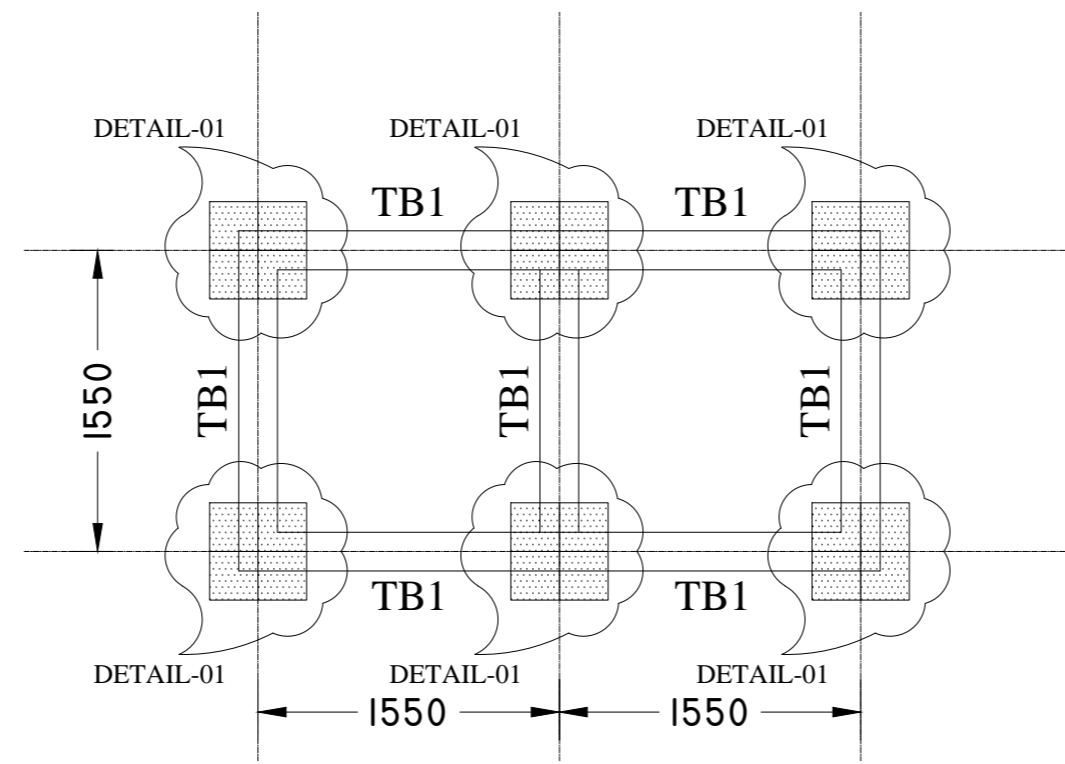


FOOTING PLAN



TIE BEAM PLAN

COLUMN SCHEDULE

M20 : Fe500 , COVER = 40mm	
T8-@150mm TIES	
COLUMN MARKED	C1

GENERAL NOTES

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- TIES SHOULD BE BEND INSIDE WITH 10# LENGTH, ANGLE 135° IN BEAM & COLUMN.

REINFORCING STEEL

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- REFER TO HIGH YIELD STRENGTH DEFORMED BARS WITH CHARACTERISTIC STRENGTH OF 500 N/SQ.MM.
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COLUMNS 40MM, FLOOR BEAM 30MM
GRADE/TIE BEAM 30MM, SLABS 20MM*
- * COVER TO SECONDARY REINFORCEMENT ALSO SHALL NOT BE LESS THAN 20MM.
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- ALL HOLES TO BE DRILLED (NOT PUNCHED) 1.5MM. LARGER IN DIAMETER THAN THAT OF BOLTS.
- ALL CLEAT OF ANGLE SECTION TO BE ISA.
- ALL WELDS TO BE PROVIDED (8MM. FILLET) FOR FULL STRENGTH.
- ALL COVER & STIFFENING PLATE ARE OF 8 MM THICK.
- FOLLOW - IS -800-2007 FOR STEEL WORK.
- YIELD STRENGTH :-250 N/MM2
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- FOLLOW - IS -2062 FOR HOT ROLLED MEDIUM AND HIGH TENSILE STRUCTURAL STEEL SPECIFICATION.
- FOLLOW- IS- 1161 FOR RECTANGULAR HOLLOW SECTION.

