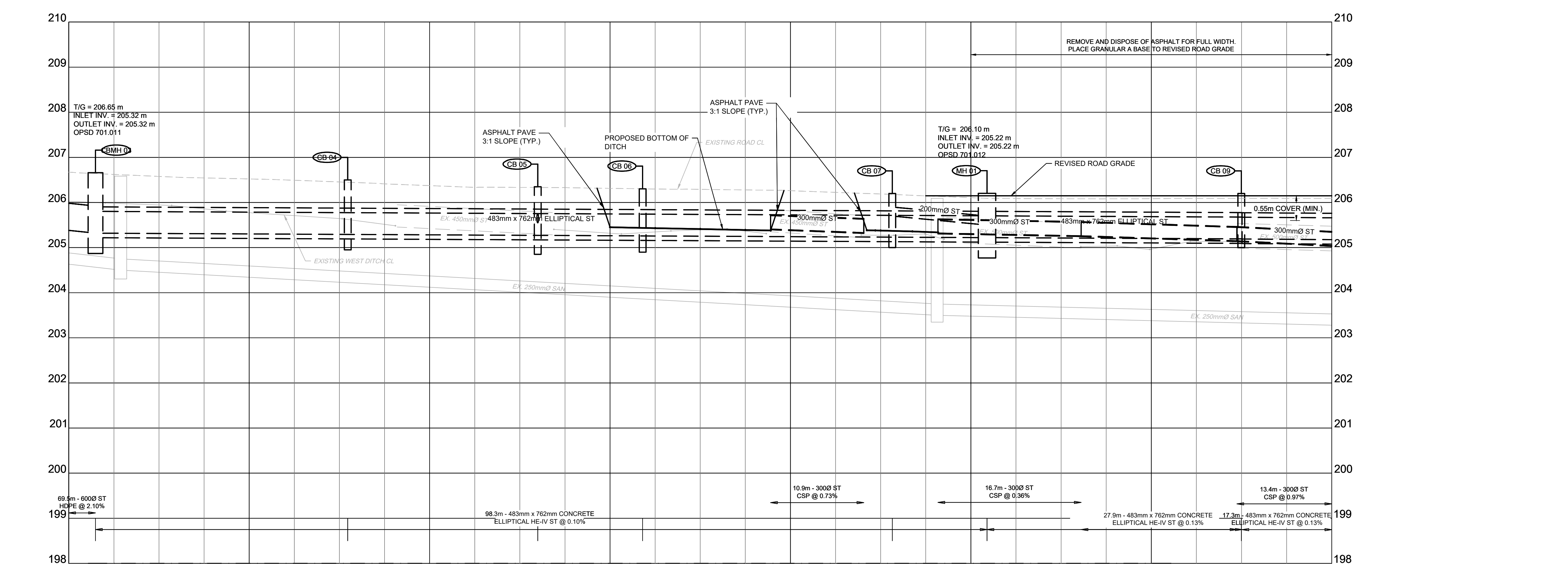




- REINSTATEMENT LEGEND:**
- DRIVEWAY ASPHALT
 - ROAD ASPHALT
 - SOD (SEE NOTE 2)
 - GRANULARS
 - PAVERS
 - RIVER ROCK
 - RIP-RAP (R10)
 - RAISE ROAD
- CONSTRUCTION NOTES:**
- CONTRACTOR TO CONFIRM ALL GRADES AND TIE-IN POINTS PRIOR TO CONSTRUCTING NEW SIDEWALKS.
 - REINSTATE GRASSED AREAS WITH 100MM 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 (50MM 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.
7. ASPHALT DRIVEWAY REINSTATEMENT TO BE MINIMUM:
- 200MM THICK GRANULAR 'A'
- 50MM THICK SP12.5
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. ALL EXISTING CULVERTS DISTURBED BY CONSTRUCTION WILL BE REMOVED AND A NEW CULVERT TO BE INSTALLED.
11. DITCH SLOPE TYPICAL (REFER TO TYPICAL CROSS-SECTIONS).
12. MATCH CATCHBASIN TOP OF GRATE ELEVATIONS WITH ADJACENT EXISTING EDGE OF ASPHALT WHEN LOCATED ALONG THE SIDE OF ROAD.
13. 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**
- 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 CENTRELINE	205.674	205.522	205.374	205.314	205.252	205.197	205.082	205.058	
STORM SEWER INV. ELEVATION	205.320 205.320				205.410 205.330 205.700	205.320 205.500 205.221 205.221	205.280 205.280	205.280 205.180 205.190	205.000 205.020
C.L. ROADWAY STATION	3+280.00	3+300.00	3+320.00	3+340.00	3+360.00	3+380.00	3+400.00	3+420.00	

REVISIONS

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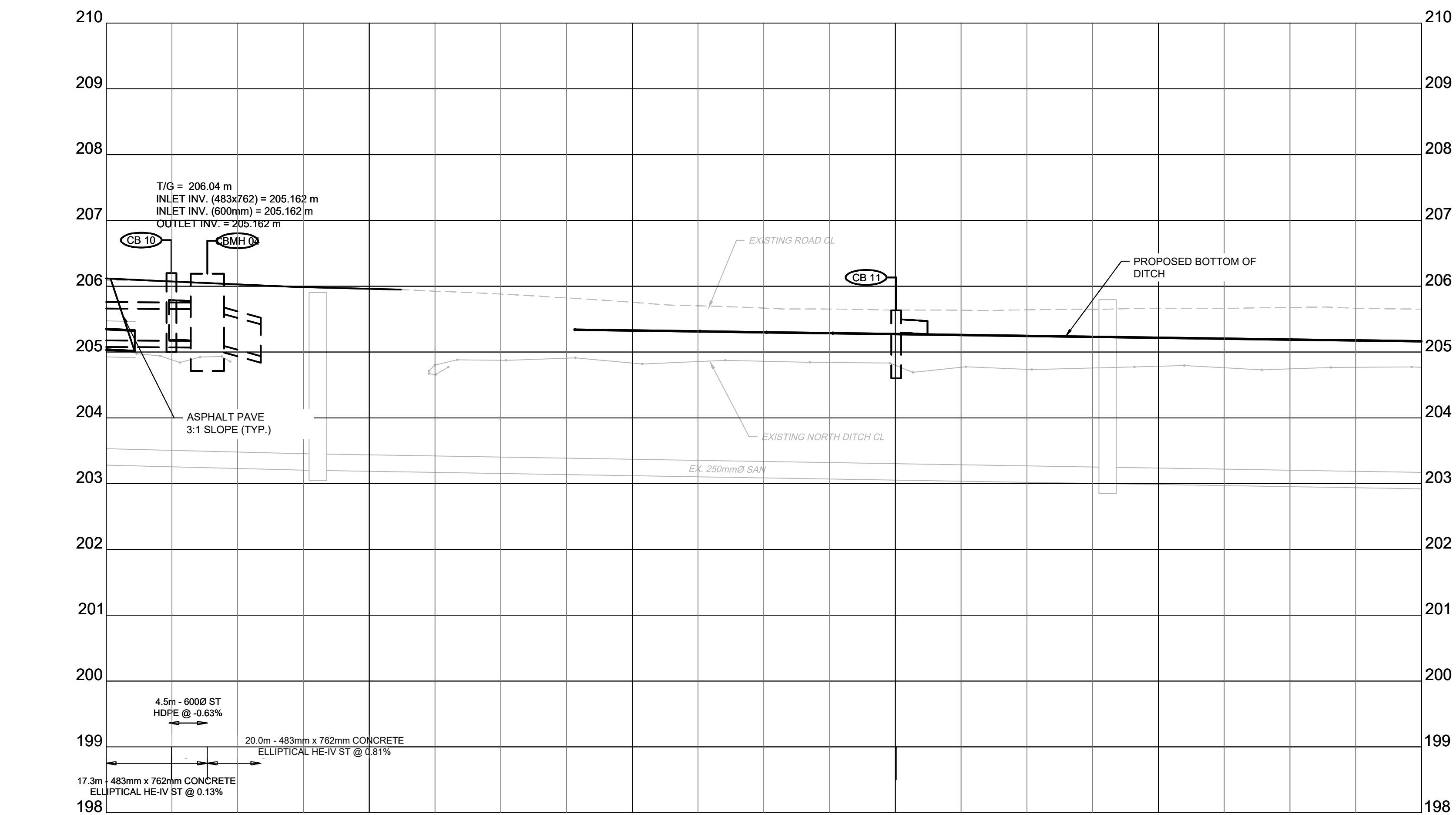
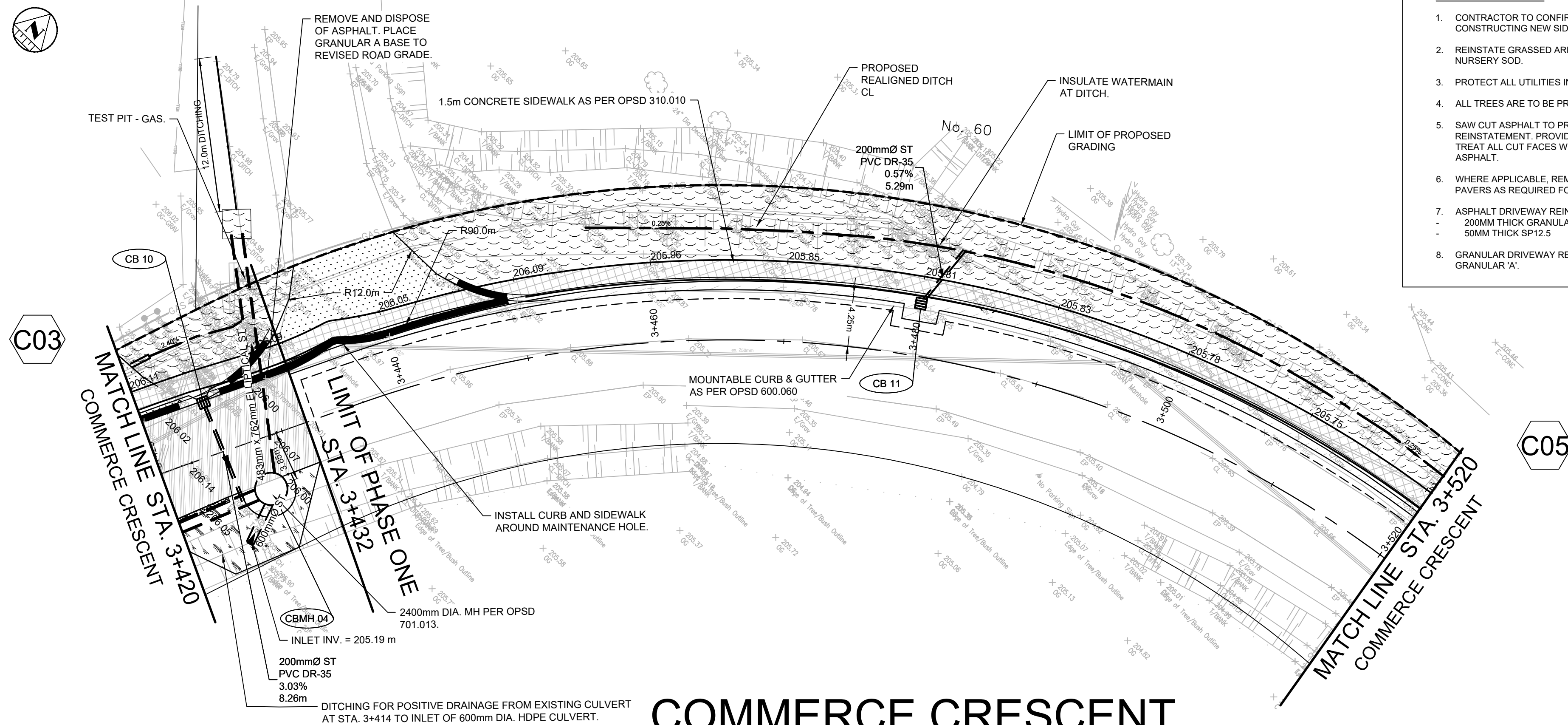


