

- NOTES:
- BATHYMETRIC SURVEY COMPLETED ON AUGUST 24, 2021. SOUNDINGS ARE GEODETIC AND REFERENCED TO NSHPN 205601. SOUNDINGS GENERATED FROM MULTIBEAM OBSERVATIONS. DEPTH CONTOURS SHOWN IN METRES (CGVD2013).
 - TOPOGRAPHIC LAND SURVEY: BEARINGS ARE GRID DERIVED FROM GNSS OBSERVATION TO NSHPN 205601, REFERENCED TO THE NOVA SCOTIA 3° MODIFIED TRANSVERSE MERCATOR PROJECTION, ZONE 6, CENTRAL MERIDIAN 64°30' W, BASED ON THE HORIZONTAL REFERENCE FRAME NAD83 (CSRS), EPOCH 2010.0. ELEVATIONS ARE REFERENCED TO NSHPN 205601, HAVING AN ELEVATION OF 22.048 METRES (CGVD2013).
 - LOCATION OF EXISTING UNDERGROUND INFRASTRUCTURE IS BASED ON BEST AVAILABLE INFORMATION, INCLUDING RECORD INFORMATION FROM HALIFAX REGIONAL WATER COMMISSION, AND IS APPROXIMATE ONLY.
 - PROPERTY LINES FOR PARCELS OTHER THAN PID: 00114132 ARE BASED ON PROVINCIAL MAPPING INFORMATION AND ARE SUBJECT TO LEGAL SURVEY.
 - PROPERTY BOUNDARY FOR PID: 00114132 BASED ON SURVEY PLAN PREPARED BY DESIGNPOINT ENGINEERING & SURVEYING LTD., DATED DECEMBER 14, 2021.

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CONSTRUCTION



ISSUE	DATE	DESCRIPTION
7	NOV. 08, 2023	ADDED QUARRY ROCK & ENVIRONMENTAL OFFSETTING PLAN
6	JUN. 12, 2023	REVISED AS PER CLIENT COMMENTS
5	MAY 30, 2023	REISSUED FOR DFO PERMIT
4	OCT. 17, 2022	ISSUED TO CN FOR REVIEW
3	JUN. 22, 2022	REVISED AS PER DFO COMMENTS
2	MAR. 23, 2022	ISSUED FOR PERMITTING
1	NOV. 25, 2021	ISSUED FOR REVIEW

CONSULTANT

DESIGNPOINT
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902.832.5597 designpoint.ca



