

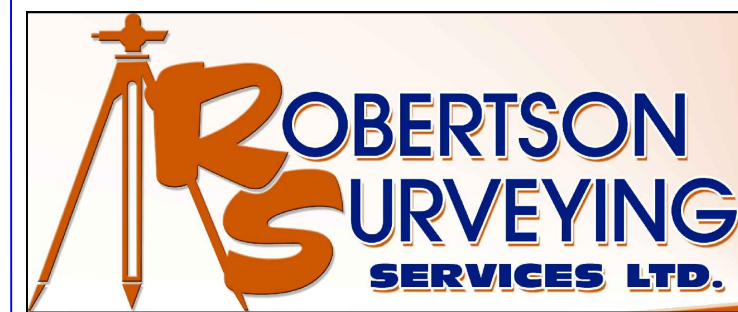
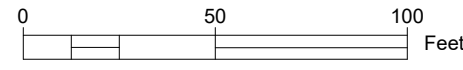
STA:BM9
 N:4765699.12
 E:1591184.20
 Z:9.74

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 Z:12.80

STA:BM5
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 Z:10.13

STA:BM6
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 E:1591218.09
 Z:7.57

STA:BM7
 N:4765184.63
 E:1591421.77
 Z:6.95



Mc ARTHUR ROBERTSON
 LICENSED LAND SURVEYOR

Cane Hall (Roundabout)
 P.O. Box 233, Kingstown, St. Vincent & the Grenadines
 Tel: (784) 457 1279 (O) . (784) 4561167 (Res) .
 (784) 528 8590 (cell) Fax: (784) 485 6219
 E-mail: macsurveys@vincsurf.com

Date of Survey: 26.01.2023-01.02.2023	Surveyed by: DEFA
Date Created: 02.02.2023	Drawn by: DEFA
Date Last modified: 02.02.2023	Checked by: Mc Arthur Robertson
Drawing No: TOPO-3-2023	Sheet No: 1 of 1