CITY OF NORTH BAY
ICIP SIDEWALK PROGRAM

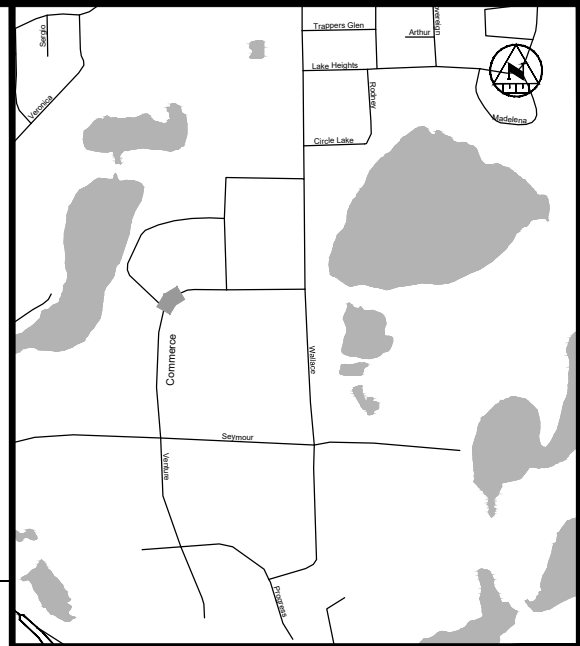
NEW CONSTRUCTION

Commerce Crescent
Plan & Profile
Sta. 3+280 to Sta. 3+420

Designer: C.L.	Checked by: J.B.
Date: 23/02/2024	Approved by: C.L.
Scale: 1:250 1:50	Drawing Number: C03
	Drawing Set: 3 of 08



EXISTING ROAD CENTRELINE	207.638	207.634	207.757	207.638	207.654	207.652
STORM SEWER INV. ELEVATION	205.162 205.162	204.938				
C.L. ROADWAY STATION	3+420.00	3+440.00	3+460.00	3+480.00	3+500.00	3+520.00



KEY PLAN

LEGEND

PROPOSED

- 375cmØ 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

- 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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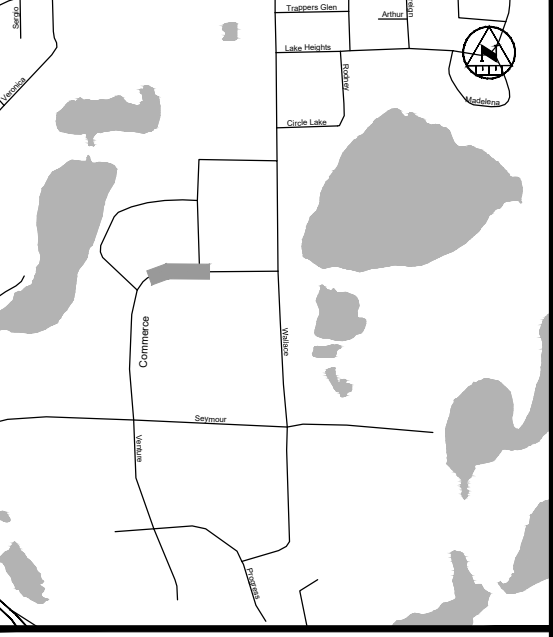


CITY OF NORTH BAY
ICIP SIDEWALK PROGRAM

NEW CONSTRUCTION

Commerce Crescent
Plan & Profile
Sta. 3+420 to Sta. 3+520











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Date: 23/02/2024	Approved by: C.L.
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	Drawing Set: 4 of 08













KEY PLAN

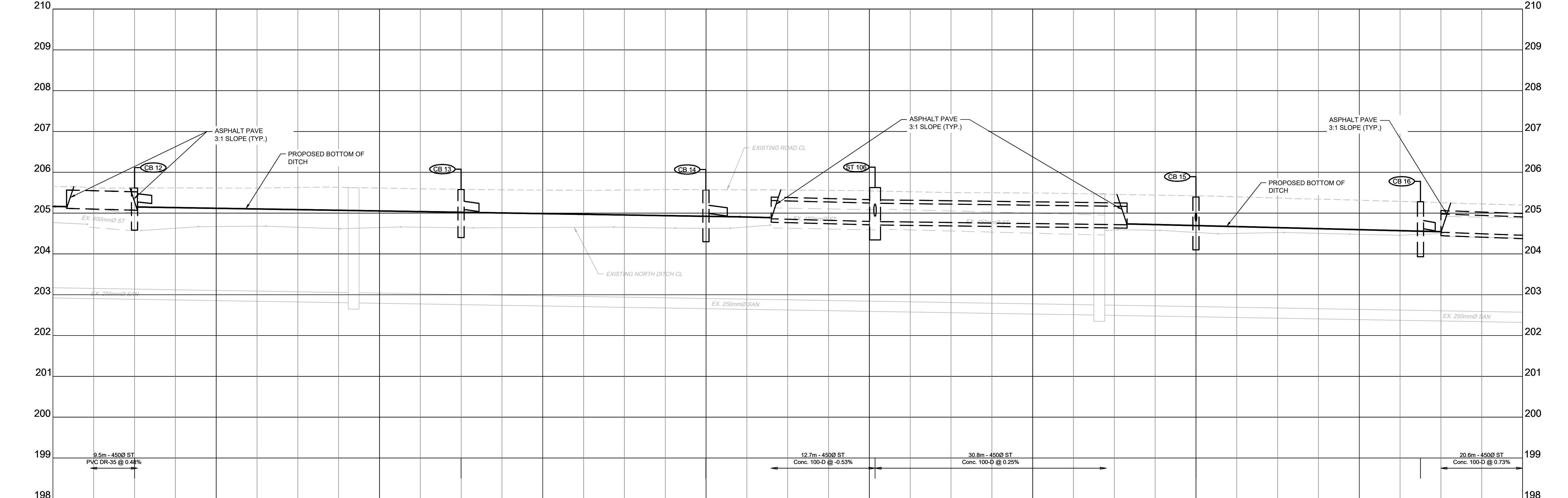
LEGEND

PROPOSED

	STORM PIPE
	PROPOSED DITCH CENTERLINE
	PERFORATED PIPE
	CATCH BASIN AS PER PS&D 705.010
	CATCH BASIN MAINTENANCE HOLE AS PER PS&D 701.010
	CURB & GUTTER WITH DEPRESSED CURB
	FULL DEPTH ROAD CUT WITH TOP LIFTING 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

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6	FEB 23 2024	CL	RE-ISSUED FOR TENDER

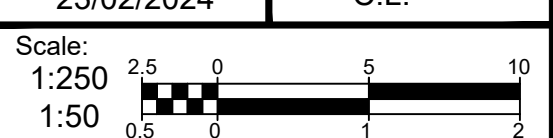


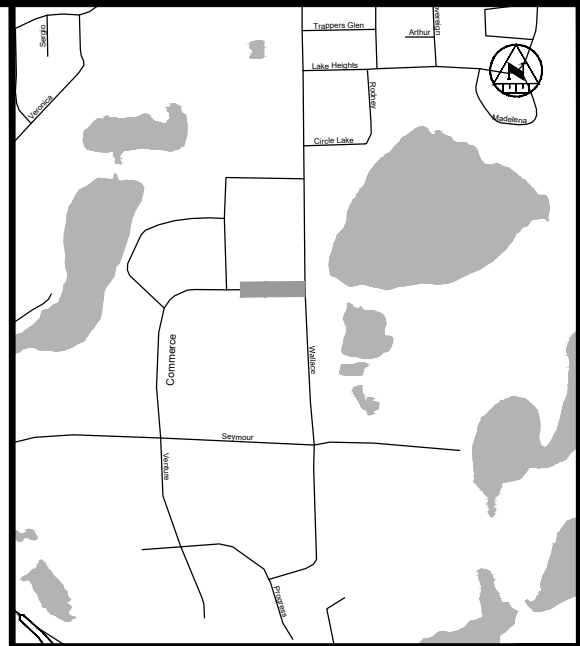
CITY OF NORTH BAY ICIP SIDEWALK PROGRAM

NEW CONSTRUCTION

Commerce Crescent Plan & Profile

Designer: C.L.	Checked by: J.B.
Date: 23/02/2024	Approved by: C.L.





