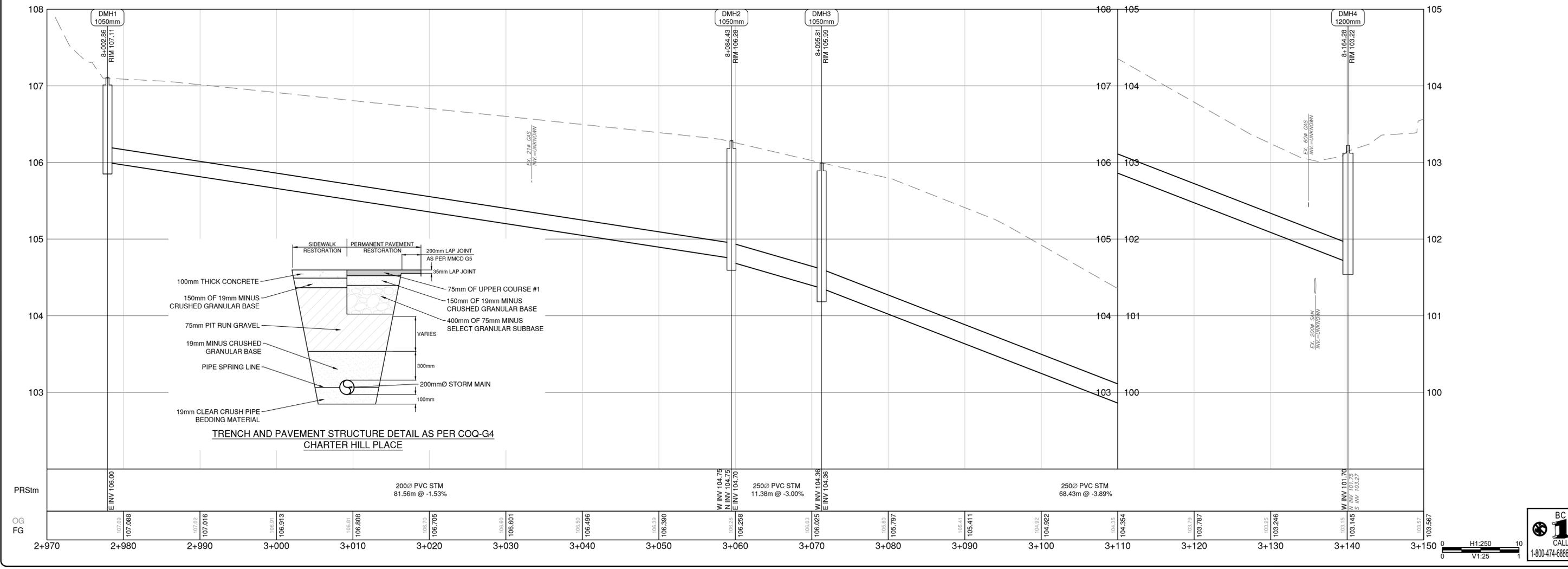
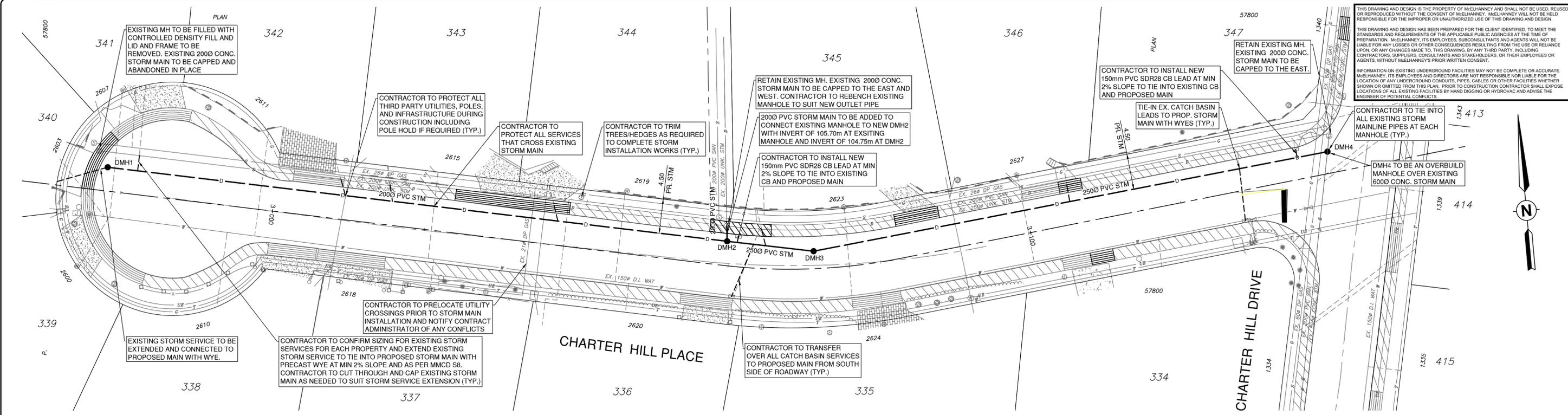


