

CONTINENTAL DESIGNERS

Project consultants



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Hyderabad – 500082

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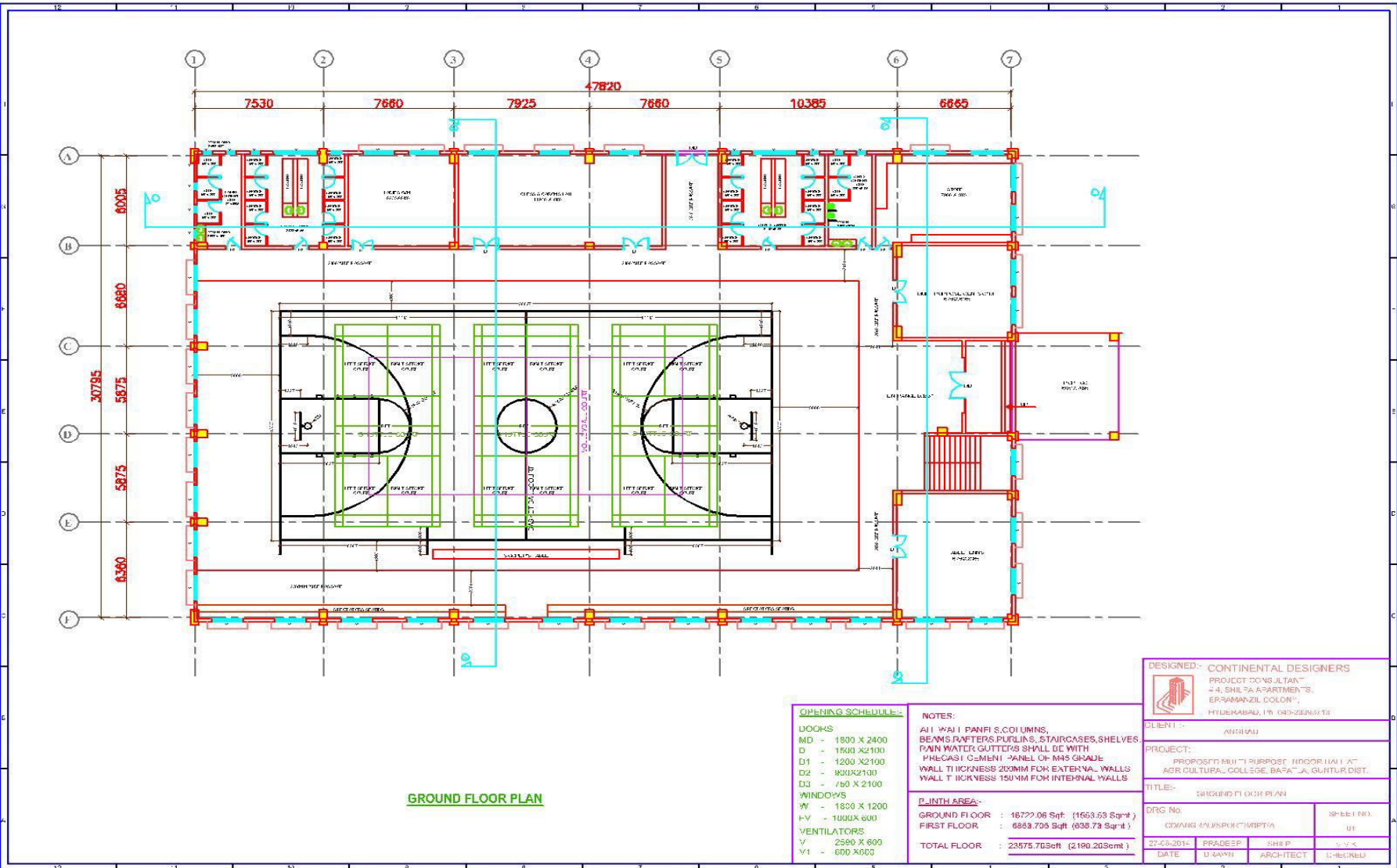
continentaldesigners@gmail.com

**PROPOSED MULTI PURPOSE INDOOR
HALL AT
AGRICULTURAL COLLEGE, BAPATLA,
GUNTUR DIST.**

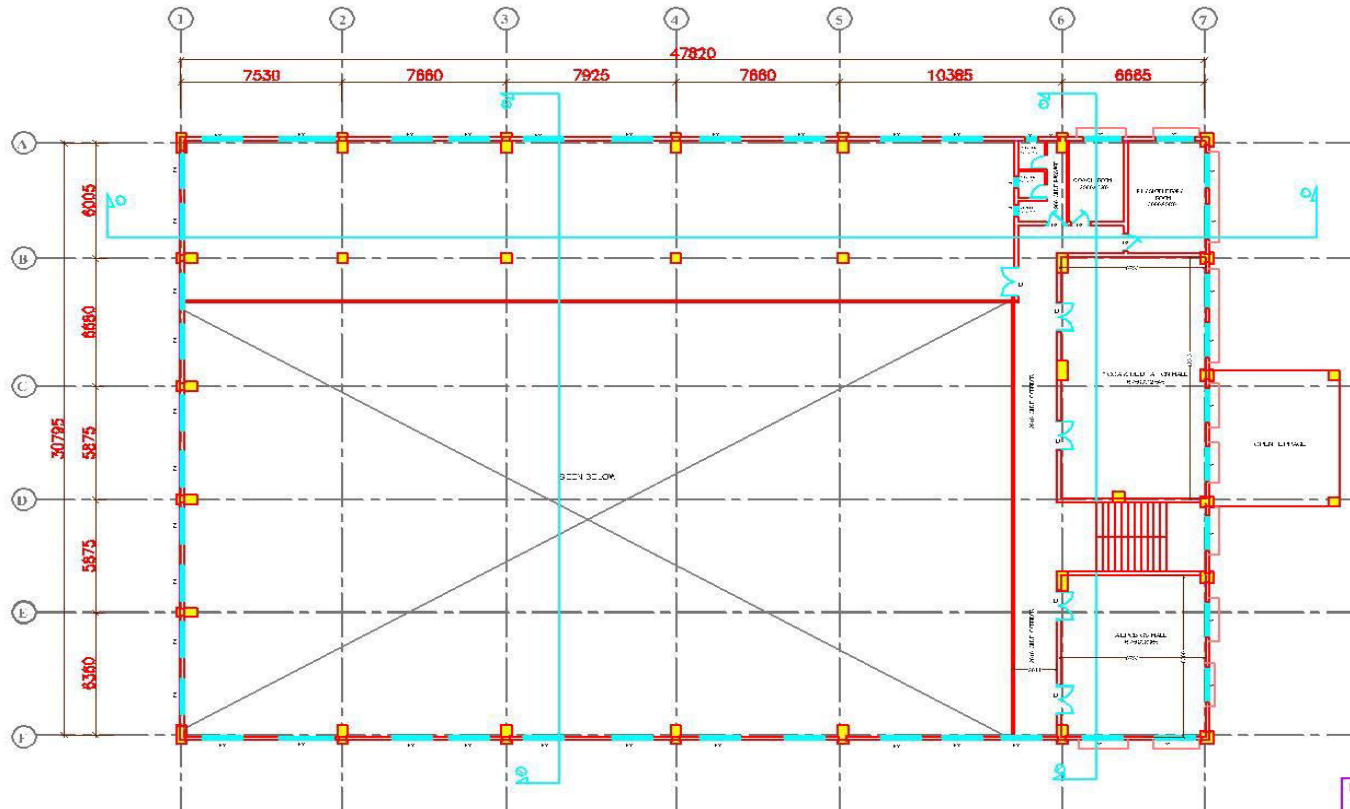
SITE LOCATION



GROUND FLOOR PLAN




FIRST FLOOR PLAN



DOORS
MD - 1800 X 2400
D - 1500 X 2100
D1 - 1200 X 2100
D2 - 800 X 2100
D3 - 750 X 2100
WINDOWS
W - 1800 X 1200
FV - 1000 X 600
VENTILATORS
V - 2590 X 600
V1 - 600 X 600

ALL WALL PANELS, COLUMNS,
BEAMS, RAFTERS, PURLINS, STAIRCASES, SHELVES
RAIN WATER GUTTERS SHALL BE WITH
PRECAST CEMENT PANEL OF M45 GRADE
WALL THICKNESS 200MM FOR EXTERNAL WALLS
WALL THICKNESS 150MM FOR INTERNAL WALLS

GROUND FLOOR : 16722.06 Sqft. (1553.53 Sqm)
FIRST FLOOR : 6853.705 Sqft. (638.73 Sqm)
TOTAL FLOOR : 23575.765 Sqft. (2190.20 Sqm)



PROJECT CONSULTANTS
4, SHILPA APARTMENTS,
ERAMBAZHIL COLONY,
HYDERABAD, PIN 500-233537/13

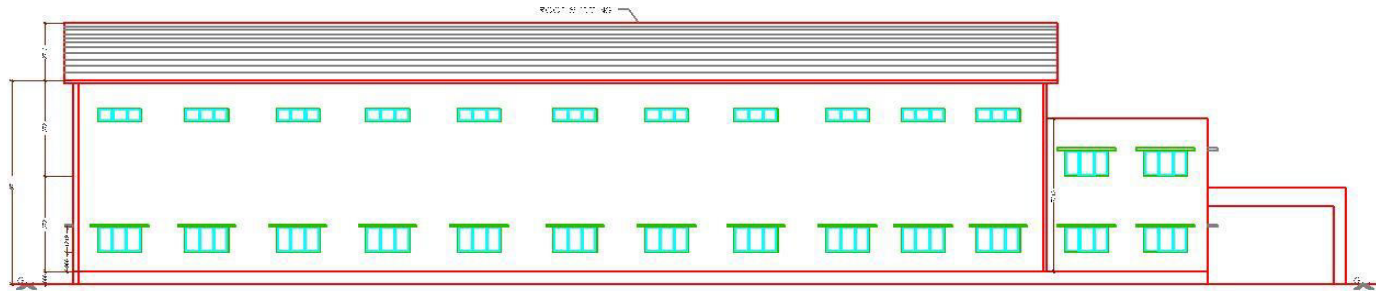
PROJECT:
PROPOSED MULTI-PURPOSE INDORUMATI
AGRICULTURAL COLLEGE, BAFRA, GULBURG DIST.

