



Addendum No. 1

City of Coquitlam
Tender No. 73487
Hornby Area Pavement Rehabilitation
 (Consists of 16 Pages)
 Issue Date: February 20, 2025

Tenderers shall note the following amendments to the ***Tender Documents*** as follows:

Revisions

1. Refer to: **Agreement – Schedule 2 - Appendix B – Contract Drawings**

DELETE: **Appendix B – Issued For Tender (Drawings)**

REPLACE WITH: **Appendix B – Issued For Tender Addendum 1 (Drawings)**

Note: Modifications in clouds.

Questions/Clarifications

Q1: Does this project require a Category 3 TMP – signed & sealed By Professional Engineer?

A1: No, this project has been designated MoTI Category 2, Medium Risk.

Q2: Can you please extend the Tender Closing Date.

A2: No extension will be granted. Closing date remains the same, Tuesday, February 25, 2025.

End of Addendum No. 1

Tenderers shall take into account the content of this Addendum in the preparation and submission of the Tender which will form part of the contract and shall be acknowledged on the Tender Form, Item 1.

Upon submitting a Tender, Tenderers will be deemed to have received notice of all Addenda that are posted on the City's website and deemed to have considered the information for inclusion in the Tender submitted.

Issued by:

Mark Pain
 Manager Procurement
 Email: bid@coquitlam.ca

CITY OF COQUITLAM

CLIENT

ADDRESS / CONTACT INFO.

3000 GUILDFORD WAY, COQUITLAM, BC, V3B 7N2

PROJECT NAME

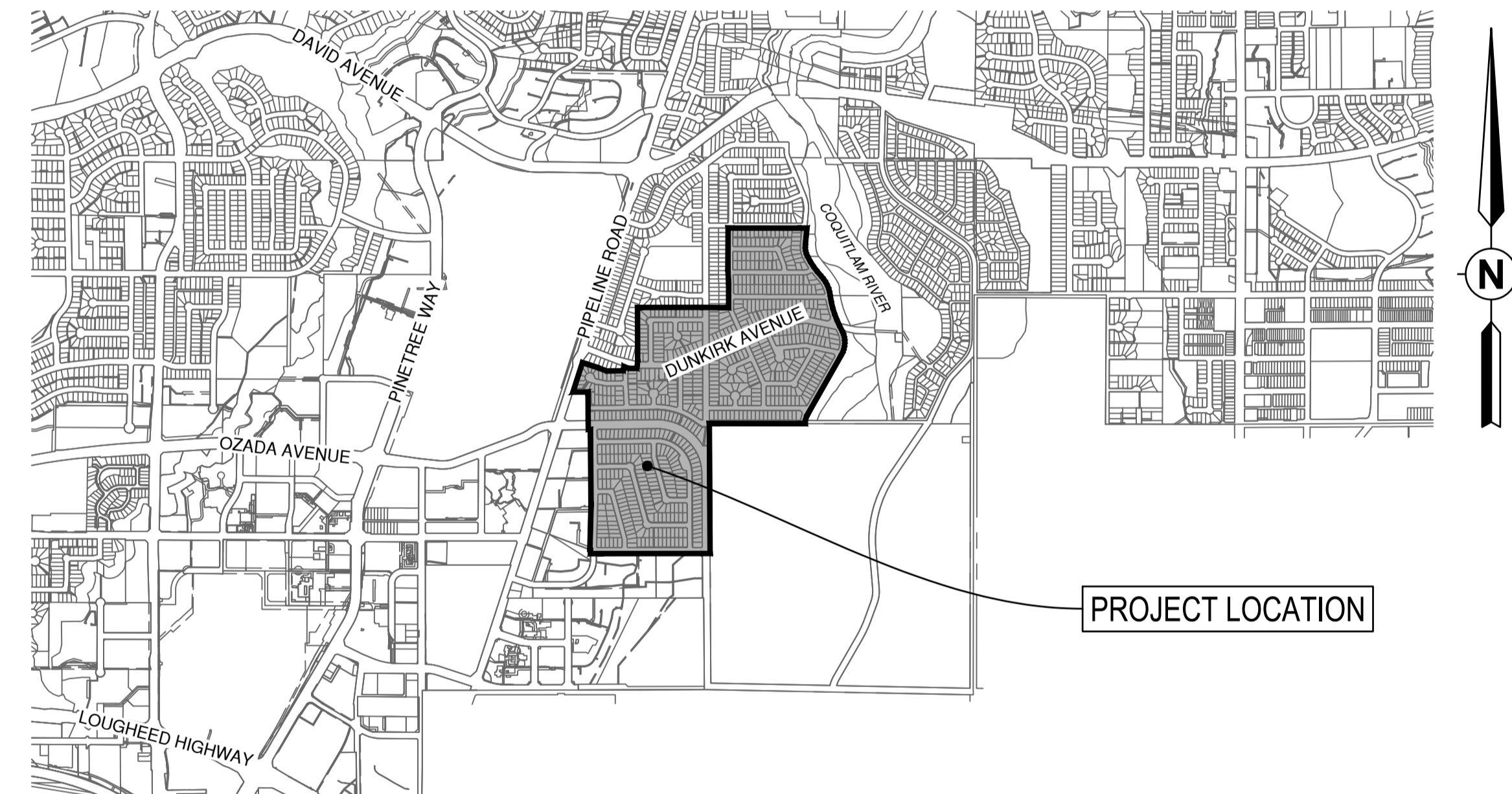
HORNBY AREA PAVEMENT REHABILITATION

McELHANNEY PROJECT

2111-06533-00

STATUS

ISSUED FOR TENDER ADDENDUM 1



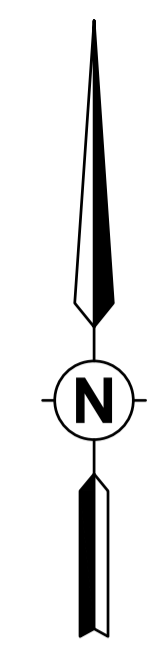
LOCATION PLAN
SCALE 1:15,000

DRAWING LIST		REVISIONS						
		A	B	C	0	1	2	3
00	COVER	X	X	X				
01	KEY PLAN	X	X	X				
02	TAHSIS AVENUE	X	X	X				
03	BUTE CRESCENT	X	X	X				
04	TOBA DRIVE	X	X	X				
05	BOWEN DRIVE AND SECRET COURT	X	X	X				
06	QUADRA COURT AND GALIANO STREET	X	X	X				
07	TEXADA STREET PLAN & PROFILE				X			
08	NESTOR STREET, SALT SPRING AVE & ENTRANCE COURT	X	X	X				
09	HORNBY STREET PLAN & PROFILE				X			
10	SAMUELS COURT & VALDEZ COURT	X	X	X				
11	MAYNE CRESCENT PLAN & PROFILE				X			
12	GAMBIER AVENUE AND WISE COURT	X	X	X				
13	HORNBY STREET AND GEORGESON AVENUE	X	X	X				
14	HORNBY STREET, SAVARY AVENUE & CHROME CRESCENT	X	X	X				



McElhanney

Suite 2300 Central City Tower
13450 102nd Avenue,
Surrey BC V3T 5X3
Tel. 604 596 0391



- GENERAL CONSTRUCTION NOTES:**
- CONTACT & NOTIFY ALL HOMEOWNERS AFFECTED BY WORKS 4 WEEKS PRIOR TO CONSTRUCTION.
 - ALL CONSTRUCTION AND MATERIALS SHALL CONFORM TO MUNICIPALITY STANDARD SPECIFICATIONS AND DRAWINGS UNLESS OTHERWISE NOTED ON THIS DRAWING.
 - REPAIR AND/OR REPLACE ALL INFRASTRUCTURE/PRIVATE PROPERTY DAMAGED OR REMOVED DURING CONSTRUCTION, TO BETTER THAN, OR EQUAL TO PRE-CONSTRUCTION CONDITION.
 - REINSTATE ALL PRIVATE PROPERTY AND BOULEVARDS TO PRE-CONSTRUCTION CONDITIONS.
 - CONTACT MUNICIPALITY PARKS DEPARTMENT PRIOR TO WORKING IN AND AROUND TREES.
 - ENSURE THE CURRENT MUNICIPAL O.H.&S. GROUND DISTURBANCE PRACTICE AND PROCEDURES ARE FOLLOWED. CONTACT BC1 AT 1-800-474-6886 FOR EXTERNAL UTILITY LOCATIONS AT LEAST 72 HOURS PRIOR TO THE START OF CONSTRUCTION.
 - NOTIFY THOSE HOMEOWNERS WHO WILL BE AFFECTED BY CONSTRUCTION 48HRS BEFORE BEGINNING WORKS.
 - CONFIRM LOCATION AND ELEVATION OF EXISTING UTILITIES AT ALL CROSSINGS AND CONNECTIONS PRIOR TO CONSTRUCTION.
 - ENSURE ALL EXISTING SERVICES STAY IN OPERATIONAL CONDITION DURING CONSTRUCTION.
 - SIGNS ARE TO BE CONSTRUCTED AS PER DoS STANDARD DRAWING C185S.

- ENVIRONMENTAL NOTES:**
- USE BEST MANAGEMENT PRACTICES DURING CONSTRUCTION. ADJUST WORK ACTIVITIES DURING PERIODS OF HEAVY RAIN TO MINIMIZE SEDIMENTS ENTERING THE STORM DRAINAGE SYSTEM. SOME BMB'S TO CONSIDER:
- CHECK ALL EQUIPMENT FOR FLUID LEAKS PRIOR TO ENTERING THE WORK AREA.
 - NO EQUIPMENT RE-FUELING TO OCCUR IN THE WORK AREA UNLESS SPILL PROTECTION MEASURES ARE IN PLACE.
 - A SPILL KIT IS TO BE MAINTAINED ON SITE THROUGHOUT THE CONSTRUCTION PERIOD.
 - SURFACE WATER IS TO BE MANAGED WITHIN THE WORK AREA AND TREATED BEFORE DISCHARGED. THIS MAY INCLUDE ONSITE DETENTION AND/OR CULVERT FILTRATION.
 - COVER EXPOSED SOILS IN INCLEMENT WEATHER w/ TARP, HYDRO SEED OR ORGANIC LEAF MULCH.
 - STOCKPILE SOILS AWAY FROM CULVERT INLETS AND ENSURE THEY ARE COVERED IF LEFT FOR MORE THAN 48 HOURS.
 - PLACE DRAIN ROCK AND FILET FABRIC AT THE INLET OF CULVERT AS PER DETAIL B.
 - SURROUND PROTECTED TREES WITH SNOW FENCING AT DRIP LINE OR CRITICAL ROOT ZONE OF TREE DURING CONSTRUCTION. CONTACT MUNICIPAL ARBORIST PRIOR TO BEGINNING CONSTRUCTION. INSTALL SILT FENCING AS PER DETAIL A IN LOCATION SHOWN ON PLAN.
 - ADHERE TO ALL CONDITIONS OF THE PROJECT ENVIRONMENTAL PROTOCOL WORKSHEET.

- TRAFFIC CONTROL NOTES:**
- TRAFFIC CONTROL SHALL BE MAINTAINED AS PER CITY OF COQUITLAM BYLAWS AND MASTER MUNICIPAL SPECIFICATIONS SECTION 01570 - TRAFFIC REGULATION. IN THE EVENT OF A CONFLICT BETWEEN THE BYLAWS AND THE MMS SPECIFICATION, THE BYLAWS SHALL GOVERN.
 - A COMPLETED LANE CLOSURE REQUEST FORM, AND TRAFFIC CONTROL PLAN SHALL BE SUBMITTED TO THE CITY FOR APPROVAL PRIOR TO COMMENCING CONSTRUCTION. THE TRAFFIC CONTROL PLAN SHALL MINIMIZE DISRUPTION TO TRAFFIC AND SHALL BE APPROVED BY THE CITY PRIOR TO IMPLEMENTATION.
 - ALL SIGNAGE REQUIRED FOR TRAFFIC CONTROL SHALL BE INSTALLED PRIOR TO COMMENCING CONSTRUCTION AND SHALL BE MAINTAINED DURING THE CONSTRUCTION PERIOD.

- ROAD WORKS NOTES:**
- SUBGRADE AND GRANULAR BASE MATERIALS SHALL BE COMPACTED TO 95% MPD UNLESS OTHERWISE INDICATED. GEOTECHNICAL CONSULTANT TO REVIEW AND APPROVE THE SUBGRADE PRIOR TO PLACING ROAD GRANULARS.
 - ALL VALVE BOXES, MANHOLES, ETC., SHALL BE ADJUSTED TO FINISHED GRADE IN PAVED AREAS. A PROTECTIVE ASPHALT RAMP SHALL BE PLACED AROUND EACH STRUCTURE TO COMPENSATE FOR FUTURE FINAL LIFT OF PAVEMENT.
 - LOCATION OF DRIVEWAYS, WHEELCHAIR RAMP, ETC., SHALL BE CONFIRMED IN THE FIELD PRIOR TO CONSTRUCTION OF CURB, GUTTER AND SIDEWALK.
 - TRENCHING SHALL BE AS PER CITY OF COQUITLAM STANDARD DRAWING COQ-G4.

PERMIT TO PRACTICE

McElhanney Ltd.
PERMIT NUMBER: 1003299

Engineers and Geoscientists of
British Columbia

THIS DRAWING AND DESIGN IS THE PROPERTY OF McELHANNEY AND SHALL NOT BE USED, REUSED OR REPRODUCED WITHOUT THE CONSENT OF McELHANNEY. McELHANNEY WILL NOT BE HELD RESPONSIBLE FOR THE IMPROPER OR UNAUTHORIZED USE OF THIS DRAWING AND DESIGN.

THIS DRAWING AND DESIGN HAS BEEN PREPARED FOR THE CLIENT IDENTIFIED. TO MEET THE STANDARDS AND REQUIREMENTS OF THE APPLICABLE PUBLIC AGENCIES AT THE TIME OF PREPARATION. McELHANNEY, ITS EMPLOYEES, SUBCONSULTANTS AND AGENTS WILL NOT BE LIABLE FOR ANY LOSSES OR OTHER CONSEQUENCES RESULTING FROM THE USE OR RELIANCE UPON, OR ANY CHANGES MADE TO, THIS DRAWING BY ANY THIRD PARTY, INCLUDING CONTRACTORS, SUPPLIERS, CONSULTANTS AND STAKEHOLDERS, OR THEIR EMPLOYEES OR AGENTS, WITHOUT McELHANNEY'S PRIOR WRITTEN CONSENT.

INFORMATION ON EXISTING UNDERGROUND FACILITIES MAY NOT BE COMPLETE OR ACCURATE. McELHANNEY, ITS EMPLOYEES AND DIRECTORS ARE NOT RESPONSIBLE NOR LIABLE FOR THE LOCATION OF ANY UNDERGROUND CONDUITS, PIPES, CABLES OR OTHER FACILITIES WHETHER SHOWN OR OMITTED FROM THIS PLAN. PRIOR TO CONSTRUCTION CONTRACTOR SHALL EXPOSE LOCATIONS OF ALL EXISTING FACILITIES BY HAND DIGGING OR HYDROVAC AND ADVISE THE ENGINEER OF POTENTIAL CONFLICTS.



Edge of pavement	Hydrant	Sanitary service	Hydro Guy Wire
Watermain and valve	Water air valve	Sanitary cleanout	Hydro Kiosk
Drainage sewer, MH	Water blowoff	Utility pole (joint pole)	Vegetation Conifer
Drainage ditch	Water service	Utility pole with light	Vegetation Deciduous
Sanitary sewer, MH	Catch basin, top inlet	Streetlight, davit	Vegetation Shrub
Sanitary forcemain	Catch basin, side inlet	Streetlight, post top	Survey Traverse Hub
Gasmain and valve	Catch basin, round	Comb signal pole	Survey Iron Pin
Hydro duct, MH	Drainage service	Traffic signal pole	Survey Lead Plug
Telephone duct, MH	Drainage cleanout	Junction box	Survey Monument

No.	Date	By	Revisions	Eng.
C	2025.02.12	VP	ISSUED FOR TENDER ADDENDUM 1	AG
B	2025.01.30	MW	ISSUED FOR TENDER	AG
A	2024.12.20	MW	ISSUED FOR DETAILED DESIGN	AG

Design by	Date	
MWJ	2024.12.20	
Drawn by	Date	
CA	2024.12.20	
Checked by	Date	
AG	2024.12.20	
Approved by	Date	
MH	2024.12.20	

Approved Sealed

Engineering & Public Works

3000 Guildford Way, Coquitlam, B.C. V3B 7N2

Scale **1:2000** Scale

horiz. **14** vert.

Sheet **01** of **14**

Eng. **2111-06533-00**

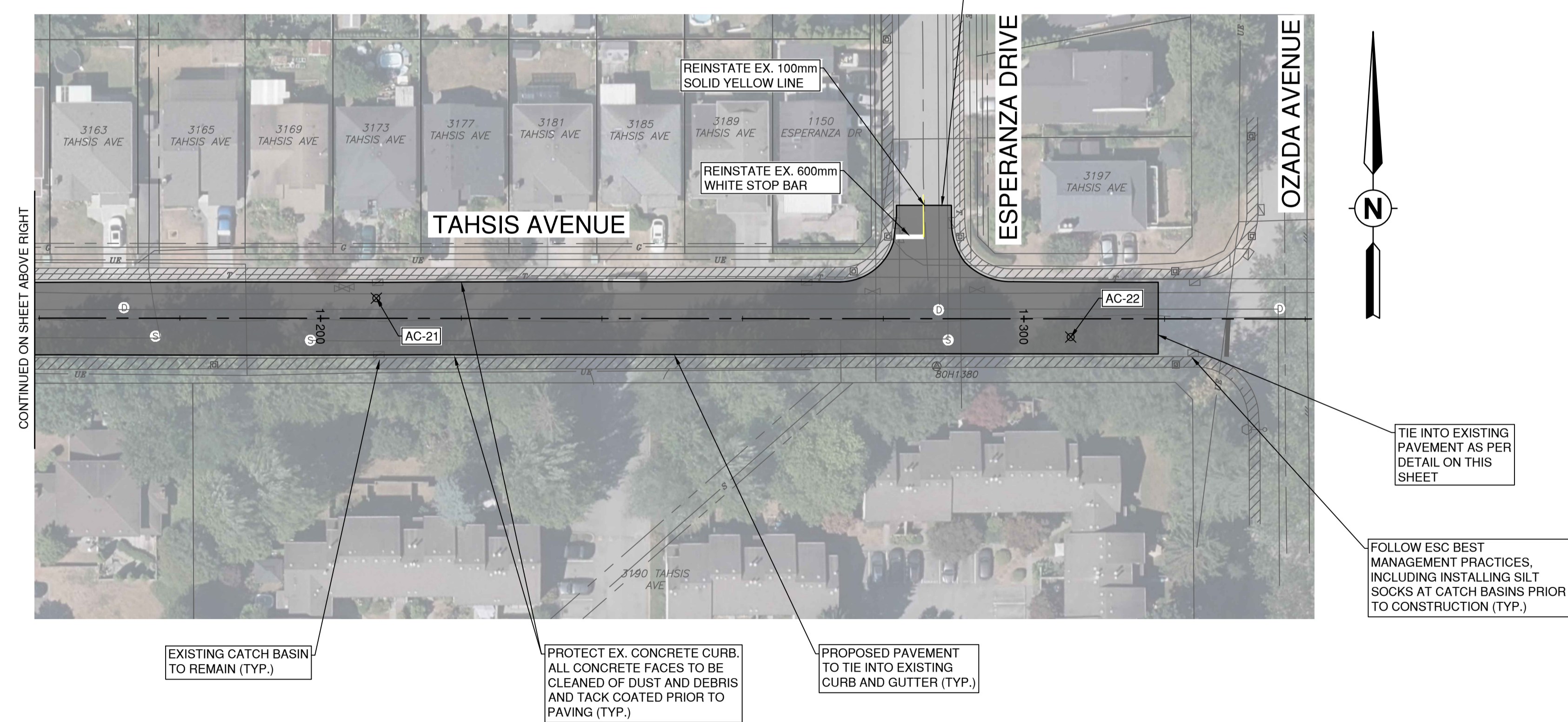
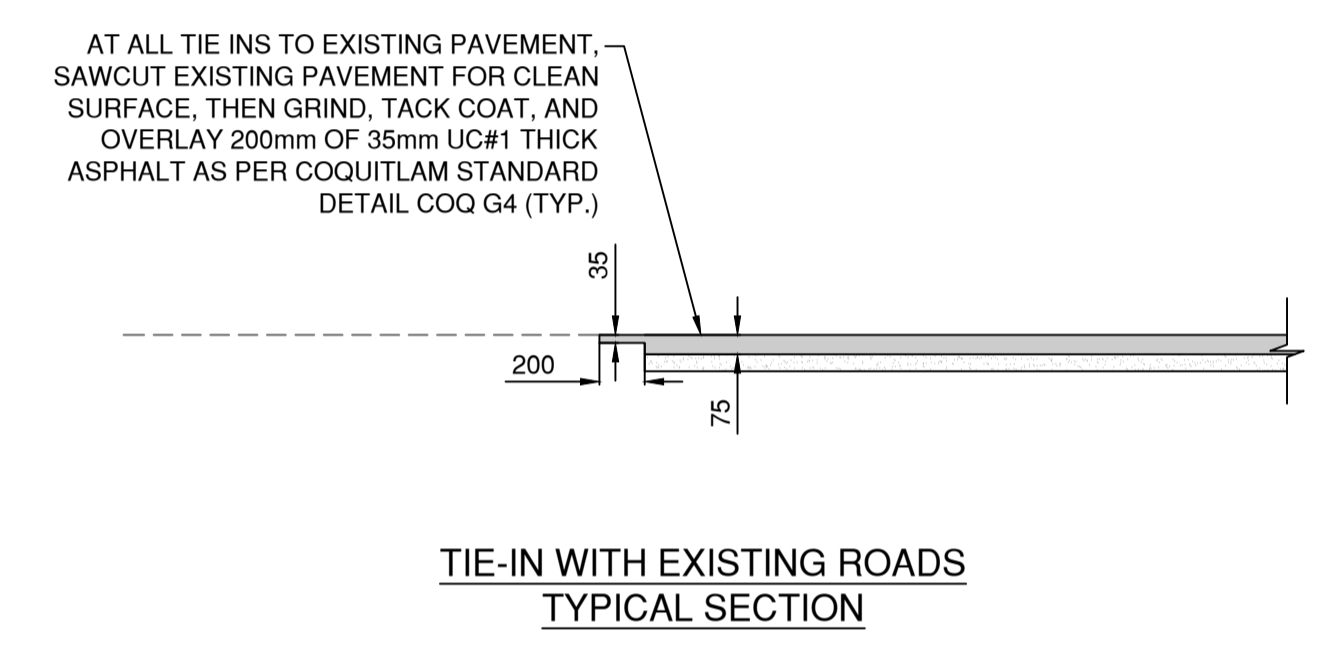
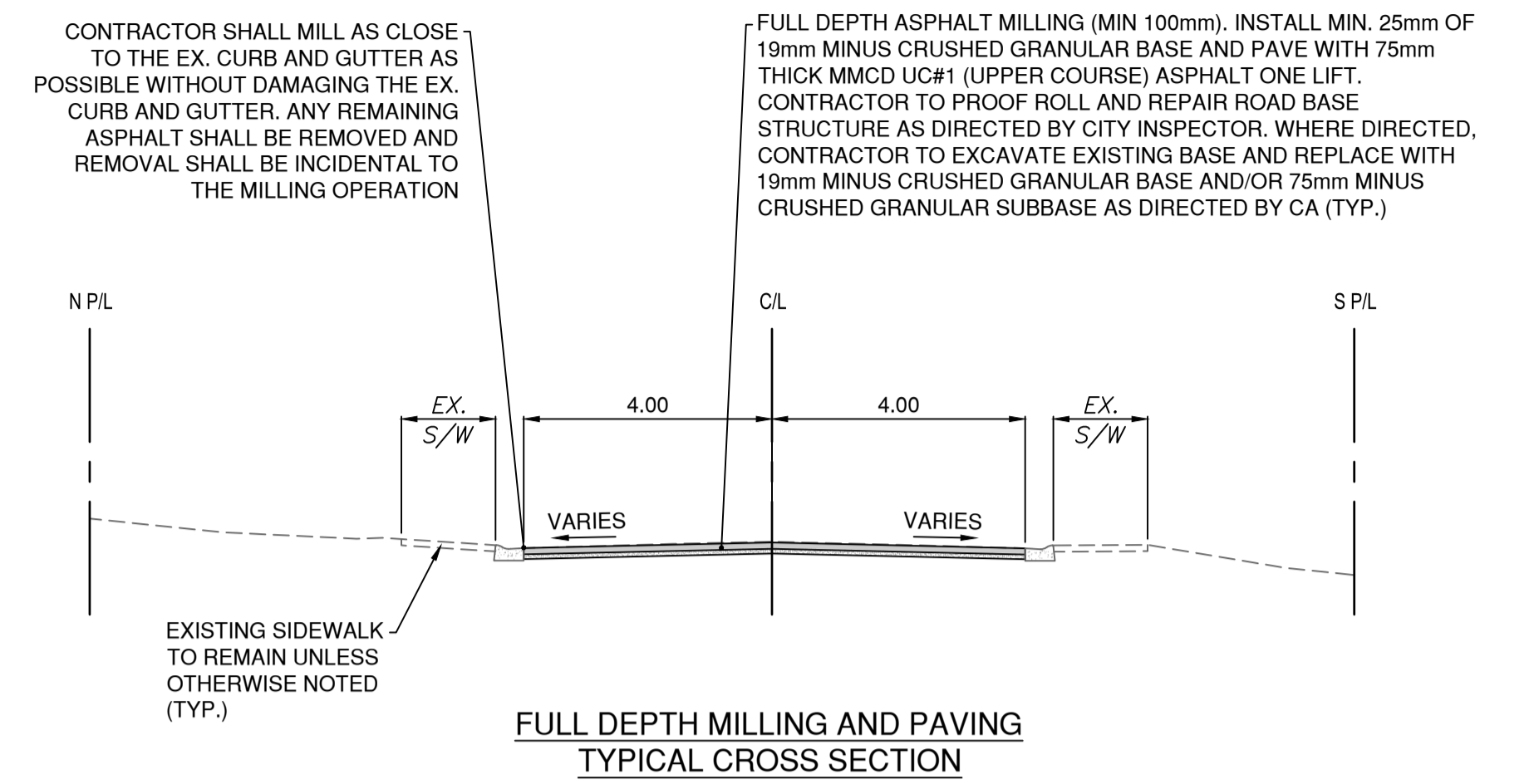
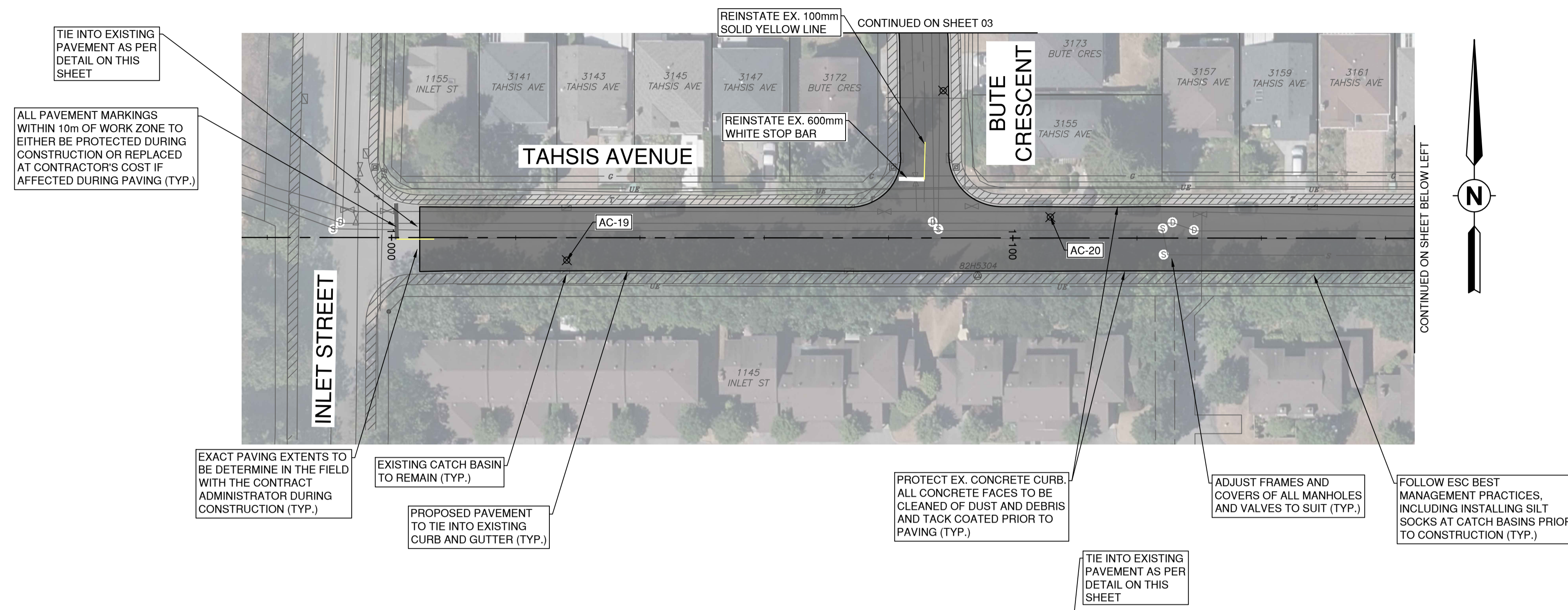
Project No. **06533-C0-001**