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Edge of pavement	Hydrant	Sanitary service	Hydro Guy Wire
Watermain and valve	Water air valve	Sanitary cleanout	Hydro Kiosk
Drainage sewer, MH	Water blowoff	Utility pole (joint pole)	Vegetation Conifer
Drainage ditch	Water service	Utility pole with 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.
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Design by: MS Date: February 20, 2026
 Drawn by: MWJ Date: February 20, 2026
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McElhanney

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

Scale: 1:250
 Scale: 1:25
 Sheet: 6 of 6
 Eng. Project No: 2111-06701-00

Project: CHARTER HILL PLACE STORM MAIN AND PAVING WORKS
 CHARTER HILL DRIVE, STEEPLE DRIVE & LIGHTHOUSE COURT
 Description: STORM SEWER
 CHARTER HILL PLACE
 File: 06701-C1-300





GENERAL CONSTRUCTION NOTES:

- CONTACT & NOTIFY ALL HOMEOWNERS AFFECTED BY WORKS 5 DAYS 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 CITY APPOINTED ARBORIST PRIOR TO WORKING IN AND AROUND TREES.
- ENSURE THE CURRENT MUNICIPAL O.H.A.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.
- 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.

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 (e.g. 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.
- SURROUND PROTECTED TREES WITH SNOW FENCING AT DRIP LINE OR CRITICAL ROOT ZONE OF TREE DURING CONSTRUCTION. CONTACT CITY APPOINTED ARBORIST PRIOR TO BEGINNING CONSTRUCTION.

SANITARY SEWER NOTES:

- SANITARY SEWER SHALL BE CONSTRUCTED TO MMCD 2009 EDITION AND CITY OF COQUITLAM SUPPLEMENTARY SPECIFICATIONS (LATEST VERSION).
- SANITARY SEWER MAINS SHALL BE PVC SDR 35 PIPE.
- FOR TYPICAL TRENCH SEE CITY OF COQUITLAM STD. DWG. COQ-S4.
- ALL SANITARY SEWER SERVICE CONNECTION SHALL BE 100mm DIAMETER PVC DR 28 PIPE w/ INSPECTION CHAMBER (MMCD STD. DWG. "S9") CENTERED AT A 300mm OFFSET FROM PROPERTY LINE AND INSTALLED AS PER MMCD STD. DWG. "S7".
- FOR MANHOLE DETAILS SEE MMCD STD. DWG. "S1", "S2" AND "S3". ALL MANHOLES SHALL BE 1050mm DIAMETER, UNLESS OTHERWISE NOTED ON DRAWING.
- EXISTING UTILITY SERVICE CONNECTIONS NOT SHOWN FOR CLARITY.
- ALLOWANCE ONLY AND ARE SHOWN APPROXIMATE. ONLY CITY UTILITIES ARE SHOWN.
- THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES.
- BEFORE COMMENCING WORK, BC ONE-CALL PROVIDES UNDERGROUND UTILITY LOCATIONS (1-800-474-6886).
- SANITARY SERVICE CONNECTIONS TO BE 100mm Ø PVC PIPE SDR28 FOR EACH BUILDING CLUSTER @ MIN. 1.0%.
- BASEMAP WAS IMPORTED FROM CITY OF COQUITLAM G.I.S. COORDINATE GEOMETRY. ACCURACY IS ESTIMATED AT ±0.1m.