DRG No.	SHEET NO.
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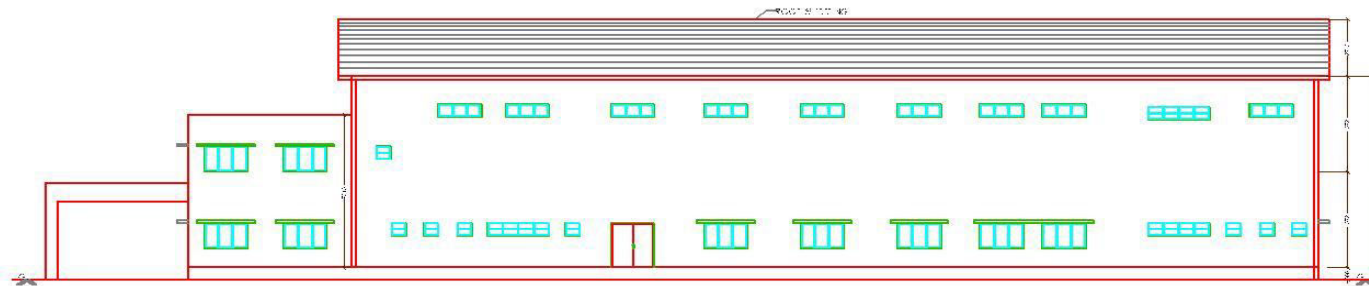
CDIANG TRANSPORT MPT/A	U1
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27-08-2014	PRADEEP	SHIP	S.V.K
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ELEVATION



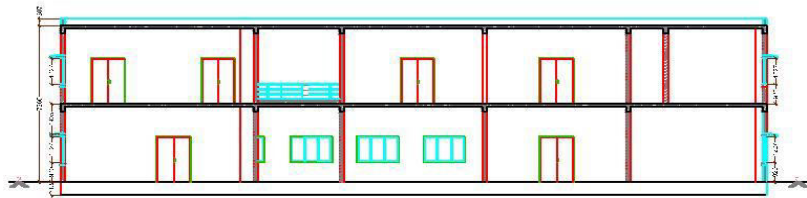
LEFT SIDE ELEVATION



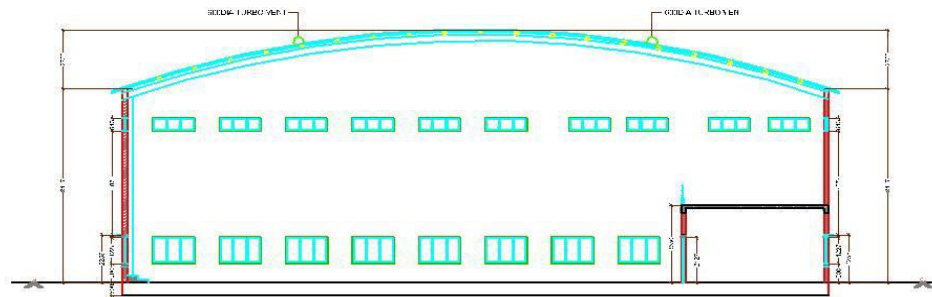
RIGHT SIDE ELEVATION

DESIGNED:- CONTINENTAL DESIGNERS			
PROJECT CONSULTANT			
4, SHILPA PARTMENTS,			
HYDERABAD, TELANGANA			
CLIENT:- ANIRU			
PROJECT:- PROPOSED MULTI PURPOSE BUILDING AT			
AGR. CULTURAL COLLEGE, BAFATLA, GUNTUR, DIST.			
TITLE:- ELEVATIONS			
DRG No.	SHEET NO.		
001/2014	01		
DATE	DESIGNED	CHECKED	DATE
27-05-2014	PRADIP	SHILPA	27-05-2014
	DRAM	ARCHITECT	ENGINEER

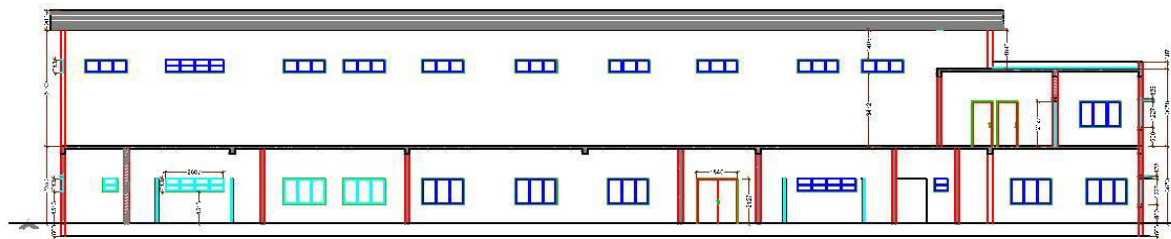
CROSS SECTION



SECTION X-X



SECTION Y-Y



SECTION Z-Z

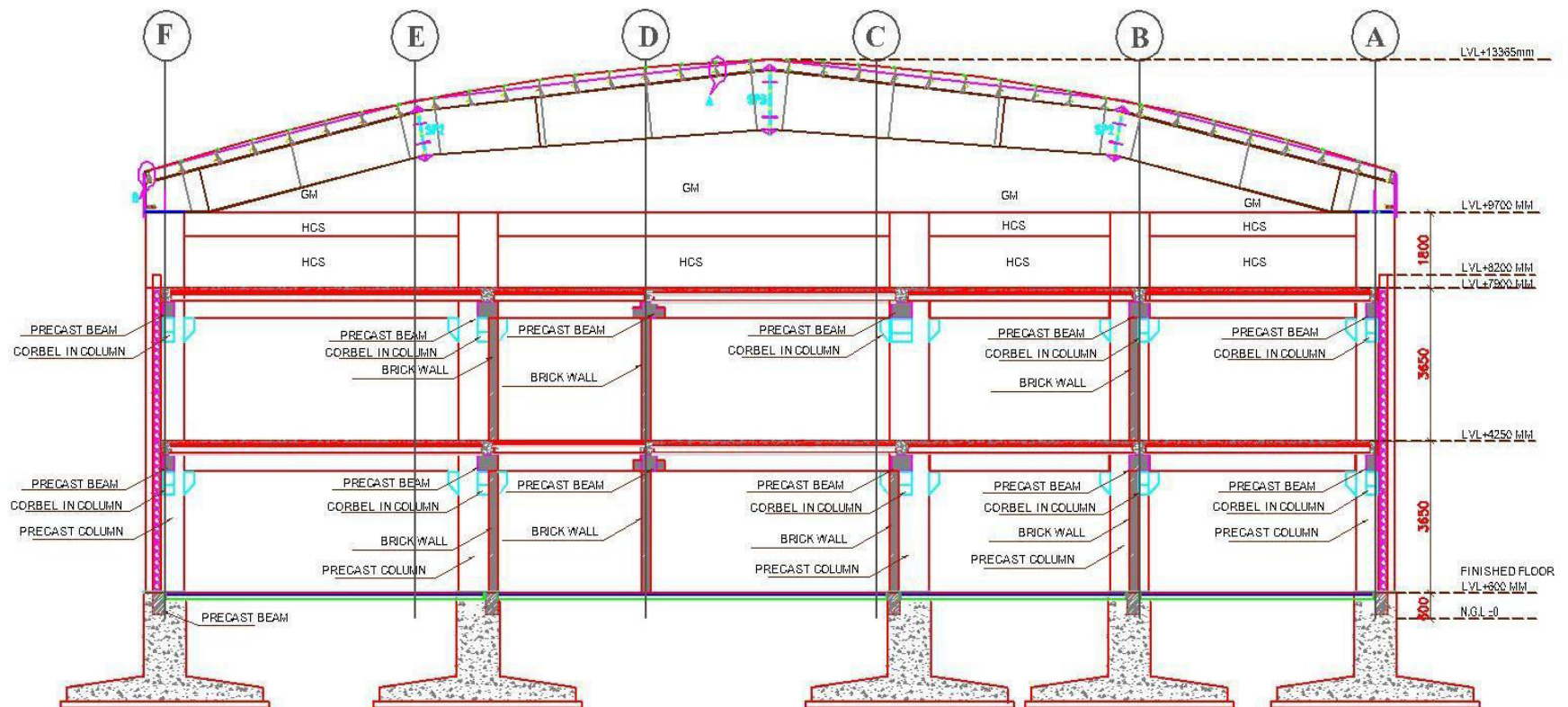
DESIGNED:- CONTINENTAL DESIGNERS			
PROJECT: DOGS JLTAIN			
#4, SHILPA APARTMENTS,			
ERAMANGAL COLONY,			
HYDERABAD, T.S. 500026/513			
CLIENT:-			
ANILKUMAR			
PROJECT:-			
PROPOSED MULTI-PURPOSE BUILDING AT			
AGR. CULTURAL COLLEGE, BAFATTA, GUNTUR DIST.			
TITLE:-			
3D ELEVATION			
DRG No.		SHEET NO.	
CONTINENTAL DESIGNERS		01	
27-08-2014	DATE	PRADIP	ARCHITECT
04-08-2014	DATE	SHRIP	ARCHITECT
		S.V.K	ENGINEER