PROJECT SPECIFICATION

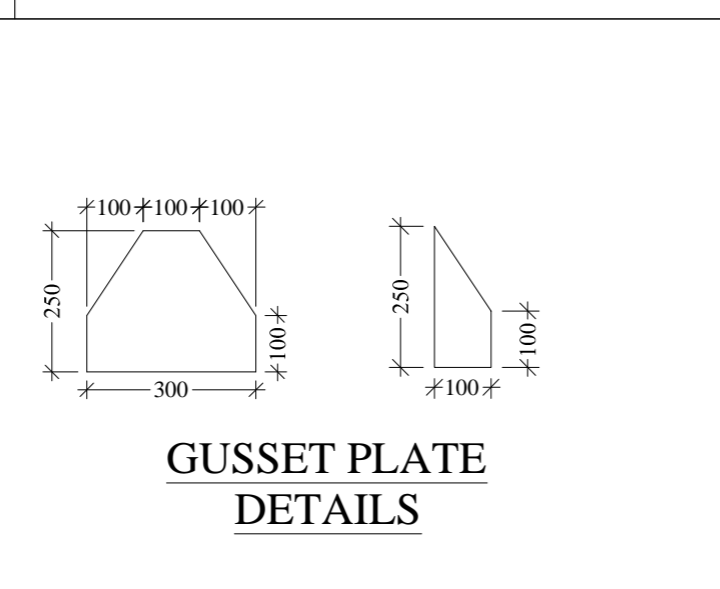
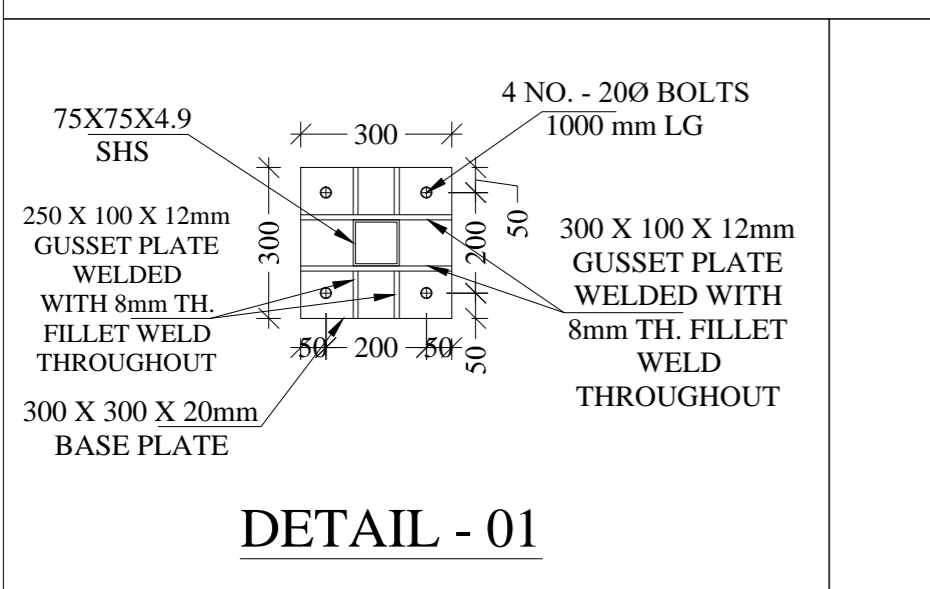
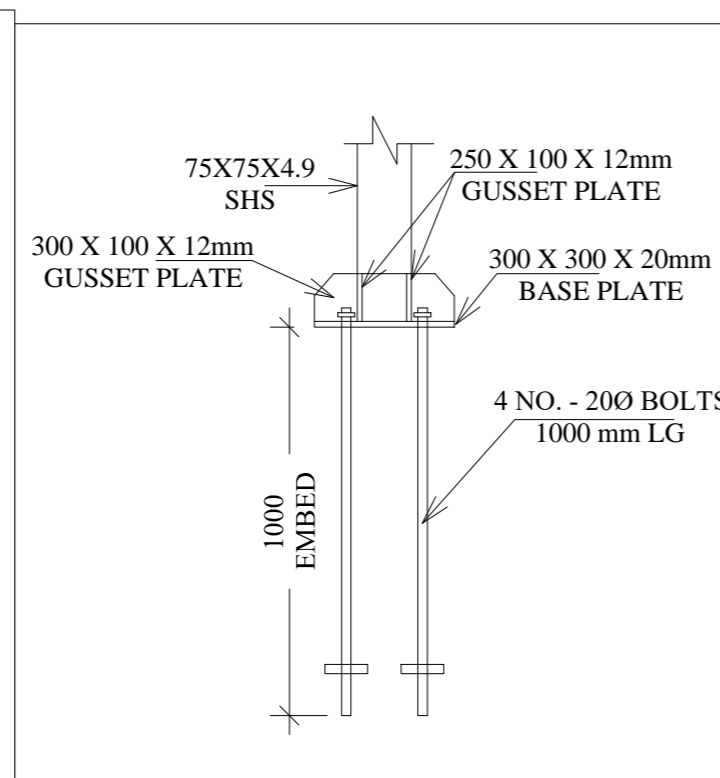
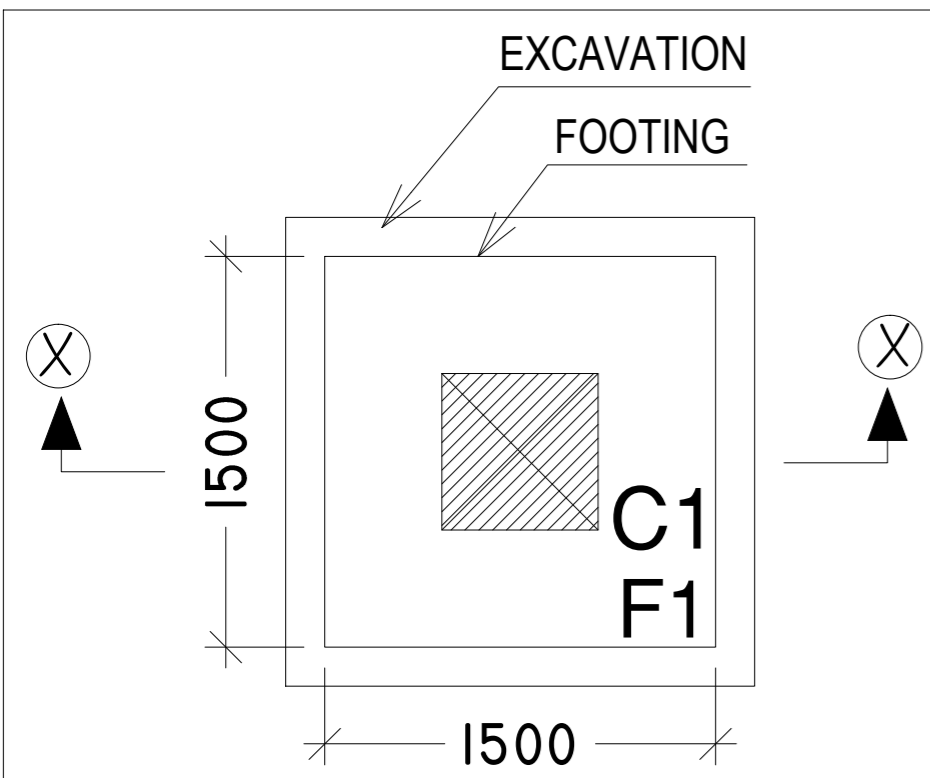
