Bridge Section X-X for Grand Sable
East to West

Precast beam see drawing LI S05

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 ASTMD4833	>100kg
Brust 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
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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.
	DATE:	CHECKED:	LI S03