3D VIEW



SECTION 1-1
SCALE 1:100





02 SECTION 2-2
SCALE 1:100



INSITU ELEMENTS



- ▶ **FOOTINGS**
- ▶ **PEDESTALS**
- ▶ **PLINTH BEAMS**

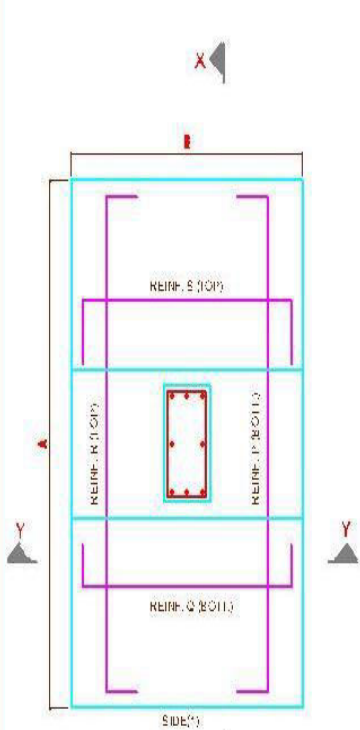
PRECAST- ELEMENTS



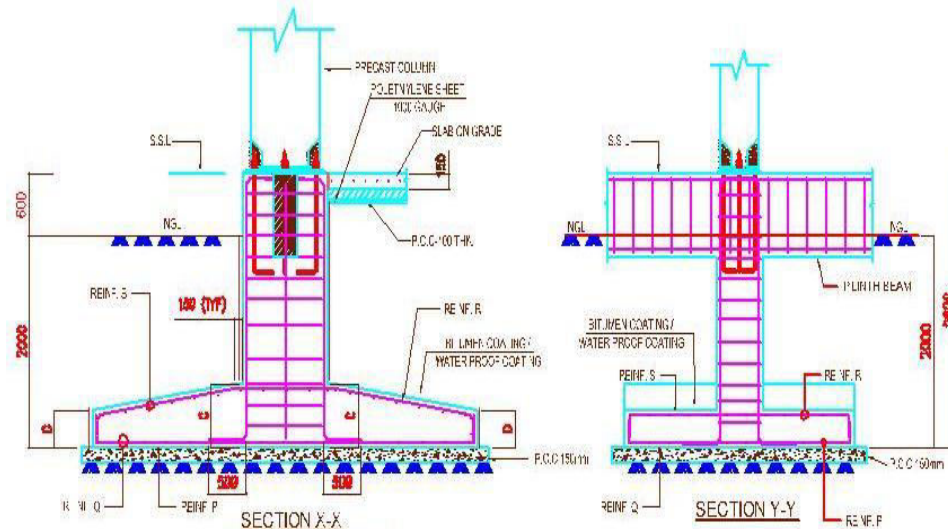
- ▶ **COLUMNS**
- ▶ **ROOF BEAMS**
- ▶ **SLABS & WALLS**

LAYING OF FOUNDATION

FOOTING DETAIL'S

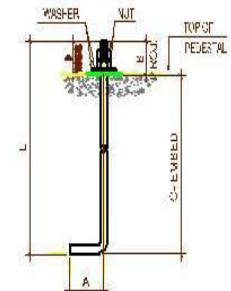


**TYPICAL PLAN FOR
(ISOLATED FOOTING)**



FOOTINGS SCHEDULE

FOOTING MARK	REINFORCED CONCRETE		FOOTING DEPTH	FOOTING EDGE DEPTH	REINFORCEMENT				REMARKS
	A (mm)	B (mm)			BOTTOM		TOP		
					P (Long)	Q (Short)	R (Long)	S (Short)	
F1	1800	3600	600	300	T16-120	T16-200	T16-100	T16-300	-
F1A	3000	3600	600	300	T16-240	T16-240	T16-200	T16-300	-
F2	3000	3000	500	350	T16-200	T16-200	T16-200	T16-200	-
F3	4500	3600	650	400	T16-100	T16-200	-	-	-
F4	2800	2800	500	500	T16-200	T16-200	-	-	-
F5	3800	3600	650	350	T16-100	T16-100	-	-	-
F6	1200	2800	300	300	1A-100	T12-200	-	-	-



ANCHOR BOLT SCHEDULE

SYMBOL	DIMETER	A	B	C	D
	56	1500	300	150	1200

PREPARATION OF GROUND FOR THE FOUNDATION



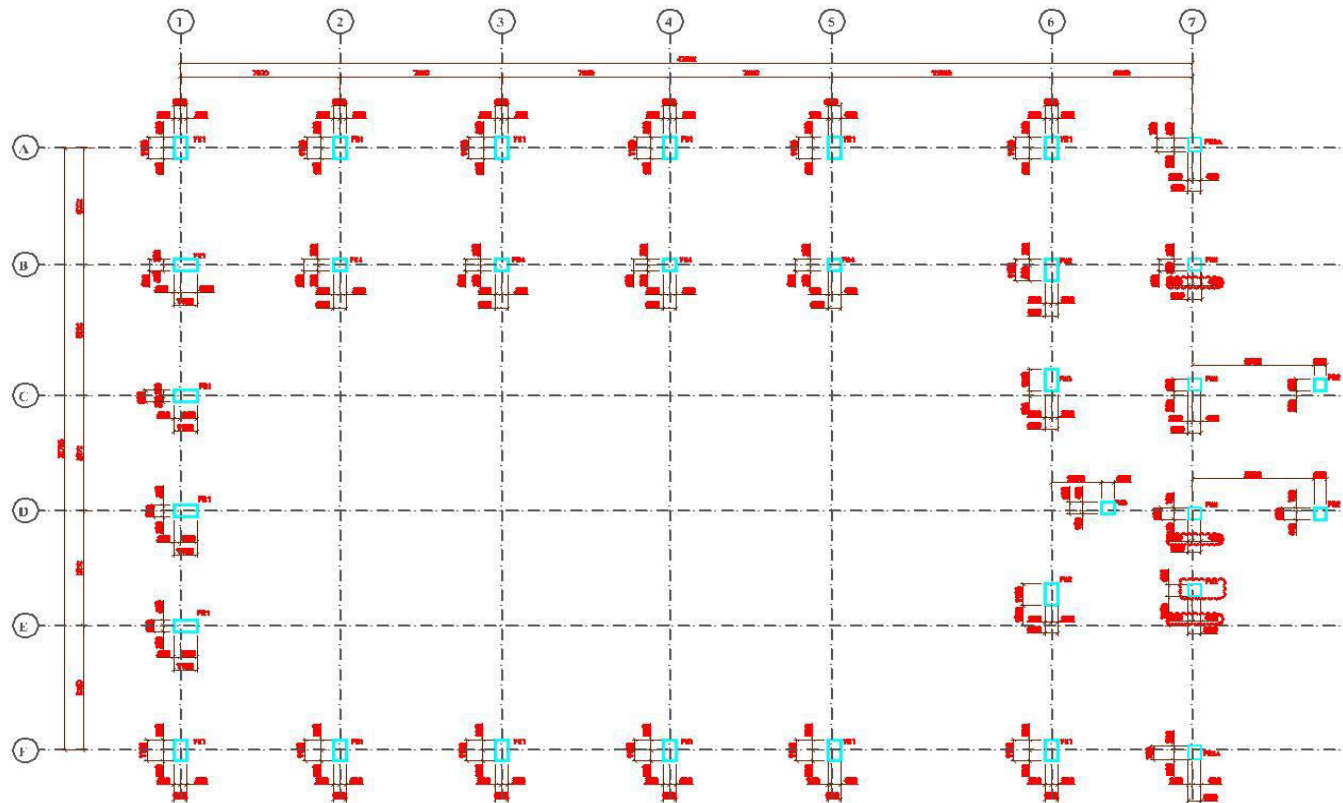
PCC FOR FOOTINGS



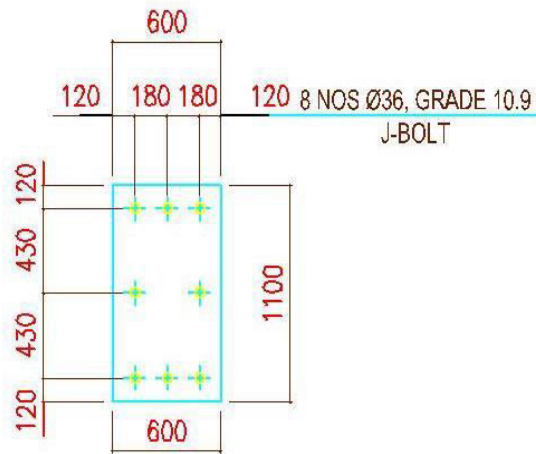
CASTING OF FOOTINGS



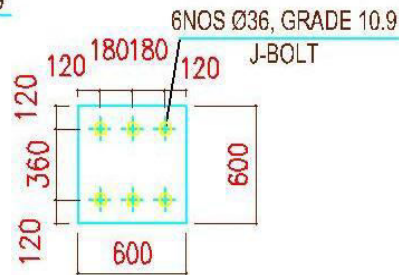
PEDESTAL LAYOUT



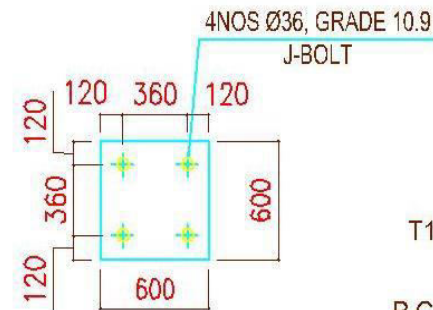
PEDESTAL DOWEL TUBE LOCATION WITH DOWEL REINFORCEMENT



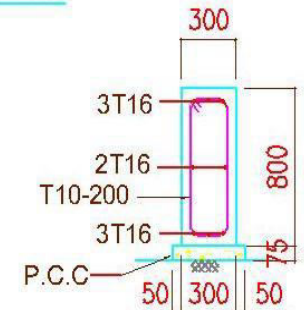
PD1
(BOLT LOCATION)



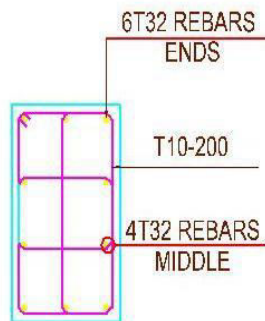
PD2
(BOLT LOCATION)



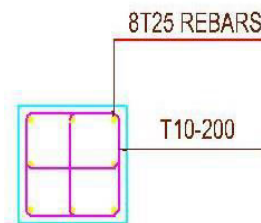
PD4
(BOLT LOCATION)



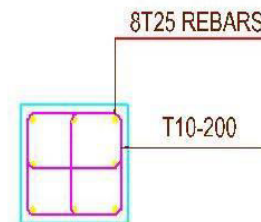
PB1



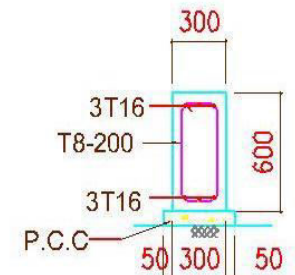
PD1
(REINF.)