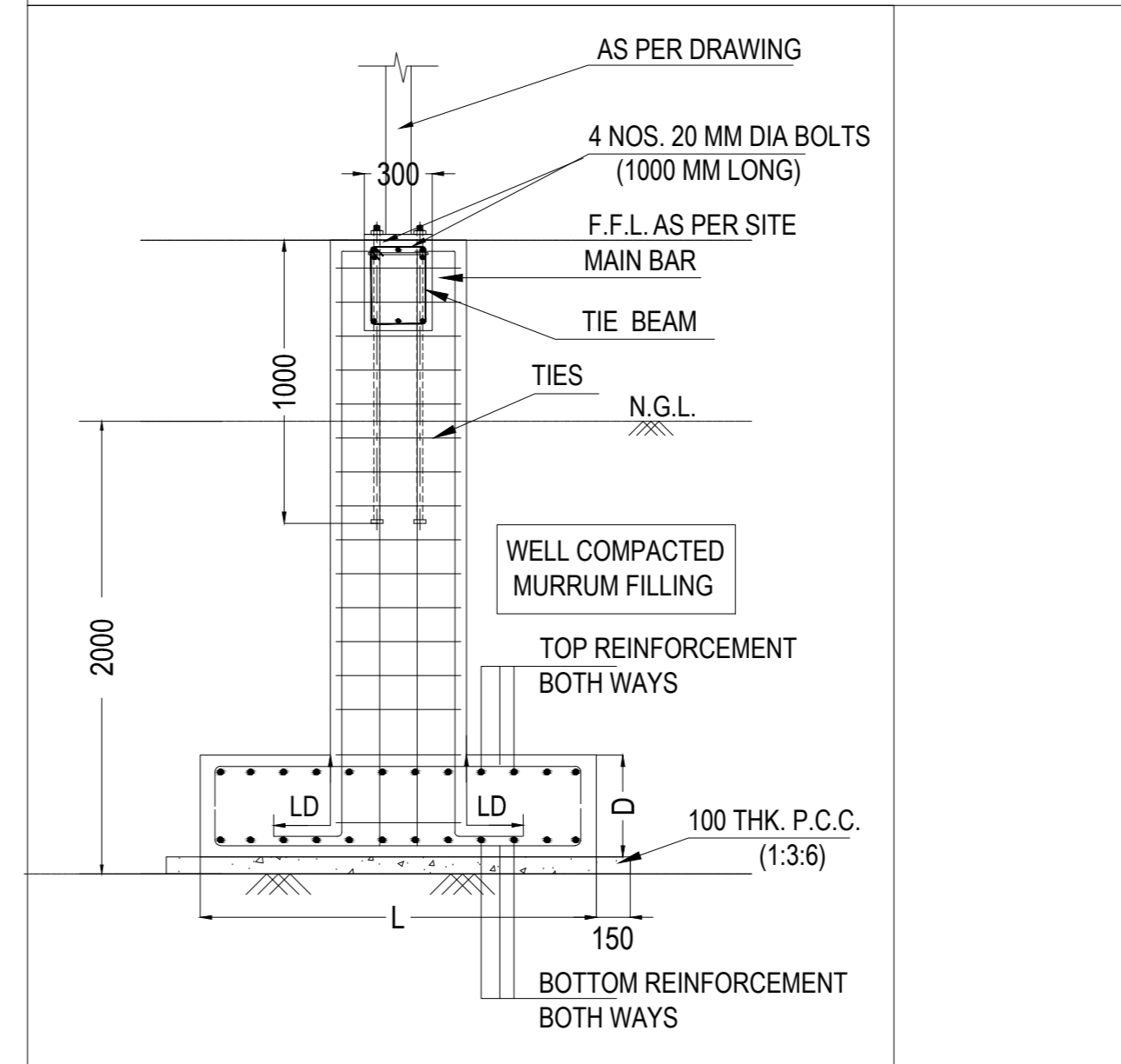
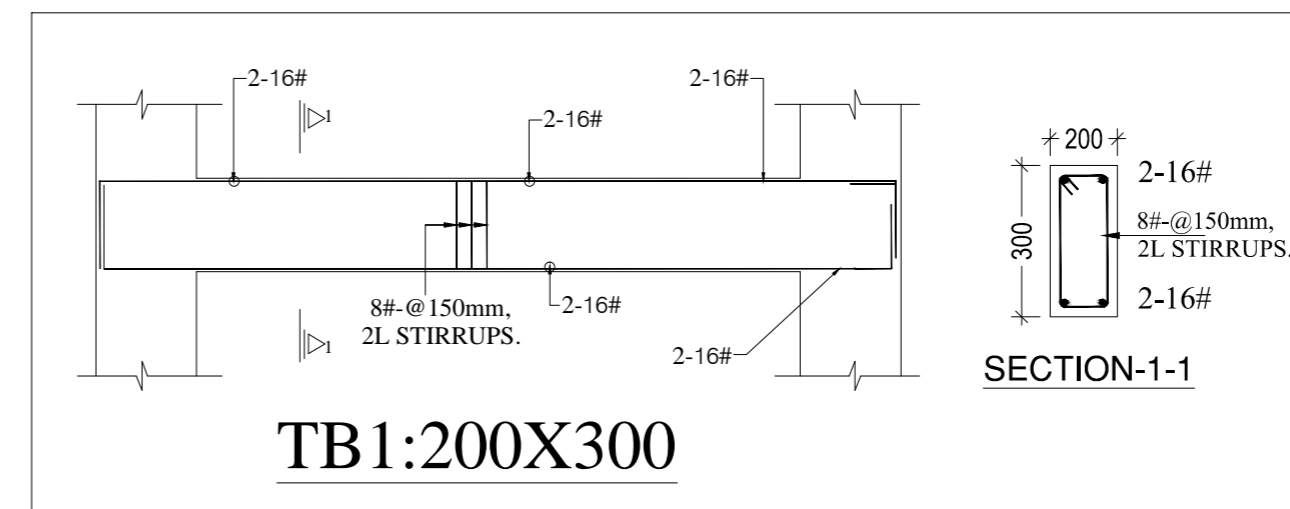
- THE NET SAFE BEARING CAPACITY OF SOIL IS TAKEN AS 9 TON/M2 AT 2.00m DEPTH FROM THE NGL.

