

CLIENT



CONSULTANT



NOVA CONSULTANTS INC.
37 HALLETT CRESCENT
ST. JOHN'S, NL A1B 4G4
TEL: 709 753 2260
INFO@NCINL.CA

CONSULTING
ENGINEERS

ST. JOHN'S

LABRADOR CITY

SCHOOL ROAD STORM SEWER & RESURFACING PCSP-PW-2023-02

PORTUGAL COVE - ST. PHILIP'S, NL

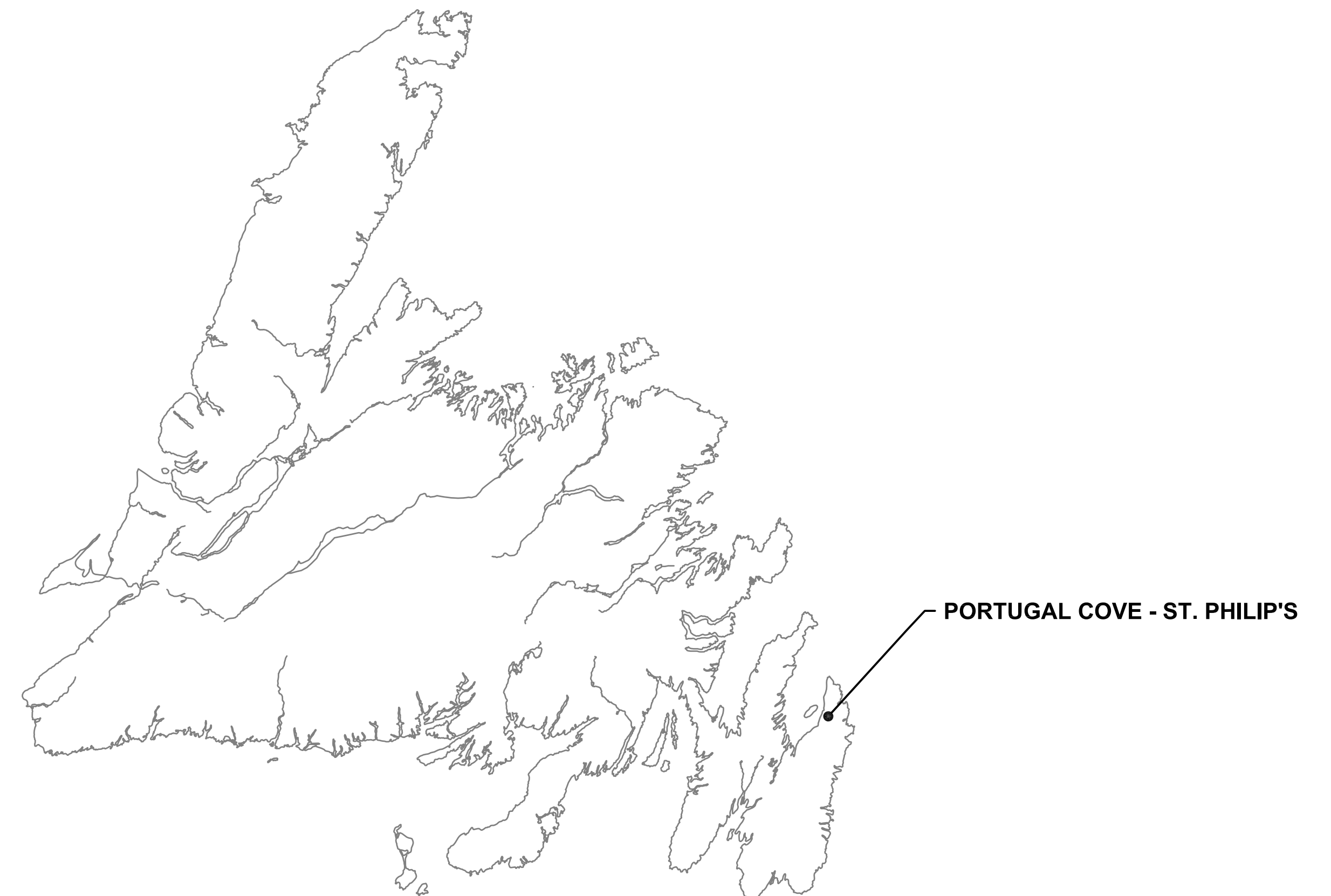
ISSUED FOR TENDER

NCI PROJECT NO. 374-07

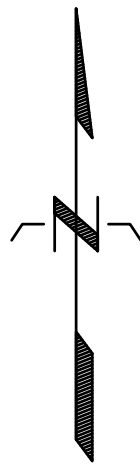
OCTOBER 2023

LIST OF DRAWINGS

<u>SHEET</u>	<u>TITLE</u>
C1	LOCATION PLAN
C2	SCHOOL ROAD EXISTING PLAN/PROFILE
C3	SCHOOL ROAD NEW PLAN/PROFILE
C4	SECTIONS AND DETAILS



LOCATION PLAN



- NOTES:
1. CONTRACTOR TO VERIFY ALL DIMENSIONS AND ELEVATIONS PRIOR TO PROCEEDING WITH THE WORK.
 2. ALL WORK TO BE CARRIED OUT IN ACCORDANCE WITH THE MUNICIPAL WATER, SEWER AND ROADS MASTER CONSTRUCTION SPECIFICATIONS AS PUBLISHED BY THE PROVINCE OF NEWFOUNDLAND AND LABRADOR.
 3. ALL COORDINATES REFER TO THE NAD83 3" MTM ZONE 1 DATUM.

B	ISSUED FOR TENDER	06/10/23
A	ISSUED FOR REVIEW AND APPROVAL	04/10/23
No.	ISSUES/REVISIONS	DD/MM/YY

CONSULTANT



NOVA CONSULTANTS INC.
37 HALLETT CRESCENT
ST. JOHN'S, NL A1B 4C4
TEL: 709 753 2260
INFO@NCINL.CA

CONSULTING ENGINEERS ST. JOHN'S LABRADOR CITY

CLIENT



**Portugal Cove
St. Philip's**

PROVINCE OF NEWFOUNDLAND
PERMIT HOLDER
CLASS "A"
This Permit Allows

NOVA CONSULTANTS INC.