PD2
(REINF.)



PD4
(REINF.)



PB2

PEDSTALS CASTED UPTO 600mm ABOVE NGL

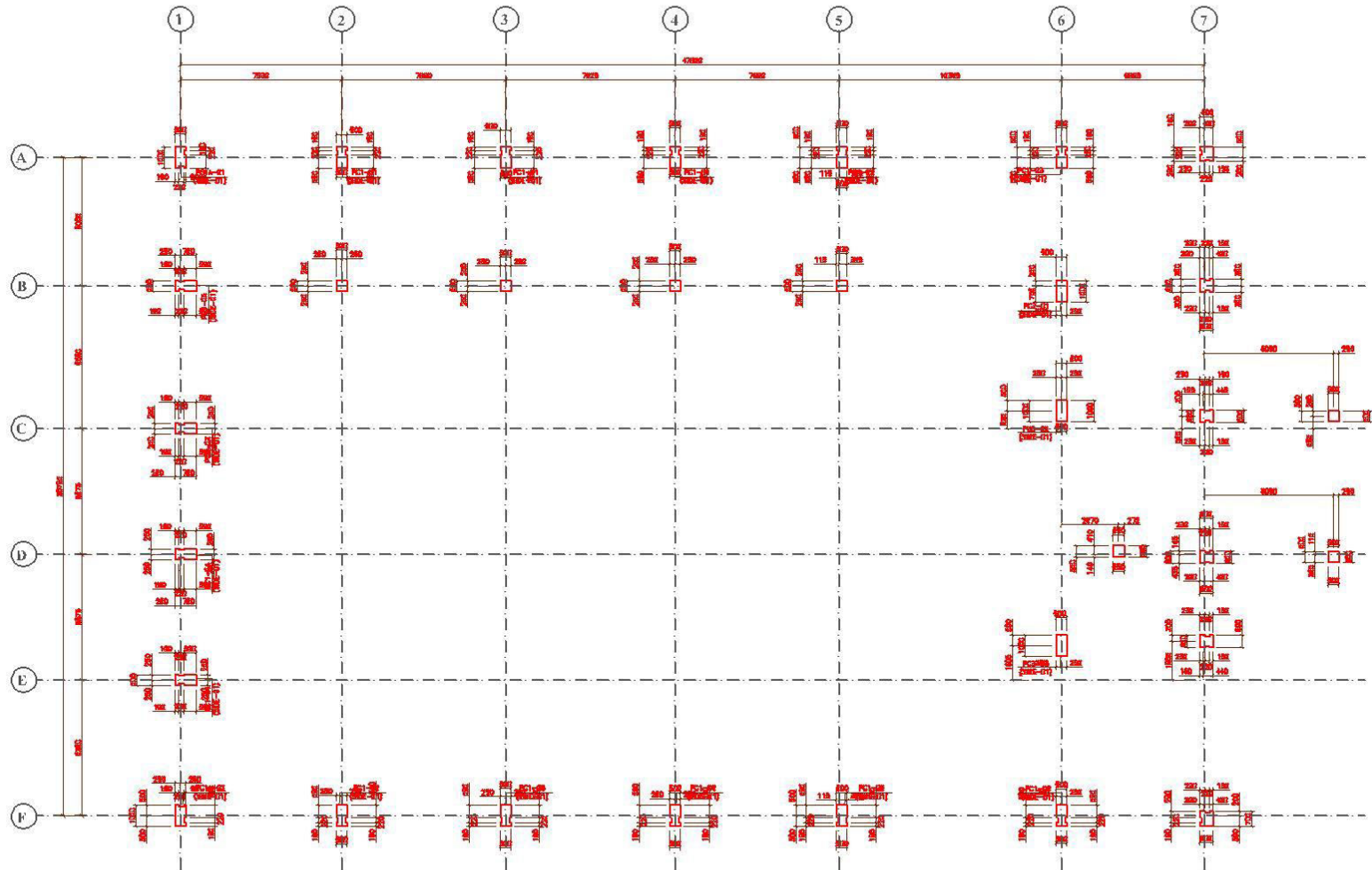




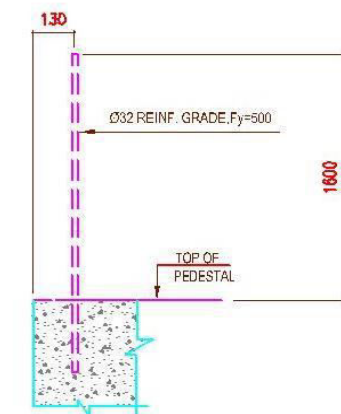
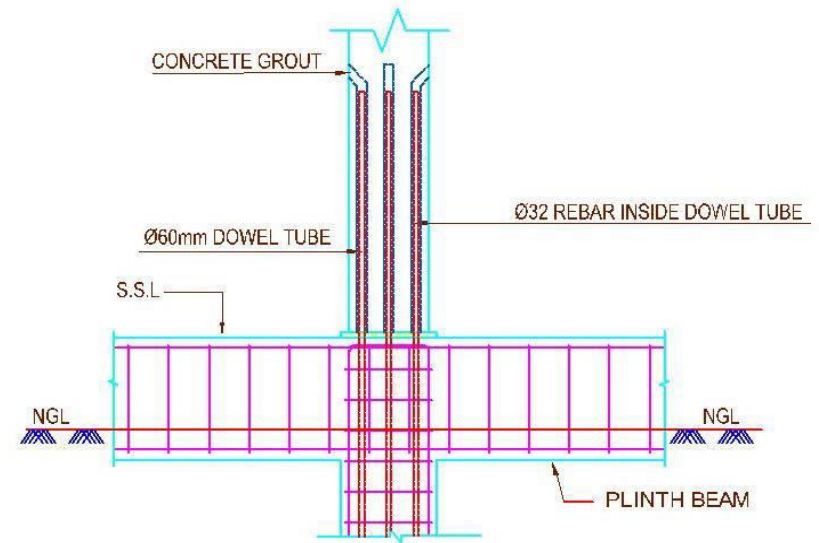
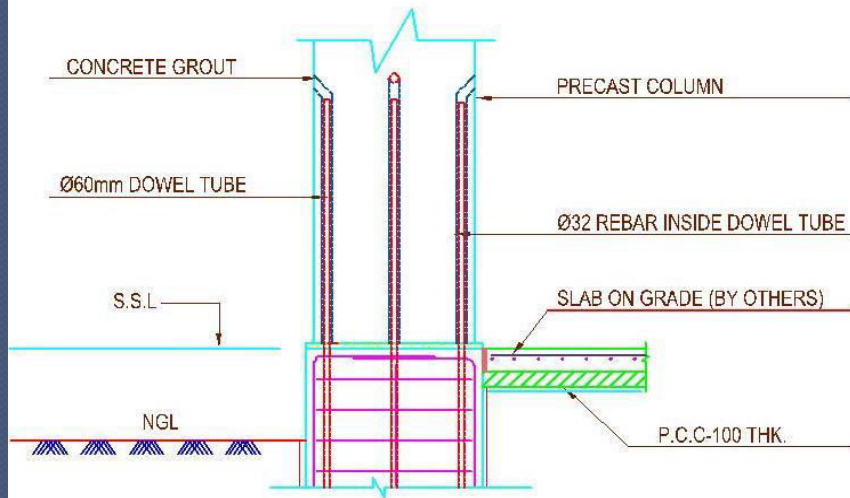
**CHECKING LEVELS OVER PEDESTALS BEFORE
ERRECTION OF COLUMNS**

