# CITY OF NEW WESTMINSTER

## ATNP YEAR 2 IMPROVEMENTS

## Project No. 1274.0076.01




SITE LOCATION
SCALE 1:7500

Sheet List Table


| | |
|---|---|
| C00 | COVER |
| C01 | LEGEND |
| C02 | GENERAL NOTES |
| C03 | LONDON STREET - 0+000 TO 0+298 |
| C04 | LONDON STREET - 0+298 TO 1+079 |
| C05 | LONDON STREET - 1+079 TO 1+811 |
| C06 | LONDON STREET - 1+811 TO 2+477 |
| C07 | LONDON STREET - 2+447 TO 2+802 (8TH STREET QUICK-BUILD) |
| C08 | 8TH 9TH 10TH STREET - 0+000 TO 0+685 |
| C09 | 8TH 9TH 10TH STREET - 0+617 TO 0+910 |
| C10 | 8TH 9TH 10TH STREET - PLAZA MARKING LAYOUT |
| C11 | 8TH 9TH 10TH STREET - 0+910 TO 1+650 |
| C12 | 8TH 9TH 10TH STREET - 1+650 TO 2+130 |
| C13 | 8TH 9TH 10TH STREET - 2+130 TO 2+450 |
| C14 | DETAILS |
| C15 | DETAILS |
| C16 | DETAILS |
| C17 | DETAILS |
| C18 | DETAILS |


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MAY 7, 2026
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ATNP YEAR 2 IMPROVEMENTS / 2174.0076.01 / MAY 2026

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ISO expand A1 (841.00 x 594.00 MM) 25mm

## ROADS

| | EXISTING | PROPOSED | FUTURE |
|---|---|---|---|
| Road Centre Line | | | |
| Edge of Gravel Road | | | |
| Edge of Pavement | | | |
| Edge of Road Shoulder | | | |
| Concrete Curb and Gutter | | | |
| Asphalt Curb and Gutter | | | |
| Sign - Single Post | Sn | | |

## PAVEMENT MARKINGS

| | EXISTING | PROPOSED | FUTURE |
|---|---|---|---|
| Paintline - Continuity | 3 3 3 | 3 3 3 | 3 3 3 |
| Paintline - Lane Marking | 6 3 6 | 6 3 6 | 6 3 6 |
| Paintline - Intersection Tracking | | | |
| Paintline - Solid Yellow/White | | | |
| Universally Accessible Parking | | | |
| Informational Directional Arrows | | | |
| Painted Directional Arrows | | | |
| Bicycle Marker | | | |
| Reserved Lane Marker | | | |
| Paintline - Bicycle Crossing | | | |
| Shared Use Marker | | | |

## LEGAL & SURVEY

| | EXISTING | PROPOSED | FUTURE |
|---|---|---|---|
| Block Line | | | |
| Lot Line | | | |
| Easement/Right-of-Way | | | |
| Control Point | CP No. | | |
| Survey Monument | MON. No. | | |
| Survey Spike | SPIKE | | |
| Survey Iron Bar | BAR | | |
| Iron Pin | IP | | |
| Test Pit/Bore Hole | TH–No. | | |

## TOPOGRAPHY & GRADING

| | EXISTING | PROPOSED | FUTURE |
|---|---|---|---|
| Top | | | |
| Toe | | | |
| Breakline | | | |
| Major Contour Interval | 500 | 500 | 500 |
| Minor Contour Interval | 495.5 | 495.5 | 495.5 |
| Water Edge | | | |
| Center of Water Way | | | |
| Daylight Line | | | |
| Spot Elevation | | 681.270 | 681.760 |
| Slope Arrow | 2.0% | 2.00% | 2.00% |

## STRUCTURES

| | EXISTING | PROPOSED | FUTURE |
|---|---|---|---|
| Building Face | | | |
| Fence (Generic) | | | |
| Fence (Barbed Wire) | | | |
| Fence (Chain Link) | | | |
| Fence (Wood Panel) | | | |
| Fence (Post & Cable) | | | |
| Railway Centre Line | | | |
| Retaining Wall | | | |
| Guardrail | | | |
| Mailbox | | | |
| Bollard | | | |

## STORM

| | EXISTING | PROPOSED | FUTURE |
|---|---|---|---|
| Main | D | D | D |
| Main (in Profile) | D | | |
| Forcemain | D | D | D |
| Forcemain (in Profile) | | | |
| Culvert | | | |
| Service | | | |
| Catch Basin Lead | | | |
| Ditch | | | |
| Grass Swale | | | |
| Water CL | | | |
| Waterbody | | | |
| Waterway | | | |
| Manhole | | | |
| Catch Basin | | | |
| Side Inlet Catch Basin | | | |
| Catch Basin | | | |
| Lawn Drain | | | |
| Silt Trap | | | |
| Cleanout | | | |
| Inspection Chamber | | | |
| House Connection | | | |
| Service | | | |
| Cap | | | |
| Culvert Inlet/Outlet Structure | | | |
| Ditch | | | |
| Swale | | | |

## WATER

| | EXISTING | PROPOSED (NOT USED) | FUTURE (NOT USED) |
|---|---|---|---|
| Main | | | |
| Main (in Profile) | | | |
| Service | | | |
| Hydrant Lead | | | |
| Hydrant | | | |
| Air Valve | | | |
| Blow-Off | | | |
| Manhole | | | |
| Meter | | | |
| Cap | | | |
| Valve | | | |
| Water Chamber | | | |
| Water Flush | | | |
| Water Service | | | |
| Irrigation Control Valve | | | |

## LANDSCAPE & VEGETATION

| | EXISTING | PROPOSED | FUTURE |
|---|---|---|---|
| Treeline | | | |
| Coniferous Tree | | | |
| Deciduous Tree | | | |
| Tree of Unspecified Type | | | |
| Shrub | | | |

## SANITARY

| | EXISTING | PROPOSED (NOT USED) | FUTURE (NOT USED) |
|---|---|---|---|
| Main | | | |
| Main (in profile) | | | |
| Force Main | | | |
| Service | | | |
| Manhole (arrow indicates incoming flow) | S1 | | |
| High Point Manhole | S1 LS | | |
| Lift Station | | | |
| Cap | | | |
| Cross | | | |
| Tee | | | |
| Reducer | | | |
| Coupling | | | |
| Valve | | | |

## MISCELLANEOUS UTILITIES

| | EXISTING | PROPOSED | FUTURE |
|---|---|---|---|
| Utility Line | | | |
| Municipal Power Line | UE | UE | UE |
| Hydro/Power Line | UE | UE | UE |
| Cable Line | C | C | C |
| Telephone Line | T | T | T |
| Overhead Line | O/H | O/H | O/H |
| Traffic Conduit | | | |
| Gas Line | G | G | G |
| Utility Manhole | | | |
| Utility Junction Box | | | |
| Utility Power Box | | | |
| Hydro Pole Luminaire | | | |
| Hydro/Telephone Pole | | | |
| Pedestrian Scale Light Pole | | | |
| Davit Street Light Pole | | | |
| Davit Combination Street Light Pole | | | |
| Fixture on Existing Light Pole | | | |
| MMCD Service Base C/W Cellular Antena | | | |
| Special Crosswalk with Flashers | | | |
| Lighting Traffic Signal Pole | | | |
| Traffic Signal Pole | | | |
| Traffic Controller Cabinet | | | |
| Traffic Push Button Pole | | | |
| Telephone Guy Wire | | | |
| Gas Valve | | | |

## GENERAL

| | | | |
|---|---|---|---|
| Callout Label | 1 SHEET# | Sheet Match Line | 10+000 – SEE SHEET XX |
| Detail Label | 1 SHEET# DETAIL DESCRIPTION NOT TO SCALE | Limit of Proposed Construction | LIMIT OF CONSTRUCTION 10+000 |
| Section Indicator | A SHEET# | Project Boundary | |
| Section Label | A SHEET# SECTION DESCRIPTION SCALE | Revision Identifier | 1 |

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PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA S. C. FAN # 46309 ENGINEER
2026-05-07

PERMIT TO PRACTICE
URBAN SYSTEMS LTD.
Signature
Date 2026-05-07
PERMIT NUMBER: 1000527
Engineers and Geoscientists BC (EGBC)

| # | Date | Issue / Revision | App |
|---|---|---|---|
| A | 2026-01-19 | Issued for 100% Design | BF |
| B | 2026-04-17 | Issued for Tender | BF |

New Westminster

URBAN SYSTEMS

Scale NOT TO SCALE

Quality Control by Barry Fan
Designed by Evan Sweetland
Drawn by Evan Sweetland

ATNP YEAR 2 IMPROVEMENTS
LEGEND

Sheet Number 2 of 18
Project Number 1274.0076.01
Drawing Number C01
Revision B

NOT FOR CONSTRUCTION

ANSI expand D (34.00 x 22.00 Inches) 25mm 0

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## GENERAL CONSTRUCTION NOTES:

1. ALL MATERIAL SUPPLIED AND CONSTRUCTION PERFORMED SHALL BE ACCORDANCE WITH THE CITY OF NEW WESTMINSTER DESIGN CRITERIA, THE LATEST EDITION OF WORKSAFE BC, THE 2009 EDITION OF THE MASTER MUNICIPAL CONSTRUCTION DOCUMENTS (MMCD PLATINUM EDITION), AND ANY OTHER APPLICABLE DESIGN CRITERIA, SPECIFICATIONS, STANDARD DRAWINGS, AND CONSTRUCTION SPECIFICATIONS.
2. ALL MATERIAL TESTING MUST BE DONE IN ACCORDANCE WITH THE MMCD; TESTING TO BE CARRIED OUT BY QUALIFIED MATERIAL TESTING FIRM AND PAID FOR BY THE CONTRACTOR. THE CONTRACTOR IS TO PROVIDE COPIES OF ALL TEST RESULTS TO THE CONTRACT ADMINISTRATOR. THE CONTRACTOR IS TO NOTIFY THE CONTRACT ADMINISTRATOR 48 HOURS PRIOR TO CONSTRUCTION AND VERIFY THEY HAVE THE LATEST DRAWINGS ISSUED FOR CONSTRUCTION.
3. THE CONTRACTOR IS TO NOTIFY THE CITY OF NEW WESTMINSTER ENGINEERING DEPARTMENT 48 HOURS PRIOR TO THE COMMENCEMENT OF A CONSTRUCTION WITHIN THE ROAD ALLOWANCES AND RIGHT-OF-WAYS.
4. ALL WORK SHALL PASS THE INSPECTION OF THE ENGINEERING DEPARTMENT OF THE CITY OF NEW WESTMINSTER.
5. THE CONTRACTOR SHALL HAVE COMPLETE CONTROL OF THE WORK AND SHALL EFFECTIVELY DIRECT AND SUPERVISE THE WORK SO AS TO ENSURE PERFORMANCE WITH THE CONTRACT DOCUMENTS, SUBJECT TO THE OWNER'S RIGHTS AS SPECIALLY SET OUT IN THE CONTRACT DOCUMENTS TO GIVE DIRECTIONS REGARDING WORK, THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES AND FOR COORDINATING THE VARIOUS PARTS OF THE WORK UNDER THE CONTRACT.
6. THE CONTRACTOR SHALL MAINTAIN THE WORK IN A TIDY CONDITION AND FREE FROM THE ACCUMULATION OF WASTE, DEBRIS, AND WASTE PRODUCTS, OTHER THAN THAT CAUSED BY THE OWNER, OTHER CONTRACTORS OR ITS EMPLOYEES.
7. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR CONSTRUCTION SAFETY AT THE PLACE OF WORK AS AND TO THE EXTENT REQUIRED BY APPLICABLE CONSTRUCTION SAFETY LEGISLATION, REGULATIONS AND CODES, INCLUDING THE WORKERS COMPENSATION ACT AND APPLICABLE REGULATIONS, AND BY GOOD CONSTRUCTION PRACTICE.
8. THE CONTRACTOR SHALL ENSURE THAT ALL APPROVALS AND/OR PERMITS REQUIRED FOR THE PROPOSED WORKS HAVE BEEN OBTAINED FROM ALL AUTHORITIES AND AGENCIES PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.
9. WORKSAFE B.C. IS TO BE NOTIFIED PRIOR TO THE START OF CONSTRUCTION.
10. THE LOCATIONS OF THE EXISTING UTILITIES, AS SHOWN ON THE DESIGN DRAWINGS ARE APPROXIMATE ONLY AND THIS INFORMATION MAY NOT BE FULLY ACCURATE OR COMPLETE. PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL LOCATE AND EXPOSE ALL EXISTING UTILITIES AT ALL TIE-IN POINTS, AT ALL POINTS WHERE CONFLICT MAY ARISE DURING THE CONSTRUCTION OF THE PROPOSED WORKS, AND TO CONFIRM DESIGN ELEVATIONS. THE CONTRACTOR SHALL ASSUME ALL COST AND EXPENSES THAT MAY OCCUR FOR DAMAGES, SUPPORT OF, AND REPAIR BY REASON OF THE NEGLIGENCE OF THEIR OPERATIONS. (EXISTING UTILITIES SHOWN ARE DERIVED FROM AS-BUILT INFORMATION AND ALL UTILITIES MAY NOT BE NECESSARILY SHOWN.)
11. THE CONTRACTOR SHALL USE EXTREME CAUTION WHEN WORKING NEAR EXISTING SERVICES AND ANY SERVICE DISTURBED ARE TO BE REPLACED TO THE SATISFACTION OF THE CITY OF NEW WESTMINSTER OR BY OTHER APPROVING AGENCIES.
12. ANY MATERIAL SUBSTITUTION AND/OR CHANGE IN DESIGN MUST OBTAIN WRITTEN APPROVAL FROM THE CONTRACT ADMINISTRATOR PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. THE CONTRACT ADMINISTRATOR SHALL BE NOTIFIED OF ANY SUBSTITUTION AND/OR CHANGE IN DESIGN.
13. CONTRACTOR TO IDENTIFY ANY SURVEY MONUMENTS AND LEAD PLUGS THAT MAY BE DISTURBED DURING CONSTRUCTION AND ARRANGE WITH THE CITY ENGINEERING AND OPERATIONS DEPARTMENT AT LEAST 72 HOURS IN ADVANCE OF SCHEDULING WORK. ALL SURVEY MONUMENTS, BENCHMARKS, AND LEGAL PINS MUST BE PROTECTED, AND ANY DAMAGE CAUSED BY THE NEGLIGENCE OF THE CONTRACTOR SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
14. ALL EXISTING IMPROVEMENTS INCLUDING EXISTING LANDSCAPING, FENCES, SIDEWALKS, RETAINING WALLS, ETC. SHALL BE RESTORED TO THE SATISFACTION OF THE CITY OF NEW WESTMINSTER. IN SPECIAL CASES, THE CITY OF NEW WESTMINSTER MAY REQUIRE WRITTEN ACCEPTANCE BY THE AFFECTED PROPERTY OWNERS FOR RESTORATION WORKS PERFORMED BY THE CONTRACTOR.
15. THE CONTRACTOR SHALL REPAIR OR REPLACE ANY EXISTING ROAD SURFACES, SERVICES, SIGNS, LANDSCAPING, DRIVEWAY LETDOWNS, PRIVATE LANDSCAPING, OR PRIVATE IMPROVEMENTS THAT MAY BE DAMAGED AS A RESULT OF CONSTRUCTION. REPAIRS TO EXISTING CITY SERVICES SUCH AS WATER, SANITARY SEWER, STORM SEWER, AND STREET OR TRAFFIC LIGHTING SHALL BE MADE BY THE OWNER AT COST TO THE CONTRACTOR. REPAIRS TO EXISTING SURFACE WORKS MAY BE DONE BY THE CONTRACTOR AT THE DISCRETION OF THE CONTRACT ADMINISTRATOR.
16. JUNCTION BOXES, VALVE COVERS, MANHOLE FRAMES AND COVERS WITHIN THE PAVED ROADWAYS TO BE LEFT LOW AT BASE LEVEL AT THE TIME OF BASE LIFT ASPHALT AND RAISED JUST PRIOR TO THE FINAL LIFT OF PAVING.
17. ALL PAVEMENT MARKINGS, LINE PAINTING, DIRECTIONAL LINES/ARROWS ETC. SHALL BE PLACED IN ACCORDANCE WITH THE DESIGN DRAWINGS INCLUDING ERADICATION OF ANY EXISTING PAVEMENT MARKINGS.
18. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR PROVIDING THE NECESSARY FIELD SURVEYS TO PERMIT THE LAYOUT, CONSTRUCTION AND MEASUREMENT OF QUANTITIES OF THE WORK FOR PAYMENT. NO ADDITIONAL PAYMENT WILL BE MADE FOR THIS FIELD SURVEY, WHICH IS DEEMED TO BE INCLUDED IN THE UNIT PRICES TENDERED FOR THE ITEMS IN THE SCHEDULE OF QUANTITIES AND PRICES.
19. THE CONSULTANT WILL PROVIDE THE CONTRACTOR WITH HORIZONTAL AND VERTICAL SURVEY CONTROLS. THE CONTRACTOR SHALL GIVE NOTICE OF THEIR SURVEY REQUIREMENTS AT LEAST TWO WORKING DAYS IN ADVANCE OF THE WORK AND SHALL PROTECT AND MAINTAIN THE CONTROLS PROVIDED. THE CONTRACTOR SHALL ENSURE THAT THE AREAS RECEIVING THE CONTROLS ARE UNOBSTRUCTED AND CLEAR OF DEBRIS, EQUIPMENT,AND EXCAVATIONS AND ANY OTHER WORK PRIOR TO REQUESTING THE CONTROLS. RE-ESTABLISHMENT OF CONTROLS,SURVEY POSTS AND BENCHMARKS WHICH ARE DAMAGED, OR LOST SHALL BE AT THE CONTRACTOR'S EXPENSE.
20. CONTRACTOR SHALL MAINTAIN SERVICES AND ACCESS TO EXISTING RESIDENCES AND BUSINESSES AT ALL TIMES. ANY DISRUPTIONS THAT ARE UNAVOIDABLE WILL REQUIRE A MINIMUM OF 48 HOUR NOTICE.
21. CONTACT NEW WESTMINSTER ENGINEERING DEPARTMENT. MIN. 48HRS PRIOR TO COMMENCEMENT OF CONSTRUCTION TO ARRANGE FOR WORKS INSPECTOR.
22. ALL EXCAVATION WITHIN EXISTING TREE DRIP LINES TO BE SUPERVISED BY THE CONTRACT ADMINISTRATOR AND ARBORIST AS REQUIRED. CONTRACTOR TO NOTIFY THE CONTRACT ADMINISTRATOR 48 HOURS PRIOR TO EXCAVATION WORK BENEATH TREE DRIP LINES TO ORGANIZE INSPECTION.
23. THE CONTRACTOR SHALL KEEP RECORD AND PHOTOGRAPH, PRIOR TO CONSTRUCTION, ANY EXISTING FEATURES TO BE DISTURBED. THE CONTRACTOR SHALL RESTORE ALL DISTURBED PAVEMENT, CURBS, SIDEWALKS, LANDSCAPING, FENCES OR ANY OTHER FEATURES AFFECTED BY CONSTRUCTION WORKS TO ORIGINAL CONDITIONS OR BETTER, AND TO THE SATISFACTION OF THE CITY OF NEW WESTMINSTER.
24. THE CONTRACTOR SHALL KEEP PROPER AS-BUILT INFORMATION DURING CONSTRUCTION AND SUBMIT THE INFORMATION TO THE CONTRACT ADMINISTRATOR WITHIN 30 DAYS. THE CONTRACTOR SHALL PROVIDE TO THE CONTRACT ADMINISTRATOR ONE (1) SET OF AS-CONSTRUCTED SITE GRADING, SITE SERVICING, AND SITE ELECTRICAL DRAWINGS SHOWING THE LOCATION AND ELEVATION OF ALL NEW AND EXISTING WORKS ENCOUNTERED ON THE PROJECT.