STORM SEWER NOTES:

- ALL STORM, SANITARY AND BEDDING MATERIALS TO MEET MASTER MUNICIPAL CONTRACT DOCUMENTS (MMCD).
- ALL MANHOLES TO BE 1050mm Ø PRECAST REINFORCED CONCRETE TO ASTM C475 OR AS NOTED ON DRAWINGS.
- CATCH BASINS ARE TO CONFORM TO MMCD S11.
- CATCH BASIN LEADS ARE TO BE A MINIMUM 150mm Ø PVC DR28 (200mm Ø FOR DOUBLE C.B.'S), UNLESS OTHERWISE NOTED, @ MIN. 1.0%.
- CONTRACTOR TO CAP ALL SERVICE CONNECTIONS AS SHOWN.
- ALL SANITARY CLEANOUTS AS PER MMCD-S6, (MIDBLOCK CLEANOUT WITH DOBNEY 200 CLEANOUT No. D14-A)
- CONTRACTOR TO CONFIRM LOCATION AND INVERTS OF EXISTING STORM AND SANITARY SEWER CONNECTIONS AT TIE-INS PRIOR TO CONSTRUCTION.
- SANITARY AND STORM SEWER PIPES TO BE PVC SDR35.
- STORM SERVICE CONNECTIONS TO BE 150mm Ø PVC SDR28 PIPE FOR EACH BUILDING CLUSTER @ MIN. 1.0%, UNLESS OTHERWISE NOTED.

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Edge of pavement	Hydrant	Sanitary service	Hydro Guy Wire
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Telephone duct, MH	Drainage cleanout	Junction box	Survey Monument