SIGNING AUTHORITY

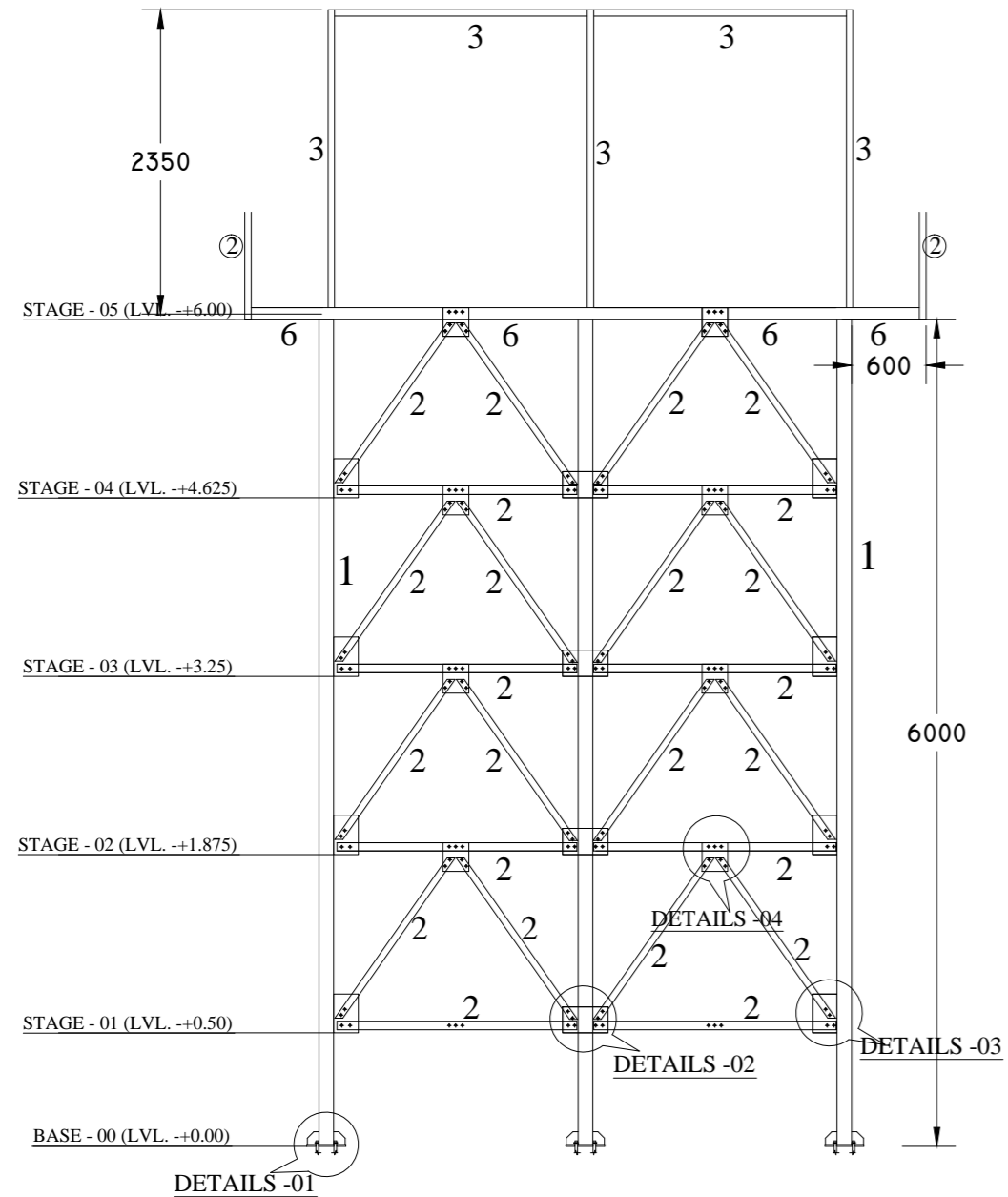
PROJECT FACILITATOR:-	PROJECT LEADER:-
SITE ENGINEER :-	CONSULTANT :-

FOOTING SCHEDULE (M20:Fe500)

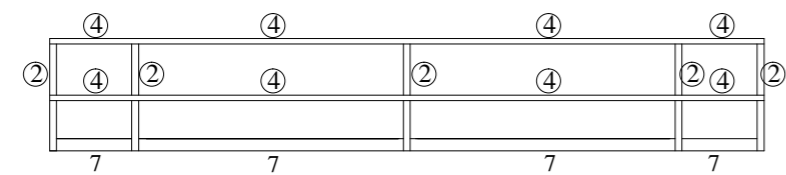
FOOTING NUMBERS	COLUMN NUMBERS	FOOTING TYPE	FOOTING DIMENSION			FOOTING REINFORCEMENT	
			L	B	TOTAL	BOTTOM	
						ALONG B	ALONG L
F1	C1	BOX	1500	1500	375	10# -@200mm	10# -@200mm



