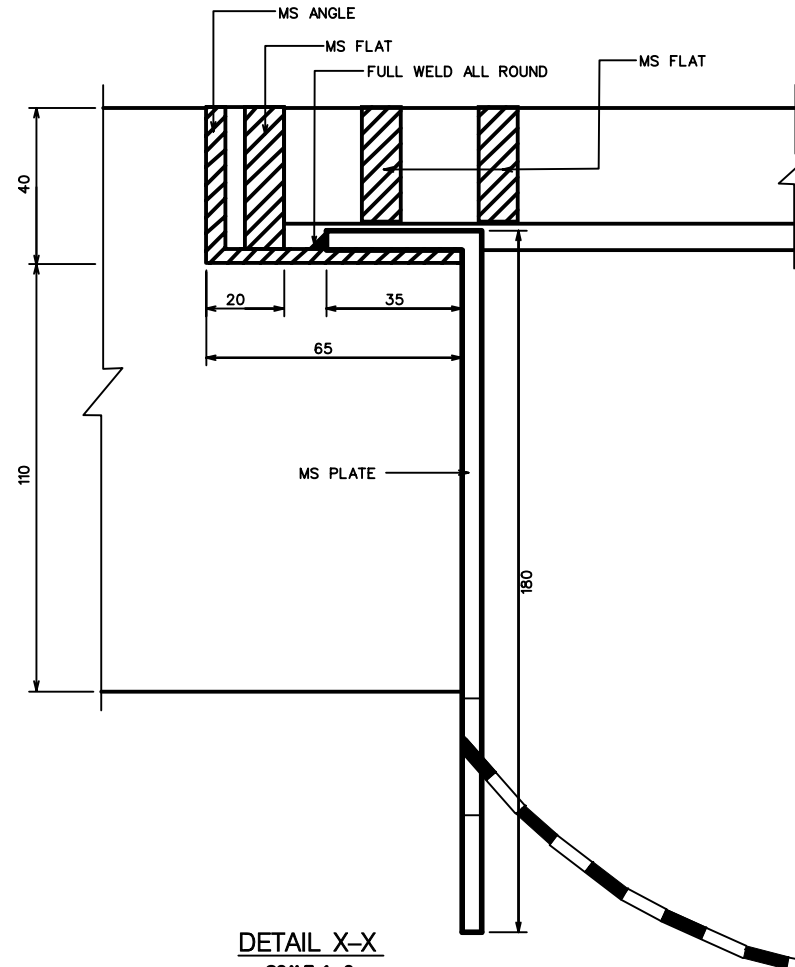
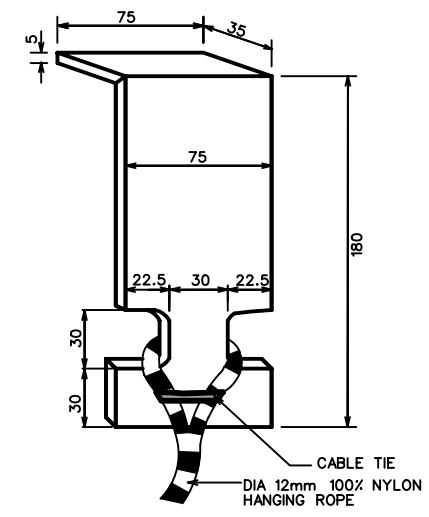