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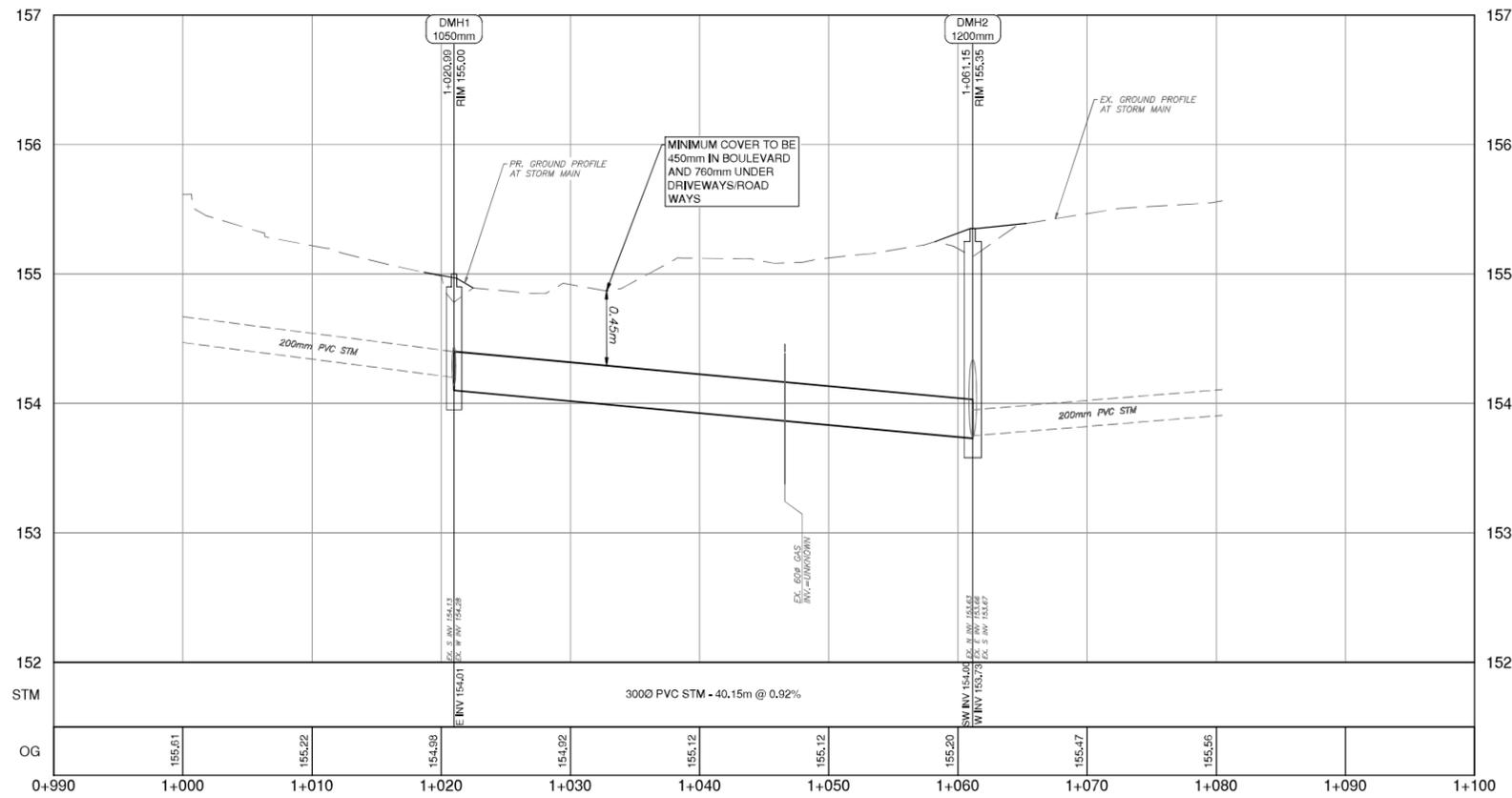
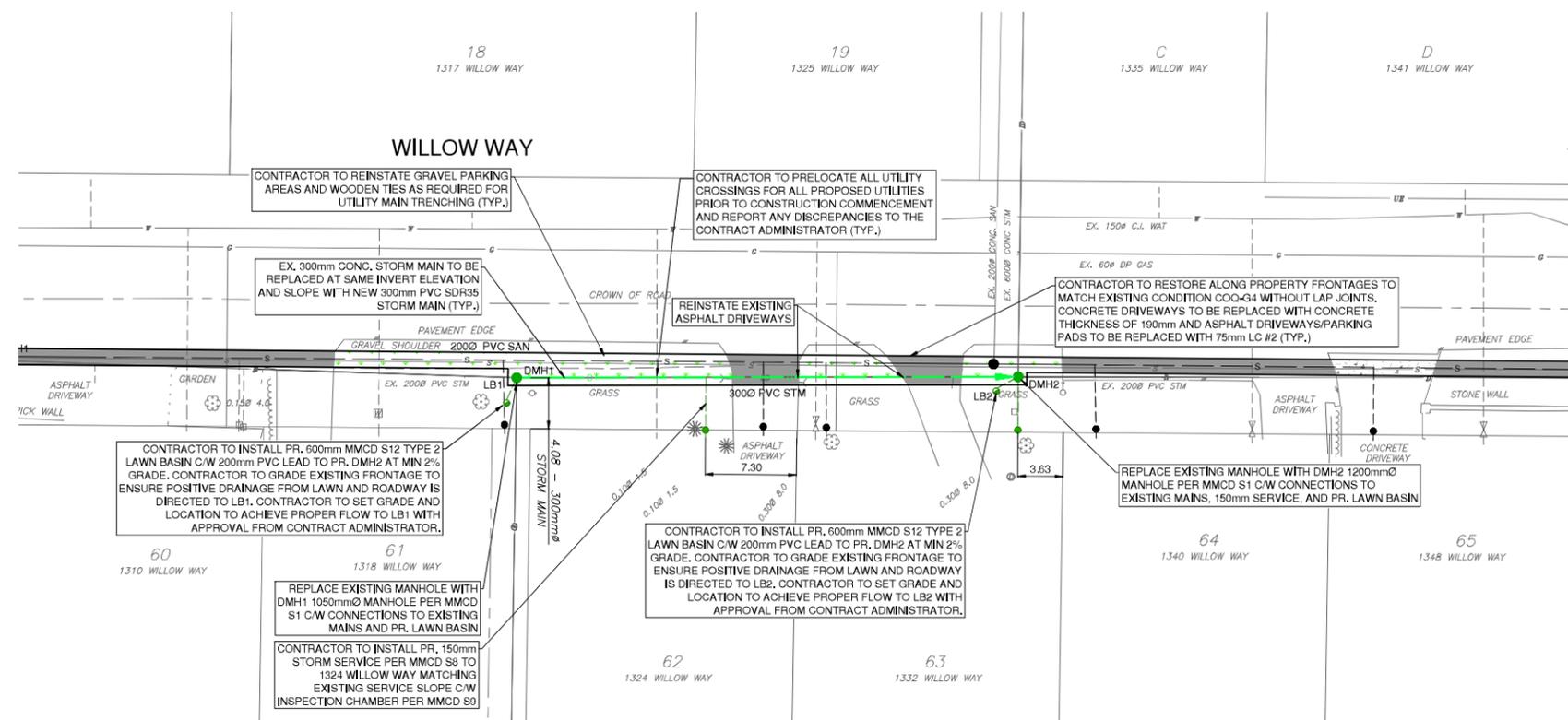
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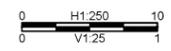
Coquitlam
 Engineering & Public Works
 3000 Gulfport Way, Coquitlam, B.C., V3B 7N2