CLIENT

4197847 NOVA SCOTIA LIMITED

PROJECT DESCRIPTION

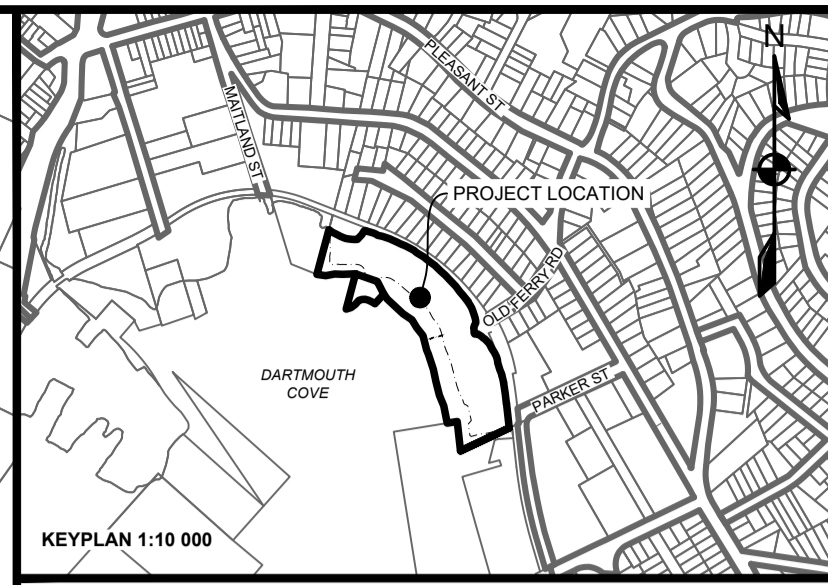
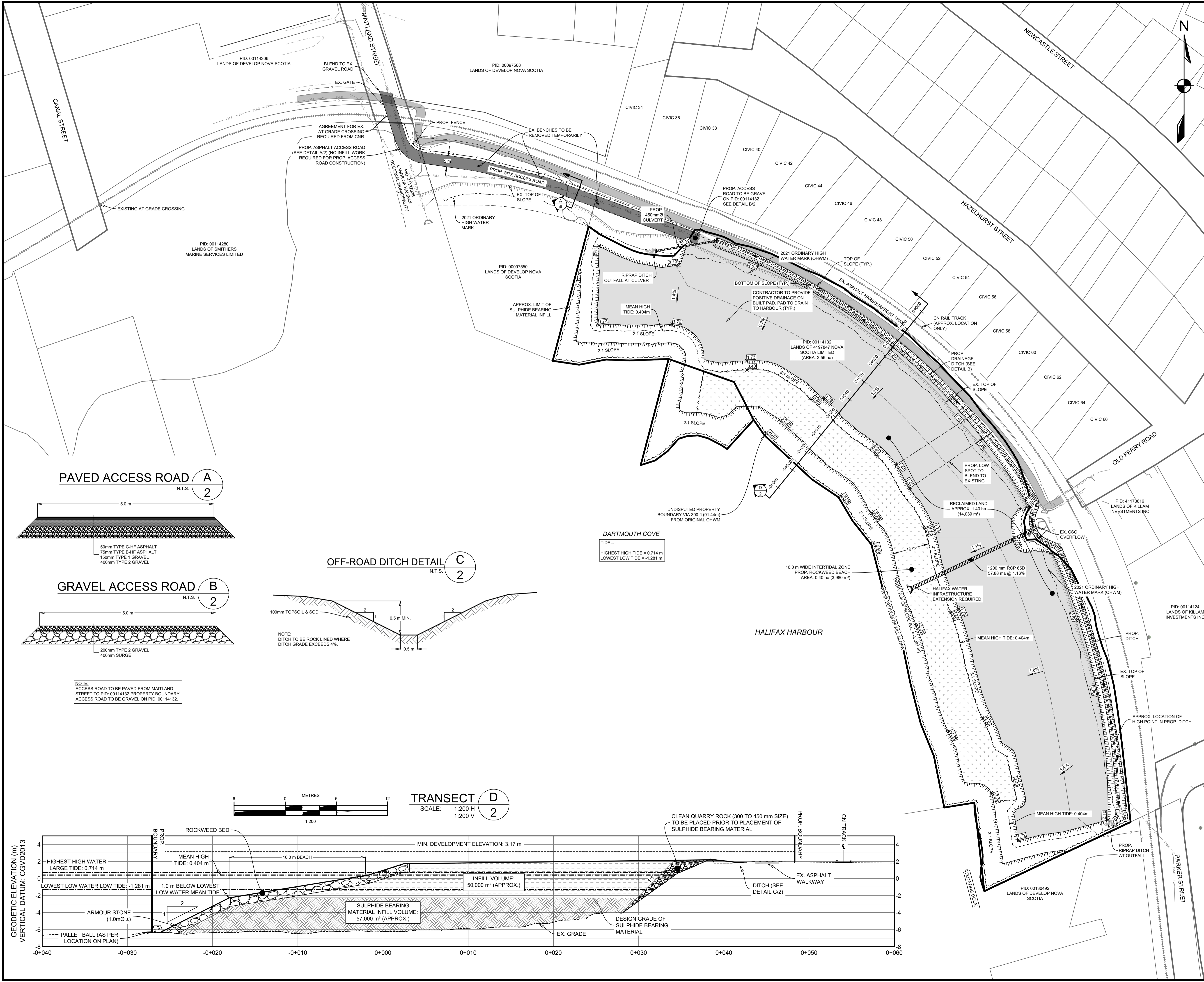
DARTMOUTH COVE WATERFRONT ACCESS

DARTMOUTH, NOVA SCOTIA

SHEET DESCRIPTION

EXISTING SITE CONDITIONS

Drawn K. HINES	Engineer G. WOODFORD	Project No. 21-275	Drawing No. C-01
Scale 1:750	Filename 21-275_C.dwg	1 of 4	