## ROADWORKS NOTES:

1. THE PROPOSED PAVEMENT STRUCTURE SHALL BE AS DESIGNATED ON THE PLAN VIEW DRAWINGS.
2. ALL VALVE BOXES, MANHOLES, JUNCTION BOXES, ETC. SHALL BE ADJUSTED TO FINISHED GRADE UNLESS NOTED OTHERWISE.
3. LOCATION OF DRIVEWAYS, WHEELCHAIR RAMPS, ETC. SHALL BE CONFIRMED IN THE FIELD PRIOR TO CONSTRUCTION OF THE PROPOSED CONCRETE CURB AND GUTTER.
4. DRIVEWAY CROSSINGS SHALL BE INSTALLED PER THE DETAILS ON THE ROADWORKS DESIGN DRAWINGS.
5. CHANGES IN GRADE SHALL BE FORMED WITH SMOOTH CURVES.
6. THE CONTRACTOR SHALL SAWCUT THE EXISTING PAVEMENT WHERE INDICATED ON THE DRAWINGS OR AS DIRECTED BY THE CONTRACT ADMINISTRATOR.
7. OVER-EXCAVATE (OPTIONAL): WHERE DIRECTED BY THE CONTRACT ADMINISTRATOR, EXCAVATE UNSUITABLE MATERIAL AND REPLACE WITH IMPORTED BASE GRAVEL COMPACTED IN PLACE.
8. ALL DISTURBED BOULEVARD AREAS TO BE RESTORED WITH 150mm SOD UNLESS OTHERWISE NOTED OR DIRECTED BY CONTRACT ADMINISTRATOR. MINIMUM RESTORATION SLOPE 3:1.
9. ERADICATE PAINT LINES AND SYMBOLS WHERE PROPOSED PAVEMENT MARKINGS ARE SHOWN AND THERE IS NO ASPHALT REMOVAL OR MILLING.

## TRAFFIC MANAGEMENT, NOTIFICATION AND APPROVAL NOTES:

1. CONTRACTOR TO SUBMIT, FOURTEEN (14) CALENDAR DAYS PRIOR TO THE START OF CONSTRUCTION, A TRAFFIC MANAGEMENT PLAN (TMP) PROVIDED BY A QUALIFIED TRAFFIC MANAGEMENT COMPANY, AND PREPARED IN ACCORDANCE WITH THE "TRAFFIC CONTROL MANUAL FOR WORK IN ROADWAYS".
2. THE CONTRACTOR SHALL ENSURE THAT ALL APPROVALS REQUIRED FOR THE PROPOSED WORKS HAVE BEEN OBTAINED FROM ALL AUTHORITIES AND AGENCIES PRIOR TO COMMENCING THE WORK.
3. THE CONTRACTOR SHALL MAKE CONTACT WITH APPROPRIATE PERSONNEL AT LEAST 72 HOURS PRIOR TO THE WORK. SCHEDULING AND OTHER CONSTRUCTION CONSTRAINTS IMPOSED BY THESE WORKS SHALL BE TAKEN INTO ACCOUNT.
4. RESIDENTS DIRECTLY AFFECTED BY CONSTRUCTION OF THESE WORKS AND SERVICES SHALL BE GIVEN MINIMUM 10 DAYS WRITTEN NOTICE OF THE PROPOSED START OF CONSTRUCTION. THE CONTRACTOR IS TO DISTRIBUTE A NOTICE OF CONSTRUCTION LETTER TO ALL AFFECTED RESIDENTS AND BUSINESSES. LETTER TO DIRECT INQUIRIES TO CONTRACT ADMINISTRATOR. FOLLOWING CONSTRUCTION ACTIVITY ON ANY PRIVATE PROPERTY, A WRITTEN RELEASE MAY BE REQUIRED FROM THE PROPERTY OWNER AT THE DISCRETION OF THE CITY.
5. APPROVALS FOR REQUIRED TREE CUTTING OR TRIMMING NOT INDICATED IN CONTRACT DRAWINGS SHALL BE OBTAINED BY THE CONTRACTOR FROM THE CITY PRIOR TO WORK BEING PERFORMED.
6. ALL TEMPORARY MARKINGS ARE TO BE REMOVED IMMEDIATELY FOLLOWING INSTALLATION OF PERMANENT MARKINGS.
7. ARBORIST SUPERVISION WILL BE PROVIDED BY THE CITY AND THEIR CONSULTANTS. CONTRACTOR TO COORDINATE AND PROVIDE MINIMUM 72 HOURS WRITTEN NOTICE IN ADVANCE OF WORK IN AREAS REQUIRING ARBORIST SUPERVISION.

## ENVIRONMENTAL NOTES:

1. ALL CATCHBASINS IN PROXIMITY TO TRENCH WORK OR EXPOSED ROAD BASE WILL BE FITTED WITH MANUFACTURED INLET CONTROL DEVICES AND OR 'FILTER SACK' TYPE CATCHBASIN CONTROL (OR APPROVED ALTERNATIVE).
2. AVOID EARTH DISTURBING ACTIVITIES DURING SUBSTANTIAL RAIN EVENTS.
3. AVOID STOCKPILING SOILS, SANDS AND OTHER ERODIBLE MATERIALS ONSITE. IT IS PREFERABLE TO "HOT-LOAD"SOIL DIRECTLY INTO TRUCKS FOR OFFSITE DISPOSAL. IF TEMPORARY WASTE OR SOIL STOCKPILES ARE NECESSARY, MAKE SURE THEY ARE FULLY COVERED WITH POLYETHYLENE DRAWINGING OR TARPS AND WEIGHTED WITH SANDBAGS.
4. TRACKING OF SEDIMENT, SOIL AND/OR ROADBASE FROM WORKSITE TO VEHICLE TRAVEL LANES MUST BE PREVENTED.
5. ROADS MUST BE SWEPT CLEAN OF SOIL, LOOSE ROAD BASE, EARTH AND SEDIMENT. MECHANICAL SWEEPING IS PREFERRED TO MANUAL SWEEPING. HOWEVER, FREQUENT HAND SWEEPING IS PREFERABLE TO ONCE DAILY MECHANICAL SWEEPING.
6. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT NO SEDIMENT OR SEDIMENT LADEN WATER IS DISCHARGED FROM THE WORKS TO THE OWNER'S DRAINAGE SYSTEM .

## ARBORIST NOTES:

1. ARBORIST SUPERVISION WILL BE PROVIDED BY THE CITY AND THEIR CONSULTANTS. CONTRACTOR TO COORDINATE AND PROVIDE MINIMUM 72 HOURS WRITTEN NOTICE IN ADVANCE OF WORK IN AREAS REQUIRING ARBORIST SUPERVISION
2. INSTALL TREE PROTECTION FENCING AROUND ALL TREES WITHIN PROJECT LIMITS AS PER ARBORIST REPORT PRIOR TO START OF CONSTRUCTION.
3. SEE SECTION 5.0 AND APPENDIX 6 OF ARBORIST REPORT FOR CONSTRUCTION GUIDELINES, INCLUDING WORKS NEAR OR WITHIN TREE PROTECTION ZONES (TPZ). ANY EXCAVATION ACTIVITIES NEAR OR WITHIN THE TPZ SHALL BE MONITORED BY THE PROJECT ARBORIST.
4. FOR WORK WITHIN THE TPZ, USE LOW IMPACT METHODS UNDER DIRECTION OF THE PROJECT ARBORIST, INCLUDING USING AN AIR-SPADE TO EXCAVATE THE EXISTING GROUND, AS WELL AS UTILIZING AN AERATED SUB-BASE TO REDUCE COMPACTION AND ALLOW FOR ADDITIONAL GAS EXCHANGE WITHIN THE ROOT ZONE.

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2026-05-07
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Professional Seals




2026-05-07

PERMIT TO PRACTICE
URBAN SYSTEMS LTD.
Signature
Date 2026-05-07
PERMIT NUMBER: 1000527
Engineers and Geoscientists BC (EGBC)

| # | Date | Issue / Revision | App |
|---|---|---|---|
| A | 2026-01-29 | ISSUED FOR 100% DESIGN | BF |
| B | 2026-05-07 | ISSUED FOR TENDER | BF |

New Westminster

URBAN SYSTEMS

Scale NOT TO SCALE

Quality Control by B.FAN
Designed by E.SWEETLAND
Drawn by E.SWEETLAND

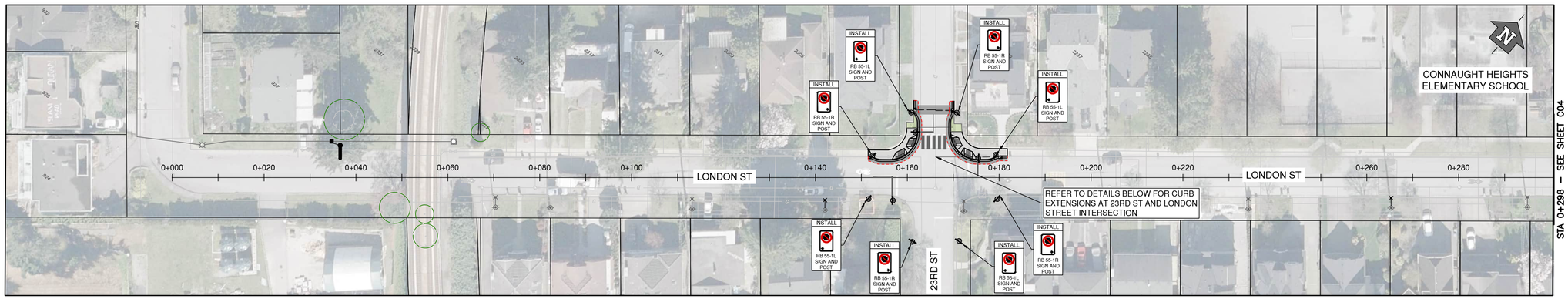
ATNP IMPROVEMENTS YEAR 2
GENERAL NOTES

Sheet Number 2 of 18
Project Number 1274.0076.01
Drawing Number C02
Revision B

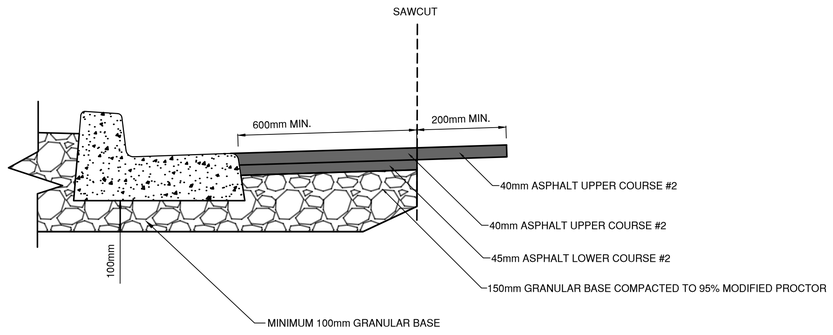
NOT FOR CONSTRUCTION

ANSI expand D (34.00 x 22.00 Inches) 25mm 0

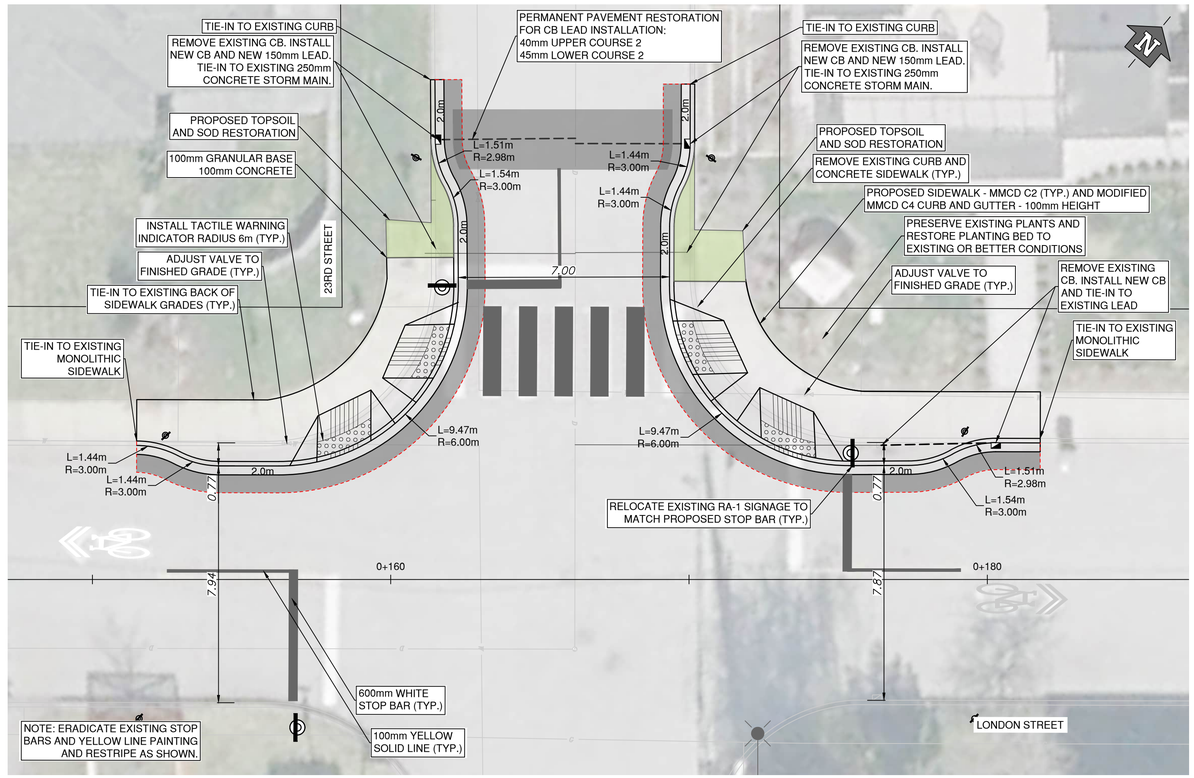
U:\Projects_VAN\1274007601\D-Design\CAD\20_PROD\1274007601 - Bundle 1 - COV.dwg, Layout2-34x22-HORZ INDEX, 2026-05-07 02:08 pm esweetland