ERRECTION OF CLOUMN'S

COLUMN LAYOUT



COLUMN DOWEL BAR SETTING DETAILS IN PEDESTALS



DOWEL BAR SETTING

SCALE ~ 1 : 20

COLUMN WITH DOWEL TUBES



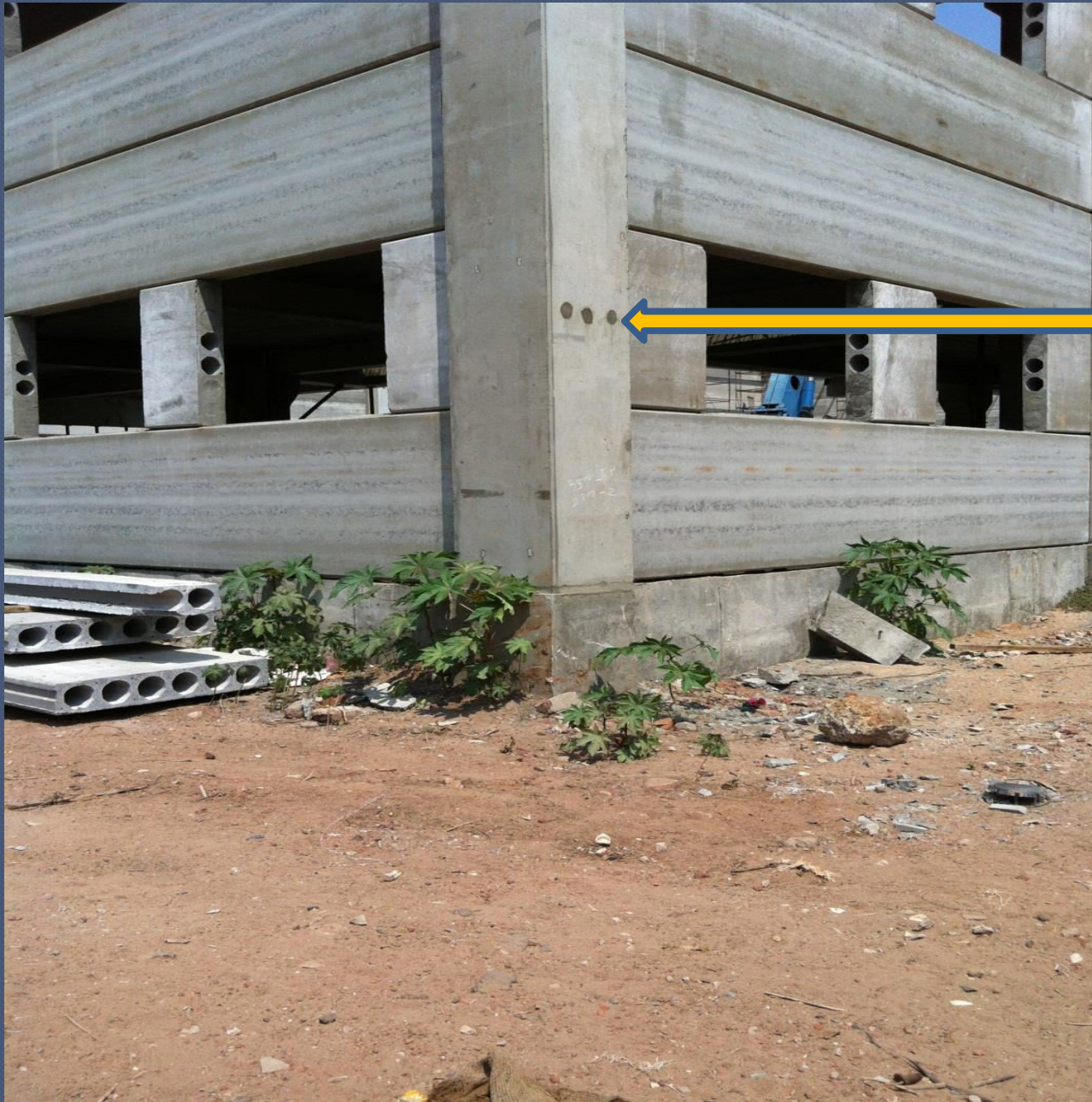
**Column with
dowel tube**

ERRECTION OF COLUMNS

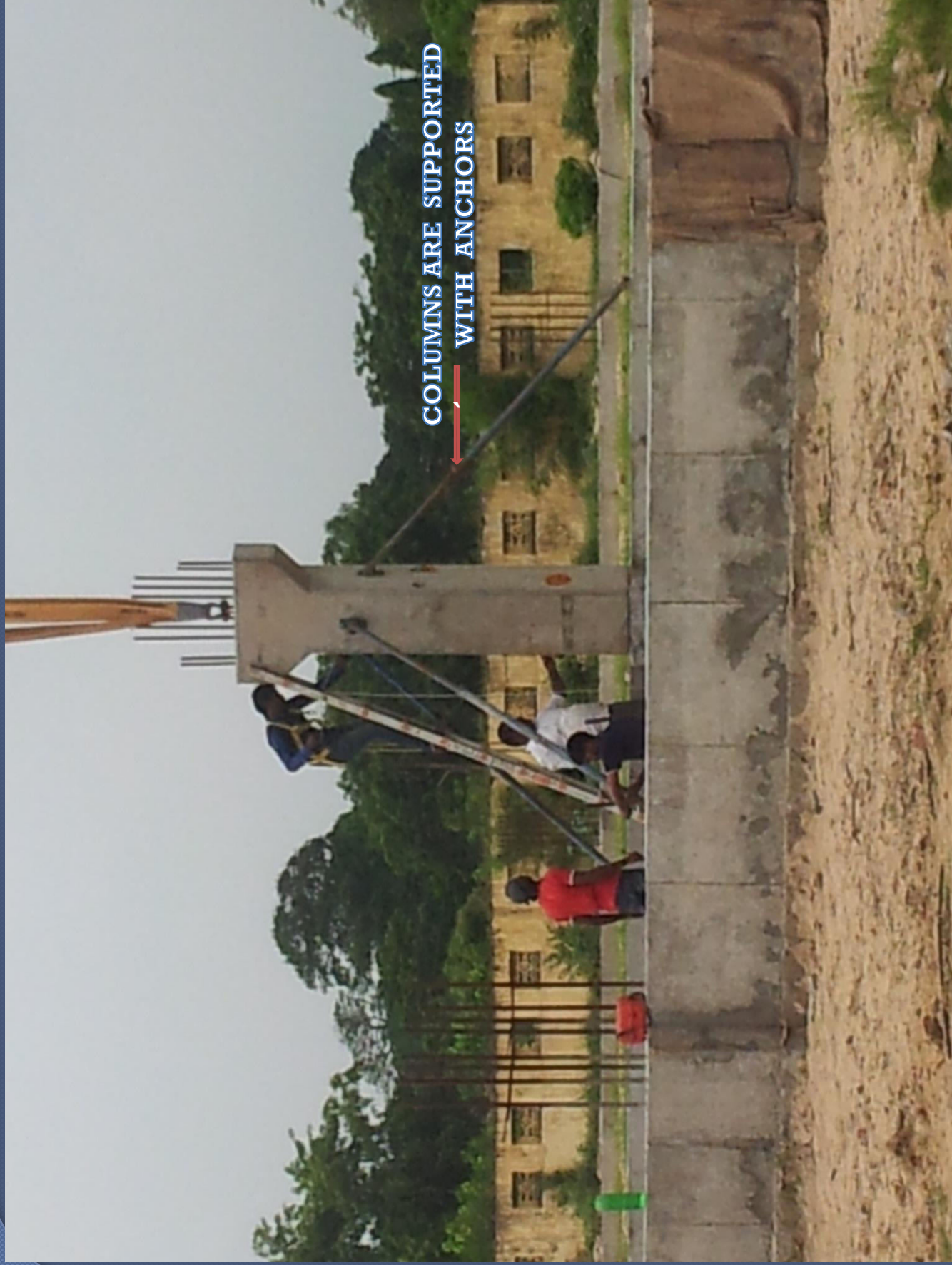
OPENINGS PROVIDED IN THE
COLUMNS TO
PUMP THE GROUT INTO
DOWEL TUBES

DOWELS PROVIDED
IN PEDIESTALS
INSERTED INTO DOWEL TUBE
PROVIDED IN COLUMNS





**OPENINGS
POVIDED
IN COLUMN
TO PUMP THE
GROUT INTO
COULUMN
DOWEL TUBES**

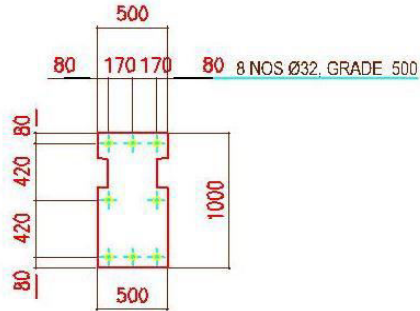


**COLUMN CORBEL
TO SUPPORT
ROOF BEAM**

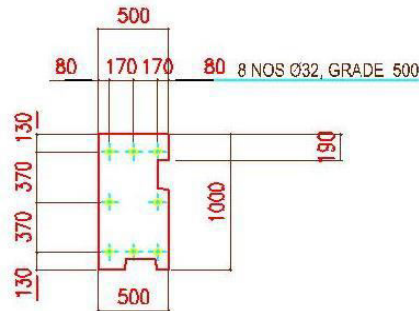
**COLUMNS
SUPPORTED
WITH ANCHORES**



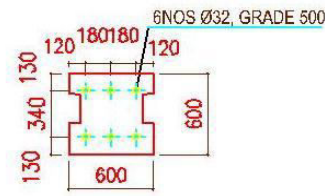
COLUMN REINFORCEMENT WITH DOWEL TUBE



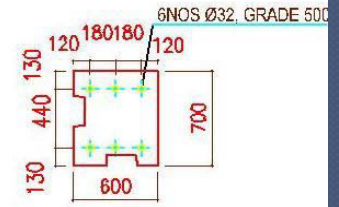
PC1
(DOWEL LOCATION)



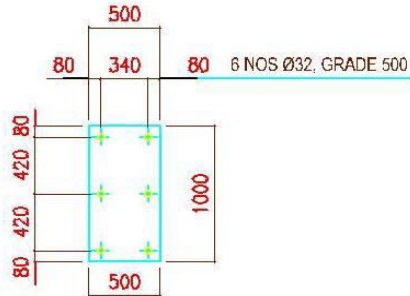
PC1A
(DOWEL LOCATION)



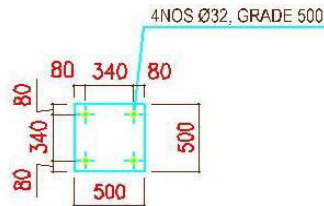
PC2
(DOWEL LOCATION)



PC2A
(DOWEL LOCATION)



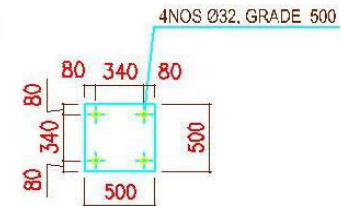
PC3
(DOWEL LOCATION)



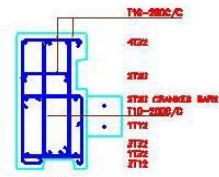
PC4
(DOWEL LOCATION)



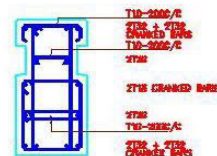
PC5
(DOWEL LOCATION)



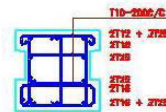
PC6
(DOWEL LOCATION)



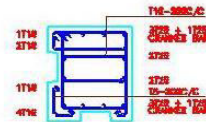
PC1A
(REINF.)



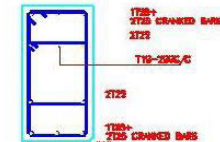
PC1
(REINF.)



PC2
(REINF.)



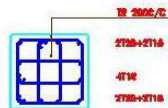
PC2A
(REINF.)



PC3
(REINF.)