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
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- 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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6	FEB 23 2024	CL	RE-ISSUED FOR TENDER



CITY OF NORTH BAY
ICIP SIDEWALK
PROGRAM

NEW CONSTRUCTION

Commerce Crescent
Plan & Profile

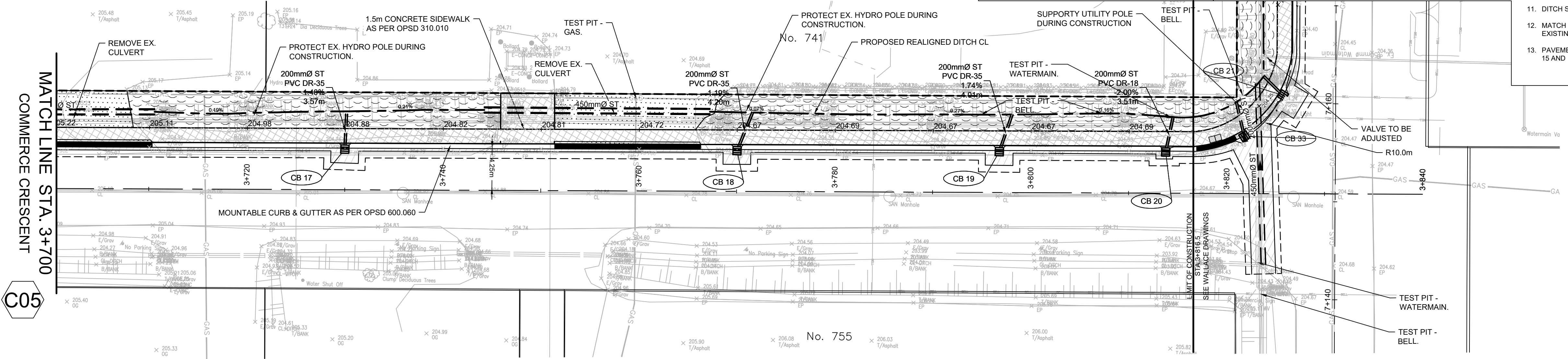
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Drawing Number: C06	Drawing Set: 06 of 08

REINSTATEMENT LEGEND:

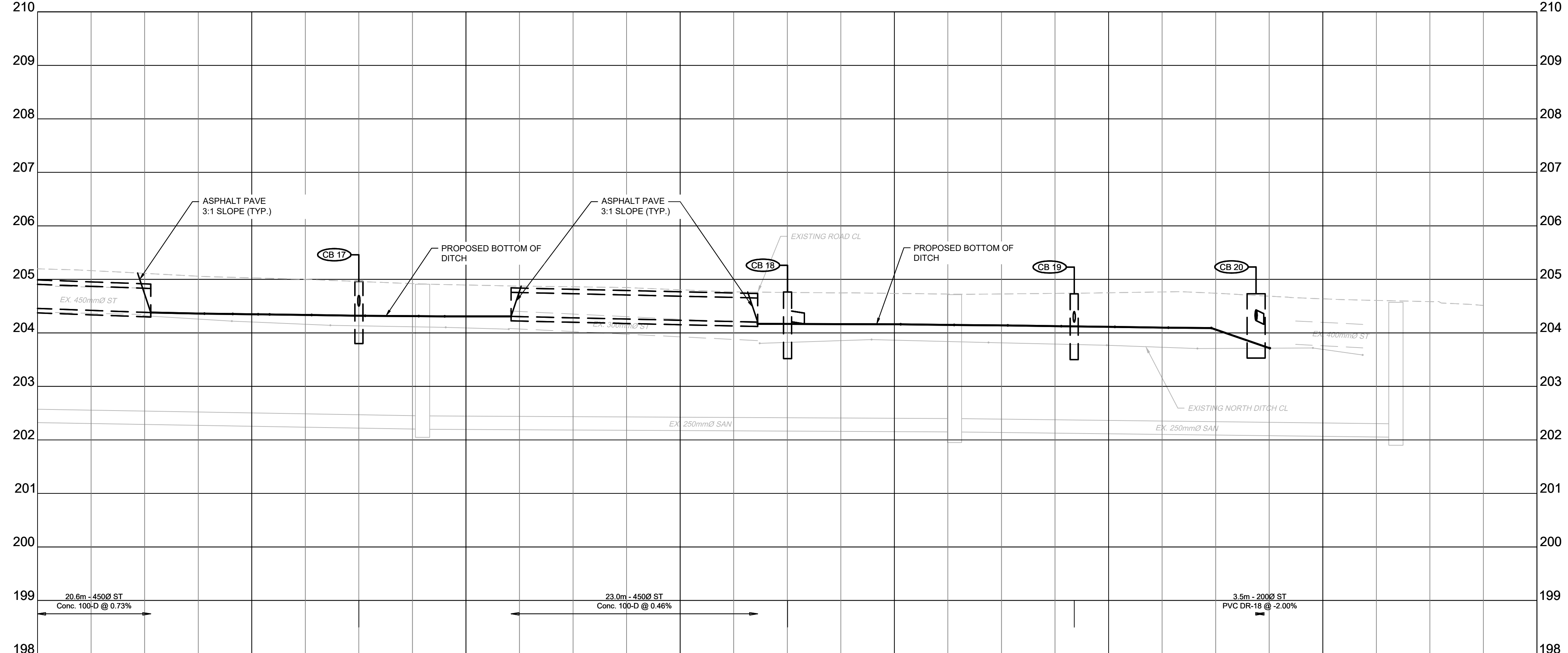
- DRIVEWAY ASPHALT
- ROAD ASPHALT
- SOD (SEE NOTE 2)
- GRANULARS
- PAVERS
- RIVER ROCK
- RIP-RAP (R10)

CONSTRUCTION NOTES:

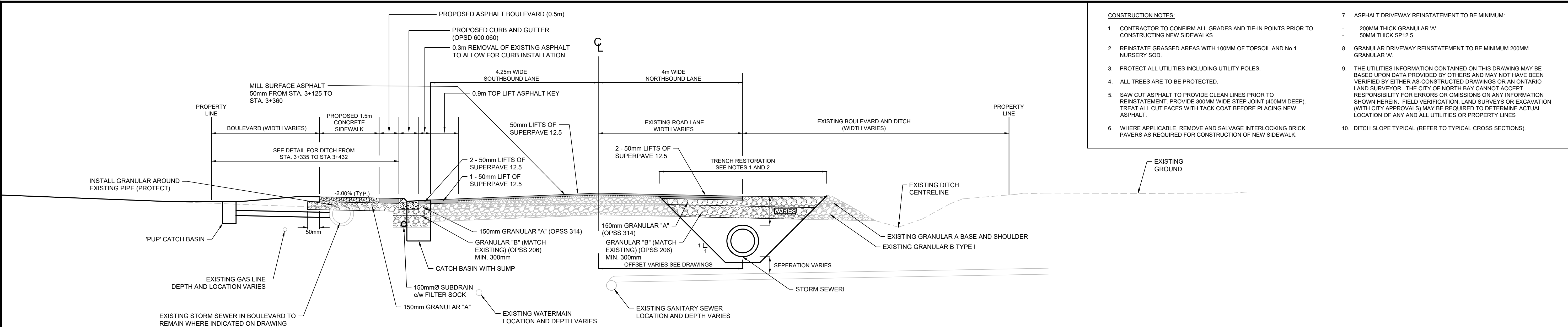
- CONTRACTOR TO CONFIRM ALL GRADES AND TIE-IN POINTS PRIOR TO CONSTRUCTING NEW SIDEWALKS.
- REINSTATE GRASSED AREAS WITH 100MM OF TOPSOIL AND No.1 NURSERY SOD.
- PROTECT ALL UTILITIES INCLUDING UTILITY POLES.
- ALL TREES ARE TO BE PROTECTED.
- SAW CUT ASPHALT TO PROVIDE CLEAN LINES PRIOR TO REINSTATEMENT. PROVIDE 300MM WIDE STEP JOINT (50MM 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 SP12.5
- 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.
- ALL EXISTING CULVERTS DISTURBED BY CONSTRUCTION WILL BE REMOVED AND A NEW CULVERT TO BE INSTALLED.
- DITCH SLOPE TYPICAL (REFER TO TYPICAL CROSS-SECTIONS).
- 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.



COMMERCE CRESCENT



EXISTING ROAD CENTRELINE	205.190	205.029	204.895	204.605	204.738	204.750	204.837
STORM SEWER INV. ELEVATION	204.550	204.380	204.308	204.203	204.288		
C.L. ROADWAY STATION	3+700.00	3+720.00	3+740.00	3+760.00	3+780.00	3+800.00	3+840.00

