

HARVEST MOON TRAIL CONNECTION & UPGRADES

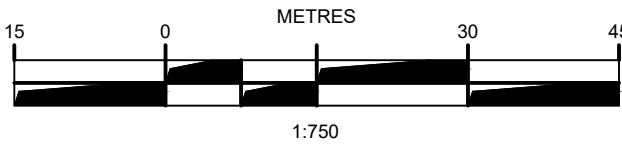
WOLFVILLE, NOVA SCOTIA

REVISION 1, APR. 11, 2025, ISSUED FOR REVIEW



LEGEND

EXISTING		PROPOSED
-----	VERTICAL PROFILE	-----
-----	APPROXIMATE 1 IN 100 YEAR FLOOD LIMIT	-----
-----	CENTERLINE	-----
-----	EASEMENT	-----
-----	DITCH CENTERLINE	-----
-----	ROCK-LINED DITCH	-----
-----	CULVERT	-----
-----	WATERCOURSE	-----
-----	WETLAND BOUNDARY	-----
-----	20 m BUFFER	-----
-----	GUARDRAIL	-----
-----	TOP OF SLOPE	-----
-----	BOTTOM OF SLOPE	-----
-----	OVERHEAD LINE	-----
-----	FENCELINE	-----
EXISTING	PROPOSED	EXISTING
PRECAST HEADWALL	-----	SURFACE FLOW
STREET SIGN	-----	UTILITY POLE w/ GUY WIRE



4		ISSUED WITH ADDENDUM 2
3	MAY 20, 2025	ISSUED WITH ADDENDUM 1
2	DRAFT	ISSUED FOR TENDER
1	APR. 11, 2025	ISSUED FOR REVIEW
ISSUE	DATE	DESCRIPTION

CONSULTANT

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PROJECT DESCRIPTION

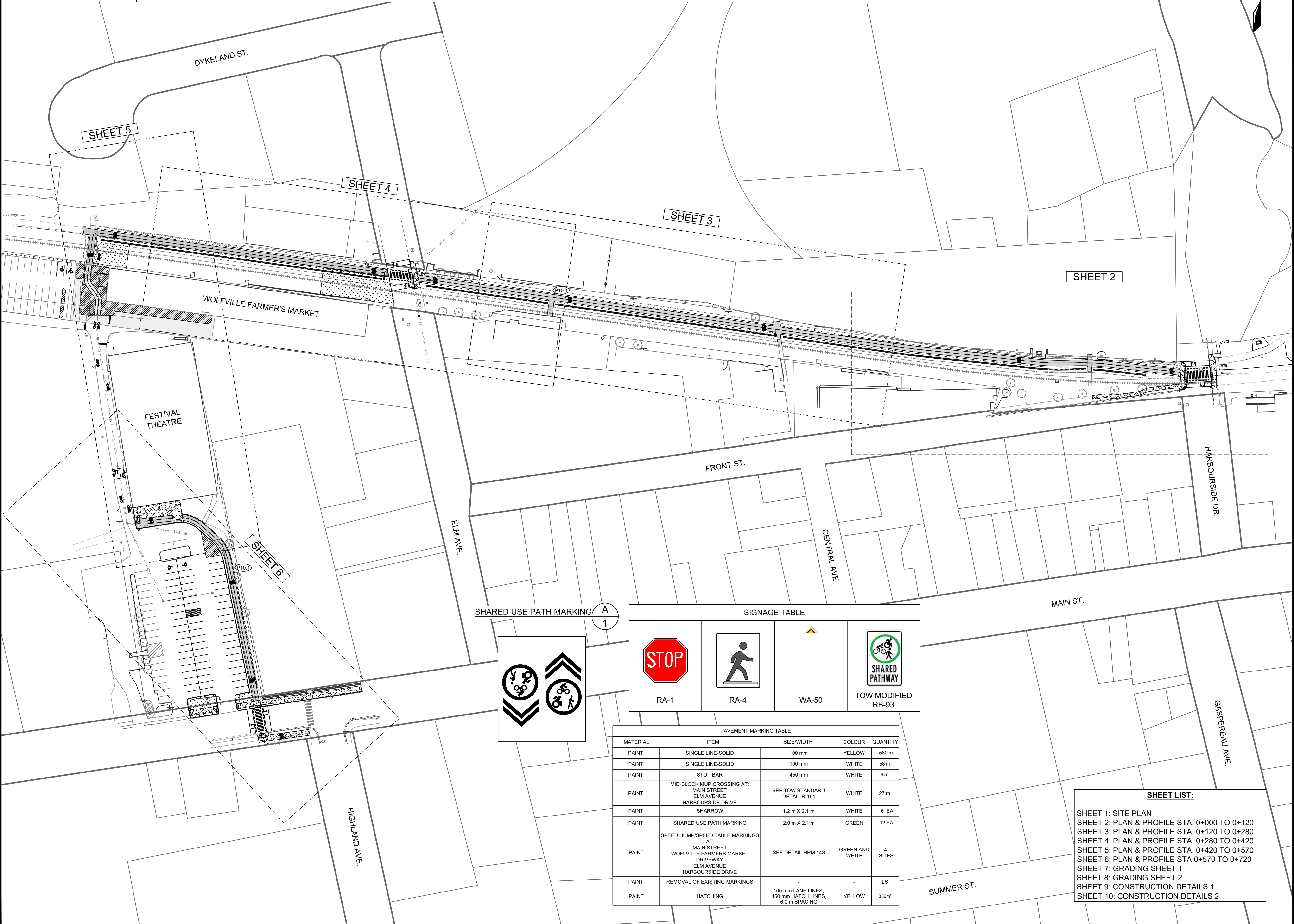
**HARVEST MOON TRAIL
CONNECTION & UPGRADES**

WOLFVILLE, NOVA SCOTIA

SHEET DESCRIPTION

SITE PLAN

Drawn J. BENEDICT	Engineer G. WOODFORD	Project No. 23-410	Drawing No. C-01
Scale 1:750	Filename 23-410_Base.dwg		1 of 10



SHARED USE PATH MARKING
A
1

SIGNAGE TABLE



RA-1



RA-4



WA-50



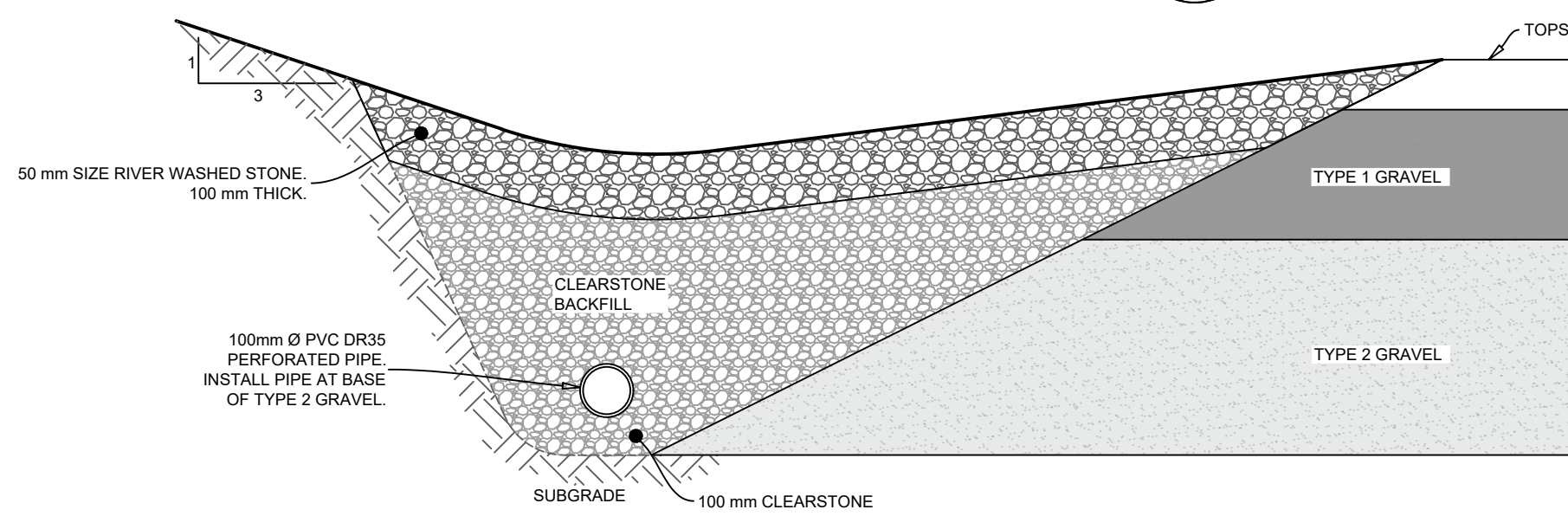
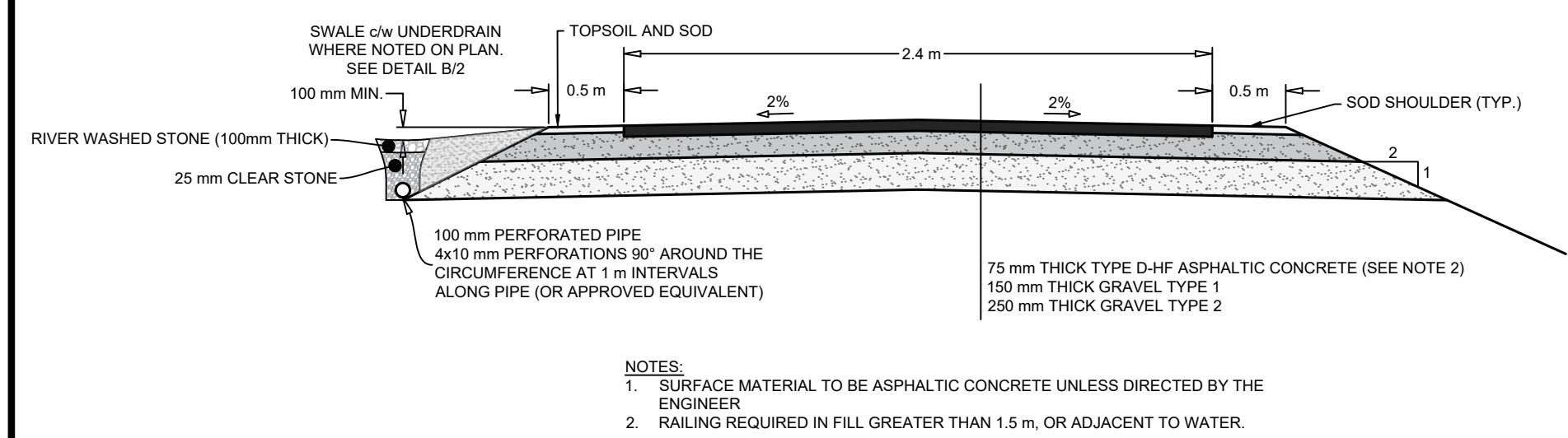
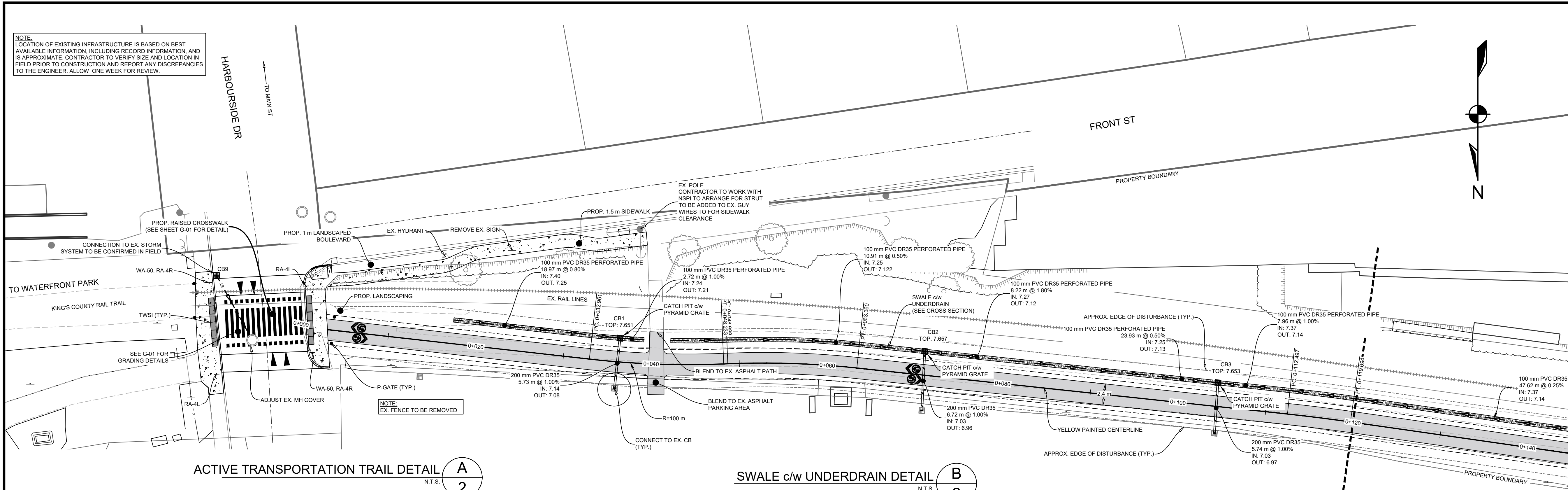
TOW MODIFIED
RB-93

PAVEMENT MARKING TABLE

MATERIAL	ITEM	SIZE/WIDTH	COLOUR	QUANTITY
PAINT	SINGLE LINE-SOLID	100 mm	YELLOW	580 m
PAINT	SINGLE LINE-SOLID	100 mm	WHITE	58 m
PAINT	STOP BAR	450 mm	WHITE	9 m
PAINT	MID-BLOCK MUP CROSSING AT: MAIN STREET ELM AVENUE HARBORSIDE DRIVE	SEE TOW STANDARD DETAIL R-151	WHITE	27 m
PAINT	SHARROW	1.2 m X 2.1 m	WHITE	6 EA.
PAINT	SHARED USE PATH MARKING	2.0 m X 2.1 m	GREEN	12 EA.
PAINT	SPEED HUMP/SPEED TABLE MARKINGS AT: MAIN STREET WOLFVILLE FARMERS MARKET DRIVEWAY ELM AVENUE HARBORSIDE DRIVE	SEE DETAIL HRM 143	GREEN AND WHITE	4 SITES
PAINT	REMOVAL OF EXISTING MARKINGS	-	-	LS
PAINT	HATCHING	100 mm LANE LINES, 450 mm HATCH LINES, 6.0 m SPACING	YELLOW	350m²

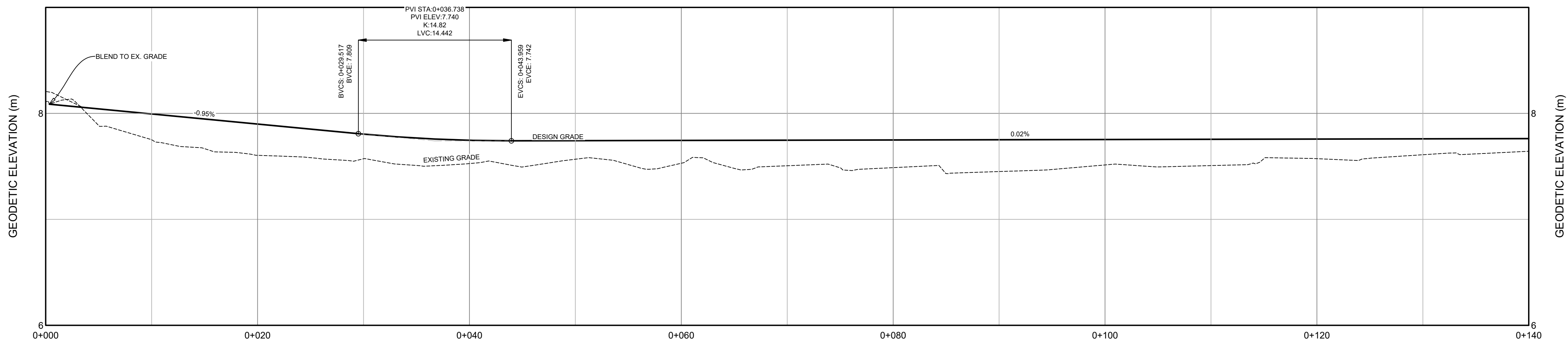
SHEET LIST:

SHEET 1: SITE PLAN
SHEET 2: PLAN & PROFILE STA. 0+000 TO 0+120
SHEET 3: PLAN & PROFILE STA. 0+120 TO 0+280
SHEET 4: PLAN & PROFILE STA. 0+280 TO 0+420
SHEET 5: PLAN & PROFILE STA. 0+420 TO 0+570
SHEET 6: PLAN & PROFILE STA. 0+570 TO 0+720
SHEET 7: GRADING SHEET 1
SHEET 8: GRADING SHEET 2
SHEET 9: CONSTRUCTION DETAILS 1
SHEET 10: CONSTRUCTION DETAILS 2



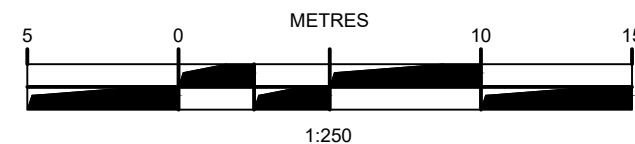
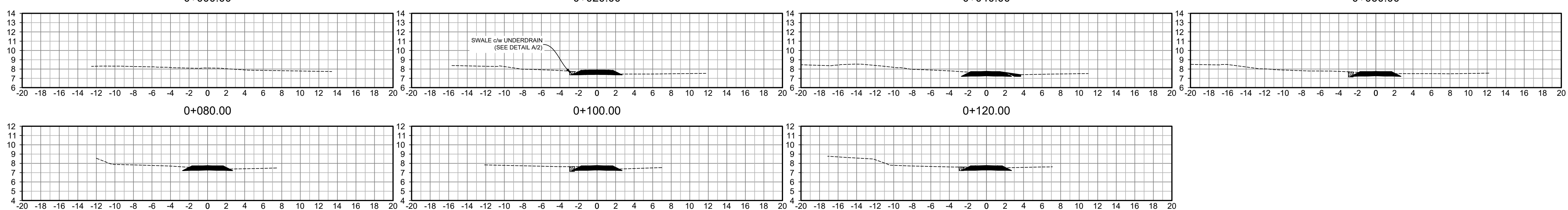
HARVEST MOON TRAIL CENTRELINE PROFILE

SCALE: 1:250H, 1:25V



CROSS SECTIONS

SCALE: 1:250H, 1:25V



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PROJECT DESCRIPTION

**HARVEST MOON TRAIL
CONNECTION & UPGRADES**

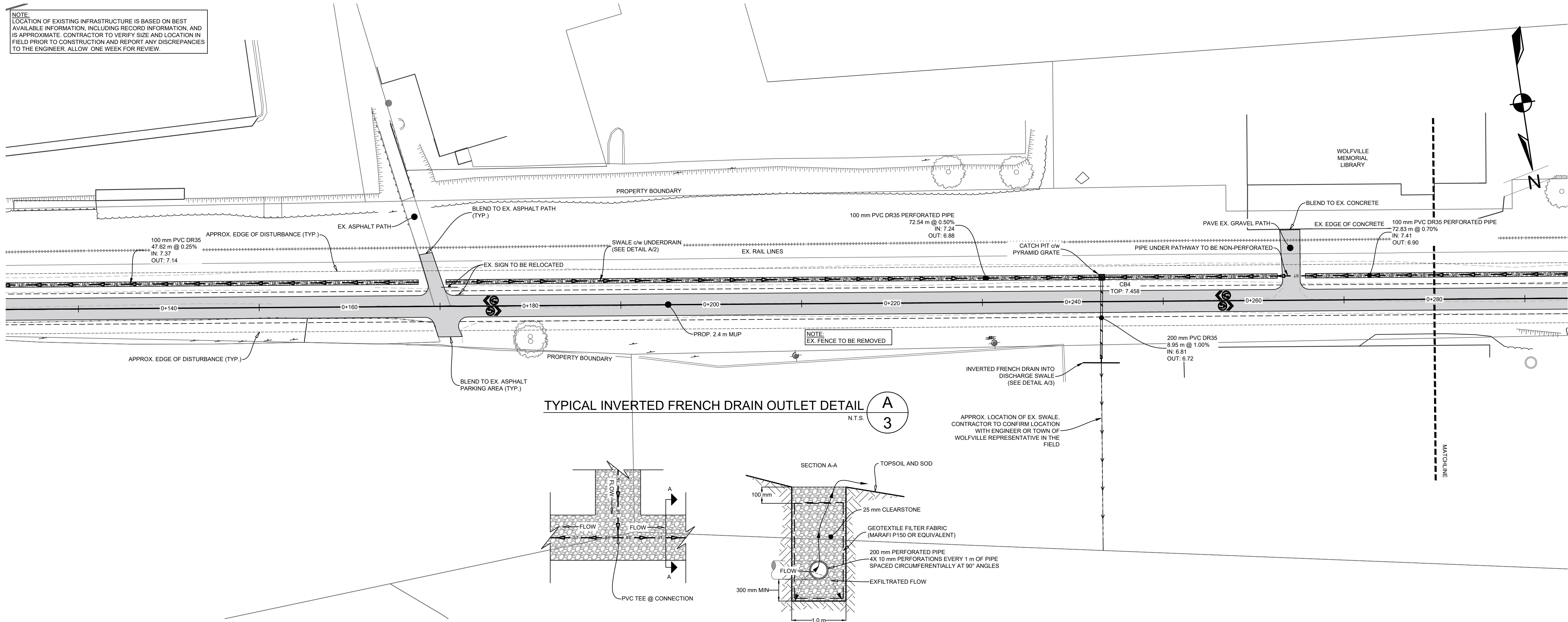
WOLFVILLE, NOVA SCOTIA

SHEET DESCRIPTION

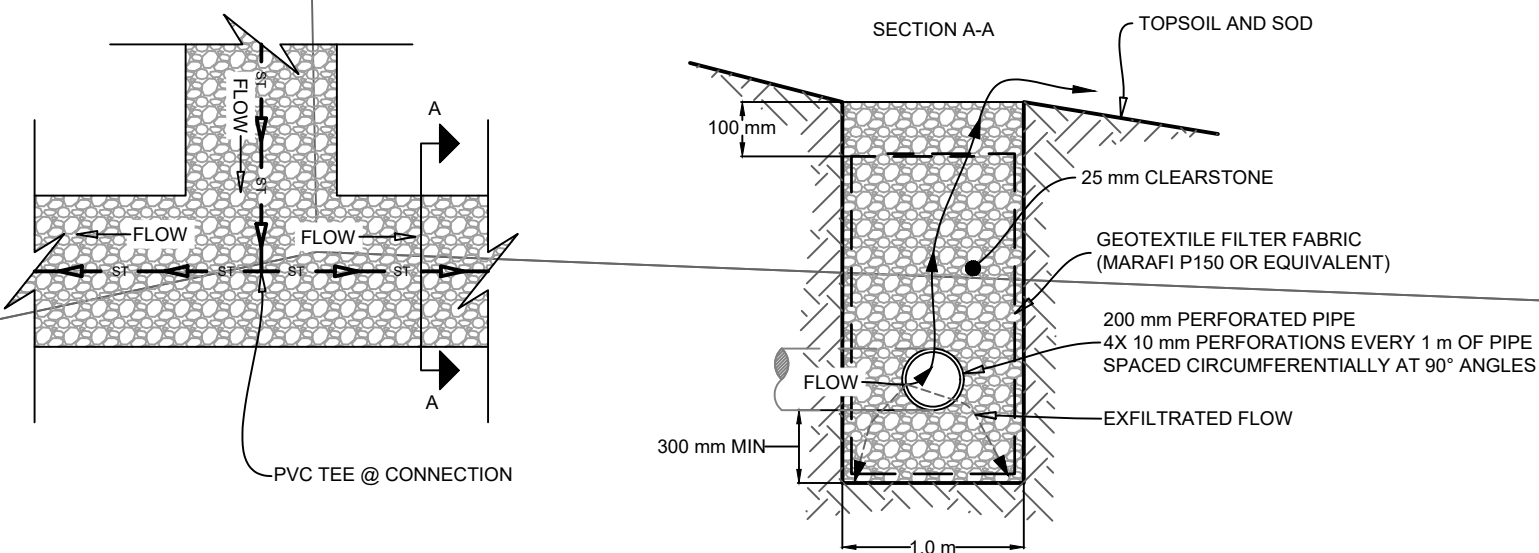
PLAN & PROFILE
STA. 0+000 TO 0+120

Drawn J. BENEDICT	Engineer G. WOODFORD	Project No. 23-410	Drawing No. C-02
Scale 1:250 H, 1:25 V	Filename 23-410_Base.dwg		2 of 10

NOTE:
LOCATION OF EXISTING INFRASTRUCTURE IS BASED ON BEST
AVAILABLE INFORMATION, INCLUDING RECORD INFORMATION, AND
IS APPROXIMATE. CONTRACTOR TO VERIFY SIZE AND LOCATION IN
FIELD PRIOR TO CONSTRUCTION AND REPORT ANY DISCREPANCIES
TO THE ENGINEER. ALLOW ONE WEEK FOR REVIEW.

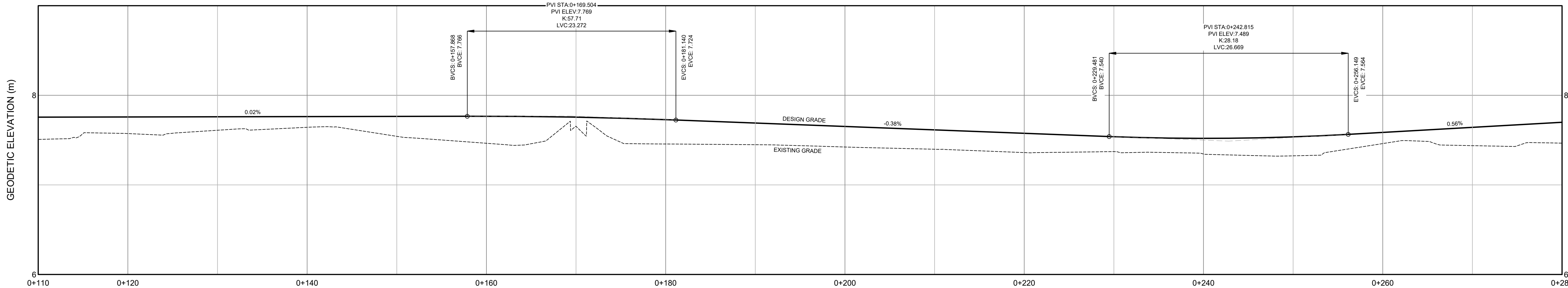


TYPICAL INVERTED FRENCH DRAIN OUTLET DETAIL



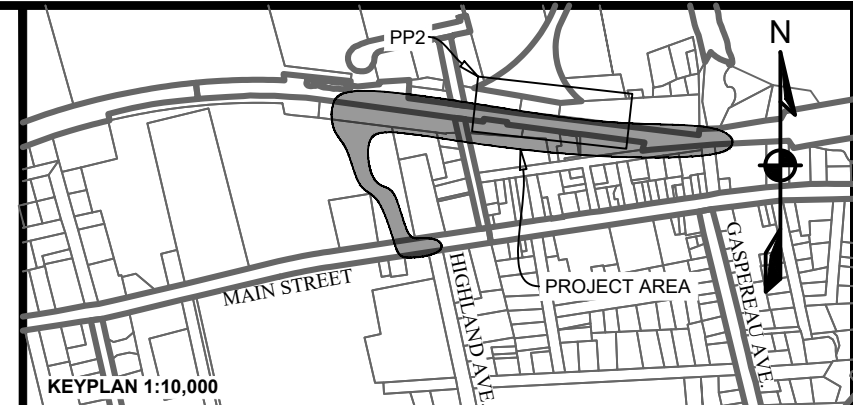
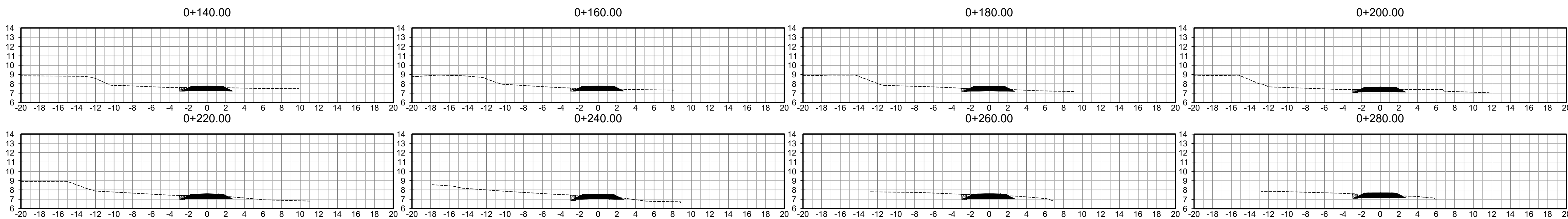
HARVEST MOON TRAIL CENTRELINE PROFILE

SCALE 1:250H 1:25V



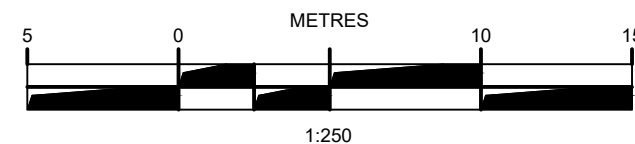
CROSS SECTIONS

SCALE 1:250H 1:250V



LEGEND

EXISTING	VERTICAL PROFILE	PROPOSED
-----	APPROXIMATE 1 IN 100 YEAR FLOOD LIMIT	-----
-----	EASEMENT	-----
-----	WATER PIPE	-----
-----	SANITARY PIPE	-----
-----	STORM PIPE	-----
-----	RAILROAD	-----
-----	WATER LATERAL	-----
-----	SANITARY LATERAL	-----
-----	STORM LATERAL	-----
-----	DISTURBANCE AREA	-----
-----	SIDEWALK	-----
-----	WALKWAY/AT. TRAIL	-----
-----	GUARDRAIL	-----
-----	TOP OF SLOPE	-----
-----	BOTTOM OF SLOPE	-----
-----	FENCELINE	-----
-----	EXISTING PROPOSED	-----
-----	AIR RELEASE VALVE	-----
-----	WATER VALVE	-----
-----	HYDRANT	-----
-----	CATCHBASIN	-----
-----	UTILITY POLE w/ GUY WIRE	-----
-----	GLB	-----
-----	URD	-----