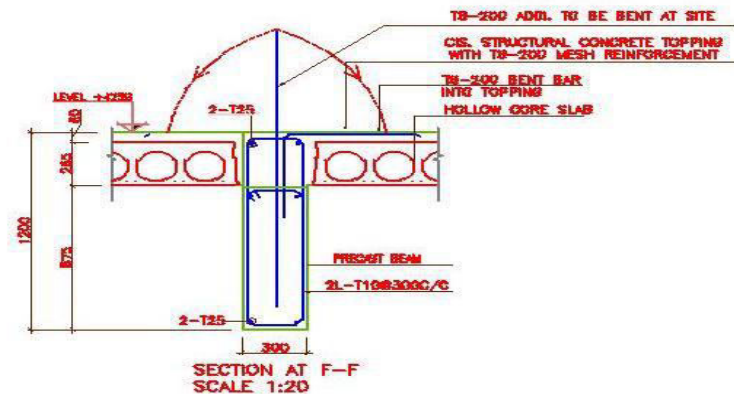
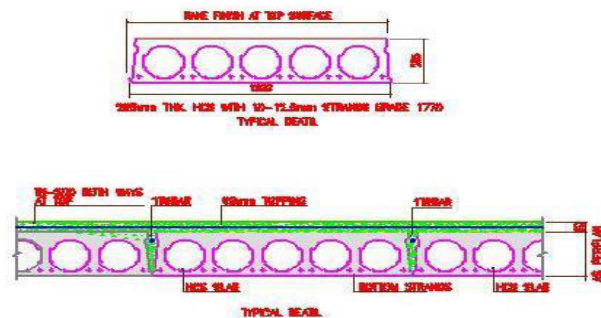
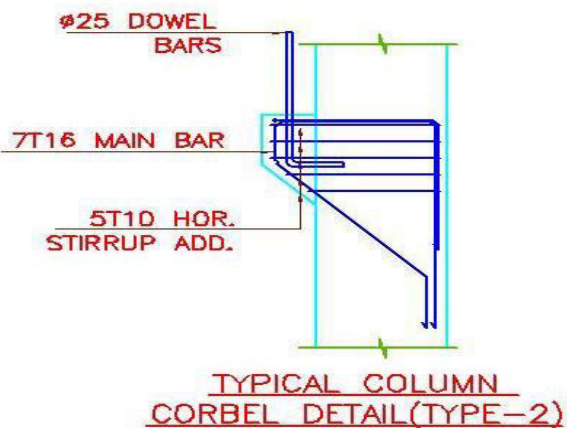
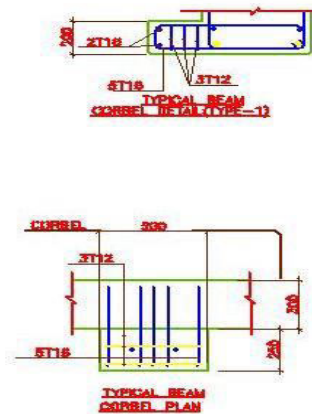
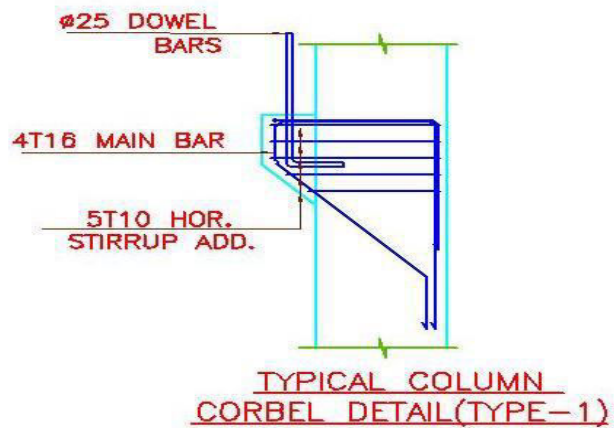
PC4
(REINF.)



PC5
(REINF.)



PC6
(REINF.)

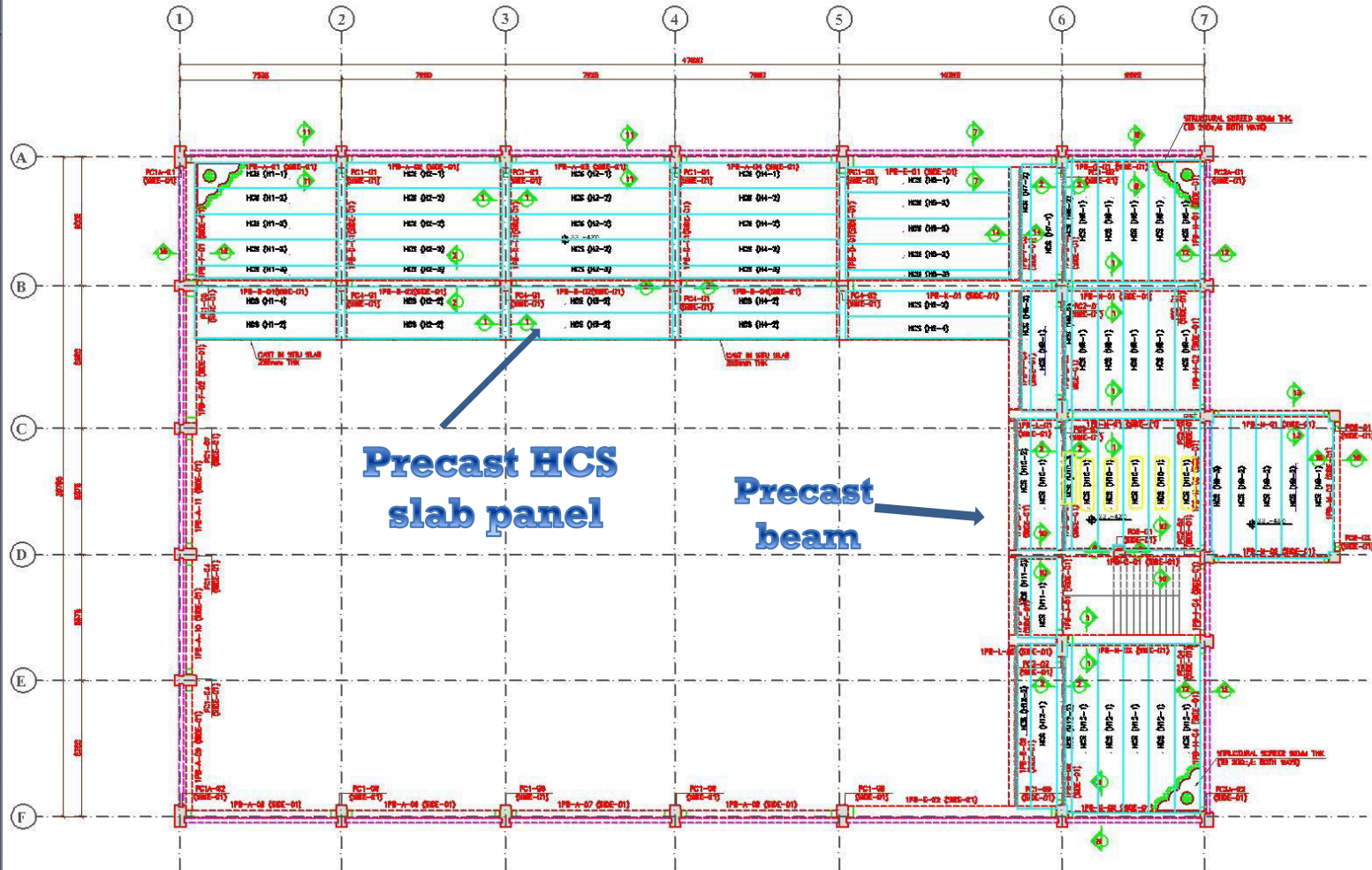


COLUMN CORBELS

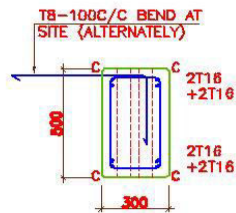


ERRECTION OF BEAM'S

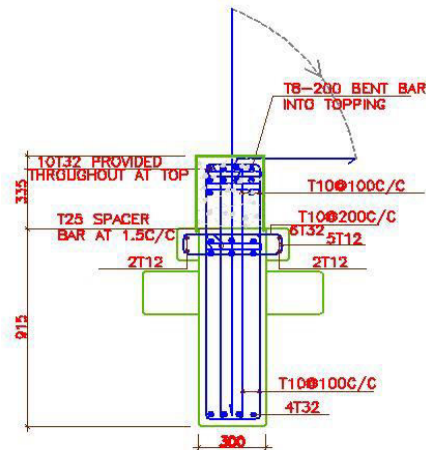
ROOF BEAM LAYOUT



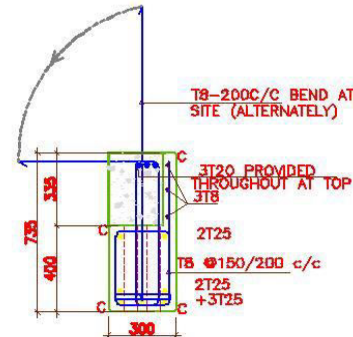
BEAM REINFORCEMENT DETAIL'S



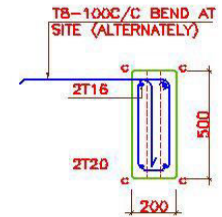
01 TYPE-A
SCALE 1:20



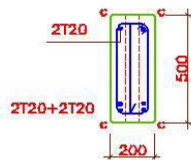
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SCALE 1:20