## LONDON STREET - STA 0+000 TO 0+298
1:500




## SAW CUT AND LAP JOINT DETAIL
SCALE: N.T.S.




## LONDON STREET / 23RD STREET INTERSECTION
1:100

NOTE: SEE DWG C04 FOR GENERAL SIGNAGE AND PAVEMENT MAKRING NOTES

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MAY 7, 2026
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Professional Seals
S. C. FAN # 49309 — ASSOCIATE MEMBER — ENGINEER — BRITISH COLUMBIA
2026-05-07

PERMIT TO PRACTICE
URBAN SYSTEMS LTD.
Signature
Date 2026-05-07
PERMIT NUMBER: 1000527
Engineers and Geoscientists BC (EGBC)

| # | Date | Issue / Revision | App |
|---|---|---|---|
| A | 2025-04-15 | ISSUED FOR 30% DESIGN | BF |
| B | 2025-09-05 | ISSUED FOR 90% DESIGN | BF |
| C | 2025-09-05 | ISSUED FOR 100% DESIGN | BF |
| D | 2026-05-07 | ISSUED FOR TENDER | BF |

New Westminster

URBAN SYSTEMS

Scale 1:500 (0, 10, 20m)

Quality Control by B.FAN
Designed by E.SWEETLAND
Drawn by E.SWEETLAND

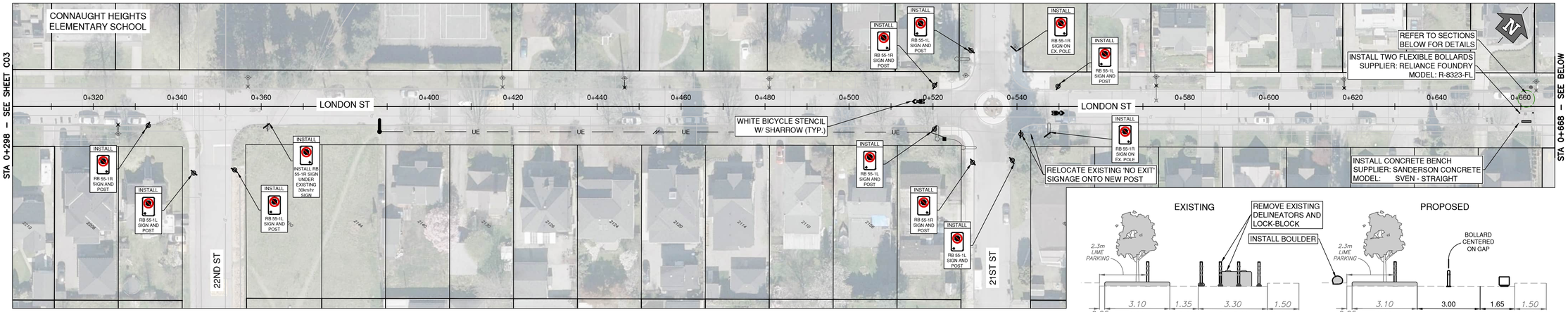
ATNP Year 2 Improvements
London Street

Sheet Number 3 of 18
Project Number 1274.0076.01
Drawing Number C03
Revision D

NOT FOR CONSTRUCTION

ANSI expand D (34.00 x 22.00 Inches) 25mm 0

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## LONDON STREET - STA 0+298 TO 0+668
1:500

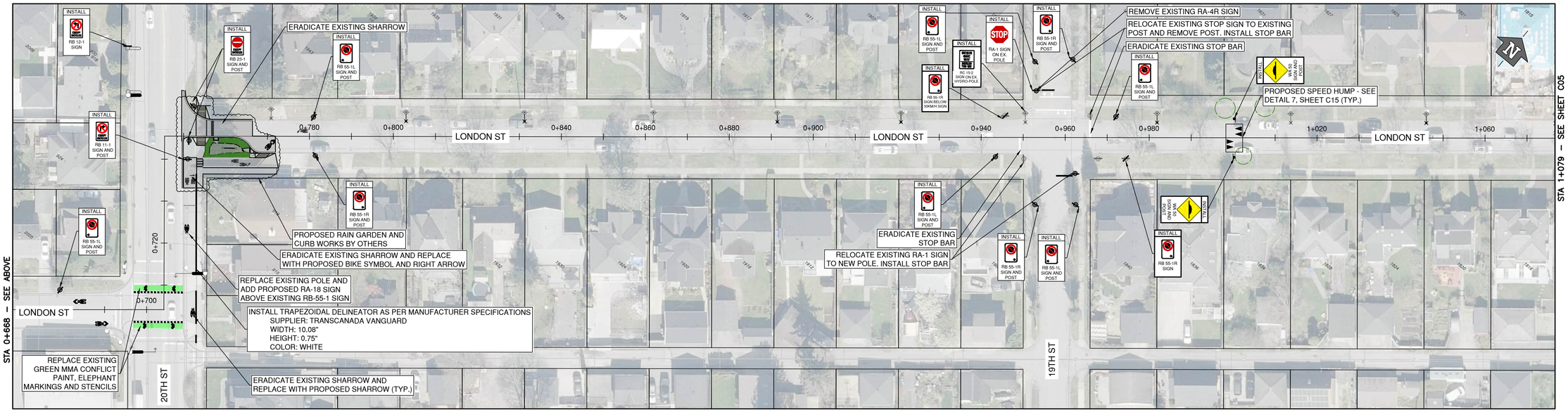
## 0+660 - EXISTING AND PROPOSED SECTIONS
1:100

1:100 0 2 4m

SIGNAGE AND PAVEMENT NOTES:

1. ALL PAVEMENT MARKINGS AND SIGNAGE TO BE IN ACCORDANCE WITH THE MOST RECENT "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR CANADA", AND "TAC BIKEWAY TRAFFIC CONTROL GUIDELINES FOR CANADA" OR AS OTHERWISE NOTED.
2. ALL SIGNS SHOWN ON CONCRETE SHALL BE INSTALLED WITH POST AND SLEEVE. ALL SIGNS SHOWN ON LANDSCAPED BOULEVARD SHALL BE INSTALLED WITH POST AND BASE.
3. STENCILS, BICYCLE SYMBOLS, CROSSWALKS, STOP BARS, AND ELEPHANT'S FEET MARKINGS TO BE SKID RESISTANT MMA PAINT (SYSTEM 400 COLD PLASTIC) WITH LAFRENTZ PATHFINDER HI INDEX BEADS OR APPROVED EQUIVALENT.
4. ERADICATE PAINT LINES AND SYMBOLS WHERE PROPOSED PAVEMENT MARKINGS ARE SHOWN AND THERE IS NO ASPHALT REMOVAL OR MILLING.
5. CONTRACTOR TO CONFIRM LAYOUT OF SIGNAGE AND MARKINGS WITH CONTRACT ADMINISTRATOR PRIOR TO INSTALLATION.

TREE PROTECTION ZONE (TPZ) / CRITICAL ROOT ZONE. SEE ARBORIST REPORT FOR CONSTRUCTION REQUIREMENTS WITHIN AND AROUND TPZ.




## LONDON STREET - STA 0+668 TO 1+079
1:500

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ISSUED FOR TENDER
MAY 7, 2026
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PROFESSIONAL ENGINEER S. C. FAN # 46309 BRITISH COLUMBIA ENGINEER
2026-05-07

PERMIT TO PRACTICE
URBAN SYSTEMS LTD.
Signature
Date 2026-05-07
PERMIT NUMBER: 1000527
Engineers and Geoscientists BC (EGBC)

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| D | 2026-05-07 | ISSUED FOR TENDER | BF |

New Westminster

URBAN SYSTEMS

Scale 1:500 0 10 20m

Quality Control by B.FAN
Designed by E.SWEETLAND
Drawn by E.SWEETLAND

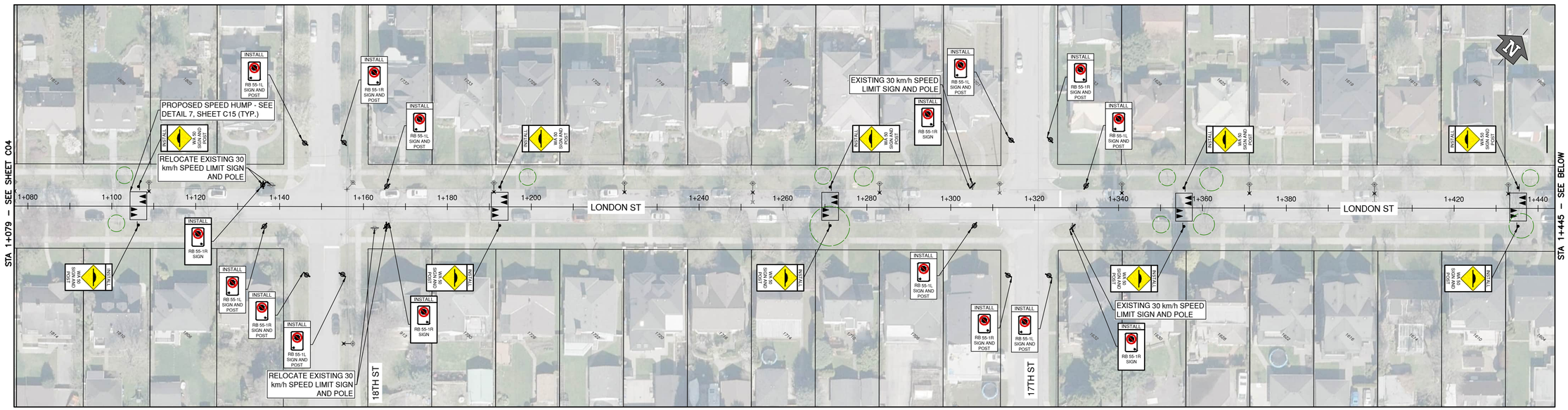
ATNP Year 2 Improvements
London Street

Sheet Number 4 of 18
Project Number 1274.0076.01
Drawing Number C04
Revision D

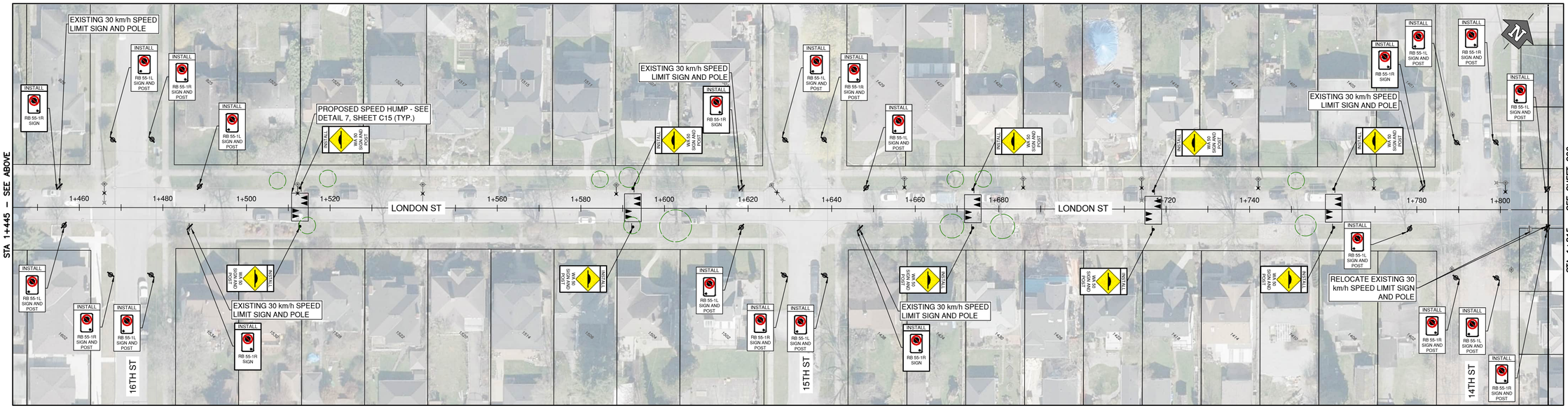
ANSI expand D (34.00 x 22.00 Inches) 25mm 0

NOT FOR CONSTRUCTION

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LONDON STREET - STA 1+079 TO 1+445
1:500




LONDON STREET - STA 1+445 TO 1+815
1:500

NOTES:
1. ALL NO STOPPING SIGNAGE TO BE PLACED 6 METERS FROM THE NEAREST EDGE OF THE CLOSEST SIDEWALK OF AN INTERSECTING STREET, OR WITHIN 6 METERS OF THE NEAREST EDGE OF PAVEMENT WHERE NO SIDEWALK EXISTS.
2. SEE DWG C04 FOR GENERAL SIGNAGE AND PAVEMENT MAKRING NOTES

TREE PROTECTION ZONE (TPZ) / CRITICAL ROOT ZONE. SEE ARBORIST REPORT FOR CONSTRUCTION REQUIREMENTS WITHIN AND AROUND TPZ.