Project **HORNBY AREA PAVEMENT REHABILITATION**

CITY OF COQUITLAM

Description **KEY PLAN**

File: 06533-C0-001



ASPHALT CORES			
NO.	TOP LIFT	BOTTOM LIFT	TOTAL ASPHALT THICKNESS
AC-19	-	-	80mm
AC-20	-	-	75mm
AC-21	-	-	40mm
AC-22	-	-	50mm

PERMIT TO PRACTICE

McElhanney Ltd.

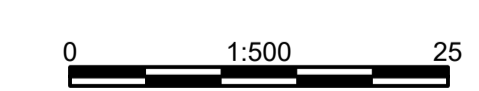
PERMIT NUMBER: 1003299

Engineers and Geoscientists of British Columbia

THIS DRAWING AND DESIGN IS THE PROPERTY OF MCELHANNNEY AND SHALL NOT BE USED, REVISED OR REPRODUCED WITHOUT THE CONSENT OF MCELHANNNEY. MCELHANNNEY WILL NOT BE HELD RESPONSIBLE FOR THE IMPROPER OR UNAUTHORIZED USE OF THIS DRAWING AND DESIGN.

THIS DRAWING AND DESIGN HAS BEEN PREPARED FOR THE CLIENT IDENTIFIED. TO MEET THE STANDARDS AND REQUIREMENTS OF THE APPLICABLE PUBLIC AGENCIES AT THE TIME OF PREPARATION. MCELHANNNEY, ITS EMPLOYEES, SUBCONSULTANTS AND AGENTS WILL NOT BE LIABLE FOR ANY LOSSES OR OTHER CONSEQUENCES RESULTING FROM THE USE OR RELIANCE UPON, OR ANY CHANGES MADE TO, THIS DRAWING BY ANY THIRD PARTY, INCLUDING CONTRACTORS, SUPPLIERS, CONSULTANTS AND STAKEHOLDERS, OR THEIR EMPLOYEES OR AGENTS, WITHOUT MCELHANNNEY'S PRIOR WRITTEN CONSENT.

INFORMATION ON EXISTING UNDERGROUND FACILITIES MAY NOT BE COMPLETE OR ACCURATE. MCELHANNNEY, ITS EMPLOYEES AND DIRECTORS ARE NOT RESPONSIBLE NOR LIABLE FOR THE LOCATION OF ANY UNDERGROUND CONDUITS, PIPES, CABLES OR OTHER FACILITIES WHETHER SHOWN OR OMITTED FROM THIS PLAN. PRIOR TO CONSTRUCTION CONTRACTOR SHALL EXPOSE LOCATIONS OF ALL EXISTING FACILITIES BY HAND DIGGING OR HYDROVAC AND ADVISE THE ENGINEER OF POTENTIAL CONFLICTS.



Edge of pavement	Hydrant	Sanitary service	Hydro Guy Wire
Watermain and valve	Water air valve	Sanitary cleanout	Hydro Kiosk
Drainage sewer, MH	Water blowoff	Utility pole(joint pole)	Vegetation Conifer
Drainage ditch	Water service	Utility pole with light	Vegetation Deciduous
Sanitary sewer, MH	Catch basin, top inlet	Streetlight, davit	Vegetation Shrub
Sanitary forcemain	Catch basin, side inlet	Streetlight, post top	Survey Traverse Hub
Gasmain and valve	Catch basin, round	Comb signal pole	Survey Iron Pin
Hydro duct, MH	Drainage service	Traffic signal pole	Survey Lead Plug
Telephone duct, MH	Drainage cleanout	Junction box	Survey Monument

No.	Date	By	Revisions	Eng.
C	2025.02.12	VP	ISSUED FOR TENDER ADDENDUM 1	AG
B	2025.01.30	MW	ISSUED FOR TENDER	AG
A	2024.12.20	MW	ISSUED FOR DETAILED DESIGN	AG

Design by: MWJ Date: 2024.12.20
 Drawn by: CA Date: 2024.12.20
 Checked by: AG Date: 2024.12.20
 Approved by: MH Date: 2024.12.20

McElhanney

Approved Sealed

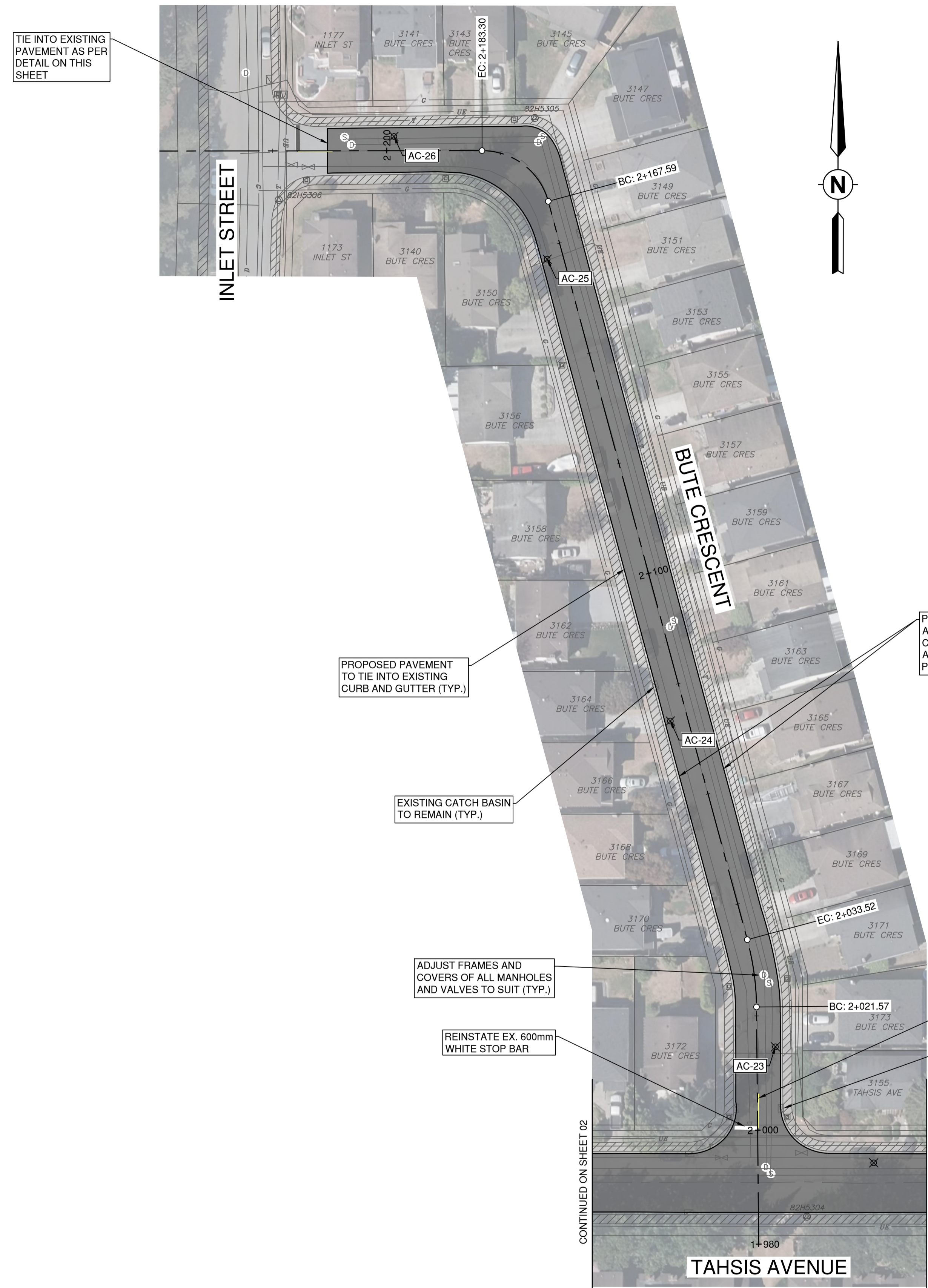
Coquitlam

Engineering & Public Works

3000 Guildford Way, Coquitlam, B.C. V3B 7N2

Scale: 1:500
 Sheet: 02 of 14
 Eng. Project No.: 2111-06533-00

Project: HORNBY AREA PAVEMENT REHABILITATION
 CITY OF COQUITLAM
 Description: TAHSIS AVENUE
 INLET STREET TO OZADA AVENUE
 File: 06533-C0-100



TIE INTO EXISTING PAVEMENT AS PER DETAIL ON THIS SHEET

PROPOSED PAVEMENT TO TIE INTO EXISTING CURB AND GUTTER (TYP.)

EXISTING CATCH BASIN TO REMAIN (TYP.)

ADJUST FRAMES AND COVERS OF ALL MANHOLES AND VALVES TO SUIT (TYP.)

REINSTATE EX. 600mm WHITE STOP BAR

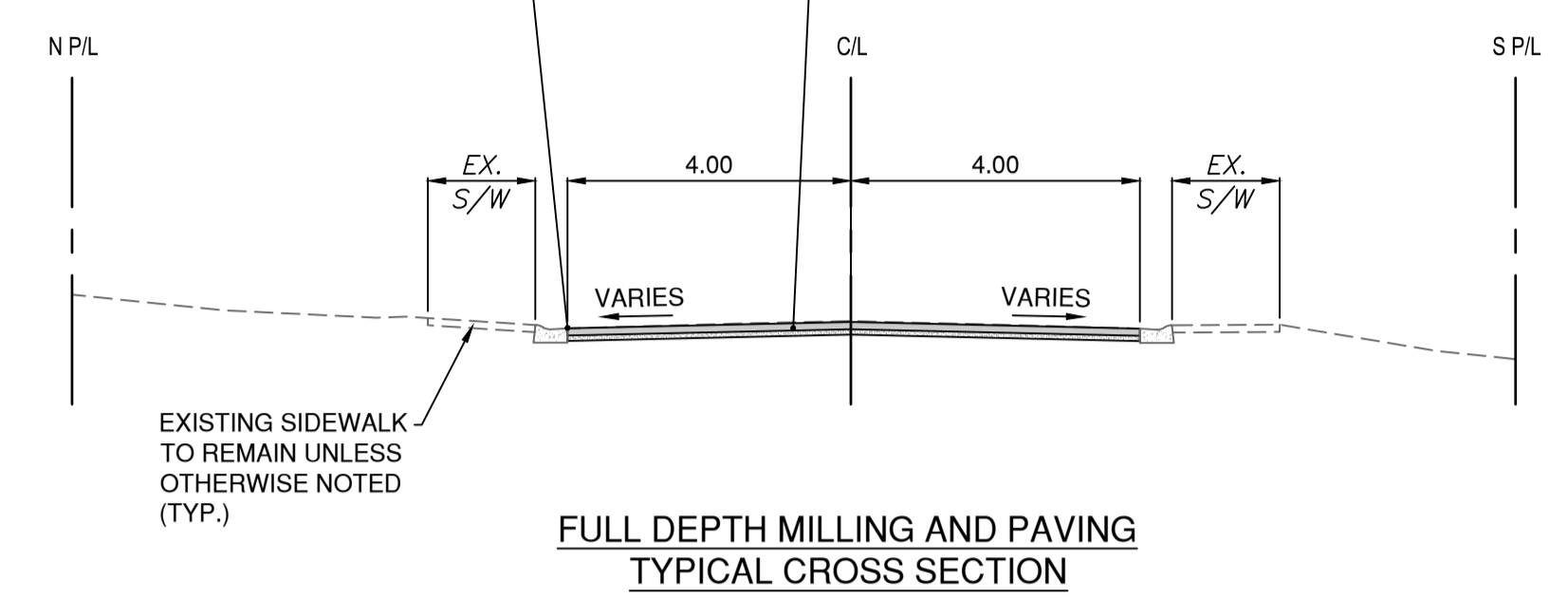
PROTECT EX. CONCRETE CURB. ALL CONCRETE FACES TO BE CLEANED OF DUST AND DEBRIS AND TACK COATED PRIOR TO PAVING (TYP.)

REINSTATE EX. 100mm SOLID YELLOW LINE

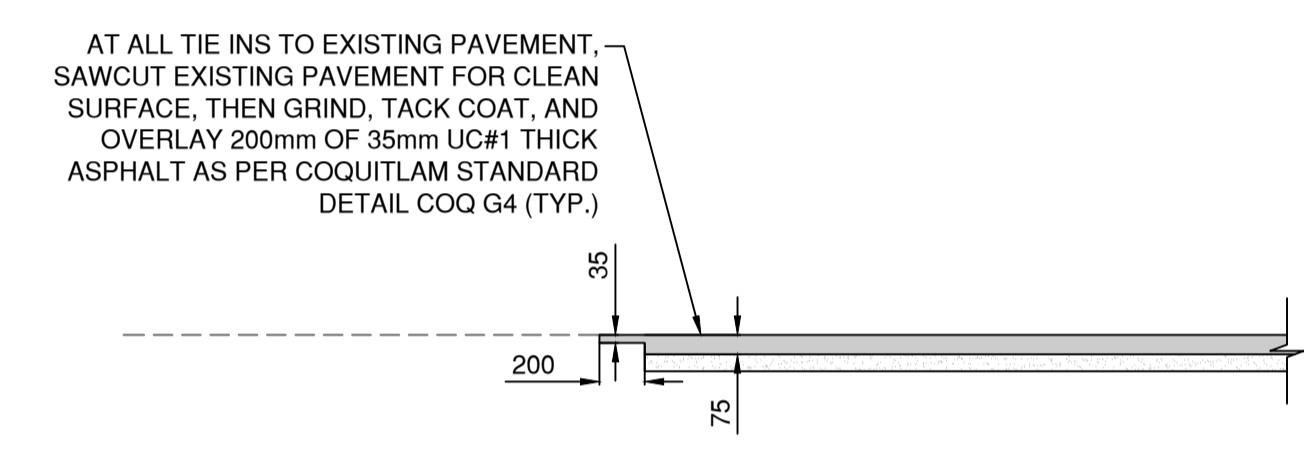
FOLLOW ESC BEST MANAGEMENT PRACTICES, INCLUDING INSTALLING SILT SOCKS AT CATCH BASINS PRIOR TO CONSTRUCTION (TYP.)

CONTRACTOR SHALL MILL AS CLOSE TO THE EX. CURB AND GUTTER AS POSSIBLE WITHOUT DAMAGING THE EX. CURB AND GUTTER. ANY REMAINING ASPHALT SHALL BE REMOVED AND REMOVAL SHALL BE INCIDENTAL TO THE MILLING OPERATION

FULL DEPTH ASPHALT MILLING (MIN 100mm). INSTALL MIN. 25mm OF 19mm MINUS CRUSHED GRANULAR BASE AND PAVE WITH 75mm THICK MMCD UC#1 (UPPER COURSE) ASPHALT ONE LIFT. CONTRACTOR TO PROOF ROLL AND REPAIR ROAD BASE STRUCTURE AS DIRECTED BY CITY INSPECTOR. WHERE DIRECTED, CONTRACTOR TO EXCAVATE EXISTING BASE AND REPLACE WITH 19mm MINUS CRUSHED GRANULAR BASE AND/OR 75mm MINUS CRUSHED GRANULAR SUBBASE AS DIRECTED BY CA (TYP.)



FULL DEPTH MILLING AND PAVING TYPICAL CROSS SECTION

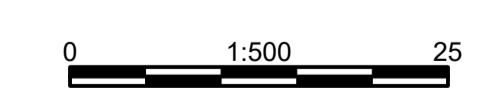


TIE-IN WITH EXISTING ROADS TYPICAL SECTION

ASPHALT CORES			
NO.	TOP LIFT	BOTTOM LIFT	TOTAL ASPHALT THICKNESS
AC-23	-	-	30mm
AC-24	-	-	45mm
AC-25	-	-	70mm
AC-26	-	-	55mm

PERMIT TO PRACTICE
McElhanney Ltd.
PERMIT NUMBER: 1003299
Engineers and Geoscientists of British Columbia

THIS DRAWING AND DESIGN IS THE PROPERTY OF McELHANNEY AND SHALL NOT BE USED, REUSED OR REPRODUCED WITHOUT THE CONSENT OF McELHANNEY. McELHANNEY WILL NOT BE HELD RESPONSIBLE FOR THE IMPROPER OR UNAUTHORIZED USE OF THIS DRAWING AND DESIGN.
THIS DRAWING AND DESIGN HAS BEEN PREPARED FOR THE CLIENT IDENTIFIED. TO MEET THE STANDARDS AND REQUIREMENTS OF THE APPLICABLE PUBLIC AGENCIES AT THE TIME OF PREPARATION. McELHANNEY, ITS EMPLOYEES, SUBCONSULTANTS AND AGENTS WILL NOT BE LIABLE FOR ANY LOSSES OR OTHER CONSEQUENCES RESULTING FROM THE USE OR RELIANCE UPON, OR ANY CHANGES MADE TO, THIS DRAWING BY ANY THIRD PARTY, INCLUDING CONTRACTORS, SUPPLIERS, CONSULTANTS AND STAKEHOLDERS, OR THEIR EMPLOYEES OR AGENTS, WITHOUT McELHANNEY'S PRIOR WRITTEN CONSENT.
INFORMATION ON EXISTING UNDERGROUND FACILITIES MAY NOT BE COMPLETE OR ACCURATE. McELHANNEY, ITS EMPLOYEES AND DIRECTORS ARE NOT RESPONSIBLE NOR LIABLE FOR THE LOCATION OF ANY UNDERGROUND CONDUITS, PIPES, CABLES OR OTHER FACILITIES WHETHER SHOWN OR OMITTED FROM THIS PLAN. PRIOR TO CONSTRUCTION CONTRACTOR SHALL EXPOSE LOCATIONS OF ALL EXISTING FACILITIES BY HAND DIGGING OR HYDROVAC AND ADVISE THE ENGINEER OF POTENTIAL CONFLICTS.