CLIENT:
 National Sports
 Council

PROJECT:
 Topographic Survey Road
 Around Arnos Vale
 Playing Field

Registered Survey
 Plan Information

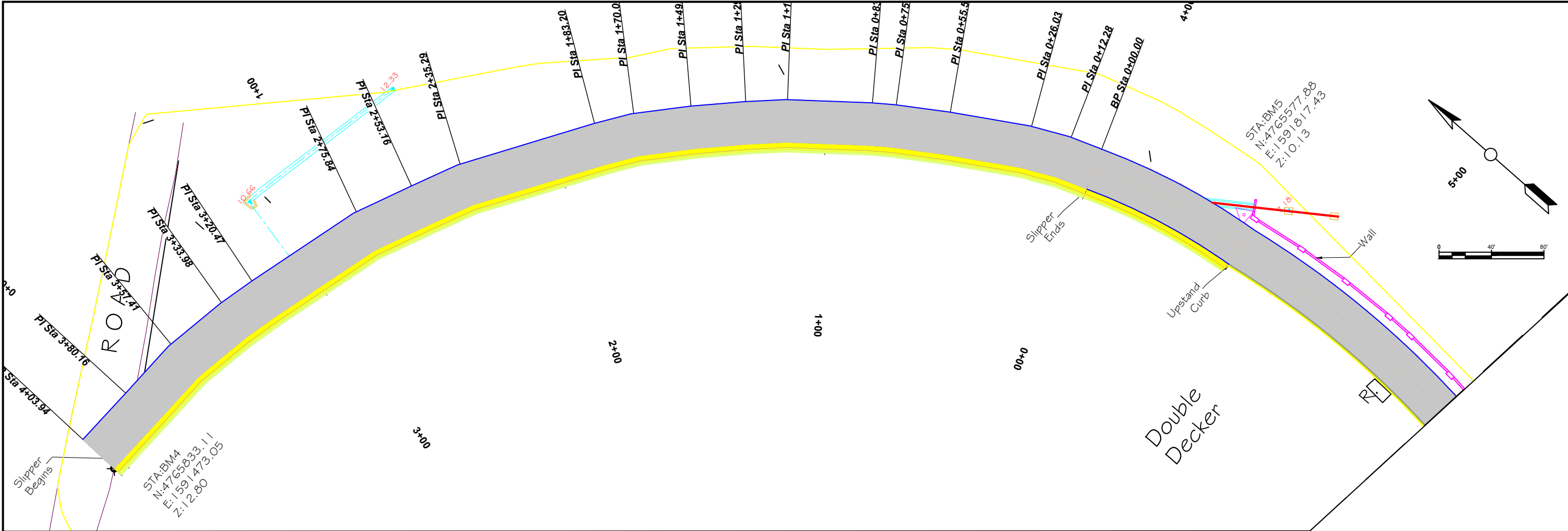
PLAN NO: nil

PARISH: St. George	LOCALITY: Arnos vale
LOT NO: nil	AREA: nil

NOTES

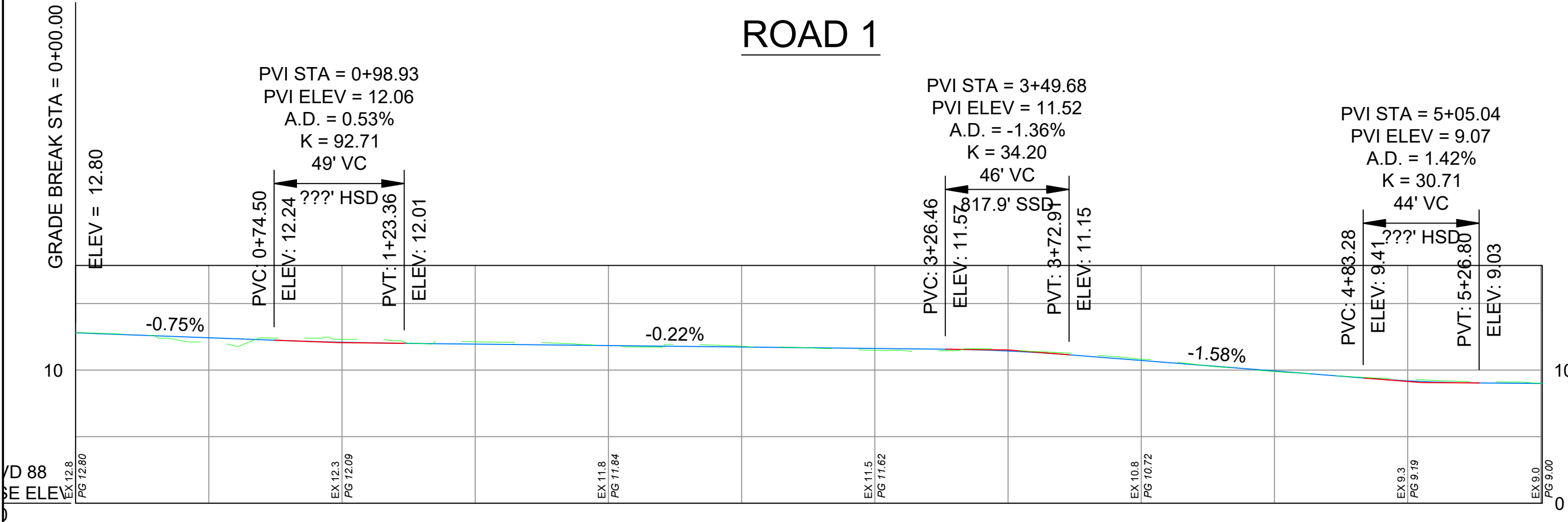
- Coordinates System= St. Vincent 45 / British West Indies Grid
- Datum = Mean sea level
- Regular contours = 0.2 ft
- Index contours = 1 ft
- Road Edge
- Wall
- Drain Edge
- Drain Center Line
- Wire Fence
- Man Hole
- Ramp
- Tree
- Invert Level 12.33
- Spot Level 12.33