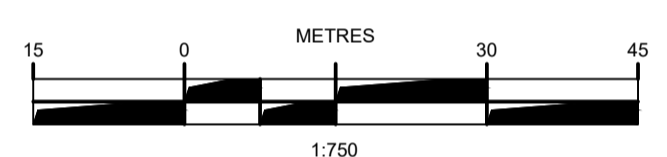


LEGEND

EXISTING	MAJOR CONTOUR	PROPOSED
-10	MAJOR CONTOUR	-10
-10	MINOR CONTOUR	-10
-10	MAJOR CONTOUR (SEA FLOOR)	-10
-10	MINOR CONTOUR (SEA FLOOR)	-10
-	EASEMENT	-
-	RIGHT OF WAY	-
-	LOT LINE	-
-	COMBINED PIPE	-
-	COMBINED FORCEMAIN	-
-	TOP OF SLOPE	-
-	BOTTOM OF SLOPE	-
-	FENCELINE	-

NOTE:
PROPOSED WORK IS SUBJECT TO APPROVAL FROM ALL REGULATORY BODIES. THIS INCLUDES BUT IS NOT LIMITED TO HALIFAX REGIONAL WATER COMMISSION, NOVA SCOTIA ENVIRONMENT, DEPARTMENT OF FISHERIES AND OCEANS, TRANSPORT CANADA, ETC. CONTRACTOR TO ENSURE ALL REQUIRED PERMITS FROM REGULATORY BODIES ARE ACQUIRED PRIOR TO CONSTRUCTION.

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ISSUE	DATE	DESCRIPTION	CONSULTANT
8	DEC. 13, 2023	REVISED BEACH EXTENTS	
7	NOV. 08, 2023	ADDED QUARRY ROCK & ENVIRONMENTAL OFFSETTING PLAN	
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PROJECT DESCRIPTION