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Prepared by: -
Coordinate System: -
Compilation Date: -

ISSUED FOR TENDER
MAY 7, 2026
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PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
B. S. C. FAN
# 46309
2026-05-07

PERMIT TO PRACTICE
URBAN SYSTEMS LTD.
Signature
Date 2026-05-07
PERMIT NUMBER: 1000527
Engineers and Geoscientists BC (EGBC)

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New Westminster

URBAN SYSTEMS

Scale 1:500 0 10 20m

Quality Control by B.FAN
Designed by E.SWEETLAND
Drawn by E.SWEETLAND

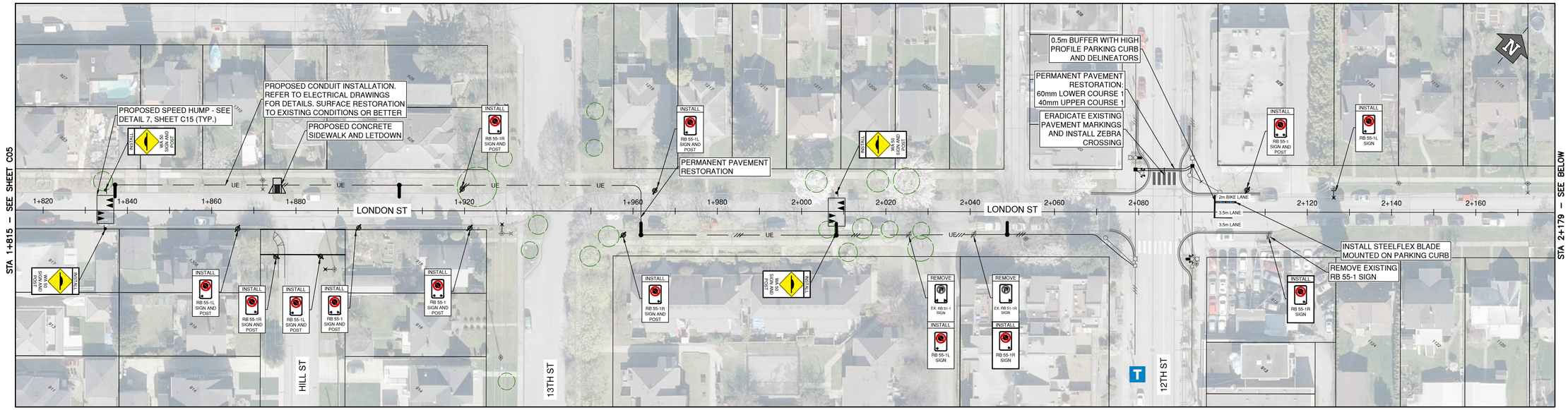
ATNP Year 2 Improvements
London Street

Sheet Number 5 of 18
Project Number 1274.0076.01
Drawing Number C05
Revision D

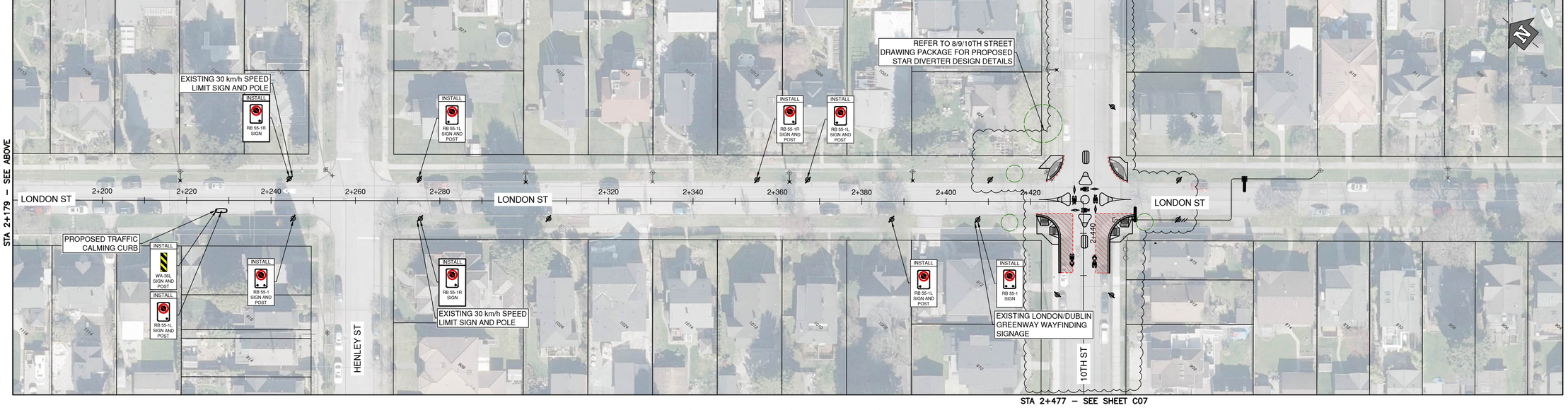
ANSI expand D (34.00 x 22.00 Inches) 25mm 0

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LONDON STREET - STA 1+811 TO 2+179
1:500




LONDON STREET - STA 2+179 TO 2+477
1:500

NOTES:
1. ALL NO STOPPING SIGNAGE TO BE PLACED 6 METERS FROM THE NEAREST EDGE OF THE CLOSEST SIDEWALK OF AN INTERSECTING STREET, OR WITHIN 6 METERS OF THE NEAREST EDGE OF PAVEMENT WHERE NO SIDEWALK EXISTS.
2. SEE DWG C04 FOR GENERAL SIGNAGE AND PAVEMENT MARKING NOTES

TREE PROTECTION ZONE (TPZ) / CRITICAL ROOT ZONE. SEE ARBORIST REPORT FOR CONSTRUCTION REQUIREMENTS WITHIN AND AROUND TPZ.

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Coordinate System: -
Compilation Date: -

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2026-05-07

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URBAN SYSTEMS LTD.
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Engineers and Geoscientists BC (EGBC)

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New Westminster

URBAN SYSTEMS

Scale 1:500 (0, 10, 20m)
Quality Control by B.FAN
Designed by E.SWEETLAND
Drawn by E.SWEETLAND

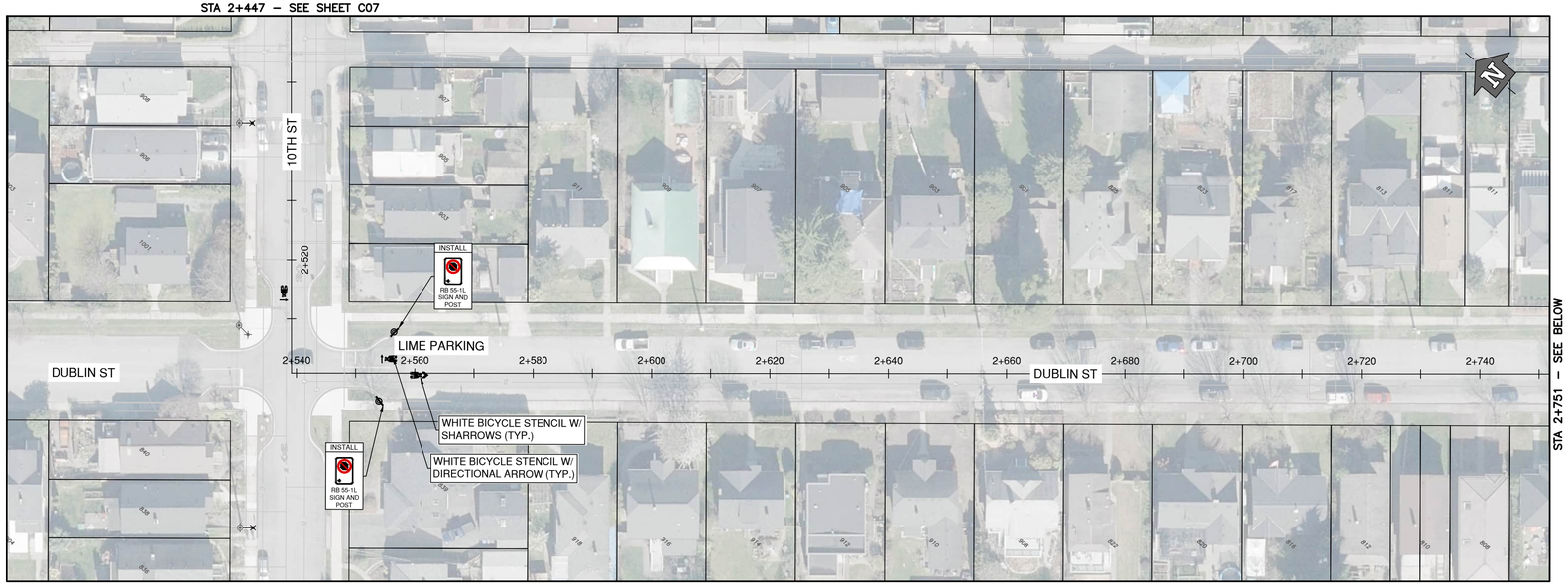
ATNP Year 2 Improvements
London Street
Sheet Number 6 of 18
Project Number 1274.0076.01
Drawing Number C06
Revision D

NOT FOR CONSTRUCTION

ANSI expand D (34.00 x 22.00 Inches) 25mm 0

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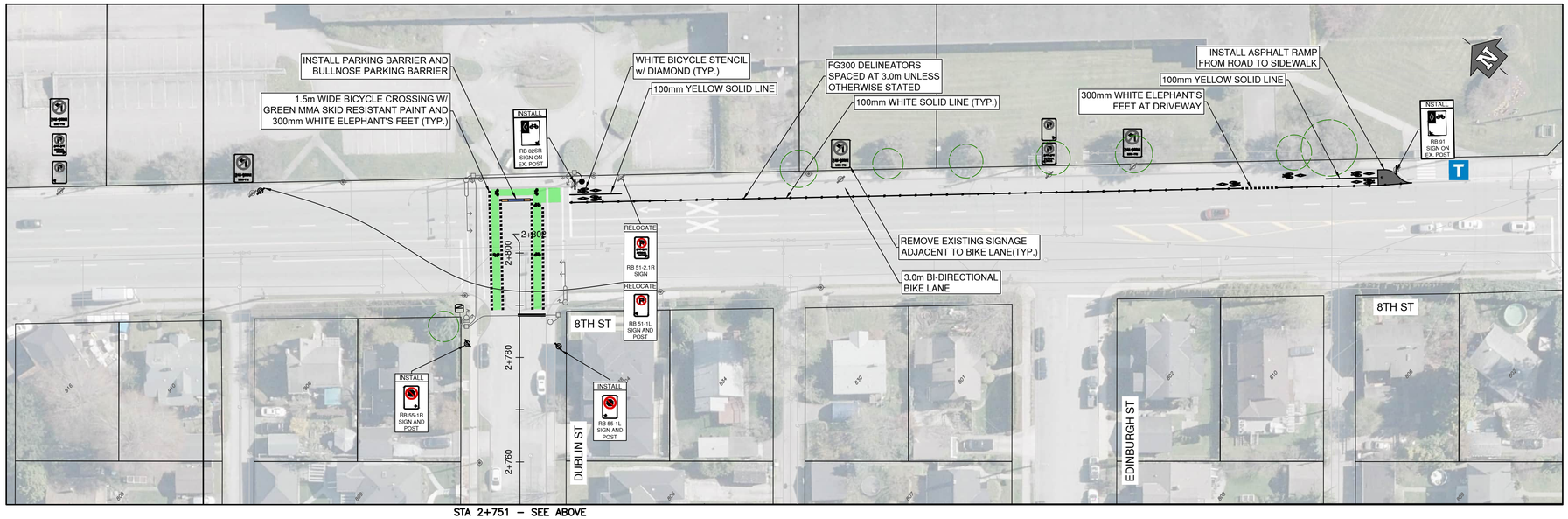
STA 2+447 – SEE SHEET C07




STA 2+751 – SEE BELOW

TREE PROTECTION ZONE (TPZ) / CRITICAL ROOT ZONE. SEE ARBORIST REPORT FOR CONSTRUCTION REQUIREMENTS WITHIN AND AROUND TPZ.

## LONDON STREET - STA 2+447 TO 2+751
1:500




STA 2+751 – SEE ABOVE

PROPOSED CONCRETE BULLNOSE

PROPOSED CONCRETE LOW BARRIER

## EIGHTH STREET - STA 2+751 TO 2+802
1:500

NOTE: SEE DWG C04 FOR GENERAL SIGNAGE AND PAVEMENT MAKRING NOTES

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Coordinate System: -
Compilation Date: -

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2026-05-07

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Engineers and Geoscientists BC (EGBC)

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New Westminster

URBAN SYSTEMS

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Designed by E.SWEETLAND
Drawn by E.SWEETLAND

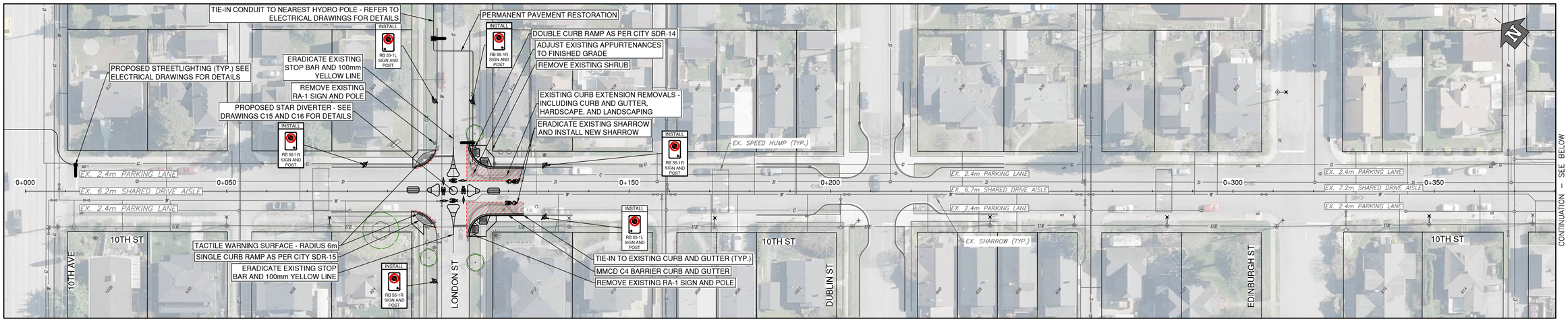
ATNP Year 2 Improvements
London Street

Sheet Number 7 of 18
Project Number 1274.0076.01
Drawing Number C07
Revision D

NOT FOR CONSTRUCTION

ANSI expand D (34.00 x 22.00 Inches) 25mm 0

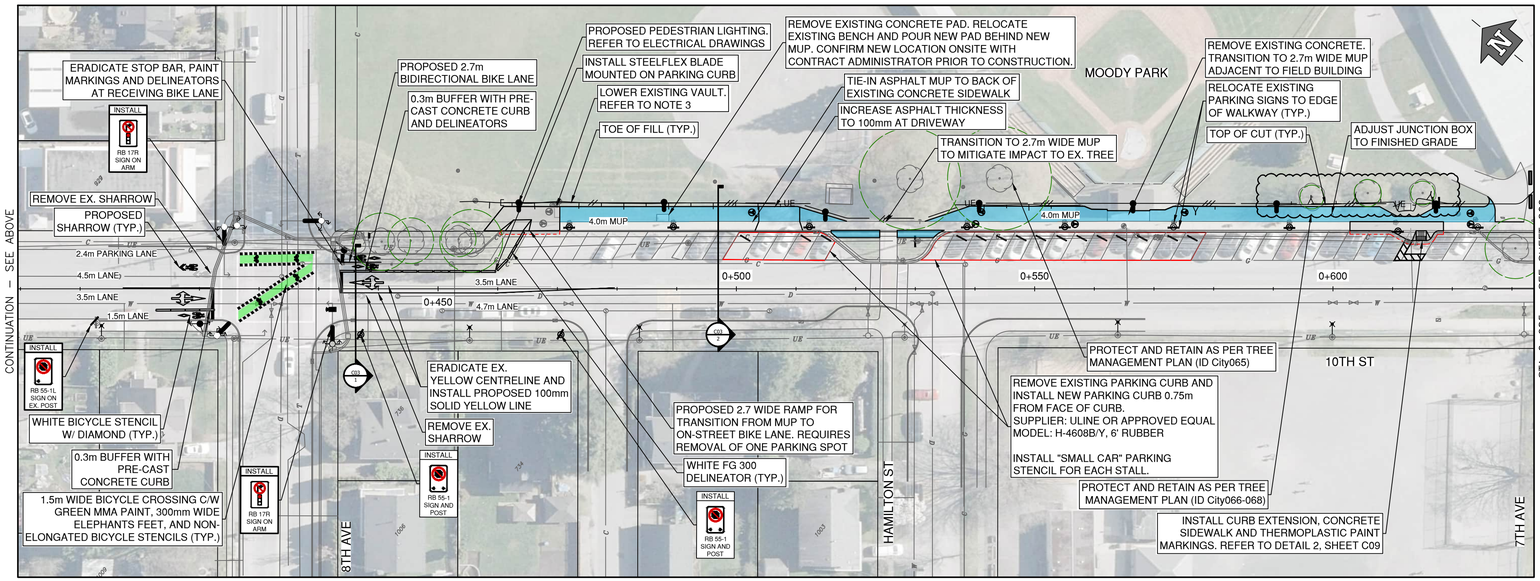
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NOTES:

1. MINIMUM CLEARANCE OF GROUND-MOUNTED SIGNS IS 2.1 METERS FROM THE BOTTOM OF THE SIGN TO THE GROUND
2. ALL DISTURBED BOULEVARD AREAS TO BE RESTORED WITH 150mm SOD UNLESS OTHERWISE NOTED OR DIRECTED BY CONTRACT ADMINISTRATOR. LANDSCAPE RESTORATION AT A MINIMUM 3:1 SLOPE.
3. COORDINATE WITH CITY CREWS AS REQUIRED FOR THE FOLLOWING WORK. CONTRACTOR TO REMOVE EXISTING CONCRETE BOX AND EXPOSE PIPE TO SIDEWALK EDGE FOR CITY REMOVAL OF VALVE ASSEMBLY. CONTRACTOR SHALL INSTALL OWNER-SUPPLIED VAULT AND BACKFILL WITH GRAVEL. CITY TO REINSTALL VALVE ASSEMBLY. CONTRACTOR TO RESTORE ALL DISTURBED HARDSCAPE AND BOULEVARD PER DRAWINGS.