Scale horiz. 1:2000 Scale vert. N/A
 Sheet 01 of 04
 Eng. Project No. 2111-06679-00

Project 2026 UTILITY UPGRADES HARBOUR CHINES AREA
 Description SITE PLAN
 File: 06679-C0-000



LAWN BASINS				
NAME	TYPE	STATION OFFSET	GRATE ELEV	COORDINATES
LB1	MMCD S12 TYPE 2 LAWN BASIN	1+020.24 1.85 R	154.780	N 545949.1,950 E 510660.411
LB2	MMCD S12 TYPE 2 LAWN BASIN	1+059.39 0.95 R	155.130	N 5459492,613 E 510699,621



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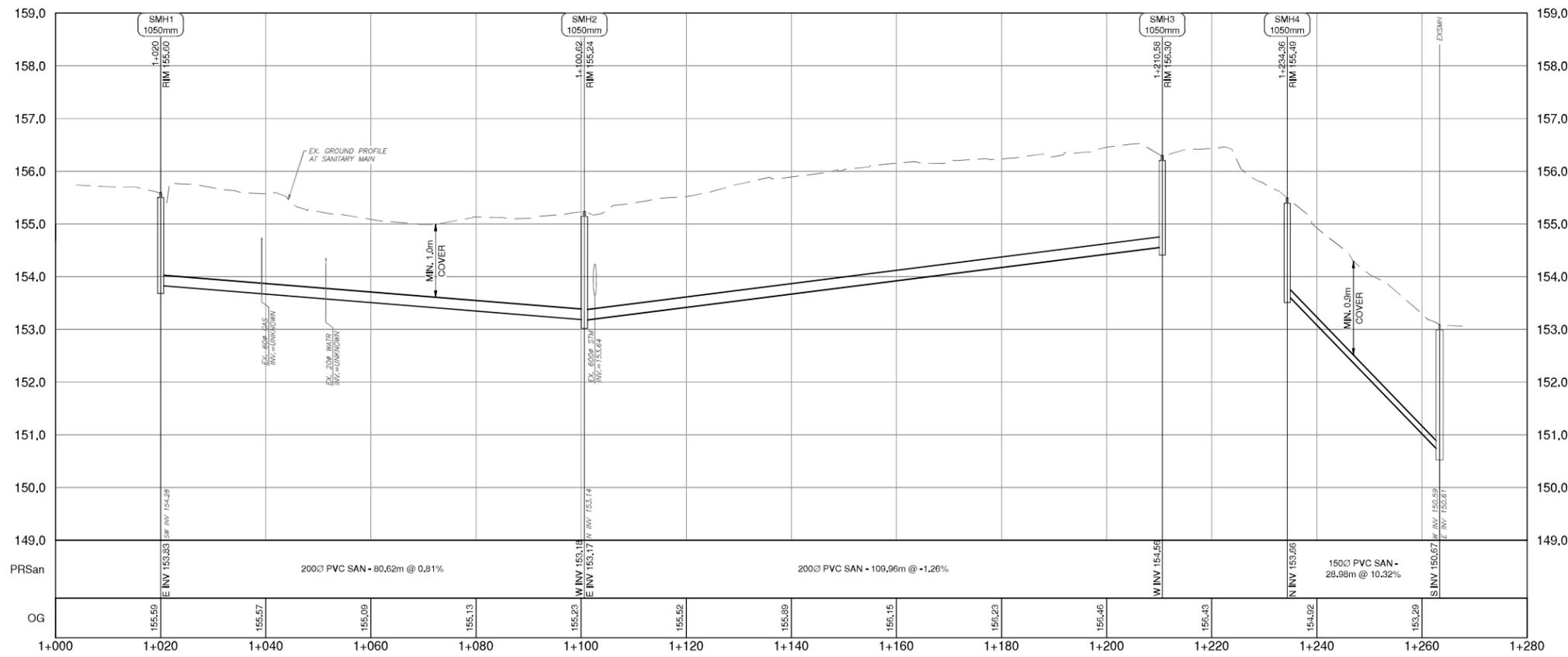
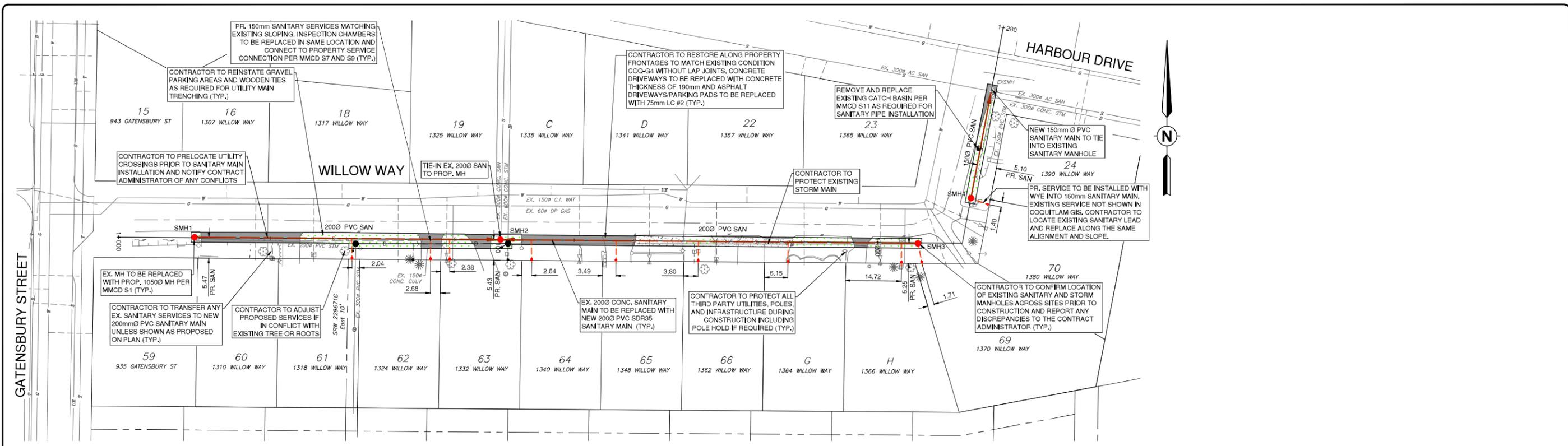
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 # 8824