Edge of pavement	Hydrant	Sanitary service	Hydro Guy Wire
Watermain and valve	Water air valve	Sanitary cleanout	Hydro Kiosk
Drainage sewer, MH	Water blowoff	Utility pole(joint pole)	Vegetation Conifer
Drainage ditch	Water service	Utility pole with light	Vegetation Deciduous
Sanitary sewer, MH	Catch basin, top inlet	Streetlight, davit	Vegetation Shrub
Sanitary forcemain	Catch basin, side inlet	Streetlight, post top	Survey Traverse Hub
Gasmain and valve	Catch basin, round	Comb signal pole	Survey Iron Pin
Hydro duct, MH	Drainage service	Traffic signal pole	Survey Lead Plug
Telephone duct, MH	Drainage cleanout	Junction box	Survey Monument

No.	Date	By	Revisions	Eng.
C	2025.02.12	VP	ISSUED FOR TENDER ADDENDUM 1	AG
B	2025.01.30	MW	ISSUED FOR TENDER	AG
A	2024.12.20	MW	ISSUED FOR DETAILED DESIGN	AG

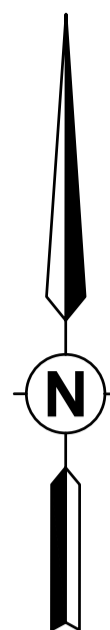
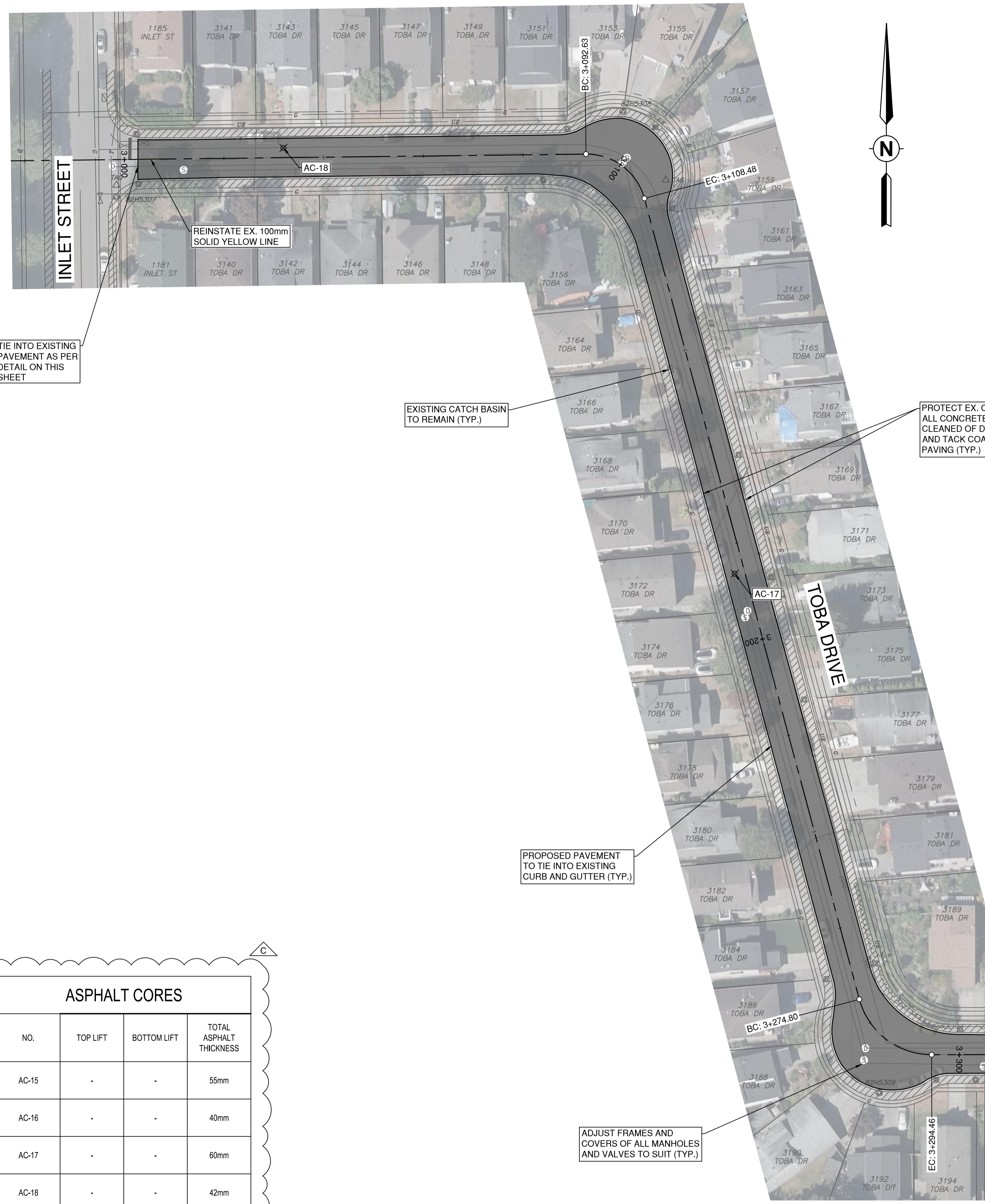
Design by MWJ Date 2024.12.20
 Drawn by CA Date 2024.12.20
 Checked by AG Date 2024.12.20
 Approved by MH Date 2024.12.20

Approved Sealed

Engineering & Public Works
3000 Guildford Way, Coquitlam, B.C. V3B 7N2

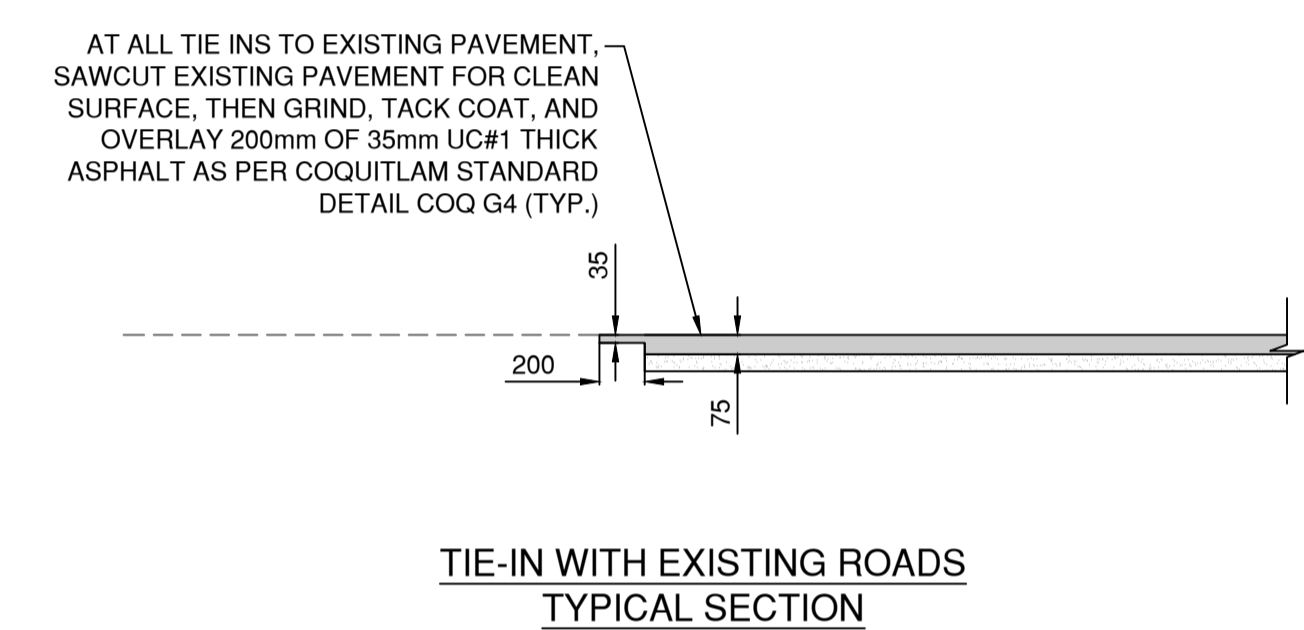
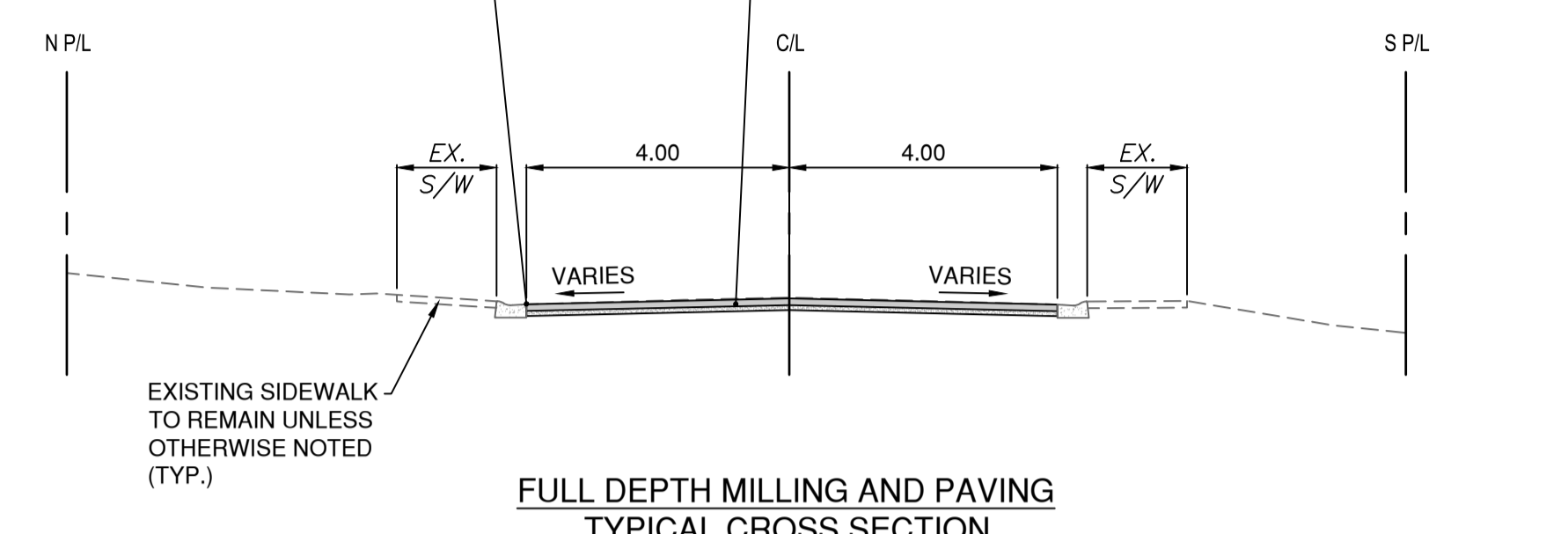
Scale horiz. 1:500 Scale vert. 14
 Sheet 03 of 14
 Eng. Project No. 2111-06533-00

Project HORNBY AREA PAVEMENT REHABILITATION
 CITY OF COQUITLAM
 Description BUTE CRESCENT
 TAHISIS AVENUE TO INLET STREET
 File: 06533-C0-100



CONTRACTOR SHALL MILL AS CLOSE TO THE EX. CURB AND GUTTER AS POSSIBLE WITHOUT DAMAGING THE EX. CURB AND GUTTER. ANY REMAINING ASPHALT SHALL BE REMOVED AND REMOVAL SHALL BE INCIDENTAL TO THE MILLING OPERATION

FULL DEPTH ASPHALT MILLING (MIN 100mm). INSTALL MIN. 25mm OF 19mm MINUS CRUSHED GRANULAR BASE AND PAVE WITH 75mm THICK MMCD UC#1 (UPPER COURSE) ASPHALT ONE LIFT. CONTRACTOR TO PROOF ROLL AND REPAIR ROAD BASE STRUCTURE AS DIRECTED BY CITY INSPECTOR. WHERE DIRECTED, CONTRACTOR TO EXCAVATE EXISTING BASE AND REPLACE WITH 19mm MINUS CRUSHED GRANULAR BASE AND/OR 75mm MINUS CRUSHED GRANULAR SUBBASE AS DIRECTED BY CA (TYP.)



TIE INTO EXISTING PAVEMENT AS PER DETAIL ON THIS SHEET

EXISTING CATCH BASIN TO REMAIN (TYP.)

PROTECT EX. CONCRETE CURB. ALL CONCRETE FACES TO BE CLEANED OF DUST AND DEBRIS AND TACK COATED PRIOR TO PAVING (TYP.)

PROPOSED PAVEMENT TO TIE INTO EXISTING CURB AND GUTTER (TYP.)

FOLLOW ESC BEST MANAGEMENT PRACTICES, INCLUDING INSTALLING SILT SOCKS AT CATCH BASINS PRIOR TO CONSTRUCTION (TYP.)

ASPHALT CORES

NO.	TOP LIFT	BOTTOM LIFT	TOTAL ASPHALT THICKNESS
AC-15	-	-	55mm
AC-16	-	-	40mm
AC-17	-	-	60mm
AC-18	-	-	42mm

PERMIT TO PRACTICE

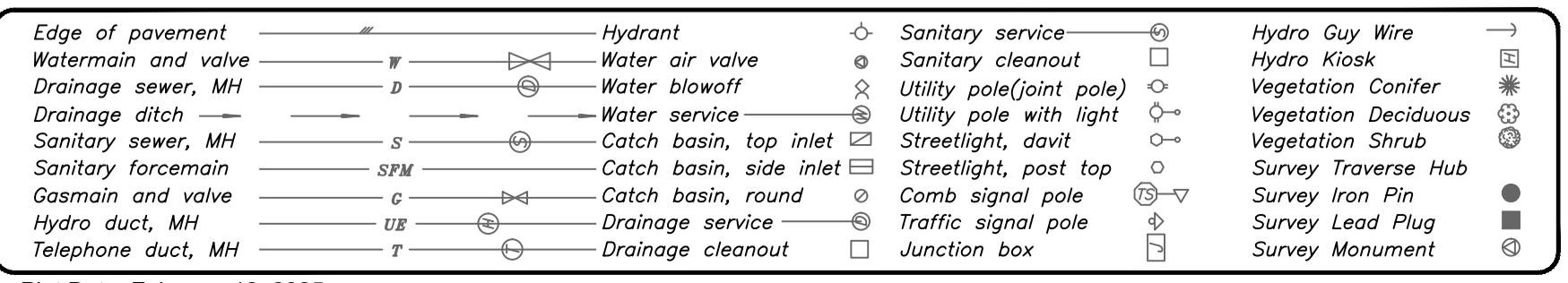
McElhanney Ltd.
PERMIT NUMBER: 1003299

Engineers and Geoscientists of British Columbia

THIS DRAWING AND DESIGN IS THE PROPERTY OF McELHANNEY AND SHALL NOT BE USED, REUSED OR REPRODUCED WITHOUT THE CONSENT OF McELHANNEY. McELHANNEY WILL NOT BE HELD RESPONSIBLE FOR THE IMPROPER OR UNAUTHORIZED USE OF THIS DRAWING AND DESIGN.

THIS DRAWING AND DESIGN HAS BEEN PREPARED FOR THE CLIENT IDENTIFIED. TO MEET THE STANDARDS AND REQUIREMENTS OF THE APPLICABLE PUBLIC AGENCIES AT THE TIME OF PREPARATION. McELHANNEY, ITS EMPLOYEES, SUBCONSULTANTS AND AGENTS WILL NOT BE LIABLE FOR ANY LOSSES OR OTHER CONSEQUENCES RESULTING FROM THE USE OR RELIANCE UPON, OR ANY CHANGES MADE TO, THIS DRAWING BY ANY THIRD PARTY, INCLUDING CONTRACTORS, SUPPLIERS, CONSULTANTS AND STAKEHOLDERS, OR THEIR EMPLOYEES OR AGENTS, WITHOUT McELHANNEY'S PRIOR WRITTEN CONSENT.

INFORMATION ON EXISTING UNDERGROUND FACILITIES MAY NOT BE COMPLETE OR ACCURATE. McELHANNEY, ITS EMPLOYEES AND DIRECTORS ARE NOT RESPONSIBLE NOR LIABLE FOR THE LOCATION OF ANY UNDERGROUND CONDUITS, PIPES, CABLES OR OTHER FACILITIES WHETHER SHOWN OR OMITTED FROM THIS PLAN. PRIOR TO CONSTRUCTION CONTRACTOR SHALL EXPOSE LOCATIONS OF ALL EXISTING FACILITIES BY HAND DIGGING OR HYDROVAC AND ADVISE THE ENGINEER OF POTENTIAL CONFLICTS.



No.	Date	By	Revisions	Eng.
C	2025.02.12	VP	ISSUED FOR TENDER ADDENDUM 1	AG
B	2025.01.30	MW	ISSUED FOR TENDER	AG
A	2024.12.20	MW	ISSUED FOR DETAILED DESIGN	AG

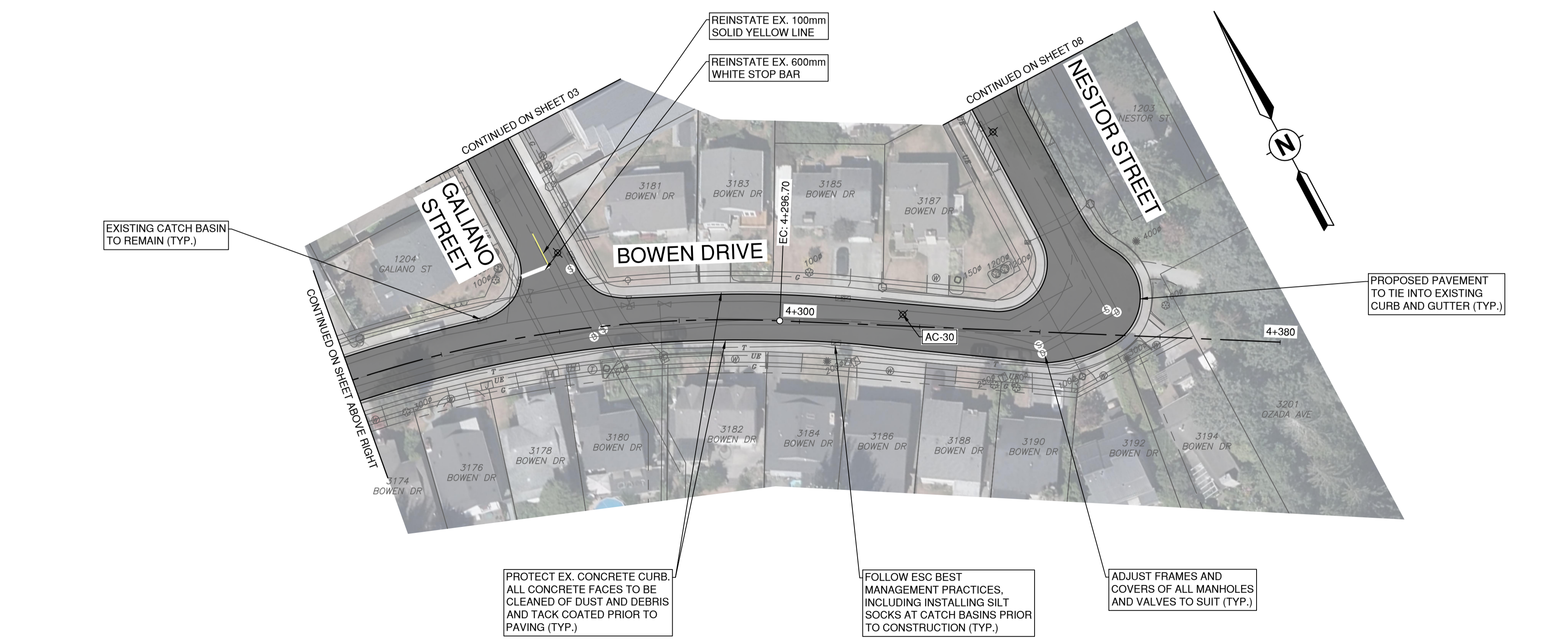
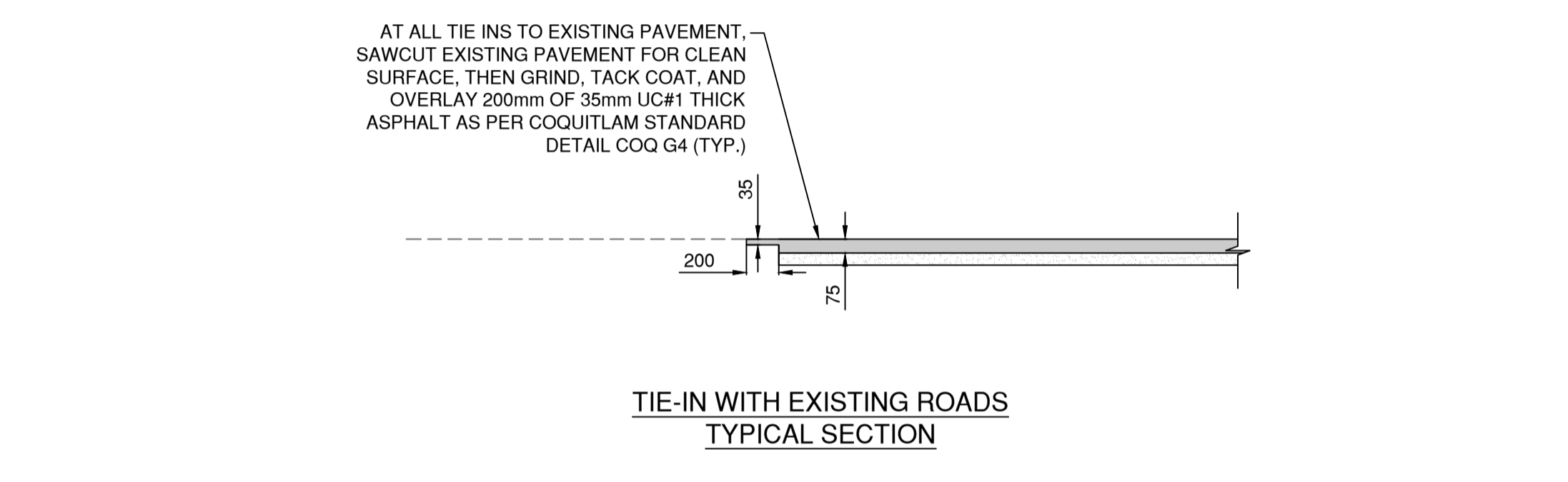
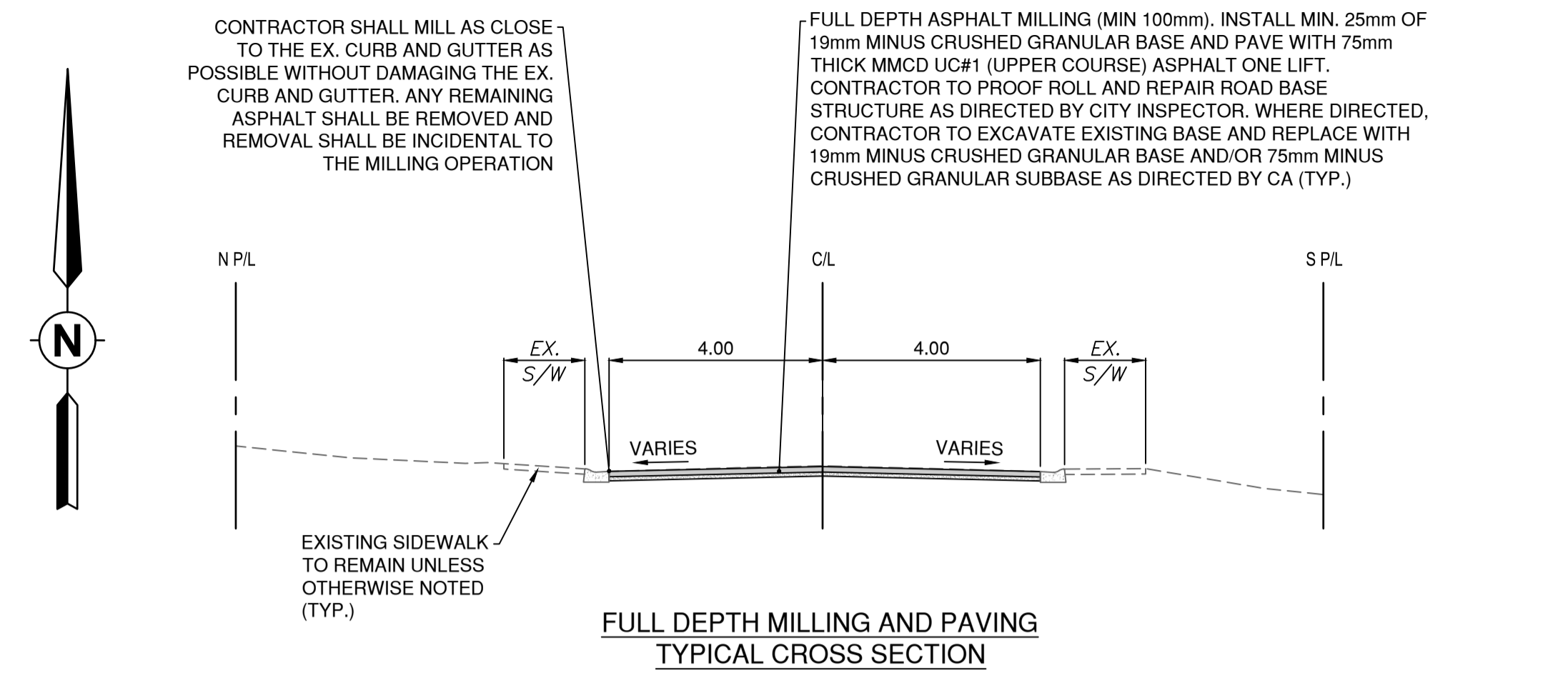
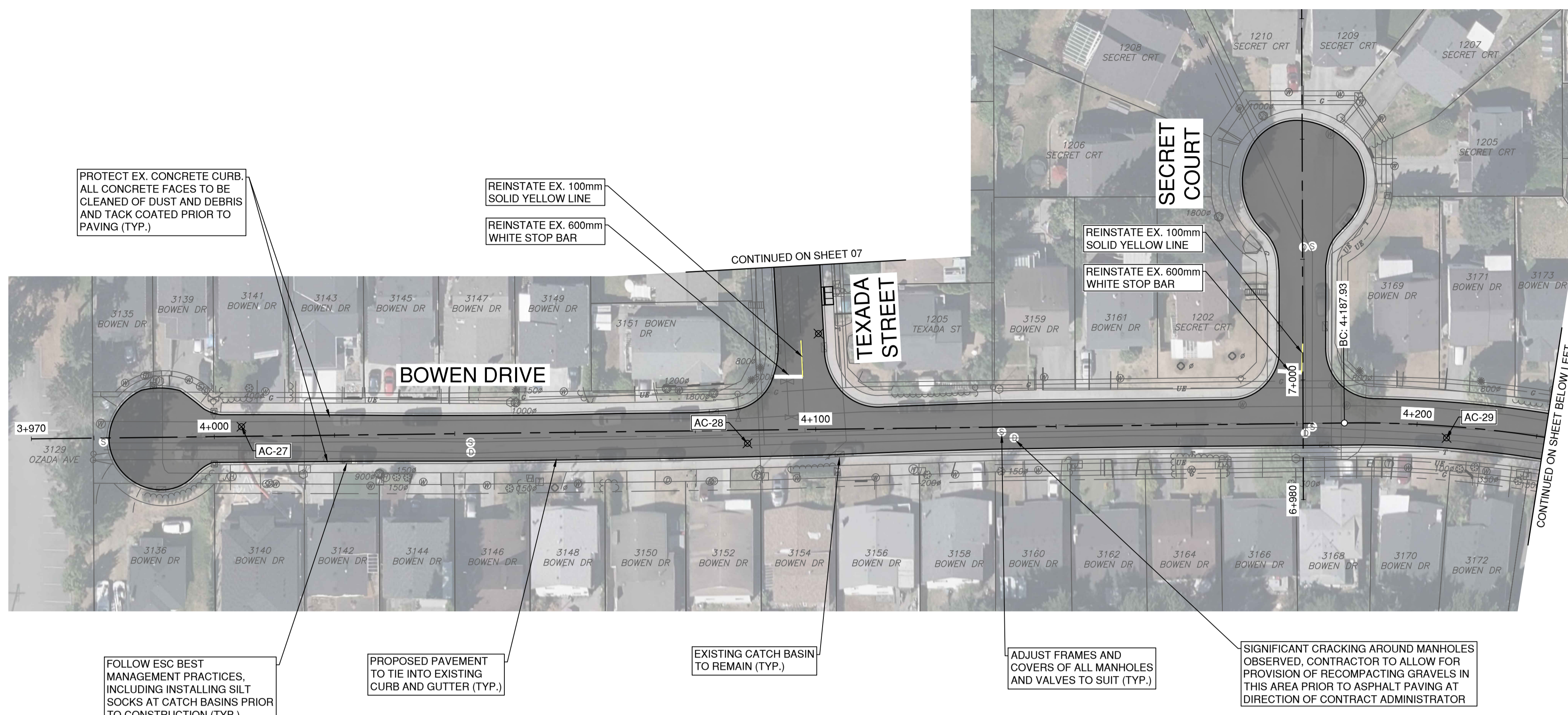
Design by: MWJ Date: 2024.12.20
 Drawn by: CA Date: 2024.12.20
 Checked by: AG Date: 2024.12.20
 Approved by: MH Date: 2024.12.20

