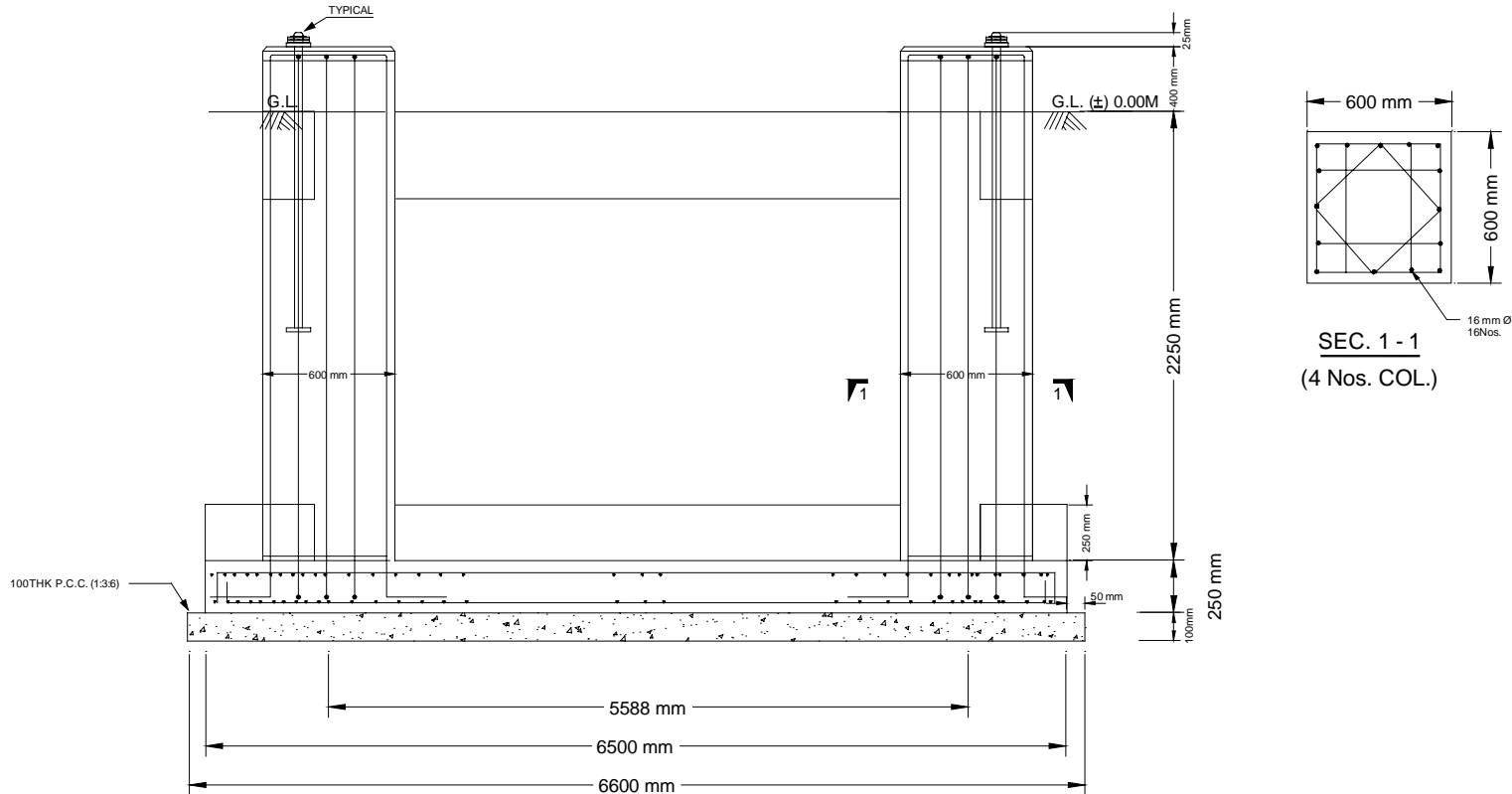



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S:\DESIGN\TOWER\TR1

DETAILS OF FOUNDATION FOR WIND SPEED 140 KMPH AND BEARING CAPACITY = 10MT/SQM.



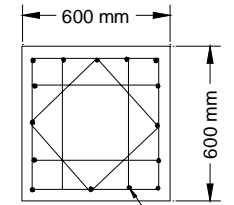
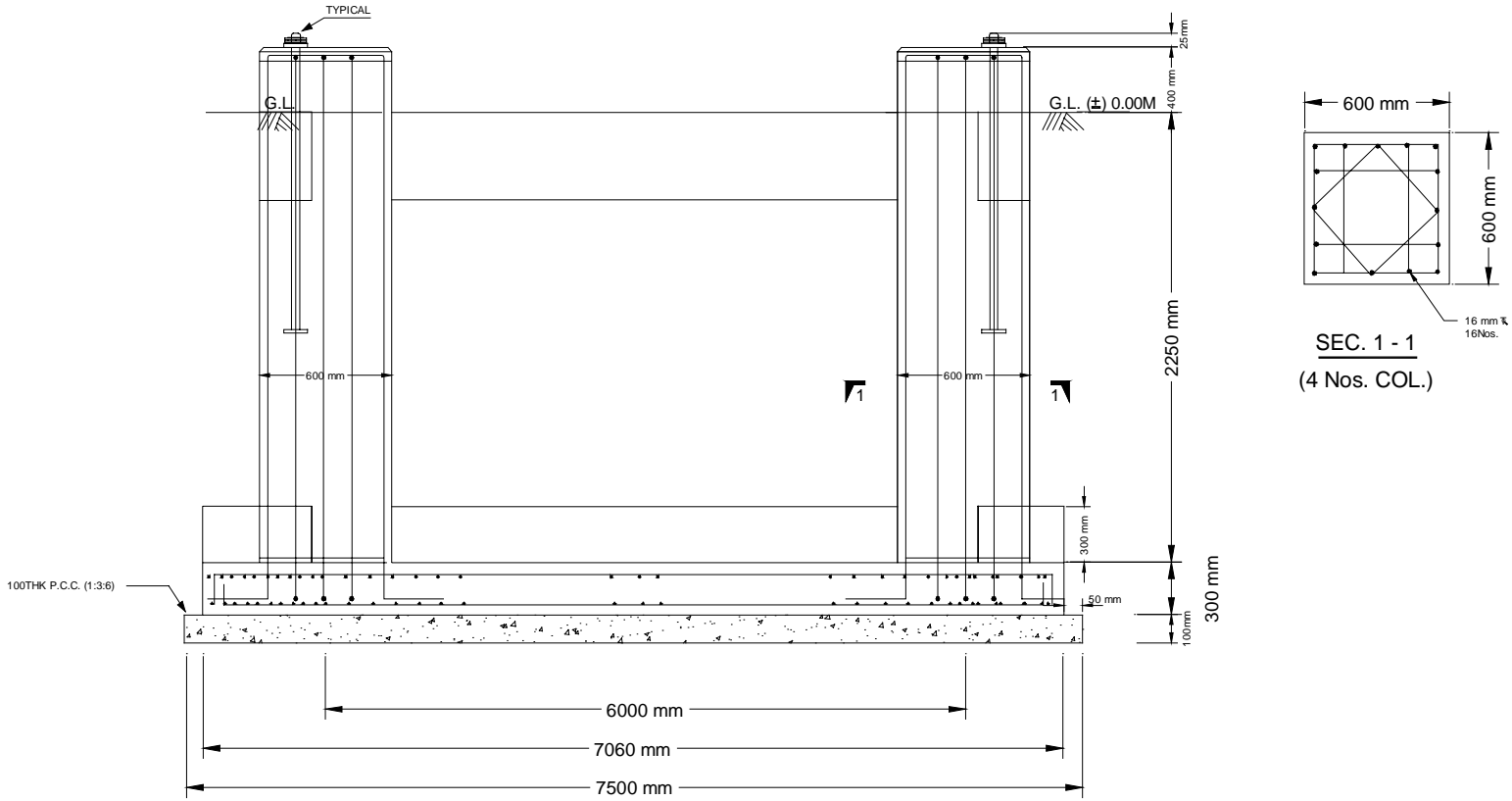
DETAILS OF FOUNDATION FOR WIND SPEED 140 KMPH.			
 CENTRE FOR DEVELOPMENT OF TELEMATICS C-DOT	ISSUE: 1	REV: 3	
	DATE: 07-10-06		
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S:\DESIGN\TOWER\TR1-1