To practice Professional Engineering
in Newfoundland and Labrador.
Permit No. as issued by PEGNL D0014
which is valid for the year 2023



A	A	DETAIL NO.	A
B	B	LOCATION DRAWING NO.	B
C	C	DRAWING NO. WHERE DETAILED	

DRAWN	RH	CHECKED	SAB
DESIGNED	RH/SAB	APPROVED	

PROJECT TITLE

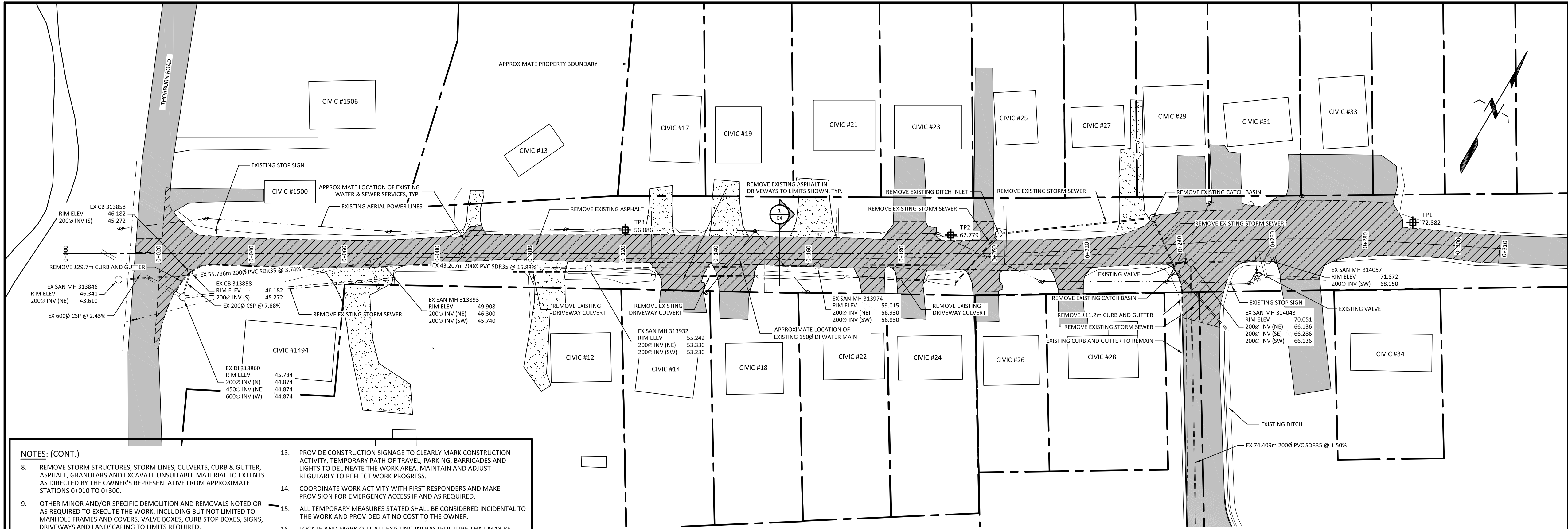
**SCHOOL ROAD
STORM WATER & RESURFACING
PCSP-PW-2023-02**

PORTUGAL COVE - ST. PHILIP'S, NL

DRAWING TITLE

LOCATION PLAN

SCALE	N.T.S.	DRAWING NO.	C1
PROJECT NO.	374-07	REVISION NO.	B
DATE	SEPTEMBER 2023		



NOTES: (CONT.)

- REMOVE STORM STRUCTURES, STORM LINES, CULVERTS, CURB & GUTTER, ASPHALT, GRANULARS AND EXCAVATE UNSUITABLE MATERIAL TO EXTENTS AS DIRECTED BY THE OWNER'S REPRESENTATIVE FROM APPROXIMATE STATIONS 0+010 TO 0+300.
- OTHER MINOR AND/OR SPECIFIC DEMOLITION AND REMOVALS NOTED OR AS REQUIRED TO EXECUTE THE WORK, INCLUDING BUT NOT LIMITED TO MANHOLE FRAMES AND COVERS, VALVE BOXES, CURB STOP BOXES, SIGNS, DRIVEWAYS AND LANDSCAPING TO LIMITS REQUIRED.
- CONTRACTOR SHALL CAREFULLY EXECUTE THE WORK AND UNDERTAKE ALL NECESSARY PRECAUTIONS TO PREVENT DAMAGE TO EXISTING INFRASTRUCTURE AND PRIVATE PROPERTY TO REMAIN.
- STAGE WORK TO MINIMIZE DISRUPTION TO PROPERTIES AFFECTED. PROVIDE TEMPORARY PARKING AS REQUIRED FOR RESIDENTS UNABLE TO ACCESS PARKING AREAS.
- MAINTAIN SAFE PEDESTRIAN ACCESS TO ALL PROPERTIES. COORDINATE INTERRUPTIONS WITH RESIDENTS AFFECTED BY THE WORK AND PROVIDE SAFE ALTERNATE PATH OF TRAVEL AS APPROVED BY THE OWNER'S REPRESENTATIVE.
- PROVIDE CONSTRUCTION SIGNAGE TO CLEARLY MARK CONSTRUCTION ACTIVITY, TEMPORARY PATH OF TRAVEL, PARKING, BARRICADES AND LIGHTS TO DELINEATE THE WORK AREA. MAINTAIN AND ADJUST REGULARLY TO REFLECT WORK PROGRESS.
- COORDINATE WORK ACTIVITY WITH FIRST RESPONDERS AND MAKE PROVISION FOR EMERGENCY ACCESS IF AND AS REQUIRED.
- ALL TEMPORARY MEASURES STATED SHALL BE CONSIDERED INCIDENTAL TO THE WORK AND PROVIDED AT NO COST TO THE OWNER.
- LOCATE AND MARK OUT ALL EXISTING INFRASTRUCTURE THAT MAY BE IMPACTED BY THE CONSTRUCTION ACTIVITY PRIOR TO COMMENCING WORK IN PROXIMITY TO THE EXISTING. COORDINATE LOCATION OF EXISTING WATER AND SEWER SERVICES TO PROPERTIES WITH TOWN REPRESENTATIVES AND MAKE GOOD ANY DAMAGES.
- CROSS SECTION OF NEW ROAD MAY NOT MATCH EXISTING. CONTRACTOR TO ADJUST GRADES OF CONCRETE AND ASPHALT AT TIE IN POINTS AS REQUIRED TO ENSURE POSITIVE DRAINAGE.