McElhanney

Coquitlam
 Engineering & Public Works
 3000 Guildford Way, Coquitlam, B.C. V3B 7N2

Scale horiz. **1:500** Scale vert. _____
 Sheet **04** of **14**
 Eng. Project No. **2111-06533-00**

Project **HORNBY AREA PAVEMENT REHABILITATION CITY OF COQUITLAM**
 Description **TOBA DRIVE**
 ESPERANZA DRIVE TO INLET STREET
 File: 06533-C0-100



ASPHALT CORES			
NO.	TOP LIFT	BOTTOM LIFT	TOTAL ASPHALT THICKNESS
AC-27	-	-	45mm
AC-28	-	-	40mm
AC-29	-	-	40mm
AC-30	-	-	35mm

PERMIT TO PRACTICE

McElhanney Ltd.

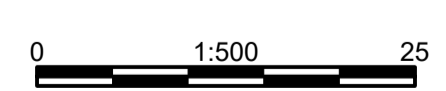
PERMIT NUMBER: 1003299

Engineers and Geoscientists of British Columbia

THIS DRAWING AND DESIGN IS THE PROPERTY OF McELHANNEY AND SHALL NOT BE USED, REVISED OR REPRODUCED WITHOUT THE CONSENT OF McELHANNEY. McELHANNEY WILL NOT BE HELD RESPONSIBLE FOR THE IMPROPER OR UNAUTHORIZED USE OF THIS DRAWING AND DESIGN.

THIS DRAWING AND DESIGN HAS BEEN PREPARED FOR THE CLIENT IDENTIFIED. TO MEET THE STANDARDS AND REQUIREMENTS OF THE APPLICABLE PUBLIC AGENCIES AT THE TIME OF PREPARATION. McELHANNEY, ITS EMPLOYEES, SUBCONSULTANTS AND AGENTS WILL NOT BE LIABLE FOR ANY LOSSES OR OTHER CONSEQUENCES RESULTING FROM THE USE OR RELIANCE UPON, OR ANY CHANGES MADE TO, THIS DRAWING BY ANY THIRD PARTY, INCLUDING CONTRACTORS, SUPPLIERS, CONSULTANTS AND STAKEHOLDERS, OR THEIR EMPLOYEES OR AGENTS, WITHOUT McELHANNEY'S PRIOR WRITTEN CONSENT.

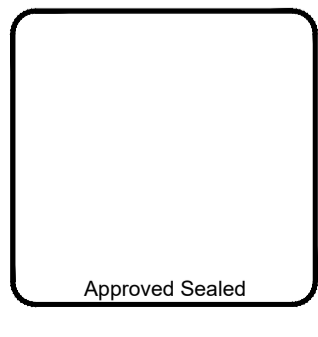
INFORMATION ON EXISTING UNDERGROUND FACILITIES MAY NOT BE COMPLETE OR ACCURATE. McELHANNEY, ITS EMPLOYEES AND DIRECTORS ARE NOT RESPONSIBLE NOR LIABLE FOR THE LOCATION OF ANY UNDERGROUND CONDUITS, PIPES, CABLES OR OTHER FACILITIES WHETHER SHOWN OR OMITTED FROM THIS PLAN. PRIOR TO CONSTRUCTION CONTRACTOR SHALL EXPOSE LOCATIONS OF ALL EXISTING FACILITIES BY HAND DIGGING OR HYDROVAC AND ADVISE THE ENGINEER OF POTENTIAL CONFLICTS.



Edge of pavement	Hydrant	Sanitary service	Hydro Guy Wire
Watermain and valve	Water air valve	Sanitary cleanout	Hydro Kiosk
Drainage sewer, MH	Water blowoff	Utility pole (joint pole)	Vegetation Conifer
Drainage ditch	Water service	Utility pole with light	Vegetation Deciduous
Sanitary sewer, MH	Catch basin, top inlet	Streetlight, davit	Vegetation Shrub
Sanitary forcemain	Catch basin, side inlet	Streetlight, post top	Survey Traverse Hub
Gasmain and valve	Catch basin, round	Comb signal pole	Survey Iron Pin
Hydro duct, MH	Drainage service	Traffic signal pole	Survey Lead Plug
Telephone duct, MH	Drainage cleanout	Junction box	Survey Monument

No.	Date	By	Revisions
C	2025.02.12	VP	ISSUED FOR TENDER ADDENDUM 1
B	2025.01.30	MW	ISSUED FOR TENDER
A	2024.12.20	MW	ISSUED FOR DETAILED DESIGN

Design by	Date	2024.12.20
MWJ		
Drawn by	Date	2024.12.20
CA		
Checked by	Date	2024.12.20
AG		
Approved by	Date	2024.12.20
MH		



Scale horiz. 1:500 Scale vert. _____

Sheet 05 of 14

Eng. Project No. 2111-06533-00

Project **HORNBY AREA PAVEMENT REHABILITATION**
CITY OF COQUITLAM

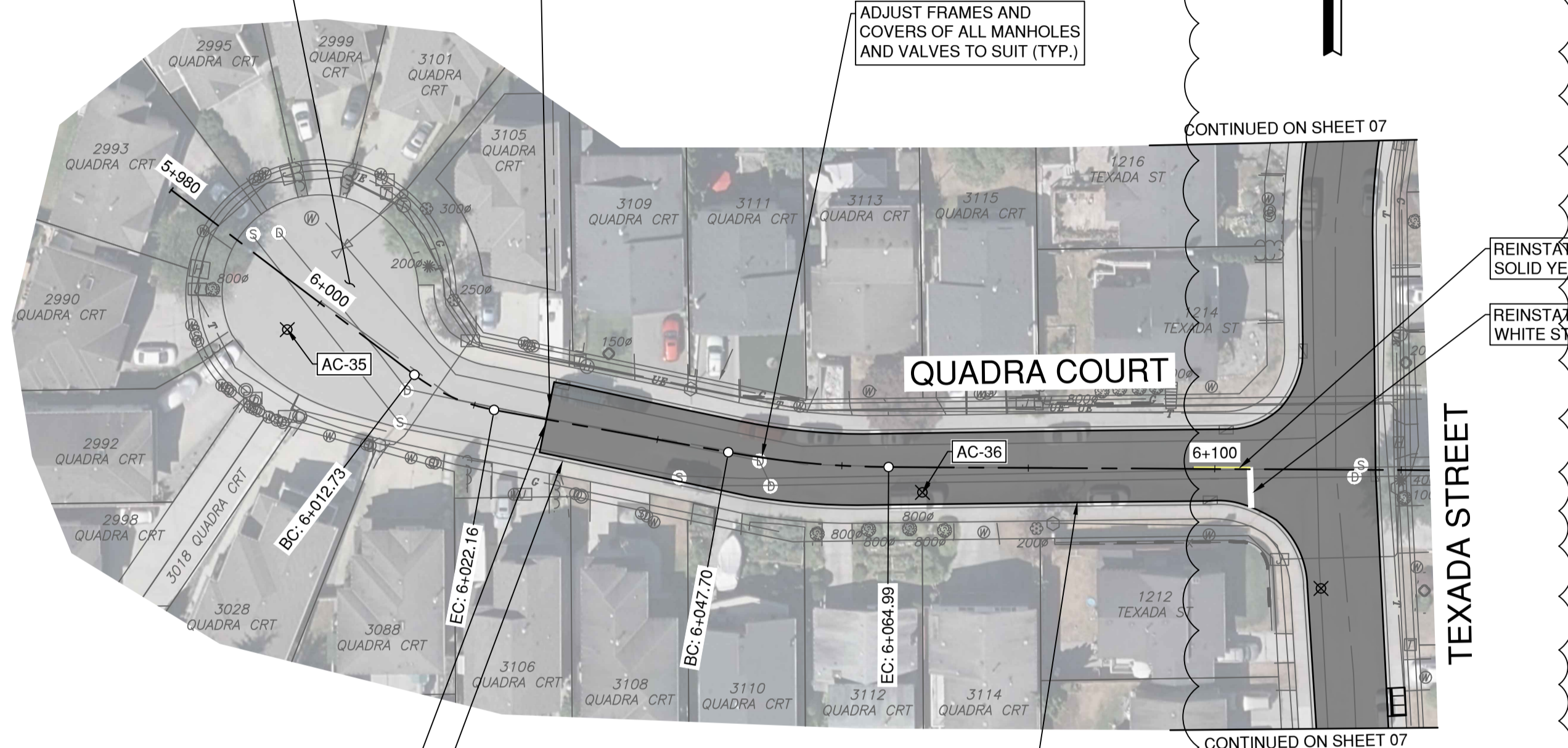
Description **BOWEN DRIVE AND SECRET COURT**
WEST END TO NESTOR STREET

File: 06533-C0-100

CONTRACTOR TO PAVE UP TO ASPHALT JOINT FRONTING 3106 QUADRA COURT.

AS DETERMINED IN WALKTHROUGH WITH CITY, PAVEMENT LOOKS TO BE IN GOOD CONDITION. ANY CRACKING OUTSIDE OF PAVING AREA ON QUADRA COURT TO BE SEALED BY CONTRACTOR

ADJUST FRAMES AND COVERS OF ALL MANHOLES AND VALVES TO SUIT (TYP.)



CONTINUED ON SHEET 07

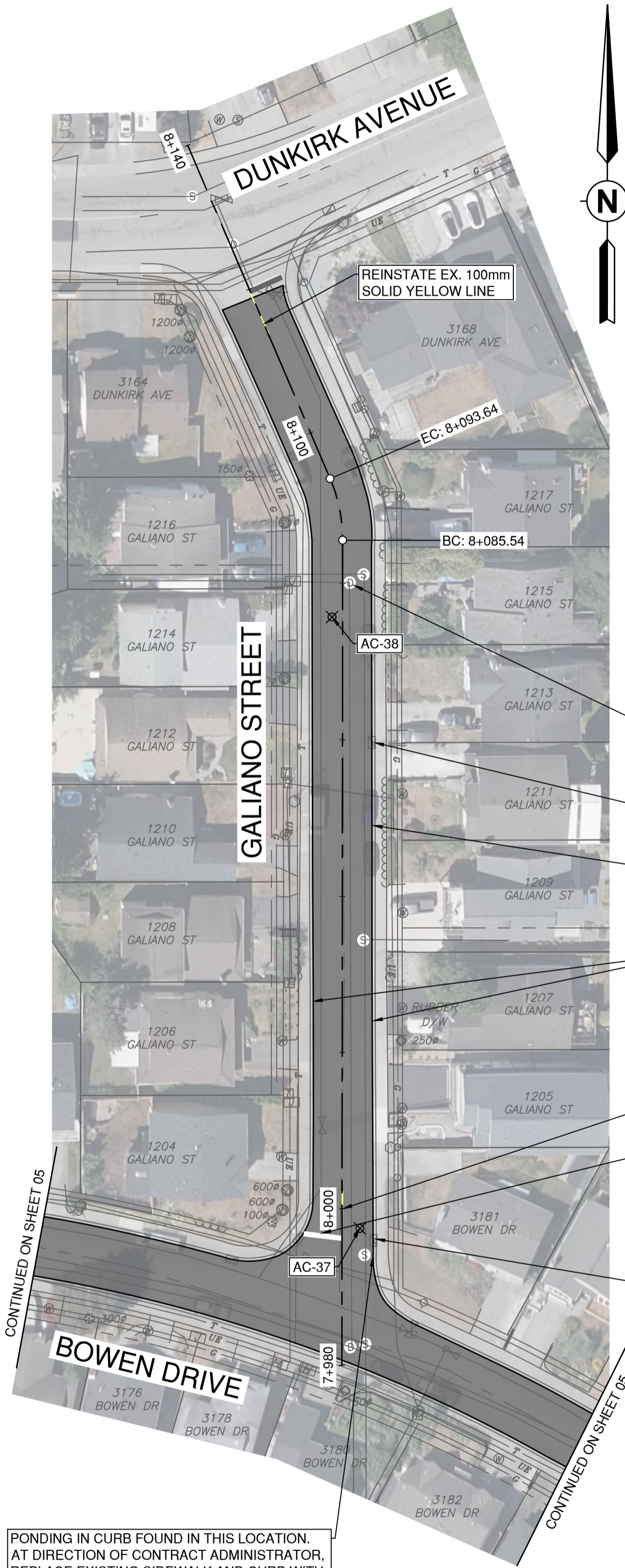
CONTINUED ON SHEET 07

TIE INTO EXISTING PAVEMENT AS PER DETAIL ON THIS SHEET

FOLLOW ESC BEST MANAGEMENT PRACTICES, INCLUDING INSTALLING SILT SOCKS AT CATCH BASINS PRIOR TO CONSTRUCTION (TYP.)

PROPOSED PAVEMENT TO TIE INTO EXISTING CURB AND GUTTER (TYP.)

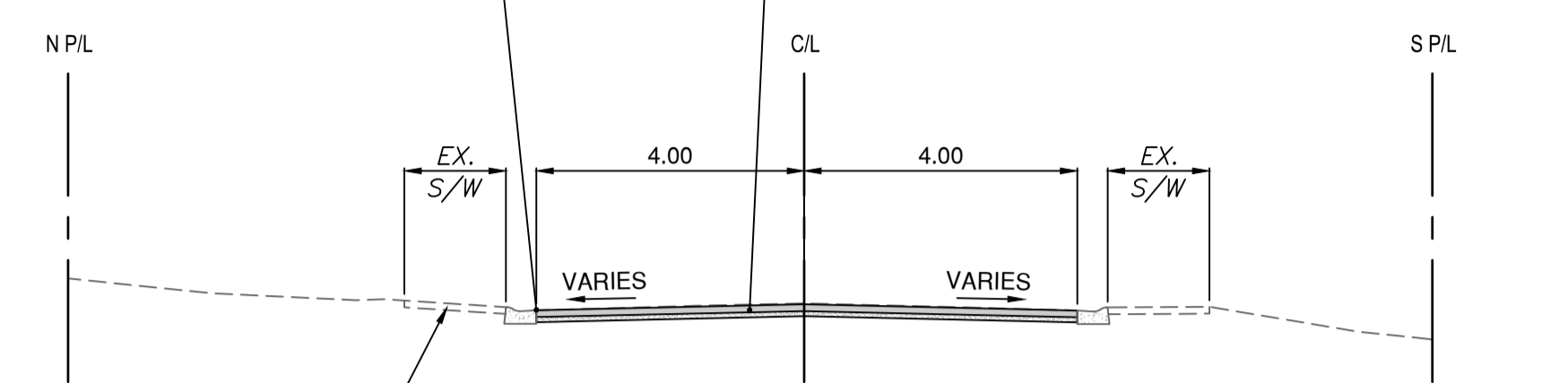
REINSTATE EX. 100mm SOLID YELLOW LINE
REINSTATE EX. 600mm WHITE STOP BAR



PONDING IN CURB FOUND IN THIS LOCATION. AT DIRECTION OF CONTRACT ADMINISTRATOR, REPLACE EXISTING SIDEWALK AND CURB WITH 100mm THICK CONCRETE SIDEWALK AND MMCD C5 ROLLOVER CURB AND ENSURE POSITIVE DRAINAGE TO NEAREST CATCH BASIN

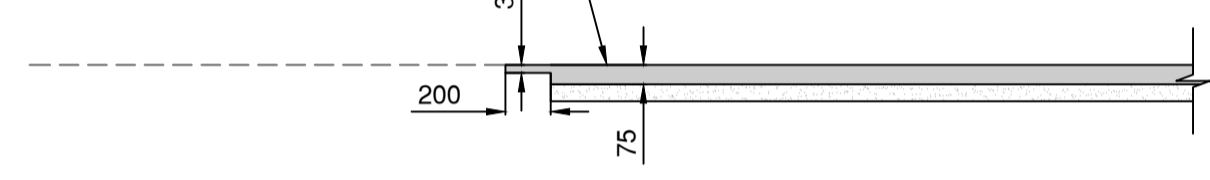
CONTRACTOR SHALL MILL AS CLOSE TO THE EX. CURB AND GUTTER AS POSSIBLE WITHOUT DAMAGING THE EX. CURB AND GUTTER. ANY REMAINING ASPHALT SHALL BE REMOVED AND REMOVAL SHALL BE INCIDENTAL TO THE MILLING OPERATION

FULL DEPTH ASPHALT MILLING (MIN 100mm). INSTALL MIN. 25mm OF 19mm MINUS CRUSHED GRANULAR BASE AND PAVE WITH 75mm THICK MMCD UC#1 (UPPER COURSE) ASPHALT ONE LIFT. CONTRACTOR TO PROOF ROLL AND REPAIR ROAD BASE STRUCTURE AS DIRECTED BY CITY INSPECTOR. WHERE DIRECTED, CONTRACTOR TO EXCAVATE EXISTING BASE AND REPLACE WITH 19mm MINUS CRUSHED GRANULAR BASE AND/OR 75mm MINUS CRUSHED GRANULAR SUBBASE AS DIRECTED BY CA (TYP.)



FULL DEPTH MILLING AND PAVING TYPICAL CROSS SECTION

AT ALL TIE INS TO EXISTING PAVEMENT, SAWCUT EXISTING PAVEMENT FOR CLEAN SURFACE, THEN GRIND, TACK COAT, AND OVERLAY 200mm OF 35mm UC#1 THICK ASPHALT AS PER COQUITLAM STANDARD DETAIL COQ G4 (TYP.)



TIE-IN WITH EXISTING ROADS TYPICAL SECTION

ADJUST FRAMES AND COVERS OF ALL MANHOLES AND VALVES TO SUIT (TYP.)

EXISTING CATCH BASIN TO REMAIN (TYP.)

PROPOSED PAVEMENT TO TIE INTO EXISTING CURB AND GUTTER (TYP.)

PROTECT EX. CONCRETE CURB. ALL CONCRETE FACES TO BE CLEANED OF DUST AND DEBRIS AND TACK COATED PRIOR TO PAVING (TYP.)

REINSTATE EX. 100mm SOLID YELLOW LINE

REINSTATE EX. 600mm WHITE STOP BAR

FOLLOW ESC BEST MANAGEMENT PRACTICES, INCLUDING INSTALLING SILT SOCKS AT CATCH BASINS PRIOR TO CONSTRUCTION (TYP.)

