

Construction of School Buildings, Staff Quarters, Boundary Wall etc. for Kendriya Vidyalaya, Harda, M.P.



FORM-G

Name of the work : Construction of School Buildings, Staff Quarters and other facilities

including Electrical works for Kendriya Vidyalaya at Harda, Madhya

Pradesh

Tender No. : 08001/2023-2024/E27627 dated 26.06.2023

PROFORMA FOR BIDDER'S PRE-BID QUERIES / CLARIFICATIONS

SL. NO	BIDDER NAME	BIDDER'S QUERIES / CLARIFICATION	OWNER / FEDO's REMARKS			
1		Details of Section and Make of Doors & Windows to be provided	As per Vendor list available in the tender			
2	M/s Evercrest Projects Pvt. Ltd.	Supply and make of HT and LT panel	As per Vendor list available in the tender			
3		Extension of bid submission time for 7 more days	Request shall be made by written communication through email			
4	M/s S K Tiwari	Whether estimate includes GST	Estimate is inclusive of GST			
5	Construction	What is the Performance Guarantee?	As per tender			
6	M/s EPIL, Western Division	Whether queries can be sent now?	Queries can be sent to the email address provided in the tender within this week			
7	GENERAL	Bidders shall forward their queries to the email address provided in the tender within this week				
8	Additional drawings (Pages 2-7) attached.					



PRODUCED BY AN AUTODESK STUDENT VERSION OWNER: KENDRIYA VIDYALAYA SANGATHAN PROJECT: (X5) (X6) (X7) X10 (X8) (X9) (X4) 2215 2215 2860 965 3045 1500 1100 2. W15 1500 X 1200 900 2100 ROOM SLOPE SLOPE 1:20 1:20 RIDGE LINE THE DIMENSIONS & DETAILS ARE TENTATIVE AND ARE LIABLE TO MODIFICATIONS (ELE D **TENDER DRAWING** EXECUTING AGENCY:-FACT ENGINEERING & DESIGN ORGANISATION (FEDD) UDYOGMANDAL,KOCHI ASSOCIATES CONSULTANTS:-BUILDCON SOLUTIONS HEAD OFFICE :L-11,SARITA VIHAR, NEW DELHI-110076 TELE FAX :- 011-40506870 EMAIL-buildconsolutions@gmail.com DISCIPLINE:-ARCHITECTURE DRAWING TITLE: **GROUND FLOOR PLAN** (TYPE-V / G) DRAWING NO.-1608-A-402 SCALE: 1:100/A3 DATE: 21.10.2016 CHECKED BY:NPM PRODUCED BY AN AUTODESK STUDENT VERSION

(X1)

(Y1)

(Y2)

(Y3)

(Y4)

(Y5)

(Y6)

(Y7)

(Y8)

PRODUCED BY AN AUTODESK STUDENT VERSION

(X2)