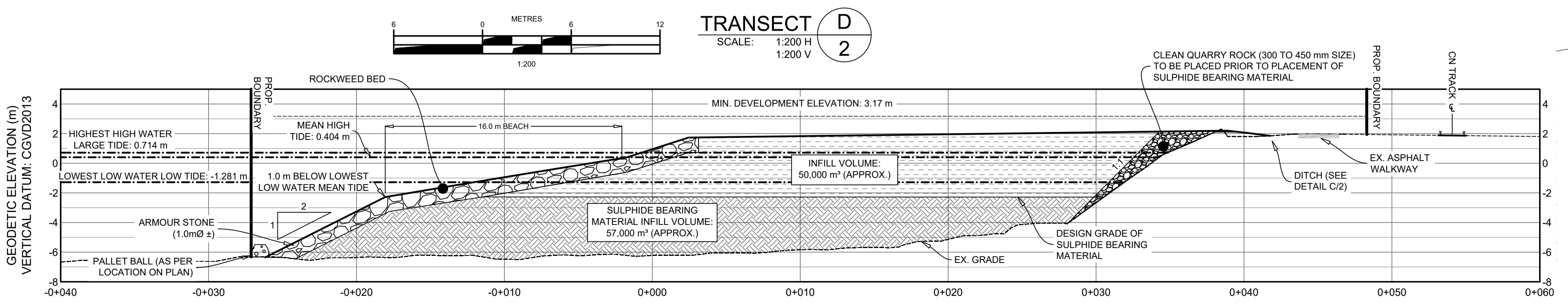
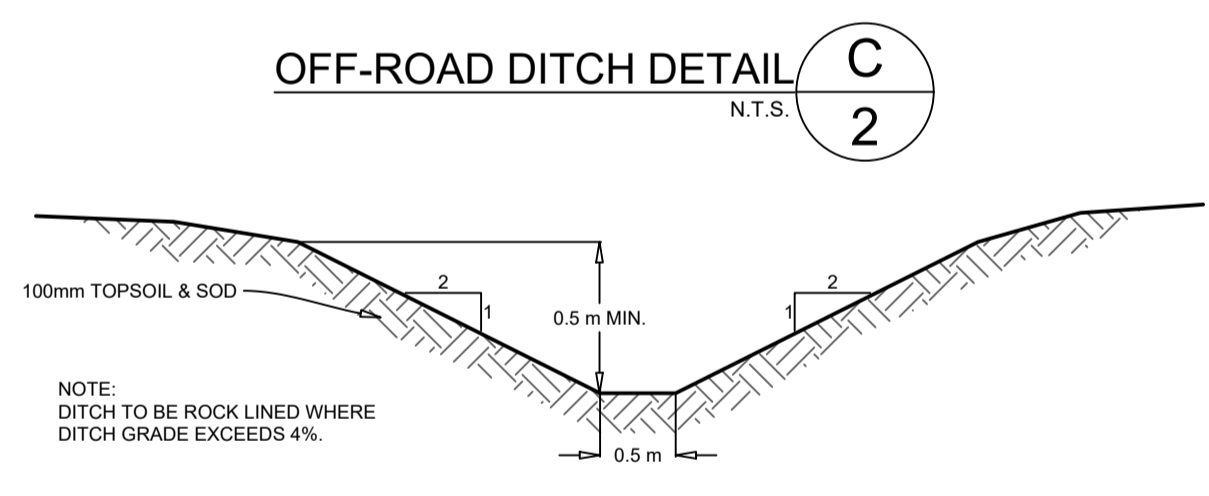
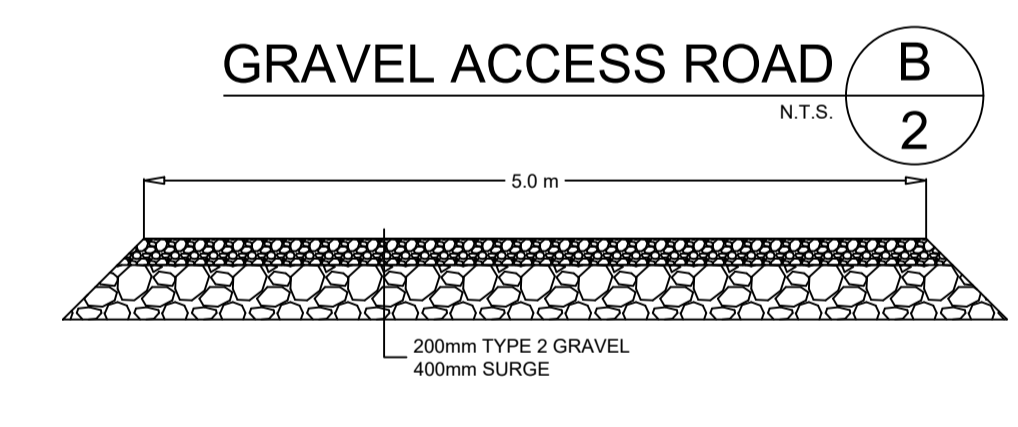
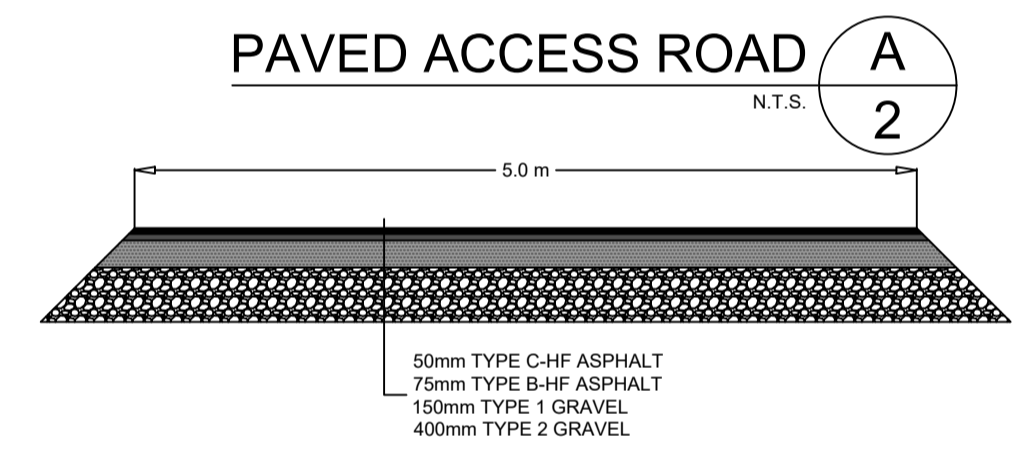
DARTMOUTH COVE WATERFRONT ACCESS