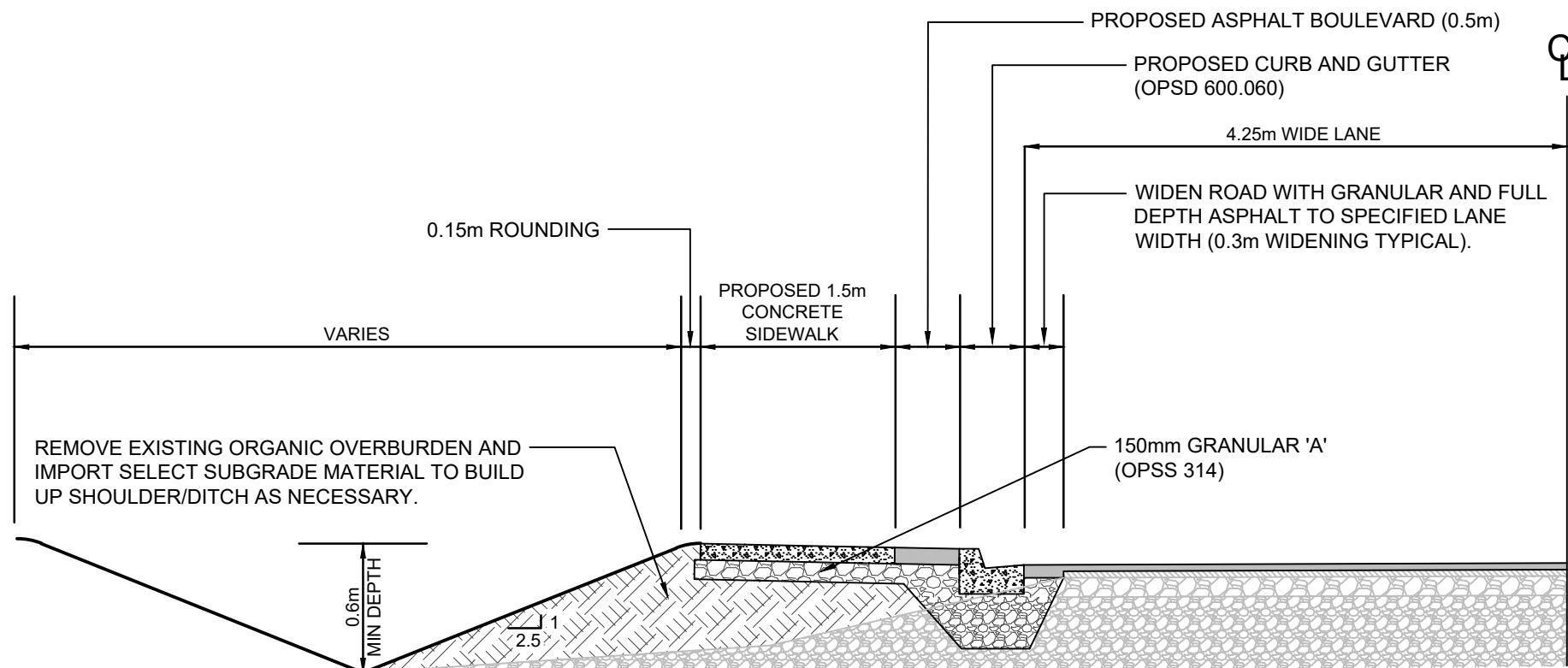


COMMERCE CRESCENT
PHASE II TYPICAL CROSS SECTION

STA. 3+125 TO STA. 3+432 SCALE: 1:50

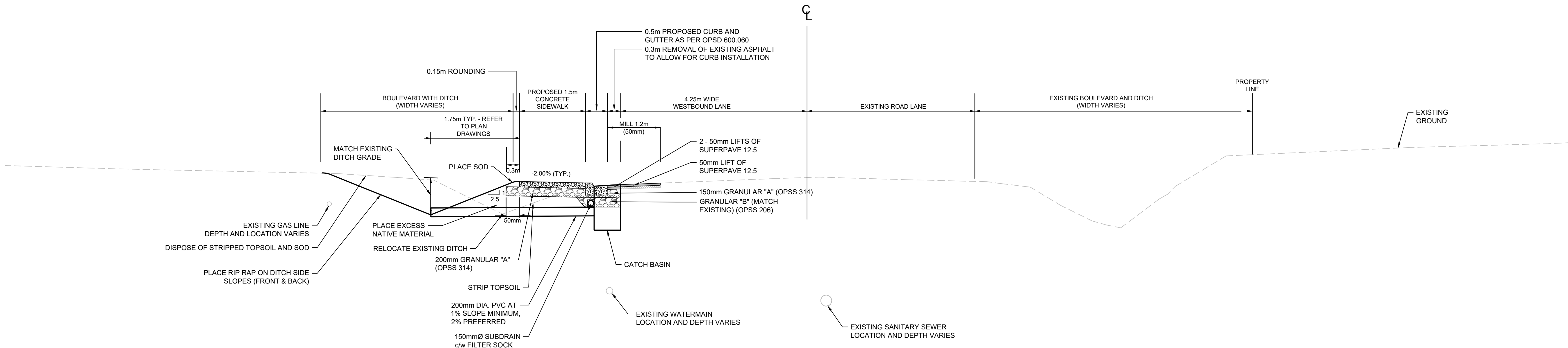
NOTES

- TRENCH RESTORATION:
BACKFILL: NATIVE MATERIALS
SUB-BASE (OPSS 314); GRANULAR B TYPE II
BASE (OPSS 314); GRANULAR A
SHOULDERS (OPSS 314); GRANULAR A
ASPHALT PAVING: BINDER 50mm SP12.5
SURFACE 50mm SP12.5
- REPLACE BINDER ASPHALT FROM EDGE OF TRENCH (EDIT TO BE SAWCUT) TO 4.0m LANE (TO EDGE OF PAVEMENT)
- REMOVE AND DISPOSE OF ASPHALT FROM STA 3+360 TO STA 3+432. PLACE ADDITIONAL GRANULAR A BASE AND COMPACT. PAVE BINDER AND SURFACE TO REVISED ROAD GRADE.
- REGRADE AND RESTORE DITCH ON THE EAST SIDE OF COMMERCE, DISTURBED DURING CONSTRUCTION, USING 100mm TOPSOIL AND SOD AND MURCH.



TYPICAL DITCH SECTION

STA. 3+335 TO STA.3+432 SCALE: 1:50



COMMERCE CRESCENT
PHASE I TYPICAL CROSS SECTION

STA. 3+432 TO 3+820 (APPROXIMATE) SCALE: 1:50

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.

7. ASPHALT DRIVEWAY REINSTATEMENT TO BE MINIMUM:

- 200MM THICK GRANULAR 'A'
- 50MM THICK SP12.5
- 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.
- DITCH SLOPE TYPICAL (REFER TO TYPICAL CROSS SECTIONS).

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

- 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	SEPT 25 2023	CL	ISSUED FOR TENDER
6	FEB 23 2024	CL	RE-ISSUED FOR TENDER