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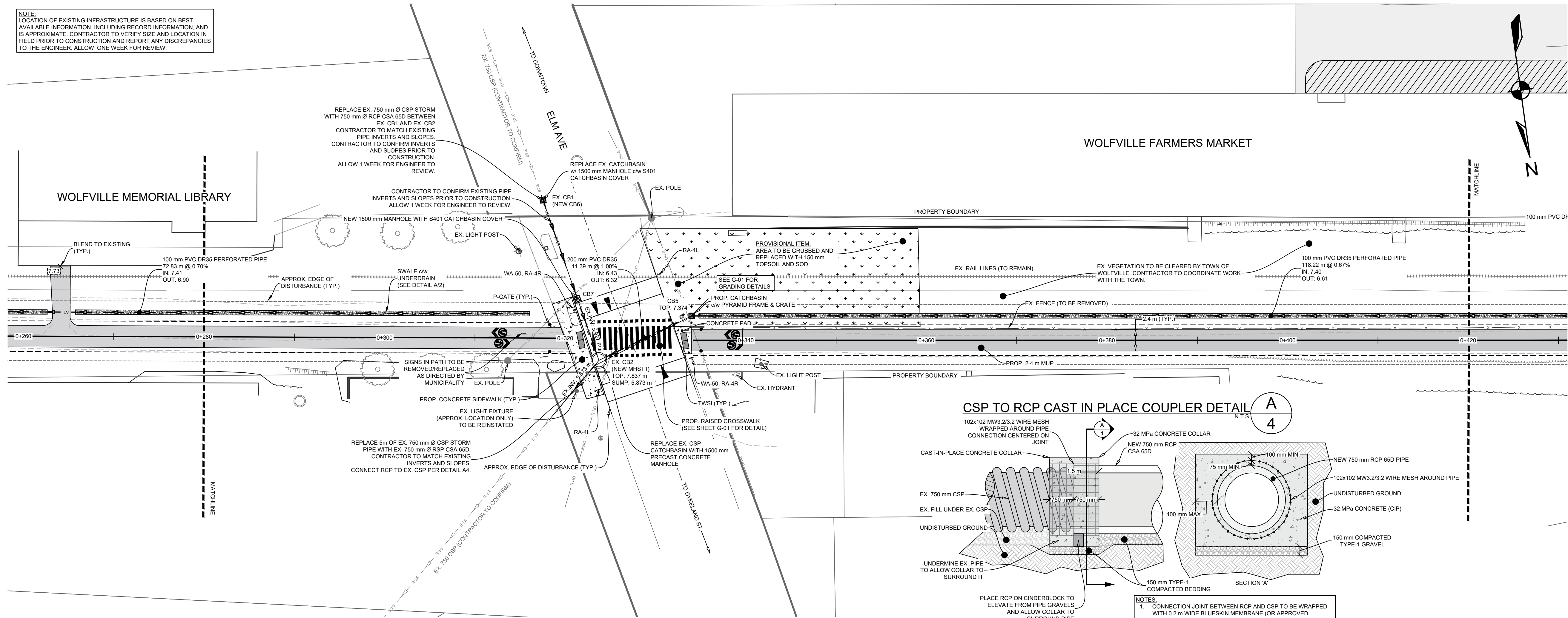
**HARVEST MOON TRAIL
CONNECTION & UPGRADES**

WOLFVILLE, NOVA SCOTIA
SHEET DESCRIPTION

PLAN & PROFILE
STA. 0+120 TO 0+280

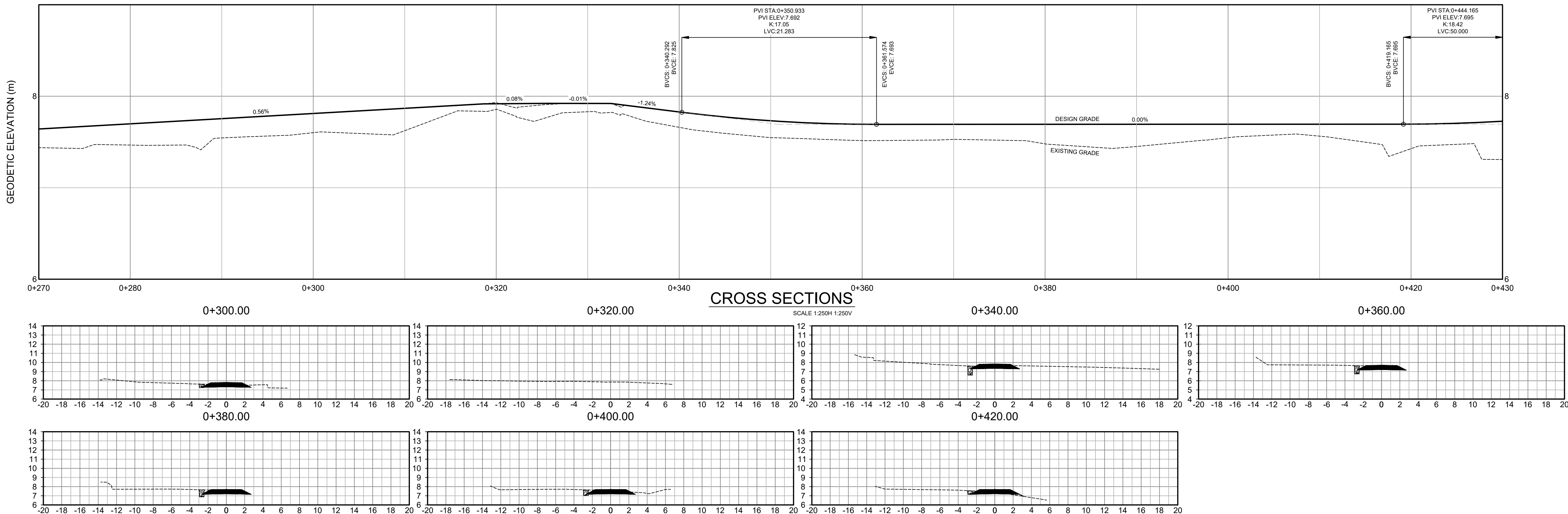
Drawn J. BENEDICT	Engineer G. WOODFORD	Project No. 23-410	Drawing No. C-03
Scale 1:250 H, 1:25 V	Filename 23-410_Base.dwg		3 of 10

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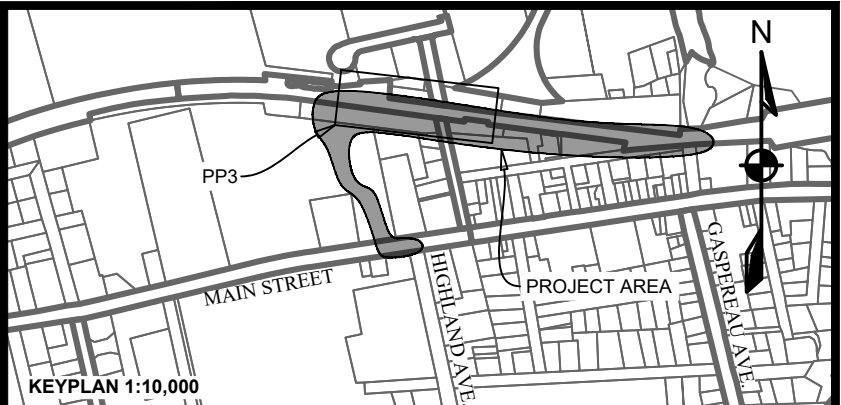
HARVEST MOON TRAIL CENTRELINE PROFILE

SCALE 1:250H 1:25V



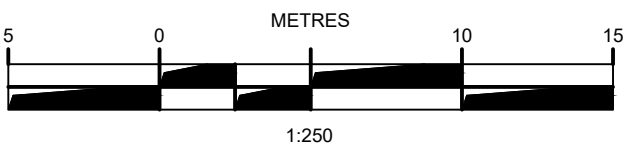
CROSS SECTIONS

SCALE 1:250H 1:250V



LEGEND

EXISTING	VERTICAL PROFILE	PROPOSED
-----	APPROXIMATE 1 IN 100 YEAR FLOOD LIMIT	-----
-----	EASEMENT	-----
-----	WATER PIPE	-----
-----	SANITARY PIPE	-----
-----	STORM PIPE	-----
-----	NATURAL GAS MAIN	-----
-----	RAILROAD	-----
-----	SANITARY LATERAL	-----
-----	STORM LATERAL	-----
-----	NATURAL GAS LATERAL	-----
-----	DISTURBANCE AREA	-----
-----	WALKWAY/V.T. TRAIL	-----
-----	GUARDRAIL	-----
-----	TOP OF SLOPE	-----
-----	BOTTOM OF SLOPE	-----
-----	FENCELINE	-----
-----	EXISTING PROPOSED	-----
-----	AIR RELEASE VALVE	-----
-----	WATER VALVE	-----
-----	HYDRANT	-----
-----	CATCHBASIN	-----
-----	UTILITY POLE w/ GUY WIRE	-----
-----	GLB	-----
-----	URD	-----



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PROJECT DESCRIPTION

**HARVEST MOON TRAIL
CONNECTION & UPGRADES**

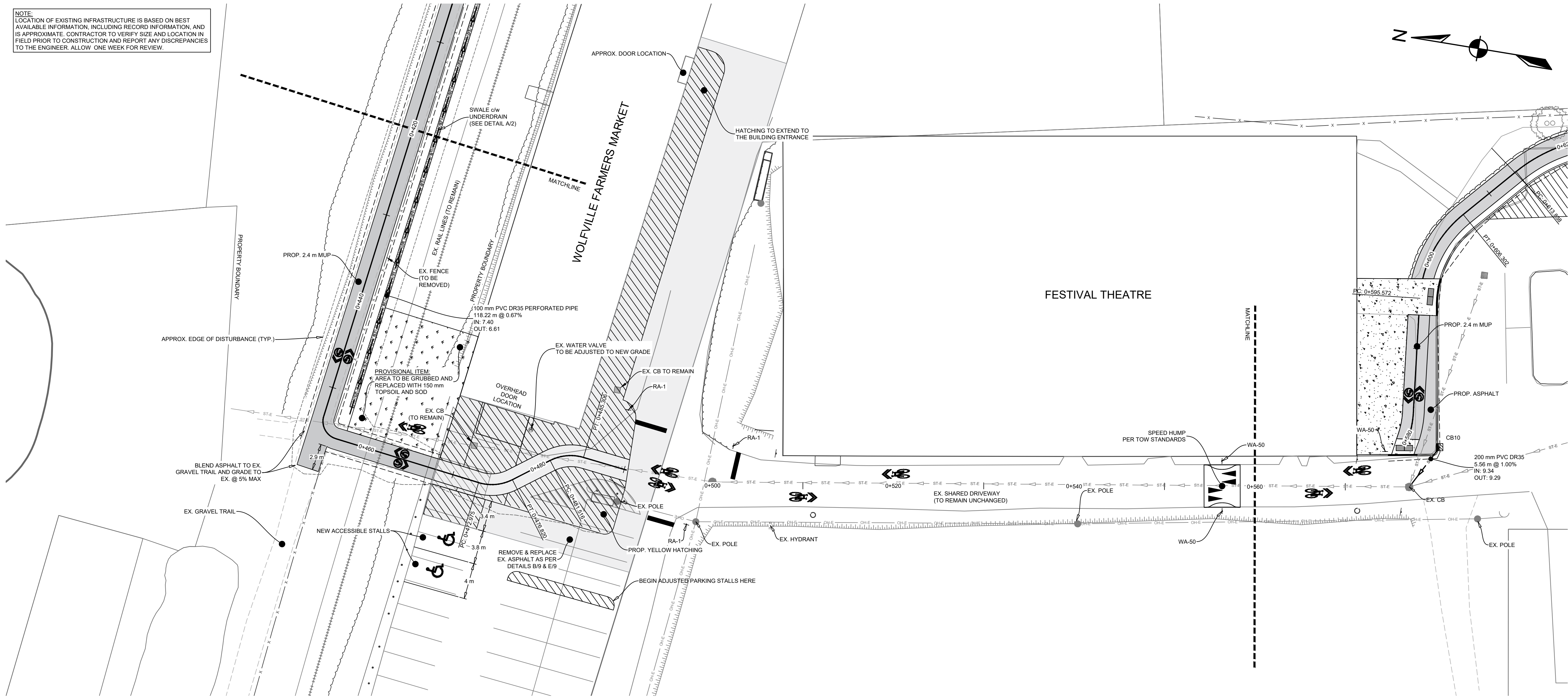
WOLFVILLE, NOVA SCOTIA

SHEET DESCRIPTION

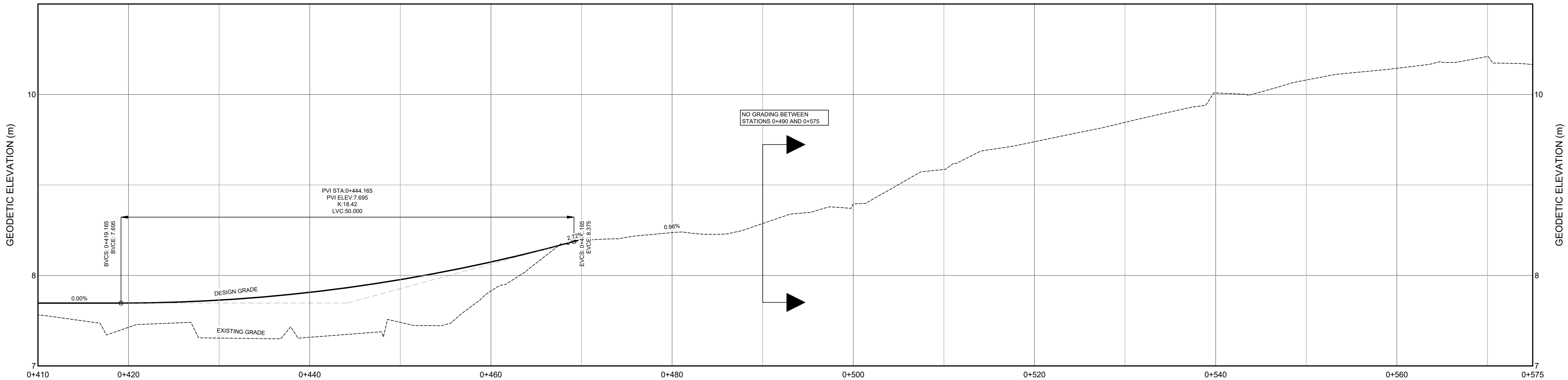
**PLAN & PROFILE
STA. 0+280 TO 0+420**

Drawn J. BENEDICT	Engineer G. WOODFORD	Project No. 23-410	Drawing No. C-04
Scale 1:250 H, 1:25V	Filename 23-410_Base.dwg		4 of 10

NOTE:
LOCATION OF EXISTING INFRASTRUCTURE IS BASED ON BEST AVAILABLE INFORMATION, INCLUDING RECORD INFORMATION, AND IS APPROXIMATE. CONTRACTOR TO VERIFY SIZE AND LOCATION IN FIELD PRIOR TO CONSTRUCTION AND REPORT ANY DISCREPANCIES TO THE ENGINEER, ALLOW ONE WEEK FOR REVIEW.