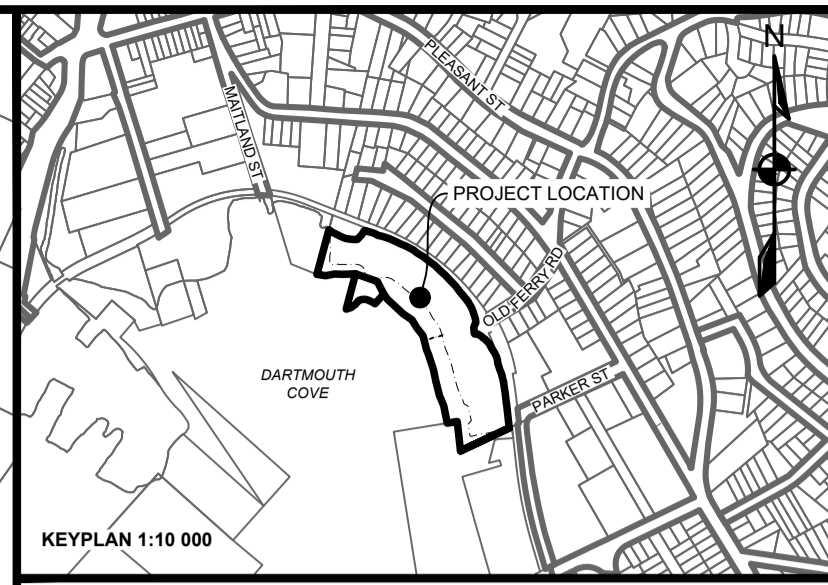
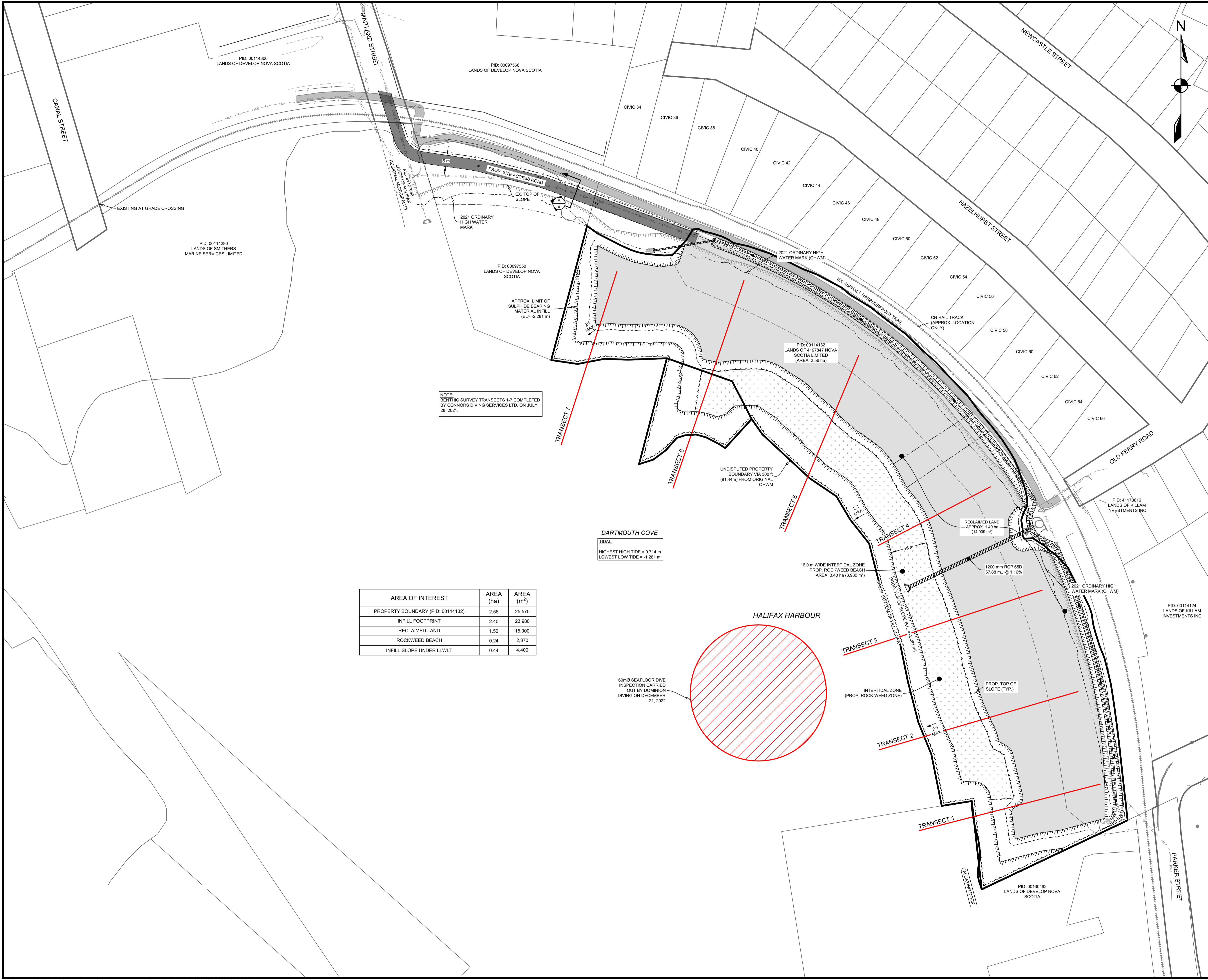
DARTMOUTH, NOVA SCOTIA