CITY OF NORTH BAY
ICIP SIDEWALK
PROGRAM

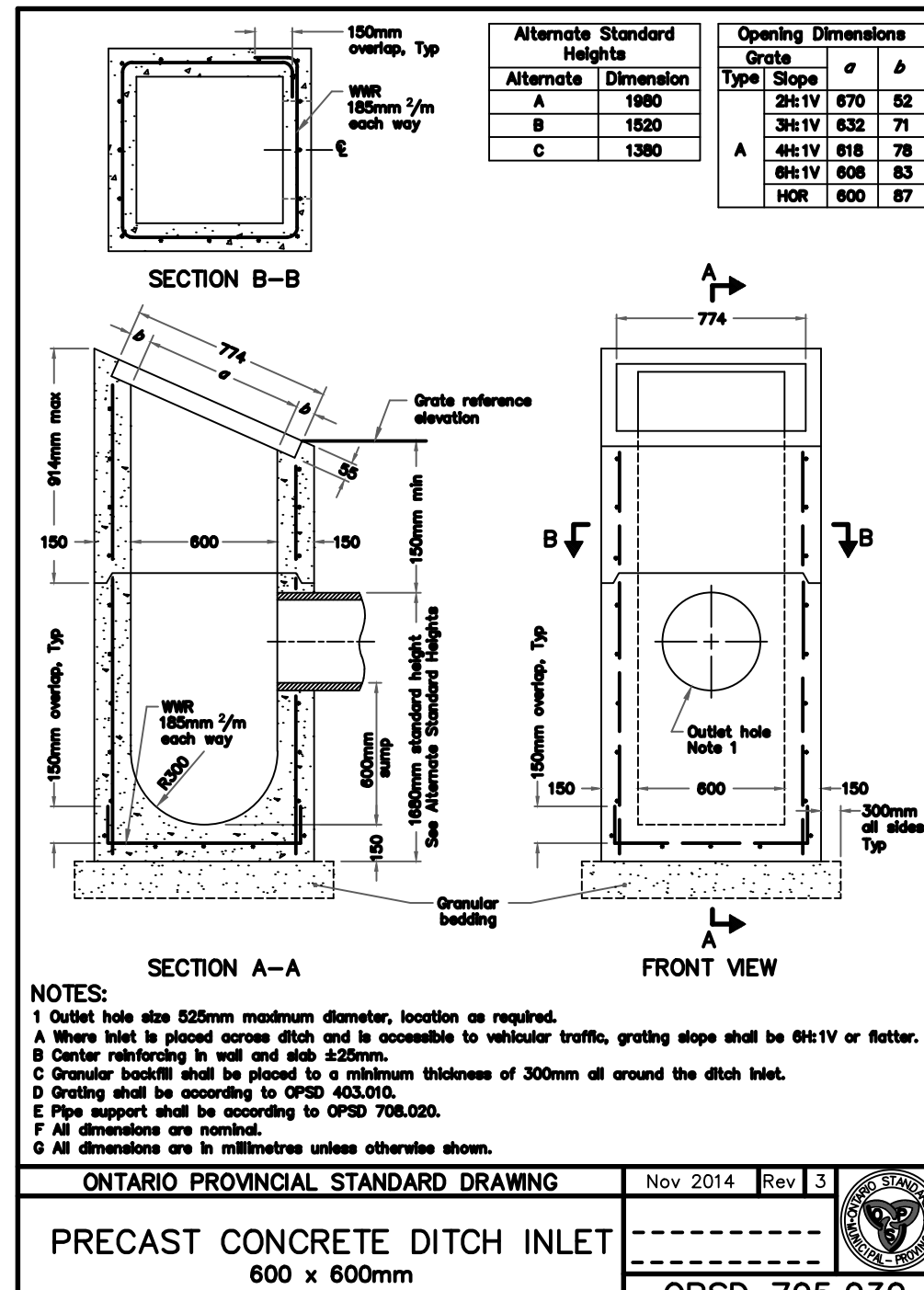
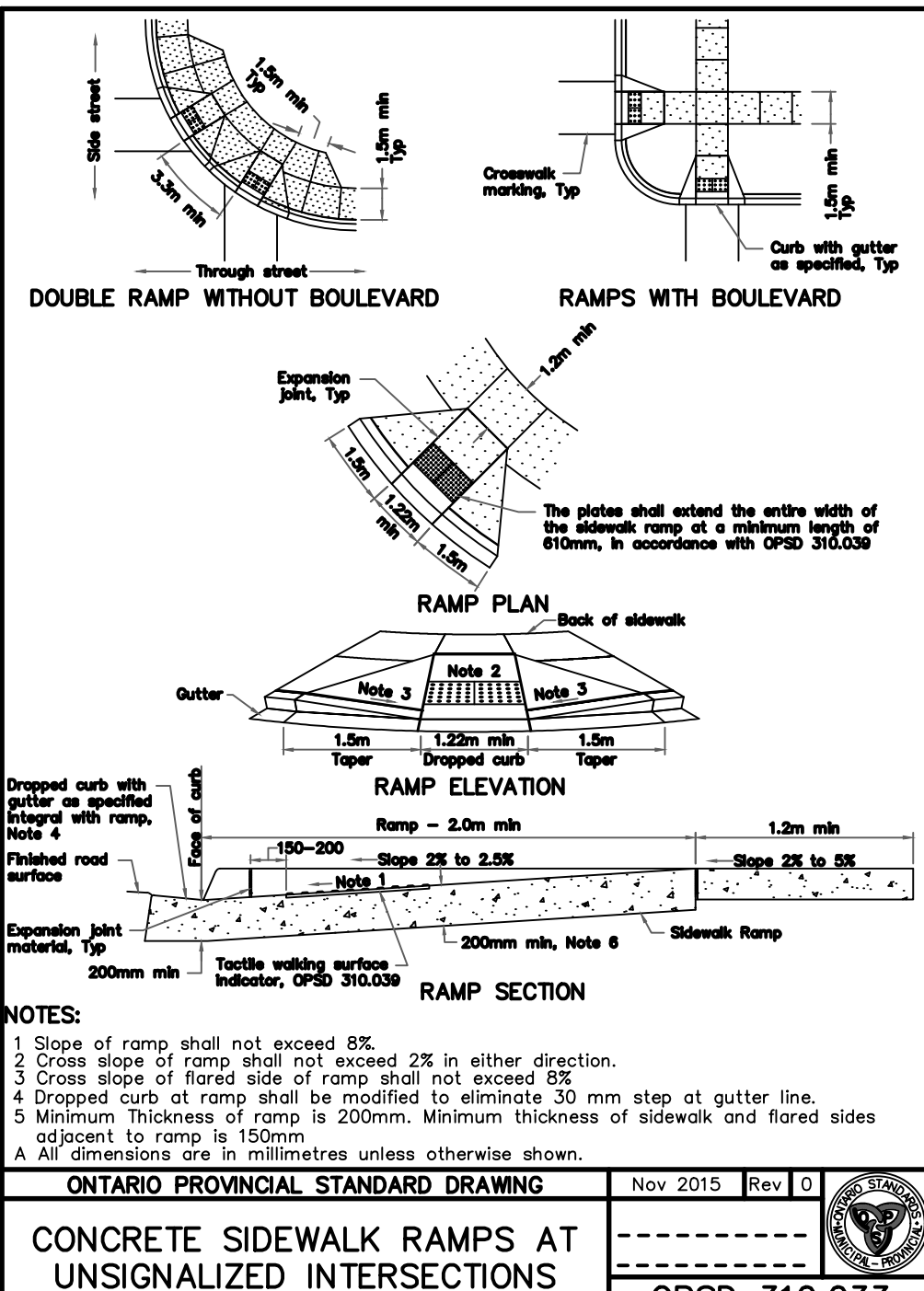
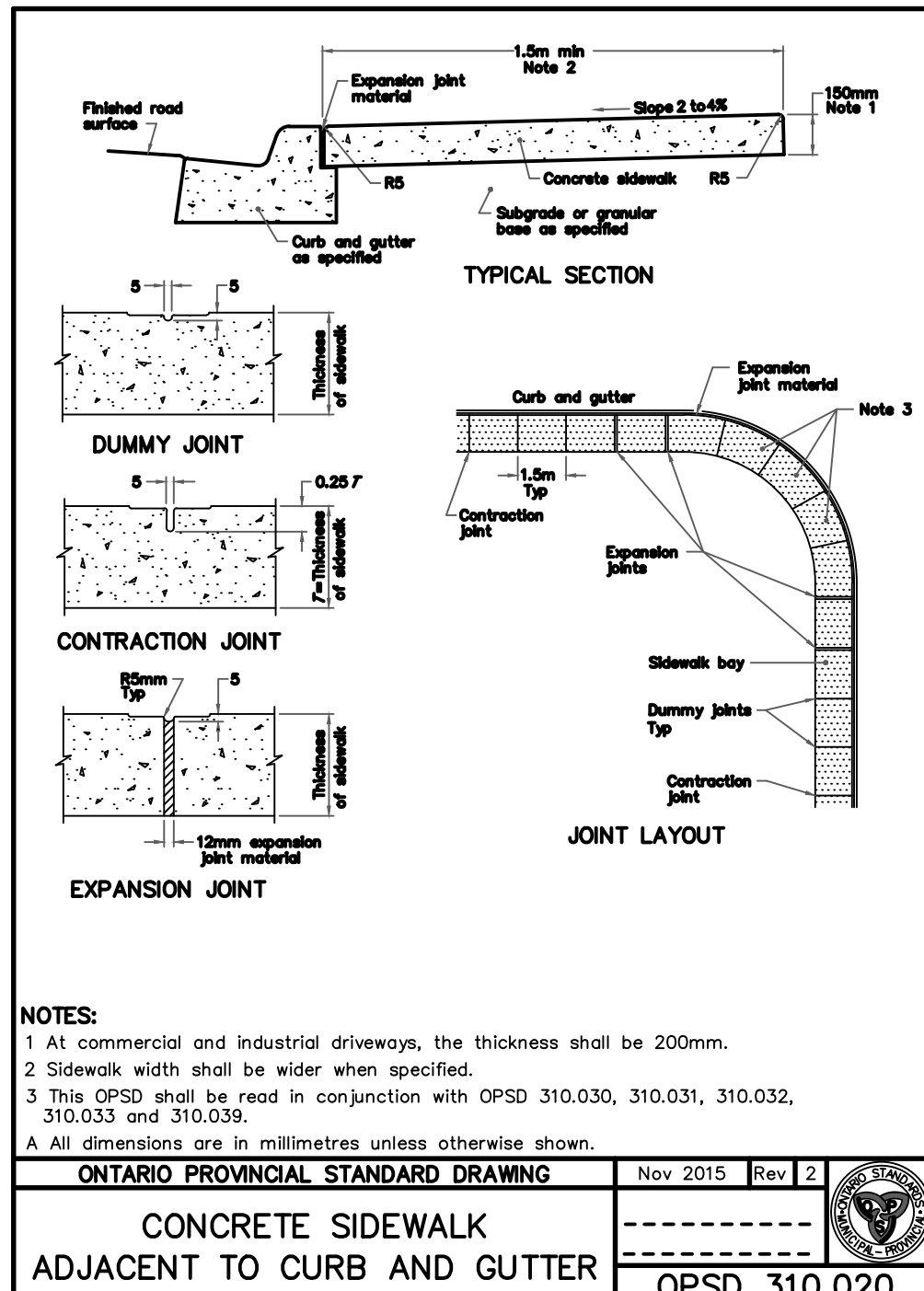
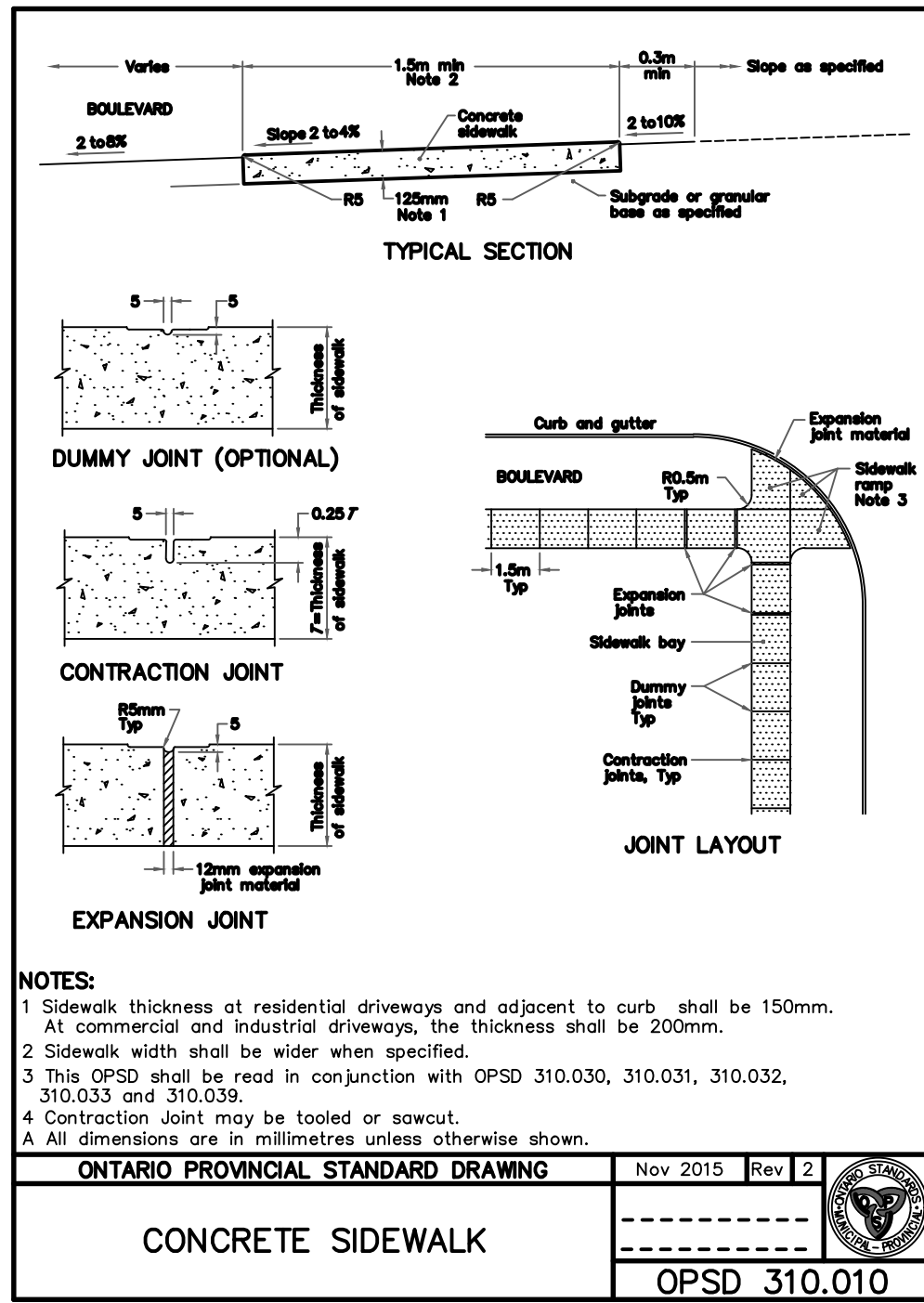
NEW CONSTRUCTION