NOTES:

- CONTRACTOR TO VERIFY ALL DIMENSIONS AND ELEVATIONS PRIOR TO PROCEEDING WITH THE WORK.
- ALL WORK TO BE CARRIED OUT IN ACCORDANCE WITH THE MUNICIPAL WATER, SEWER AND ROADS MASTER CONSTRUCTION SPECIFICATIONS AS PUBLISHED BY THE PROVINCE OF NEWFOUNDLAND AND LABRADOR.
- ALL COORDINATES REFER TO THE NAD83 3' MTM ZONE 1 DATUM.
- CONTRACTOR TO ENSURE LOWBACKS OF CURB AND DRIVEWAY RAMPS ARE ALIGNED WITH EDGES OF EXISTING DRIVEWAYS AT ALL LOCATIONS.
- NEW AND EXISTING CATCH BASIN AND MANHOLE FRAMES AND COVERS TO BE SET 20mm BELOW FINISHED ASPHALT GRADE. REFER TO STRUCTURE TABLE FOR DETAILS. COORDINATES GIVEN FOR STRUCTURES ARE CENTER OF BASE ALIGNED AT THE FACE OF CURB. CONTRACTOR IS RESPONSIBLE TO ADJUST AS REQUIRED IN THE FIELD SUCH THAT SLAB TOP OPENING/FRAME AND COVER ALIGNS AS DETAILED WITH NEW CURB.
- ADJUST ALL VALVE AND CURB STOP BOXES AFFECTED BY THE WORK TO NEW FINISHED GRADE.
- DISPOSE OF ALL MATERIAL AT AN APPROVED DISPOSAL SITE.

LEGEND:

- ASPHALT REMOVAL
- ASPHALT SURFACE
- GRANULAR SURFACE
- APPROXIMATE PROPERTY BOUNDARY
- FENCE
- TRAFFIC SIGN
- POWER POLE
- CATCH BASIN
- MANHOLE
- STORM SEWER
- WATER MAIN
- SANITARY SEWER
- VALVE
- HYDRANT

B	ISSUED FOR TENDER	06/10/23
A	ISSUED FOR REVIEW AND APPROVAL	04/10/23
No.	ISSUES/REVISIONS	DD/MM/YY

CONSULTANT

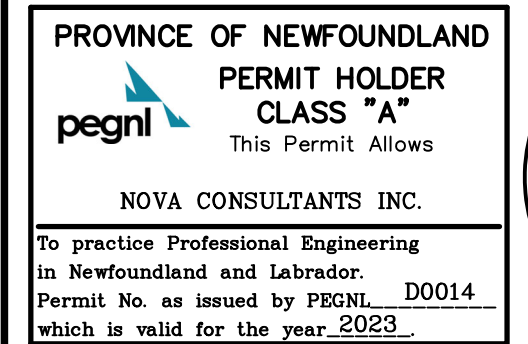


NOVA CONSULTANTS INC.
37 HALLETT CRESCENT
ST. JOHN'S, NL A1B 4C4
TEL: 709 753 2260
INFO@NCINL.CA

CONSULTING ENGINEERS ST. JOHN'S LABRADOR CITY

CLIENT

**Portugal Cove
St. Philip's**



A	A DETAIL NO.	A
B	B LOCATION DRAWING NO.	B
C	C DRAWING NO. WHERE DETAILED	

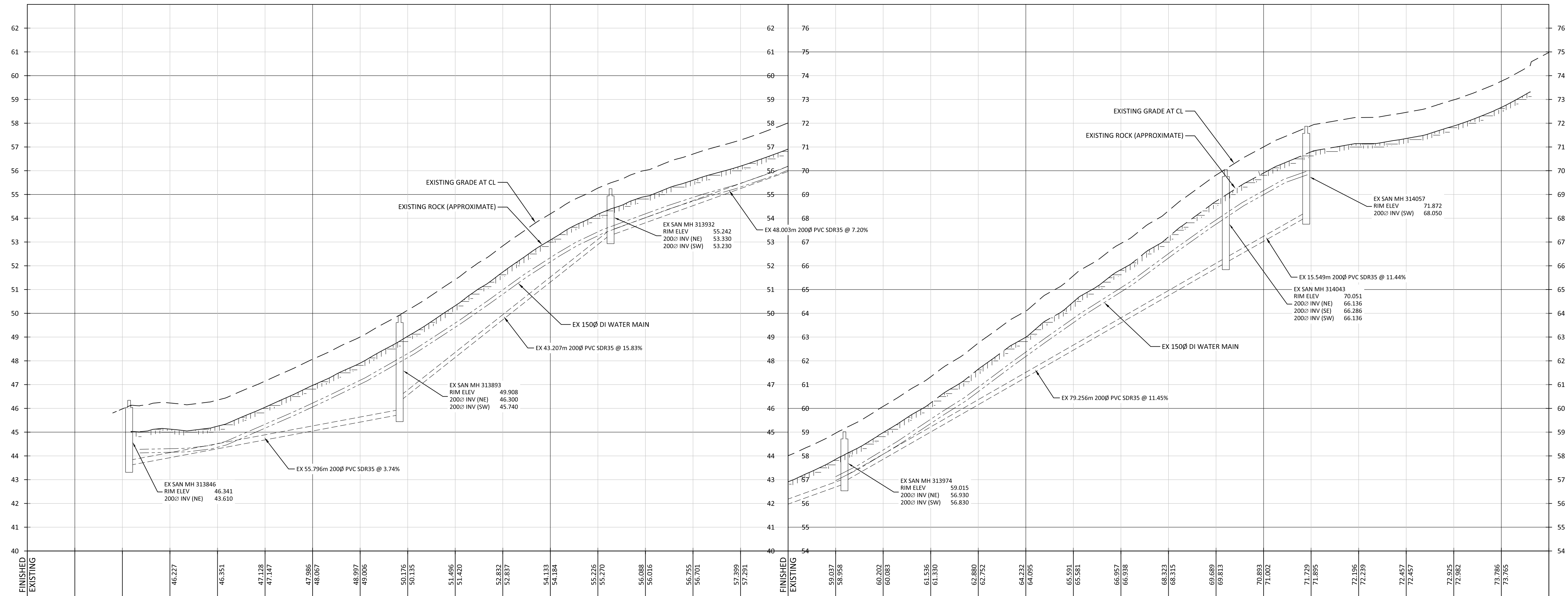
DRAWN	RH	CHECKED	SAB
DESIGNED	RH/SAB	APPROVED	