DETAILS OF FOUNDATION FOR WIND SPEED 160 KMPH AND BEARING CAPACITY = 10MT/SQM.



SEC. 1 - 1
(4 Nos. COL.)

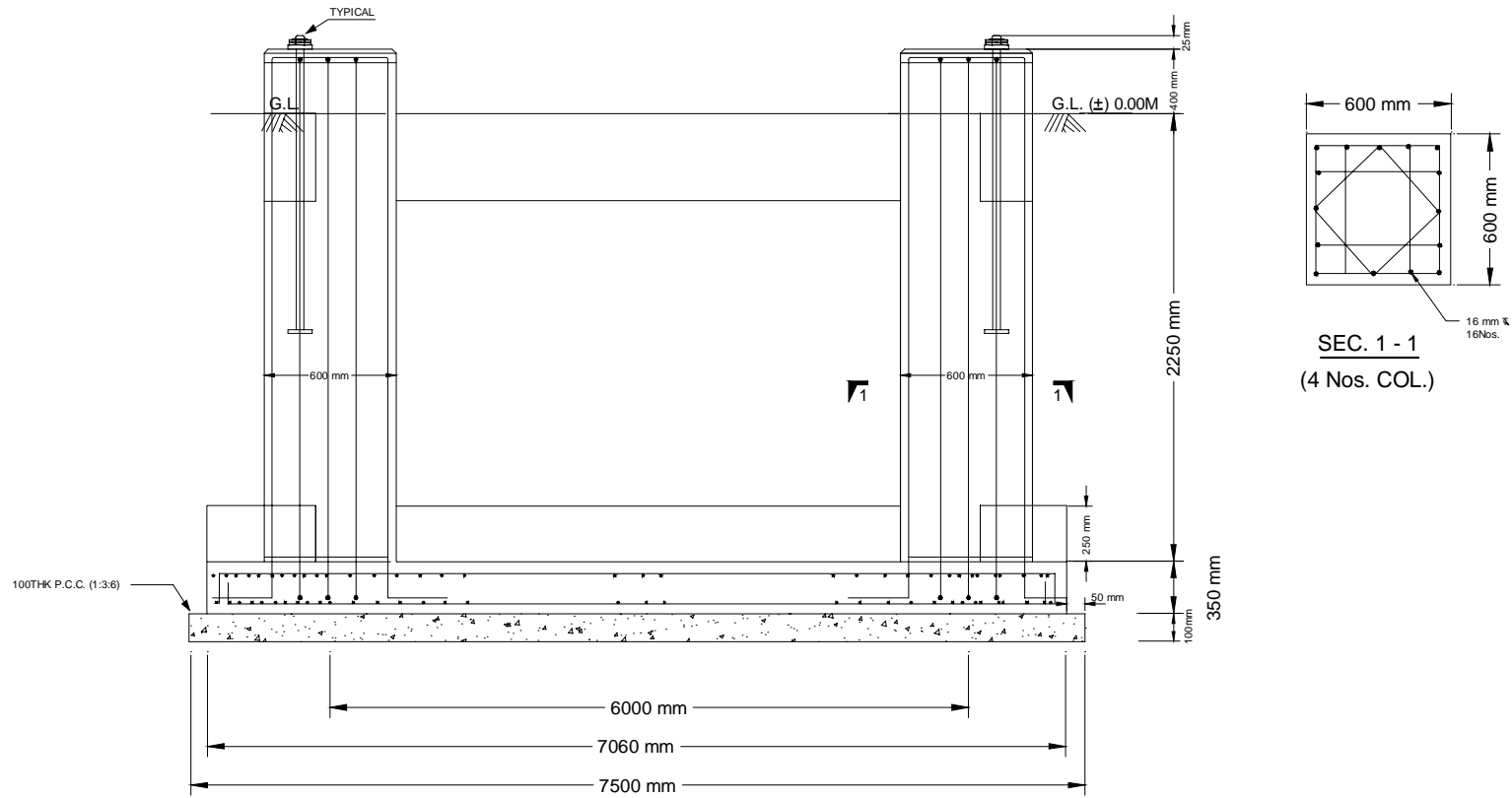
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	CENTRE FOR DEVELOPMENT OF TELEMATICS		ISSUE: 1
	C-DOT		REV: 3
DOCUMENTATION GROUP - DELHI			DATE : 07-10-06
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DETAILS OF FOUNDATION FOR WIND SPEED 180 KMPH AND BEARING CAPACITY = 10MT/SQM.



DETAILS OF FOUNDATION FOR WIND SPEED 180 KMPH.