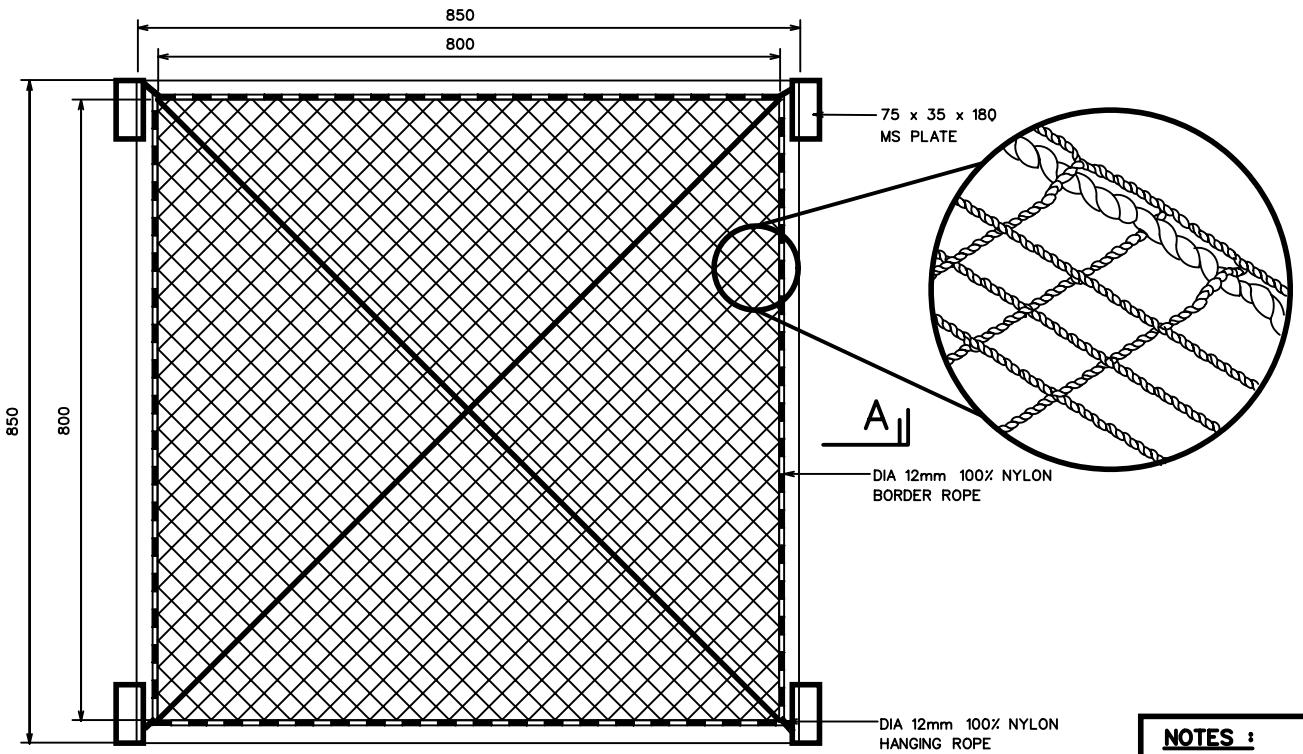
SECTION A - A
SCALE 1:2



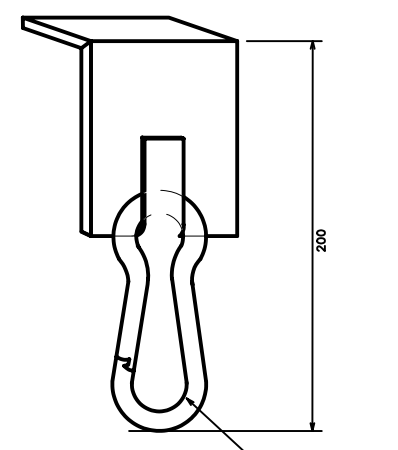
DETAIL X-X
SCALE 1:2



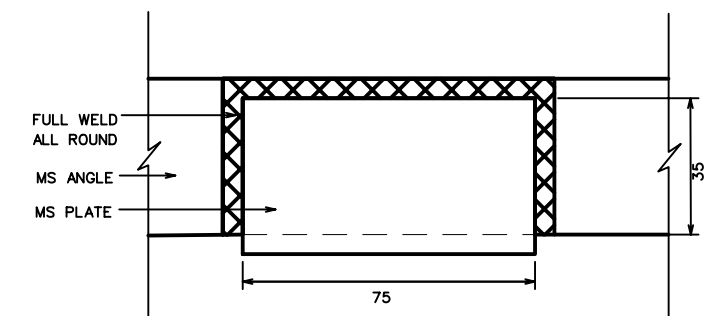
FRONT VIEW OF MS PLATE
SCALE 1:2



PLAN VIEW OF ANTI-FALL SAFETY NET
SCALE 1:5



DETAIL Y-Y
SCALE 1:2



PLAN VIEW OF MS PLATE (LOCATION OF WELD)
SCALE 1:1

NOTES :

- ALL SIZES AND DIMENSIONS ARE SHOWN IN MILLIMETRES UNLESS OTHERWISE STATED.
- THE SAFETY NETTING TO BE PROVIDED AT DRAIN DEPTH EXCEEDED 2.5m.
- THE ANTI-FALL SAFETY NET SHALL COMPLY WITH THE FOLLOWING SPECIFICATION:-
- COLOUR OF NETTING AND ROPES : APPROVED COLOUR SCHEME

NETTING

MATERIAL : 100% NYLON RASCHEL WITH UV STABILIZER
 TWINE SIZE : 5mm DIAMETER (210D/306PLY)
 MESH SIZE : 45mm x 45mm
 BORDER ROPE : 12mm 100% NYLON
 HANGING ROPE : 12mm 100% NYLON

TENSILE BREAKING LOAD ON ONE PIECE MESH CORD OF NYLON SAFETY NET : 1.67KN
 CONSTRUCTION SHALL COMPLY WITH SINGAPORE SAFETY STANDARD S.S. 292-1995

MS PLATE

- ALL MS PLATE TO BE HOT-DIPPED GALVANISED TO S.S. 117
- ALL WELDING SHALL BE IN ACCORDANCE WITH B.S. 5135 AND ELECTRODES TO B.S. 449
- ALL WELD TO BE FILLET WELD ALL ROUND
- ALL CUT EDGES SHALL BE NEAT FINISHED AND FREE FROM DISTORTIONS
- ALL EXPOSED METAL SURFACE SHALL BE COATED WITH A LAYER OF LEAD UNDERCOAT AND 2 LAYERS OF FINISHING PAINT

REVISION B			
1) CHANGE OF DEPARTMENT NAME AND PUB LOGO 2) CHANGE DRAWING NO. PUB/D/167A/01 TO PUB/BS/D/167B/01			
PREPARED BY :		APPROVED BY :	
POON S.T. Asst. Director	Date	CHANGHWAH Dy. Director	Date
 PUB Water for All : Conserve, Value, Enjoy BEST SOURCING DEPARTMENT			
STANDARD DRAWING FOR DRAINAGE WORKS			
PROJECT TITLE			
DRAWING TITLE			
PROPOSED NETTING AT GRATING OPENING AND DETAILS OF MS PLATE			
SCALE AS SHOWN			
APPROVED BY	DIRECTOR	YAP K. G.	SIGNED 03-03-04
CHECKED BY	Dy. DIRECTOR	ONG-CHUA S. E.	SIGNED 03-03-04
DESIGNED BY	SENIOR MANAGER	KWOK F. K.	SIGNED 03-03-04
DRAWN BY	HIGHER TECHNICIAN	NORAIHAH	SIGNED 03-03-04
FILENAME :	ARCHIVED REF :	ARCHIVED BY :	
BSD167B_01.dgn	PUB_STD	KOH G. L.	
DRAWING NO. PUB/BS/D/167B/01			