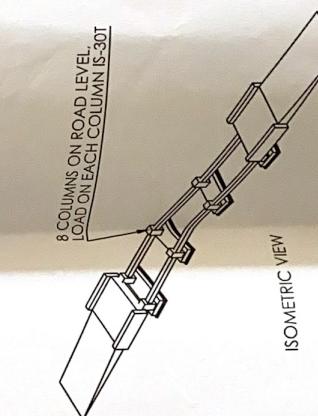


Beam size - 300 x 300

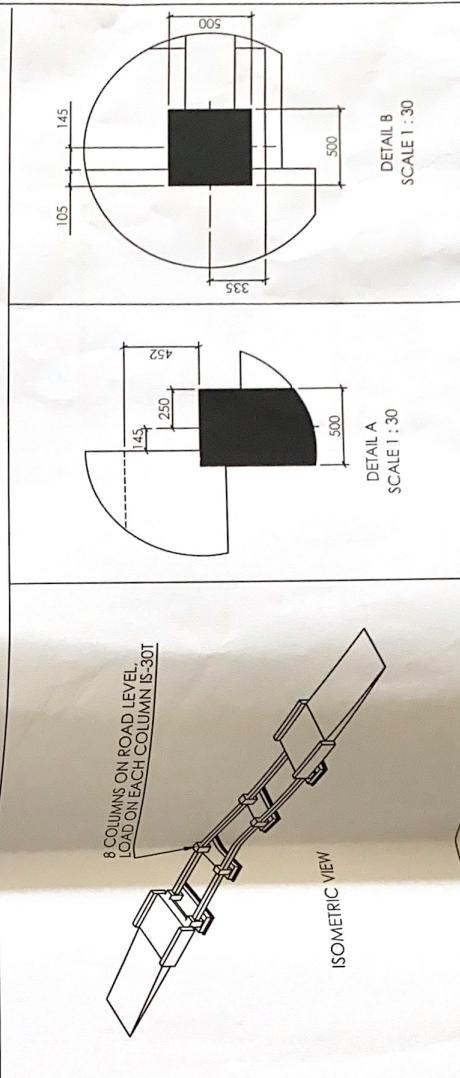


8 COLUMNS ON ROAD LEVEL
LOAD ON EACH COLUMN IS 30T



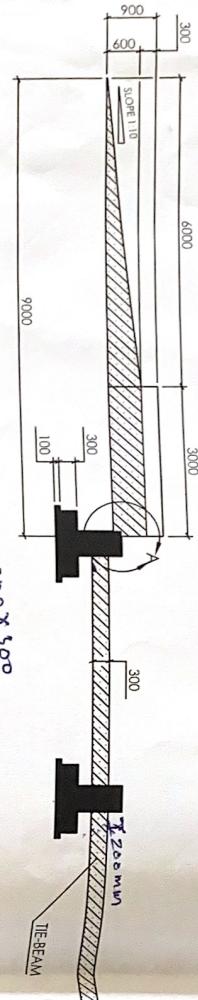
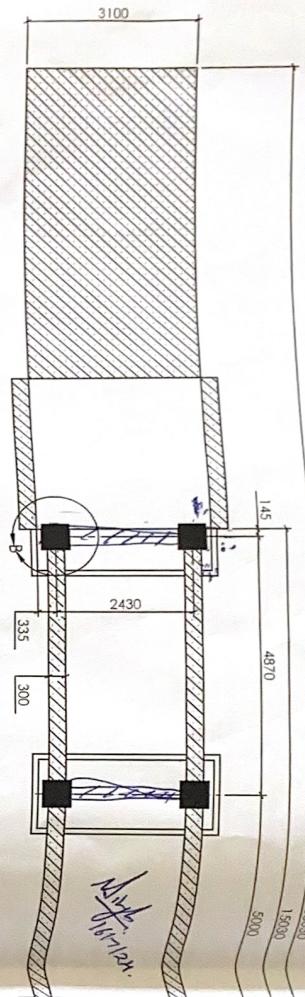
ISOMETRIC VIEW