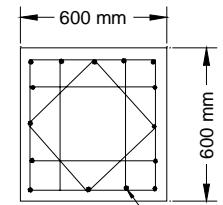
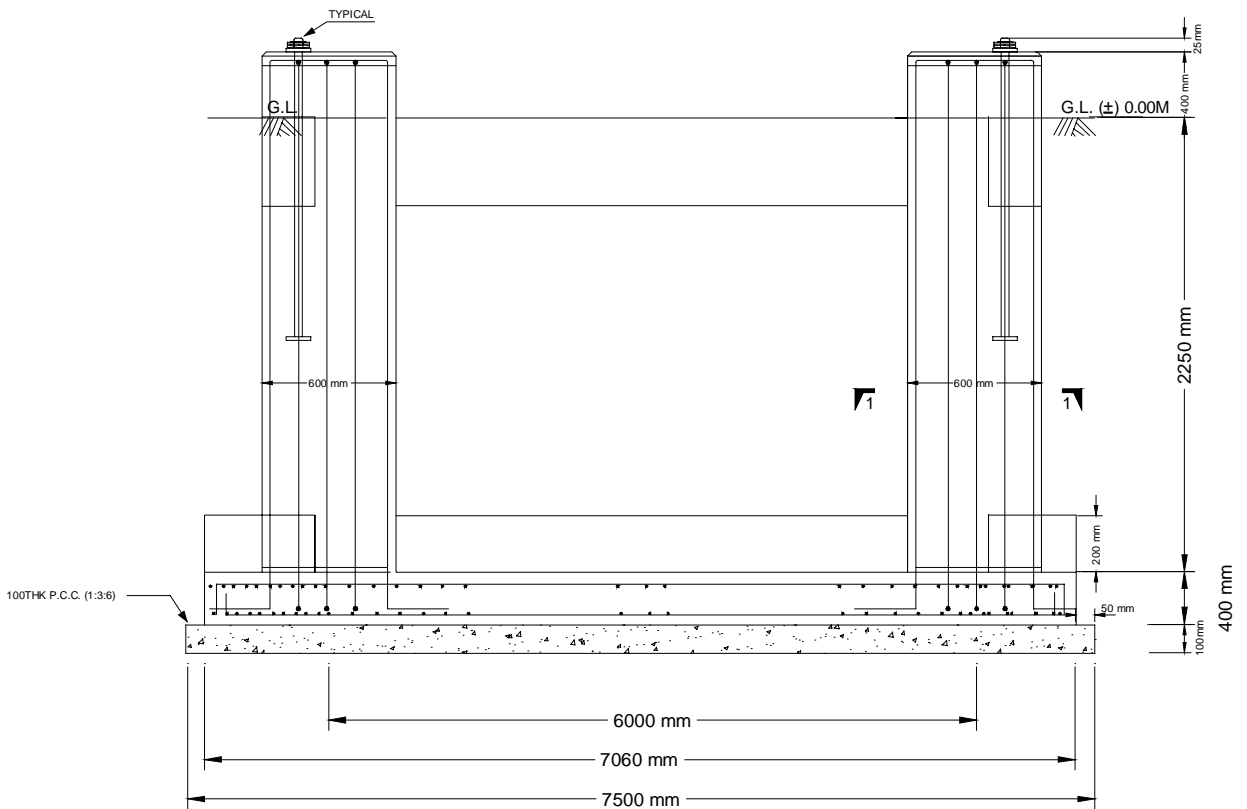
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DETAILS OF FOUNDATION FOR WIND SPEED 200 KMPH AND BEARING CAPACITY = 10MT/SQM.



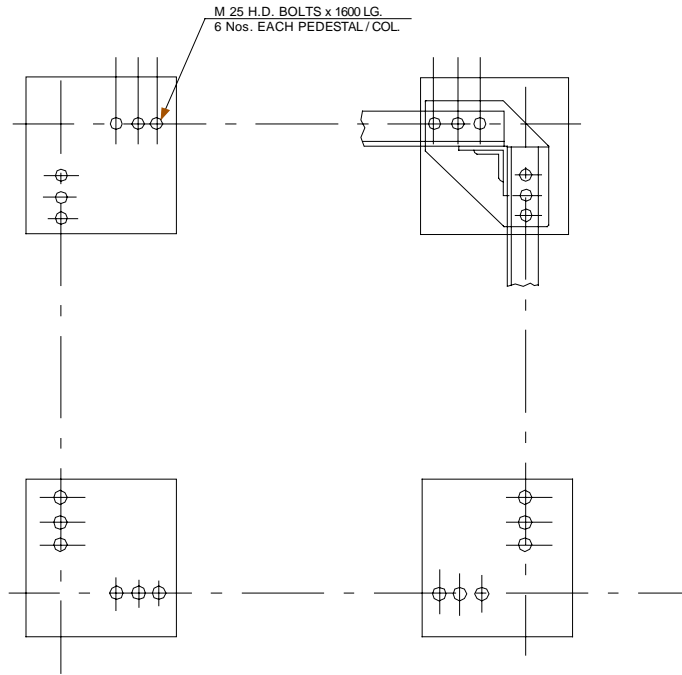
SEC. 1 - 1
(4 Nos. COL.)

DETAILS OF FOUNDATION FOR WIND SPEED 200 KMPH.

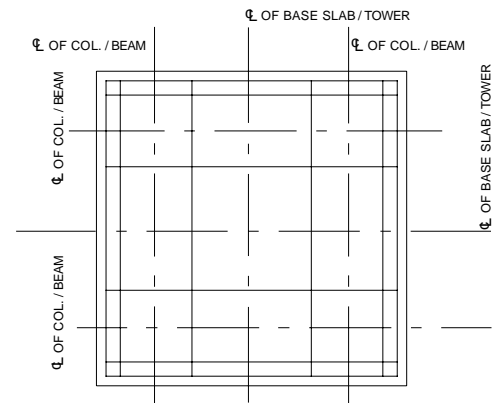
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	DATE : 07-10-06	
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PLAN A - A (SHOWING POSITION OF H.D. BOLTS)



SEC. B - B
 (FOR 10 T/m² SOIL BEARING CAPACITY ONLY)