SHEET DESCRIPTION

SITE PLAN

Drawn K.HINES	Engineer G.WOODFORD	Project No. 21-275	Drawing No. C-02
Scale 1:750	Filename 21-275_C.dwg		2 of 4



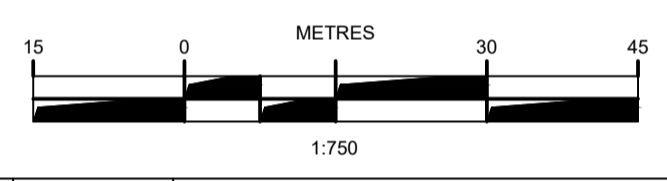


LEGEND

EXISTING	PROPOSED
— 10 —	MAJOR CONTOUR — 10 —
— 10 —	MINOR CONTOUR — 10 —
— 10 —	MAJOR CONTOUR (SEA FLOOR)
— 10 —	MINOR CONTOUR (SEA FLOOR)
---	EASEMENT
---	RIGHT OF WAY
---	LOT LINE
— CMB —	COMBINED PIPE
— FM —	COMBINED FORCEMAIN
---	TOP OF SLOPE
---	BOTTOM OF SLOPE
---	FENCELINE
---	PRECAST HEADWALL
---	CULVERT

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REGISTERED PROFESSIONAL ENGINEER
 DATE NOV. 08, 2023
 G.S. WOODFORD
 6078
 PROVINCE OF NOVA SCOTIA

CLIENT
4197847 NOVA SCOTIA LIMITED

PROJECT DESCRIPTION
DARTMOUTH COVE WATERFRONT ACCESS
 DRATMOUTH, NOVA SCOTIA

SHEET DESCRIPTION
DIVE INSPECTION

Drawn K.HINES	Engineer G.WOODFORD	Project No. 21-275	Drawing No. C-03
Scale 1:750	Filename 21-275_C.dwg		3 of 4

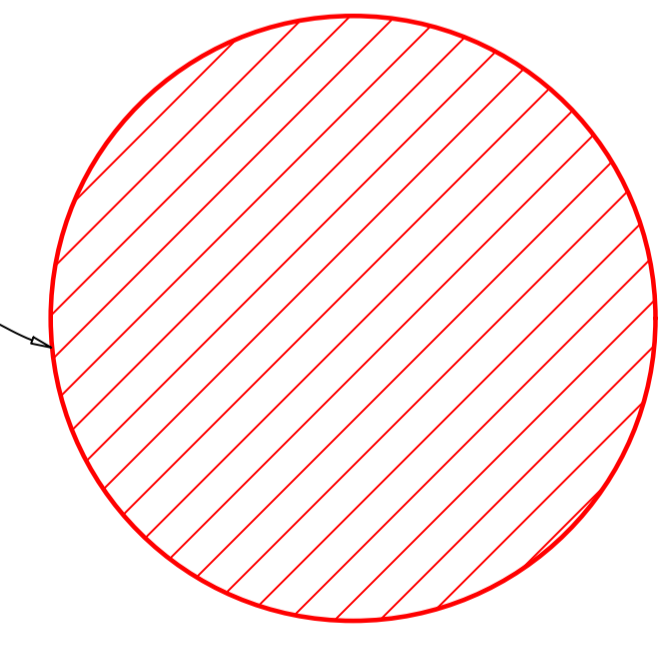
AREA OF INTEREST	AREA (ha)	AREA (m ²)
PROPERTY BOUNDARY (PID: 00114132)	2.56	25,570
INFILL FOOTPRINT	2.40	23,980
RECLAIMED LAND	1.50	15,000
ROCKWEED BEACH	0.24	2,370
INFILL SLOPE UNDER LLWLT	0.44	4,400

