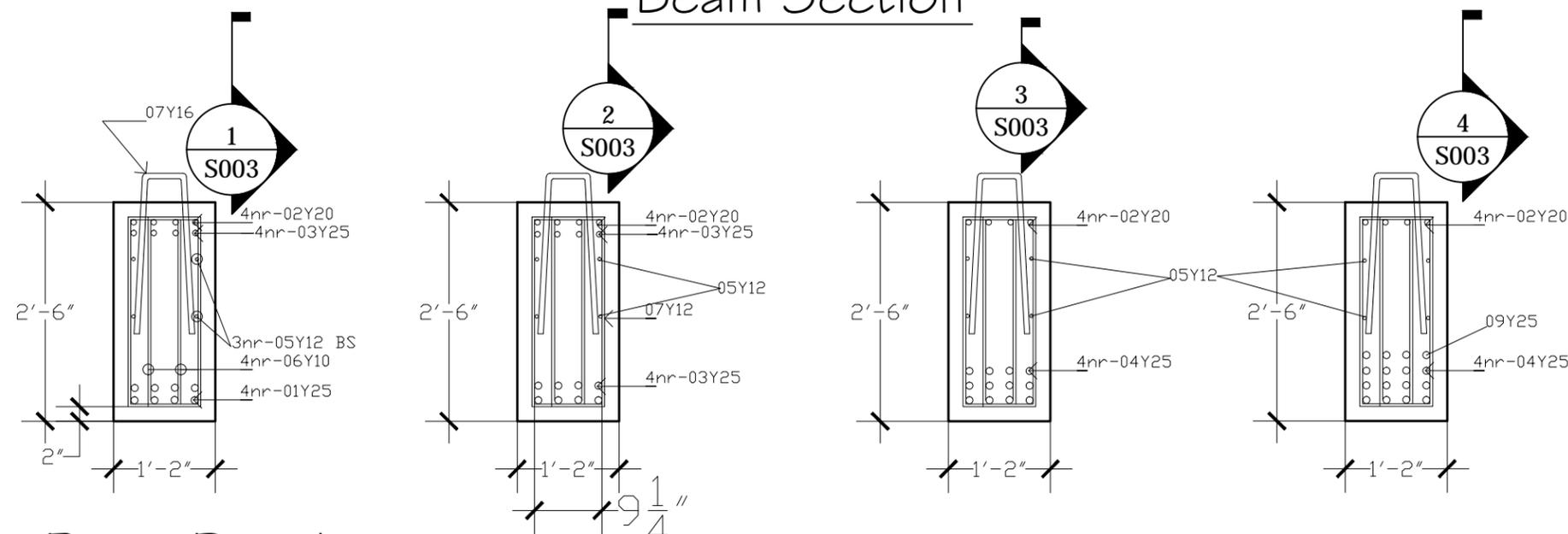


Beam Section



Beam 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°K  
Puncture resistance ASTM D4833-100kg  
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**  
MINISTRY of TRANSPORT  
WORKS, URBAN DEVELOPMENT  
AND LOCAL GOVERNMENT  
PROJECT MANAGEMENT UNIT  
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St. VINCENT and the GRENADINES  
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CONSULTANTS:

CLIENT: Government of St. Vincent & the Grenadines

PROJECT: Rehabilitation of Congo Valley Road, Bridge#1 & River Defence

TITLE: Bridge Beam Detail Lot 2

PROJ. No:	SCALE:	DRAWN:	DWG. No.
DATE:	CHECKED:		LI 505