SCALE: 1"=50'
 Distances are in feet



- NOTES - Notes**
- 1) Do not scale drawings.
 - 2) The Contractor shall verify all dimensions before proceeding with any work and report any discrepancies to the Engineer immediately.
 - 3) The final road alignment to be determined by Engineer on site.
 - 4) All accesses would be adjusted on site.
 - 5) Utility poles and pipe lines would be adjusted by utility companies.
 - 6) Stone is to be packed neatly and compacted at grade level for a surface.
 - 7) **CONCRETE CUBE DESIGN STRENGTH AT 28 DAYS**
Blinding
Use C7.5/20, strength $\geq 7.5\text{MPa}$ or 1100 psi.
Walls, Slab on grade, Head/Toe Walls, Aprons, Catchpits, Bases and Footings, Kerb, Slippers, Swales, Box drains, surrounds etc.
Use C30/20, strength $\geq 30\text{MPa}$ or 4350 psi.
Fords, Box Culverts, Bridges, Structural Concrete
Use C40/20, strength $\geq 40\text{MPa}$ or 5800 psi.
 - 8) **REINFORCEMENT**
All reinforcing steel shall conform to BS 4449 (Deformed High Yield/Tensile Steel Bars and Plain Round Bars) with yield strength $\geq 410\text{MPa}$ or 60000 psi.
Welded wire fabric shall conform to BS 4483 and shall be lapped one full mesh grid at side & end splices and wired together.
Cover to reinforcement shall be 50mm or 2" unless otherwise indicated on drawing.
All reinforcement shall be clean of debris and inspected in place by the Engineer before concrete is poured. Notice for inspection shall be given as required by the Engineer or Specification.
 - 9) **FOUNDATIONS**
All footings shall be placed on firm, approved, well compacted existing or imported material. Backfill shall be compacted to 95% Modified Proctor Maximum Dry Density. Unsuitable material shall be excavated and replaced with properly compacted fill as directed by the Engineer.

ROAD 1



CONSULTANTS:

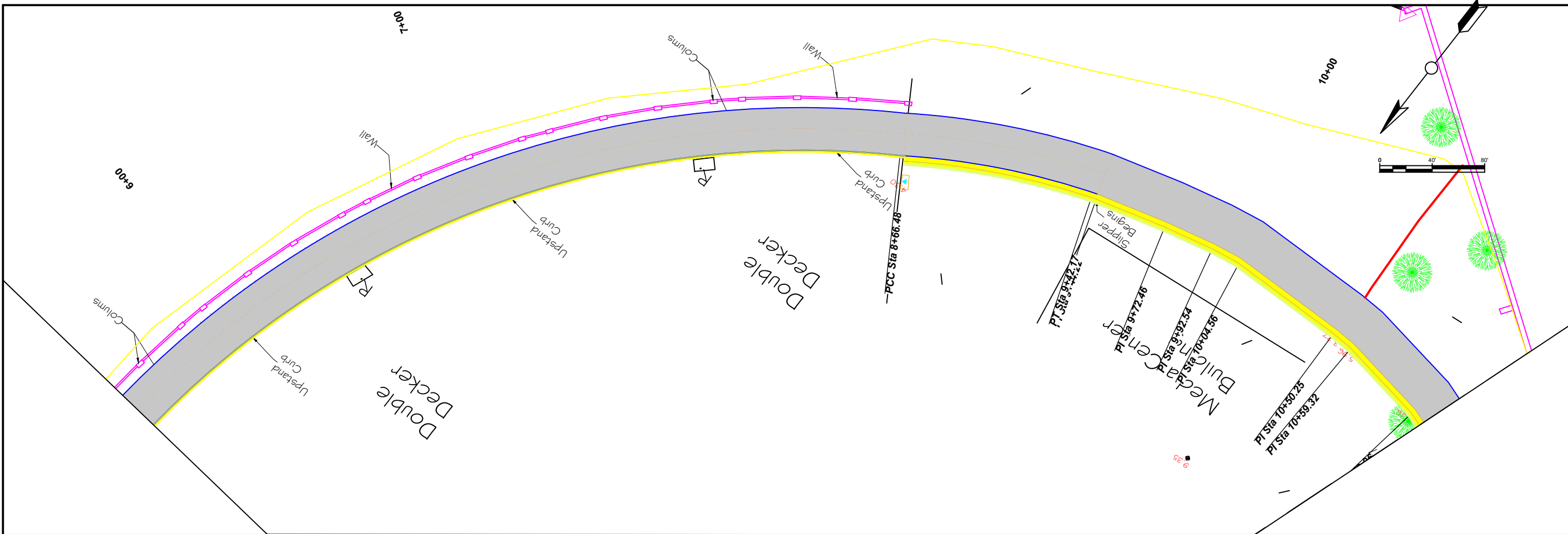
MTWLPP
MINISTRY OF TRANSPORT,
WORKS, LANDS AND PHYSICAL
PLANNING

CLIENT:
NATIONAL SPORTS COUNCIL

PROJECT:
CONSTRUCTION OF THE RING
ROAD AT ARNOS VALE
SPORTS COMPLEX

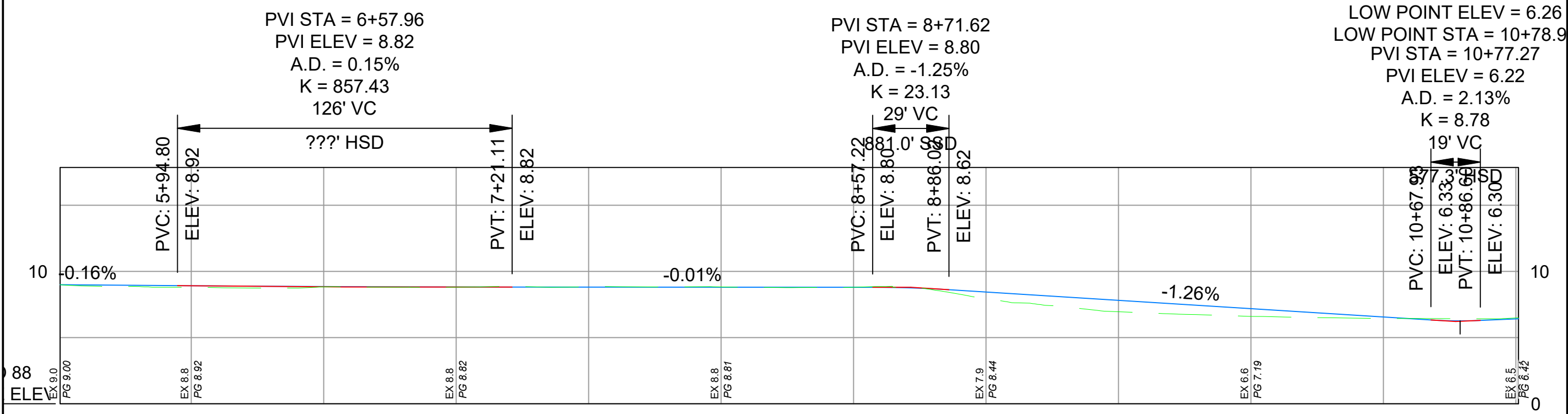
TITLE:
ROAD PLAN AND PROFILE 1

CHECKED:	SCALE: 1" = 40'-0"	DRAWN BY: YAAC	DWE. No. S01 of S03
DATE: 03/03/2023	CHECKED:		



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ROAD 1



CONSULTANTS:

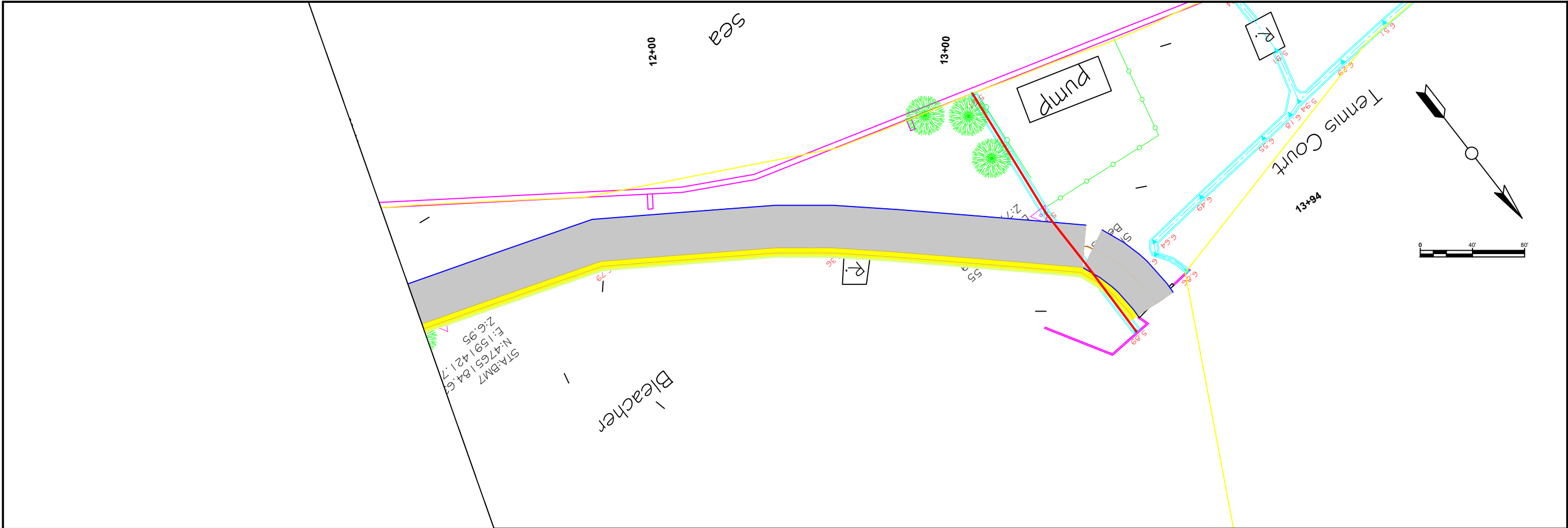
MTWLPP
MINISTRY of TRANSPORT,
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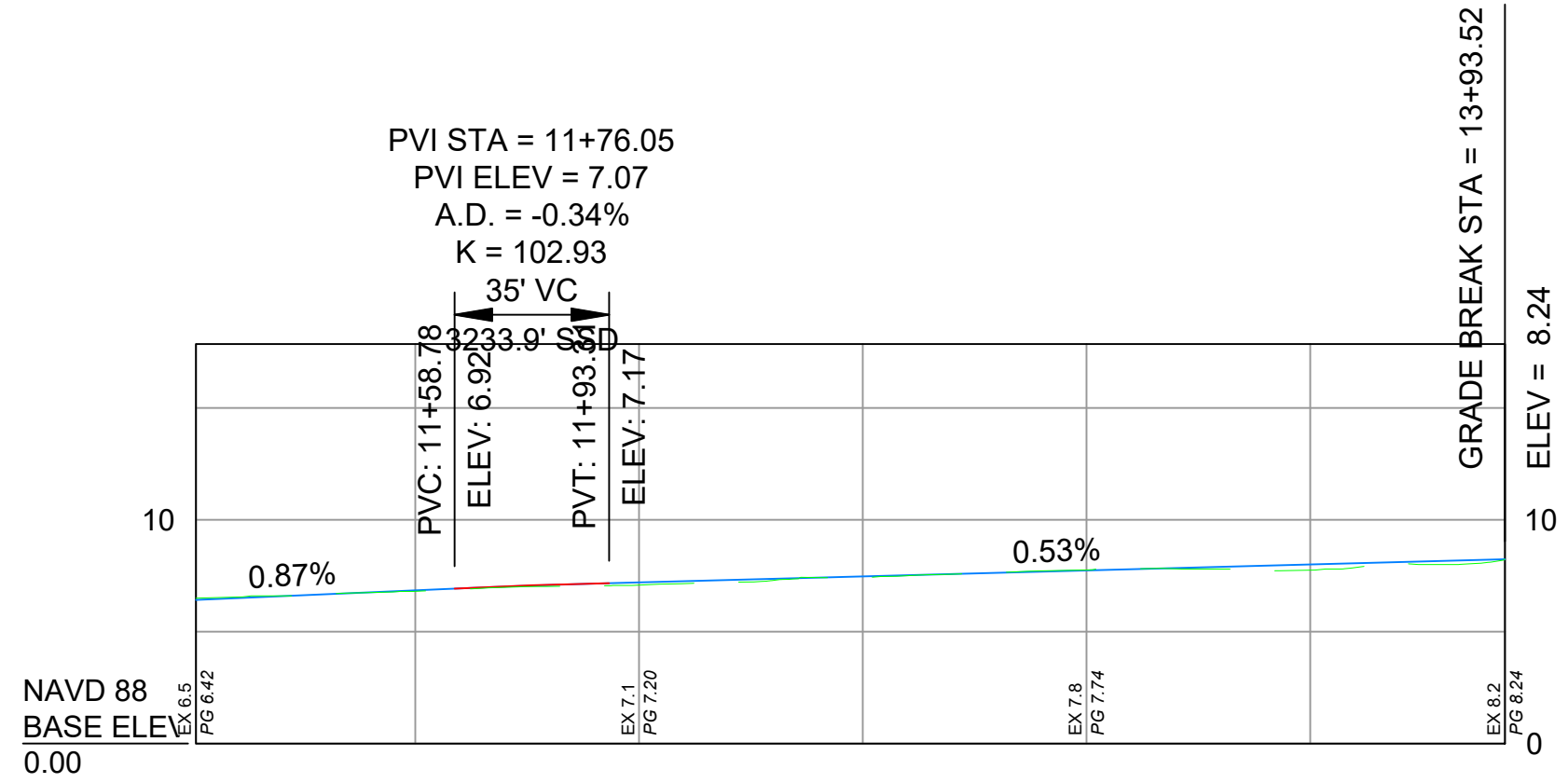
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ROAD PLAN AND PROFILE 2