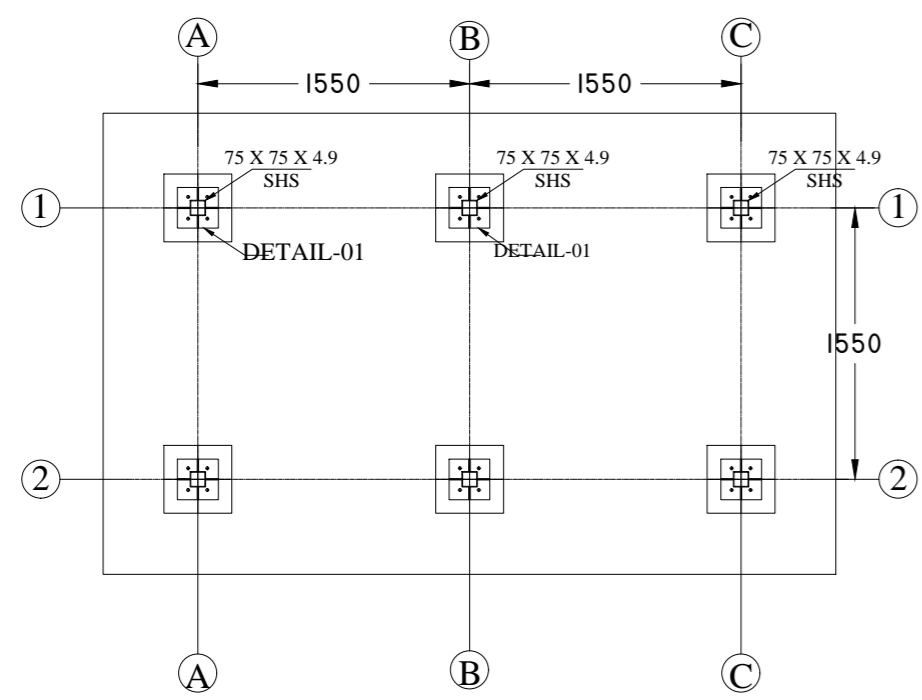
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REV	DATE	DESCRIPTION	DRAWN	CHECKED	APPROVED
STRUCTURAL CONSULTANT					
AKS Consultant Civil, Architectural & Structural Engineer ADD - 27, Janta Quarter, Chasibey Colony, Raipur (C.G.) MOB. - 73545-84955, 79992-60374, E-MAIL : abhishek.som888@gmail.com			ER. SHUBHAM BAKSHI S.Y. VENTURES B.E. (M.Tech/Structure Engineer) Address- ASHWANI NAGAR, MAHADEV GHAT ROAD, Raipur (C.G.) Mobile No- 8827861261, 7000511200		
DWG. NO. :	JS/CRAW/12/CONC-01/2022				SHEET NO. / REV.
PROJECT : CREDA, RAIPUR, 6.00 M. STAGING 5 KL WATER TANK STRUCTURE DRAWN : V.S. 04.04.2022 CHECKED : S.B. 04.04.2022 APPROVED : S.B. 04.04.2022 SCALE : N.T.S.			CLIENT DETAIL : PEDESTAL AND FOOTING DETAILS		