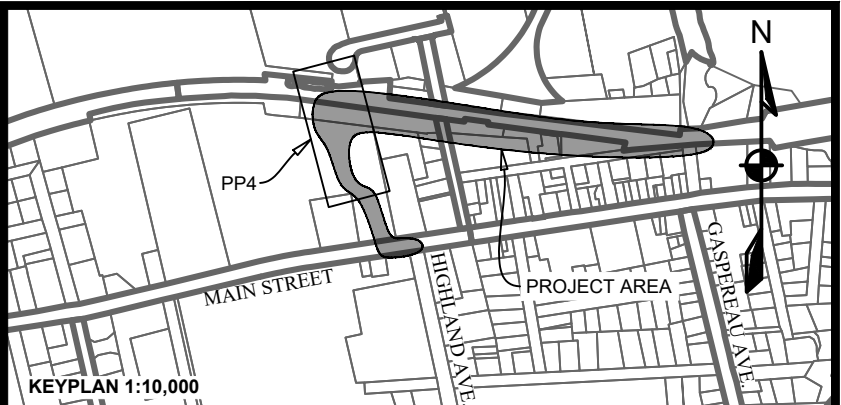
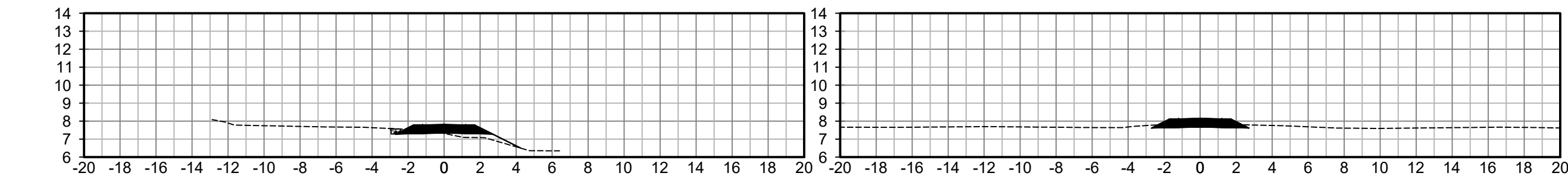
HARVEST MOON TRAIL CENTRELINE PROFILE
SCALE 1:250H 1:25V



CROSS SECTIONS
SCALE 1:250H 1:250V

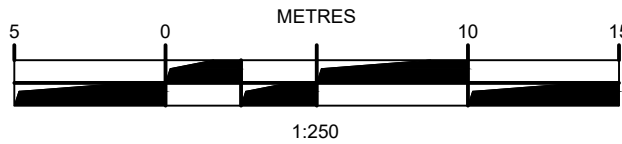
0+440.00

0+460.00



LEGEND

EXISTING	VERTICAL PROFILE	PROPOSED
-----	APPROXIMATE 1 IN 100 YEAR FLOOD LIMIT	-----
-----	EASEMENT	-----
-----	WATER PIPE	-----
-----	SANITARY PIPE	-----
-----	STORM PIPE	-----
-----	NATURAL GAS MAIN	-----
-----	RAILROAD	-----
-----	SANITARY LATERAL	-----
-----	STORM LATERAL	-----
-----	NATURAL GAS LATERAL	-----
-----	DISTURBANCE AREA	-----
-----	WALKWAY/A.T. TRAIL	-----
-----	GUARDRAIL	-----
-----	TOP OF SLOPE	-----
-----	BOTTOM OF SLOPE	-----
-----	FENCELINE	-----
-----	EXISTING PROPOSED	EXISTING PROPOSED
-----	AIR RELEASE VALVE	-----
-----	WATER VALVE	-----
-----	HYDRANT	-----
-----	CATCH-BASIN	-----
-----	UTILITY POLE w/ GUY WIRE	-----
-----	GLB	-----
-----	URD	-----



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PROJECT DESCRIPTION

**HARVEST MOON TRAIL
CONNECTION & UPGRADES**

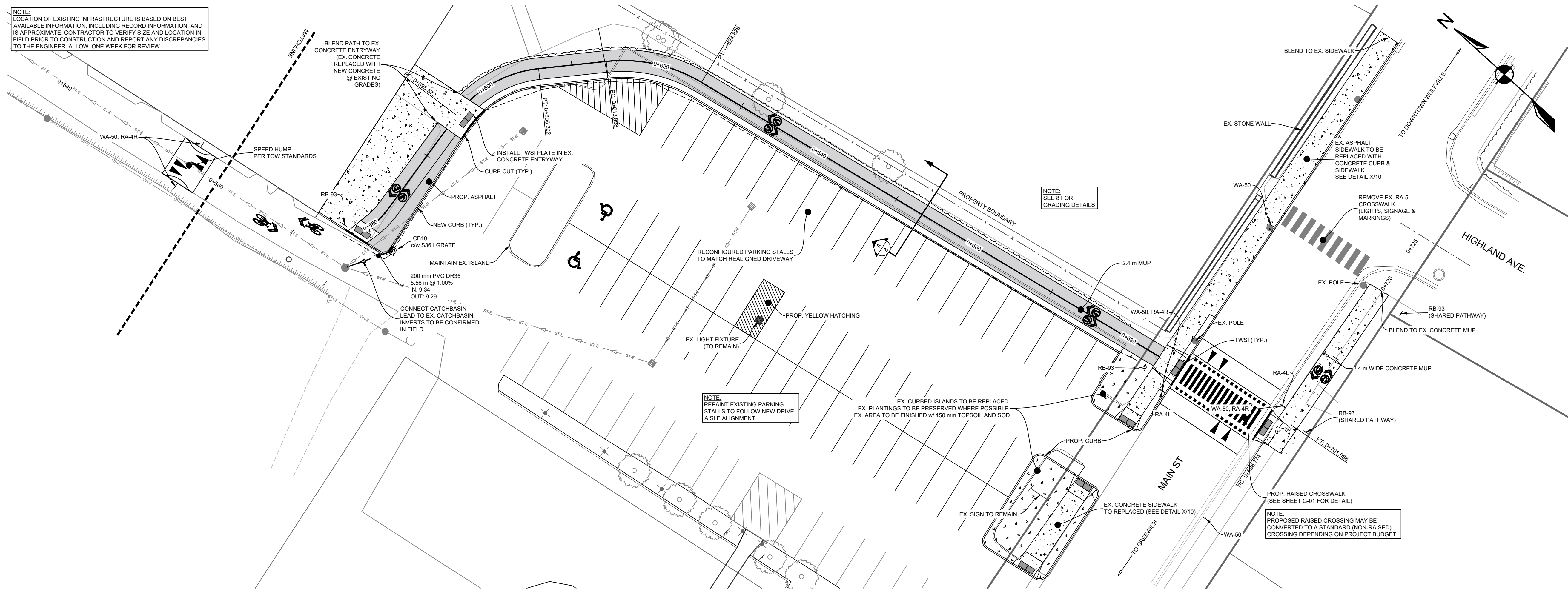
WOLFVILLE, NOVA SCOTIA

SHEET DESCRIPTION

**PLAN & PROFILE
STA. 0+420 TO 0+570**

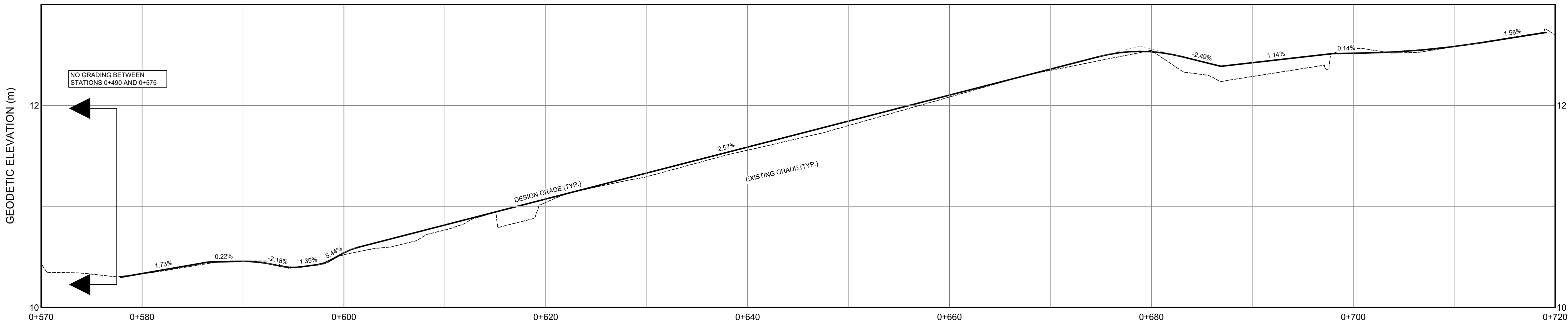
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Scale 1:250 H, 1:25 V	Filename 23-410_Base.dwg		5 of 10

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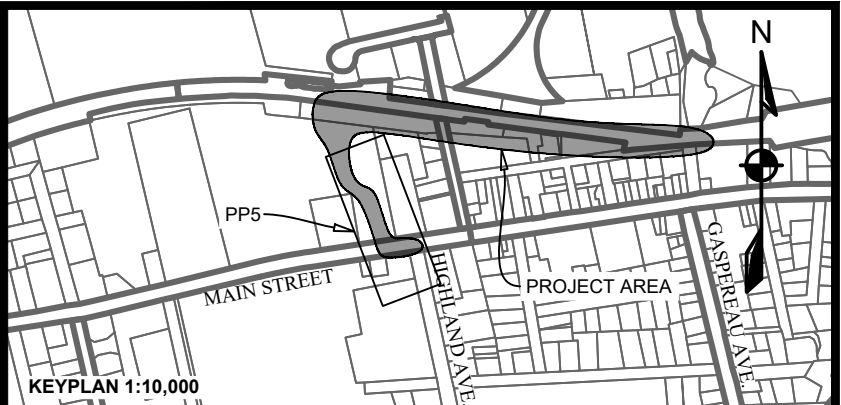
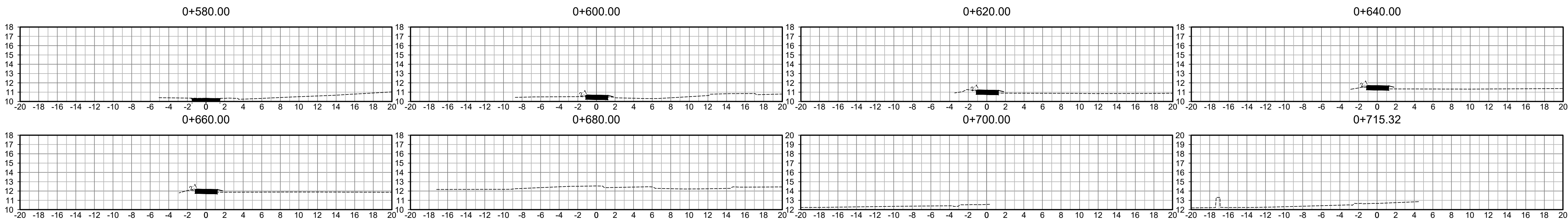
HARVEST MOON TRAIL CENTRELINE PROFILE

SCALE 1:250H 1:25V



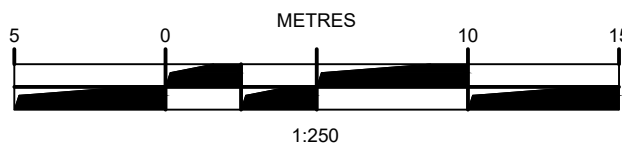
CROSS SECTIONS

SCALE 1:250H 1:250V



LEGEND

EXISTING	VERTICAL PROFILE	PROPOSED
-----	APPROXIMATE 1 IN 100 YEAR FLOOD LIMIT	-----
-----	EASEMENT	-----
-----	WATER PIPE	-----
-----	SANITARY PIPE	-----
-----	STORM PIPE	-----
-----	NATURAL GAS MAIN	-----
-----	RAILROAD	-----
-----	SANITARY LATERAL	-----
-----	STORM LATERAL	-----
-----	NATURAL GAS LATERAL	-----
-----	DISTURBANCE AREA	-----
-----	WALKWAY/A.T. TRAIL	-----
-----	GUARDRAIL	-----
-----	TOP OF SLOPE	-----
-----	BOTTOM OF SLOPE	-----
-----	FENCELINE	-----
-----	EXISTING PROPOSED	-----
-----	AIR RELEASE VALVE	-----
-----	WATER VALVE	-----
-----	HYDRANT	-----
-----	CATCHBASIN	-----
-----	UTILITY POLE w/ GUY WIRE	-----
-----	GLB	-----
-----	URD	-----



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PROJECT DESCRIPTION

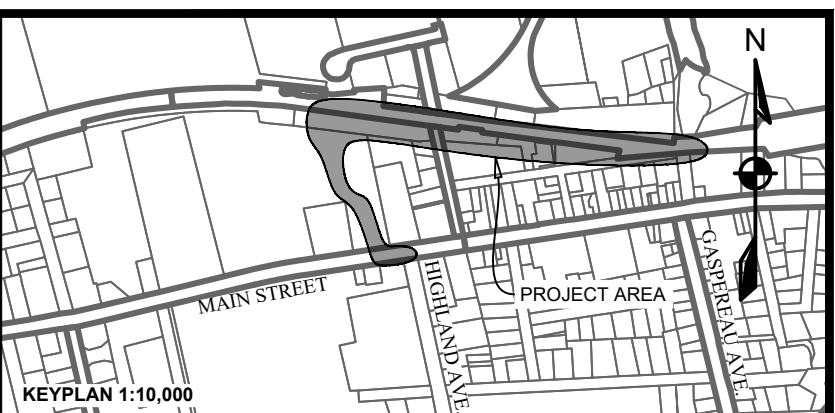
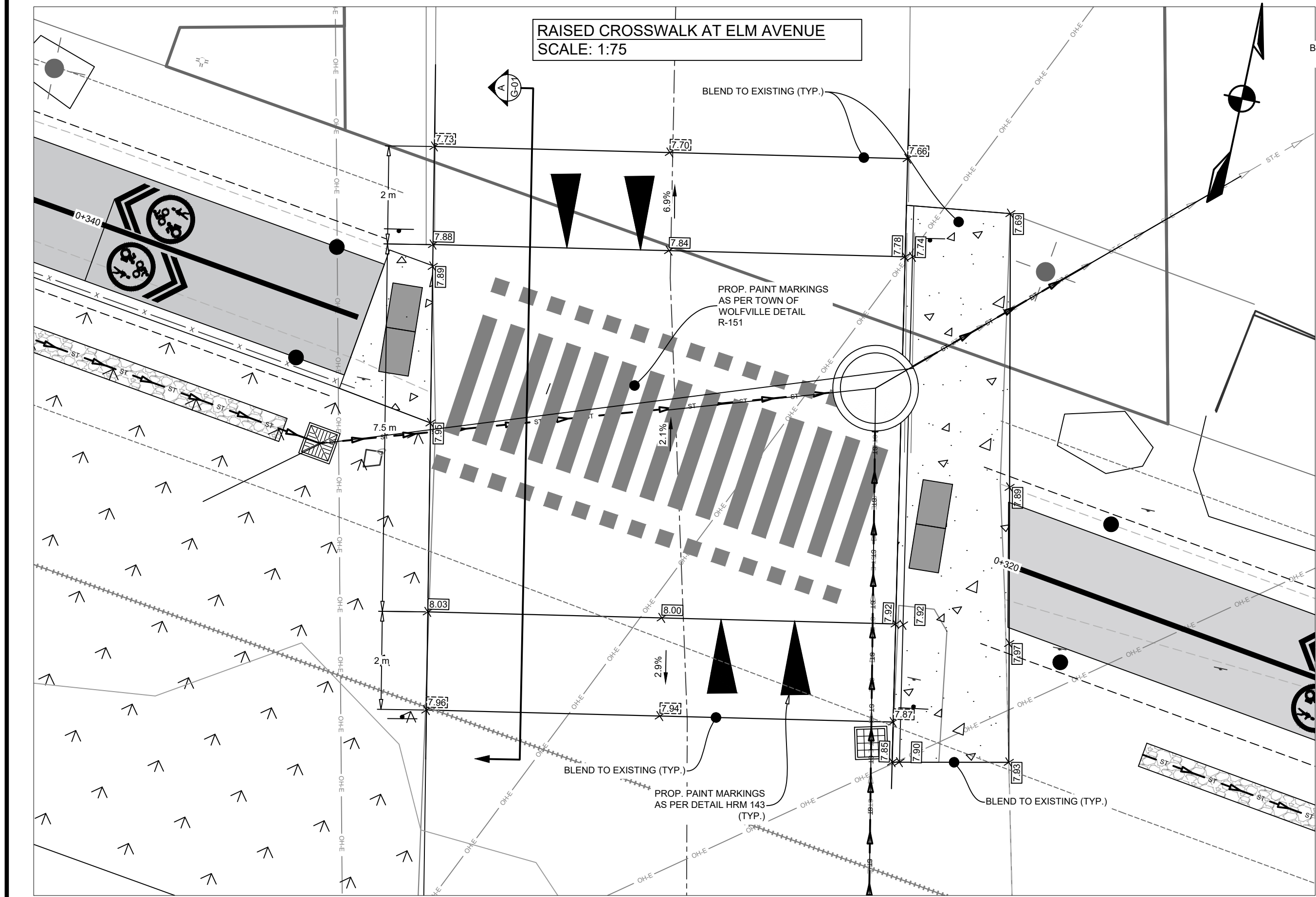
HARVEST MOON TRAIL
CONNECTION & UPGRADES