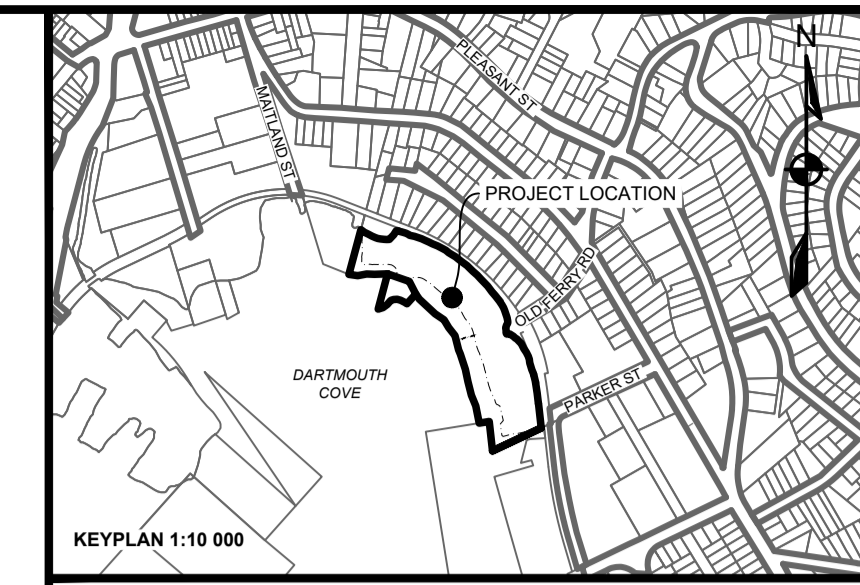
DARTMOUTH COVE
 TIDAL:
 HIGHEST HIGH TIDE = 0.714 m
 LOWEST LOW TIDE = -1.281 m

NOTE:
 BENTHIC SURVEY TRANSECTS 1-7 COMPLETED BY CONNORS DIVING SERVICES LTD. ON JULY 28, 2021.

60mØ SEAFLOOR DIVE INSPECTION CARRIED OUT BY DOMINION DIVING ON DECEMBER 21, 2022

HALIFAX HARBOUR





LEGEND

EXISTING	PROPOSED
10	MAJOR CONTOUR
10	MINOR CONTOUR
10	MAJOR CONTOUR (SEA FLOOR)
10	MINOR CONTOUR (SEA FLOOR)
---	EASEMENT
---	RIGHT OF WAY
---	LOT LINE
---	COMBINED PIPE
---	COMBINED FORCEMAIN
---	TOP OF SLOPE
---	BOTTOM OF SLOPE
---	FENCELINE