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

Scale horiz. 1:250 Scale vert. 1:25
 Sheet 02 of 04
 Eng. Project No. 2111-06679-00

Project 2026 UTILITY UPGRADES
 HARBOUR CHINES AREA
 Description STORM SEWER
 WILLOW WAY - STA. 1+020 TO STA. 1+263
 File: 06679-C1-300



Edge of pavement	Hydrant	Sanitary service	Hydro Guy Wire
Watermain and valve	Water air valve	Sanitary cleanout	Hydra Kiosk
Drainage sewer, MH	Water blowoff	Utility pole (joint pole)	Vegetation Conifer
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Gasmain and valve	Comb. signal pole	Survey iron pin	Survey Lead Plug
Hydro duct, MH	Drainage service	Traffic signal pole	Survey Monument
Telephone duct, MH	Drainage cleanout	Junction box	

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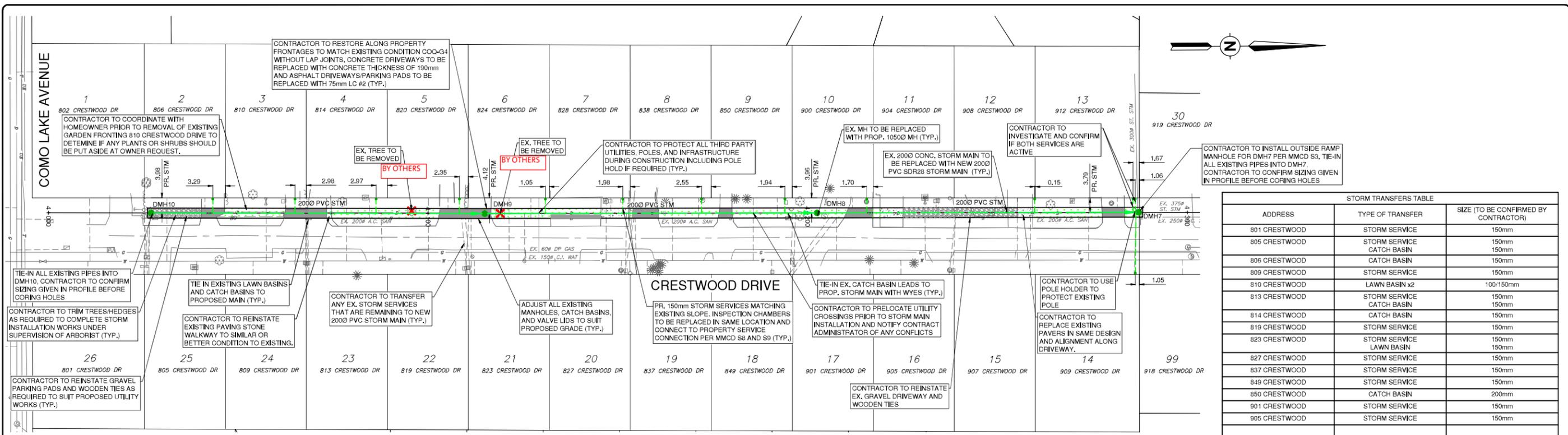
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 3000 GulfWard Way, Coquitlam, B.C. V3B 7N2

Scale: 1:500 (horiz), 1:50 (vert)
 Sheet: 03 of 04
 Eng. Project No.: 2111-06679-00