DETAILS FOR WIND SPEEDS 140 & 160 KMPH

**CENTRE FOR DEVELOPMENT
 OF TELEMATICS**
 C-DOT

ISSUE: 1 REV: 1

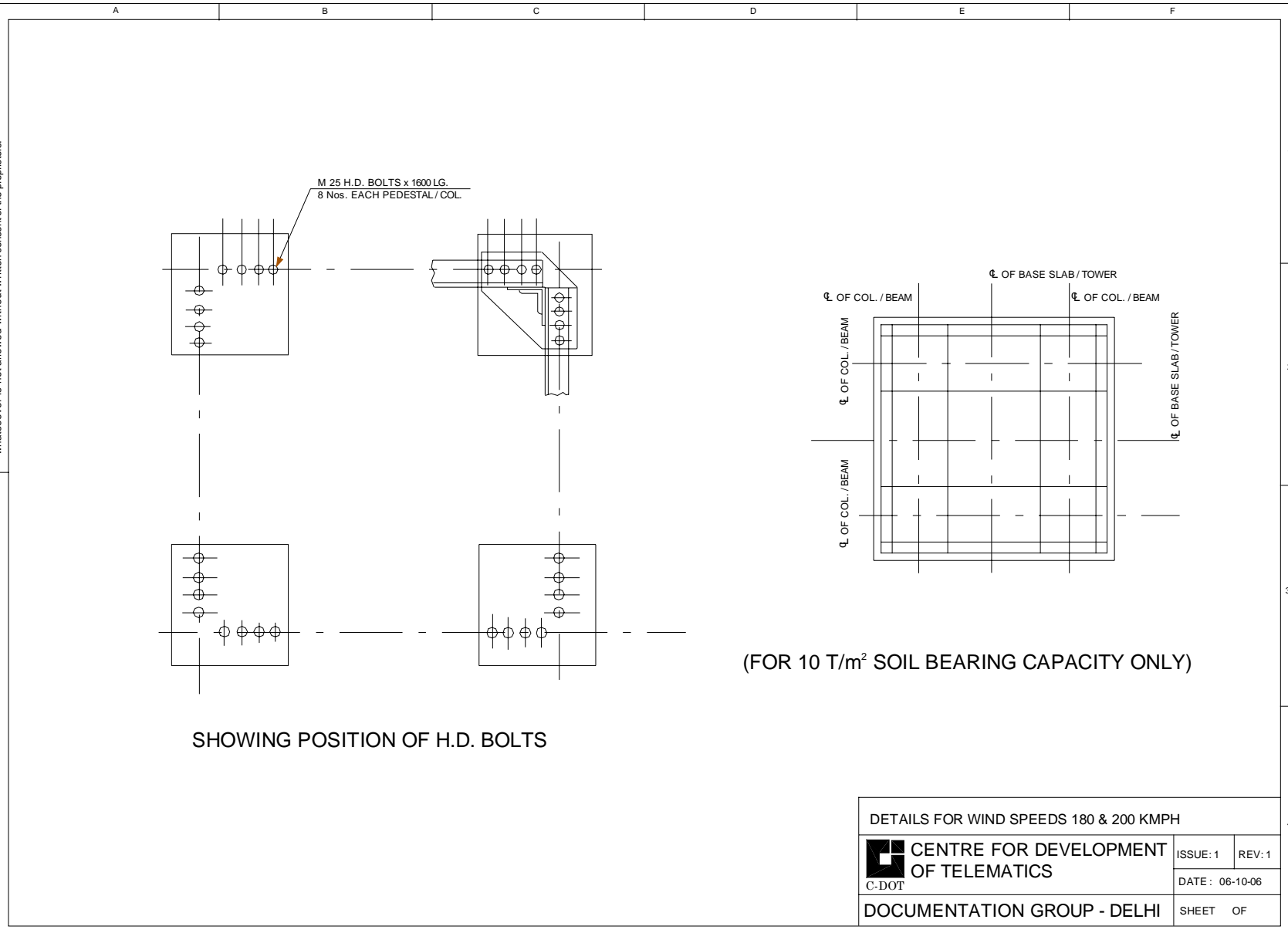
DATE: 06-10-06

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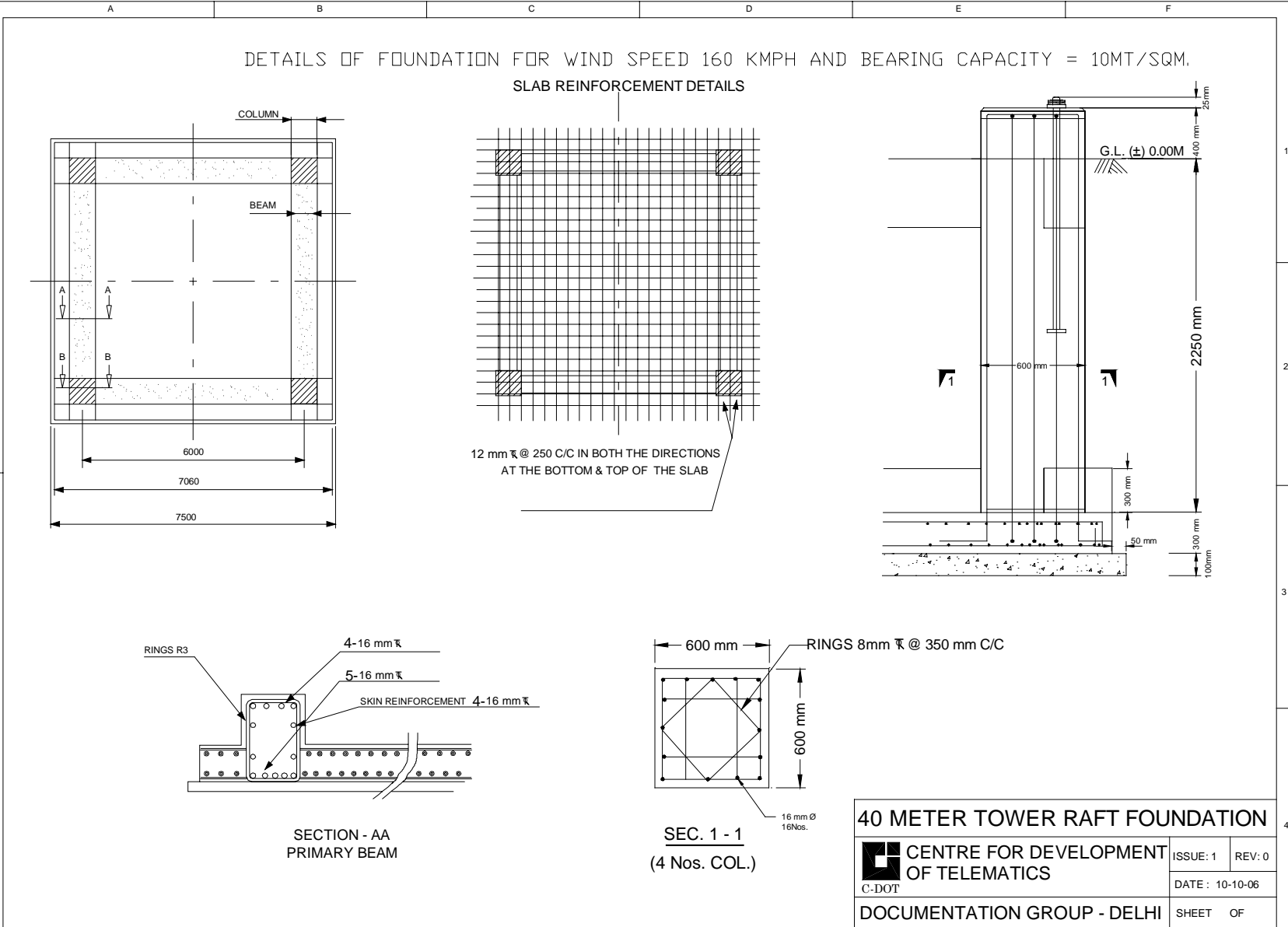
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DESIGN TOWER 1TR3



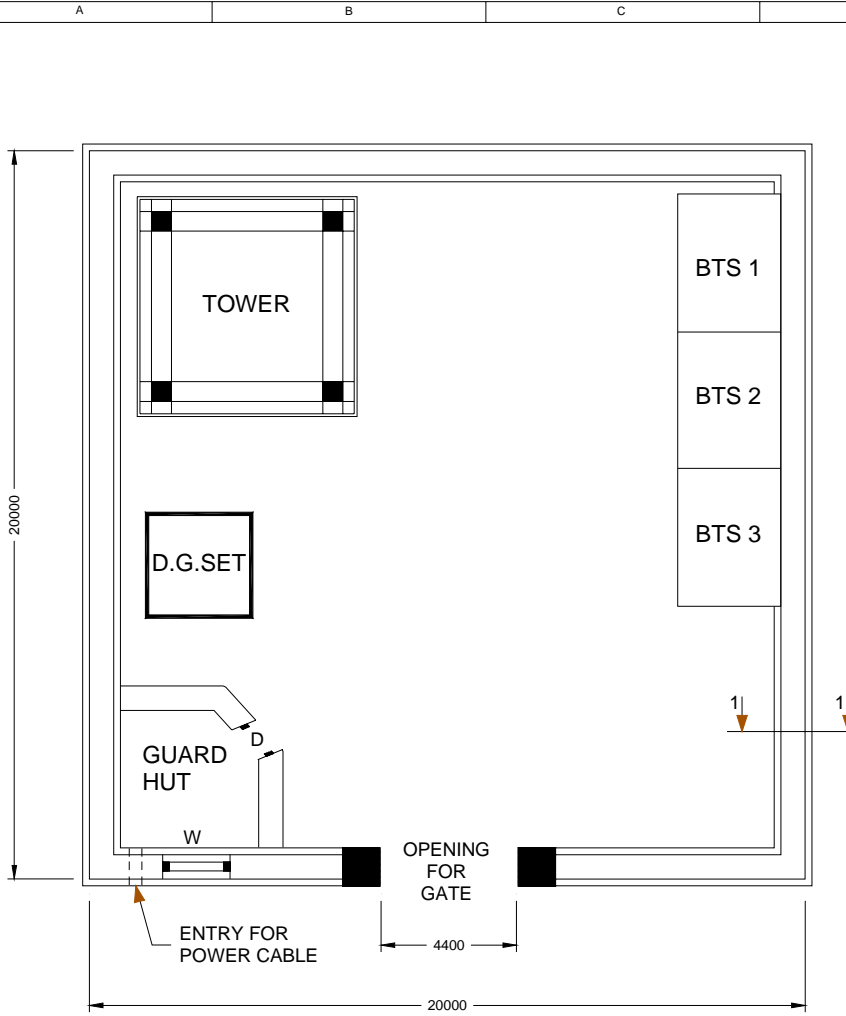
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DESIGN TOWER/TR9-1