- NOTES:
1. ALL DIMENSIONS ARE IN MM. REMOVE ALL SHARP CORNERS, UNMENTIONED CHAMFER IS 1x45°.
 2. THE PIT DESIGN IS BASED ON UNIFORM SOIL CONDITIONS HAVING MINIMUM BEARING CAPACITY OF 10KPa. IF THERE IS ANY DEVIATION, REINFORCEMENTS SHOULD BE ADDED. THE BACK FILLING SOIL SHOULD BE DUG OUT UNTIL THE CLAYEY SOIL WITH NORMAL BEARING CAPACITY NOT LESS THAN 100KPa AND SHOULD BE FILLED BY CRUSHED STONES.
 3. WHILE DESIGNING OF EACH 8 COLUMNS LOAD ON EACH COLUMN SHOULD BE 30T. THE CROSS SECTION OF EACH COLUMN SHOULD BE 500 X 500 .
 4. ALL BASE PLATES ON COLUMNS MUST BE IN ONE PLANE AND AT THE ACTUAL ROAD LEVEL.
 5. THE PEAK HEIGHT OF RAMP MUST BE 452 MM FROM THE ACTUAL ROAD LEVEL.
 6. THE CASTING OF THE RAMP SHOULD BE DONE AFTER COMPLETE INSTALLATION OF THE WEIGHBRIDGE.
 7. DISTANCE BETWEEN COLUMNS SHOULD BE MAINTAINED STRICTLY AS PER THE DRAWING.
 8. THE RELATIVE TOLERANCE IN DIMENSION (FRONT/BACK/LEFT/RIGHT/DIAGONAL) SHOULD BE LESS THAN OR EQUAL TO +/-10MM.
 9. THE CONCRETE GRADE SHOULD BE DECIDED AND DISCUSSED WITH THE CIVIL ENGINEER/CONSULTANT AS PER THE COLUMN LOAD.
 10. THE HORIZONTAL CENTER LINE DISTANCE BETWEEN THE COLUMN IS 2430 MM.
 11. SECTION DETAIL OF COLUMN FOR CIVIL CONSTRUCTION ARE ATTACHED IN SHEET NO. 2
 12. ANGLE TO BE GROUNDED IN THE RAMP SHOULD BE PREPARED BY THE CUSTOMER TO PREVENT DAMAGE OF EDGES.



REV.	DATE	DESCRIPTION	REVISION
R0	23/12/2020	—	TJ
DRAWN	TJ	SHEET - 1 OF 7	BY APPROV'D
CHKD	AJ	SCALE - N.T.S.	DETAIL B
APPPVD		WD NO -	SCALE 1 : 30
		DWG NO -	DETAIL A
		AI-WB-PL-1503-FD	SCALE 1 : 30
		SHEET SIZE - A3	REVISION - R0

KANPUR SCALECARE

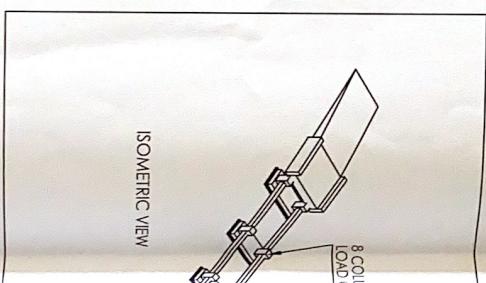


Beam size - 300 x 300

Handwritten notes:

