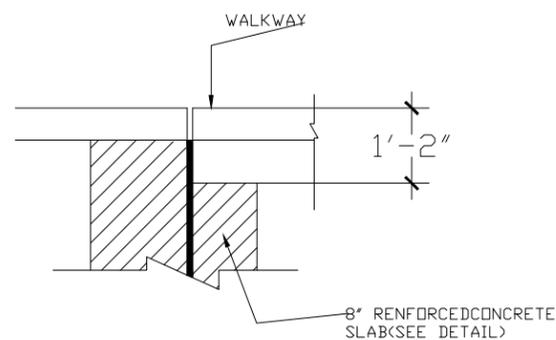
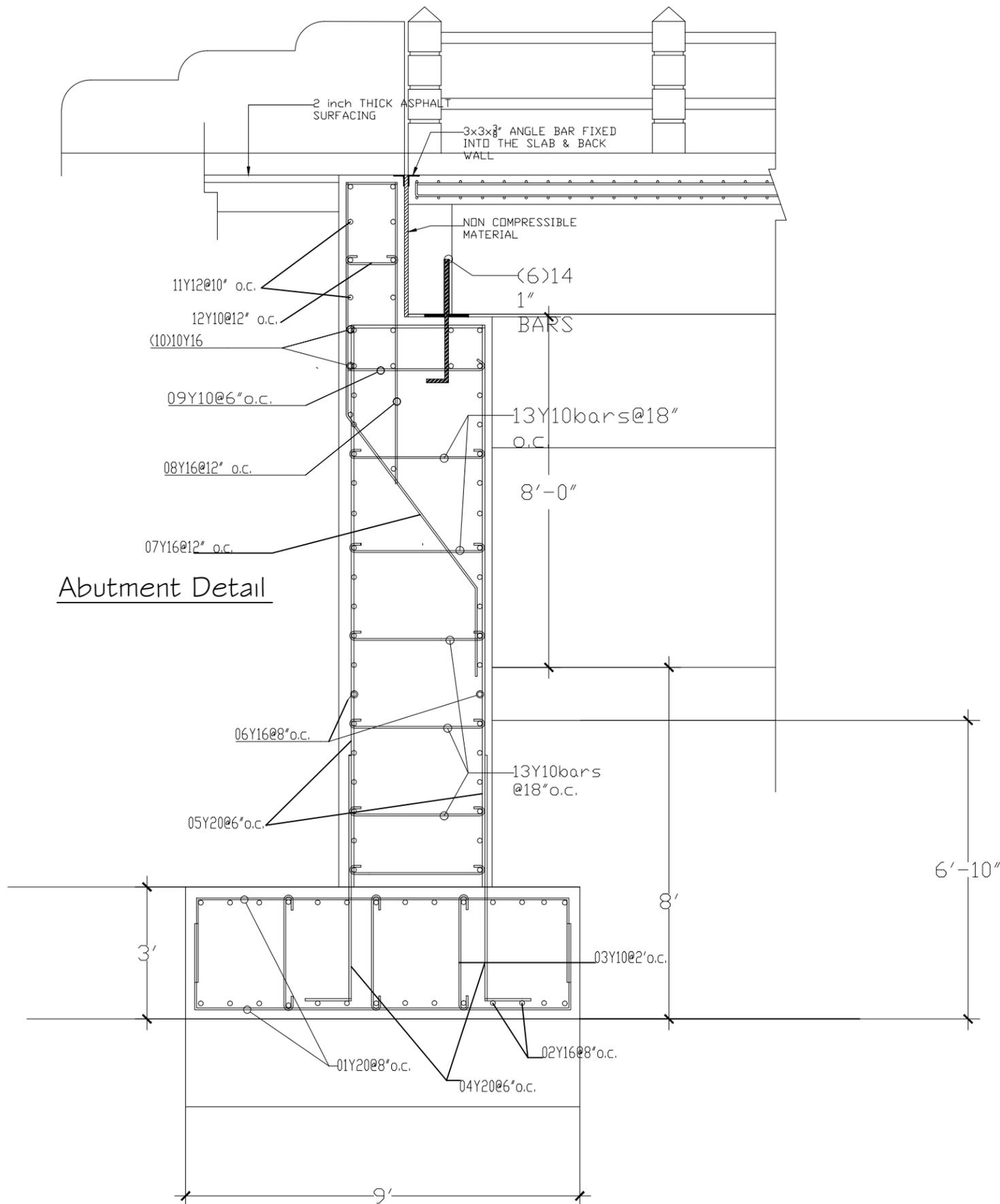


Abutment Bearing Detail



Beam Section



Abutment Detail

NOTES:

- 1) Do not Scale drawings.
- 2) All dimension to be check on site.
- 3) This drawing is to be read with conjunction with all other structural and mechanical services drawing.

4) **GEOTEXTILES MATERIALS:**
 Geotextiles for placement behind retaining walls and for protection of coastal fills and causeway fills shall be non woven needle punched polyester fabric. The fabric shall meet the following specification;

Weight > 0.6kg/sqm.
 Effective opening Size < 0.08 mm
 Permeability > 4 mm/s
 Min. thickness 5 mm
 UV Resistance to ASTM D4355 > 70%
 Puncture resistance ASTM D4833 > 100kg
 Burst Strength -ASTM D3786 > 5000kpa

5. **STRUCTURAL STEEL REINFORCEMENT:**
 5.1) Steel strength to be cold work deformed bars to B.S. 4461 or other approved with bending stress of "Y" bars=66,000 psi

No:	DATE:	ISSUE:
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MTWUDLG
MINISTRY of TRANSPORT
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 PROJECT MANAGEMENT UNIT
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CONSULTANTS:

CLIENT: Government of St. Vincent & the Grenadines

PROJECT: Grand Sable Bridge & River Protection

TITLE: Lot 1 Bridge Details

PROJ. No:	SCALE:	DRAWN:	DWG. No.
	DATE:	CHECKED:	LI 506