## TENTH STREET - STA 0+000 TO 0+339
1:500



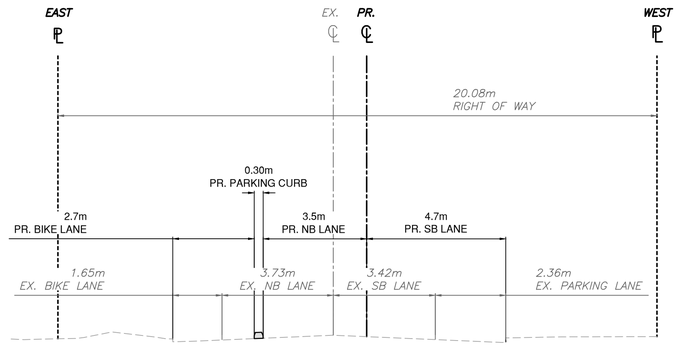

## TENTH STREET - STA 0+339 TO 0+685
1:500

PROPOSED CONCRETE (MMCD C2 UNLESS OTHERWISE NOTED)

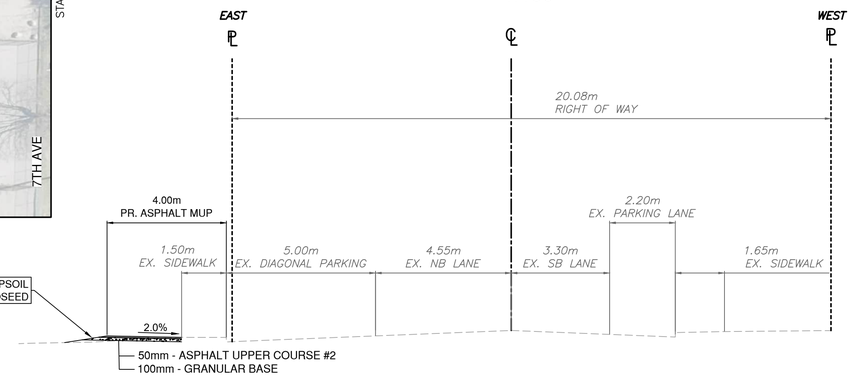
PROPOSED ASPHALT MUP

LOCAL ROADWAY FULL DEPTH ASPHALT PAVEMENT STRUCTURE
- 40mm OF MMCD UPPER COURSE #2 ASPHALT
- 45mm OF MMCD LOWER COURSE #2 ASPHALT C/W TACK COAT
- 100mm OF 19mm MINUS CRUSHED GRANULAR BASE
- FOR WIDENING ROADWAY OR AS DIRECTED BY THE FIELD INSPECTOR, 300mm OF 75mm MINUS CRUSHED GRANULAR SUBBASE
- FULL DEPTH REMOVLAL OF EXISTING ASPHALT OR CONCRETE AND BASE GRAVELS, AS REQUIRED

TREE PROTECTION ZONE (TPZ) / CRITICAL ROOT ZONE. SEE ARBORIST REPORT FOR CONSTRUCTION REQUIREMENTS WITHIN AND AROUND TPZ.




## 1. 10TH STREET BIKE LANE - TYPICAL SECTION
1:100




## 2. 10TH STREET MUP - TYPICAL SECTION
1:100

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2026-05-07
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2026-05-07

PERMIT TO PRACTICE
URBAN SYSTEMS LTD.
Signature
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Engineers and Geoscientists BC (EGBC)

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New Westminster

URBAN SYSTEMS

Scale 1:500 (0, 10, 20m)

Quality Control by B.FAN
Designed by E.SWEETLAND
Drawn by E.SWEETLAND

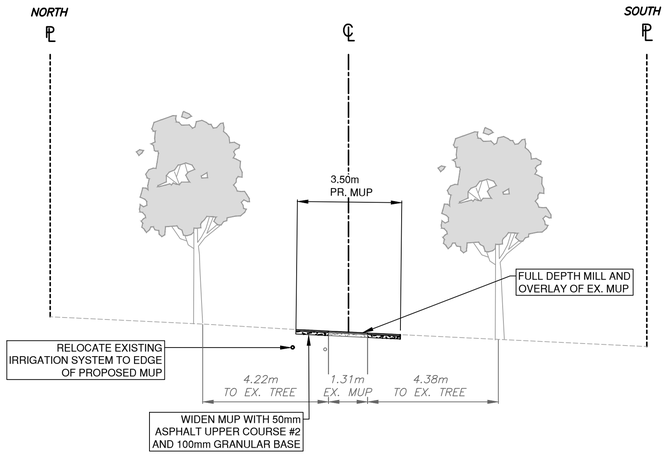
ATNP IMPROVEMENTS YEAR 2
8TH 9TH 10TH STREET

Sheet Number 8 of 18
Project Number 1274.0076.01
Drawing Number C08
Revision D

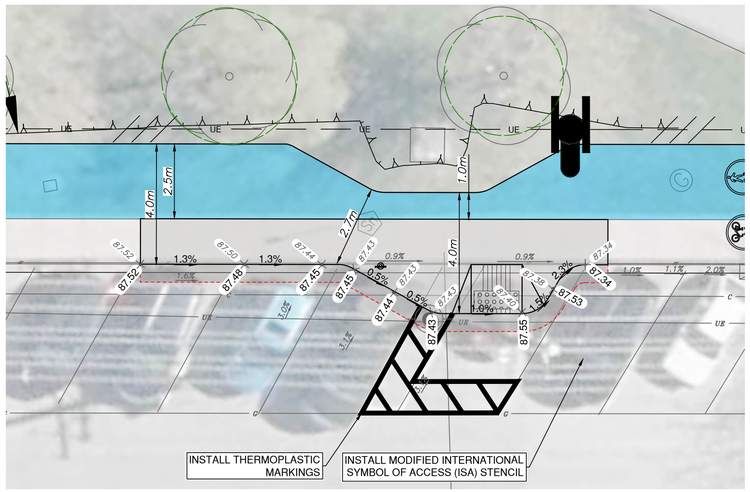
NOT FOR CONSTRUCTION

ANSI expand D (34.00 x 22.00 Inches) 25mm 0

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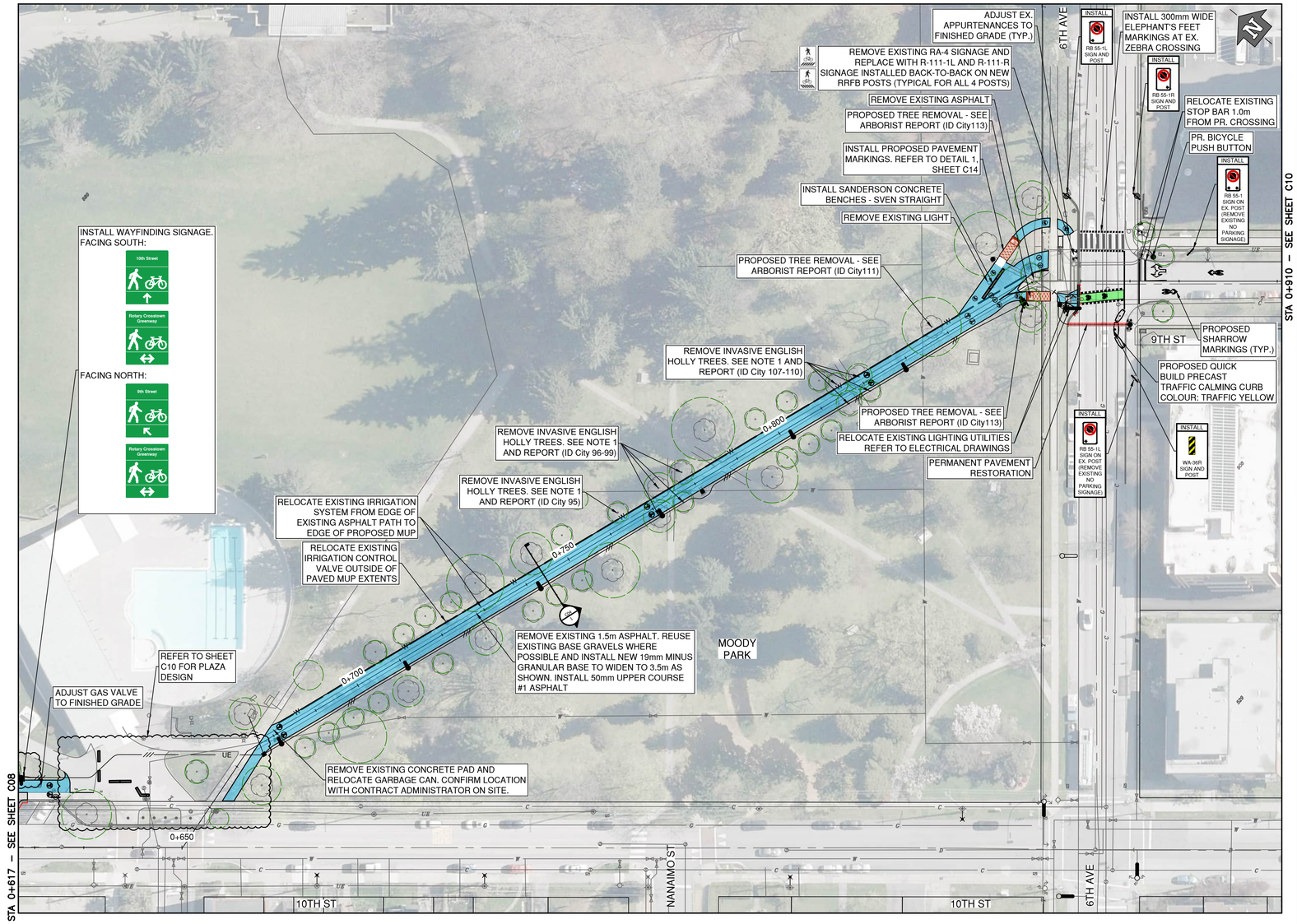



## 1. MOODY PARK MUP TYPICAL SECTION
1:100




1:100 0 2 4m

## 2. ACCESSIBLE STALL SPOT ELEVATIONS
1:100




PROPOSED CONCRETE (MMCD C2 UNLESS OTHERWISE NOTED)

PROPOSED ASPHALT MUP

LOCAL ROADWAY FULL DEPTH ASPHALT PAVEMENT STRUCTURE
40mm OF MMCD UPPER COURSE #2 ASPHALT
45mm OF MMCD LOWER COURSE #2 ASPHALT C/W TACK COAT
100mm OF 19mm MINUS CRUSHED GRANULAR BASE
FOR WIDENING ROADWAY OR AS DIRECTED BY THE FIELD INSPECTOR, 300mm OF 75mmm MINUS CRUSHED GRANULAR SUBBASE
FULL DEPTH REMOVLAL OF EXISTING ASPHALT OR CONCRETE AND BASE GRAVELS, AS REQUIRED

TREE PROTECTION ZONE (TPZ) / CRITICAL ROOT ZONE. SEE ARBORIST REPORT FOR CONSTRUCTION REQUIREMENTS WITHIN AND AROUND TPZ.

## MOODY PARK - STA 0+617 TO 0+910
1:500

NOTES:
1. REMOVE INVASIVE ENGLISH HOLLY TREES INCLUDING FULL STUMP AND ROOT REMOVAL TO PREVENT SUCKERING AND RESPROUTING. FOLLOW METRO VANCOUVER'S "BEST MANAGEMENT PRACTICES FOR ENGLISH HOLLY" INCLUDING TIMING AND DISPOSAL.

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2026-05-07

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| C | 2026-03-05 | ISSUED FOR 100% DESIGN | BF |
| D | 2026-05-07 | ISSUED FOR TENDER | BF |

New Westminster

URBAN SYSTEMS

Scale 1:500 0 10 20m

Quality Control by B.FAN
Designed by E.SWEETLAND
Drawn by E.SWEETLAND

ATNP IMPROVEMENTS YEAR 2
8TH 9TH 10TH STREET

Sheet Number 9 of 18
Project Number 1274.0076.01
Drawing Number C09
Revision D

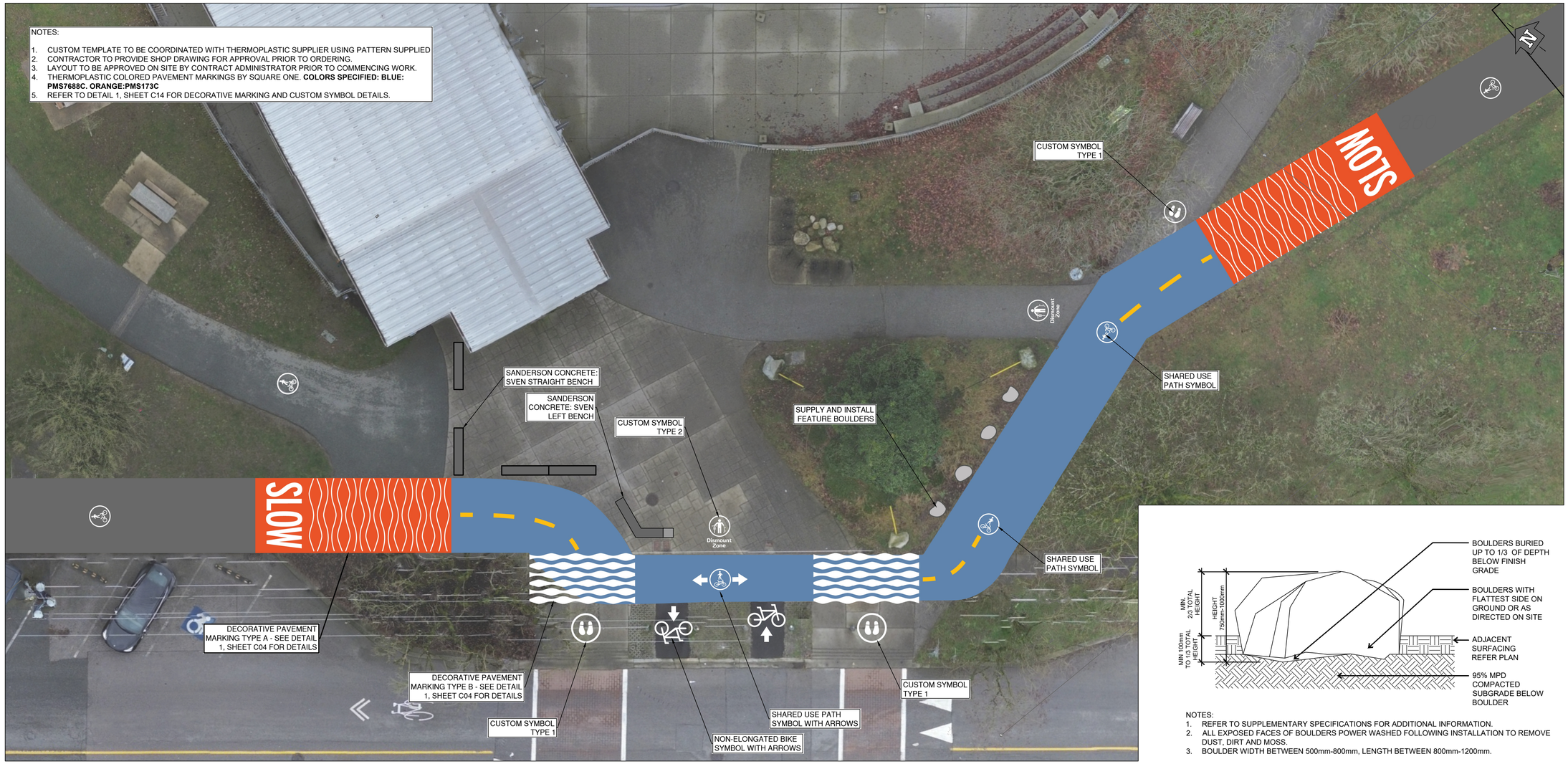
ANSI expand D (34.00 x 22.00 Inches) 25mm 0