WOLFVILLE, NOVA SCOTIA

SHEET DESCRIPTION

PLAN & PROFILE
STA 0+570 TO 0+720

Drawn J. BENEDICT	Engineer G. WOODFORD	Project No. 23-410	Drawing No. C-06
Scale 1:250 H, 1:25 V	Filename 23-410_Base.dwg		6 of 10



LEGEND				
EXISTING		PROPOSED		
 — 10 —		 — 10 —		
 — 10 —		 — 10 —		
				
				
				
				
				
				
				
				
				

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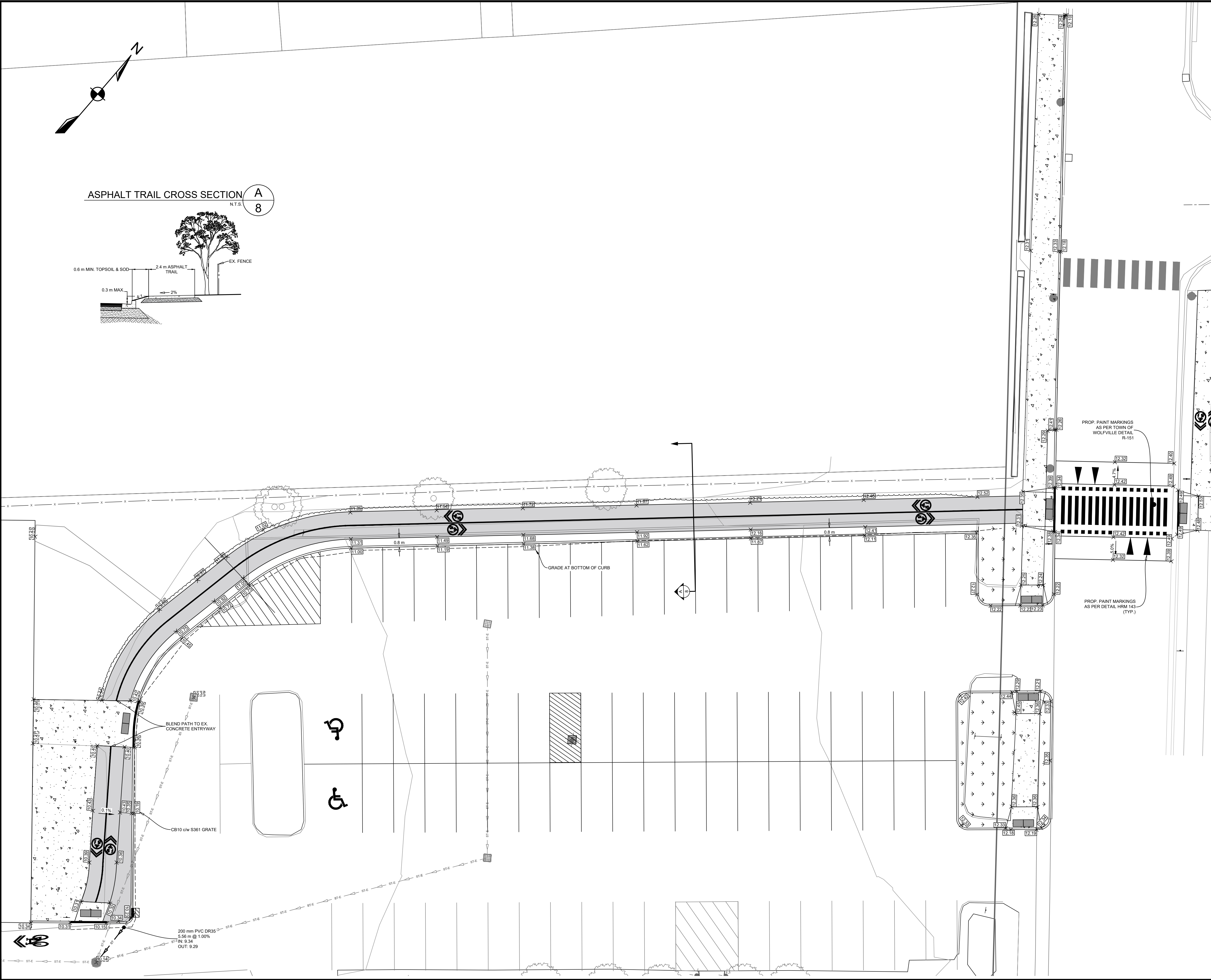
HARVEST MOON TRAIL CONNECTION & UPGRADES

WOLFVILLE, NOVA SCOTIA

SHEET DESCRIPTION

GRADING SHEET 1

Drawn J. BENEDICT	Engineer G. WOODFORD	Project No. 23-410	Drawing No. G-01 7 of 10
Scale AS NOTED	Filename 23-410_Base.dwg		



KEYPLAN 1:10,000

MAIN STREET

PROJECT AREA

LEGEND

EXISTING		PROPOSED
10	MAJOR CONTOUR	10
10	MINOR CONTOUR	10
---	EASEMENT	---
---	RIGHT OF WAY	---
---	LOT LINE	---

EXISTING	PROPOSED	
PRECAST HEADWALL		
SURFACE GRADE		
SURFACE SLOPE		

10 0 20 30

METRES

1:500

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WOLFVILLE, NOVA SCOTIA

SHEET DESCRIPTION

GRADING SHEET 2

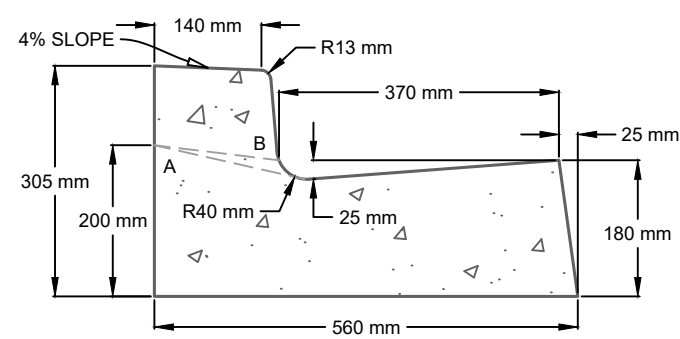
Drawn	Engineer	Project No.	Drawing No.
J. BENEDICT	G. WOODFORD	23-410	G-02
Scale	Filename		
1:150	23-410_Base.dwg		8 of 10

GENERAL CONSTRUCTION NOTES:

- SAFETY IS PARAMOUNT AND THE CONTRACTOR MUST USE SAFE WORK PRACTICES IN ACCORDANCE WITH THE NOVA SCOTIA OCCUPATIONAL HEALTH AND SAFETY ACT.
- ALL WORKS TO BE IN ACCORDANCE WITH TOWN OF WOLFVILLE STANDARDS AND REQUIREMENTS.
- ALL WORKS TO BE IN ACCORDANCE WITH THE "STANDARD SPECIFICATION FOR MUNICIPAL SERVICES" PREPARED JOINTLY BY THE NOVA SCOTIA ROADBUILDERS ASSOCIATION AND THE CONSULTING ENGINEERS OF NOVA SCOTIA (CURRENT EDITION).
- ALL WORKS TO BE IN ACCORDANCE WITH THE NOVA SCOTIA DEPARTMENT OF ENVIRONMENT AND REGULATIONS AS ISSUED BY THE NOVA SCOTIA DEPARTMENT OF ENVIRONMENT.
- CONTRACTOR TO NOTIFY DESIGNPOINT OF ANY DISCREPANCIES IMMEDIATELY.
- CONSTRUCTION SCHEDULING 2 WEEKS PRIOR TO COMMENCING CONSTRUCTION.
- CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF NATURAL WATERCOURSES FROM DAMAGE DUE TO SILT LADEN RUNOFF FROM THE CONSTRUCTION SITE. ACCEPTABLE CONSTRUCTION PROCEDURES MAY BE OBTAINED FROM EROSION AND SEDIMENTATION CONTROL HANDBOOK FOR CONSTRUCTION (CURRENT EDITION) BY THE NOVA SCOTIA DEPARTMENT OF ENVIRONMENT.
- ALL DISTURBED AREAS NOT STABILIZED BY GRAVEL, ASPHALT, CONCRETE, OR SOD ARE TO BE STABILIZED WITH 100mm TOPSOIL AND HYDROSEED. HYDROSEED AREAS TO BE COVERED WITH HAY MULCH (MIN. 3500 kg/ha). HYDROSEED AREAS THAT DO NOT SHOW ACTIVE GROWTH WITHIN THE FIRST GROWING SEASON TO BE RE-STABILIZED.
- MATERIALS SHALL NOT BE SUBSTITUTED UNLESS PRIOR APPROVAL IS PROVIDED BY THE ENGINEER.
- SHOP DRAWINGS TO BE PROVIDED FOR REVIEW AND APPROVAL BY THE ENGINEER PRIOR TO CONSTRUCTION.
- CONTRACTOR TO OBTAIN ALL NECESSARY PERMITS REQUIRED TO PERFORM WORKS AND TO COMPLY WITH ALL PERMIT REQUIREMENTS AND CONDITIONS.
- LOCATIONS OF EXISTING INFRASTRUCTURE IS BASED ON BEST AVAILABLE INFORMATION, INCLUDING RECORD INFORMATION. CONTRACTOR TO CONFIRM LOCATIONS OF EXISTING INFRASTRUCTURE AND NOTIFY ENGINEER OF ANY DISCREPANCIES IMMEDIATELY.
- CONTRACTOR TO ALLOW A 1 WEEK REVIEW PERIOD BY THE ENGINEER.
- CONTRACTOR TO VERIFY ALL EXISTING UTILITY LOCATIONS, SUCH AS EASTWARD ENERGY, NOVA SCOTIA POWER, BELL ALIANT, EASTLINK, AND THE TOWN OF WOLFVILLE.
- CONTRACTOR TO VISIT CLICKBEECEOSYS.COM TO REQUEST LOCATES PRIOR TO COMPLETING ANY EXCAVATION. CONTRACTOR SHALL ADHERE TO ALL OCCUPATIONAL HEALTH AND SAFETY REGULATIONS FOR WORKING AROUND LIVE GAS MAINS.
- ALL POWER AND COMMUNICATION INFRASTRUCTURE TO BE INSTALLED AS PER NSPI AND COMMUNICATION PROVIDER (I.E. BELL) SPECIFICATIONS. CONTRACTOR TO CONFIRM AND COORDINATE WITH UTILITIES AS REQUIRED.
- PERMISSION FROM LANDOWNERS REQUIRED TO WORK ON PRIVATE PROPERTY.
- CONTRACTOR TO NOTIFY PROPERTY OWNERS WHO WILL EXPERIENCE DISRUPTION DURING THE WORK (PROPERTY ACCESS, MUNICIPAL SERVICE LOSS, POWER/COMMUNICATION LOSS, ETC.) AT LEAST 48 HOURS PRIOR TO THE DISRUPTION.
- ALL ELEVATIONS ARE METRIC AND GEODETIC. TOPOGRAPHICAL SURVEY COMPLETED BY DESIGNPOINT IN JULY 2023. CONTRACTOR TO CONTACT DESIGNPOINT FOR CONSTRUCTION LAYOUT CONTROL INFORMATION 2 WEEKS PRIOR TO CONSTRUCTION.
- ALL EARTHWORK (INCLUDING SUBGRADE), TRENCH WORK, PIPE BEDDING, AND SURFACE TREATMENT (INCLUDING GRAVELS, ASPHALT, AND CONCRETE) TO BE REVIEWED AND CERTIFIED BY PROJECT GEOTECHNICAL ENGINEER.
- DRAWINGS SUBJECT TO CONSTRUCTION APPROVAL BY THE APPLICABLE APPROVAL AGENCIES (E.G. TOWN OF WOLFVILLE, NOVA SCOTIA DEPARTMENT OF ENVIRONMENT) PRIOR TO CONSTRUCTION.
- CONTRACTOR RESPONSIBLE FOR ALL TRAFFIC CONTROL MEASURES REQUIRED FOR THE PROJECT. ALL TEMPORARY TRAFFIC CONTROL MEASURES TO BE IN ACCORDANCE WITH THE LATEST EDITION OF THE NOVA SCOTIA TRANSPORTATION AND INFRASTRUCTURE RENEWAL TEMPORARY WORKSPACE TRAFFIC CONTROL MANUAL AND THE LATEST EDITION OF THE TRANSPORTATION ASSOCIATION OF CANADA MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR CANADA.
- CONTRACTOR MAY REQUEST GRADE ADJUSTMENTS SUBJECT TO REVIEW AND APPROVAL BY ENGINEER AND APPLICABLE APPROVAL. CONTRACTOR RESPONSIBLE FOR COSTS ASSOCIATED WITH DRAWING REVISIONS AND APPROVALS.
- BEDDING GRAVELS MAY NOT BE SUBSTITUTED FOR CLEAR STONE WITHOUT WRITTEN APPROVAL FROM THE PROJECT GEOTECHNICAL ENGINEER. PLACE GEOTEXTILE FABRIC BETWEEN CLEAR STONE AND ABUTTING MATERIAL.
- ALL TEMPORARY ROAD CLOSURES WILL REQUIRE A ROAD CLOSURES PERMIT.
- AT THE COMPLETION OF CONSTRUCTION, THE CONTRACTOR IS TO COMPLETE AND PROVIDE A COPY OF A CCTV INSPECTION AND REPORT TO THE ENGINEER FOR REVIEW OF ALL GRAVITY SEWERS 150 mm Ø OR LARGER.
- ALL TESTING OF SEWERS TO BE IN ACCORDANCE WITH SECTION 33.31.00 OF BLUE BOOK.
- R WATER MAINS AND SERVICES PRIOR TO TESTING PRIVATE INFRASTRUCTURE).
- ANY FIELD MANHOLE CONNECTIONS (IF REQUIRED) TO BE MADE USING CORE DRILL AND KORK-SEAL (SUBJECT TO APPROVAL BY UTILITY AND ENGINEER).
- ALL GRAVITY PIPE TO BE INSTALLED IN AN UPSTREAM DIRECTION. CONTRACTOR TO BEGIN PIPE INSTALLATION AT THE MOST DOWNSTREAM LOCATION. INSTALLING TEMPORARILY ORPHANED PIPE SECTIONS IS NOT ACCEPTABLE UNLESS APPROVED BY THE UTILITY AND THE ENGINEER.
- CONTRACTOR TO PROVIDE 24 HOURS NOTICE TO TOWN OF WOLFVILLE AND THE ENGINEER OF PIPE AND MANHOLE TESTING, INCLUDING CCTV INSPECTION AND DEFLECTION TESTING.
- MAINTAIN 2.0 m OF UNDISTURBED & RETAINED SOIL AROUND ALL UTILITY POLES, AND 3.0 m AROUND ANCHORS. IF THESE CONDITIONS CANNOT BE MET, THEN THE CONTRACTOR MUST HOLD THE POLES WITH A NON-DESTRUCTIVE (NO BOLTING THROUGH POLE) POLE SUPPORT MECHANISM. THIS MUST BE AN ENGINEERED SYSTEM AND A STAMPED ENGINEERING DRAWING MUST BE FORWARDED TO THE POLE OWNER FOR APPROVAL.