ASPHALT CORES

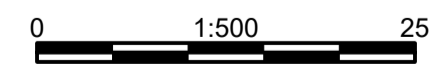
NO.	TOP LIFT	BOTTOM LIFT	TOTAL ASPHALT THICKNESS
AC-35	40	45	85mm
AC-36	-	-	35mm
AC-37	-	-	63mm
AC-38	-	-	25mm

PERMIT TO PRACTICE

McElhanney Ltd.
PERMIT NUMBER: 1003299

Engineers and Geoscientists of British Columbia

THIS DRAWING AND DESIGN IS THE PROPERTY OF McELHANNEY AND SHALL NOT BE USED, REUSED OR REPRODUCED WITHOUT THE CONSENT OF McELHANNEY. McELHANNEY WILL NOT BE HELD RESPONSIBLE FOR THE IMPROPER OR UNAUTHORIZED USE OF THIS DRAWING AND DESIGN.
THIS DRAWING AND DESIGN HAS BEEN PREPARED FOR THE CLIENT IDENTIFIED. TO MEET THE STANDARDS AND REQUIREMENTS OF THE APPLICABLE PUBLIC AGENCIES AT THE TIME OF PREPARATION. McELHANNEY, ITS EMPLOYEES, SUBCONSULTANTS AND AGENTS WILL NOT BE LIABLE FOR ANY LOSSES OR OTHER CONSEQUENCES RESULTING FROM THE USE OR RELIANCE UPON, OR ANY CHANGES MADE TO, THIS DRAWING BY ANY THIRD PARTY, INCLUDING CONTRACTORS, SUPPLIERS, CONSULTANTS AND STAKEHOLDERS, OR THEIR EMPLOYEES OR AGENTS, WITHOUT McELHANNEY'S PRIOR WRITTEN CONSENT.
INFORMATION ON EXISTING UNDERGROUND FACILITIES MAY NOT BE COMPLETE OR ACCURATE. McELHANNEY, ITS EMPLOYEES AND DIRECTORS ARE NOT RESPONSIBLE NOR LIABLE FOR THE LOCATION OF ANY UNDERGROUND CONDUITS, PIPES, CABLES OR OTHER FACILITIES WHETHER SHOWN OR OMITTED FROM THIS PLAN. PRIOR TO CONSTRUCTION CONTRACTOR SHALL EXPOSE LOCATIONS OF ALL EXISTING FACILITIES BY HAND DIGGING OR HYDROVAC AND ADVISE THE ENGINEER OF POTENTIAL CONFLICTS.



Edge of pavement	Hydrant	Sanitary service	Hydro Guy Wire
Watermain and valve	Water air valve	Sanitary cleanout	Hydro Kiosk
Drainage sewer, MH	Water blowoff	Utility pole (joint pole)	Vegetation Conifer
Drainage ditch	Water service	Utility pole with light	Vegetation Deciduous
Sanitary sewer, MH	Catch basin, top inlet	Streetlight, davit	Vegetation Shrub
Sanitary forcemain	Catch basin, side inlet	Streetlight, post top	Survey Traverse Hub
Gasmain and valve	Catch basin, round	Comb signal pole	Survey Iron Pin
Hydro duct, MH	Drainage service	Traffic signal pole	Survey Lead Plug
Telephone duct, MH	Drainage cleanout	Junction box	Survey Monument

No.	Date	By	Revisions	Eng.
C	2025.02.12	VP	ISSUED FOR TENDER ADDENDUM 1	AG
B	2025.01.30	MW	ISSUED FOR TENDER	AG
A	2024.12.20	MW	ISSUED FOR DETAILED DESIGN	AG

Design by: MWJ Date: 2024.12.20
 Drawn by: CA Date: 2024.12.20
 Checked by: AG Date: 2024.12.20
 Approved by: MH Date: 2024.12.20

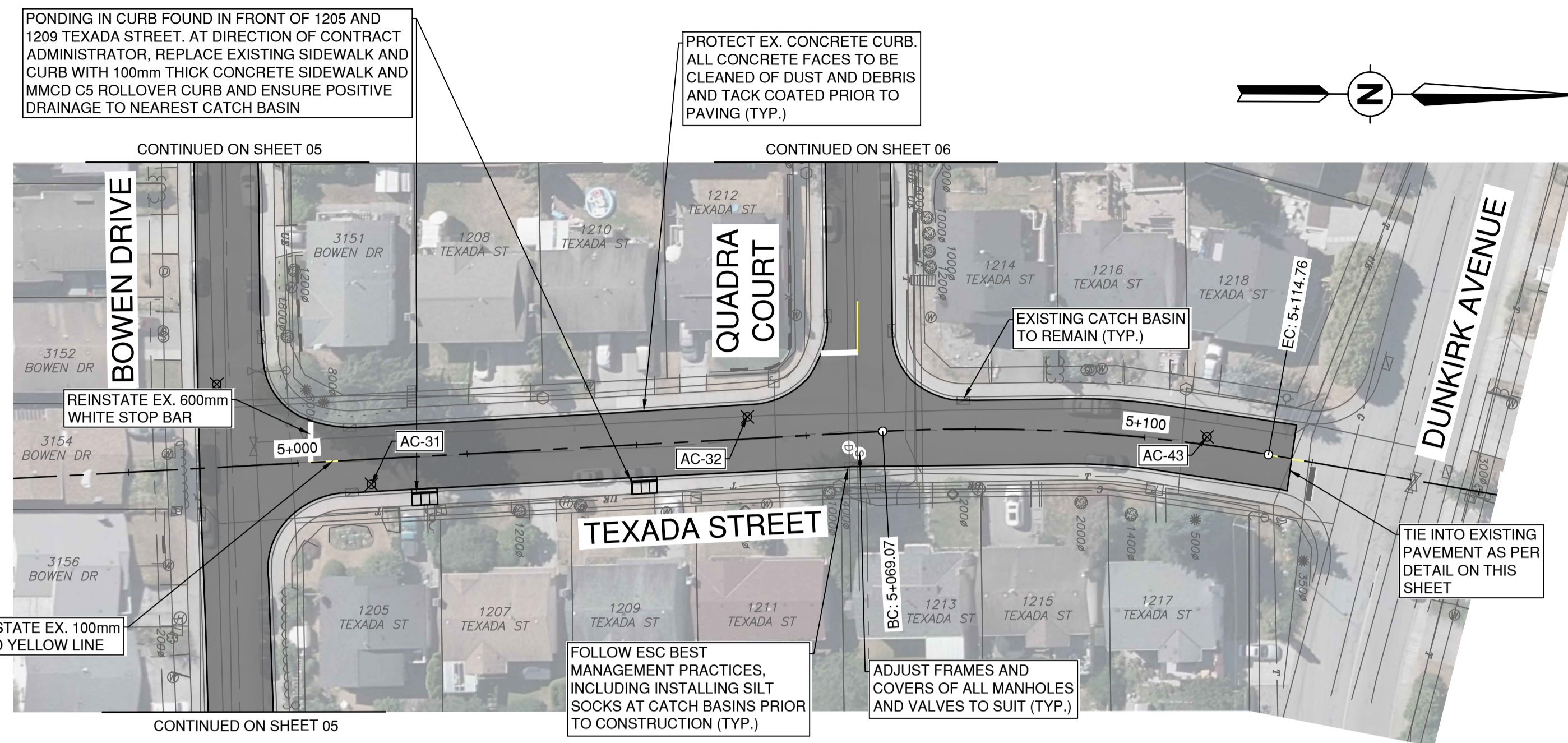
McElhanney

Approved Sealed

Coquitlam
 Engineering & Public Works
 3000 Guildford Way, Coquitlam, B.C. V3B 7N2

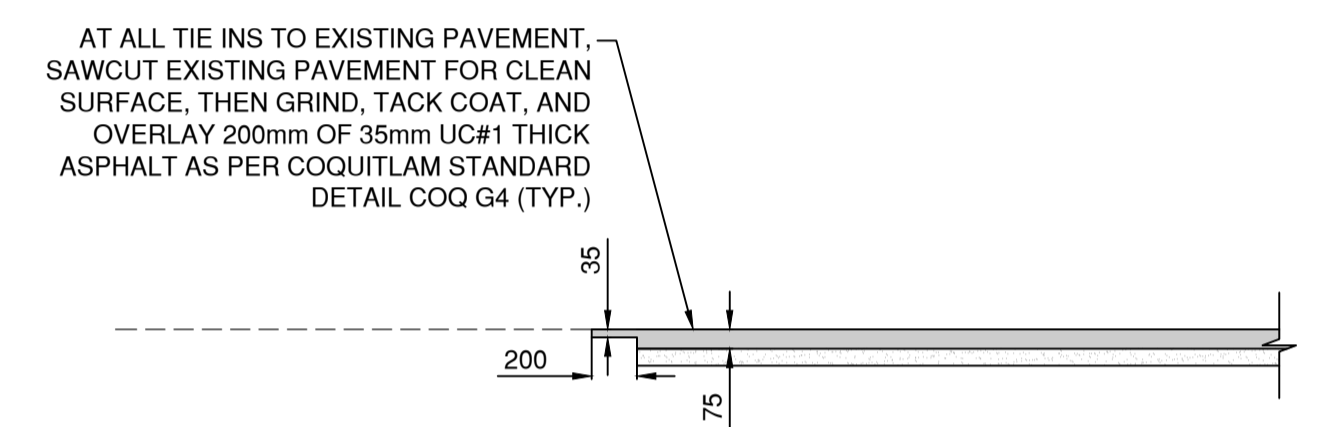
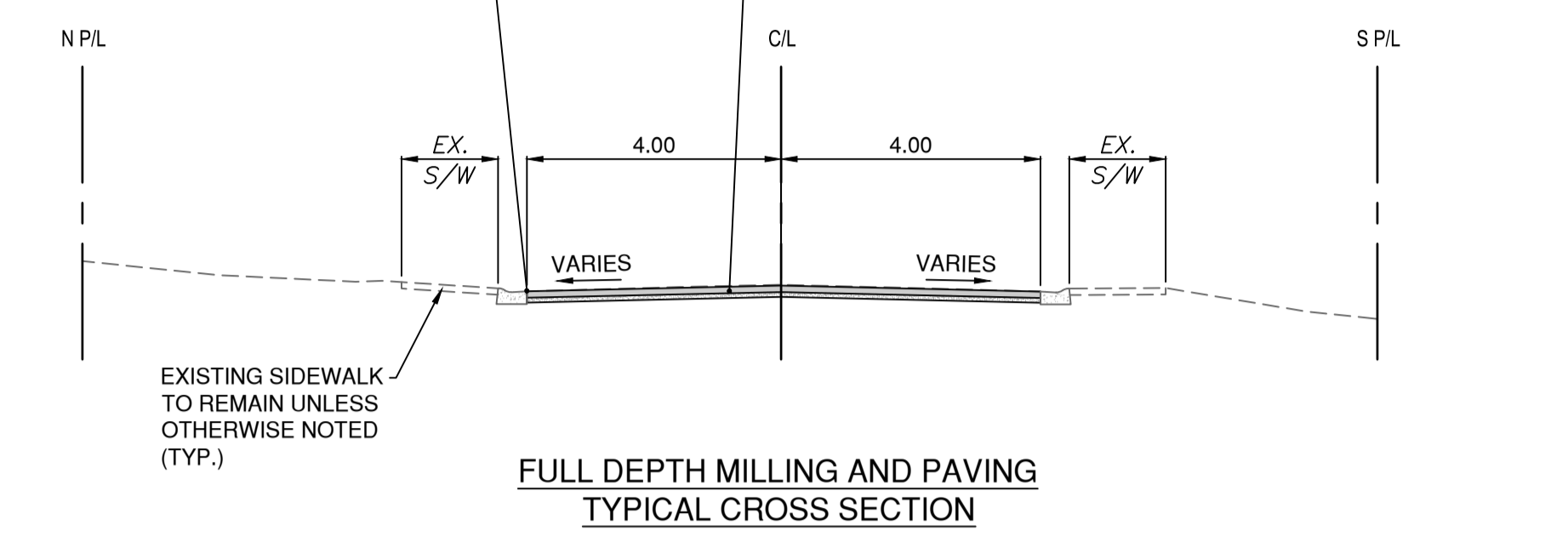
Scale: 1:500
 Sheet: 06 of 14
 Eng. Project No. 2111-06533-00

Project: HORNBY AREA PAVEMENT REHABILITATION
 CITY OF COQUITLAM
 Description: QUADRA COURT AND GALIANO STREET
 BOWEN DRIVE TO DUNKIRK AVENUE
 File: 06533-C0-100

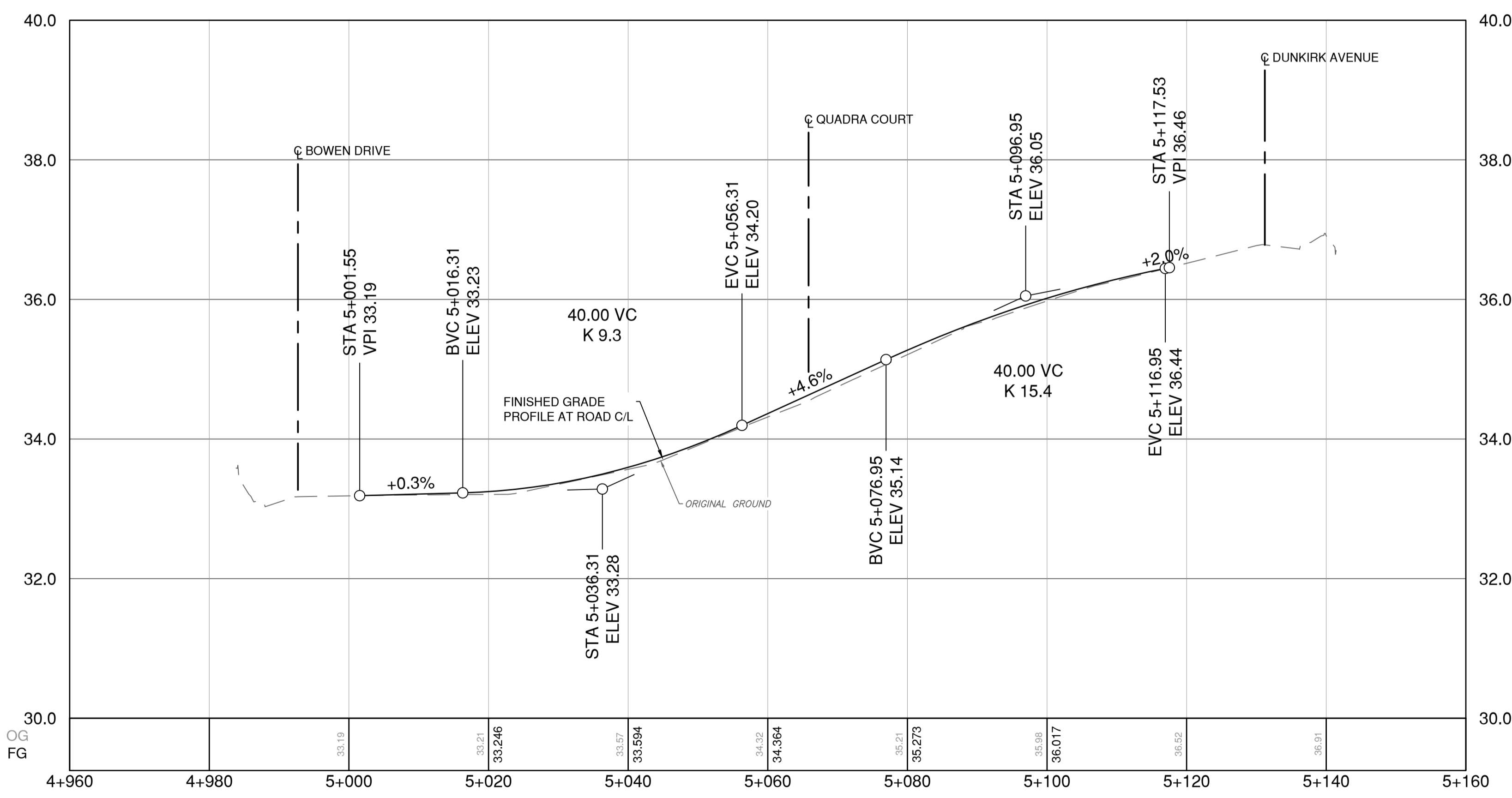


CONTRACTOR SHALL MILL AS CLOSE TO THE EX. CURB AND GUTTER AS POSSIBLE WITHOUT DAMAGING THE EX. CURB AND GUTTER. ANY REMAINING ASPHALT SHALL BE REMOVED AND REMOVAL SHALL BE INCIDENTAL TO THE MILLING OPERATION

FULL DEPTH ASPHALT MILLING (MIN 100mm). INSTALL MIN. 25mm OF 19mm MINUS CRUSHED GRANULAR BASE AND PAVE WITH 75mm THICK MMCD UC#1 (UPPER COURSE) ASPHALT ONE LIFT. CONTRACTOR TO PROOF ROLL AND REPAIR ROAD BASE STRUCTURE AS DIRECTED BY CITY INSPECTOR. WHERE DIRECTED, CONTRACTOR TO EXCAVATE EXISTING BASE AND REPLACE WITH 19mm MINUS CRUSHED GRANULAR BASE AND/OR 75mm MINUS CRUSHED GRANULAR SUBBASE AS DIRECTED BY CA (TYP.)



TIE-IN WITH EXISTING ROADS TYPICAL SECTION



ASPHALT CORES			
NO.	TOP LIFT	BOTTOM LIFT	TOTAL ASPHALT THICKNESS
AC-31	-	-	40mm
AC-32	-	-	50mm
AC-33	-	-	20mm

PERMIT TO PRACTICE

McElhanney Ltd.

PERMIT NUMBER: 1003299

Engineers and Geoscientists of British Columbia

THIS DRAWING AND DESIGN IS THE PROPERTY OF McELHANNEY AND SHALL NOT BE USED, REUSED OR REPRODUCED WITHOUT THE CONSENT OF McELHANNEY. McELHANNEY WILL NOT BE HELD RESPONSIBLE FOR THE IMPROPER OR UNAUTHORIZED USE OF THIS DRAWING AND DESIGN.

THIS DRAWING AND DESIGN HAS BEEN PREPARED FOR THE CLIENT IDENTIFIED. TO MEET THE STANDARDS AND REQUIREMENTS OF THE APPLICABLE PUBLIC AGENCIES AT THE TIME OF PREPARATION. McELHANNEY, ITS EMPLOYEES, SUBCONSULTANTS AND AGENTS WILL NOT BE LIABLE FOR ANY LOSSES OR OTHER CONSEQUENCES RESULTING FROM THE USE OR RELIANCE UPON, OR ANY CHANGES MADE TO, THIS DRAWING BY ANY THIRD PARTY, INCLUDING CONTRACTORS, SUPPLIERS, CONSULTANTS AND STAKEHOLDERS, OR THEIR EMPLOYEES OR AGENTS, WITHOUT McELHANNEY'S PRIOR WRITTEN CONSENT.

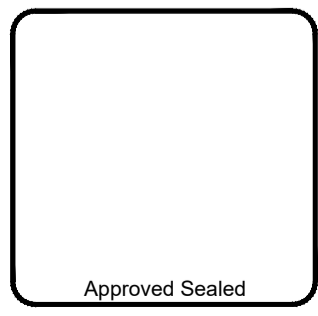
INFORMATION ON EXISTING UNDERGROUND FACILITIES MAY NOT BE COMPLETE OR ACCURATE. McELHANNEY, ITS EMPLOYEES AND DIRECTORS ARE NOT RESPONSIBLE NOR LIABLE FOR THE LOCATION OF ANY UNDERGROUND CONDUITS, PIPES, CABLES OR OTHER FACILITIES WHETHER SHOWN OR OMITTED FROM THIS PLAN. PRIOR TO CONSTRUCTION CONTRACTOR SHALL EXPOSE LOCATIONS OF ALL EXISTING FACILITIES BY HAND DIGGING OR HYDROVAC AND ADVISE THE ENGINEER OF POTENTIAL CONFLICTS.



Edge of pavement	Hydrant	Sanitary service	Hydro Guy Wire
Watermain and valve	Water air valve	Sanitary cleanout	Hydro Kiosk
Drainage sewer, MH	Water blowoff	Utility pole (joint pole)	Vegetation Conifer
Drainage ditch	Water service	Utility pole with light	Vegetation Deciduous
Sanitary sewer, MH	Catch basin, top inlet	Streetlight, davit	Vegetation Shrub
Sanitary forcemain	Catch basin, side inlet	Streetlight, post top	Survey Traverse Hub
Gasmain and valve	Catch basin, round	Comb signal pole	Survey Iron Pin
Hydro duct, MH	Drainage service	Traffic signal pole	Survey Lead Plug
Telephone duct, MH	Drainage cleanout	Junction box	Survey Monument

No.	Date	By	Revisions	Eng.
C	2025.02.12	VP	ISSUED FOR TENDER ADDENDUM 1	AG

Design by	Date	2024.12.20
MWJ		
Drawn by	Date	2024.12.20
CA		
Checked by	Date	2024.12.20
AG		
Approved by	Date	2024.12.20
MH		



Scale horiz. 1:500 Scale vert. 1:50

Sheet 07 of 14

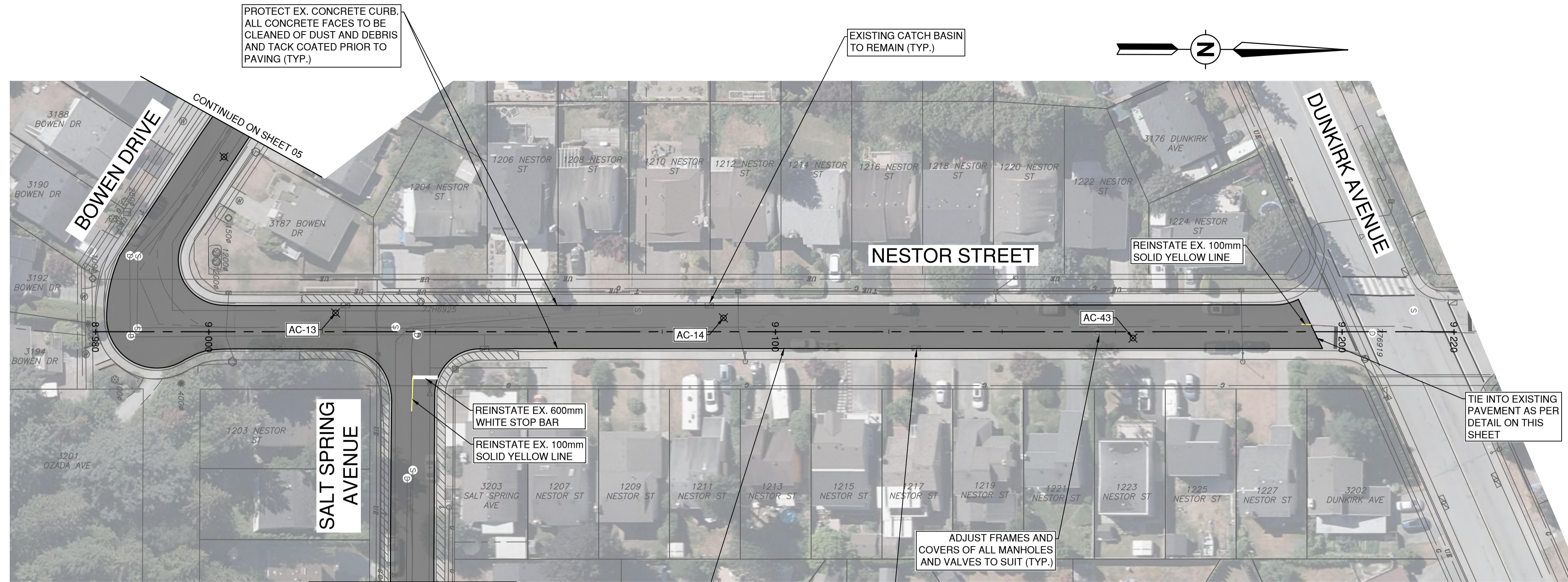
Eng. Project No. 2111-06533-00

Project HORNBY AREA PAVEMENT REHABILITATION CITY OF COQUITLAM

Description TEXADA STREET PLAN & PROFILE

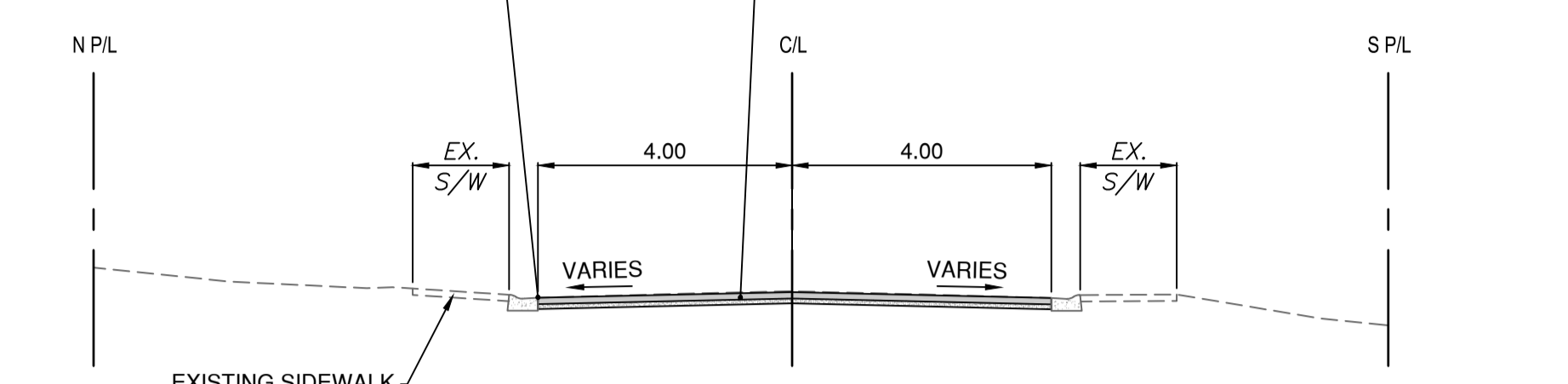
STA. 4+993 TO STA. 5+118

File: 06533-C0-100



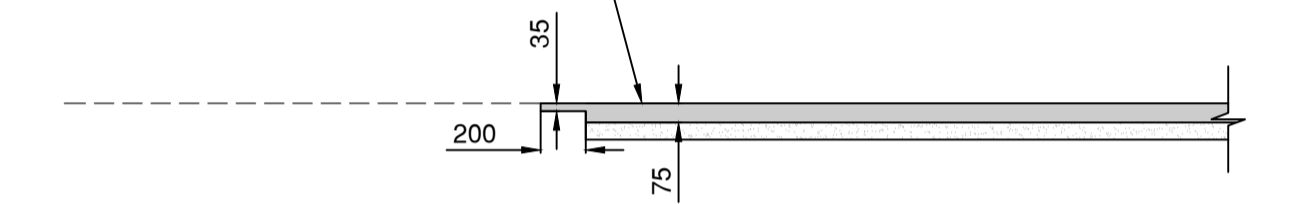
CONTRACTOR SHALL MILL AS CLOSE TO THE EX. CURB AND GUTTER AS POSSIBLE WITHOUT DAMAGING THE EX. CURB AND GUTTER. ANY REMAINING ASPHALT SHALL BE REMOVED AND REMOVAL SHALL BE INCIDENTAL TO THE MILLING OPERATION

FULL DEPTH ASPHALT MILLING (MIN 100mm). INSTALL MIN. 25mm OF 19mm MINUS CRUSHED GRANULAR BASE AND PAVE WITH 75mm THICK MMCD UC#1 (UPPER COURSE) ASPHALT ONE LIFT. CONTRACTOR TO PROOF ROLL AND REPAIR ROAD BASE STRUCTURE AS DIRECTED BY CITY INSPECTOR. WHERE DIRECTED, CONTRACTOR TO EXCAVATE EXISTING BASE AND REPLACE WITH 19mm MINUS CRUSHED GRANULAR BASE AND/OR 75mm MINUS CRUSHED GRANULAR SUBBASE AS DIRECTED BY CA (TYP.)