COMMERCE CRESCENT
TYPICAL CROSS
SECTIONS

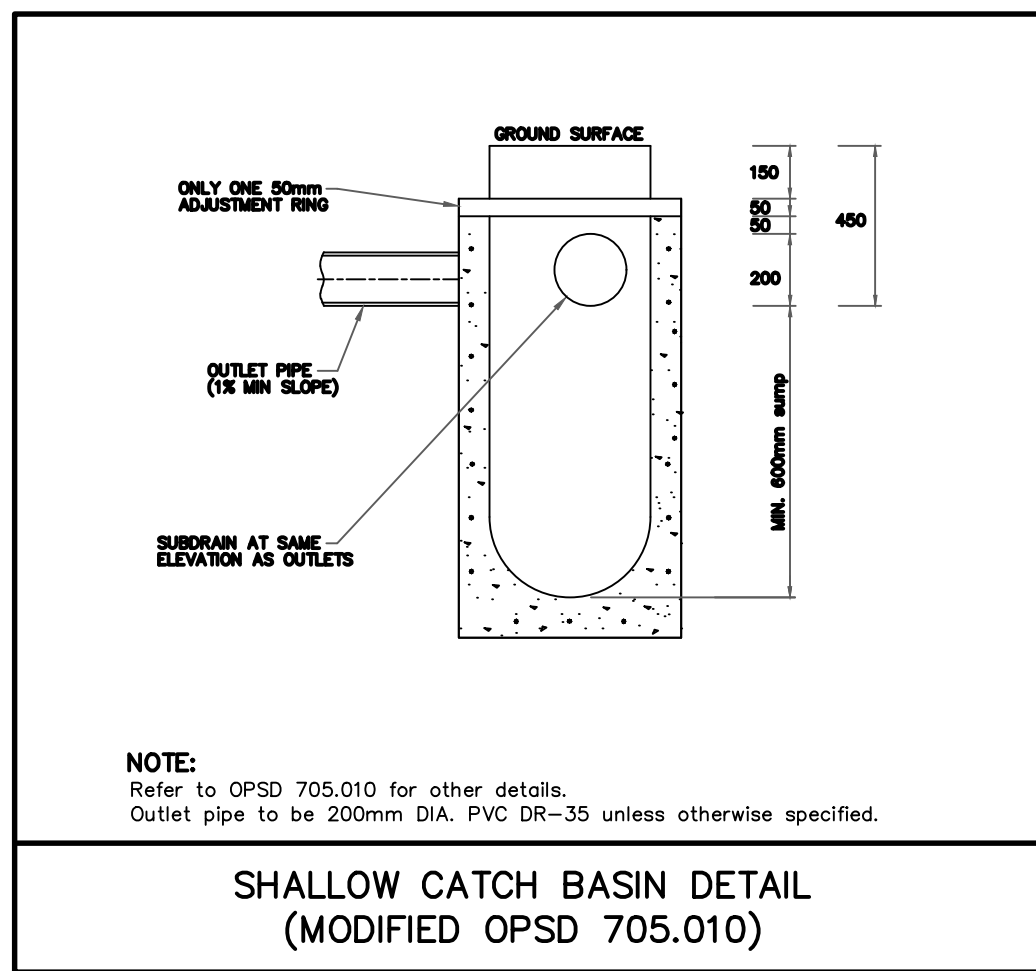
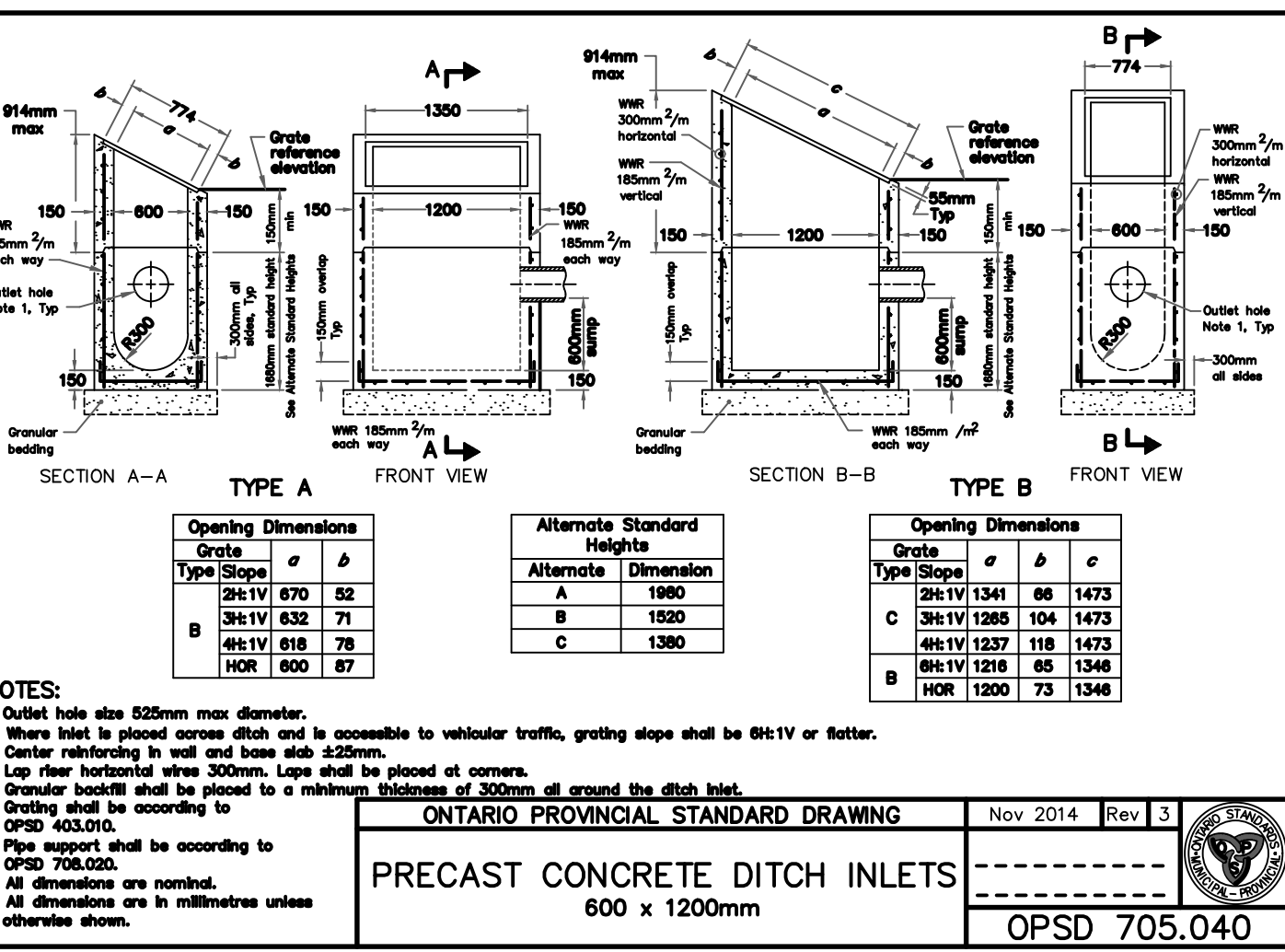
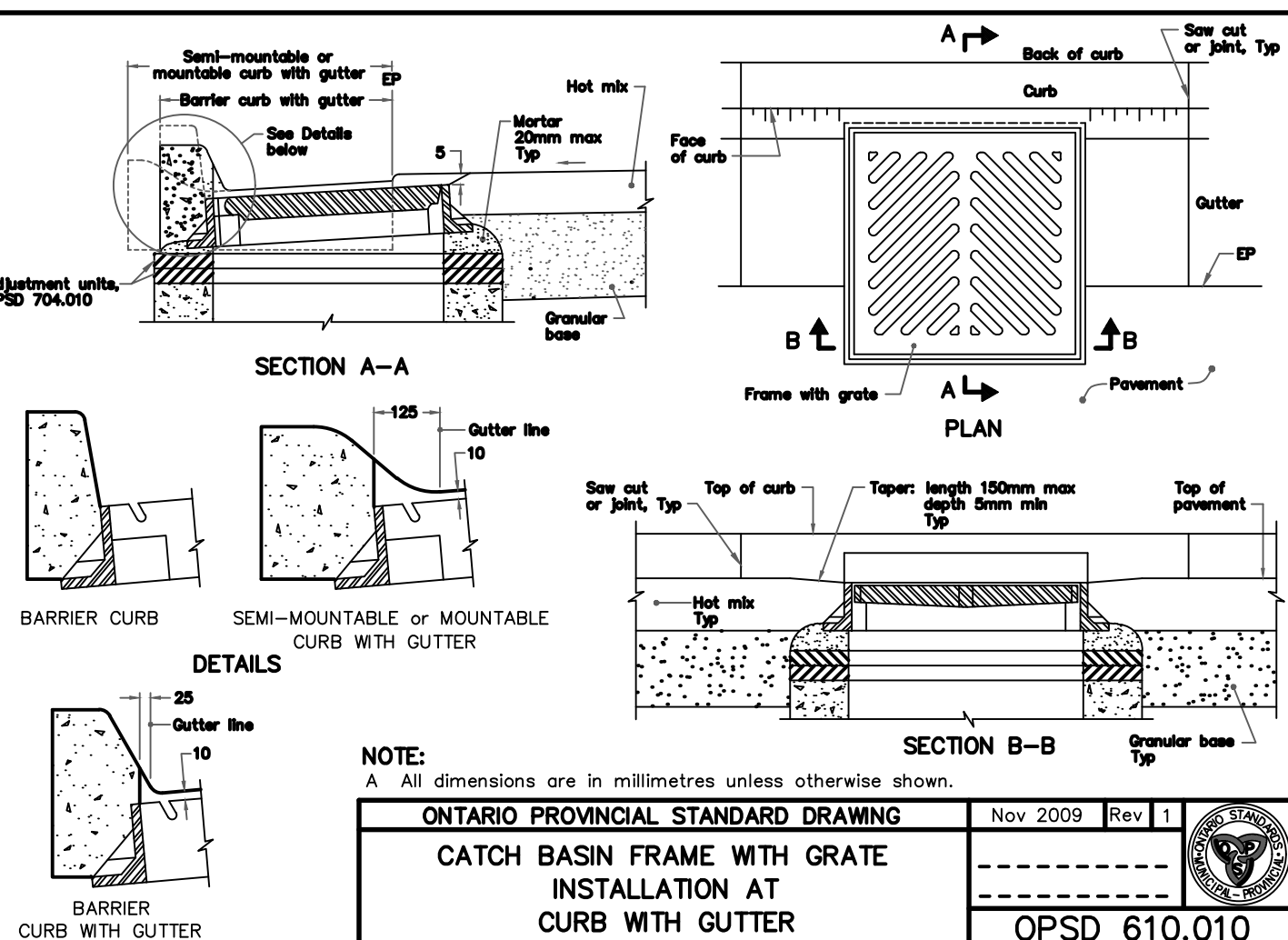
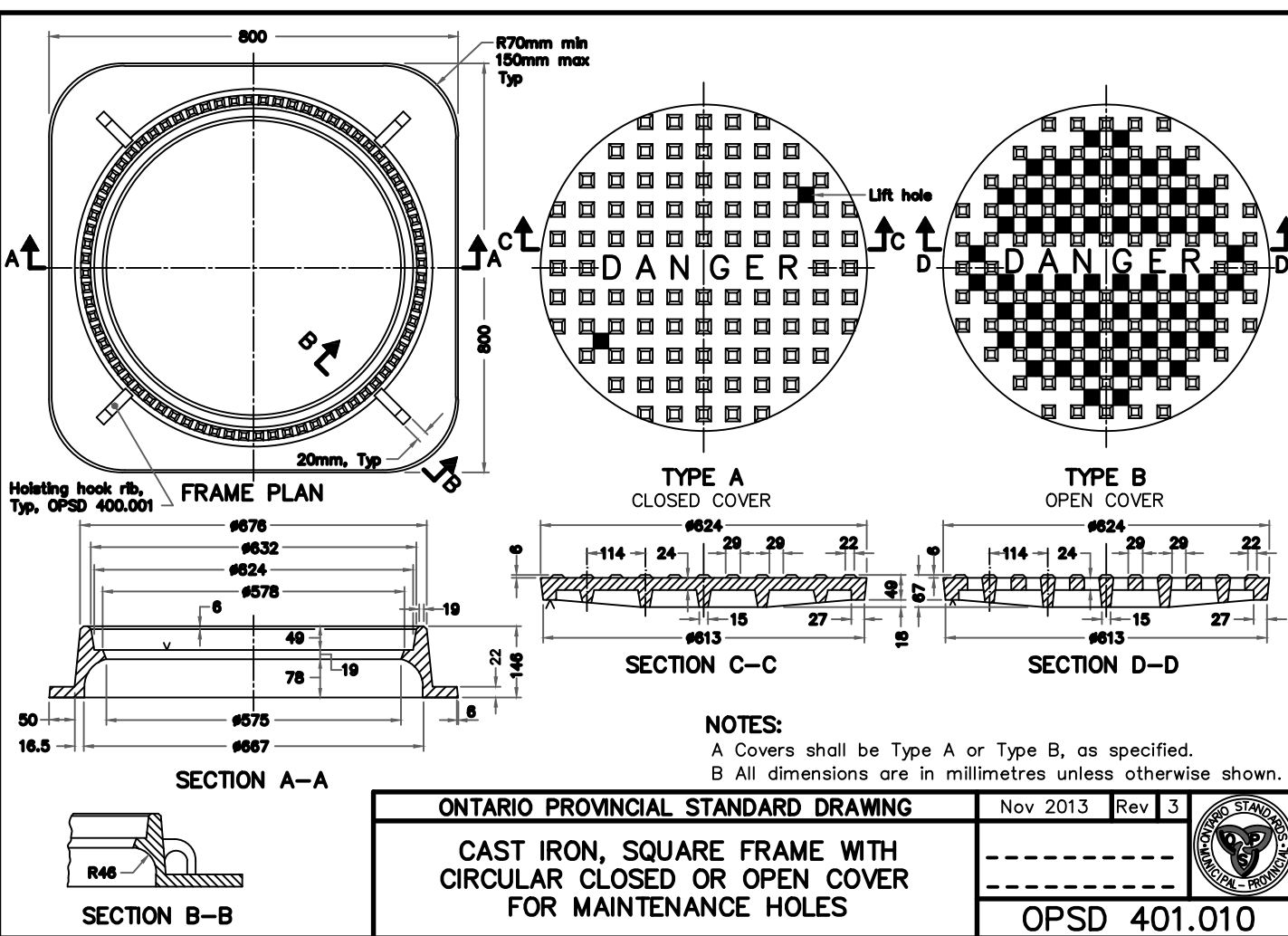