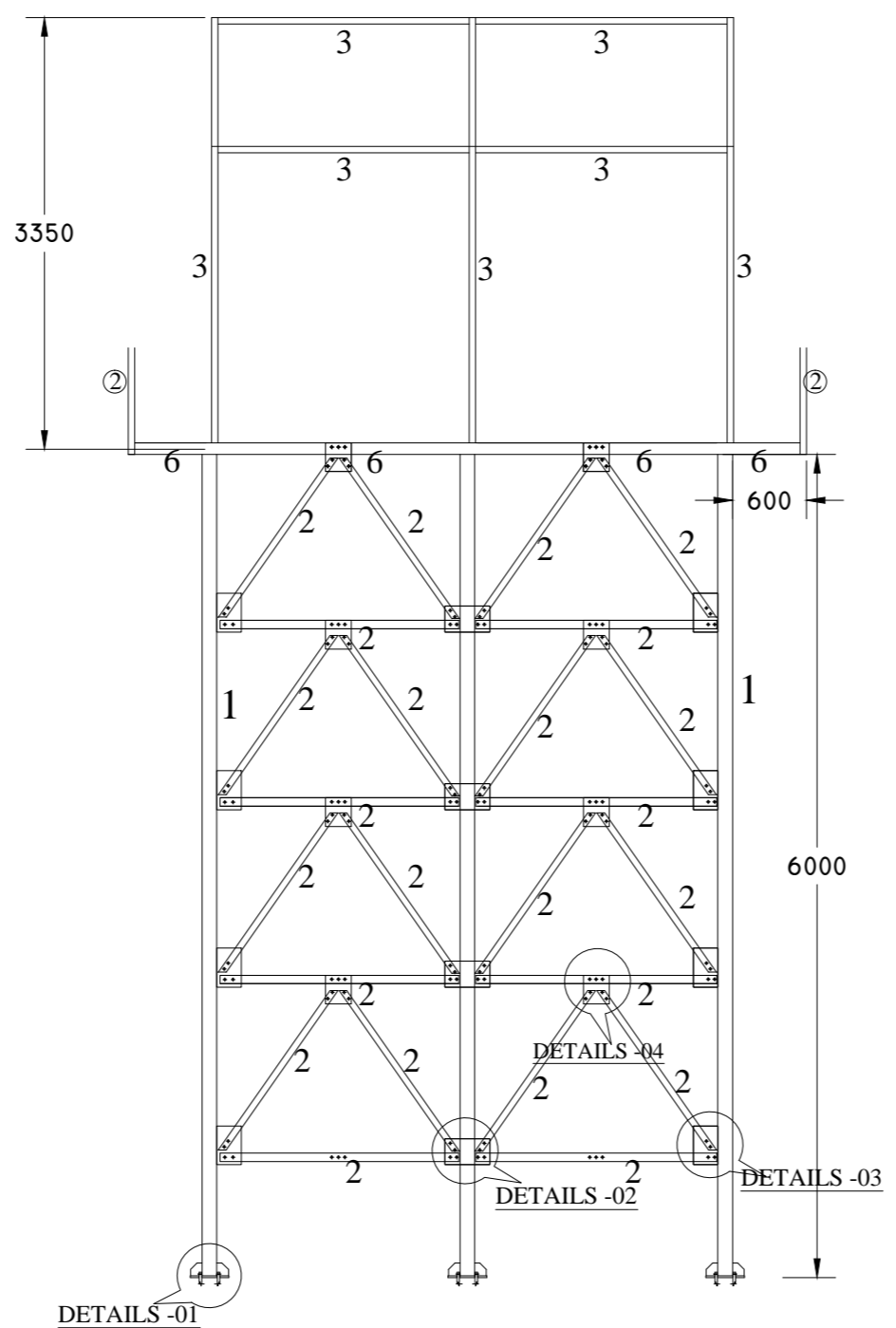
MEMBER AT 1-1



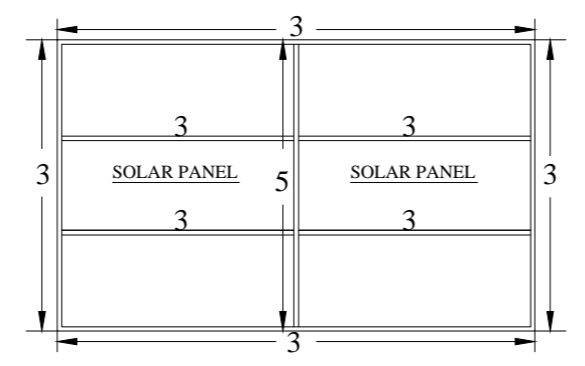
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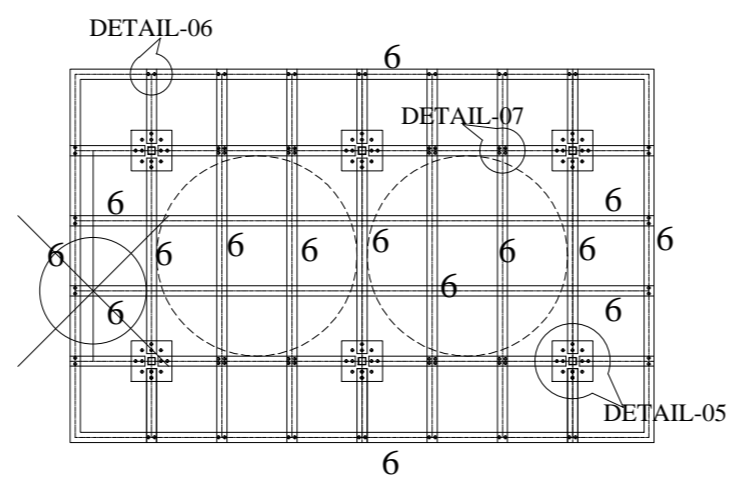
GRID PLAN



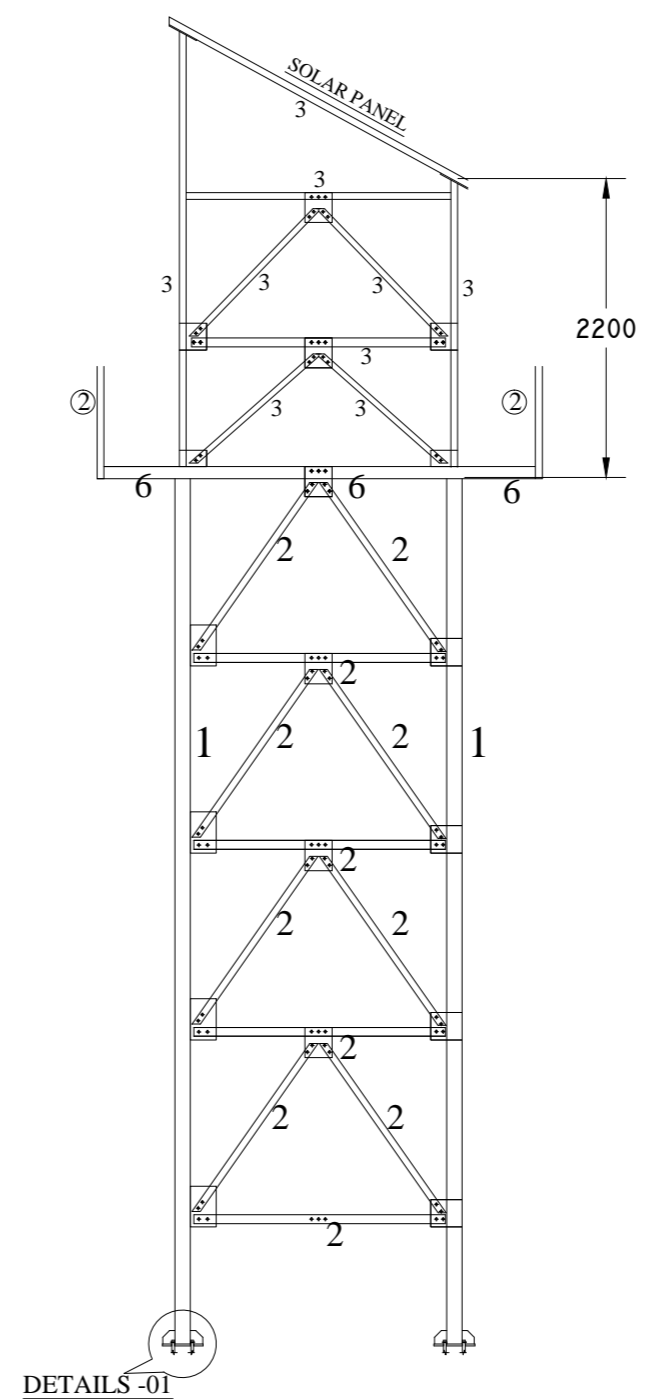
MEMBER AT 2-2



STRUCTURE FOR SOLAR PANEL WITH 6MM WELDED ALL THROUGH



DETAILS AT STAGE -05 (LVL. -+6.00) DOTTED LINE REPRESENTS POSITION OF 2NOS. OF 5KL WATER TANK



MEMBER AT A-A, B-B & C-C

SECTION DETAILS

S.NO.	PARTICULAR	WEIGHT
01	SHS 75 X 75 X 4.9	10.30 kg/m
02	ISA 50X50X5	3.80 kg/m
03	SHS 49.5 X 49.5 X 3.6	4.93 kg/m
04	ISA 40 X 40 X 5	3.00 kg/m
05	SHS 63.5 X 63.5 X 3.6	6.51 kg/m
06	ISA 75 X 75 X 10	11.00 kg/m

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GRADE/TIE BEAM 30MM, SLABS 20MM*
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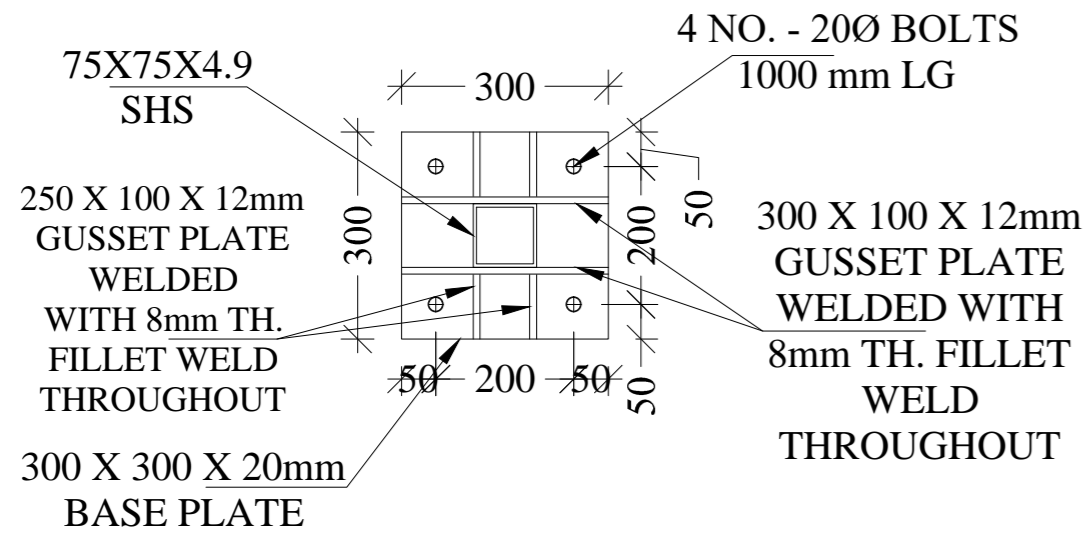
PROJECT SPECIFICATION