PROJECT TITLE
**SCHOOL ROAD
STORM WATER & RESURFACING
PCSP-PW-2023-02**

PORTUGAL COVE - ST. PHILIP'S, NL

DRAWING TITLE
**SCHOOL ROAD
EXISTING PLAN/PROFILE**

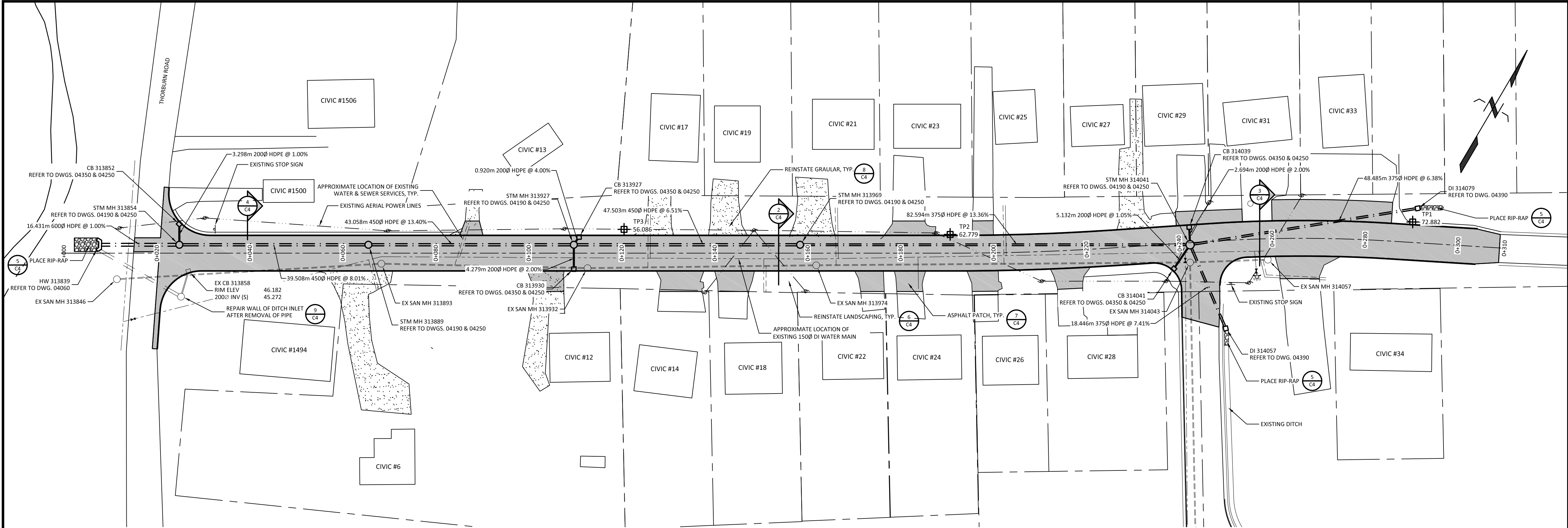
SCALE H 1:500 V 1:100	DRAWING NO. C2
PROJECT NO. 374-07	REVISION NO. B
DATE SEPTEMBER 2023	



NOT FOR CONSTRUCTION

COPYRIGHT 2023 NOVA CONSULTANTS INC.

SHEET SIZE A1 (24" x 34", 594mm x 841mm)



- NOTES:
1. CONTRACTOR TO VERIFY ALL DIMENSIONS AND ELEVATIONS PRIOR TO PROCEEDING WITH THE WORK.
 2. ALL WORK TO BE CARRIED OUT IN ACCORDANCE WITH THE MUNICIPAL WATER, SEWER AND ROADS MASTER CONSTRUCTION SPECIFICATIONS AS PUBLISHED BY THE PROVINCE OF NEWFOUNDLAND AND LABRADOR.
 3. ALL COORDINATES REFER TO THE NAD83 3' MTM ZONE 1 DATUM.
 4. CONTRACTOR TO ENSURE LOWBACKS OF CURB AND DRIVEWAY RAMPS ARE ALIGNED WITH EDGES OF EXISTING DRIVEWAYS AT ALL LOCATIONS.
 5. NEW AND EXISTING CATCH BASIN AND MANHOLE FRAMES AND COVERS TO BE SET 20mm BELOW FINISHED ASPHALT GRADE. REFER TO STRUCTURE TABLE FOR DETAILS. COORDINATES GIVEN FOR STRUCTURES ARE CENTER OF BASE ALIGNED AT THE FACE OF CURB. CONTRACTOR IS RESPONSIBLE TO ADJUST AS REQUIRED IN THE FIELD SUCH THAT SLAB TOP OPENING/FRAME AND COVER ALIGNS AS DETAILED WITH NEW CURB.
 6. ADJUST ALL VALVE AND CURB STOP BOXES AFFECTED BY THE WORK TO NEW FINISHED GRADE.
 7. DISPOSE OF ALL MATERIAL AT AN APPROVED DISPOSAL SITE.