NOT FOR CONSTRUCTION

U:\Projects_VAN\1274007601\01-Design\CAD\20_PROD\FINALIZED\1274007601 - 8TH 9TH 10TH STREET.dwg, C04, 2026-05-07 02:06 pm esweetland

NOTES:

1. CUSTOM TEMPLATE TO BE COORDINATED WITH THERMOPLASTIC SUPPLIER USING PATTERN SUPPLIED
2. CONTRACTOR TO PROVIDE SHOP DRAWING FOR APPROVAL PRIOR TO ORDERING.
3. LAYOUT TO BE APPROVED ON SITE BY CONTRACT ADMINISTRATOR PRIOR TO COMMENCING WORK.
4. THERMOPLASTIC COLORED PAVEMENT MARKINGS BY SQUARE ONE. **COLORS SPECIFIED: BLUE: PMS7688C. ORANGE:PMS173C**
5. REFER TO DETAIL 1, SHEET C14 FOR DECORATIVE MARKING AND CUSTOM SYMBOL DETAILS.




## MOODY PARK - PLAZA MARKINGS
1:100




NOTES:
1. REFER TO SUPPLEMENTARY SPECIFICATIONS FOR ADDITIONAL INFORMATION.
2. ALL EXPOSED FACES OF BOULDERS POWER WASHED FOLLOWING INSTALLATION TO REMOVE DUST, DIRT AND MOSS.
3. BOULDER WIDTH BETWEEN 500mm-800mm, LENGTH BETWEEN 800mm-1200mm.

1 FEATURE BOULDER
SCALE 1:10

1:10 0 200 400mm

P1-1150-0146-02-12

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2026-05-07
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Professional Seals
ASSOCIATION OF PROFESSIONAL ENGINEERS AND GEOSCIENTISTS OF BRITISH COLUMBIA
S. C. FAN
# 46309
PROFESSIONAL ENGINEER
2026-05-07

PERMIT TO PRACTICE
URBAN SYSTEMS LTD.
Signature
Date 2026-05-07
PERMIT NUMBER: 1000527
Engineers and Geoscientists BC (EGBC)

| # | Date | Issue / Revision | App |
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| D | 2026-05-07 | ISSUED FOR TENDER | BF |

New Westminster

URBAN SYSTEMS

Scale 1:500 0 10 20m

Quality Control by B.FAN
Designed by E.SWEETLAND
Drawn by E.SWEETLAND

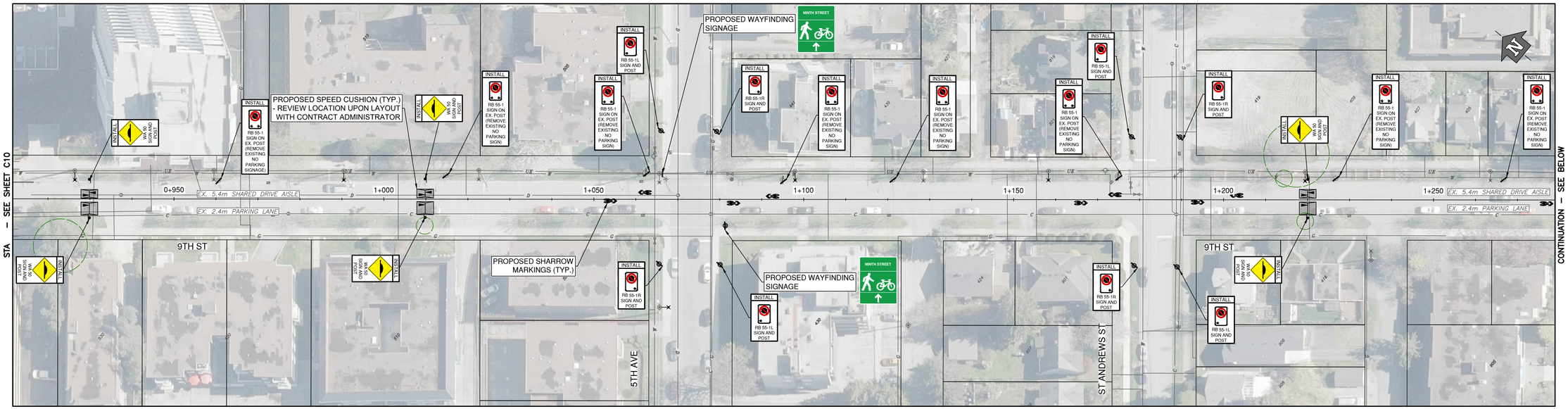
ATNP IMPROVEMENTS YEAR 2
8TH 9TH 10TH STREET

Sheet Number 10 of 18
Project Number 1274.0076.01
Drawing Number C10
Revision D

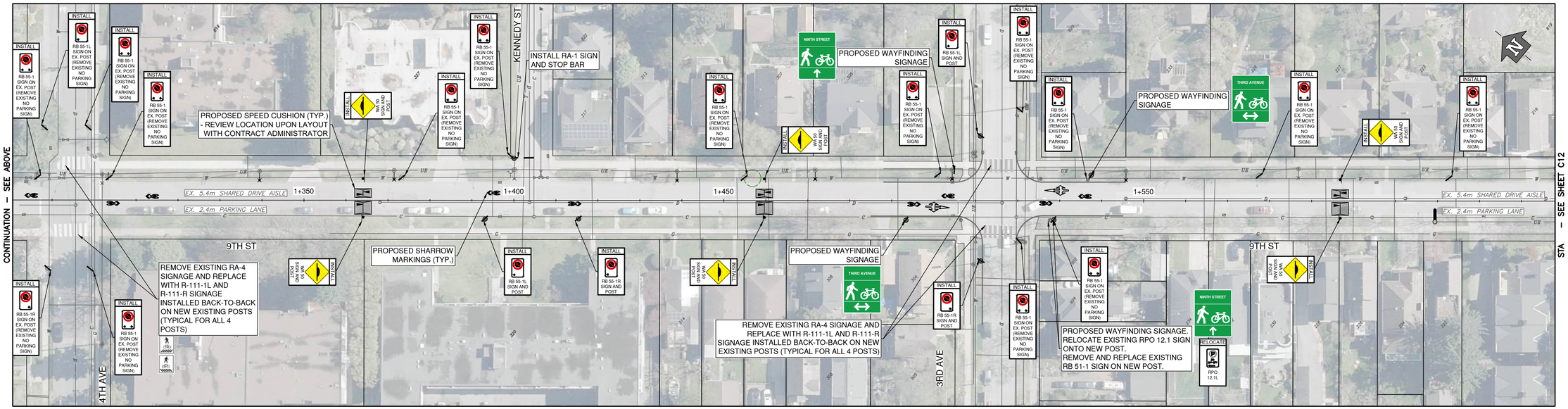
NOT FOR CONSTRUCTION

ANSI expand D (34.00 x 22.00 Inches) 25mm 0

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NINTH STREET - STA 0+910 TO 1+280
1:500




NINTH STREET - STA 1+280 TO 1+650
1:500

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PROFESSIONAL ENGINEER
S. C. FAN
# 46309
BRITISH COLUMBIA
ENGINEER
2026-05-07

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URBAN SYSTEMS LTD.
Signature
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Engineers and Geoscientists BC (EGBC)

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| D | 2026-05-07 | ISSUED FOR TENDER | BF |

New Westminster

URBAN SYSTEMS

Scale 1:500 0 10 20m

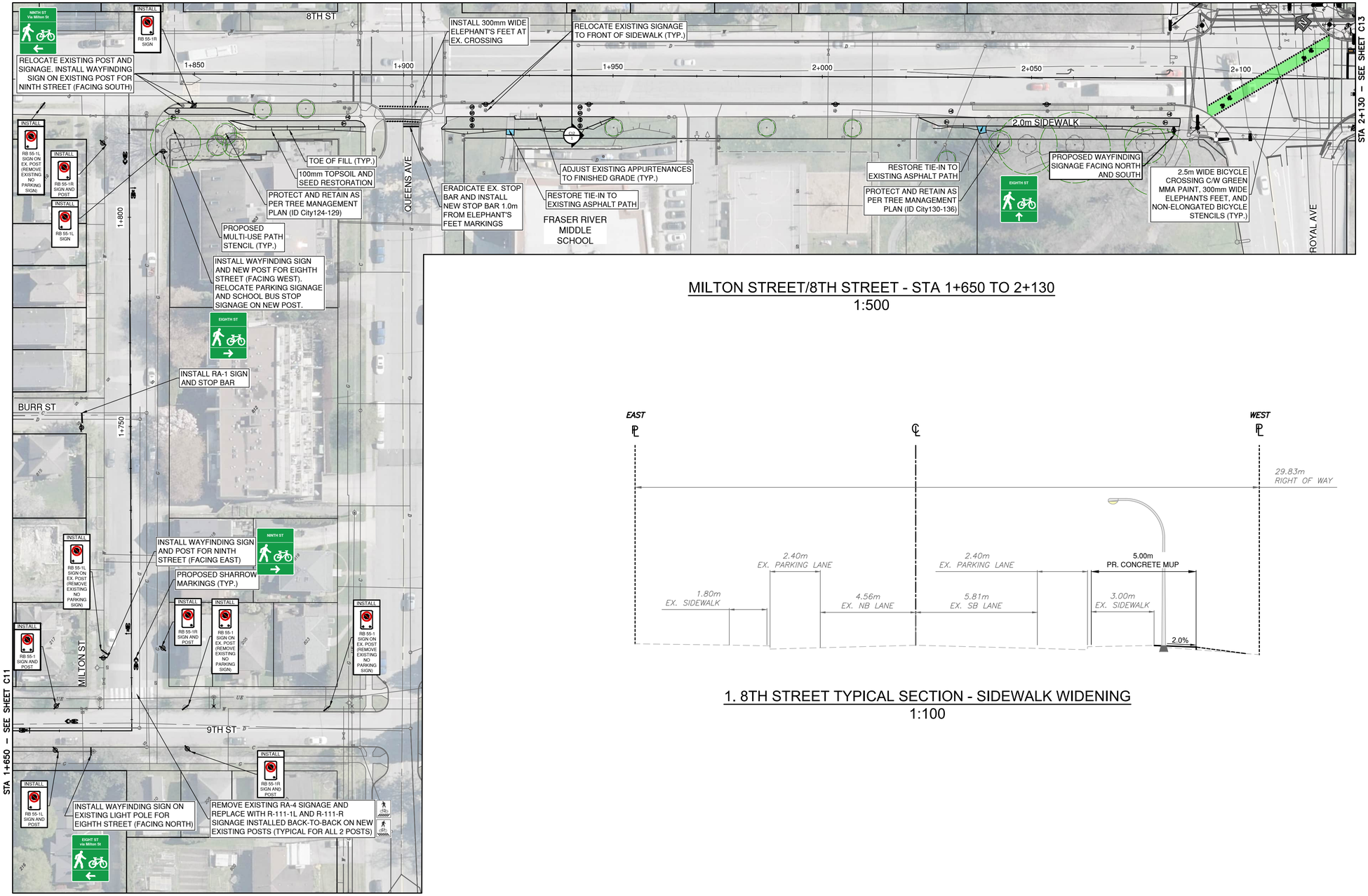
Quality Control by B.FAN
Designed by E.SWEETLAND
Drawn by E.SWEETLAND

ATNP IMPROVEMENTS YEAR 2
8TH 9TH 10TH STREET

| Sheet Number | | 11 of 18 |
|---|---|---|
| Project Number | Drawing Number | Revision |
| 1274.0076.01 | C11 | D |

ANSI expand D (34.00 x 22.00 Inches) 25mm 0

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## MILTON STREET/8TH STREET - STA 1+650 TO 2+130
1:500




## 1. 8TH STREET TYPICAL SECTION - SIDEWALK WIDENING
1:100

PROPOSED CONCRETE (MMCD C2 UNLESS OTHERWISE NOTED)

PROPOSED ASPHALT MUP

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New Westminster

URBAN SYSTEMS

Scale 1:500 (0, 10, 20m)
Quality Control by B.FAN
Designed by E.SWEETLAND
Drawn by E.SWEETLAND

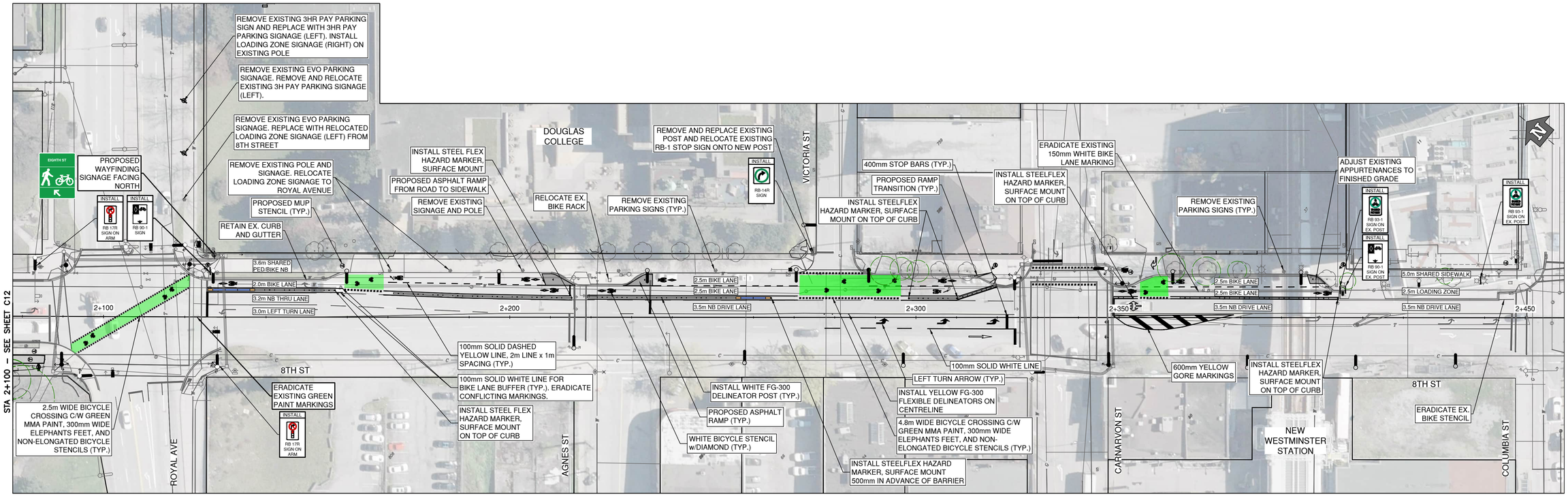
ATNP IMPROVEMENTS YEAR 2
8TH 9TH 10TH STREET