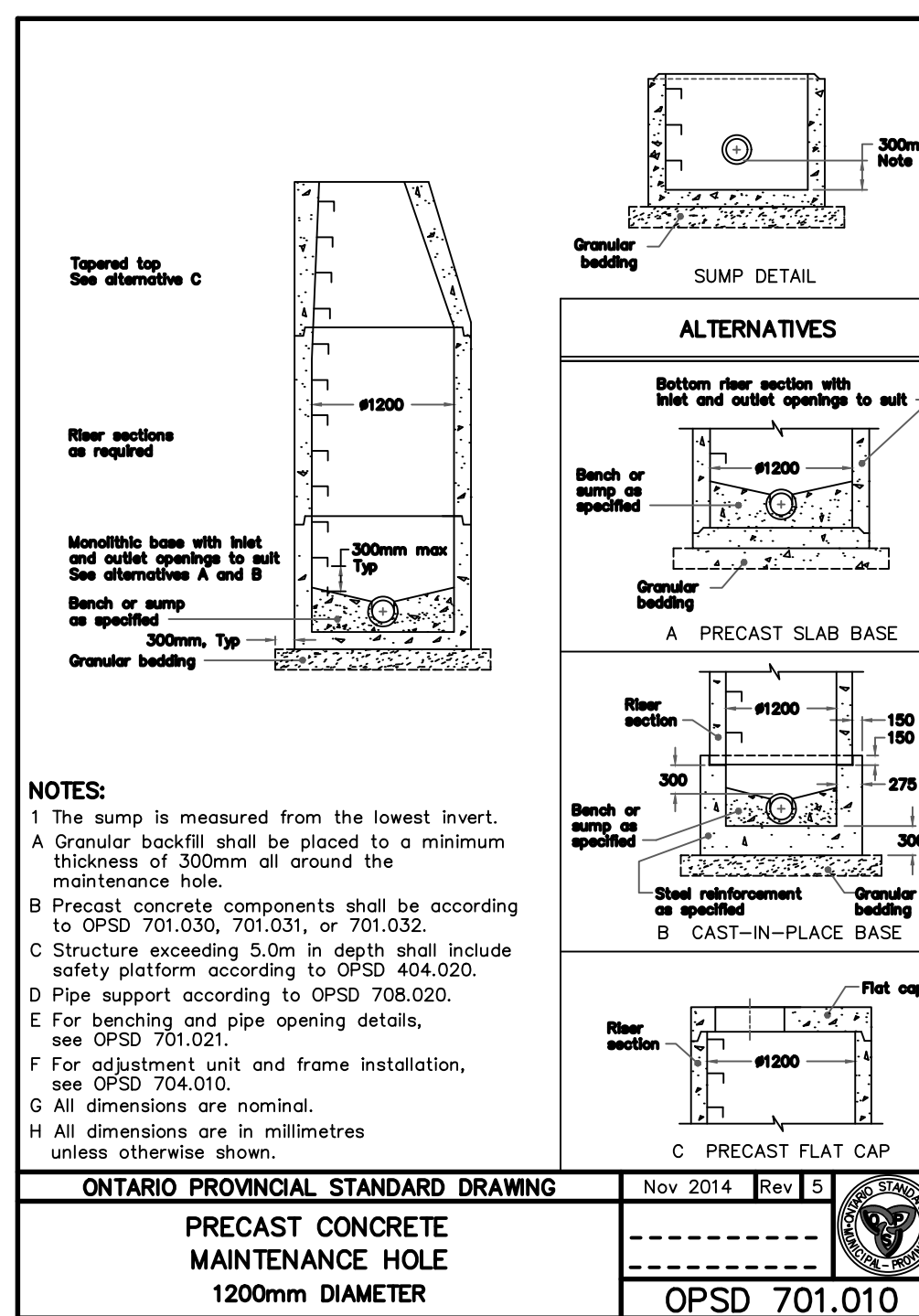
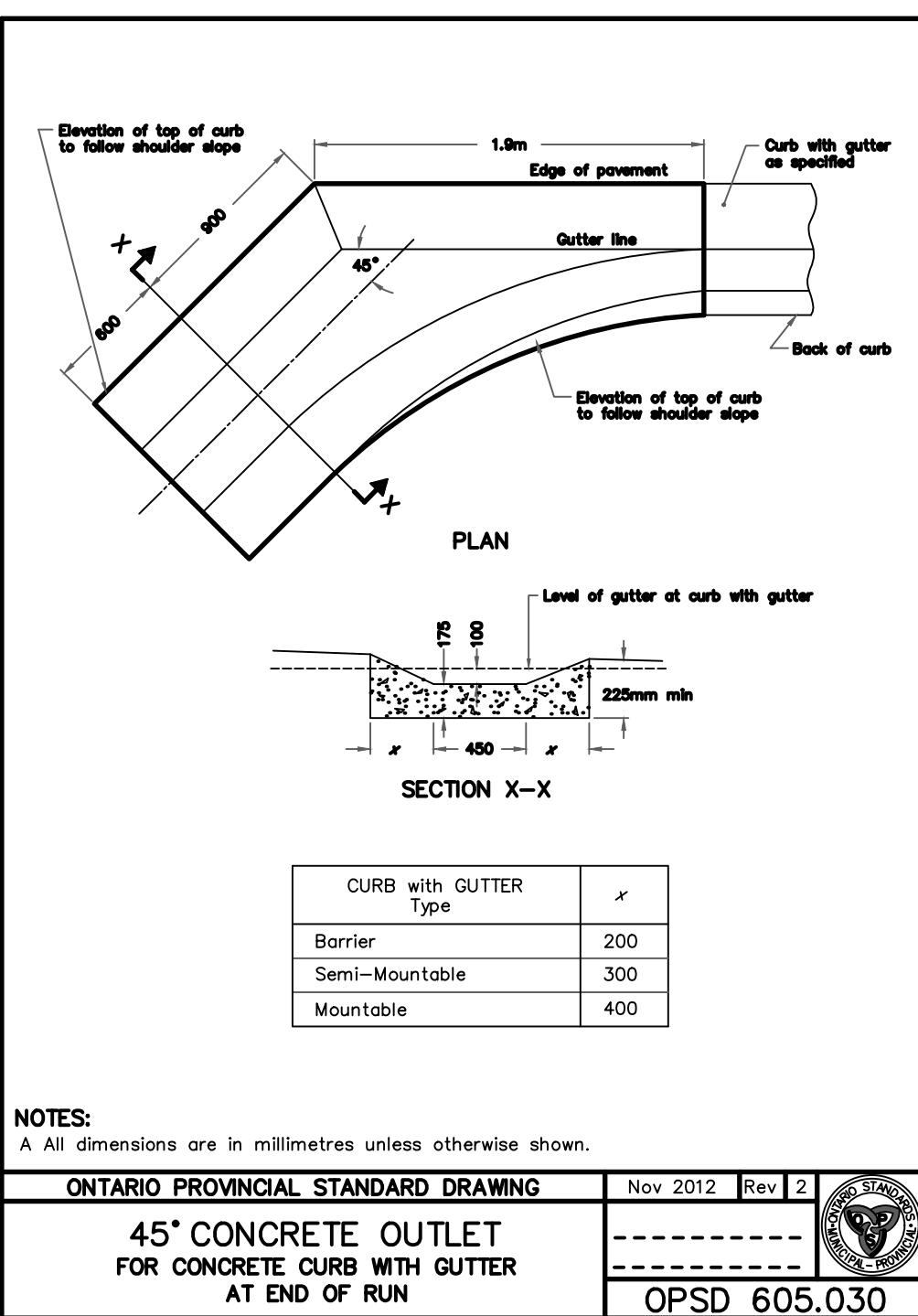
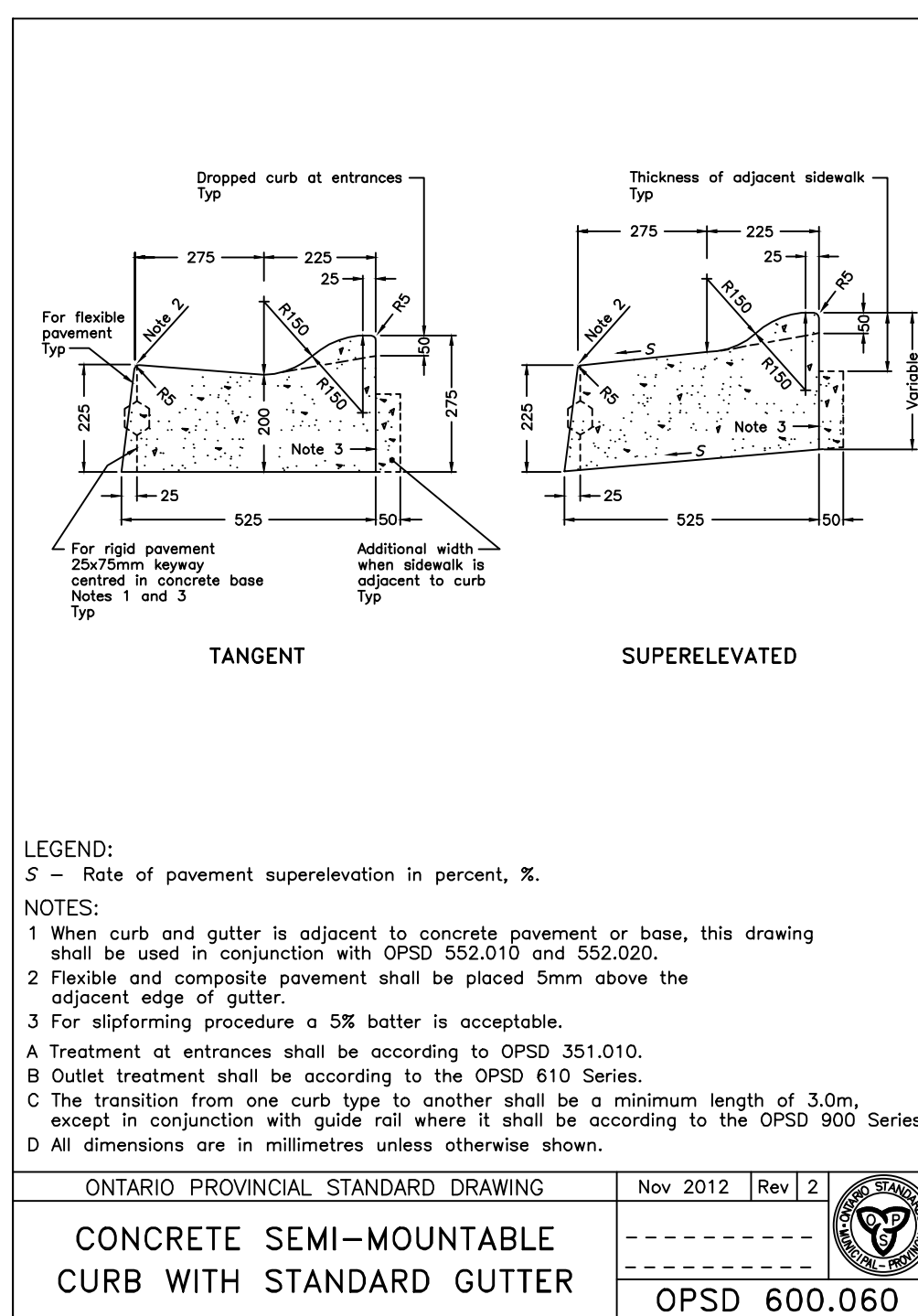
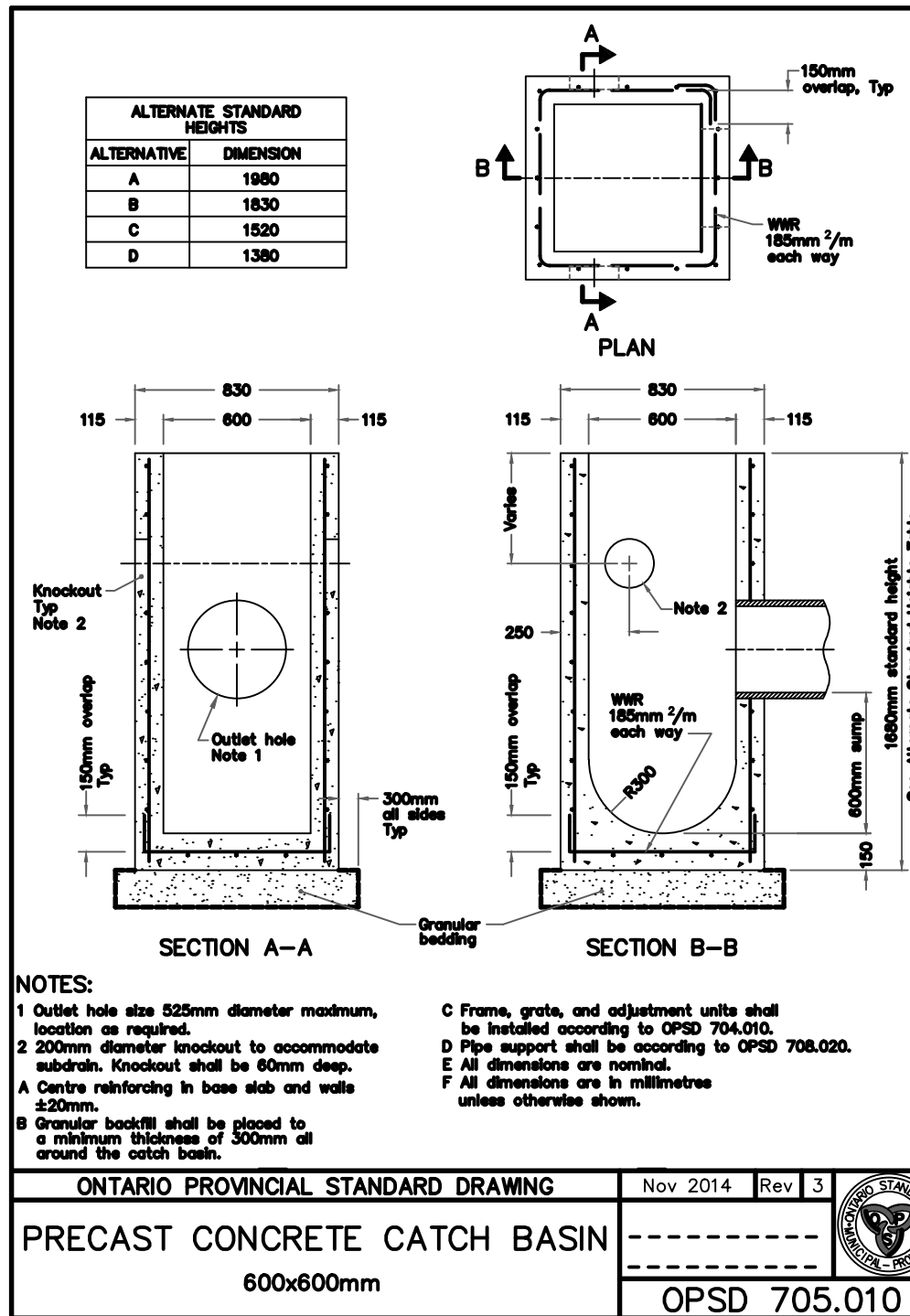
Designer: C.L.	Checked by: J.B.
Date: 23/02/2024	Approved by: C.L.