Ramp 8 mm @ 20% / C
16 mm

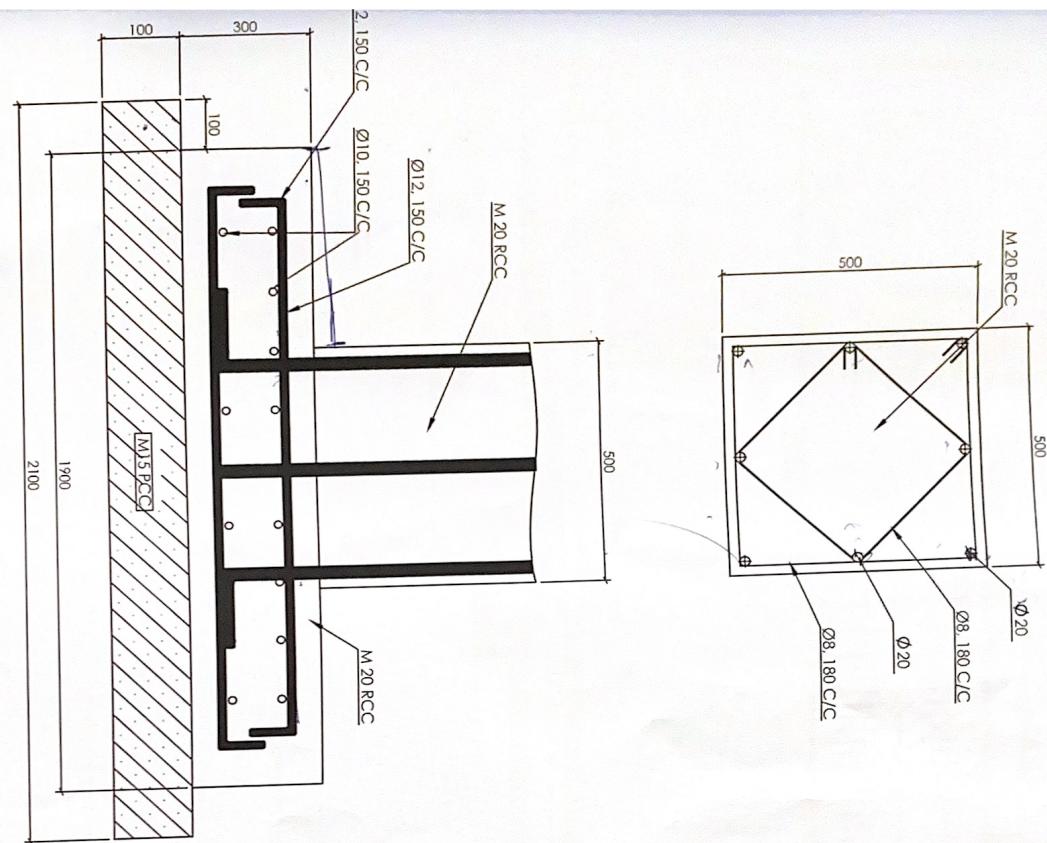
300
TIE BEAM
300



ISOMETRIC VIEW

NOTES:

1. ALL DIMENSIONS ARE IN MM. REMOVE ALL SHARP CORNERS. UNMENTIONED CHAMFER IS 1x45°.
2. THE PIT DESIGN IS BASED ON UNIFORM SOIL CONDITIONS HAVING MINIMUM BEARING CAPACITY OF 100KPa. IF THERE IS ANY DEVIATION, REINFORCEMENTS SHOULD BE ADDED. THE BACK FILLING SOIL SHOULD BE DUG OUT UNTIL THE CLAYEY SOIL WITH NORMAL BEARING CAPACITY NOT LESS THAN 100KPa AND SHOULD BE FILLED BY CRUSHED STONES.
3. WHILE DESIGNING OF EACH 8 COLUMNS LOAD ON EACH COLUMN SHOULD BE 30T. THE CROSS SECTION OF EACH COLUMN SHOULD BE 300 X 300 .
4. ALL BASE PLATES ON COLUMNS MUST BE IN ONE PLANE AND AT THE ACTUAL ROAD LEVEL..
5. THE PEAK HEIGHT OF RAMP MUST BE 452 MM FROM THE ACTUAL ROAD LEVEL.
6. THE CASTING OF THE RAMP SHOULD BE DONE AFTER COMPLETE INSTALLATION OF THE WEIGHBRIDGE.
7. DISTANCE BETWEEN COLUMNS SHOULD BE MAINTAINED STRICTLY AS PER THE DRAWING.
8. THE RELATIVE TOLERANCE IN DIMENSION (FRONT/BACK/LEFT/RIGHT/DIAGONAL) SHOULD BE LESS THAN OR EQUAL TO +/-10MM.
9. THE CONCRETE GRADE SHOULD BE DECIDED AND DISCUSSED WITH THE CIVIL ENGINEER/CONSULTANT AS PER THE COLUMN LOAD.
10. THE HORIZONTAL CENTER LINE DISTANCE BETWEEN THE COLUMN IS 2430 MM.
11. SECTION DETAIL OF COLUMN FOR CIVIL CONSTRUCTION ARE ATTACHED IN SHEET NO. 2
12. ANGLE TO BE GROUNDED IN THE RAMP SHOULD BE PREPARED BY THE CUSTOMER TO PREVENT DAMAGE OF EDGES.