LEGEND:

	ASPHALT REMOVAL
	ASPHALT SURFACE
	GRANULAR SURFACE
	APPROXIMATE PROPERTY BOUNDARY
	FENCE
	TRAFFIC SIGN
	POWER POLE
	CATCH BASIN
	MANHOLE
	STORM SEWER
	WATER MAIN
	SANITARY SEWER
	VALVE
	HYDRANT

B	ISSUED FOR TENDER	06/10/23
A	ISSUED FOR REVIEW AND APPROVAL	04/10/23
No.	ISSUES/REVISIONS	DD/MM/YY

CONSULTANT

NOVA CONSULTANTS INC.
37 HALLETT CRESCENT
ST. JOHN'S, NL A1B 4C4
TEL: 709 753 2260
INFO@NCINL.CA

CONSULTING ENGINEERS ST. JOHN'S LABRADOR CITY

CLIENT

Portugal Cove St. Philip's

PROVINCE OF NEWFOUNDLAND

PERMIT HOLDER CLASS "A" This Permit Allows

NOVA CONSULTANTS INC.

To practice Professional Engineering in Newfoundland and Labrador.

Permit No. as issued by PEBCNL D0014 which is valid for the year 2023.

REGISTERED PROFESSIONAL ENGINEER
pagnl
Oct. 6, 2023
DATE

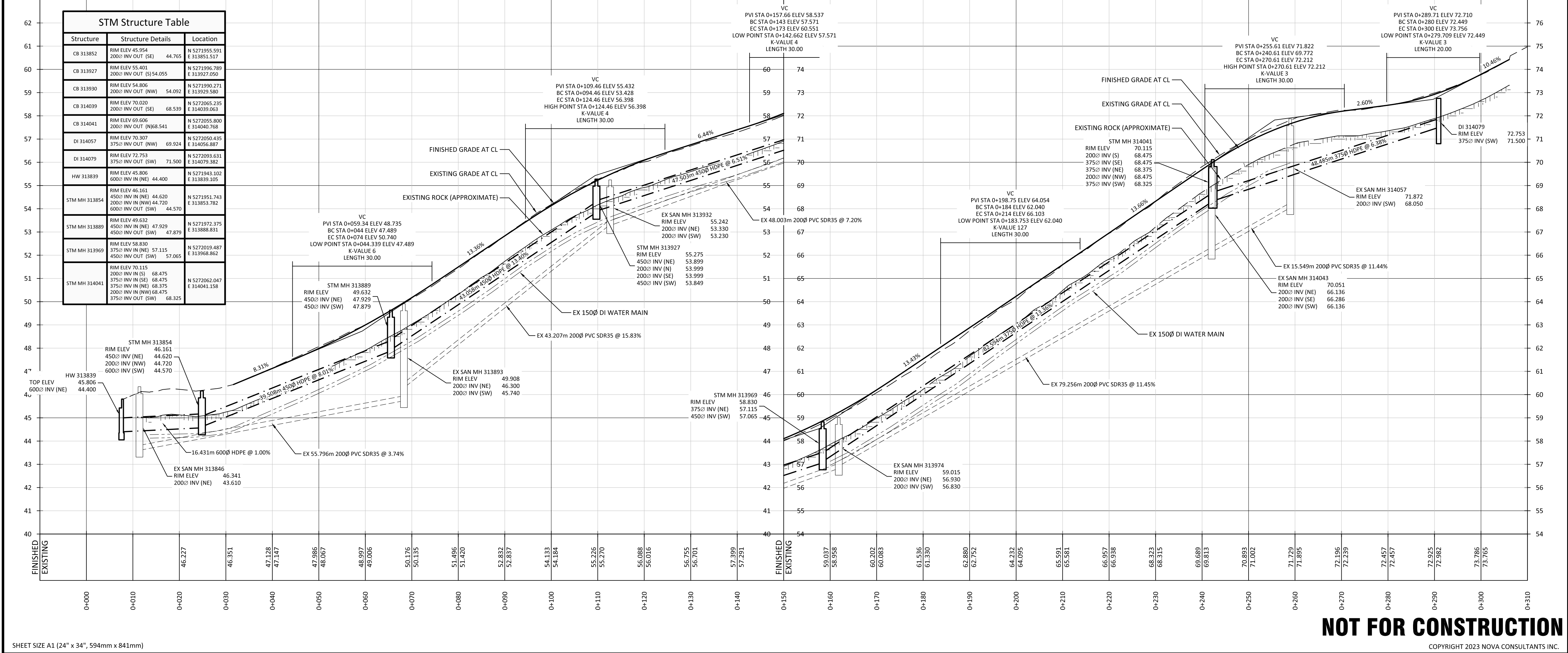
A B C	A DETAIL NO. B LOCATION DRAWING NO. C DRAWING NO. WHERE DETAILED	A B
DRAWN RH	CHECKED SAB	
DESIGNED RH/SAB	APPROVED	