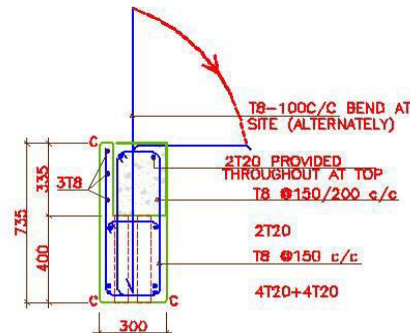
07 TYPE-G
SCALE 1:20



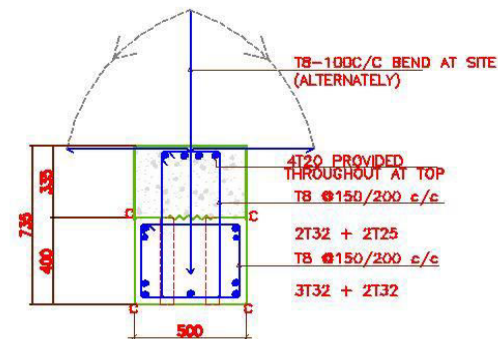
08 TYPE-H
SCALE 1:20



09 TYPE-I
SCALE 1:20



12 TYPE-M
SCALE 1:20



13 TYPE-N
SCALE 1:20



**DOWELS FROM
THE BEAM
BOTTOM
BENT TO THE
SLAB TOP**

BEAM CONNECTION

HCS SLAB
RESTS
ON THIS
SIDE



BEAM WITH SLAB CONNECTION



BEAM WITH OUT SLAB CONNECTION

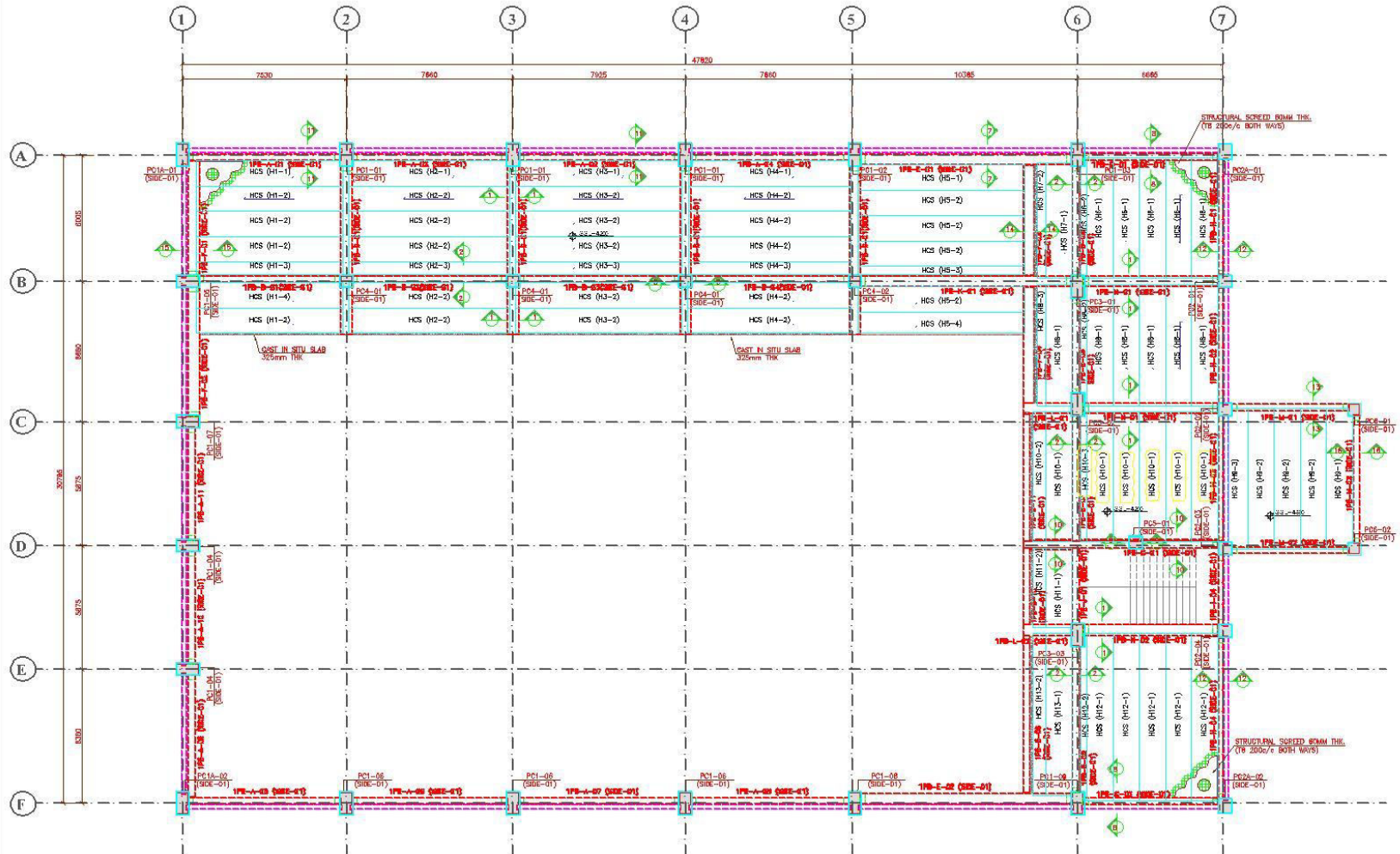


ERRECTION OF BEAM



ERRECTION OF HCS SLABS

HCS SLAB LAYOUT

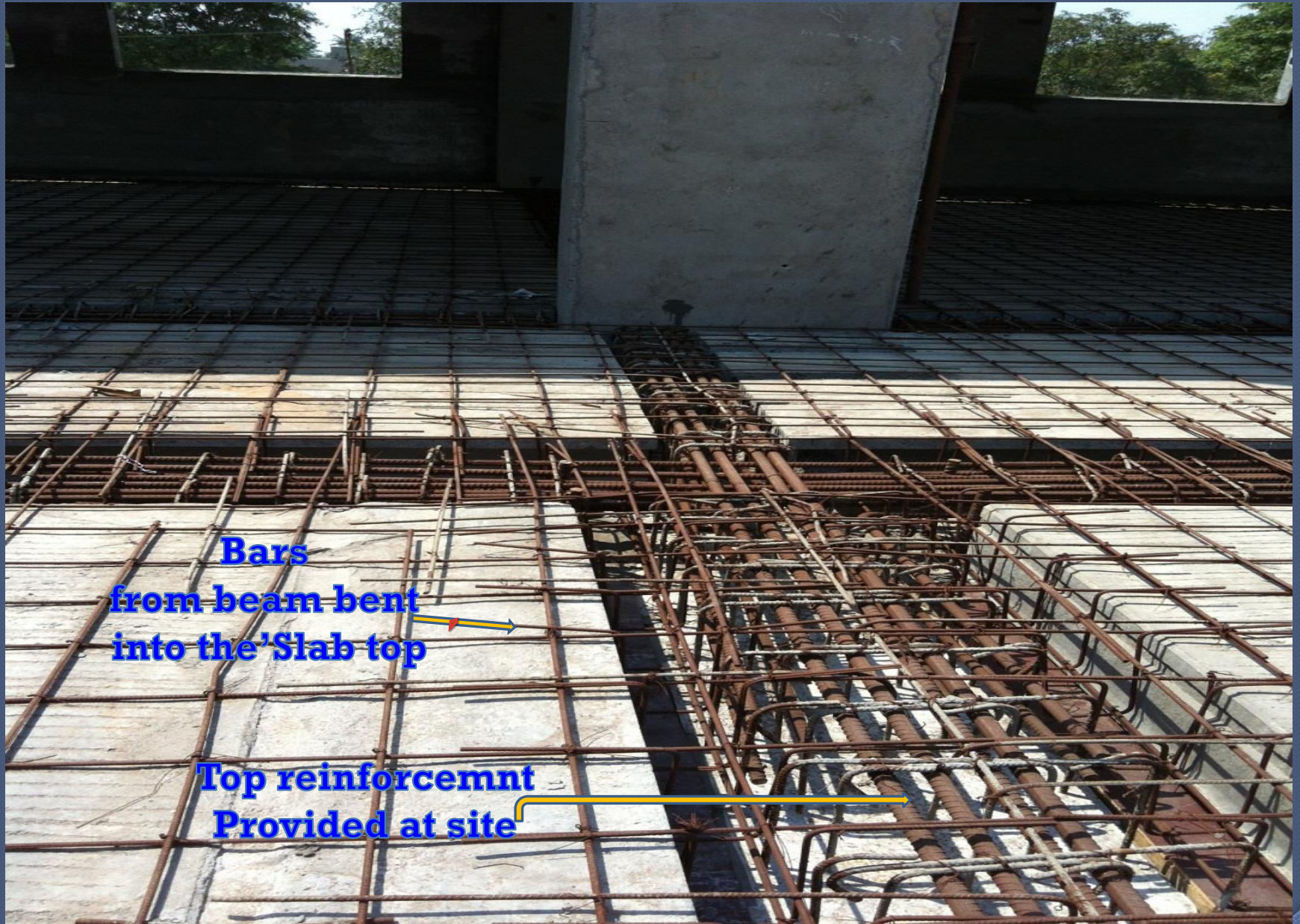




**HCS SLAB WITH
PVC
ENDS**

**HCS SLAB
WITHOUT
PVC ENDS**

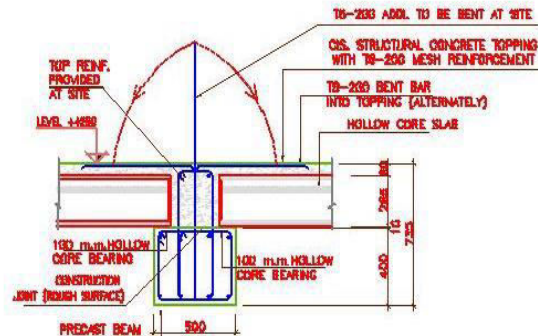
HCS SLAB WITH SCREED REINFORCEMENT



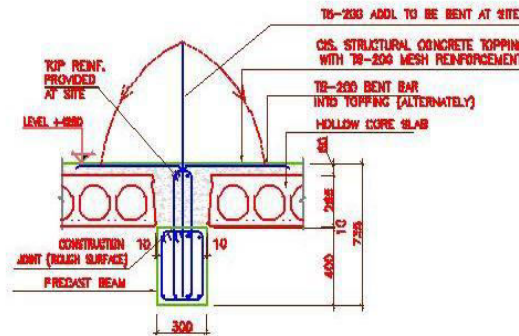
**Bars
from beam bent
into the Slab top**