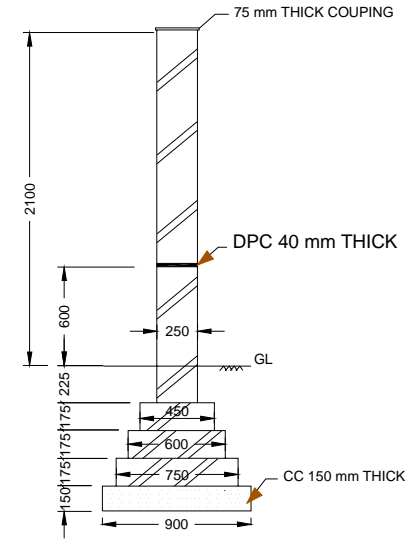


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DESIGN TOWER BOUNDARY WALL




PLAN



SECTION 1-1

ALL DIMENSIONS IN mm

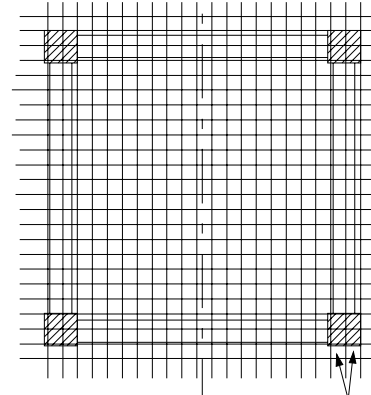
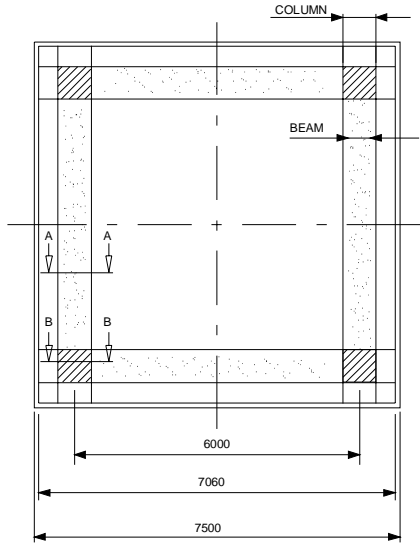
BOUNDARY WALL & GENERAL LAYOUT DETAILS (TYPICAL)

 CENTRE FOR DEVELOPMENT OF TELEMATICS C-DOT	ISSUE: 1	REV: 1
	DATE : 11-10-06	
DOCUMENTATION GROUP - DELHI	SHEET OF	

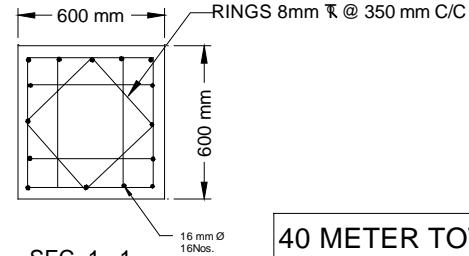
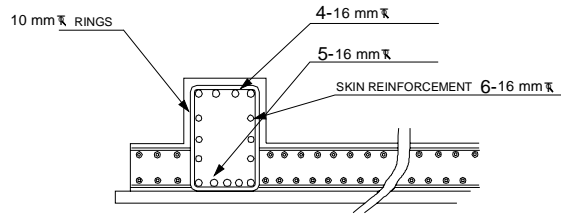
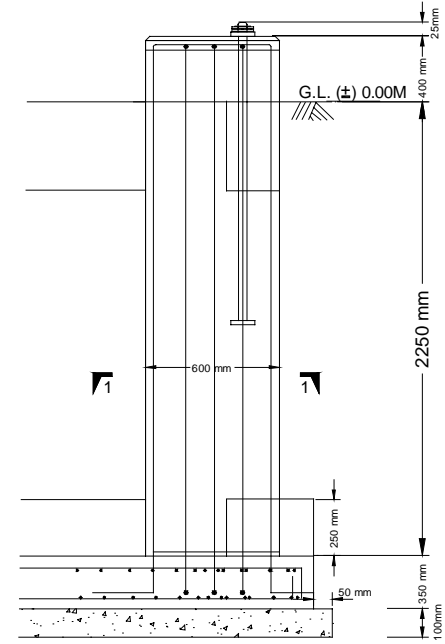
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DESIGN TOWER/TR9-2

DETAILS OF FOUNDATION FOR WIND SPEED 180 KMPH AND BEARING CAPACITY = 10MT/SQM.
SLAB REINFORCEMENT DETAILS



16 mm $\bar{\bar{\kappa}}$ @ 300 C/C IN BOTH THE DIRECTIONS
AT THE BOTTOM & TOP OF THE SLAB



40 METER TOWER RAFT FOUNDATION

CENTRE FOR DEVELOPMENT OF TELEMATICS
C-DOT

DOCUMENTATION GROUP - DELHI

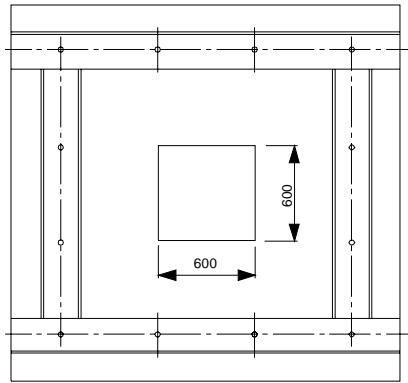
ISSUE: 1 REV: 0

DATE: 10-10-06

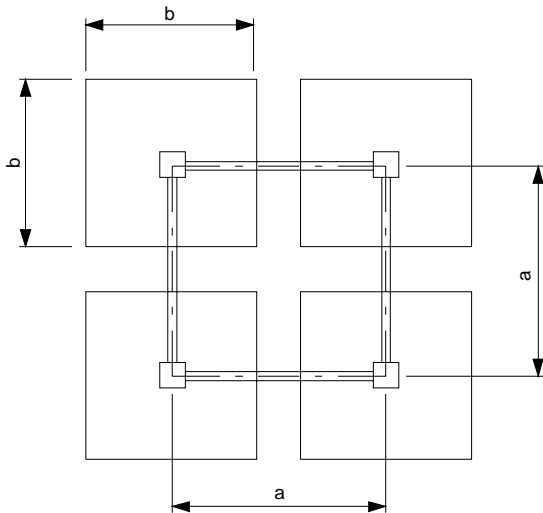
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S:\DESIGN\TOWER\TR13