TYPICAL CURB DETAIL

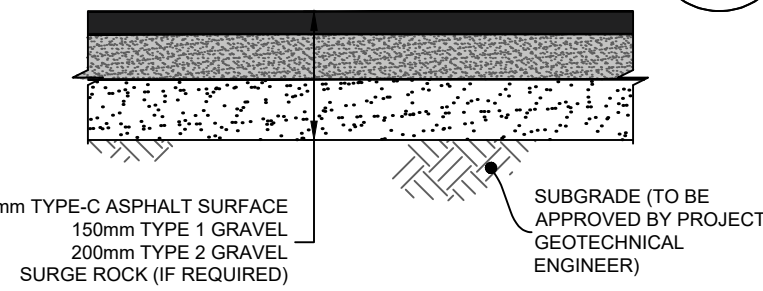
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NOTES:
LINE A INDICATES CURB AT PEDESTRIAN RAMPS.
LINE B INDICATES CURB AT DRIVEWAYS

TYPICAL ASPHALT STRUCTURE

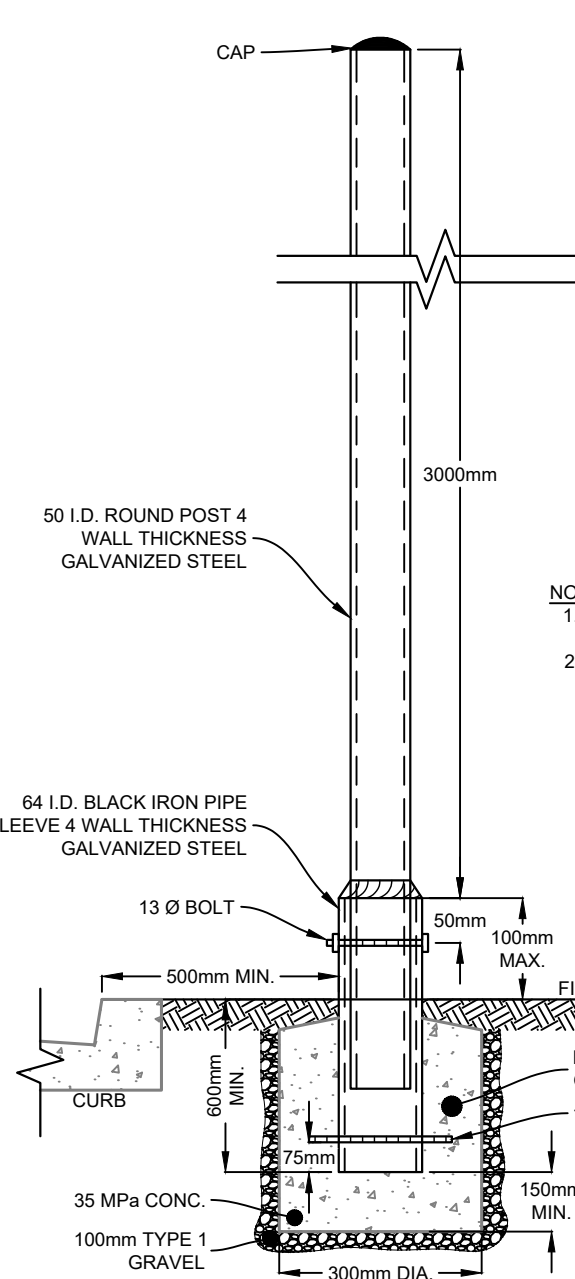
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NOTE:
REFER TO PROJECT GEOTECHNICAL REPORT FOR PLACEMENT AND COMPACTION DETAILS. ASPHALT AND GRAVEL THICKNESS TO BE REVIEW AND CONFIRMED BY PROJECT GEOTECHNICAL ENGINEER PRIOR TO CONSTRUCTION.

URBAN TRAFFIC SIGN POST DETAIL

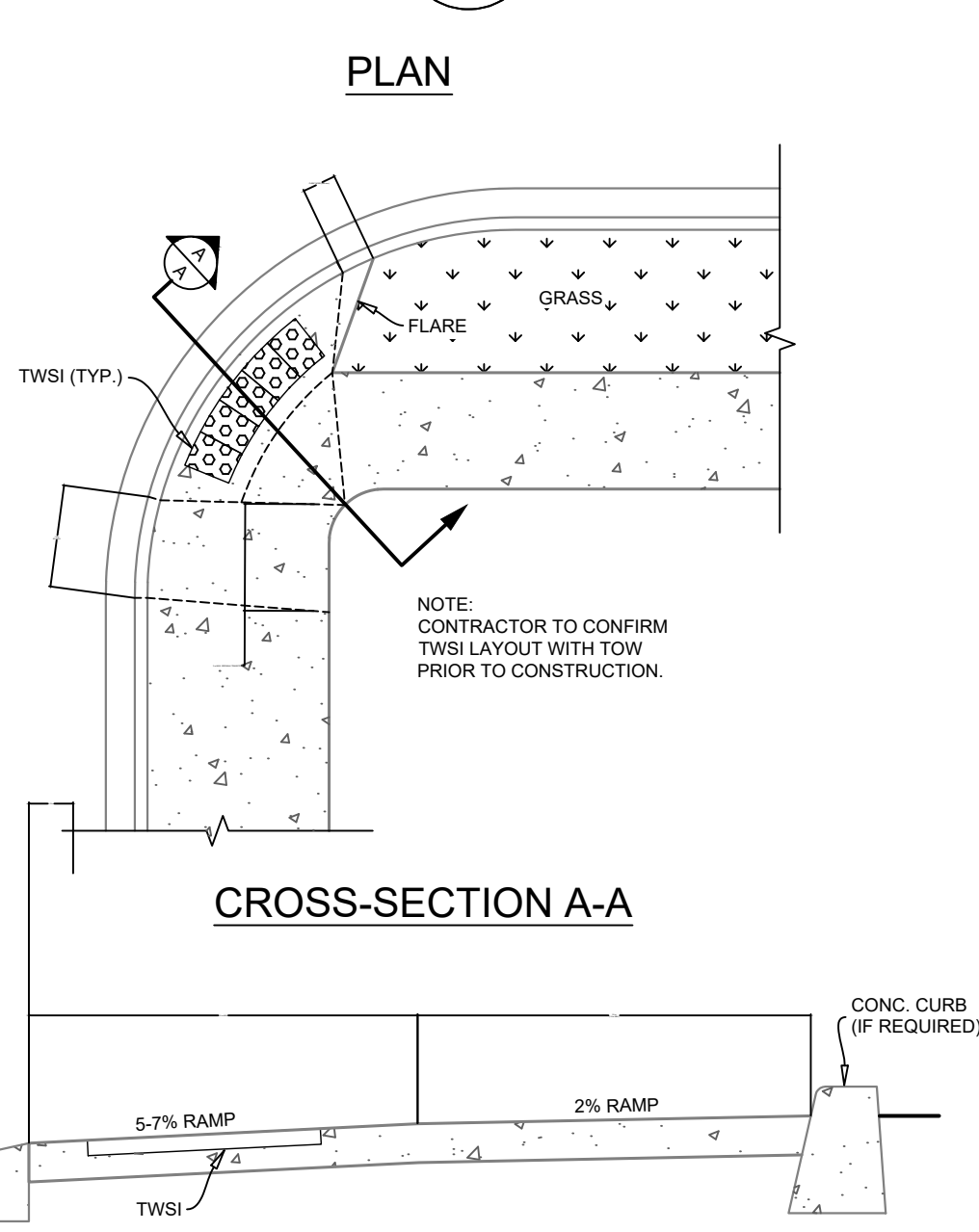
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- NOTES:
- FOR USE IN AREAS WITH A CURB AND GUTTER (URBAN LOCATIONS).
 - TOW TO WELD THE POST AND SUPPLY AND INSTALL APPROPRIATE SIGNS.

TACTILE WALKING SURFACE INDICATOR RAMP PLACEMENT DETAIL

N.T.S.

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NOTES:

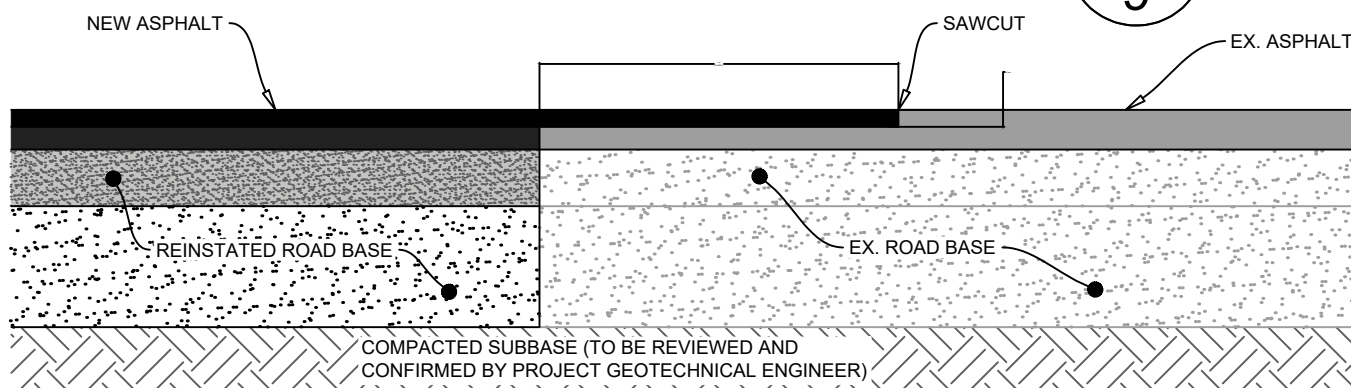
- NATURAL CAST IRON ATTENTION TWSI (TACTILE WALKING SURFACE INDICATOR) PLATES TO CSA B651, AND AS INDICATED IN THE PROJECT DOCUMENTS.
- AT LEAST ONE CORNER OF EACH PLATE TO TOUCH ANOTHER. MAXIMUM GAP BETWEEN EACH PLATE TO BE 150 mm.
- MAXIMUM GAP BETWEEN PLATES AND START OF TAPER TO BE 100 mm.
- FOR STREETS OF LESS THAN 8%, TRANSITION CURB AND SIDEWALK TO MAXIMUM GRADE OF 8%, OR TIE IN AT 3 m. FOR SIDEWALK, 1.3 m FOR CURB.
- IF THE DISTANCE FROM BACK OF THE CURB TO BACK OF THE SIDEWALK IS LESS THAN 2.0 m, SLOPE AT 2% FROM BACK OF CURB TO BACK OF SIDEWALK.
- PLATES SHALL BE PLACED WITH THE TOP OF THE BASE PLATE (BOTTOM OF DOMES) LEVEL WITH CONCRETE SURFACE.
- ALL PLATES TO BE 610 mm DEEP.
- PEDESTRIAN RAMP OPENING TO BE 1.7 m MINIMUM, MEASURED FROM 100 mm BEYOND THE EXTENSION OF THE SIDEWALK TO THE CURB.

TWSI PLATE SIZE / SHAPE

CURB RADIUS (m)	PLATE SIZE / SHAPE
2.5 - 3.9	3.05 RADIUS
4 - 6.9	4.75 RADIUS
9 - 10+	RECTANGULAR

ASPHALT REINSTATEMENT DETAIL

N.T.S.

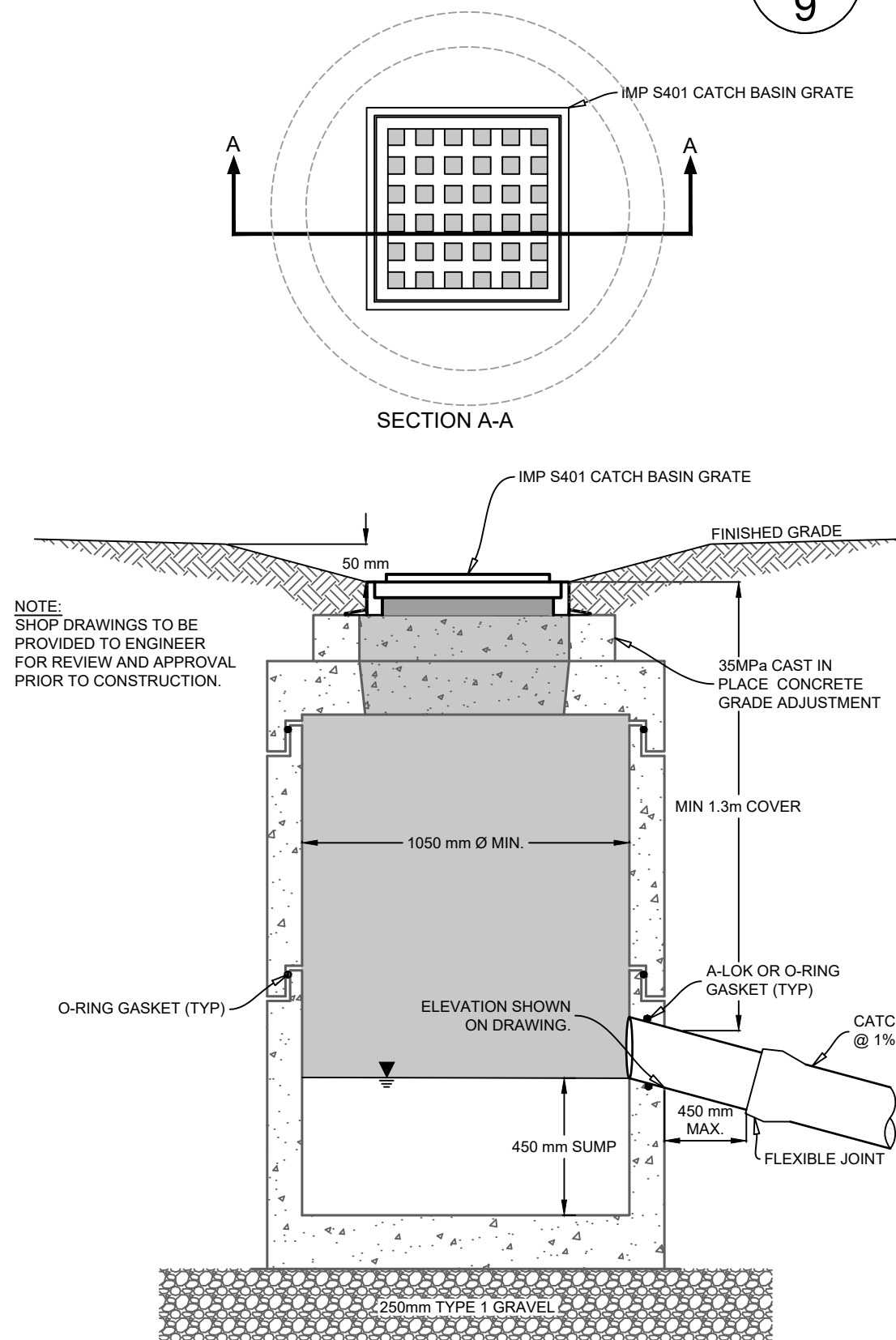
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GENERAL EROSION AND SEDIMENT CONTROL NOTES