PROJECT TITLE

SCHOOL ROAD
STORM WATER & RESURFACING
PCSP-PW-2023-02

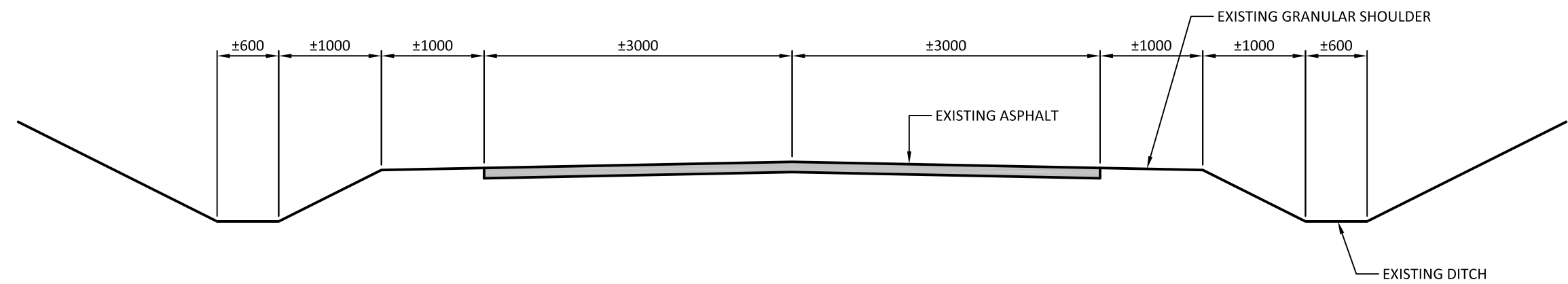
PORTUGAL COVE - ST. PHILIP'S, NL

DRAWING TITLE	SCHOOL ROAD NEW PLAN/PROFILE
SCALE H 1:500 V 1:100	DRAWING NO. C3
PROJECT NO. 374-07	REVISION NO. B
DATE SEPTEMBER 2023	



NOT FOR CONSTRUCTION

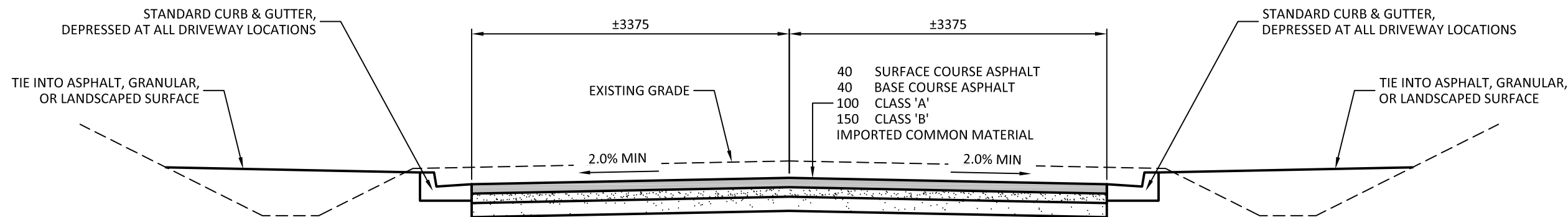
COPYRIGHT 2023 NOVA CONSULTANTS INC.