CHECKED:	SCALE: 1" : 40'-0"	DRAWN BY: YAAC	DWE. No. S02
DATE: 03/03/2023	CHECKED:	DATE: 03/03/2023	of S03



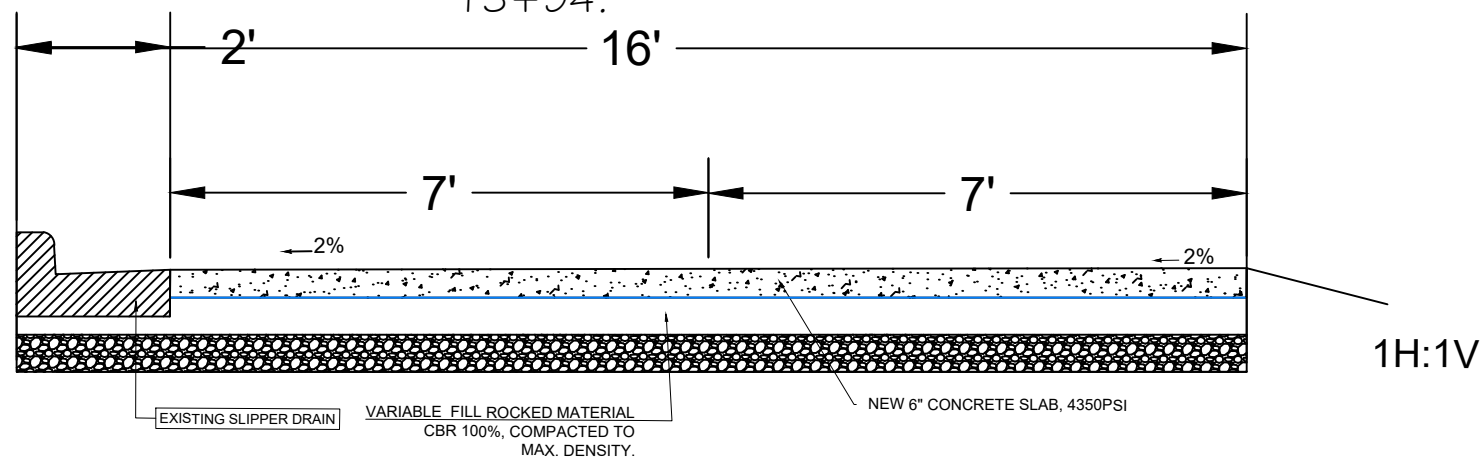
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ROAD 1

