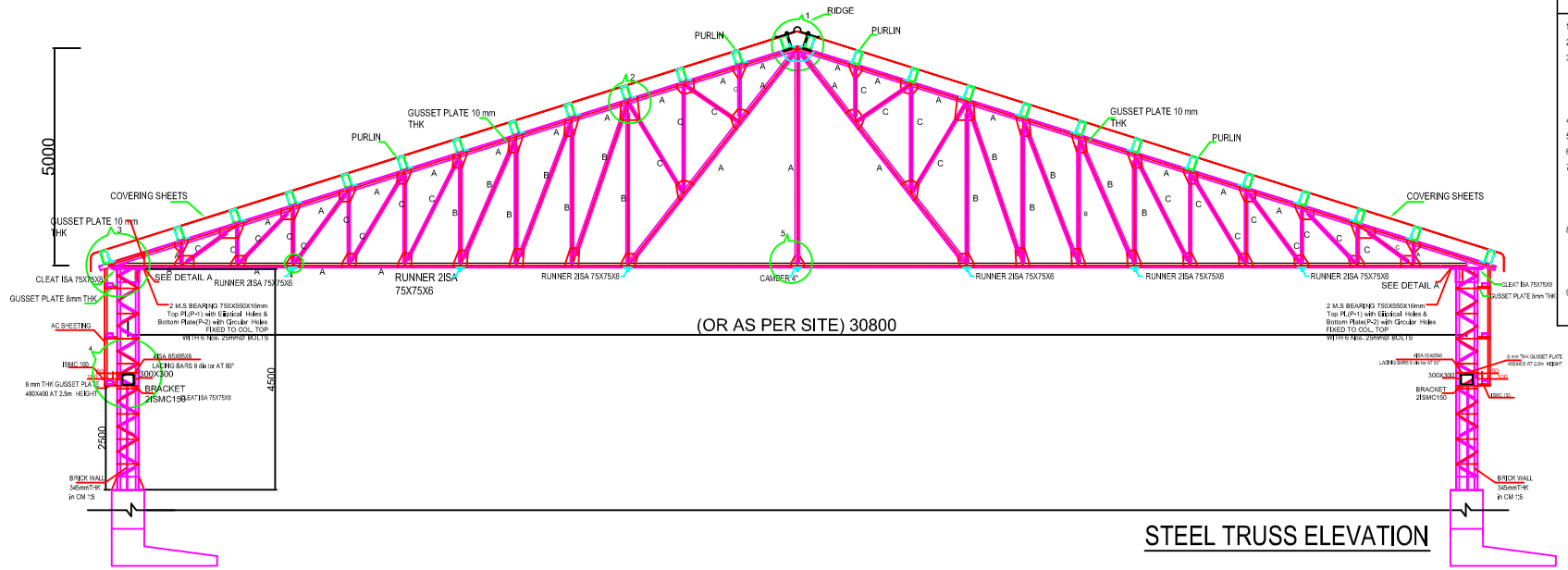
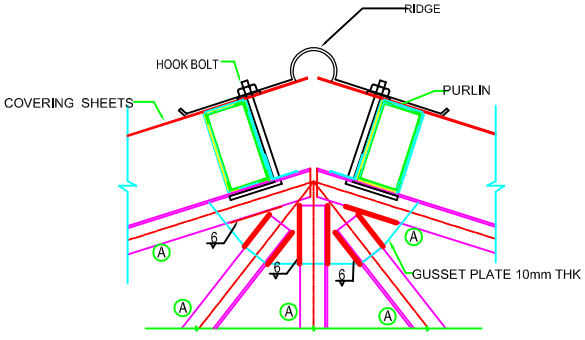
NOTES

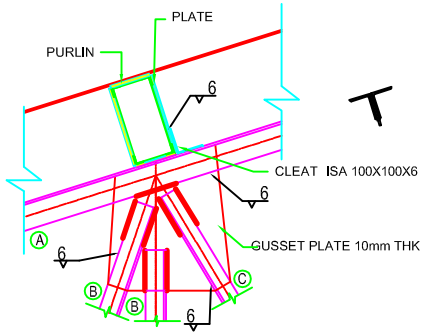
1. DIMENSIONS ARE TO BE READ & NOT TO BE SCALED OFF.
2. ALL DIMENSIONS ARE IN mm.
3. CODES & SPECIFICATIONS :
   i) STRUCTURE STEEL SHALL CONFORM TO IS. 226.
   ii) WELDING SHALL CONFORM TO IS. 816.
   III) FABRICATION & ERRECTION SHALL IN ACCORDANCE TO IS. 800
4. COLUMNS SHOULD HAVE FULL BEARING ON BASE PLATES.
5. WELDS ARE TO BE GROUND SMOOTH WHERE SHOWN OR RECQUIRED.
6. ALL WELDS ARE 6 mm. THK. UNLESS NOTIFIED OTHERWISE.
7. PAINTING : ONE COAT OF PRIMER PAINT OF APPROVED COLOUR & QUALITY AT SHOP & SECOND COAT OF THE SAME PRIMER PAINT AFTER ERRECTION & FOLLOWED BY TWO COATS OF PAINT OF APPROVED COLOUR.
8. PROCEDURE FOR WELDING :
   i) TACK EELDING @ 300 mm.
   II) INTERMITENT WELDING FOR 150 mm. STRETCH.
   III) COMPLETE BALANCE WELDING TO MAKE IT CONTINOUS.
9. ALL GUSSET PLATES SHOULD BE 10mm THK.