FOOTING CROSS-SECTION DETAIL

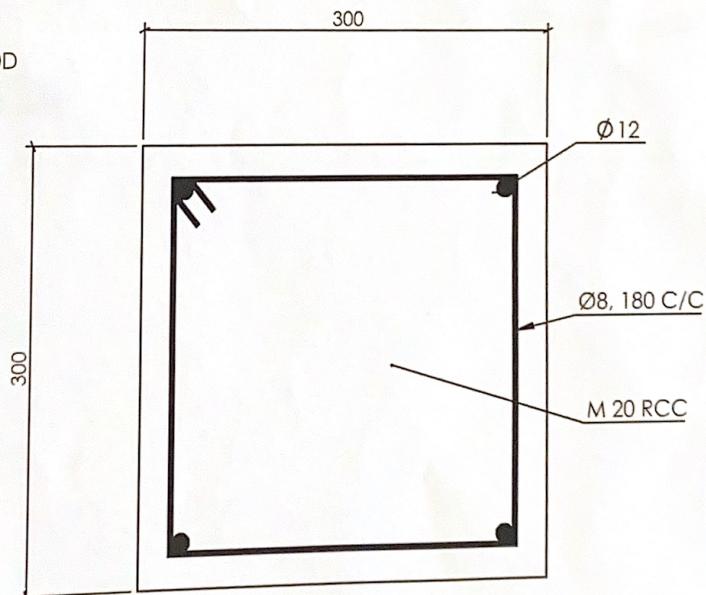
- FILLING SOIL SHOULD BE DUG OUT UNTIL THE CLAYEY SOIL WITH NORMAL BEARING CAPACITY NOT LESS THAN AND SHOULD BE FILLED BY CRUSHED STONES.
- SIGNING EACH OF 8 COLUMNS, LOAD ON EACH COLUMN IS ASSUMED TO BE 30T. THE CROSS-SECTION OF COLUMN SHOULD BE 500 X 500 .
- PLATES ON COLUMNS MUST BE IN ONE PLANE AND AT THE ACTUAL ROAD LEVEL
- ING OF THE RAMPS SHOULD BE DONE AFTER COMPLETE INSTALLATION OF THE WEIGHBRIDGE.
- ES BETWEEN THE COLUMNS SHOULD BE MAINTAINED STRICTLY AS PER THE DRAWING.
- IVE TOLERANCE IN DIMENSION (FRONT/BACK/LEFT/RIGHT/DIAGONAL) SHOULD BE LESS THAN OR EQUAL TO
- CRETE GRADE SHOULD BE DECIDED AND DISCUSSED WITH THE CIVIL ENGINEER/CONSULTANT AS PER THE LOAD.
- ONTAL CENTRE LINE DISTANCE BETWEEN THE COLUMNS IS 2430 MM.
- O BE GROUTED IN THE RAMP SHOULD BE PREPARED BY CUSTOMER TO PREVENT DAMAGE OF EDGES.
- CRETE IS OF GRADE M-20, EXCEPT PCC WHICH IS M-15.
- RCED STEEL IS OF GRADE Fe-500.
- ION MUST BE RESTED ON SOIL WITH SBC MORE THAN 10T/m².

OVER-
1: 30mm
JMN : 40mm
ING : 50mm
CEMENT COVER BLOCKS TO BE USED)