- EXPPOSED SOIL TO BE MINIMIZED AT ALL TIMES DURING CONSTRUCTION TO LIMIT SEDIMENT LADEN RUNOFF. THIS IS TO BE ACCOMPLISHED BY COMPLETING ALL WORK IN A GIVEN AREA ONCE EXCAVATION HAS BEGUN BEFORE DISTURBING ADDITIONAL SOIL. CONTRACTOR IS TO BE AWARE OF CURRENT WEATHER FORECASTS AND PLAN SOIL STABILIZATION ACCORDINGLY.
- ALL WORKS TO BE IN ACCORDANCE WITH NOVA SCOTIA DEPARTMENT OF ENVIRONMENT REQUIREMENTS.
- CONTRACTOR TO ACQUIRE ALL PERMITS REQUIRED TO PERFORM WORK AND TO COMPLY WITH ALL PERMIT REQUIREMENTS DURING CONSTRUCTION.
- CONTRACTOR TO PROTECT NATURAL WATERCOURSES FROM SILT LADEN RUNOFF FROM CONSTRUCTION SITE. CONSTRUCTION PROCEDURES CAN BE FOUND IN THE CURRENT EDITION OF "EROSION AND SEDIMENTATION CONTROL HANDBOOK FOR CONSTRUCTION SITES" BY THE NOVA SCOTIA DEPARTMENT OF ENVIRONMENT.
- CONTRACTOR TO ENSURE THAT ALL EXPOSED AREAS ARE STABILIZED PRIOR TO RAINFALL EVENTS BY CHECKING ENVIRONMENT CANADA FORECASTS (https://weather.gc.ca/canada_e.html).
- CONTRACTOR TO PERFORM WEEKLY INSPECTIONS OF SEDIMENT CONTROL MEASURES AND MAKE REPAIRS AS NEEDED. ADDITIONAL INSPECTION AND REPAIR TO BE CARRIED OUT BEFORE AND AFTER ANY RAINFALL EXCEEDING 10mm. A LOG OF EACH INSPECTION AND REPAIR IS TO BE KEPT ALONG WITH A WEEKLY REPORT OF EXPOSED AREAS.
- TRIBUTARY STORM RUNOFF FROM SITE TO BE DIRECTED INTO SEDIMENT CONTROL DEVICES DURING CONSTRUCTION.
- CONTRACTOR TO CONSTRUCT AND MAINTAIN DIVERSION DITCHES THROUGH AND AROUND THE SITE TO MINIMIZE CONTAMINATION OF CLEAN WATER.
- CONTRACTOR TO HAVE ADDITIONAL SEDIMENT CONTROL MEASURES ON SITE INCLUDING SILT FENCE, BALED HAY, AND LOOSE HAY/MULCH TO MAINTAIN OR INSTALL CONTROL MEASURES AS REQUIRED.
- EXPPOSED SURFACES TO BE COVERED WITH HAY, MULCH, OR WOOD CHIPS TO LIMIT SEDIMENT RUNOFF.
- CONTRACTOR MAY SUBSTITUTE WOOD CHIP BERM FOR SILT FENCE IN ROCKY AREAS WHERE SILT FENCE CANNOT BE INSTALLED.
- SEDIMENTATION BERMS AND PONDS TO REMAIN IN SERVICE UNTIL PROJECT ENGINEER OR THE MUNICIPALITY REQUESTS THEIR REMOVAL. THIS WILL ONLY OCCUR AFTER LOT AND BUILDING CONSTRUCTION IS COMPLETE.
- SEDIMENTATION BERMS AND PONDS TO BE REMOVED IN THE FOLLOWING ORDER. LEVEL OFF BERMS, HYDROSEED AND COVER ALL EXPOSED AREAS WITH HAY, THEN FILL IN PONDS.
- UPON COMPLETION OF GRADING ACTIVITY, ALL LOT DRAINAGE EASEMENTS ARE TO BE HYDROSEED AND MULCHED.
- TOPSOIL AND HYDROSEED TO BE PLACED ON ALL AREAS NOT FINISHED WITH ASPHALT, CONCRETE, GRAVEL, OR SOD.
- ACCESS ROADS TO SITE ARE TO BE MAINTAINED WITH CLEAN GRAVEL APPLIED PERIODICALLY TO COVER MUDDY AREAS. CLEANING OF ADJACENT STREETS IS THE RESPONSIBILITY OF THE CONTRACTOR AS DIRECTED BY THE ENGINEER.
- VEHICLE ACCESS TO CONSTRUCTION SITE TO BE RESTRICTED.
- STABILIZE ON-SITE STOCKPILES USING APPROPRIATE MEASURES (SILT FENCE, HAY, TAPPS, ETC.).
- ALL SEDIMENT CONTROL MEASURES TO BE OPERATIONAL OVER ENTIRE CONSTRUCTION PERIOD.
- SEDIMENTATION AND EROSION CONTROL MEASURES ARE SUBJECT TO CHANGE. ADDITIONAL MEASURES MAY BE REQUIRED DEPENDING ON SITE CONDITIONS DURING CONSTRUCTION.

TYP. OFF STREET CATCH BASIN

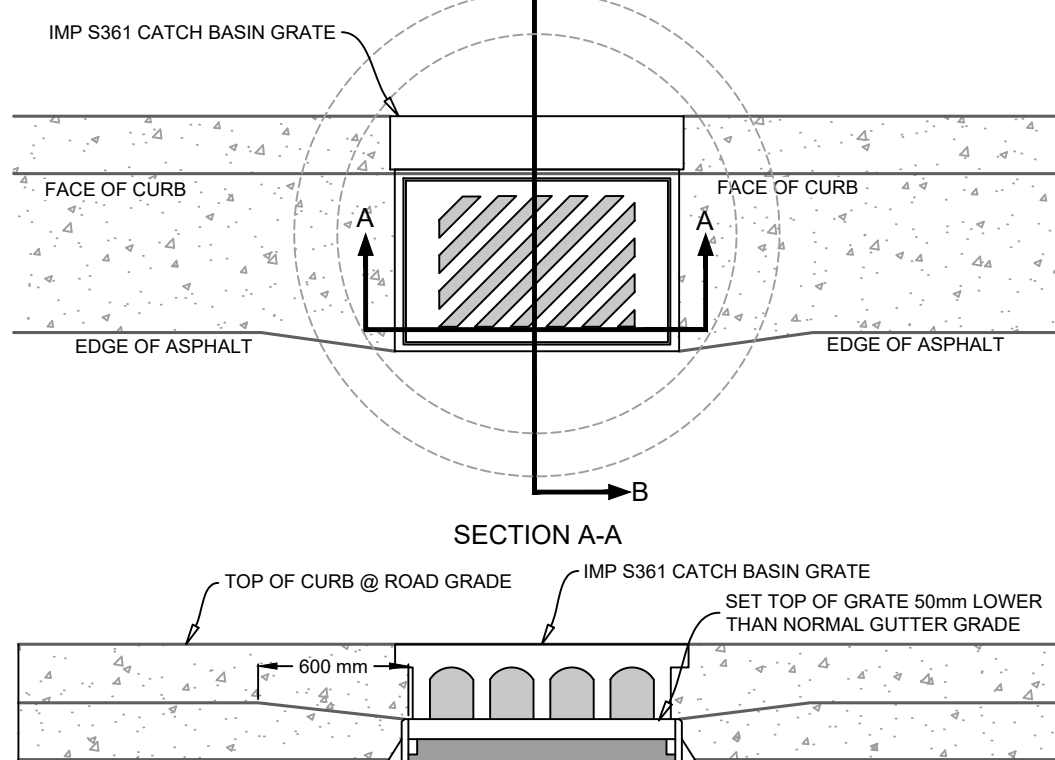
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NOTE:
SHOP DRAWINGS TO BE PROVIDED TO ENGINEER FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION.

TYP. CATCH BASIN

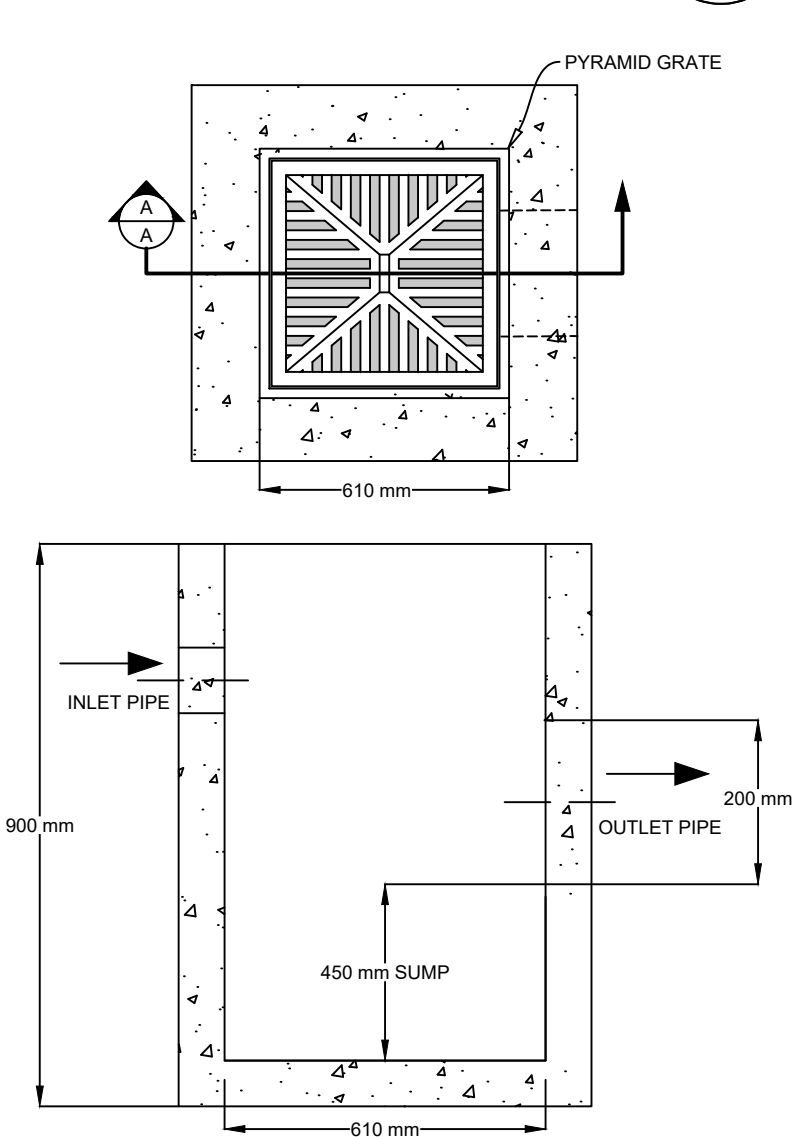
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NOTE:
SHOP DRAWINGS TO BE PROVIDED TO ENGINEER FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION.

600 mm SQUARE CATCH PIT

N.T.S.

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ISSUED WITH ADDENDUM 2

MAY 20, 2025 ISSUED WITH ADDENDUM 1

DRAFT ISSUED FOR TENDER

APR. 11, 2025 ISSUED FOR REVIEW

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PROJECT DESCRIPTION

HARVEST MOON TRAIL CONNECTION & UPGRADES

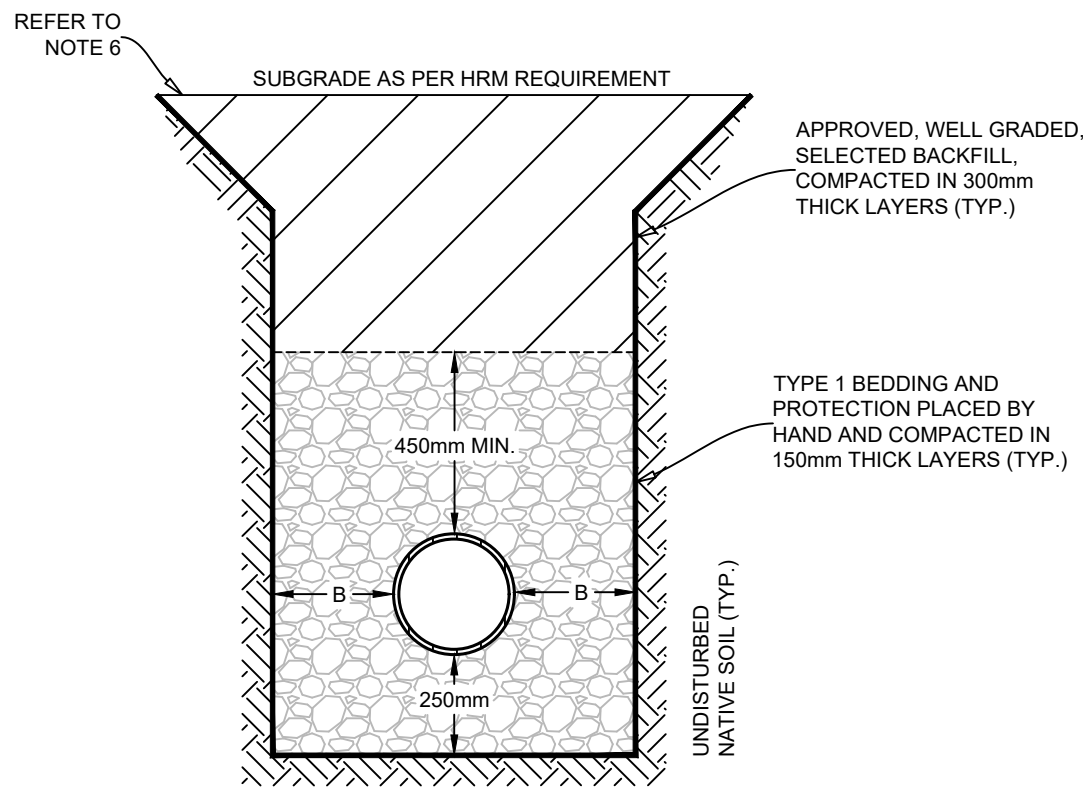
WOLFVILLE, NOVA SCOTIA

SHEET DESCRIPTION

CONSTRUCTION DETAILS 1

Drawn J. BENEDICT	Engineer G. WOODFORD	Project No. 23-410	Drawing No. D-01
Scale #####	Filename 23-410_Base.dwg		9 of 10

TRENCH AND BACKFILL CROSS SECTIONS

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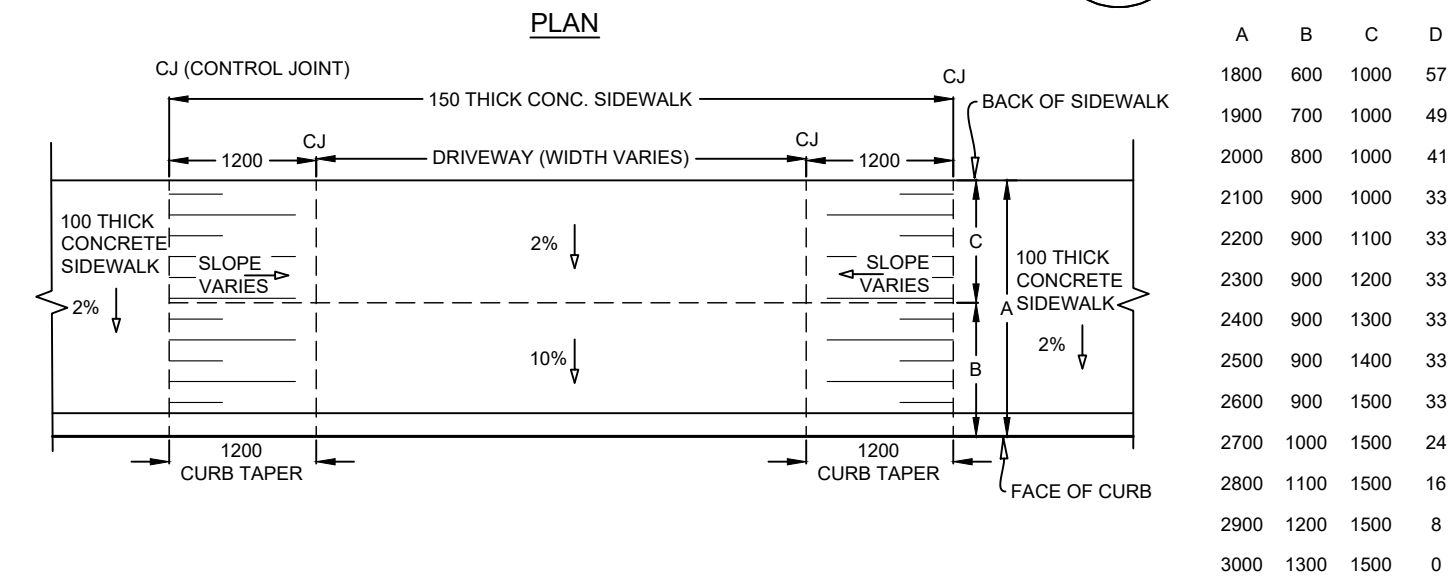
PIPE SIZE NOM. DIA.	DIMENSIONS (mm)	
	B	C
UP TO 375 mm	300	250
376 TO 500 mm	300	300
501 TO 750 mm	400	300
751 TO 1200 mm	400	400

BEDDING REQUIREMENTS SHALL BE 250 mm AS PER SECTIONS.