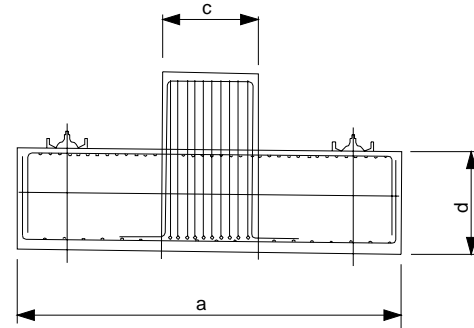


PLAN OF FOOTING



FOUNDATION PLAN

FOUNDATION DETAILS FOR SOIL HAVING ALLOWABLE BEARING CAPACITY OF 15T/m² (HARD SOIL)



DETAIL OF FOUNDATION

FOR WIND SPEED	a	b	c	d
140 kmph	5588	2500	600	1750
160, 180, 200 kmph	6000	3640	600	2500

ISOLATED FOOTING DETAILS



CENTRE FOR DEVELOPMENT
 OF TELEMATICS
 C-DOT

ISSUE: 1 REV: 1

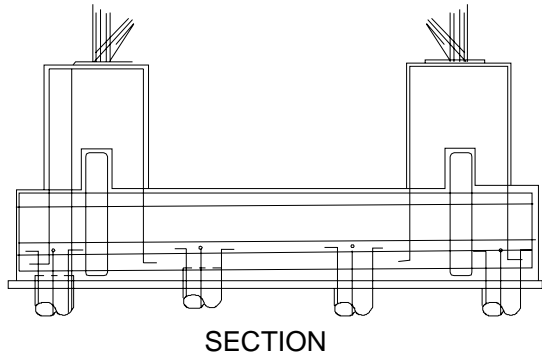
DATE : 10-10-06

DOCUMENTATION GROUP - DELHI

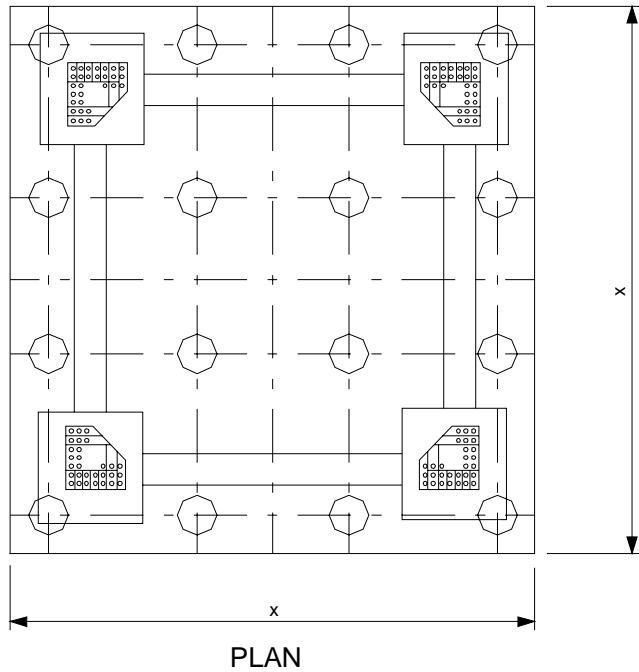
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S:\DESIGN\TOWER\TR14

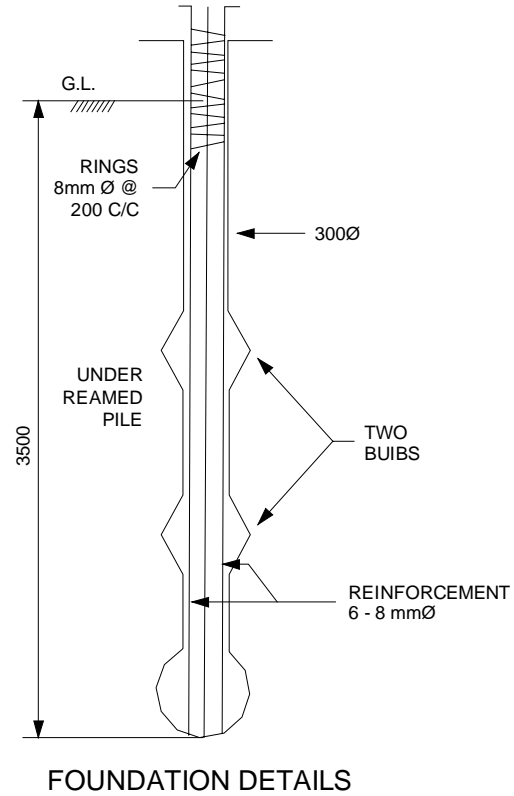


SECTION




PLAN

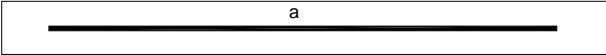
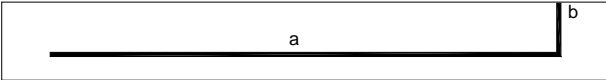
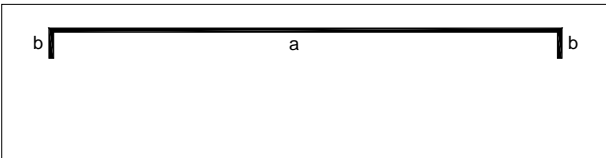
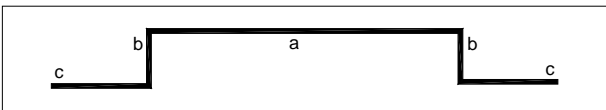
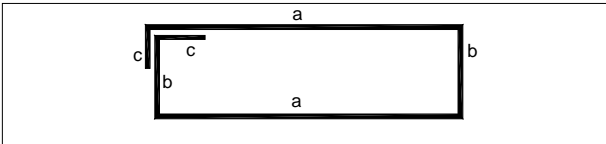
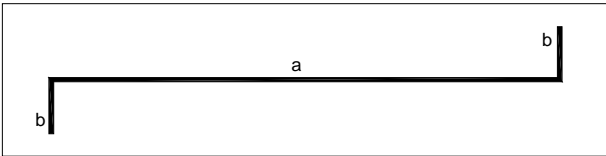