3230

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TERRACE PLAN

2215

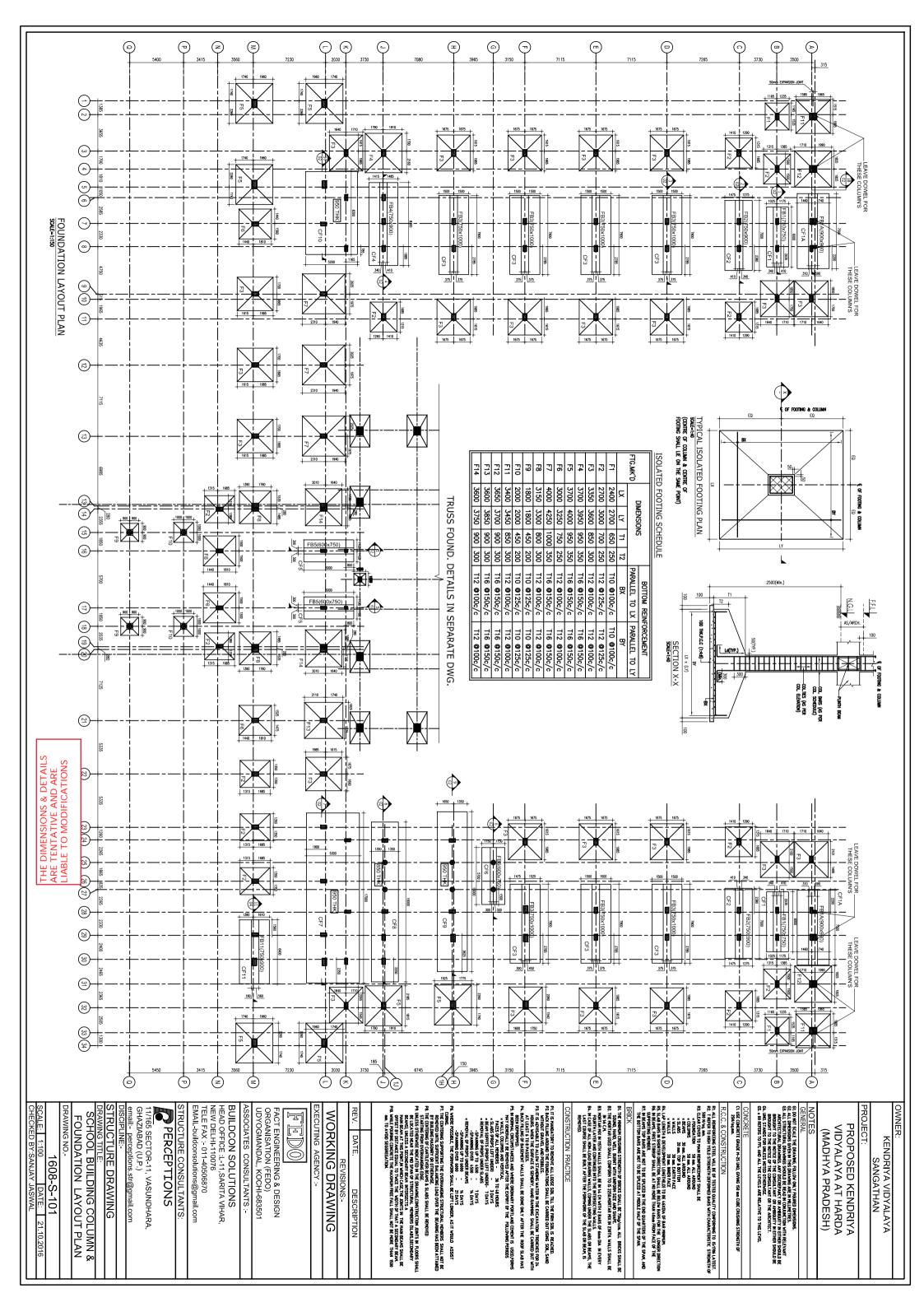
PARAPET 300MM

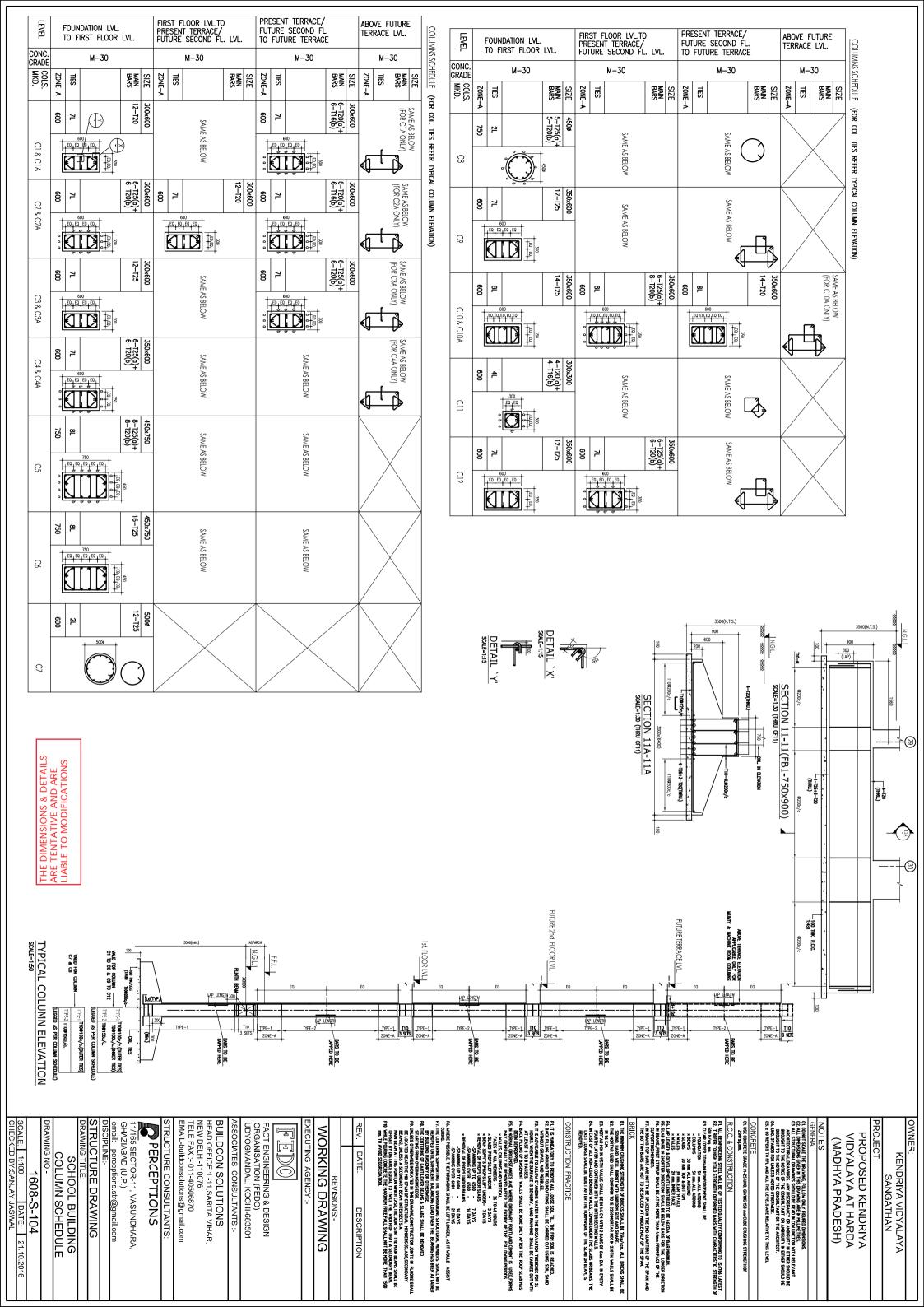
(X3)

PROPOSED KENDRIYA VIDYALAYA AT HARDA (MADHYA PRADESH)

S.N.	TYPE	OPENINGS	SILL	LINTEL	LOCATION	REMARKS
DO	DOORS					
1.	D8	800 X 2100	-	2100	TOILET	PVC DOOR
2.	D9	900 X 2100	-	2100	BED ROOM	FLUSH DOOR
3.	3. D12 1200 X 2100 - 2100 MAIN DOOR					FLUSH DOOR
WII	NDOW					
1.	W9	900 X 600	2100	2700	TOILET	STEEL WINDOW
2.	W15	1500 X 1200	900	2100	ROOM	STEEL WINDOW

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ARE	TENTATI	ONS & DETAILS VE AND ARE ODIFICATIONS	
REV.	DATE.	DESCRIPTION	
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AWING NO.-E: 1:100 JUATE: 1608-S-201

THE DIMENSIONS & DETAILS ARE TENTATIVE AND ARE LIABLE TO MODIFICATIONS

FOUNDATION LAYOUT PLAN STAFF QTR-II COLUMN &

GHAZIABAD (U.P.) RUCTURE DRAWING tions.str@gmail.com

165 SECTOR-11, VASUNDHARA,

TYP. DETAIL OF COLUMN REINF. TIES

PERCEPTIONS

TELE FAX :- 011-40506870 EMAIL-buildconsolutions@gmail.com NEW DELHI-110076

BUILDCON SOLUTIONS HEAD OFFICE :L-11,SARITA VIHAR,

FOOTING CONCRETE DIMENSION

REINF. PARELLEL TO TOP

(A)SHORT

SIDE

(B) LONG SIDE (A) SHORT SIDE (B)