- THE NET SAFE BEARING CAPACITY OF SOIL IS TAKEN AS 9 TON/M2 AT 2.00m DEPTH FROM THE NGL.

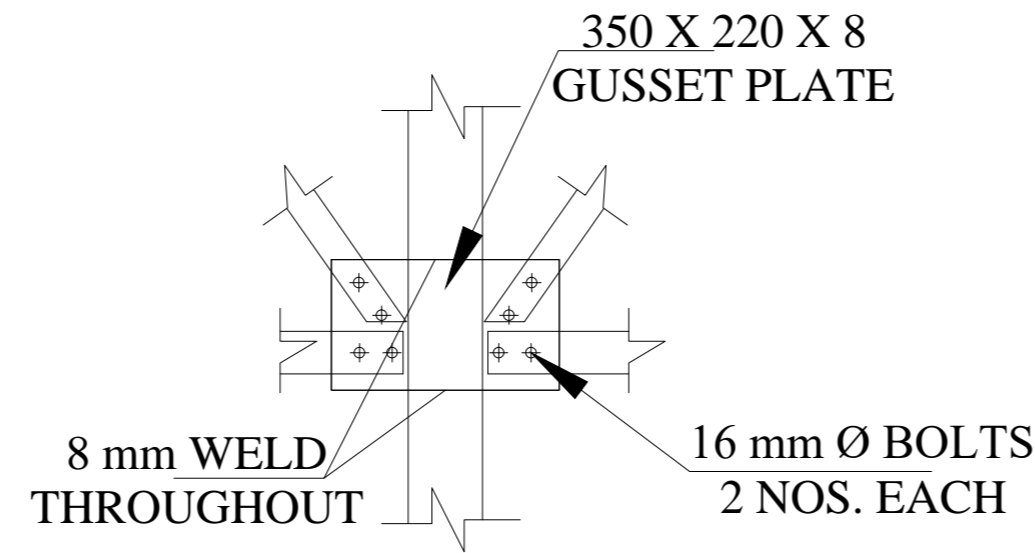
SIGNING AUTHORITY

PROJECT FACILITATOR:-	PROJECT LEADER:-
SITE ENGINEER :-	CONSULTANT :-

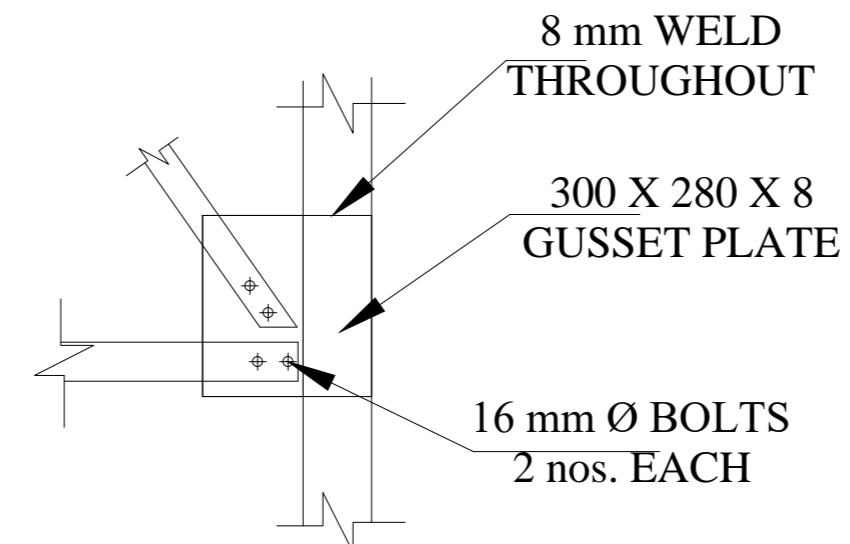
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REV	DATE	DESCRIPTION	DRAWN	CHECKED	APPROVED
STRUCTURAL CONSULTANT					
AKS Consultant Civil, Architectural & Structural Engineer ADD - 27, Janta Quarter, Choushey Colony, Raipur (C.G.) MOB. - 73545-84955, 79992-60374, E-MAIL. : abhishek.som888@gmail.com			ER. SHUBHAM BAKSHI S.Y. VENTURES B.E. .M.Tech(Structure Engineer) Address- ASHWANI NAGAR, MAHADEV GHAT ROAD, Raipur (C.G.) Mobile No- 8827861261, 7000511200		
DWG. NO. :	JS/CRAW/STEEL-02/2022				SHEET NO. REV.
CLIENT DETAIL					
PROJECT	CREDA, RAIPUR, 6.00 M. STAGING 5 KL WATER-TANK STRUCTURE				
DRAWN	V.S. 04.04.2022				
CHECKED	S.B. 04.04.2022				
APPROVED	S.B. 04.04.2022				
SCALE	N.T.S.				
			COMPLETE STRUCTURAL DETAILS		