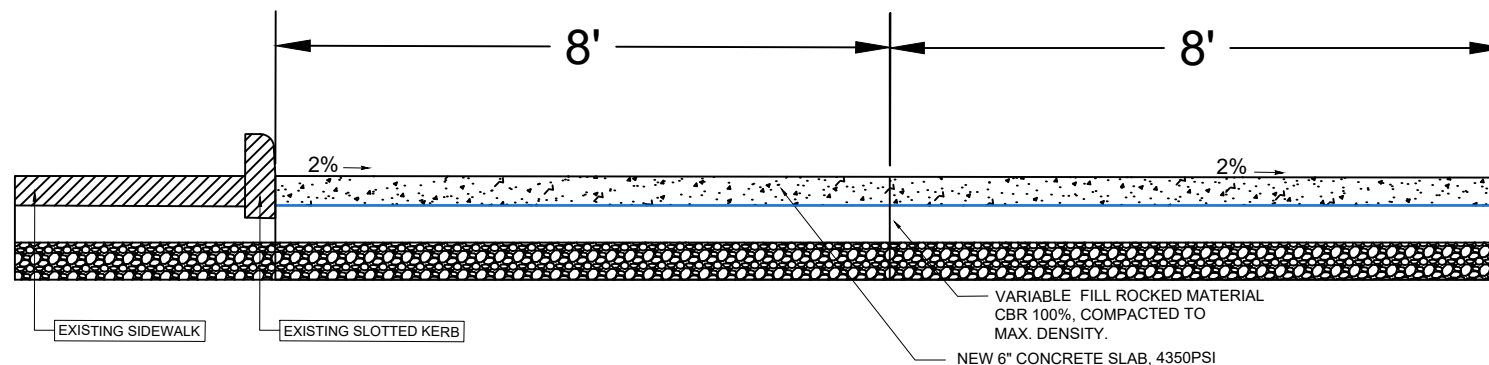


CONSULTANTS:			
MTWLPP			
MINISTRY of TRANSPORT, WORKS, LANDS and PHYSICAL PLANNING			
CLIENT:			
NATIONAL SPORTS COUNCIL			
PROJECT:			
CONSTRUCTION OF THE RING ROAD AT ARNOS VALE SPORTS COMPLEX			
TITLE:			
ROAD PLAN AND PROFILE 3			
CHECKED:	SCALE:	DRAWN BY:	DWE. No.
DATE:	1" : 40'-0"	YAAC	S03
03/03/2023		03/03/2023	of S03

CONCRETE ROAD
TYPICAL SECTION
FROM 0+00 TO
4+53, 8+67 TO
13+94.



CONCRETE ROAD
TYPICAL SECTION
FROM 4+53 TO
8+67.



NOTES

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PLANNING

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PROJECT:

CONSTRUCTION OF THE RING
ROAD AT ARNOS VALE
SPORTS COMPLEX

TITLE:

ROAD SECTIONS

CHECKED:	SCALE: 1" : 30'-0"	DRAWN BY: YAAC	DWE. No. S01 of
DATE: 03/03/2023	CHECKED:	03/03/2023	