Sheet Number 12 of 18
Project Number 1274.0076.01
Drawing Number C12
Revision D

ANSI expand D (34.00 x 22.00 Inches) 25mm 0

NOT FOR CONSTRUCTION

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## EIGHTH STREET - STA 2+100 TO 2+450

1:500

PROPOSED CONCRETE (MMCD C2 UNLESS OTHERWISE NOTED)

PROPOSED CONCRETE BULLNOSE

PROPOSED CONCRETE LOW BARRIER

PROPOSED HIGH PROFILE PARKING CURB (SANDERSON CONCRETE OR APPROVED EQUAL)

PROPOSED HIGH PROFILE PARKING CURB WITH DELINEATOR (WHITE FG-300)


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2026-05-07

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URBAN SYSTEMS LTD.
Signature
Date 2026-05-07
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Engineers and Geoscientists BC (EGBC)

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New Westminster

URBAN SYSTEMS

Scale 1:500 (0, 10, 20m)

Quality Control by B.FAN
Designed by E.SWEETLAND
Drawn by E.SWEETLAND

ATNP IMPROVEMENTS YEAR 2
8TH 9TH 10TH STREET

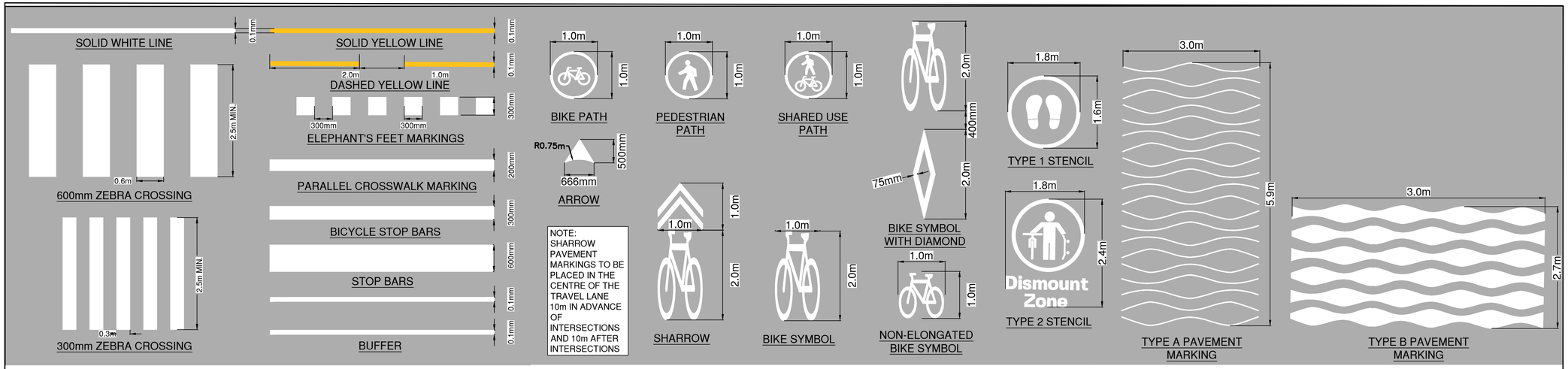
Sheet Number 13 of 18

| Project Number | Drawing Number | Revision |
|---|---|---|
| 1274.0076.01 | C13 | D |

ANSI expand D (34.00 x 22.00 Inches) 25mm 0

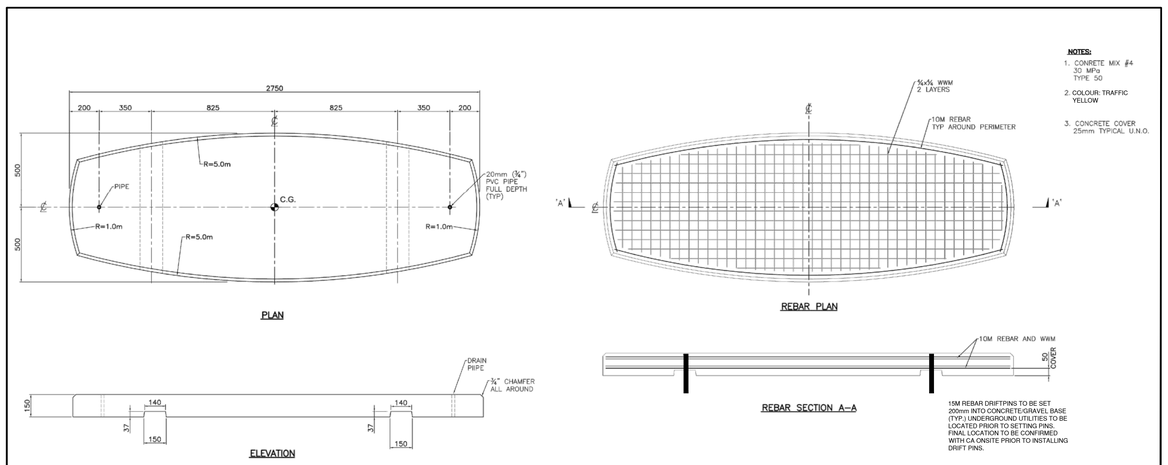
NOT FOR CONSTRUCTION

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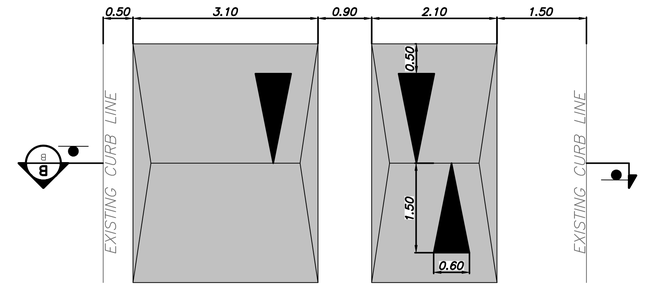

## 1. PAVEMENT MARKINGS

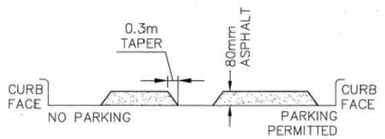
SCALE 1:50

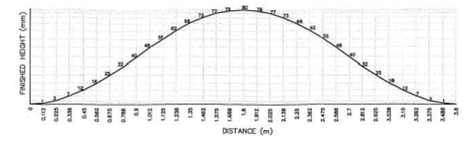



## 2. PRE-CAST TRAFFIC CALMING CURB

NTS




| DISTANCE (m) | 0 | 0.112 | 0.225 | 0.338 | 0.45 | 0.562 | 0.675 | 0.788 | 0.9 | 1.012 | 1.125 | 1.238 | 1.35 | 1.462 | 1.575 | 1.688 | 1.8 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FINISHED HEIGHT (mm) | 0 | 1 | 3 | 7 | 12 | 18 | 25 | 32 | 40 | 48 | 55 | 62 | 68 | 73 | 77 | 79 | 80 |

## 3. SPEED CUSHION

SCALE 1:50

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2026-05-07

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Date 2026-05-07
PERMIT NUMBER: 1000527
Engineers and Geoscientists BC (EGBC)

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New Westminster

URBAN SYSTEMS

Scale AS SHOWN
Quality Control by B.FAN
Designed by E.SWEETLAND
Drawn by E.SWEETLAND

ATNP IMPROVEMENTS YEAR 2
DETAILS

Sheet Number 14 of 18
Project Number 1274.0076.01
Drawing Number C14
Revision D

NOT FOR CONSTRUCTION

ANSI expand D (34.00 x 22.00 Inches) 25mm 0

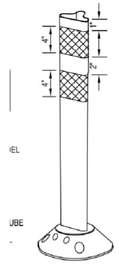
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**STEEL-FLEX BLADE**
HEIGHT: 1.2m
SURFACE: REFLECTIVE TAPE AS PER WA-36R / WA-36L

INSTALLATION AS PER MANUFACTURER SPECIFICATIONS

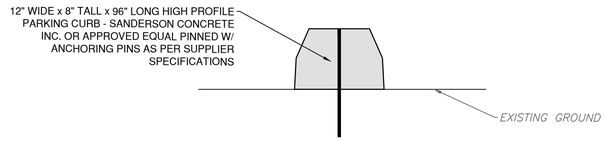
## 4. STEEL-FLEX BLADE
NTS



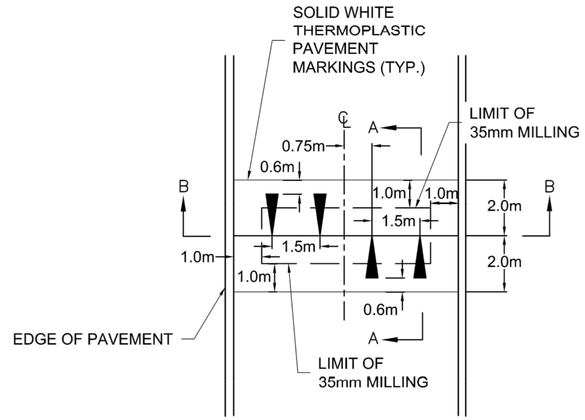
**PEXCO FG 300 DELINEATOR POST**
TYPE: PEXCO 28" TALL FG300 MODEL UR
COLOUR: WHITE POST W/ RETRO-REFLECTIVE SHEETING
BASE: 1 LB LITE BASIC BASE 8"
DIAMETER, FASTENED W/ APPROVED MECHANICAL FASTENER

INSTALLATION AS PER MANUFACTURER SPECIFICATIONS

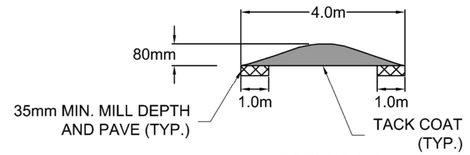
## 5. DELINEATOR
NTS



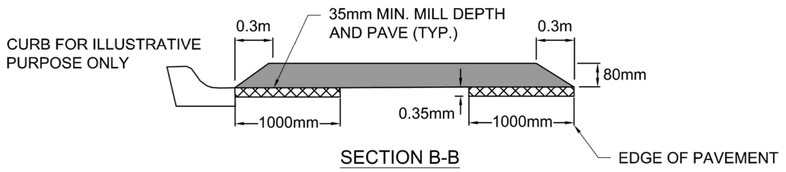

## 6. HIGH PROFILE PARKING CURB
SCALE: 1:10




SPEED HUMP




SECTION A-A




SECTION B-B

SINUSOIDAL SPEED HUMP DEVELOPMENT

| DISTANCE(m) | 0.000 | 0.125 | 0.250 | 0.375 | 0.500 | 0.000 | 0.750 | 0.875 | 1.000 | 1.125 | 1.250 | 1.375 | 1.500 | 1.625 | 1.750 | 1.875 | 2.000 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FINISHED HEIGHT(mm) | 0 | 1 | 3 | 7 | 12 | 18 | 25 | 32 | 40 | 48 | 55 | 62 | 68 | 73 | 77 | 79 | 80 |

NOTE:
1. SINGLE ARROW PER DIRECTION ONLY FOR SPEED HUMPS IN LANES.
2. SPEED HUMP TABLE TO BE SURVEYED, TO ENSURE DEVELOPMENT.

| No. | Revision | Approved |
|---|---|---|
| | | |
| | | |
| | | |

Scale: N.T.S
Date: Mar, 2023

Title:

## 7. SPEED HUMP
NTS

NEW WESTMINSTER

Suppl. Drawing No. SDR-18

M:\HE/AD\2023\23-013\DWG\OFFSITE_PRODUCTION\Supplementary_Detail_Drawings\SDR-18 - Speed Hump.dwg,SPEED HUMP QLozzereva May 15, 2023 - 11:16am

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2026-05-07

PERMIT TO PRACTICE
URBAN SYSTEMS LTD.
Signature
Date 2026-05-07
PERMIT NUMBER: 1000527
Engineers and Geoscientists BC (EGBC)

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New Westminster

URBAN SYSTEMS

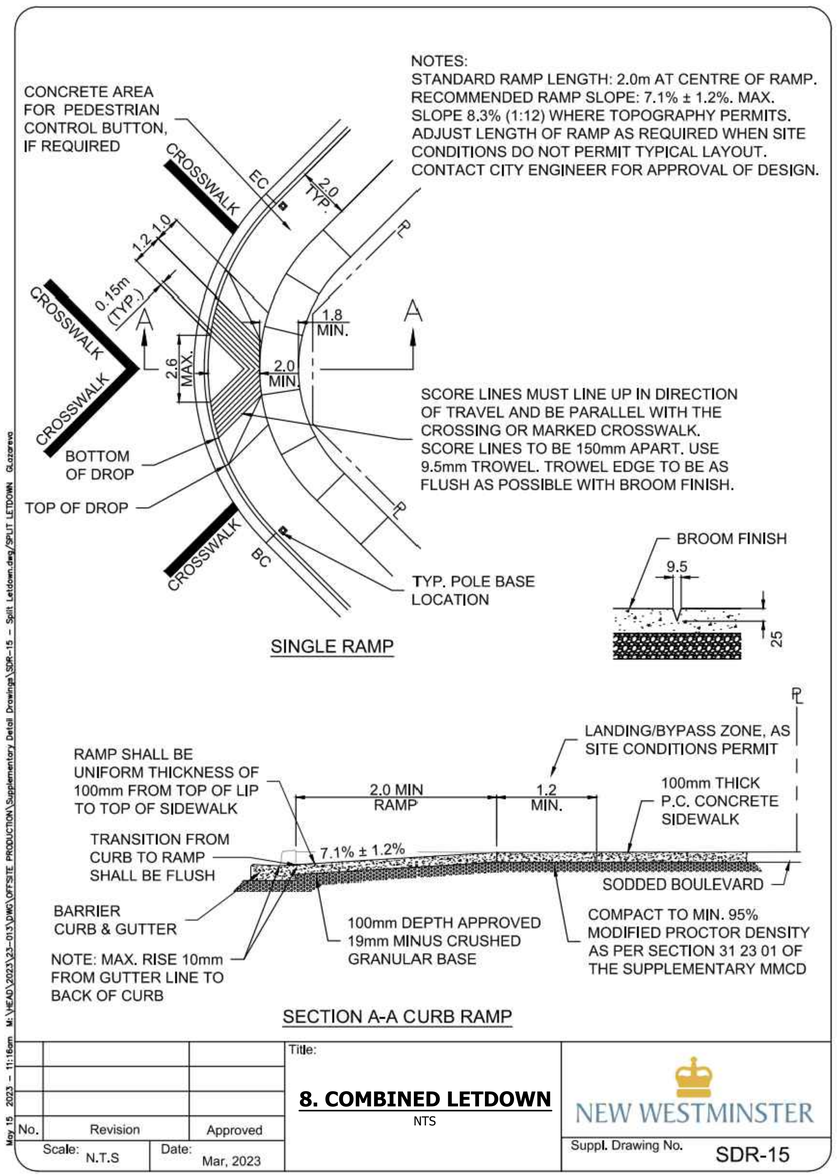
Scale AS SHOWN
Quality Control by B.FAN
Designed by E.SWEETLAND
Drawn by E.SWEETLAND