TYPICAL FOOTING DETAILS FOR SOIL HAVING LOW BEARING CAPACITY $\leq 5 \text{ T/M}^2$ OR EXPANSIVE SOIL

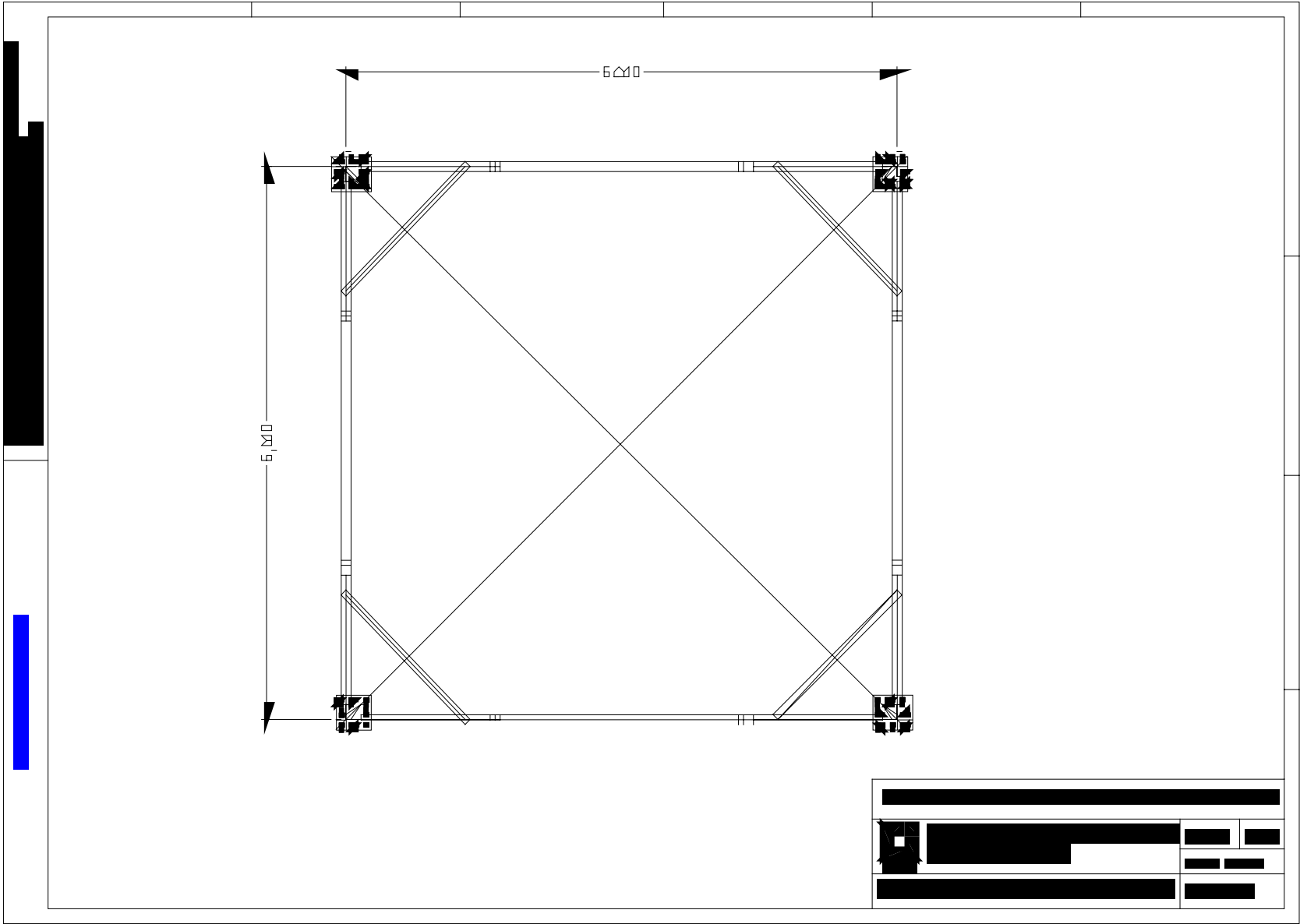


FOUNDATION DETAILS

TYPICAL DETAILS OF PILE FOUNDATION

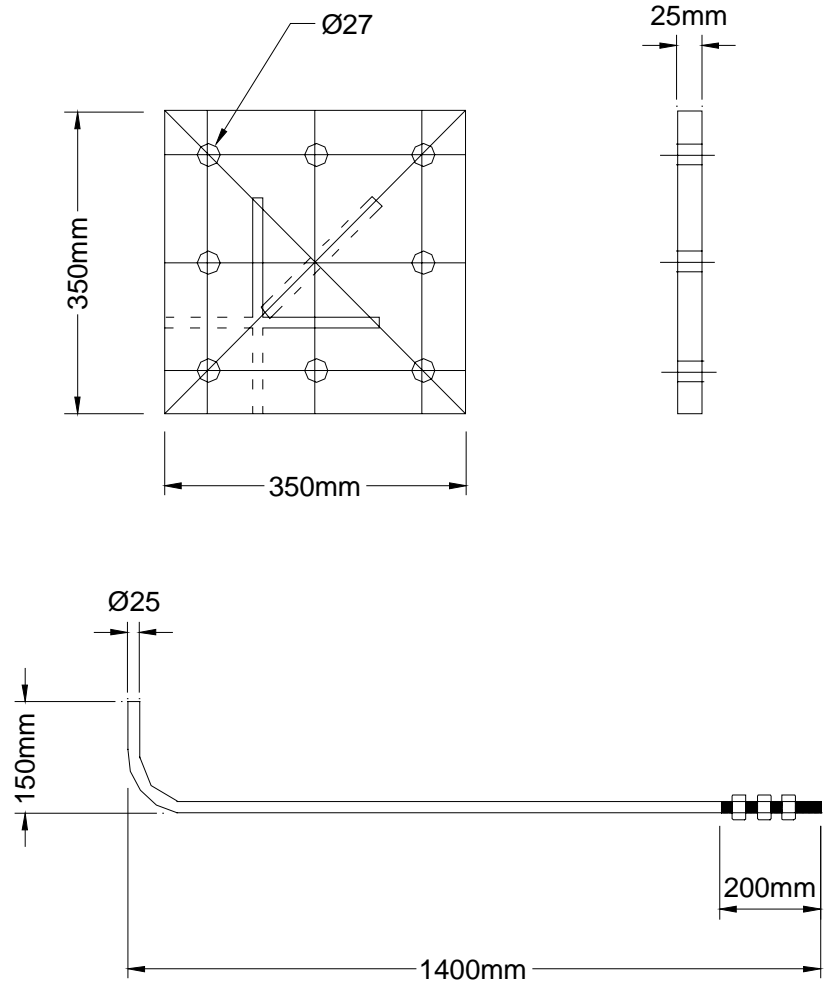
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	DATE : 07-10-06	
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A	B	C	D	E	F
SHAPE DESCRIPTION		SHAPE NAME			
		A		1	
		B			
		C		2	
		D			
		E		3	
		F			
SHAPES OF BARS				4	
 CENTRE FOR DEVELOPMENT OF TELEMATICS				ISSUE: 0	REV: 0
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DESIGN TOWER/TR12