TYPICAL EXISTING ROAD SECTION

1:50

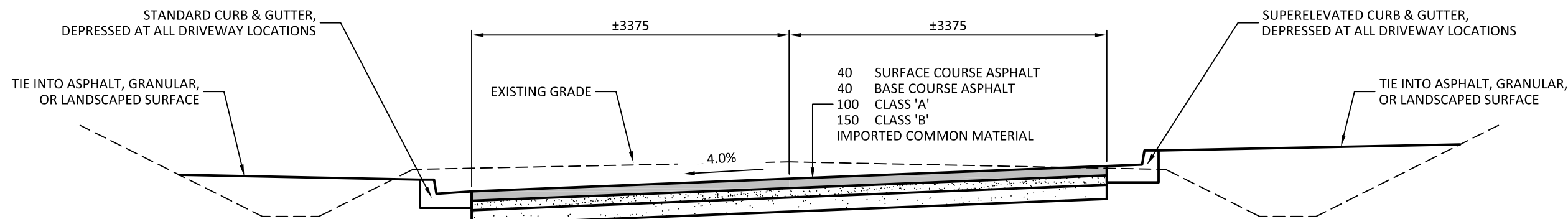
1
C4



TYPICAL PROPOSED STANDARD ROAD SECTION

1:50

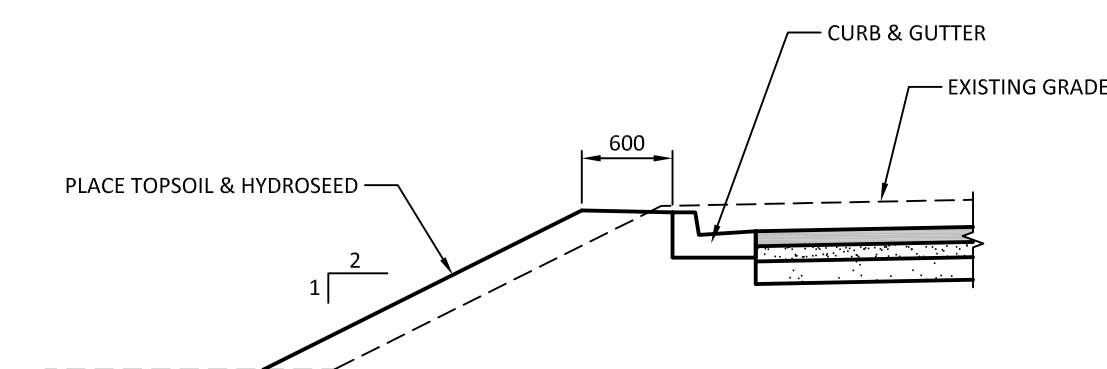
2
C4



TYPICAL PROPOSED SUPERELEVATED ROAD SECTION

1:50

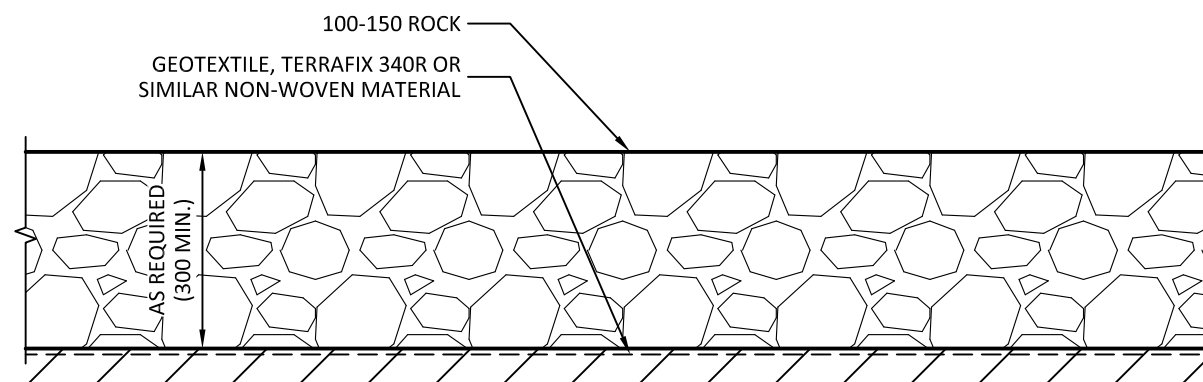
3
C4



SECTION

1:50

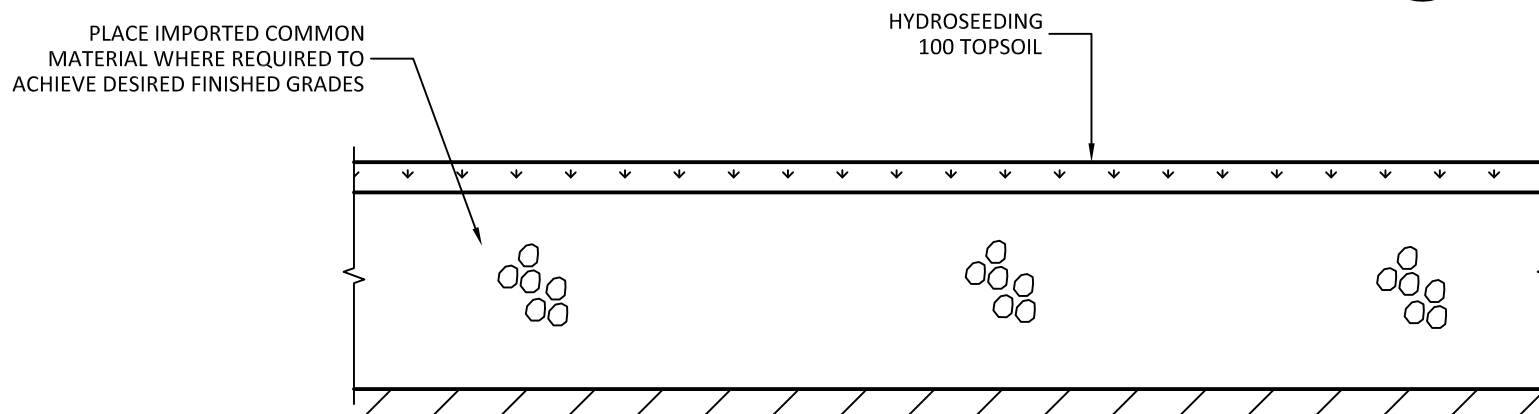
4
C4



ROCK LINING DETAIL

N.T.S.

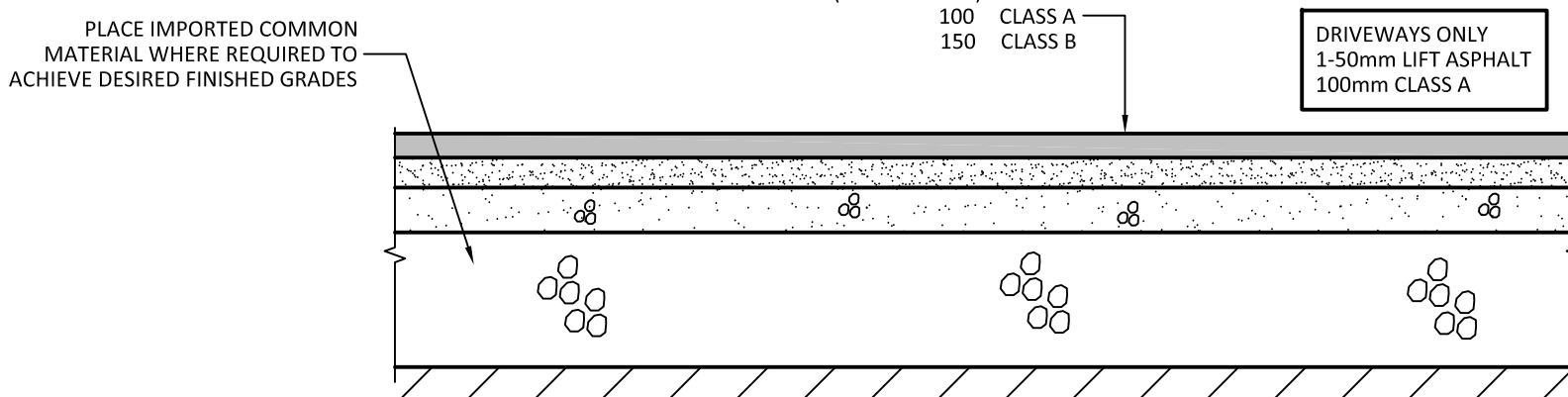
5
C4



LANDSCAPING DETAIL

N.T.S.