**Top reinforcement
Provided at site**

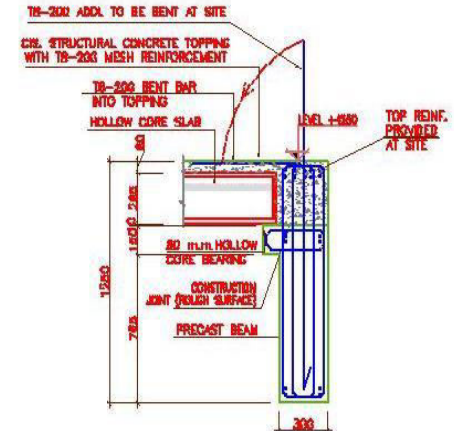
CONNECTION DETAIL'S



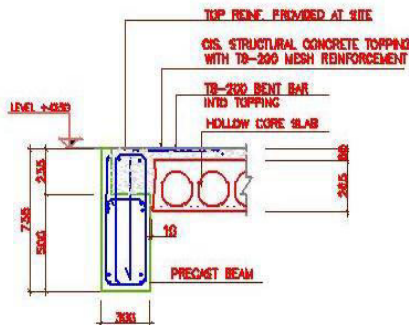
TYPICAL SECTION AT 1-1



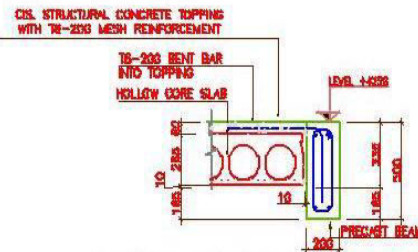
TYPICAL SECTION AT 2-2



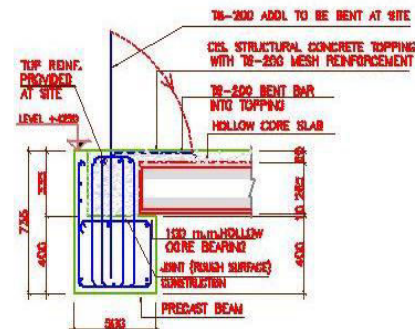
TYPICAL SECTION AT 10-10



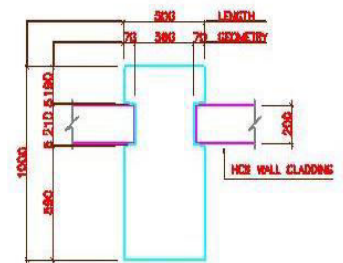
TYPICAL SECTION AT 11-11



TYPICAL SECTION AT 12-12

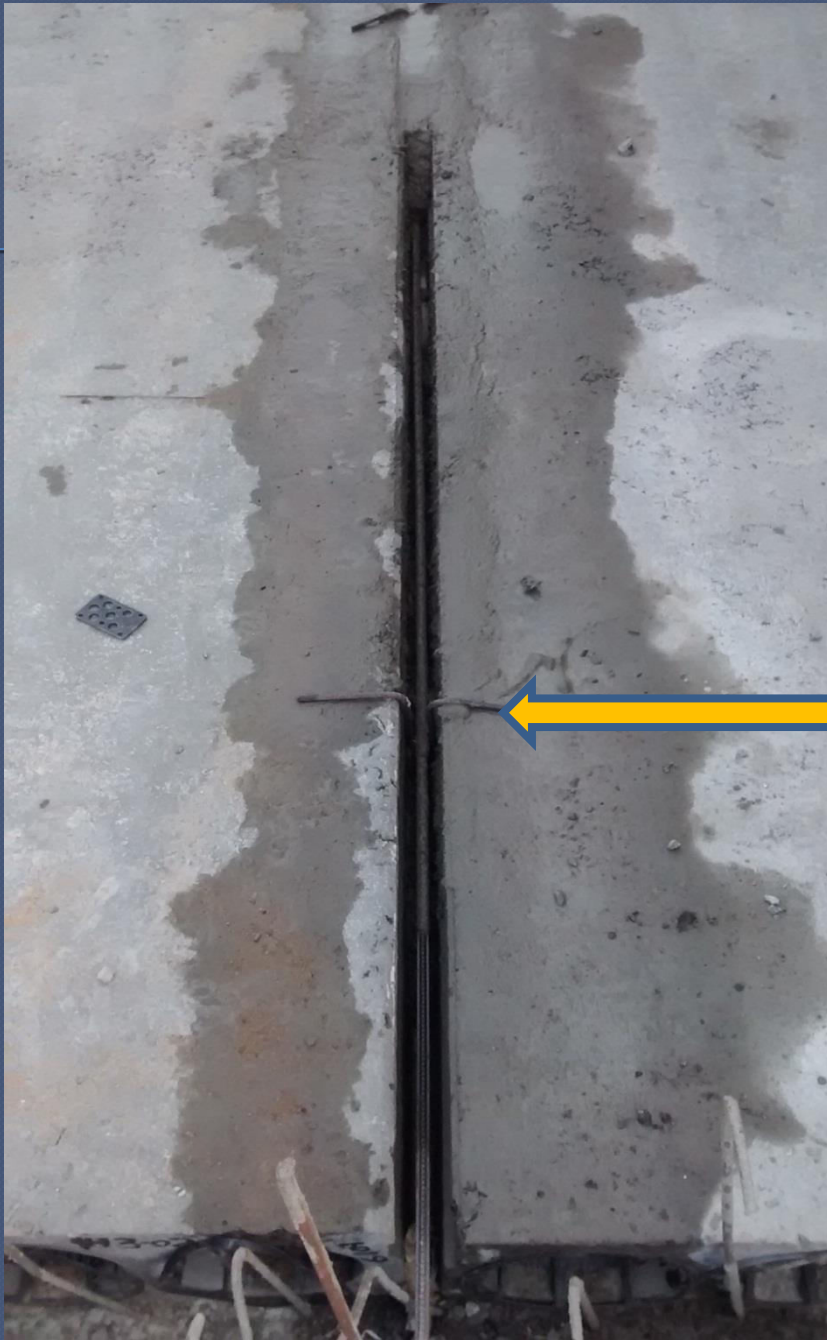


TYPICAL SECTION AT 15-15



TYPICAL COLUMN-WALL CLADDING DETAIL

FLILLING OF SLAB GROOVES



**U-HOOK TO HOLD
THE REINF- BAR IN
GROOVES**

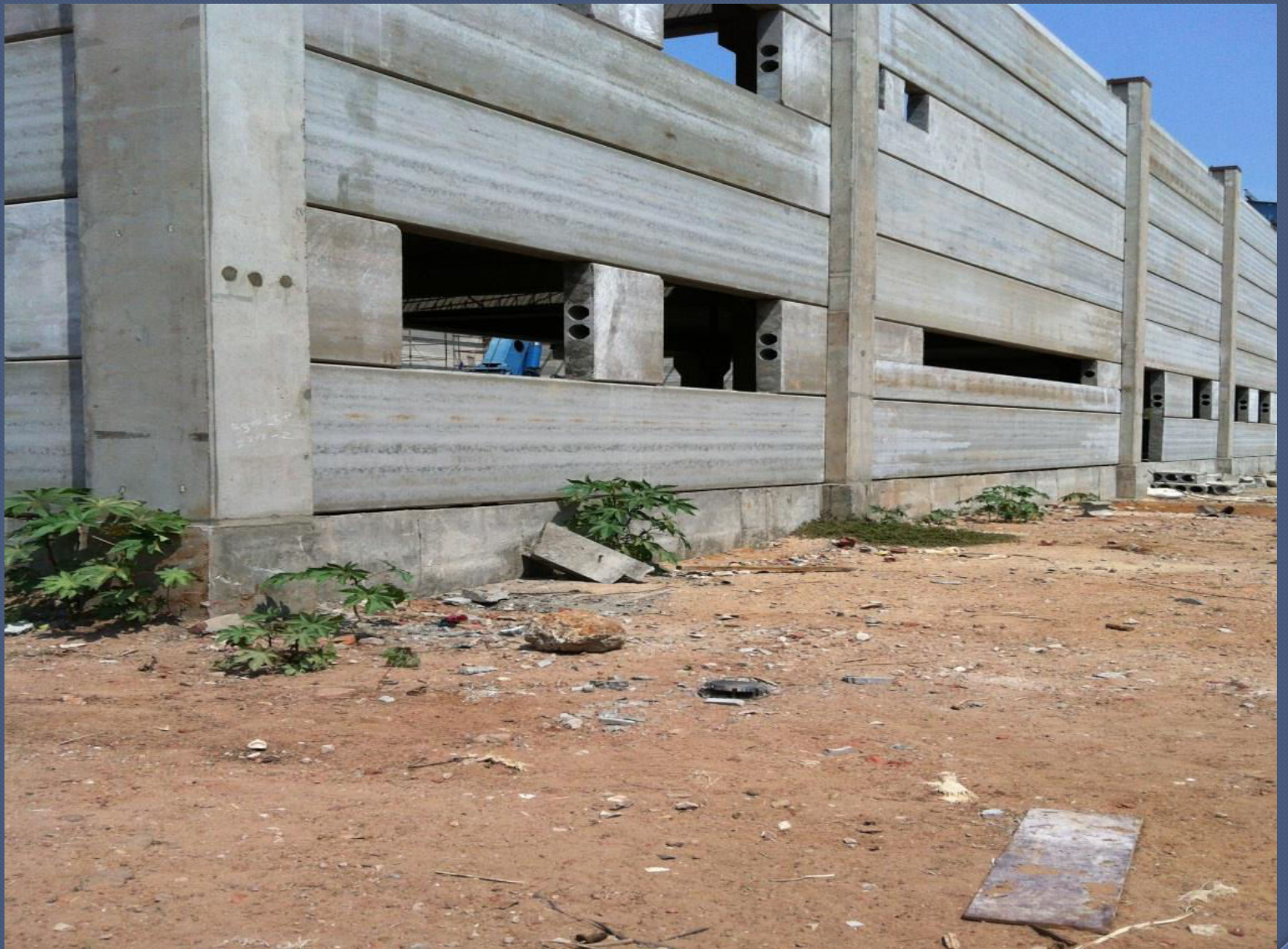


ERRECTION OF WALL'S

ELEVATION 1



**PANELS SLIDING
THROUGH
GROOVES WITH
THE HELP OF
STRAPS**





ERRECTION OF PEB ROOF

PEB ROOF LAYOUT



PEB ROOF ERRECTION DETAILS



THANK YOU