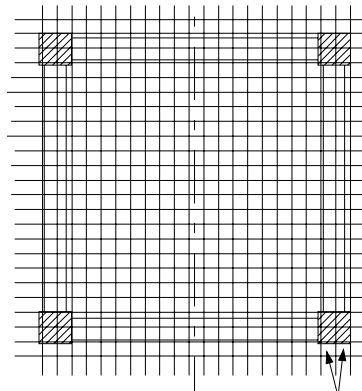
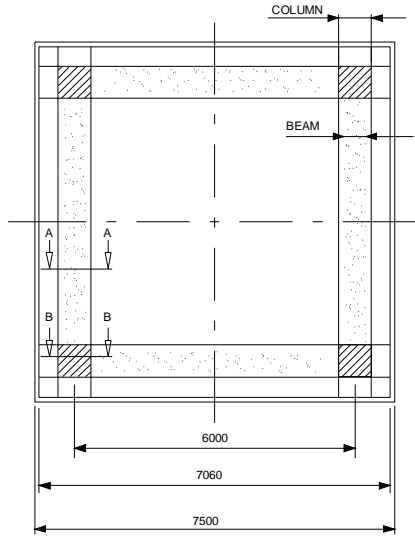
BASE PLATE AND BOLT			
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	DATE : 10-10-06		
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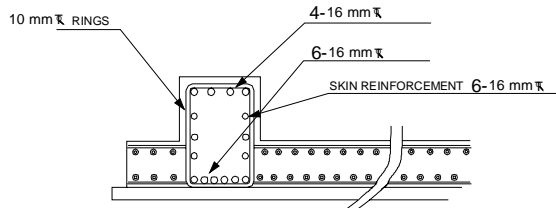
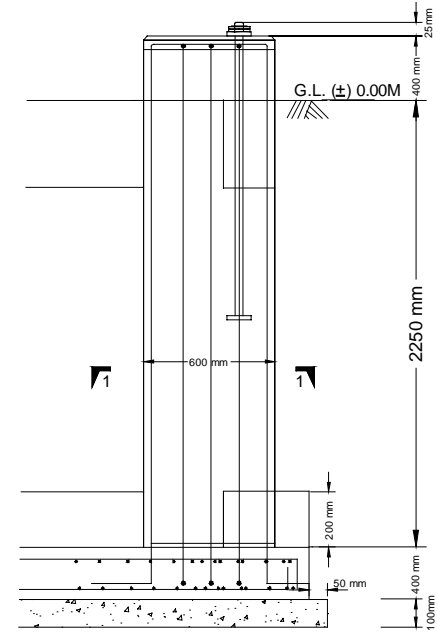
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DESIGN TOWER ITR9-3

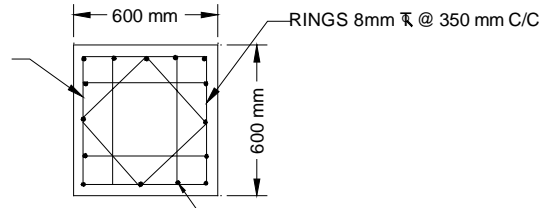
DETAILS OF FOUNDATION FOR WIND SPEED 200 KMPH AND BEARING CAPACITY = 10MT/SQM,
SLAB REINFORCEMENT DETAILS



16 mm ∇ @ 250 C/C IN BOTH THE DIRECTIONS
AT THE BOTTOM & TOP OF THE SLAB




SECTION - AA
PRIMARY BEAM



SEC. 1 - 1
(4 Nos. COL.)


40 METER TOWER RAFT FOUNDATION

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A	B	C	D	E	F
LEG. JOINT NAME	LEG LENGTH	LEGS SIZE	PANEL NO	LENGTH (METER)	DIAGONALS
PANEL TOP - HORIZONTALS	PANEL MID - HORIZONTALS	PLAN BRACING	SECONDARY MEMBERS	HIP BRACING	
PANEL NO	LENGTH (METER)	DIAGONALS	PANEL TOP - HORIZONTALS	PANEL MID - HORIZONTALS	PLAN BRACING
SECONDARY MEMBERS	HIP BRACING				
FACE WIDTH	LEVEL	PLATFORM	ADDER SUPPORT	FACE WIDTH	LEVEL
ADDER SUPPORT	FACE WIDTH	LEVEL	PLATFORM	ADDER SUPPORT	FACE WIDTH
FACE WIDTH	LEVEL	PLATFORM	ADDER SUPPORT	FACE WIDTH	LEVEL
ADDER SUPPORT	FACE WIDTH	LEVEL	PLATFORM	ADDER SUPPORT	FACE WIDTH
FACE WIDTH	LEVEL	PLATFORM	ADDER SUPPORT	FACE WIDTH	LEVEL
ADDER SUPPORT	FACE WIDTH	LEVEL	PLATFORM	ADDER SUPPORT	FACE WIDTH
FACE WIDTH	LEVEL	PLATFORM	ADDER SUPPORT	FACE WIDTH	LEVEL
ADDER SUPPORT	FACE WIDTH	LEVEL	PLATFORM	ADDER SUPPORT	FACE WIDTH
FACE WIDTH	LEVEL	PLATFORM	ADDER SUPPORT	FACE WIDTH	LEVEL
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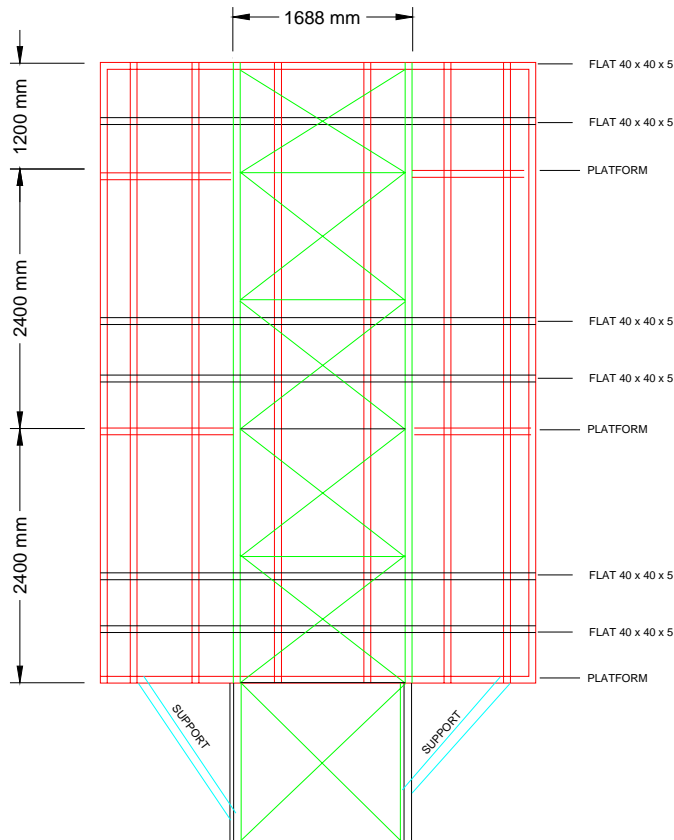
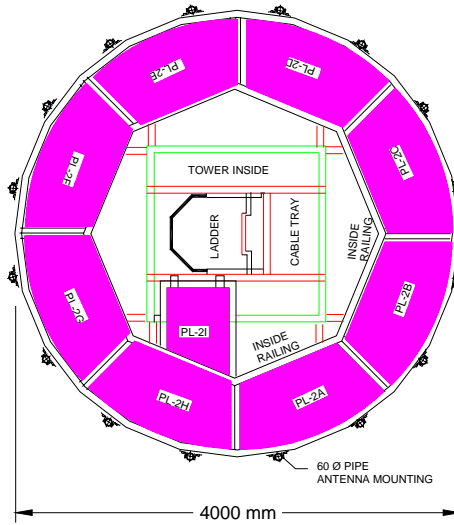
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DESIGN TOWER 140KMPH

40 METER TOWER (WIND SPEED 140 KMPH)		
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DOCUMENTATION GROUP - DELHI		DATE : 07-10-06
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DESIGN TOWER/TR7



DETAILS FOR ANTENNE SUPPORTING CAGE & PLATFORM



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DATE : 10-10-06

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