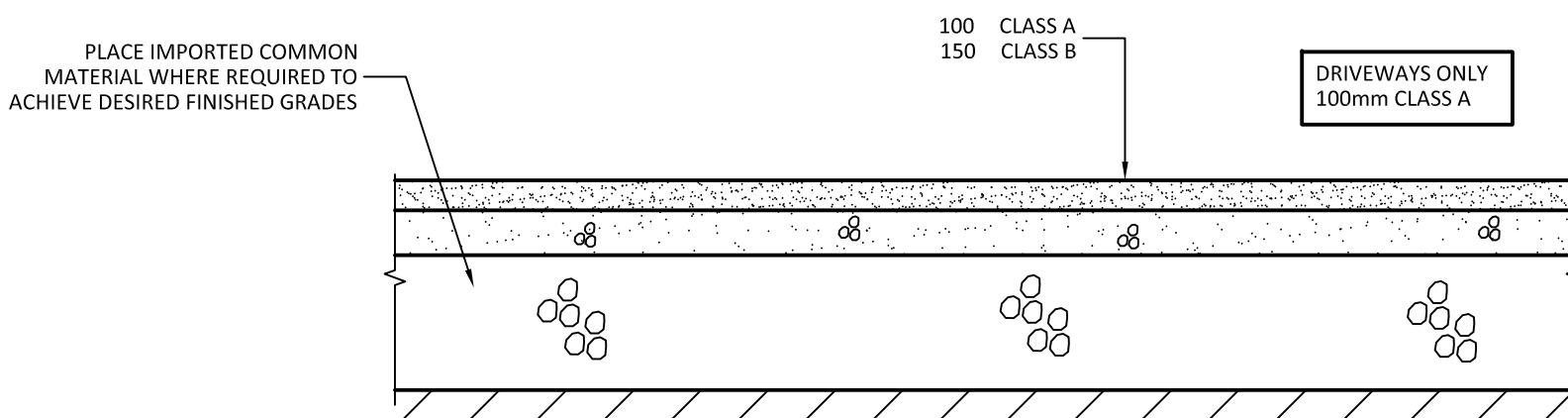
6
C4



ASPHALT DETAIL U/N

1:25

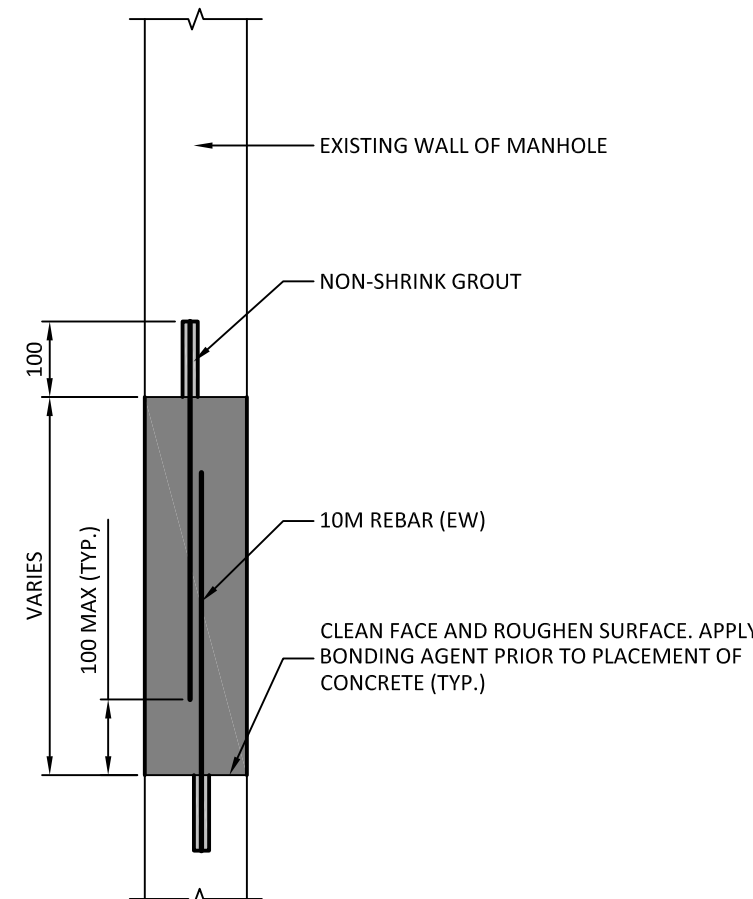
7
C4



GRANULAR DETAIL U/N

1:25

8
C4



STRUCTURE REPAIR DETAIL

1:10

9
C4

NOTES:

- CONTRACTOR TO VERIFY ALL DIMENSIONS AND ELEVATIONS PRIOR TO PROCEEDING WITH THE WORK.
- ALL WORK TO BE CARRIED OUT IN ACCORDANCE WITH THE MUNICIPAL WATER, SEWER AND ROADS MASTER CONSTRUCTION SPECIFICATIONS AS PUBLISHED BY THE PROVINCE OF NEWFOUNDLAND AND LABRADOR.
- ALL COORDINATES REFER TO THE NAD83 3' MTM ZONE 1 DATUM.

B	ISSUED FOR TENDER	06/10/23
A	ISSUED FOR REVIEW AND APPROVAL	04/10/23
No.	ISSUES/REVISIONS	DD/MM/YY

CONSULTANT



NOVA CONSULTANTS INC.
37 HALLETT CRESCENT
ST. JOHN'S, NL A1B 4C4
TEL: 709 753 2260
INFO@NCINL.CA

CONSULTING
ENGINEERS

ST. JOHN'S

LABRADOR CITY

CLIENT



PROVINCE OF NEWFOUNDLAND PERMIT HOLDER CLASS "A" This Permit Allows NOVA CONSULTANTS INC. To practice Professional Engineering in Newfoundland and Labrador. Permit No. as issued by PEGNL D0014 which is valid for the year 2023	REGISTERED PROFESSIONAL ENGINEER pegnl SIGNATURE Oct. 6, 2023 DATE PROVINCE OF NEWFOUNDLAND
---	--

A B C	A DETAIL NO. B LOCATION DRAWING NO. C DRAWING NO. WHERE DETAILED	A B
-------------	--	--------

DRAWN RH	CHECKED SAB
DESIGNED RH/SAB	APPROVED -

PROJECT TITLE SCHOOL ROAD STORM WATER & RESURFACING PCSP-PW-2023-02 PORTUGAL COVE - ST. PHILIP'S, NL
--

DRAWING TITLE	
SECTIONS AND DETAILS	
SCALE	DRAWING NO. C4
AS SHOWN	
PROJECT NO.	REVISION NO. B
374-07	
DATE	
SEPTEMBER 2023	