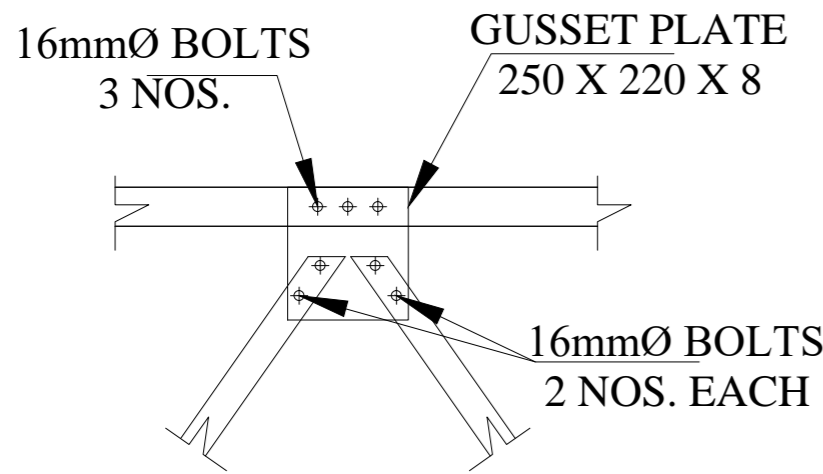
DETAIL - 01



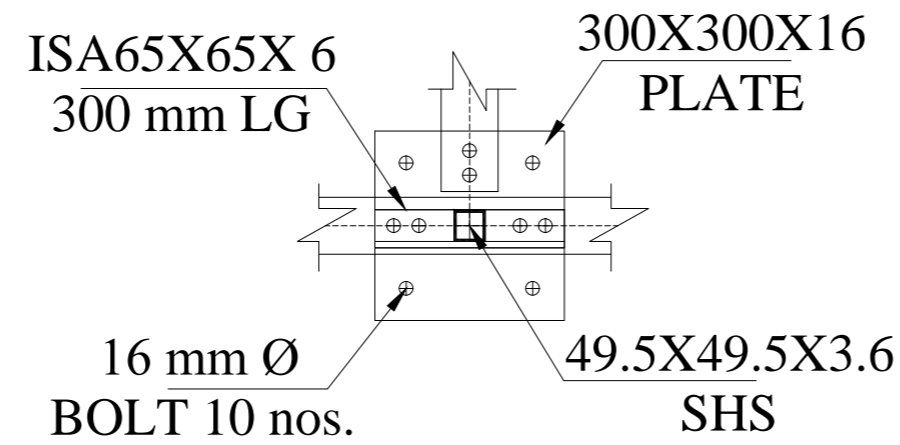
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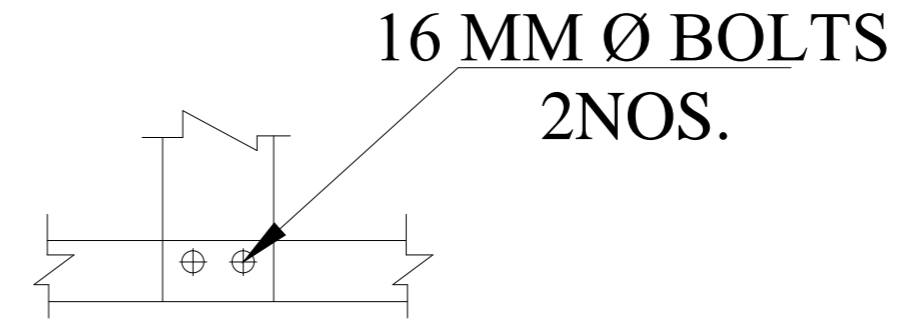
DETAIL - 03



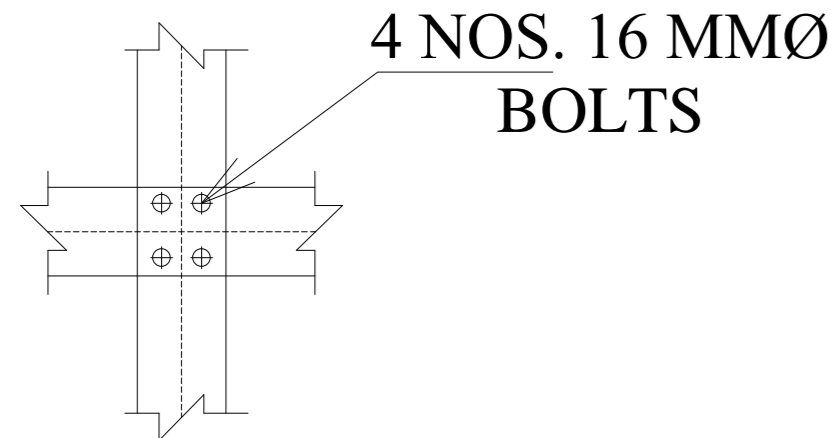
DETAIL - 04



DETAIL - 05



DETAIL - 06



DETAIL - 07

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PROJECT SPECIFICATION

1. THE NET SAFE BEARING CAPACITY OF SOIL IS TAKEN AS 9 TON/M2 AT 2.00m DEPTH FROM THE NGL.

SIGNING AUTHORITY

PROJECT FACILITATOR:-	PROJECT LEADER:-
SITE ENGINEER :-	CONSULTANT :-

0	04.04.2022	ISSUED FOR APPROVAL	V.S.	S.B.	S.B.
REV	DATE	DESCRIPTION	DRAWN	CHECKED	APPROVED

AKS Consultant
 Civil, Architectural & Structural Engineer
 ADD - 27, Janta Quarter, Chasibey
 Colony, Raipur (C.G.)
 MOB. - 73545-84955, 79992-60374,
 E-MAIL. : abhishek.som888@gmail.com

ER. SHUBHAM BAKSHI
 S.Y. VENTURES
 B.E. .M.Tech(Structure Engineer)
 Address- ASHWANI NAGAR, MAHADEV
 GHAT ROAD, Raipur (C.G.)
 Mobile No- 8827861261, 7000511200

DWG. NO. :	JS/CRAW/STEEL-03/2022	SHEET NO.	REV.
PROJECT	CREDA, RAIPUR, 6.00 M. STAGING 5 KL WATER TANK STRUCTURE		
DRAWN	V.S. 04.04.2022		
CHECKED	S.B. 04.04.2022		
APPROVED	S.B. 04.04.2022	CONNECTION DETAILS	
SCALE	N.T.S.		