TH:-
MN : 40D ("D"=BAR DIAMETER)
:55D

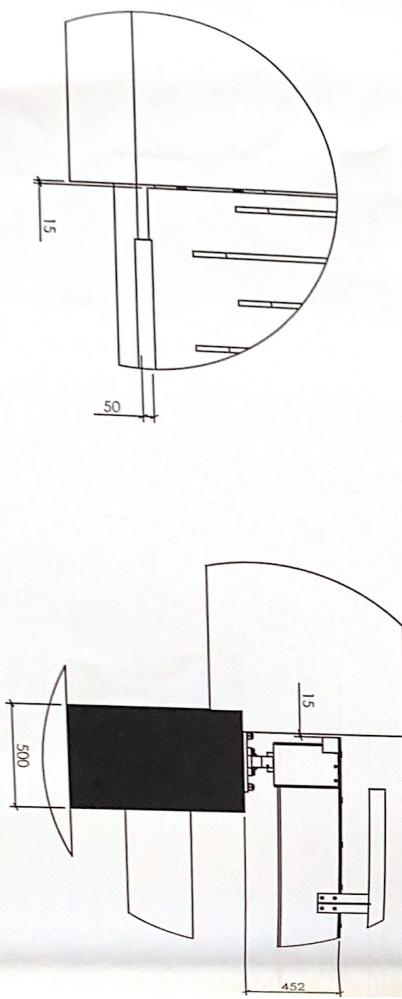
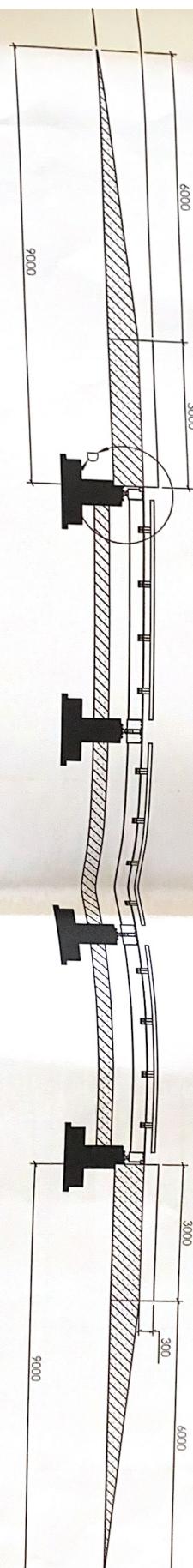
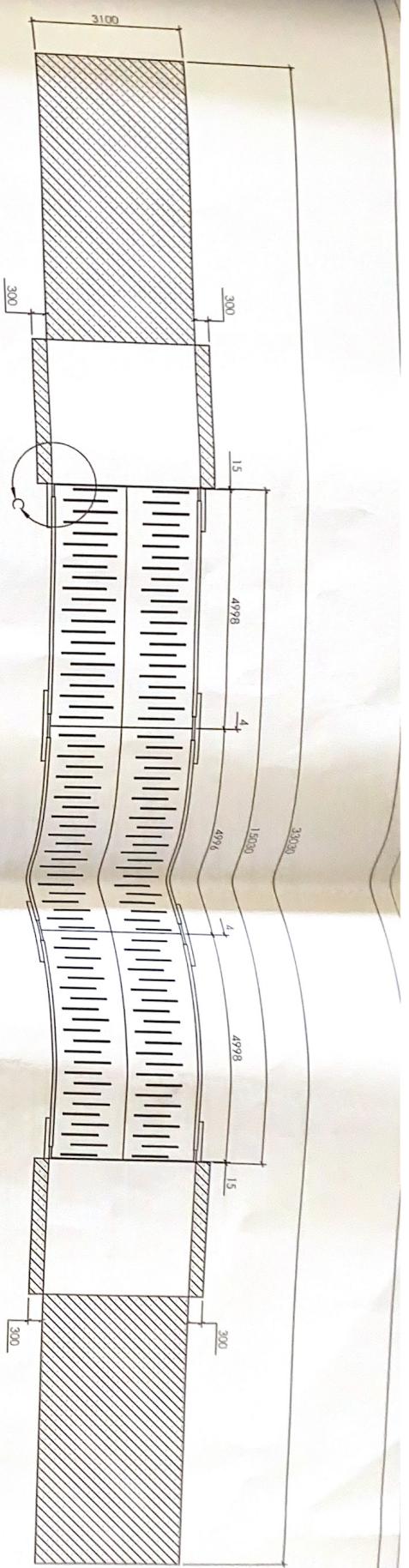
AGE LENGTH : 16D