STEEL TRUSS ELEVATION



DETAIL 1



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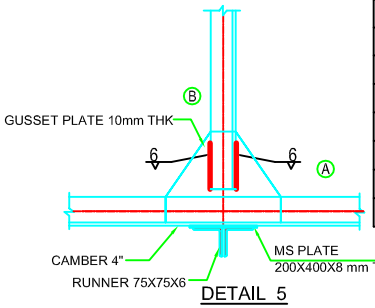
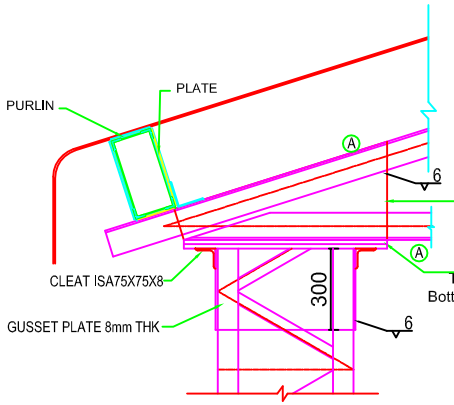


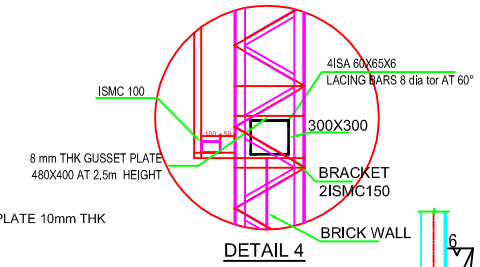
DETAIL 5

TRUSS MEMBER SIZES

SR NO	MEMBER DESIGANATION	SIZE	MINIMUM WELD LENGTH (mm)	REMARKS
1	A	2 ISA 100X100X8	200X3	
2	B	2 ISA 75X75X8	100X4	
3	C	2 ISA 65X65X6	75X4	
4	PURLIN P	(150x300) 4 ISA 35X35X4		
5	RUNNER R	2 ISA 75X75X6		
6	W.B	2 ISA 75X75X6		
7	WELD SIZE	6MM THK		
8	GUSSET PLATE	10MM THK		



DETAIL 3



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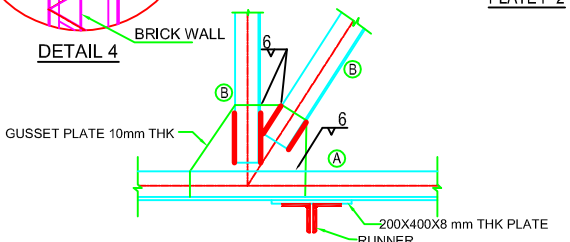

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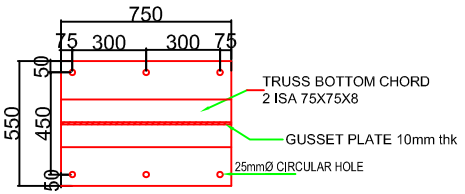

PLATE P-2

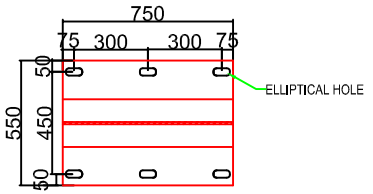

PLATE P-1

CONFIDENTIAL

PROJECT:
SOLAR EVAPORATION POND

STRUCTURE

FOUNDATION EXCAVATION & KEY PLAN
TRUSS ELEVATION
DETAIL -1 TO DETAIL -5 & DETAIL -A

ENGINEER	DR I.C SYAL
DRAWN BY :	AMARDEEP SINGH
SCALE :	N.T.S
DATE : 26/11/2004	DRG. NO. : S2