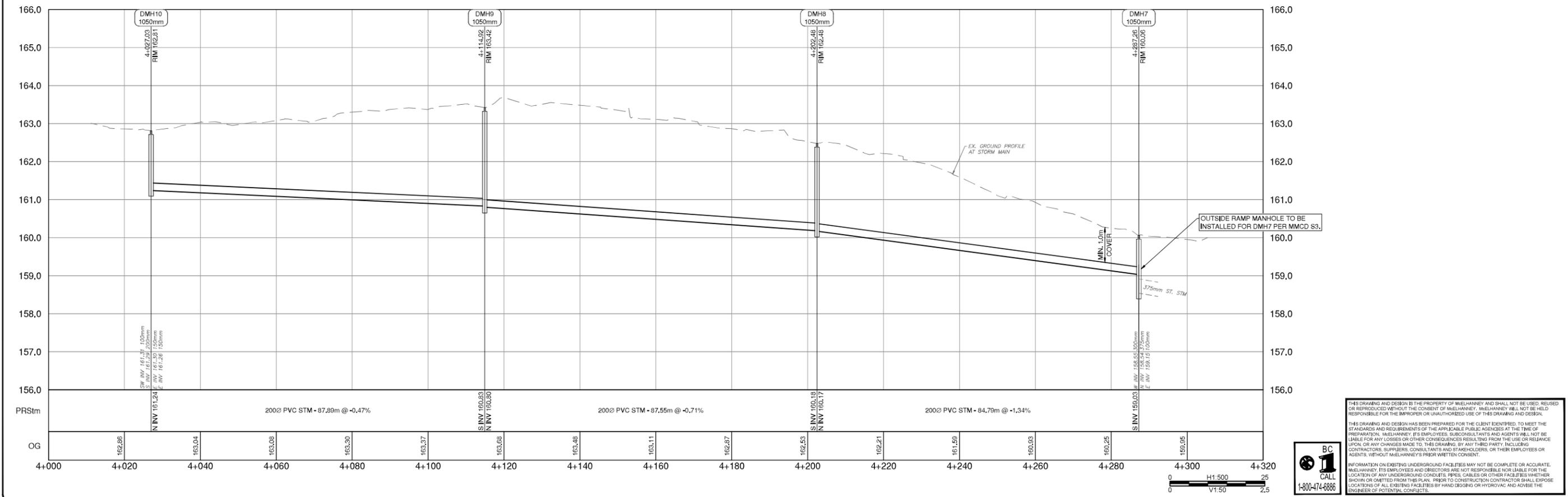
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BC 1 CALL 1-800-474-6886

Project: **2026 UTILITY UPGRADES HARBOUR CHINES AREA**
 Description: **SANITARY SEWER**
 File: 06679-C1-400



STORM TRANSFERS TABLE		
ADDRESS	TYPE OF TRANSFER	SIZE (TO BE CONFIRMED BY CONTRACTOR)
801 CRESTWOOD	STORM SERVICE	150mm
805 CRESTWOOD	STORM SERVICE	150mm
806 CRESTWOOD	CATCH BASIN	150mm
809 CRESTWOOD	STORM SERVICE	150mm
810 CRESTWOOD	LAWN BASIN x2	100/150mm
813 CRESTWOOD	STORM SERVICE	150mm
814 CRESTWOOD	CATCH BASIN	150mm
819 CRESTWOOD	STORM SERVICE	150mm
823 CRESTWOOD	STORM SERVICE	150mm
827 CRESTWOOD	STORM SERVICE	150mm
837 CRESTWOOD	STORM SERVICE	150mm
849 CRESTWOOD	STORM SERVICE	150mm
850 CRESTWOOD	CATCH BASIN	200mm
901 CRESTWOOD	STORM SERVICE	150mm
905 CRESTWOOD	STORM SERVICE	150mm



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MELHANNY INC.
A. F. J. GONZALEZ # 8824

Coquitlam

Engineering & Public Works

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

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Sheet 04 of 04

Eng. Project No. 2111-06679-00

Project 2026 UTILITY UPGRADES HARBOUR CHINES AREA

Description STORM SEWER

CRESTWOOD DRIVE - STA. 4+027 TO STA. 4+287

File: 06679-C4-300