FULL DEPTH MILLING AND PAVING TYPICAL CROSS SECTION

AT ALL TIE INS TO EXISTING PAVEMENT, SAWCUT EXISTING PAVEMENT FOR CLEAN SURFACE, THEN GRIND, TACK COAT, AND OVERLAY 200mm OF 35mm UC#1 THICK ASPHALT AS PER COQUITLAM STANDARD DETAIL COQ G4 (TYP.)



TIE-IN WITH EXISTING ROADS TYPICAL SECTION

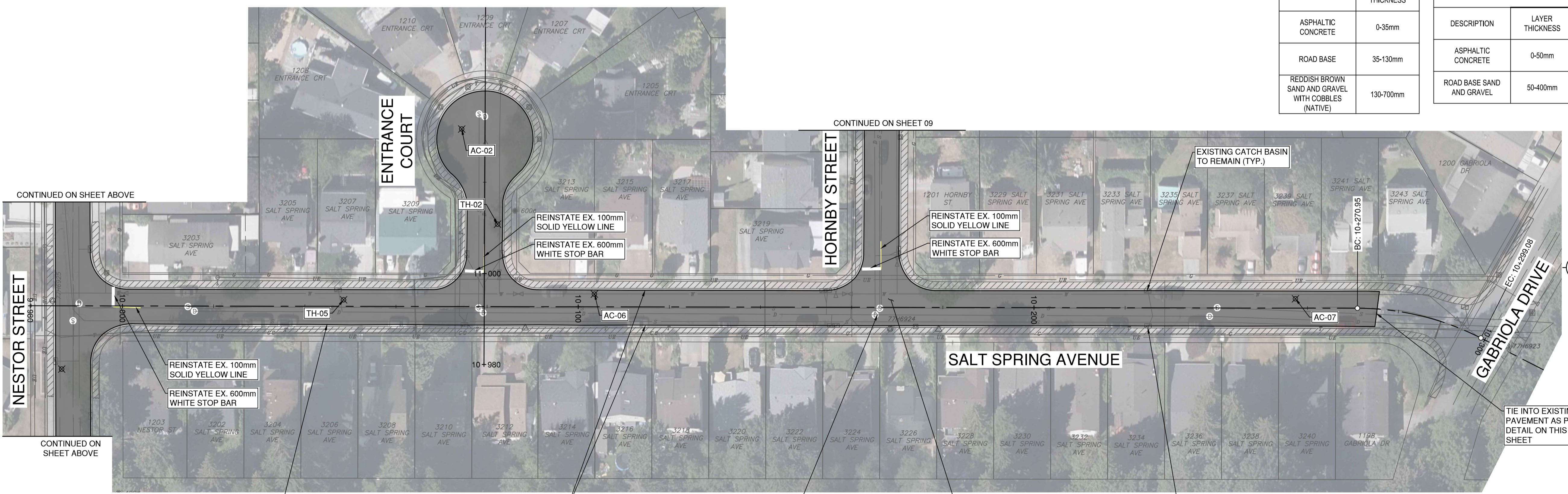
PROPOSED PAVEMENT TO TIE INTO EXISTING CURB AND GUTTER (TYP.)

FOLLOW ESC BEST MANAGEMENT PRACTICES, INCLUDING INSTALLING SILT SOCKS AT CATCH BASINS PRIOR TO CONSTRUCTION (TYP.)

TEST HOLE - 02	
DESCRIPTION	LAYER THICKNESS
ASPHALTIC CONCRETE	0-35mm
ROAD BASE	35-130mm
REDDISH BROWN SAND AND GRAVEL WITH COBBLES (NATIVE)	130-700mm

TEST HOLE - 05	
DESCRIPTION	LAYER THICKNESS
ASPHALTIC CONCRETE	0-50mm
ROAD BASE SAND AND GRAVEL	50-400mm

ASPHALT CORES			
NO.	TOP LIFT	BOTTOM LIFT	TOTAL ASPHALT THICKNESS
AC-02	-	-	55mm
AC-06	-	-	68mm
AC-07	-	-	25mm
AC-13	-	-	50mm
AC-14	-	-	52mm
AC-43	-	-	45mm



PROTECT EX. CONCRETE CURB. ALL CONCRETE FACES TO BE CLEANED OF DUST AND DEBRIS AND TACK COATED PRIOR TO PAVING (TYP.)

PROTECT EX. CONCRETE CURB. ALL CONCRETE FACES TO BE CLEANED OF DUST AND DEBRIS AND TACK COATED PRIOR TO PAVING (TYP.)

ADJUST FRAMES AND COVERS OF ALL MANHOLES AND VALVES TO SUIT (TYP.)

SIGNIFICANT CRACKING WITHIN INTERSECTION OBSERVED. CONTRACTOR TO ALLOW FOR PROVISION OF RECOMPACTING GRAVELS IN THIS AREA PRIOR TO ASPHALT PAVING AT DIRECTION OF CONTRACT ADMINISTRATOR

FOLLOW ESC BEST MANAGEMENT PRACTICES, INCLUDING INSTALLING SILT SOCKS AT CATCH BASINS PRIOR TO CONSTRUCTION (TYP.)

THIS DRAWING AND DESIGN IS THE PROPERTY OF McELHANNY AND SHALL NOT BE USED, REPRODUCED OR REPRODUCED WITHOUT THE CONSENT OF McELHANNY. McELHANNY WILL NOT BE HELD RESPONSIBLE FOR THE IMPROPER OR UNAUTHORIZED USE OF THIS DRAWING AND DESIGN.

THIS DRAWING AND DESIGN HAS BEEN PREPARED FOR THE CLIENT IDENTIFIED. TO MEET THE STANDARDS AND REQUIREMENTS OF THE APPLICABLE PUBLIC AGENCIES AT THE TIME OF PREPARATION. McELHANNY, ITS EMPLOYEES, SUBCONSULTANTS AND AGENTS WILL NOT BE LIABLE FOR ANY LOSSES OR OTHER CONSEQUENCES RESULTING FROM THE USE OR RELIANCE UPON, OR ANY CHANGES MADE TO, THIS DRAWING BY ANY THIRD PARTY, INCLUDING CONTRACTORS, SUPPLIERS, CONSULTANTS AND STAKEHOLDERS, OR THEIR EMPLOYEES OR AGENTS, WITHOUT McELHANNY'S PRIOR WRITTEN CONSENT.

INFORMATION ON EXISTING UNDERGROUND FACILITIES MAY NOT BE COMPLETE OR ACCURATE. McELHANNY, ITS EMPLOYEES AND DIRECTORS ARE NOT RESPONSIBLE NOR LIABLE FOR THE LOCATION OF ANY UNDERGROUND CONDUITS, PIPES, CABLES OR OTHER FACILITIES WHETHER SHOWN OR OMITTED FROM THIS PLAN. PRIOR TO CONSTRUCTION CONTRACTOR SHALL EXPOSE LOCATIONS OF ALL EXISTING FACILITIES BY HAND DIGGING OR HYDROVAC AND ADVISE THE ENGINEER OF POTENTIAL CONFLICTS.

PERMIT TO PRACTICE

McElhanney Ltd.

PERMIT NUMBER: 1003299

Engineers and Geoscientists of British Columbia

BC CALL 1-800-474-6886

Edge of pavement	Hydrant	Sanitary service	Hydro Guy Wire
Watermain and valve	Water air valve	Sanitary cleanout	Hydro Kiosk
Drainage sewer, MH	Water blowoff	Utility pole (joint pole)	Vegetation Conifer
Drainage ditch	Water service	Utility pole with light	Vegetation Deciduous
Sanitary sewer, MH	Catch basin, top inlet	Streetlight, davit	Vegetation Shrub
Sanitary forcemain	Catch basin, side inlet	Streetlight, post top	Survey Traverse Hub
Gasmain and valve	Catch basin, round	Comb signal pole	Survey Iron Pin
Hydro duct, MH	Drainage service	Traffic signal pole	Survey Lead Plug
Telephone duct, MH	Drainage cleanout	Junction box	Survey Monument

No.	Date	By	Revisions	Eng.
C	2025.02.12	VP	ISSUED FOR TENDER ADDENDUM 1	AG
B	2025.01.30	MW	ISSUED FOR TENDER	AG
A	2024.12.20	MW	ISSUED FOR DETAILED DESIGN	AG

Design by: MWJ Date: 2024.12.20

Drawn by: CA Date: 2024.12.20

Checked by: AG Date: 2024.12.20

Approved by: MH Date: 2024.12.20

McElhanney

Coquitlam

Engineering & Public Works

3000 Guildford Way, Coquitlam, B.C. V3B 7N2

Scale horiz. 1:500 Scale vert. 1:10

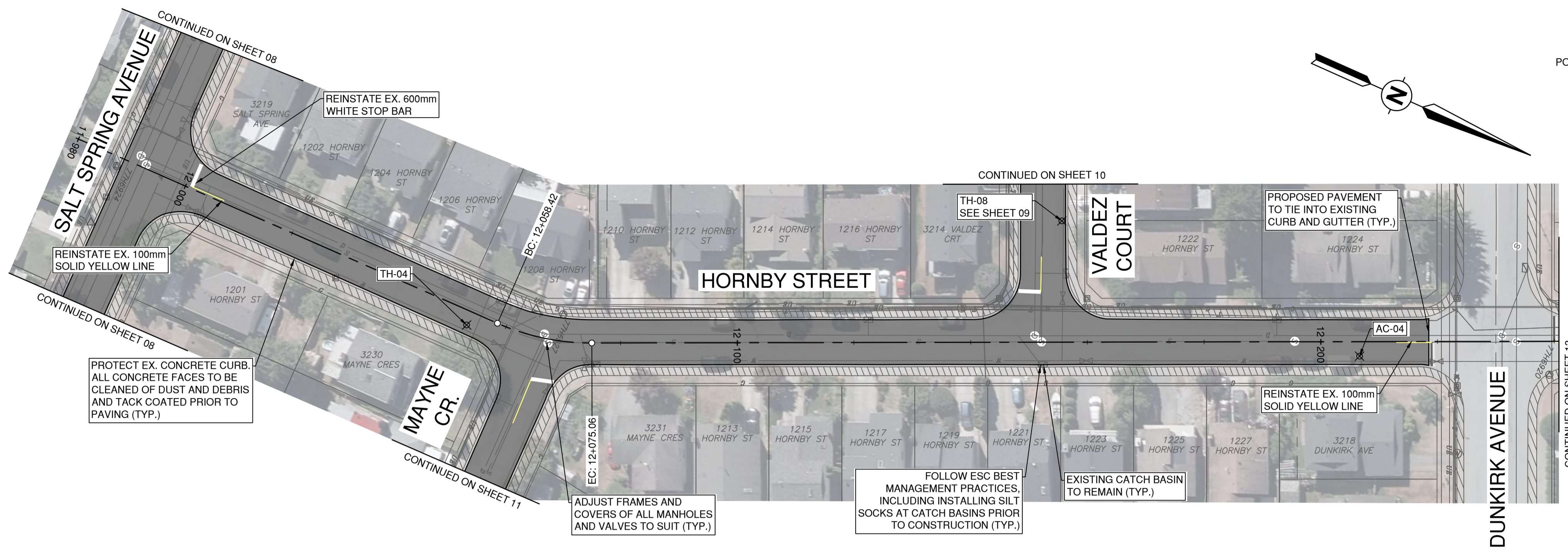
Sheet 08 of 14

Eng. Project No. 2111-06533-00

Project: HORNBY AREA PAVEMENT REHABILITATION CITY OF COQUITLAM

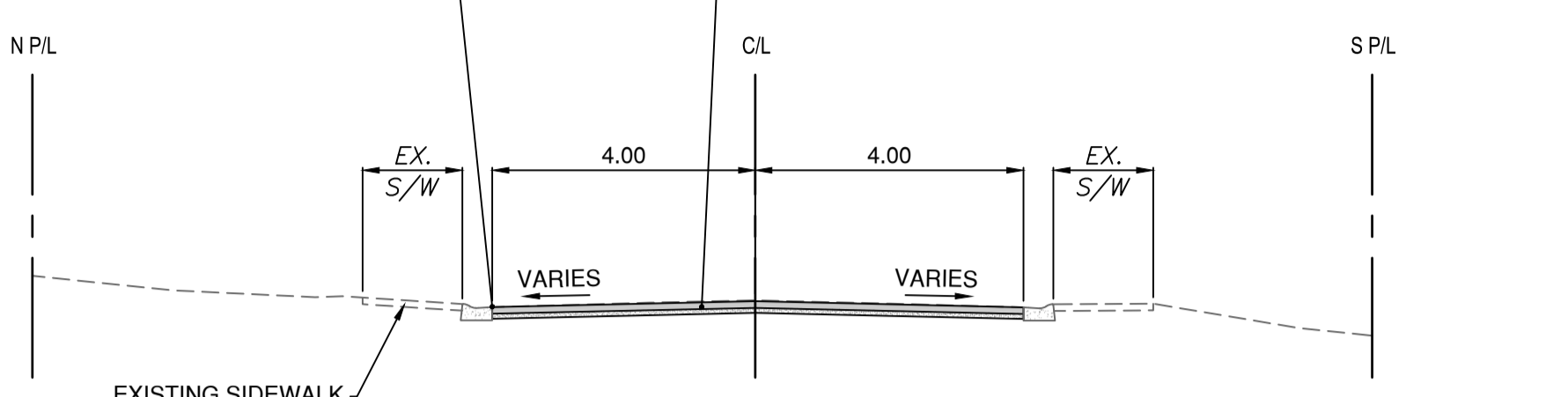
Description: NESTOR STREET, SALT SPRING AVE & ENTRANCE COURT BOWEN DR. TO DUNKIRK AVE., NESTOR AVE. TO GABRIOLA DR.

File: 06533-C0-100

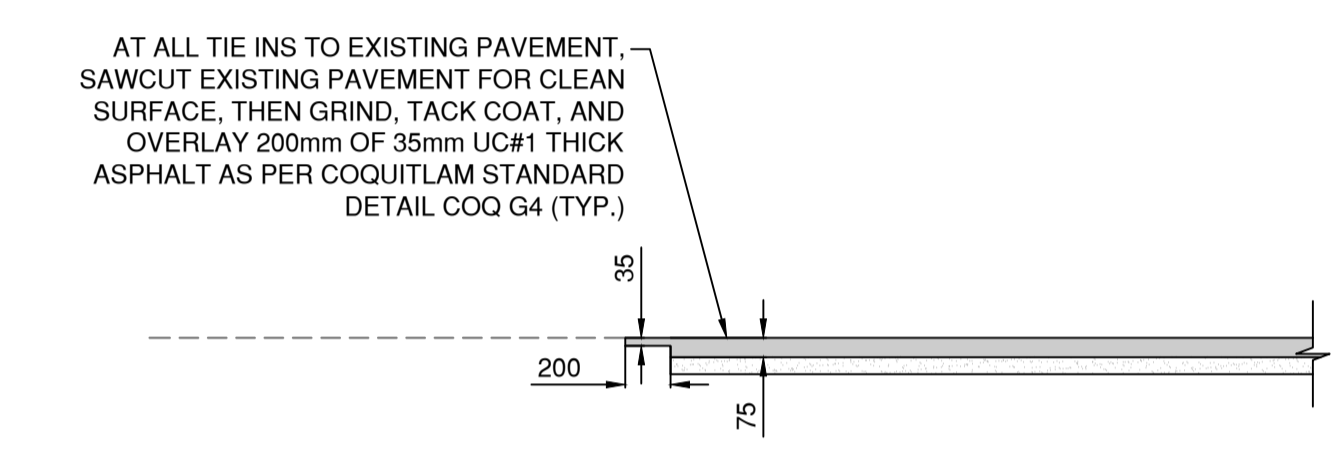


CONTRACTOR SHALL MILL AS CLOSE TO THE EX. CURB AND GUTTER AS POSSIBLE WITHOUT DAMAGING THE EX. CURB AND GUTTER. ANY REMAINING ASPHALT SHALL BE REMOVED AND REMOVAL SHALL BE INCIDENTAL TO THE MILLING OPERATION

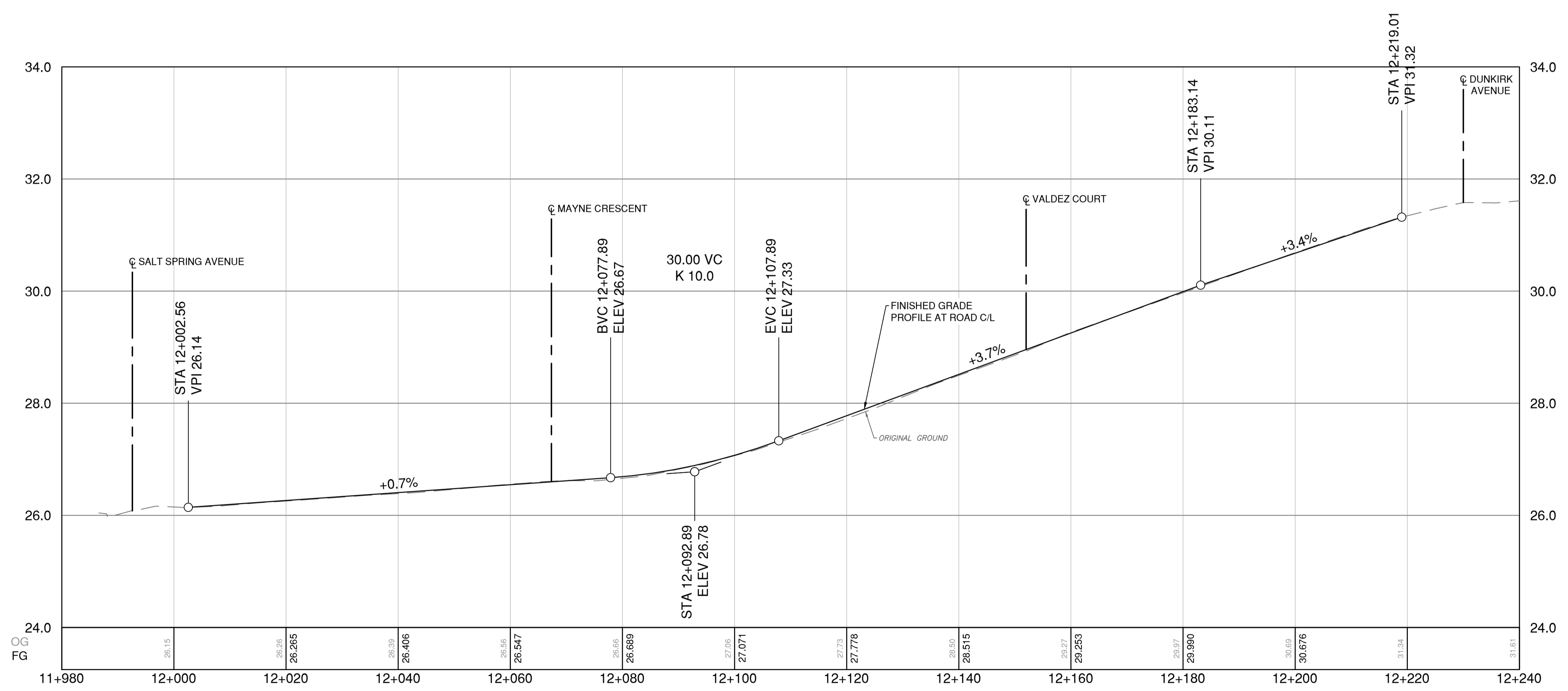
FULL DEPTH ASPHALT MILLING (MIN 100mm). INSTALL MIN. 25mm OF 19mm MINUS CRUSHED GRANULAR BASE AND PAVE WITH 75mm THICK MMCD UC#1 (UPPER COURSE) ASPHALT ONE LIFT. CONTRACTOR TO PROOF ROLL AND REPAIR ROAD BASE STRUCTURE AS DIRECTED BY CITY INSPECTOR. WHERE DIRECTED, CONTRACTOR TO EXCAVATE EXISTING BASE AND REPLACE WITH 19mm MINUS CRUSHED GRANULAR BASE AND/OR 75mm MINUS CRUSHED GRANULAR SUBBASE AS DIRECTED BY CA (TYP.)



FULL DEPTH MILLING AND PAVING TYPICAL CROSS SECTION



TIE-IN WITH EXISTING ROADS TYPICAL SECTION



TEST HOLE - 04	
DESCRIPTION	LAYER THICKNESS
ASPHALTIC CONCRETE	0-30mm
ROAD BASE	30-150mm
GRAY TO TAN SAND AND GRAVEL WITH COBBLES (NATIVE)	150-500mm

ASPHALT CORES			
NO.	TOP LIFT	BOTTOM LIFT	TOTAL ASPHALT THICKNESS
AC-04	-	-	50mm

PERMIT TO PRACTICE

McElhanney Ltd.