REINFORCEMENT LENGTH : 50D



BEAM CROSS-SECTION DETAIL

R0	23/12/2020	DESCRIPTION			TJ	
REV.	DATE	REVISION			BY	APPV'D
	NAME	SIGN.		TITLE 15X3 8LC PL WITH SR FOUNDATION DRW		
DRAWN	TJ			WB ID:-	---	
CHK'D	AJ		SHEET:- 2 OF 7	CAD REF.-	8LC PITLESS ASSM	
APPV'D			SCALE:- N.T.S.	DWG NO.		
AI-WB-PL-1503-FD						
KANPUR SCALECARE						
NOT TO BE COPIED OR USED OR COPIED WITHOUT OWNER'S PERMISSION						

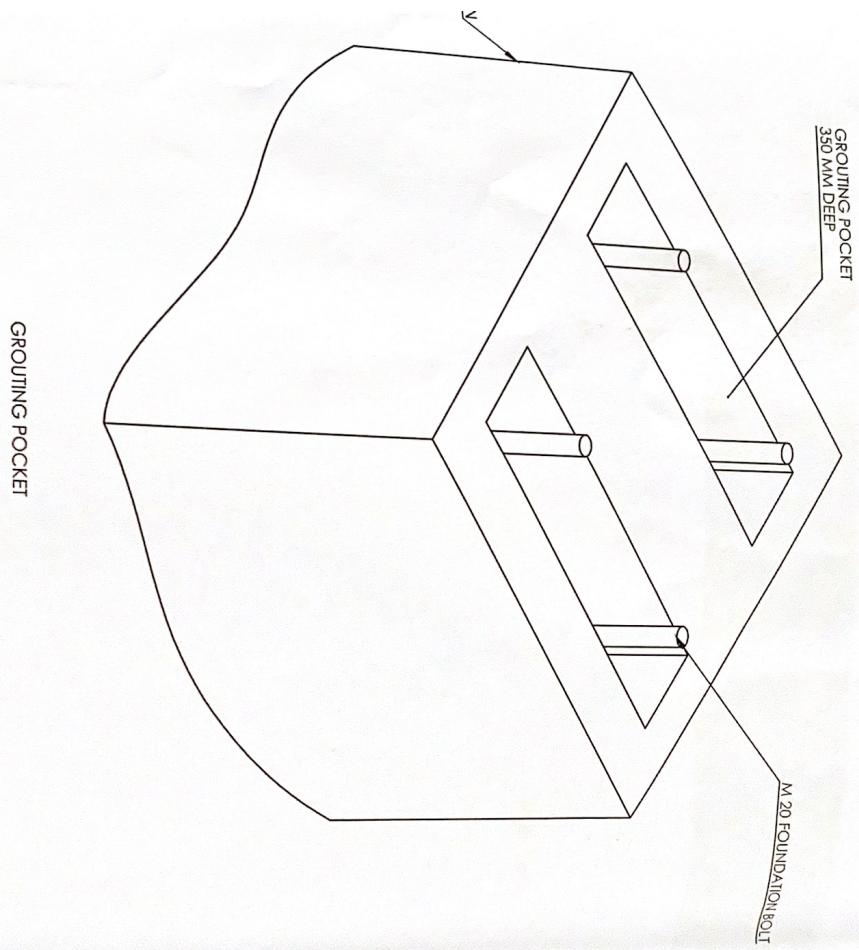


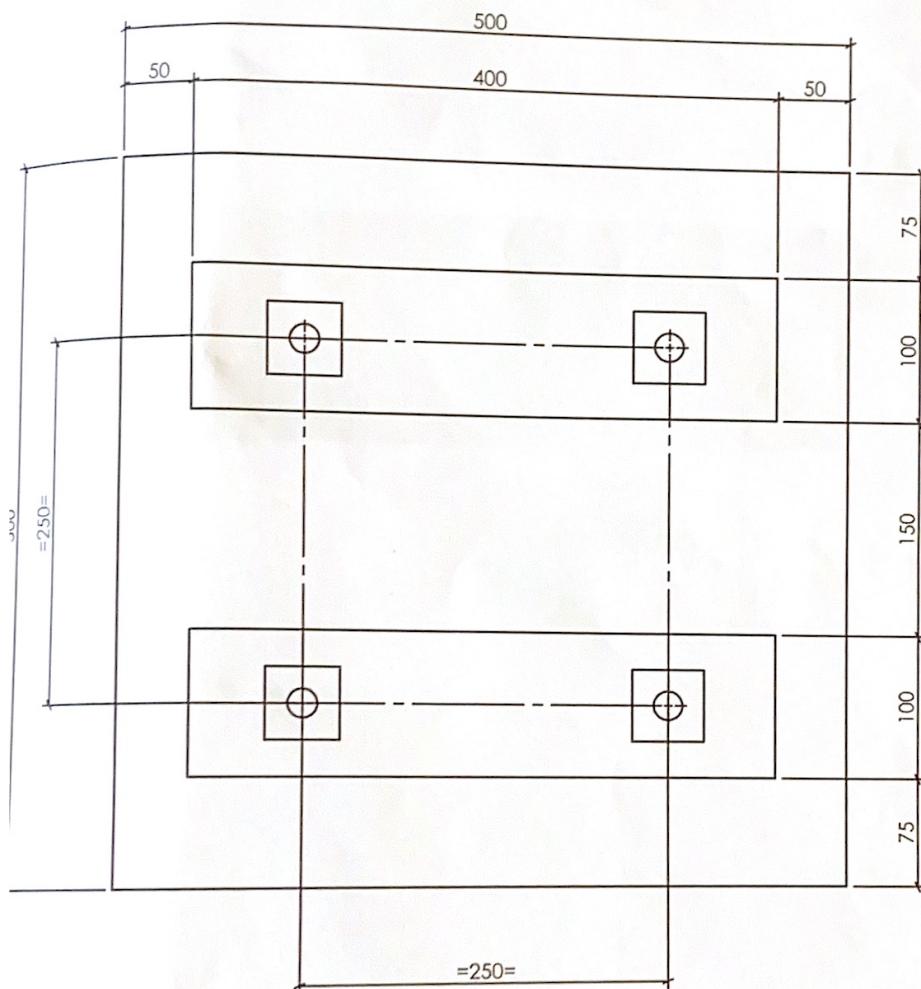
REV.	DATE	DESCRIPTION	TJ	BY
REVISION				
DRAWN	TJ	15X3 8LC PL WITH SR		APPROVED
CHKD	AJ	SHEET- 3 OF 7	WB ID -	---
APVVD		SCALE- N.T.S.	CAD REF -	8LC PITLESS ASSM
		DWG NO.		
KANPUR SCALECARE		AI-WB-PL-1503-FD		
		SHEET SIZE - A3	REVISION -	R0

THIS DRAWING SHOULD NOT BE REPRODUCED OR COPIED WITHOUT OWNER'S PERMISSION