NOTE:
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PROJECT DESCRIPTION

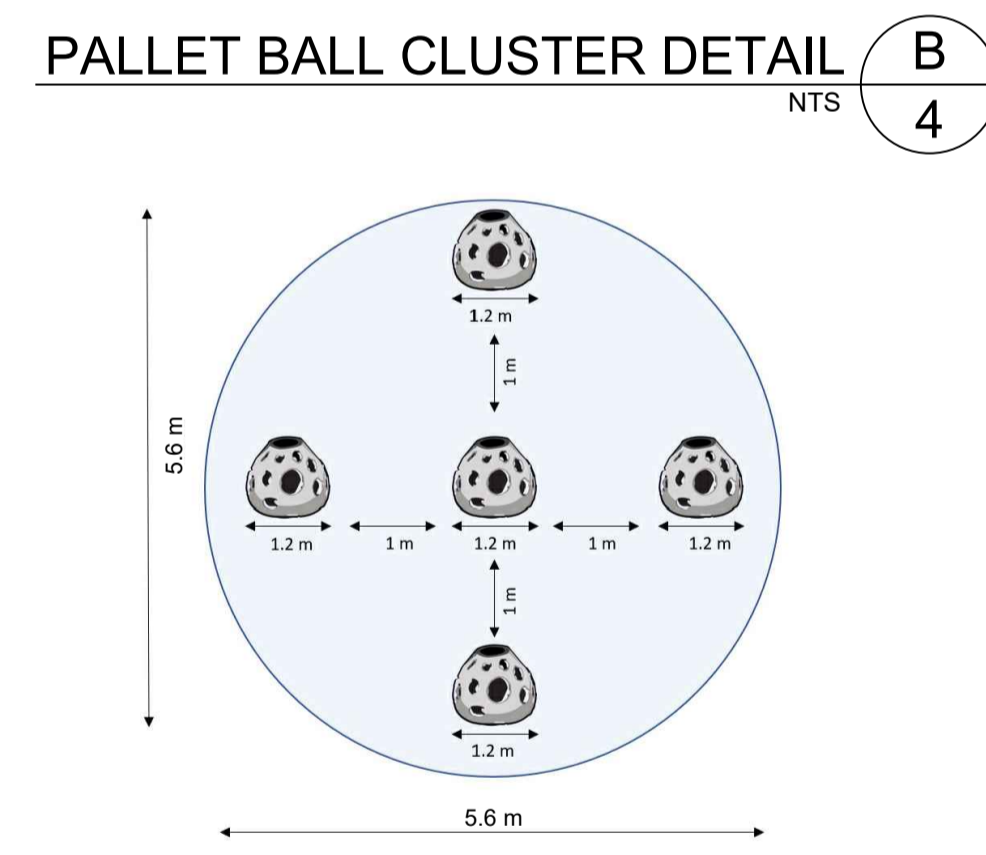
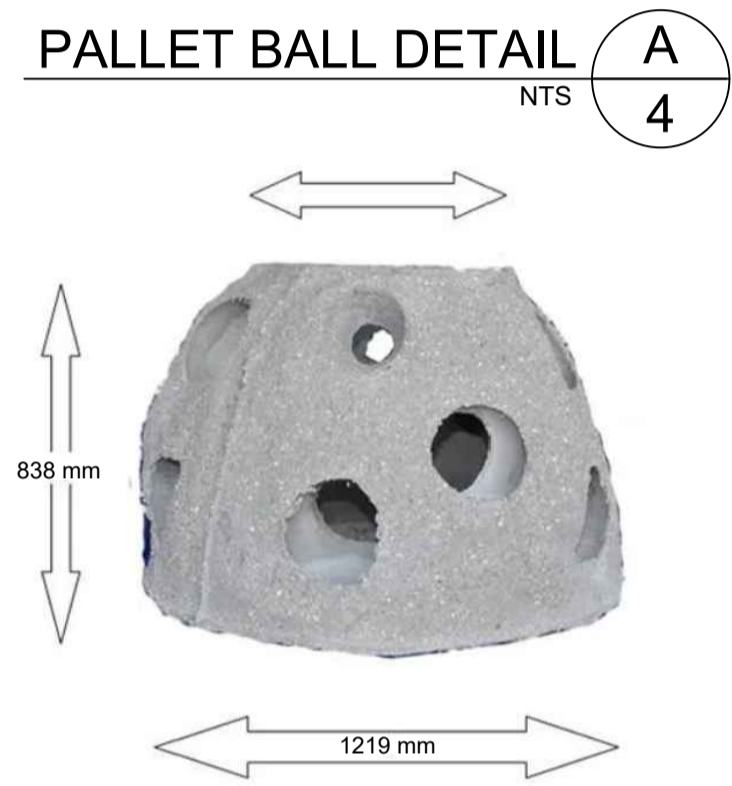
DARTMOUTH COVE WATERFRONT ACCESS

DARTMOUTH, NOVA SCOTIA

SHEET DESCRIPTION

ENVIRONMENTAL OFFSETTING PLAN

Drawn S. HANNAM	Engineer G. WOODFORD	Project No. 21-275	Drawing No. C-04
Scale 1:750	Filename 21-275_C.dwg		4 of 4



PALLET BALL CLUSTER CENTRES

	NORTHING	EASTING
CLUSTER 1	4947638.062	25574553.750
CLUSTER 2	4947625.612	25574588.373
CLUSTER 3	4947594.236	25574580.504
CLUSTER 4	4947600.786	25574613.793
CLUSTER 5	4947594.905	25574643.237
CLUSTER 6	4947575.463	25574665.660
CLUSTER 7	4947548.343	25574682.212
CLUSTER 8	4947520.395	25574691.557
CLUSTER 9	4947491.170	25574698.535
CLUSTER 10	4947462.643	25574707.558
CLUSTER 11	4947436.671	25574726.405
CLUSTER 12	4947406.673	25574730.033
CLUSTER 13	4947419.611	25574758.359

DARTMOUTH COVE
 TIDAL:
 HIGHEST HIGH TIDE = 0.714 m
 LOWEST LOW TIDE = -1.281 m
 MEAN HIGH TIDE = 0.404 m

ENVIRONMENTAL OFFSETTING FROM 13 PALLET BALL CLUSTERS: 9,474 SQ. M.

HALIFAX HARBOUR