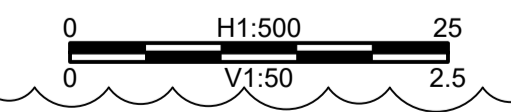
PERMIT NUMBER: 1003299

Engineers and Geoscientists of British Columbia

THIS DRAWING AND DESIGN IS THE PROPERTY OF McELHANNEY AND SHALL NOT BE USED, REUSED OR REPRODUCED WITHOUT THE CONSENT OF McELHANNEY. McELHANNEY WILL NOT BE HELD RESPONSIBLE FOR THE IMPROPER OR UNAUTHORIZED USE OF THIS DRAWING AND DESIGN.

THIS DRAWING AND DESIGN HAS BEEN PREPARED FOR THE CLIENT IDENTIFIED. TO MEET THE STANDARDS AND REQUIREMENTS OF THE APPLICABLE PUBLIC AGENCIES AT THE TIME OF PREPARATION. McELHANNEY, ITS EMPLOYEES, SUBCONSULTANTS AND AGENTS WILL NOT BE LIABLE FOR ANY LOSSES OR OTHER CONSEQUENCES RESULTING FROM THE USE OR RELIANCE UPON, OR ANY CHANGES MADE TO, THIS DRAWING BY ANY THIRD PARTY, INCLUDING CONTRACTORS, SUPPLIERS, CONSULTANTS AND STAKEHOLDERS, OR THEIR EMPLOYEES OR AGENTS, WITHOUT McELHANNEY'S PRIOR WRITTEN CONSENT.

INFORMATION ON EXISTING UNDERGROUND FACILITIES MAY NOT BE COMPLETE OR ACCURATE. McELHANNEY, ITS EMPLOYEES AND DIRECTORS ARE NOT RESPONSIBLE NOR LIABLE FOR THE LOCATION OF ANY UNDERGROUND CONDUITS, PIPES, CABLES OR OTHER FACILITIES WHETHER SHOWN OR OMITTED FROM THIS PLAN. PRIOR TO CONSTRUCTION CONTRACTOR SHALL EXPOSE LOCATIONS OF ALL EXISTING FACILITIES BY HAND DIGGING OR HYDROVAC AND ADVISE THE ENGINEER OF POTENTIAL CONFLICTS.



Edge of pavement	Hydrant	Sanitary service	Hydro Guy Wire
Watermain and valve	Water air valve	Sanitary cleanout	Hydro Kiosk
Drainage sewer, MH	Water blowoff	Utility pole (joint pole)	Vegetation Conifer
Drainage ditch	Water service	Utility pole with light	Vegetation Deciduous
Sanitary sewer, MH	Catch basin, top inlet	Streetlight, davit	Vegetation Shrub
Sanitary forcemain	Catch basin, side inlet	Streetlight, post top	Survey Traverse Hub
Gasmain and valve	Catch basin, round	Comb signal pole	Survey Iron Pin
Hydro duct, MH	Drainage service	Traffic signal pole	Survey Lead Plug
Telephone duct, MH	Drainage cleanout	Junction box	Survey Monument

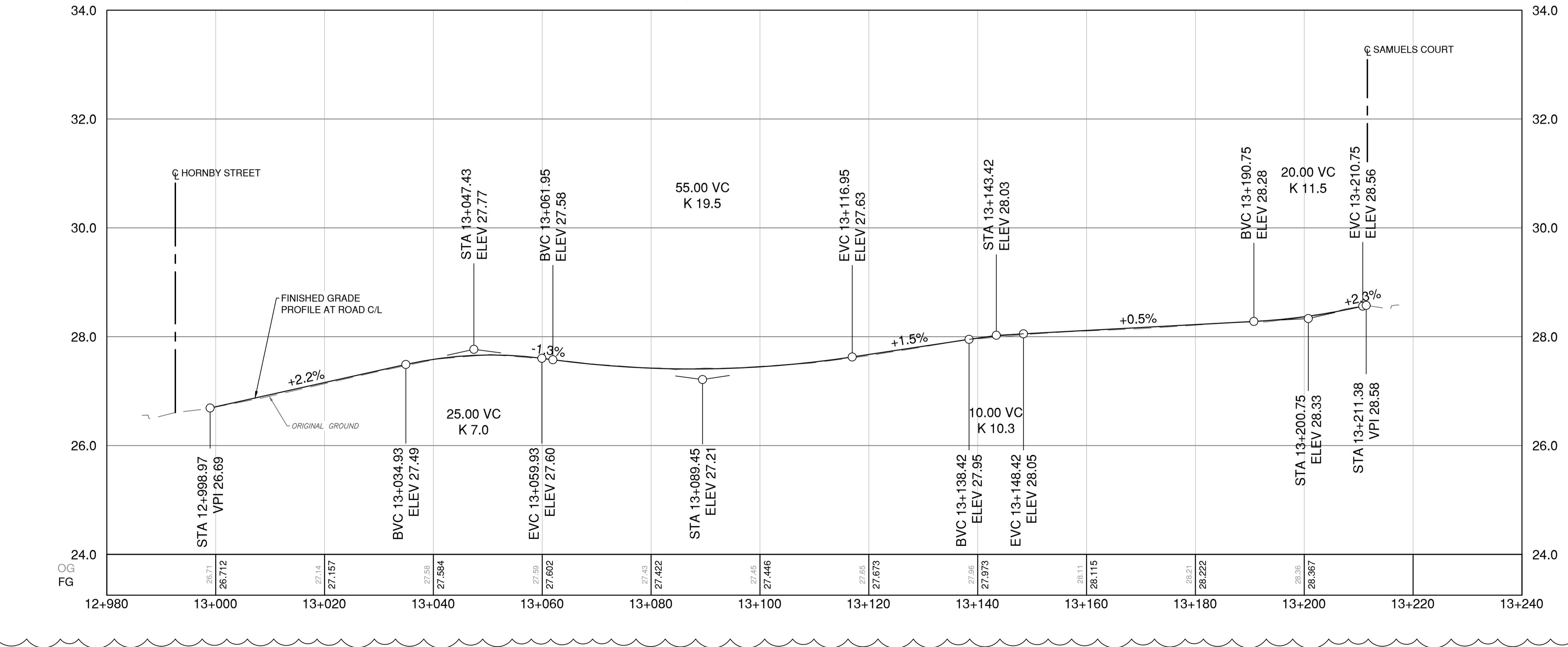
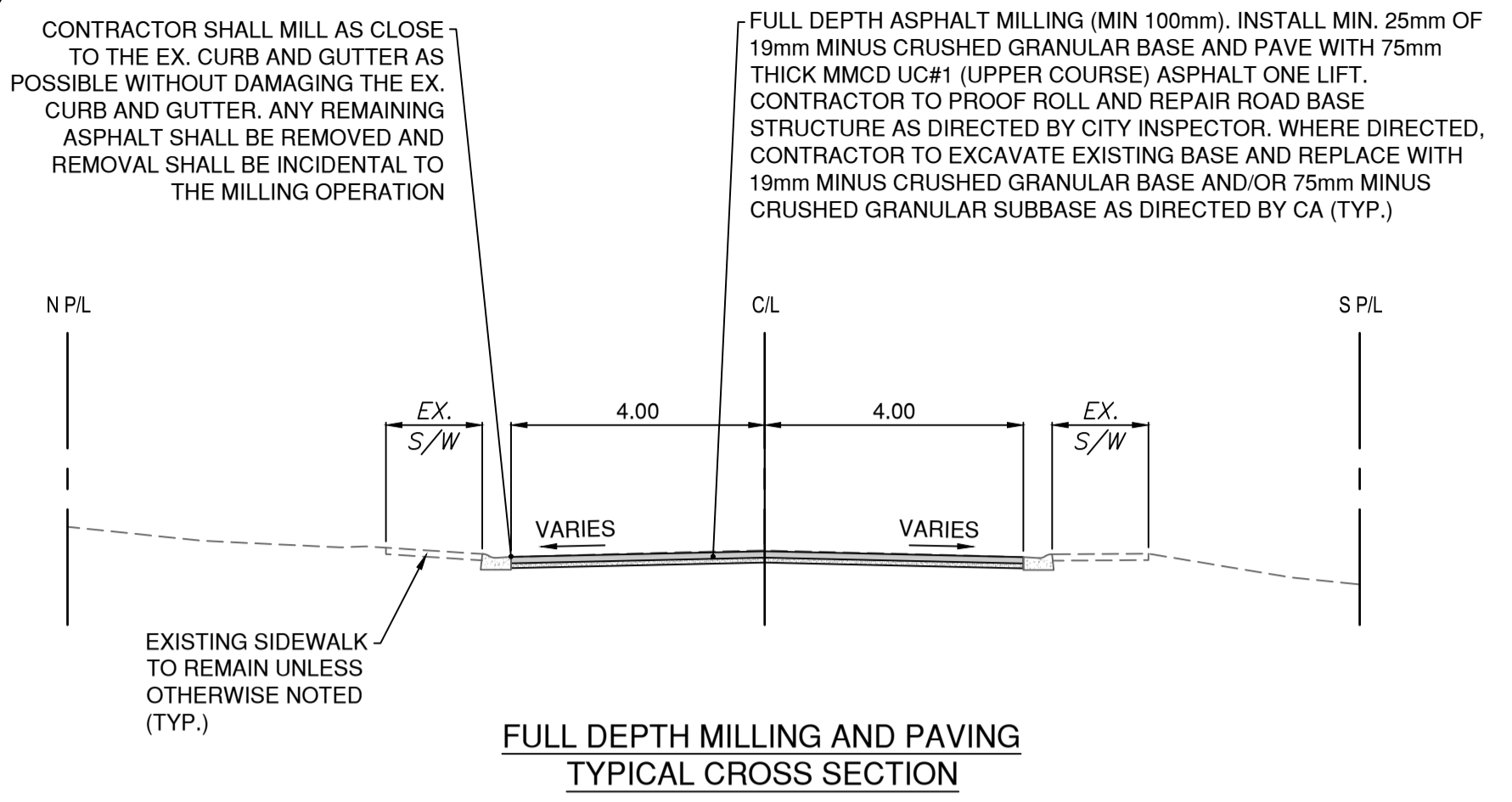
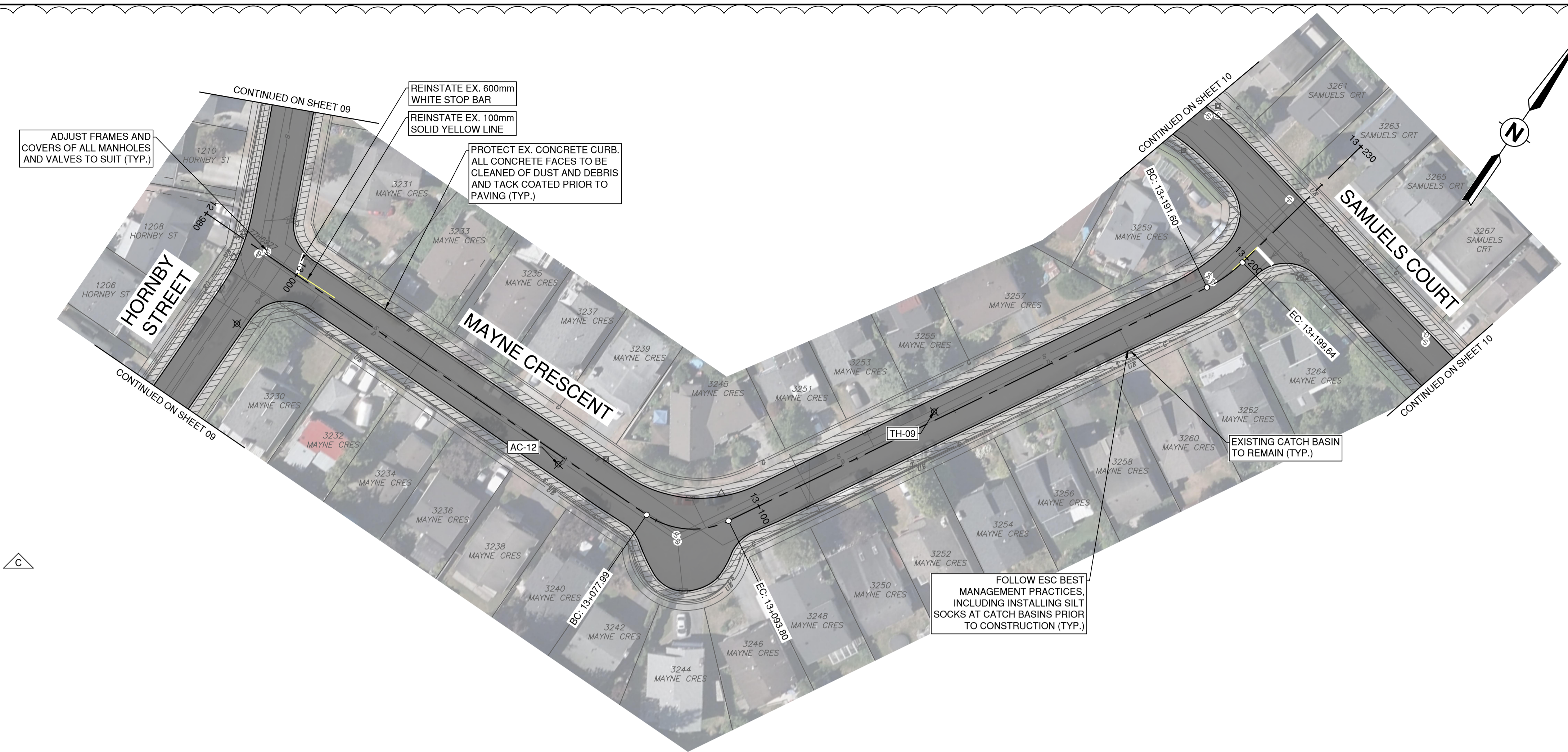
No.	Date	By	Revisions	Eng.
C	2025.02.12	VP	ISSUED FOR TENDER ADDENDUM 1	AG

Design by: Date: 2024.12.20
 MWJ
 Drawn by: Date: 2024.12.20
 CA
 Checked by: Date: 2024.12.20
 AG
 Approved by: Date: 2024.12.20
 MH

Engineering & Public Works
 3000 Guildford Way, Coquitlam, B.C. V3B 7N2

Scale horiz. 1:500 Scale vert. 1:50
 Sheet 09 of 14
 Eng. Project No. 2111-06533-00

Project: HORNBY AREA PAVEMENT REHABILITATION
 CITY OF COQUITLAM
 Description: HORNBY STREET PLAN & PROFILE
 STA. 11+997 TO STA. 12+219
 File: 06533-C0-100



TEST HOLE - 09	
DESCRIPTION	LAYER THICKNESS
ASPHALTIC CONCRETE	0-85mm
ROAD BASE	85-240mm
TAN SAND AND GRAVEL WITH COBBLES (NATIVE) DENSE	240-600mm

ASPHALT CORES			
NO.	TOP LIFT	BOTTOM LIFT	TOTAL ASPHALT THICKNESS
AC-12	-	-	40mm

PERMIT TO PRACTICE

McElhanney Ltd.

PERMIT NUMBER: 1003299

Engineers and Geoscientists of British Columbia

THIS DRAWING AND DESIGN IS THE PROPERTY OF McELHANNEY AND SHALL NOT BE USED, REUSED OR REPRODUCED WITHOUT THE CONSENT OF McELHANNEY. McELHANNEY WILL NOT BE HELD RESPONSIBLE FOR THE IMPROPER OR UNAUTHORIZED USE OF THIS DRAWING AND DESIGN.

THIS DRAWING AND DESIGN HAS BEEN PREPARED FOR THE CLIENT IDENTIFIED. TO MEET THE STANDARDS AND REQUIREMENTS OF THE APPLICABLE PUBLIC AGENCIES AT THE TIME OF PREPARATION. McELHANNEY, ITS EMPLOYEES, SUBCONSULTANTS AND AGENTS WILL NOT BE LIABLE FOR ANY LOSSES OR OTHER CONSEQUENCES RESULTING FROM THE USE OR RELIANCE UPON, OR ANY CHANGES MADE TO, THIS DRAWING BY ANY THIRD PARTY, INCLUDING CONTRACTORS, SUPPLIERS, CONSULTANTS AND STAKEHOLDERS, OR THEIR EMPLOYEES OR AGENTS, WITHOUT McELHANNEY'S PRIOR WRITTEN CONSENT.

INFORMATION ON EXISTING UNDERGROUND FACILITIES MAY NOT BE COMPLETE OR ACCURATE. McELHANNEY, ITS EMPLOYEES AND DIRECTORS ARE NOT RESPONSIBLE NOR LIABLE FOR THE LOCATION OF ANY UNDERGROUND CONDUITS, PIPES, CABLES OR OTHER FACILITIES WHETHER SHOWN OR OMITTED FROM THIS PLAN. PRIOR TO CONSTRUCTION CONTRACTOR SHALL EXPOSE LOCATIONS OF ALL EXISTING FACILITIES BY HAND DIGGING OR HYDROVAC AND ADVISE THE ENGINEER OF POTENTIAL CONFLICTS.

Edge of pavement	Hydrant	Sanitary service	Hydro Guy Wire
Watermain and valve	Water air valve	Sanitary cleanout	Hydro Kiosk
Drainage sewer, MH	Water blowoff	Utility pole (joint pole)	Vegetation Conifer
Drainage ditch	Water service	Utility pole with light	Vegetation Deciduous
Sanitary sewer, MH	Catch basin, top inlet	Streetlight, davit	Vegetation Shrub
Sanitary forcemain	Catch basin, side inlet	Streetlight, post top	Survey Traverse Hub
Gasmain and valve	Catch basin, round	Comb signal pole	Survey Iron Pin
Hydro duct, MH	Drainage service	Traffic signal pole	Survey Lead Plug
Telephone duct, MH	Drainage cleanout	Junction box	Survey Monument

No.	Date	By	Revisions	Eng.
C	2025.02.12	VP	ISSUED FOR TENDER ADDENDUM 1	AG

Design by: MWJ Date: 2024.12.20

Drawn by: CA Date: 2024.12.20

Checked by: AG Date: 2024.12.20

Approved by: MH Date: 2024.12.20

McElhanney

Approved Sealed

Coquitlam

Engineering & Public Works

3000 Guildford Way, Coquitlam, B.C. V3B 7N2

Scale horiz. 1:500 Scale vert. 1:50

Sheet 11 of 14

Eng. Project No. 2111-06533-00

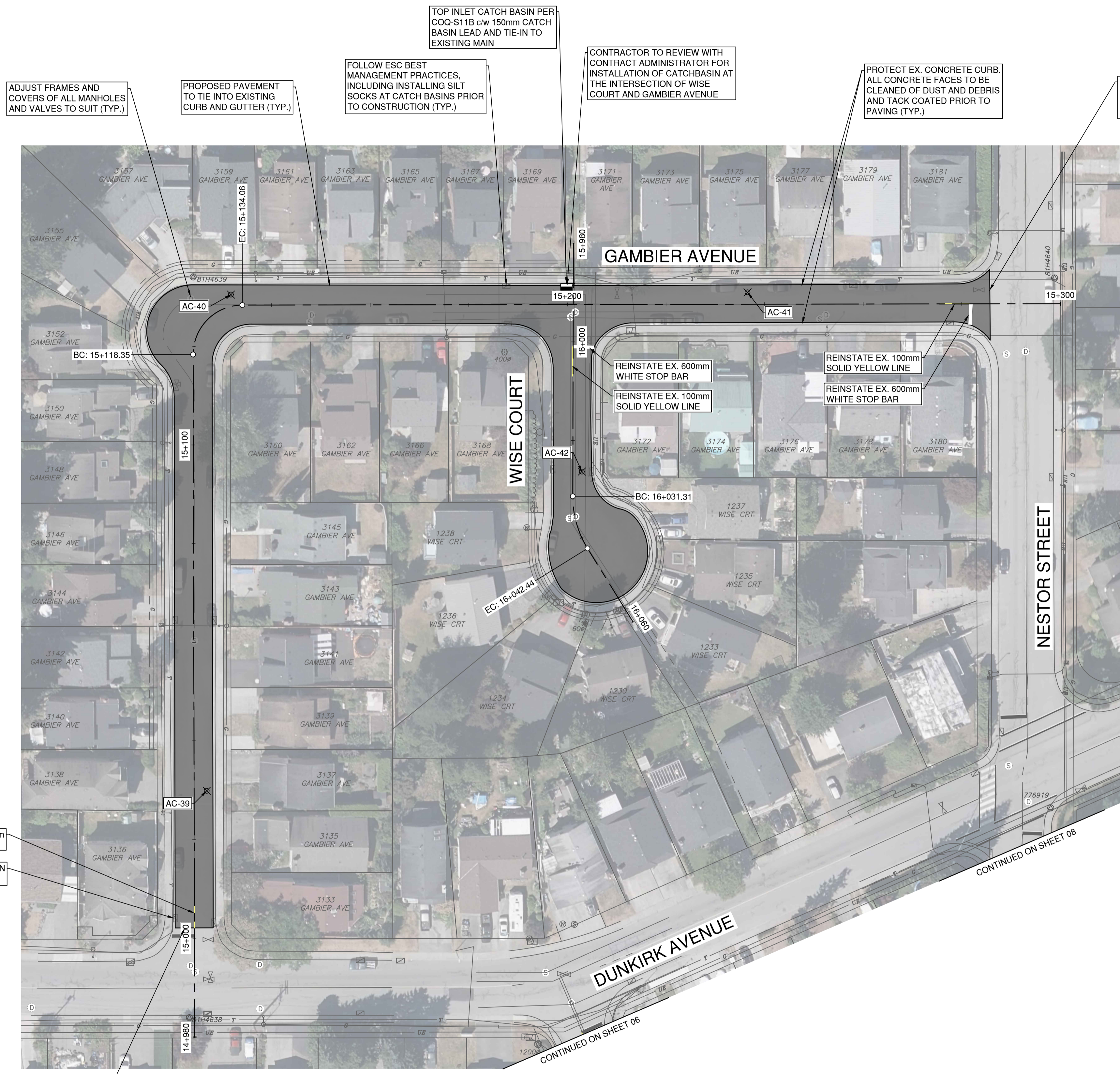
Project: **HORNBY AREA PAVEMENT REHABILITATION**