DETAIL C
SCALE 1:25

DETAIL D
SCALE 1:25



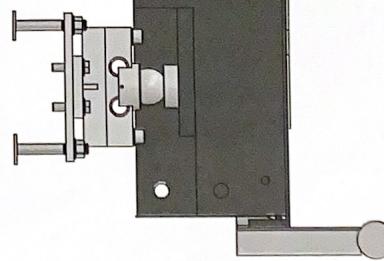


R0	23/12/2020	—			TJ	
REV.	DATE	DESCRIPTION			BY	APPV'D
REVISION						
DRAWN	TJ	SIGN.		TITLE	15X3 8LC PL WITH SR FOUNDATION DRW	
CHK'D	AJ		SHEET:- 4 OF 7	WB ID:-	---	
APPV'D			SCALE:- N.T.S.	CAD REF.-	8LC PITLESS ASSM	
KANPUR SCALECARE				DWG NO.	AI-WB-PL-1503-FD	
				SHEET SIZE:- A3	REVISION:-	R0

DO NOT REPRODUCED OR COPIED WITHOUT OWNER'S PERMISSION



SIDE VIEW



R0	23/12/2020	—	TJ	
REV.	DATE	DESCRIPTION	BY	APPROV'D

REVISION

DRAWN	TJ	SIGN		TITLE 15X3 8LC PPL WITH SR FOUNDATION DRW
CHKD	AJ			SHEET - 5 OF 7 WB ID - —
APPROV'D				SCALE - N.T.S. CAD REF - 8LC PITLESS ASSM DWG NO - A1-WB-PL-1503-FD SHEET SIZE - A3 REVISION - R0

KANPUR SCALECARE