ATNP IMPROVEMENTS YEAR 2
DETAILS

Sheet Number 15 of 18
Project Number 1274.0076.01
Drawing Number C15
Revision D

NOT FOR CONSTRUCTION

ANSI expand D (34.00 x 22.00 Inches) 25mm 0




| No. | Revision | Approved |
|---|---|---|
| | | |

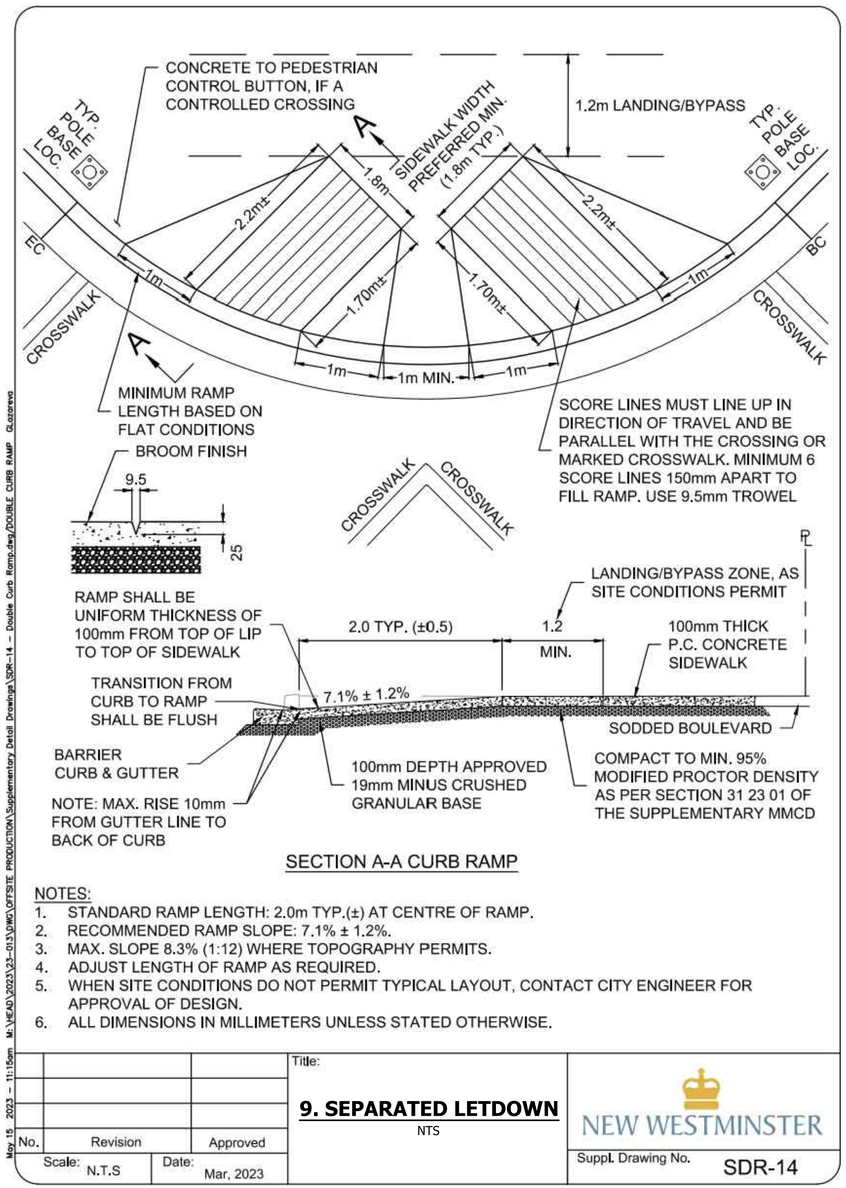
Scale: N.T.S | Date: Mar, 2023

Title: **8. COMBINED LETDOWN**

NTS

NEW WESTMINSTER

Suppl. Drawing No. SDR-15




NOTES:

1. STANDARD RAMP LENGTH: 2.0m TYP.(±) AT CENTRE OF RAMP.
2. RECOMMENDED RAMP SLOPE: 7.1% ± 1.2%.
3. MAX. SLOPE 8.3% (1:12) WHERE TOPOGRAPHY PERMITS.
4. ADJUST LENGTH OF RAMP AS REQUIRED.
5. WHEN SITE CONDITIONS DO NOT PERMIT TYPICAL LAYOUT, CONTACT CITY ENGINEER FOR APPROVAL OF DESIGN.
6. ALL DIMENSIONS IN MILLIMETERS UNLESS STATED OTHERWISE.

| No. | Revision | Approved |
|---|---|---|
| | | |

Scale: N.T.S | Date: Mar, 2023

Title: **9. SEPARATED LETDOWN**

NTS

NEW WESTMINSTER

Suppl. Drawing No. SDR-14

May 15, 2023 - 11:15am M:\VE4Q\2022\23-013\DWG\OFFSITE PRODUCTION\Supplementary Detail Drawings\SDR-14 -- Double Curb Ramp.dwg,DOUBLE CURB RAMP G.ozorewo

May 15, 2023 - 11:16am M:\VE4Q\2022\23-013\DWG\OFFSITE PRODUCTION\Supplementary Detail Drawings\SDR-15 -- Split Letdown.dwg,SPLIT LETDOWN G.ozorewo

U:\Projects_VAN\1274\0076\01\D-Design\CAD\20_PROD\FINALIZED\1274007601 - DETAILS.dwg, C14, 2026-05-07 02:11 pm eswestland

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ASSOCIATION OF PROFESSIONAL ENGINEERS AND GEOSCIENTISTS OF THE PROVINCE OF BRITISH COLUMBIA
S. C. FAN
# 46309
ENGINEER
2026-05-07

PERMIT TO PRACTICE
URBAN SYSTEMS LTD.
Signature
Date 2026-05-07
PERMIT NUMBER: 1000527
Engineers and Geoscientists BC (EGBC)

| # | Date | Issue / Revision | App |
|---|---|---|---|
| A | 2025-04-15 | ISSUED FOR 30% DESIGN | BF |
| B | 2025-10-22 | ISSUED FOR 90% DESIGN | BF |
| C | 2026-03-05 | ISSUED FOR 100% DESIGN | BF |
| D | 2026-05-07 | ISSUED FOR TENDER | BF |

New Westminster

URBAN SYSTEMS

Scale: AS SHOWN

Quality Control by: B.FAN
Designed by: E.SWEETLAND
Drawn by: E.SWEETLAND

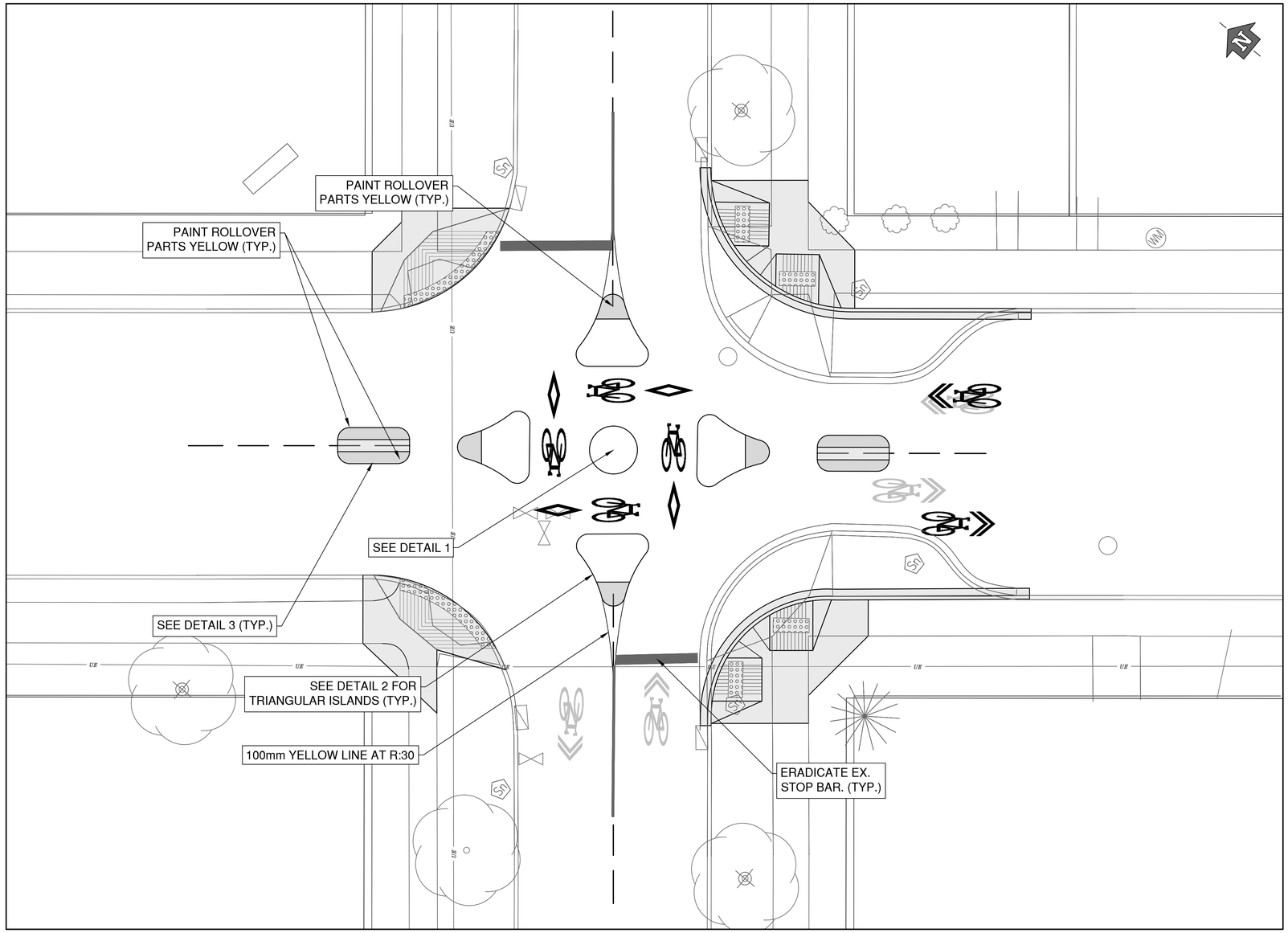
ATNP IMPROVEMENTS YEAR 2
DETAILS

Sheet Number: 16 of 18

| Project Number | Drawing Number | Revision |
|---|---|---|
| 1274.0076.01 | C16 | D |

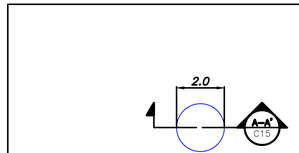
ANSI expand D (34.00 x 22.00 Inches) 25mm 0

NOT FOR CONSTRUCTION

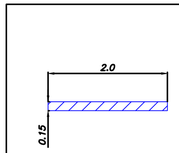



## 10. STAR DIVERTER AND SECTIONS

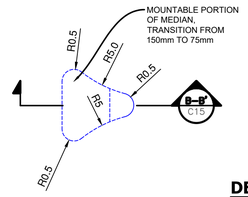
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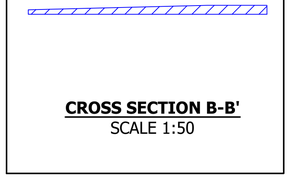

**DETAIL 1**
SCALE 1:125



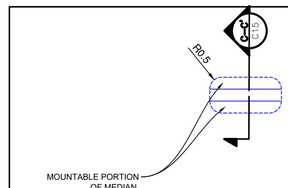

**CROSS SECTION A-A'**
SCALE 1:50



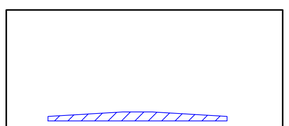

**DETAIL 2**
SCALE 1:125



**CROSS SECTION B-B'**
SCALE 1:50




**DETAIL 3**
SCALE 1:125



**CROSS SECTION C-C'**
SCALE 1:50

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New Westminster

URBAN SYSTEMS

Scale AS SHOWN

| | |
|---|---|
| Quality Control by | B.FAN |
| Designed by | E.SWEETLAND |
| Drawn by | E.SWEETLAND |

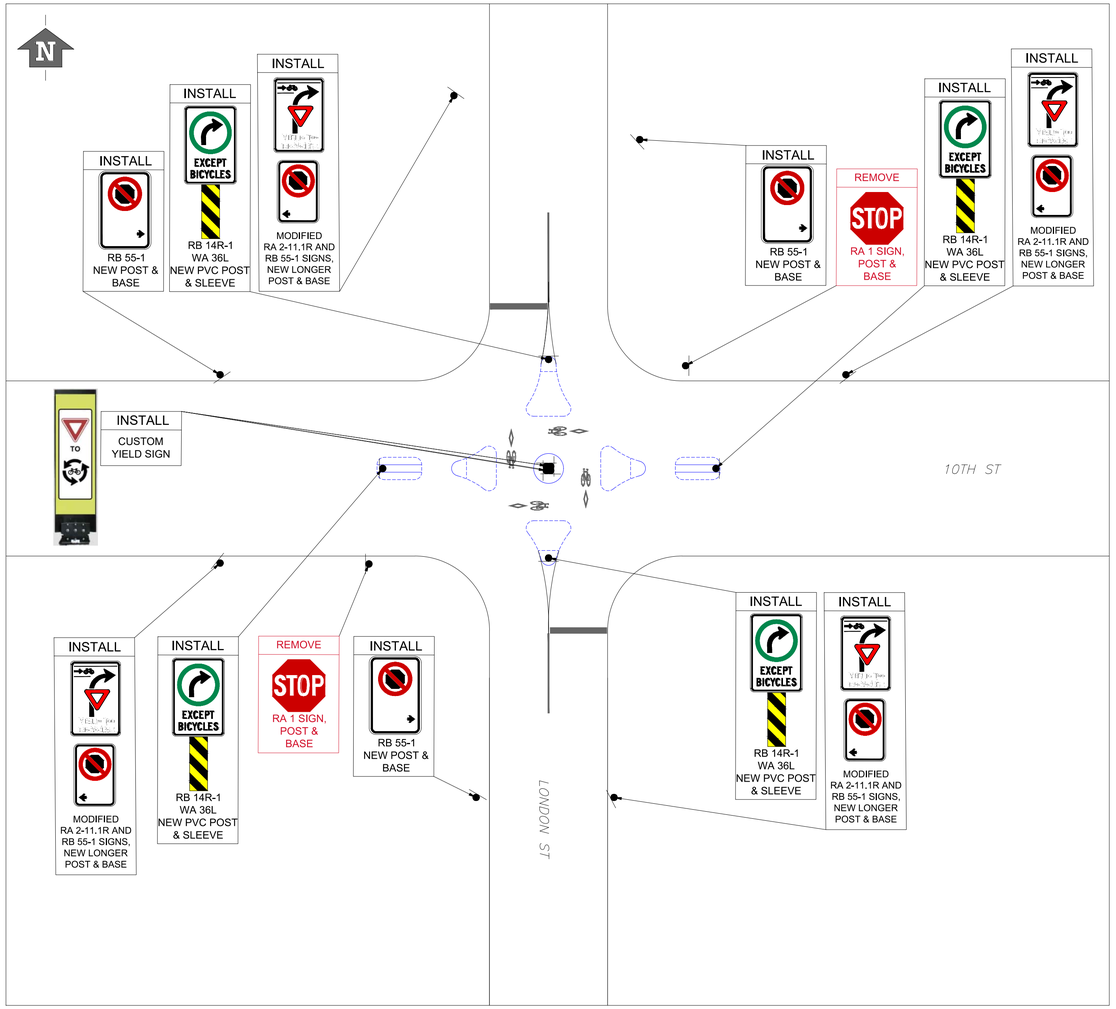
ATNP IMPROVEMENTS YEAR 2
DETAILS

| Sheet Number | | 17 of 18 |
|---|---|---|
| Project Number | Drawing Number | Revision |
| 1274.0076.01 | C17 | D |

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ANSI expand D (34.00 x 22.00 Inches) 25mm 0

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| INSTALL | | |
|---|---|---|
|  |  |  |
| RB 55-1 L: 4 | RB 55-1 R: 4 | RB 14R-1: 4 |
|  |  |  |
| WA 36L: 4 | RA 2-3T: 4 | MODIFIED RA 2-11.1R: 4 |

## 11. STAR DIVERTER SIGNAGE

NTS

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New Westminster

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| Quality Control by | B.FAN |
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| Drawn by | E.SWEETLAND |

ATNP IMPROVEMENTS YEAR 2
DETAILS

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| Project Number | Drawing Number | Revision |
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ANSI expand D (34.00 x 22.00 Inches) 25mm 0