CITY OF COQUITLAM

Description: **MAYNE CRESCENT PLAN & PROFILE**

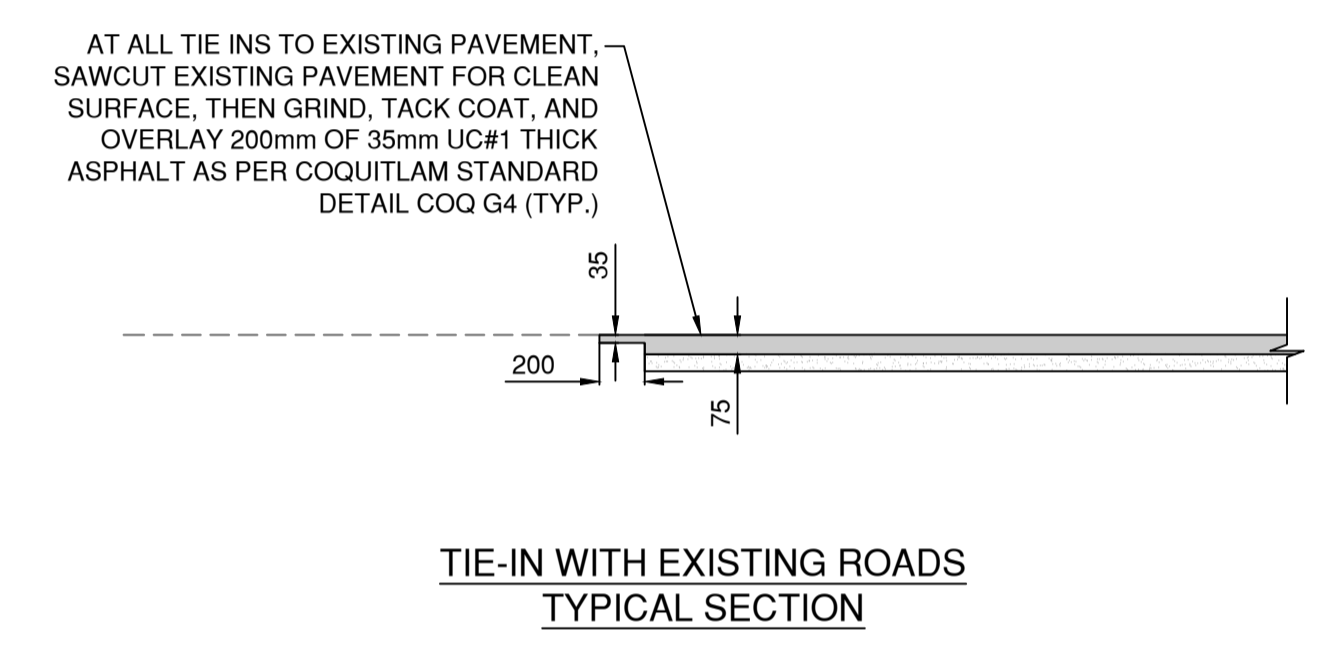
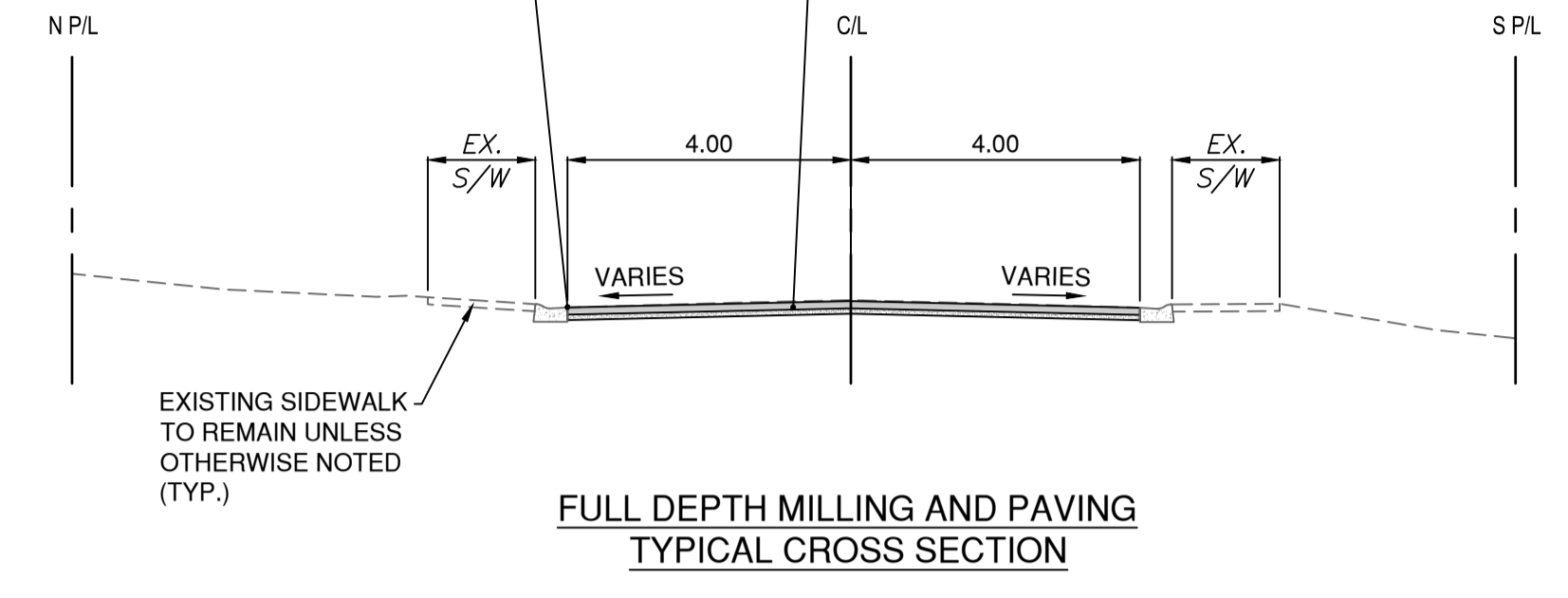
STA. 12+999 TO STA. 13+211

File: 06533-C0-100



CONTRACTOR SHALL MILL AS CLOSE TO THE EX. CURB AND GUTTER AS POSSIBLE WITHOUT DAMAGING THE EX. CURB AND GUTTER. ANY REMAINING ASPHALT SHALL BE REMOVED AND REMOVAL SHALL BE INCIDENTAL TO THE MILLING OPERATION

FULL DEPTH ASPHALT MILLING (MIN 100mm). INSTALL MIN. 25mm OF 19mm MINUS CRUSHED GRANULAR BASE AND PAVE WITH 75mm THICK MMCD UC#1 (UPPER COURSE) ASPHALT ONE LIFT. CONTRACTOR TO PROOF ROLL AND REPAIR ROAD BASE STRUCTURE AS DIRECTED BY CITY INSPECTOR. WHERE DIRECTED, CONTRACTOR TO EXCAVATE EXISTING BASE AND REPLACE WITH 19mm MINUS CRUSHED GRANULAR BASE AND/OR 75mm MINUS CRUSHED GRANULAR SUBBASE AS DIRECTED BY CA (TYP.)



ASPHALT CORES			
NO.	TOP LIFT	BOTTOM LIFT	TOTAL ASPHALT THICKNESS
AC-39	40mm	20mm	65mm
AC-40	30mm	30mm	60mm
AC-41	-	-	50mm
AC-42	-	-	60mm

PERMIT TO PRACTICE

McElhanney Ltd.

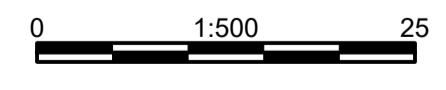
PERMIT NUMBER: 1003299

Engineers and Geoscientists of British Columbia

THIS DRAWING AND DESIGN IS THE PROPERTY OF McELHANNEY AND SHALL NOT BE USED, REVISED OR REPRODUCED WITHOUT THE CONSENT OF McELHANNEY. McELHANNEY WILL NOT BE HELD RESPONSIBLE FOR THE IMPROPER OR UNAUTHORIZED USE OF THIS DRAWING AND DESIGN.

THIS DRAWING AND DESIGN HAS BEEN PREPARED FOR THE CLIENT IDENTIFIED. TO MEET THE STANDARDS AND REQUIREMENTS OF THE APPLICABLE PUBLIC AGENCIES AT THE TIME OF PREPARATION. McELHANNEY, ITS EMPLOYEES, SUBCONSULTANTS AND AGENTS WILL NOT BE LIABLE FOR ANY LOSSES OR OTHER CONSEQUENCES RESULTING FROM THE USE OR RELIANCE UPON, OR ANY CHANGES MADE TO, THIS DRAWING BY ANY THIRD PARTY, INCLUDING CONTRACTORS, SUPPLIERS, CONSULTANTS AND STAKEHOLDERS, OR THEIR EMPLOYEES OR AGENTS, WITHOUT McELHANNEY'S PRIOR WRITTEN CONSENT.

INFORMATION ON EXISTING UNDERGROUND FACILITIES MAY NOT BE COMPLETE OR ACCURATE. McELHANNEY, ITS EMPLOYEES AND DIRECTORS ARE NOT RESPONSIBLE NOR LIABLE FOR THE LOCATION OF ANY UNDERGROUND CONDUITS, PIPES, CABLES OR OTHER FACILITIES WHETHER SHOWN OR OMITTED FROM THIS PLAN. PRIOR TO CONSTRUCTION CONTRACTOR SHALL EXPOSE LOCATIONS OF ALL EXISTING FACILITIES BY HAND DIGGING OR HYDROVAC AND ADVISE THE ENGINEER OF POTENTIAL CONFLICTS.



Edge of pavement	Hydrant	Sanitary service	Hydro Guy Wire
Watermain and valve	Water air valve	Sanitary cleanout	Hydro Kiosk
Drainage sewer, MH	Water blowoff	Utility pole (joint pole)	Vegetation Conifer
Drainage ditch	Water service	Utility pole with light	Vegetation Deciduous
Sanitary sewer, MH	Catch basin, top inlet	Streetlight, davit	Vegetation Shrub
Sanitary forcemain	Catch basin, side inlet	Streetlight, post top	Survey Traverse Hub
Gasmain and valve	Catch basin, round	Comb signal pole	Survey Iron Pin
Hydro duct, MH	Drainage service	Traffic signal pole	Survey Lead Plug
Telephone duct, MH	Drainage cleanout	Junction box	Survey Monument

No.	Date	By	Revisions	Eng.
C	2025.02.12	VP	ISSUED FOR TENDER ADDENDUM 1	AG
B	2025.01.30	MW	ISSUED FOR TENDER	AG
A	2024.12.20	MW	ISSUED FOR DETAILED DESIGN	AG

Design by MWJ Date 2024.12.20

Drawn by CA Date 2024.12.20

Checked by AG Date 2024.12.20

Approved by MH Date 2024.12.20

Engineering & Public Works

3000 Guildford Way, Coquitlam, B.C. V3B 7N2

Scale horiz. 1:500 Scale vert. _____

Sheet 12 of 14

Eng. Project No. 2111-06533-00

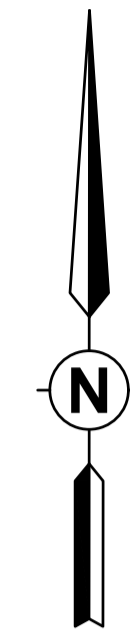
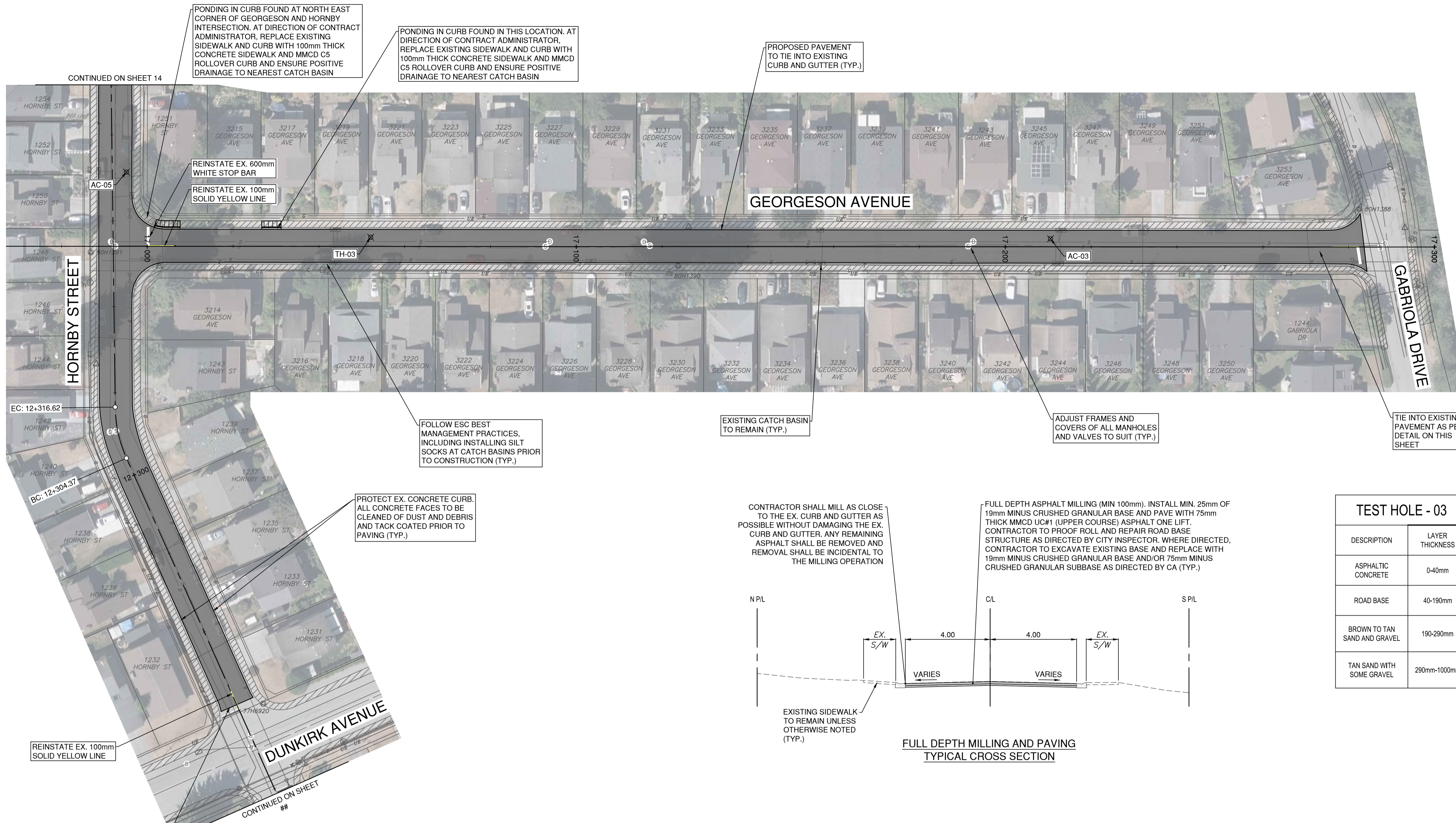
Project HORNBY AREA PAVEMENT REHABILITATION

CITY OF COQUITLAM

Description GAMBIER AVENUE AND WISE COURT

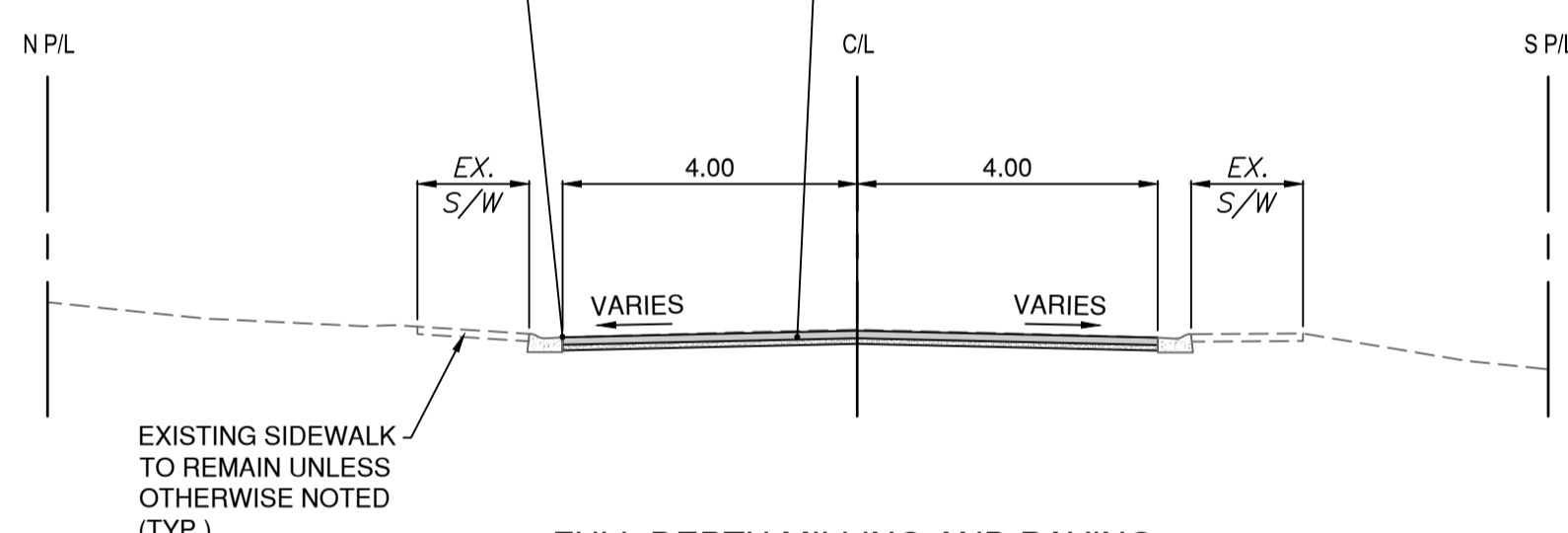
DUNKIRK AVENUE TO NESTOR STREET

File: 06533-C0-100

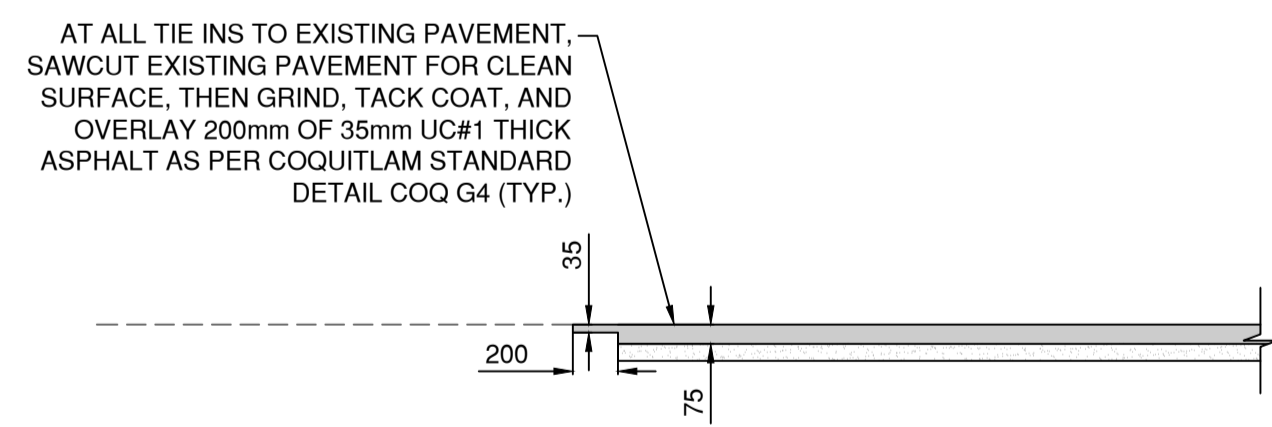


CONTRACTOR SHALL MILL AS CLOSE TO THE EX. CURB AND GUTTER AS POSSIBLE WITHOUT DAMAGING THE EX. CURB AND GUTTER. ANY REMAINING ASPHALT SHALL BE REMOVED AND REMOVAL SHALL BE INCIDENTAL TO THE MILLING OPERATION

FULL DEPTH ASPHALT MILLING (MIN 100mm). INSTALL MIN. 25mm OF 19mm MINUS CRUSHED GRANULAR BASE AND PAVE WITH 75mm THICK MMCD UC#1 (UPPER COURSE) ASPHALT ONE LIFT. CONTRACTOR TO PROOF ROLL AND REPAIR ROAD BASE STRUCTURE AS DIRECTED BY CITY INSPECTOR. WHERE DIRECTED, CONTRACTOR TO EXCAVATE EXISTING BASE AND REPLACE WITH 19mm MINUS CRUSHED GRANULAR BASE AND/OR 75mm MINUS CRUSHED GRANULAR SUBBASE AS DIRECTED BY CA (TYP.)



FULL DEPTH MILLING AND PAVING TYPICAL CROSS SECTION



TIE-IN WITH EXISTING ROADS TYPICAL SECTION

TEST HOLE - 03	
DESCRIPTION	LAYER THICKNESS
ASPHALTIC CONCRETE	0-40mm
ROAD BASE	40-190mm
BROWN TO TAN SAND AND GRAVEL	190-290mm
TAN SAND WITH SOME GRAVEL	290mm-1000mm

ASPHALT CORES			
NO.	TOP LIFT	BOTTOM LIFT	TOTAL ASPHALT THICKNESS
AC-03	-	-	60mm
AC-05	-	-	55mm

PERMIT TO PRACTICE

McElhanney Ltd.

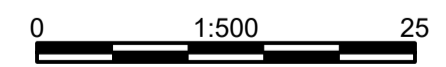
PERMIT NUMBER: 1003299

Engineers and Geoscientists of British Columbia

THIS DRAWING AND DESIGN IS THE PROPERTY OF McELHANNEY AND SHALL NOT BE USED, REUSED OR REPRODUCED WITHOUT THE CONSENT OF McELHANNEY. McELHANNEY WILL NOT BE HELD RESPONSIBLE FOR THE IMPROPER OR UNAUTHORIZED USE OF THIS DRAWING AND DESIGN.

THIS DRAWING AND DESIGN HAS BEEN PREPARED FOR THE CLIENT IDENTIFIED. TO MEET THE STANDARDS AND REQUIREMENTS OF THE APPLICABLE PUBLIC AGENCIES AT THE TIME OF PREPARATION. McELHANNEY, ITS EMPLOYEES, SUBCONSULTANTS AND AGENTS WILL NOT BE LIABLE FOR ANY LOSSES OR OTHER CONSEQUENCES RESULTING FROM THE USE OR RELIANCE UPON, OR ANY CHANGES MADE TO, THIS DRAWING BY ANY THIRD PARTY, INCLUDING CONTRACTORS, SUPPLIERS, CONSULTANTS AND STAKEHOLDERS, OR THEIR EMPLOYEES OR AGENTS, WITHOUT McELHANNEY'S PRIOR WRITTEN CONSENT.

INFORMATION ON EXISTING UNDERGROUND FACILITIES MAY NOT BE COMPLETE OR ACCURATE. McELHANNEY, ITS EMPLOYEES AND DIRECTORS ARE NOT RESPONSIBLE FOR THE LOCATION OF ANY UNDERGROUND CONDUITS, PIPES, CABLES OR OTHER FACILITIES WHETHER SHOWN OR OMITTED FROM THIS PLAN. PRIOR TO CONSTRUCTION CONTRACTOR SHALL EXPOSE LOCATIONS OF ALL EXISTING FACILITIES BY HAND DIGGING OR HYDROVAC AND ADVISE THE ENGINEER OF POTENTIAL CONFLICTS.



Edge of pavement	Hydrant	Sanitary service	Hydro Guy Wire
Watermain and valve	Water air valve	Sanitary cleanout	Hydro Kiosk
Drainage sewer, MH	Water blowoff	Utility pole (joint pole)	Vegetation Conifer
Drainage ditch	Water service	Utility pole with light	Vegetation Deciduous
Sanitary sewer, MH	Catch basin, top inlet	Streetlight, davit	Vegetation Shrub
Sanitary forcemain	Catch basin, side inlet	Streetlight, post top	Survey Traverse Hub
Gasmain and valve	Catch basin, round	Comb signal pole	Survey Iron Pin
Hydro duct, MH	Drainage service	Traffic signal pole	Survey Lead Plug
Telephone duct, MH	Drainage cleanout	Junction box	Survey Monument

No.	Date	By	Revisions	Eng.
C	2025.02.12	VP	ISSUED FOR TENDER ADDENDUM 1	AG
B	2025.01.30	MW	ISSUED FOR TENDER	AG
A	2024.12.20	MW	ISSUED FOR DETAILED DESIGN	AG

Design by: MWJ Date: 2024.12.20

Drawn by: CA Date: 2024.12.20

Checked by: AG Date: 2024.12.20

Approved by: MH Date: 2024.12.20

McElhanney

Approved Sealed

Coquitlam

Engineering & Public Works

3000 Guildford Way, Coquitlam, B.C. V3B 7N2

Scale horiz. **1:500** Scale vert. _____

Sheet **13** of **14**

Eng. Project No. **2111-06533-00**

Project **HORNBY AREA PAVEMENT REHABILITATION CITY OF COQUITLAM**

Description **HORNBY STREET AND GEORGESON AVENUE DUNKIRK AVE. TO SAVARY AVE., HORNBY ST. TO GABRIOLA DR.**

File: 06533-C0-100