NOTES

- SIDES OF TRENCHES TO REQUIREMENTS OF DEPARTMENT OF LABOUR.
- THE INVERT OF THE STORMWATER SEWER MUST BE AT LEAST 100mm BELOW THE INVERT OF THE WASTEWATER SEWER.
- A GEOTECHNICAL REPORT BY A P. ENG. MUST BE UNDERTAKEN TO ENSURE STABILITY OF SUBBASE.
- MINIMUM GRAVEL COVER OVER STORMWATER SEWERS IS TO BE 300mm.
- REFER TO HRM TRENCH REINSTATEMENT DETAILS HRM 59, HRM 60, AND HRM 61.
- FOR CONCRETE PIPE INSTALLATION, PLEASE REFER TO HWSD - 1442.

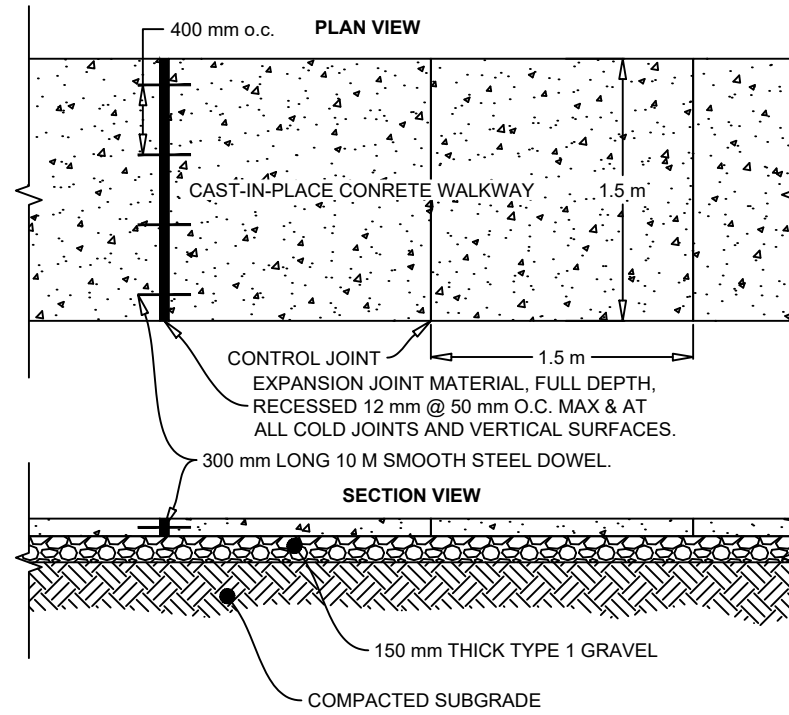
CONCRETE SIDEWALK ADJACENT CURB DETAIL

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NOTES

- WHEN ADJACENT DRIVEWAYS ARE LESS THAN 2.4 m APART, DO NOT TAPER CURB AND SIDEWALK BETWEEN DRIVEWAYS.
 - AREA BEHIND DROPPED SIDEWALK MAY REQUIRE BUILD UP WITH PAVEMENT OR CURB TO PREVENT ENTRY OF STORM WATER DURING MAJOR STORM.
1. WHEN ADJACENT DRIVEWAYS ARE LESS THAN 2.4 m APART, DO NOT TAPER CURB AND SIDEWALK BETWEEN DRIVEWAYS.
2. AREA BEHIND DROPPED SIDEWALK MAY REQUIRE BUILD UP WITH PAVEMENT OR CURB TO PREVENT ENTRY OF STORM WATER DURING MAJOR STORM.

CONCRETE WALKWAY

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N.T.S.

GENERAL CONSTRUCTION NOTES:

- SAFETY IS PARAMOUNT AND THE CONTRACTOR MUST USE SAFE WORK PRACTICES IN ACCORDANCE WITH THE NOVA SCOTIA OCCUPATIONAL HEALTH AND SAFETY ACT.
- ALL WORKS TO BE IN ACCORDANCE WITH TOWN OF WOLFVILLE STANDARDS AND REQUIREMENTS.
- ALL WORKS TO BE IN ACCORDANCE WITH THE 'STANDARD SPECIFICATION FOR MUNICIPAL SERVICES' PREPARED JOINTLY BY THE NOVA SCOTIA ROADBUILDERS ASSOCIATION AND THE CONSULTING ENGINEERS OF NOVA SCOTIA (CURRENT EDITION).
- ALL WORKS TO BE IN ACCORDANCE WITH REQUIREMENTS OF ALL PERMITS AND REGULATIONS AS ISSUED BY THE NOVA SCOTIA DEPARTMENT OF ENVIRONMENT.
- CONTRACTOR TO NOTIFY DEPARTMENT AND TOWN OF WOLFVILLE REGARDING CONSTRUCTION SCHEDULING 2 WEEKS PRIOR TO COMMENCING CONSTRUCTION.
- CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF NATURAL WATERCOURSES FROM DAMAGE DUE TO SALT LAKE RUNOFF FROM THE CONSTRUCTION SITE. ACCEPTABLE CONSTRUCTION PROCEDURES MAY BE OBTAINED FROM EROSION AND SEDIMENTATION CONTROL HANDBOOK FOR CONSTRUCTION SITE (CURRENT EDITION), BY THE NOVA SCOTIA DEPARTMENT OF ENVIRONMENT.
- ALL DISTURBED AREAS NOT STABILIZED BY GRAVEL, ASPHALT, CONCRETE, OR SOO ARE TO BE STABILIZED WITH 100mm TOPSOIL, AND HYDROSEEDED. HYDROSEEDING AREAS TO BE COVERED WITH HAY MULCH (MIN. 3500 kg/ha). HYDROSEEDING AREAS THAT DO NOT SHOW ACTIVE GROWTH WITHIN THE FIRST GROWING SEASON TO BE RE-STABILIZED.
- MATERIALS SHALL NOT BE SUBSTITUTED UNLESS PRIOR APPROVAL IS PROVIDED BY THE ENGINEER.
- SHOP DRAWINGS TO BE PROVIDED FOR REVIEW AND APPROVAL BY THE ENGINEER PRIOR TO CONSTRUCTION.
- CONTRACTOR TO OBTAIN ALL NECESSARY PERMITS REQUIRED TO PERFORM WORKS AND TO COMPLY WITH ALL PERMIT REQUIREMENTS AND CONDITIONS.
- LOCATIONS OF EXISTING INFRASTRUCTURE IS BASED ON BEST AVAILABLE INFORMATION, INCLUDING RECORD INFORMATION. CONTRACTOR TO CONFIRM LOCATIONS OF EXISTING INFRASTRUCTURE AND NOTIFY ENGINEER OF ANY DISCREPANCIES IMMEDIATELY.
- CONTRACTOR TO ALLOW A 1 WEEK REVIEW PERIOD BY THE ENGINEER.
- CONTRACTOR TO VERIFY ALL EXISTING UTILITY LOCATIONS, SUCH AS EASTWARD ENERGY, NOVA SCOTIA POWER, BELL ALANT, EASTLINK, AND THE TOWN OF WOLFVILLE. CONTRACTOR TO VISIT GLOBEANDLOCALS TO REQUEST LOCATES PRIOR TO COMPLETING ANY EXCAVATION. CONTRACTOR SHALL ADHERE TO ALL OCCUPATIONAL HEALTH AND SAFETY REGULATIONS FOR WORKING AROUND LIVE GAS MAINS.
- ALL POWER AND COMMUNICATION INFRASTRUCTURE TO BE INSTALLED AS PER NSPI AND COMMUNICATION PROVIDER (I.E. BELL) SPECIFICATIONS. CONTRACTOR TO CONFIRM AND COORDINATE WITH UTILITIES AS REQUIRED.
- PERMISSION FROM LANDOWNERS IS REQUIRED TO WORK ON PRIVATE PROPERTY.
- CONTRACTOR TO NOTIFY PROPERTY OWNERS WHO WILL EXPERIENCE DISRUPTION DURING THE WORK (PROPERTY ACCESS, MUNICIPAL SERVICE LOSS, POWER/COMMUNICATION LOSS, ETC.) AT LEAST 48 HOURS PRIOR TO THE DISRUPTION.
- ALL ELEVATIONS ARE METRIC AND GEODETIC. TOPOGRAPHICAL SURVEY COMPLETED BY DESIGNPOINT IN JULY 2023. CONTRACTOR TO CONTACT DESIGNPOINT FOR CONSTRUCTION LAYOUT CONTROL INFORMATION 2 WEEKS PRIOR TO CONSTRUCTION.
- ALL EARTHWORK (INCLUDING SUBGRADE), TRENCH WORK, PIPE BEDDING, AND SURFACE TREATMENT (INCLUDING GRAVELS, ASPHALT, AND CONCRETE) TO BE REVIEWED AND CERTIFIED BY PROJECT GEOTECHNICAL ENGINEER.
- DRAWINGS SUBJECT TO CONSTRUCTION APPROVAL BY THE APPLICABLE APPROVAL AGENCIES (E.G. TOWN OF WOLFVILLE, NOVA SCOTIA DEPARTMENT OF ENVIRONMENT) PRIOR TO CONSTRUCTION.
- CONTRACTOR RESPONSIBLE FOR ALL TRAFFIC CONTROL MEASURES REQUIRED FOR THE PROJECT. ALL TEMPORARY TRAFFIC CONTROL MEASURES TO BE IN ACCORDANCE WITH THE LATEST EDITION OF THE NOVA SCOTIA TRANSPORTATION AND INFRASTRUCTURE RENEWAL TEMPORARY WORKPLACE TRAFFIC CONTROL MANUAL AND THE LATEST EDITION OF THE TRANSPORTATION ASSOCIATION OF CANADA MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR CANADA.
- INSULATION TO BE 50mm THICK H40 RIGID STYROFOAM (ROAD AND TRAFFIC RATED).
- CONTRACTOR MAY REQUEST GRADE ADJUSTMENTS SUBJECT TO REVIEW AND APPROVAL BY ENGINEER AND APPLICABLE APPROVAL AGENCIES. CONTRACTOR RESPONSIBLE FOR COSTS ASSOCIATED WITH DRAWING REVISIONS AND APPROVALS.
- BEDDING GRAVELS MAY NOT BE SUBSTITUTED FOR CLEAR STONE WITHOUT WRITTEN APPROVAL FROM THE PROJECT GEOTECHNICAL ENGINEER. PLACE GEOTEXTILE FABRIC BETWEEN CLEAR STONE AND ABUTTING MATERIAL.
- ALL TEMPORARY ROAD CLOSURES WILL REQUIRE A ROAD CLOSURES PERMIT.
- AT THE COMPLETION OF CONSTRUCTION, THE CONTRACTOR IS TO COMPLETE AND PROVIDE A COPY OF A CCTV INSPECTION AND REPORT TO THE ENGINEER FOR REVIEW OF ALL GRAVITY SEWERS 150 mm Ø OR LARGER.
- ALL TESTING OF SEWERS TO BE IN ACCORDANCE WITH SECTION 33.31.00 OF BLUE BOOK.
- R WATER MAINS AND SERVICES PRIOR TO TESTING (PUBLIC AND PRIVATE INFRASTRUCTURE).
- ANY FIELD MANHOLE CONNECTIONS (IF REQUIRED) TO BE MADE USING CORE DRILL AND KORN-SEAL (SUBJECT TO APPROVAL BY UTILITY AND ENGINEER).
- ALL GRAVITY PIPE TO BE INSTALLED IN AN UPSTREAM DIRECTION. CONTRACTOR TO BEGIN PIPE INSTALLATION AT THE MOST DOWNSTREAM LOCATION. INSTALLING TEMPORARILY ORPHANED PIPE SECTIONS IS NOT ACCEPTABLE UNLESS APPROVED BY THE UTILITY AND THE ENGINEER.
- CONTRACTOR TO PROVIDE 24 HOURS NOTICE TO TOWN OF WOLFVILLE AND THE ENGINEER OF PIPE AND MANHOLE TESTING, INCLUDING CCTV INSPECTION AND DEFLECTION TESTING. MAINTAIN 2.0 m OF UNDISTURBED & RETAINED SOIL AROUND ALL UTILITY POLES, AND 3.0 m AROUND ANCHORS. IF THESE CONDITIONS CANNOT BE MET, THEN THE CONTRACTOR MUST HOLD THE POLES WITH A NON-DESTRUCTIVE (NO BOLTING THROUGH POLE) POLE SUPPORT MECHANISM. THIS MUST BE AN ENGINEERED SYSTEM AND A STAMPED ENGINEERING DRAWING MUST BE FORWARDED TO THE POLE OWNER FOR APPROVAL.

4		ISSUED WITH ADDENDUM 2
3	MAY 20, 2025	ISSUED WITH ADDENDUM 1
2	DRAFT	ISSUED FOR TENDER
1	APR. 11, 2025	ISSUED FOR REVIEW

ISSUE	DATE	DESCRIPTION
		CONSULTANT

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PROJECT DESCRIPTION

HARVEST MOON TRAIL
CONNECTION & UPGRADES

WOLFVILLE, NOVA SCOTIA

SHEET DESCRIPTION

CONSTRUCTION DETAILS 2

Drawn J. BENEDICT	Engineer G. WOODFORD	Project No. 23-410	Drawing No. D-02
Scale N.T.S.	Filename 23-410_Base.dwg		10 of 10