Scale: 1:250 1:50	
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Drawing Number: C07	Drawing Set: 07 of 08
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		Structure Table				
Structure Name	Structure Type	Cover	Rim Elevation (m)	Connected Pipes (m)	Sump Depth (m)	Northing
CB 01	OPSD 705.010	Standard	210.35	300mm INV IN = 209.650 300mm INV OUT = 209.750	0.60	5129855.6941
CB 02	OPSD 705.010	Standard	208.15	200mm INV OUT = 207.650	0.60	5129940.0510
CB 03	OPSD 705.010	Standard	207.00	200mm INV OUT = 206.400	0.60	5129991.1830
CB 04	OPSD 705.010	Standard	206.50	200mm INV OUT = 205.650	0.60	5130039.8691
CB 05	OPSD 705.010	Standard	206.35	200mm INV OUT = 205.550	0.60	5130060.9278
CB 06	OPSD 705.010	Standard	206.30	200mm INV OUT = 205.600	0.60	5130072.5531
CB 07	OPSD 705.010	Standard	206.18	200mm INV OUT = 205.700	0.60	5130100.7603
CB 09	OPSD 705.010	Standard	205.99	200mm INV OUT = 205.700	0.60	5130139.2194
CB 10	OPSD 705.010	Standard	206.01	200mm INV OUT = 205.500	0.60	5130153.1713
CB 11	OPSD 705.010	Standard	205.63	200mm INV OUT = 205.300	0.60	5130197.8885
CB 12	OPSD 705.010	Standard	205.61	200mm INV OUT = 205.282	0.60	5130214.0756
CB 13	OPSD 705.010	Standard	205.58	200mm INV OUT = 205.100	0.60	5130214.9502
CB 14	OPSD 705.010	Standard	205.57	200mm INV OUT = 205.000	0.60	5130215.5974
CB 15	OPSD 705.010	Standard	205.39	200mm INV OUT = 204.800	0.60	5130217.1053
CB 16	OPSD 705.010	Standard	205.28	200mm INV OUT = 204.631	0.60	5130217.8746
CB 17	OPSD 705.010	Standard	204.96	200mm INV OUT = 204.500	0.60	5130219.0952
CB 18	OPSD 705.010	Standard	204.76	200mm INV OUT = 204.200	0.60	5130220.2383
CB 19	OPSD 705.010	Standard	204.73	200mm INV OUT = 204.200	0.60	5130220.9993
CB 20	OPSD 705.010	Standard	204.73	200mm INV OUT = 204.230	0.60	5130221.5220
CBMH01	OPSD 705.011	Standard	210.60	300mm INV IN = 209.900 600mm INV IN = 208.720 600mm INV OUT = 208.720 450mm INV IN = 207.690 600mm INV IN = 206.810 600mm INV OUT = 206.780 483x762 INV OUT = 205.210	0.30	5129856.6995
CBMH 02	OPSD 705.011	Standard	208.18	450mm INV IN = 207.690 600mm INV IN = 206.810 600mm INV OUT = 206.780 483x762 INV IN = 205.320	0.30	5129942.6091
CBMH 03	OPSD 705.012	Standard	206.66	600mm INV IN = 205.320 483x762 INV IN = 205.220 483x762 INV OUT = 205.220	0.30	5130012.0900
CBMH 04	OPSD 705.013	Standard	206.04	600mm INV IN = 205.162 483x762 INV IN = 205.000 483x762 INV OUT = 205.000	0.30	5130152.0800
DICB 21	OPSD 705.030	Standard	209.79	300mm INV OUT = 209.700	0.60	5129854.8458
DICB 22	OPSD 705.030	Standard	208.25	450mm INV OUT = 207.400	0.60	5129942.3291
DICB 23	OPSD 705.030	Standard	207.15	200mm INV OUT = 206.550	0.60	5129992.2627
MH 01	OPSD 705.012	Standard	206.10	200mm INV IN = 205.500 483x762 INV IN = 205.220 483x762 INV OUT = 205.220	0.30	5130110.4027
PUP 01	OPSD 705.030	Standard	209.74	200mm INV OUT = 209.150	0.30	5129878.2941
PUP 02	OPSD 705.030	Standard	208.07	200mm INV OUT = 206.500	0.32	5129903.1966
PUP 03	OPSD 705.030	Standard	208.60	200mm INV OUT = 208.200	0.30	5129922.0318
ST 101	OPSD 705.010	Standard	210.48	450mm INV OUT = 209.410	0.60	5129856.7976
ST 102	OPSD 705.010	Standard	208.20	450mm INV IN = 207.200 Ex. 450mm INV IN = 207.810 450mm INV OUT = 207.700	0.30	5129942.3616
ST 106	OPSD 705.010	Standard	205.63	300mm INV IN = 204.920 450mm INV IN = 204.793 450mm INV OUT = 204.793	0.30	5130219.2540



CITY OF NORTH BAY
ICIP SIDEWALK PROGRAM

NEW CONSTRUCTION

Commerce Crescent Details

Designer: C.L.	Checked by: J.B.
Date: 23/02/2024	Approved by: C.L.

Scale:
1:250
1:50

Drawing Number:
C08

Drawing Set:
08 of 08

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

CATCH BASIN MAINTENANCE HOLE AS PER OPSD 701.010

CURB & GUTTER WITH DEPRESSURE 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 VAL - EXISTING WATERMAIN & VALVE

LOT/CONCESSION LINES

EX. MAINTENANCE HOLE

EDGE OF PAVEMENT

HYDRO POLE/LIGHT

EXISTING DITCH

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J.L. Richards
ENGINEERS-ARCHITECTS-PLANNERS

NORTH BAY
ONTARIO-CANADA
Just North Enough to be PERFECT