



Bridge Section X-X for Grand Sable
East to West

Precast beam see drawing LI 505

- 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:

MTWUDLG
 MINISTRY of TRANSPORT
 WORKS, URBAN DEVELOPMENT
 AND LOCAL GOVERNMENT
 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 Section 2

PROJ. No:	SCALE:	DRAWN:	DWG. No.
			LI 503
	DATE:	CHECKED:	