REINF. PARELLEL TO BOTTOM REMARK

LONG SIDE SHORT SIDE DEPTH LONG SIDE

(A)
(B)
(D)
(d)

1900

300 300

300

FOOTING SCHEDULE

(TYP)

FOOTING SECTIONA-A

(A)x(B)

P:C:C: (1:4:8)

100

(F) 50

JNOS.-10C

SECTION C-C

(TYP)

ISOLATED FOOTING PLAN

OF COLUMN

-PLINTH BEAM

\ LVLS

COLS NO.

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ADDITIONAL R/F

-FLOOR BEAM

PLINTH, LVL. +450

50 LALROUND

COLUMN REINF.

--3NOS.-10 --1NO.-10

L>

TIES AS/TYP.DETAIL

300x3/5 10-12 AS/SECTION M20

ADDITIONAL R/F IN COLUMN (IF ANY)

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LFLOOR BEAM

300

COLUMN SCHEDULE

-80300

(TYP. PEDESTAL R/F DETAIL FOR ALL COL.)

MAIN R/F AS PER COL SCHEDULE

FLOOR BEAM

ВФФ75C/C 600 TIES

FOUNDATION TOP

AS/FOOTING DET.

as/det.

FACT ENGINEERING & DESIGN ORGANISATION (FEDO)
UDYOGMANDAL, KOCHI-683501

WORKING DRAWING

DATE.

WITHOUT GRAVEL AND PEBBLES.
PAIT IS ADVISABLE TO ALLOW STANDING WATER WITHE EXCAVATION TREMCHES FOR 24.
HOURS, WHEN THE SUBFACT IS SEMBLY, HAND RAMMING STALL BE CARRED OUT WITH
ALLEAST & 10 B ASSESTS.

PARCE FILMS OF BASSEST WALLS SHALL BE DONE DON'N AFTER THE ROOF SLAB HAS
BERN PEPROPED.

PAILS, COLUMNS AND YESTLEA.

PAILS, COLUMNS AND YESTLEAS.

PAILS, COLUMNS AND YESTLEA.

PAILS, COLUMNS AND YESTLEA.

PAILS, COLUMNS AND YESTLEAS.

PAILS, COLUMNS AND

P1.11 IS MANDATORY TO REMOVE ALL LOOSE SOIL TILL THE FIRM SOIL IS REACHED P2. BACK FILLING AROUND THE FOUNDATIONS SHALL BE CARRIED OUT USING SOIL, SAND WITHOUT GRAVEL AND PEBBLES.

CONSTRUCTION PRACTICE THE MINIMEM CRUSHING STRENGTH OF BRICKS SHALL BE TSAg/com. ALL. BRICKS SHALL BE SOUND, HARD, WELL BRIEN HIT UNEFORM SIZE AND SHAPE. STATE HARD, WELL BRIEN HIT UNEFORM SIZE AND SHAPE. STATE HALLS SHALL BE IN 16.0 MIN 16.

FOUNDATION PLAN

R1 ALL RENVOICEMS STEEL WILL BE OF TESTED DUALTITY CONFORMING TO 15/18% LATEST.

R2 T REFERT ON HOM REINFORCHENT SHALL BE

FOUNDATION 50 mm. ALL AGOUND

FOUNDATION 50 mm. 50 mm.

(*)

1 375

260 C1

300 260 C1

(4)

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(3)

(3)

375

115 C

375

1 375

300 115 C1

COLUMN LAYOUT PLAN

(3)

375

375

375

375

(3)

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-(X)

(4)

(S)

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(3)

1295 **(S)**

(4)

6

(3)

(E)

1820

1295

.C. & CONSTRUCTION

CONCRETE
C1. USE CONCRETE GRADE M-25 UND, GIVING 150 mm CUBE CRUSHING STRENGTH OF 25W 5q.mm.

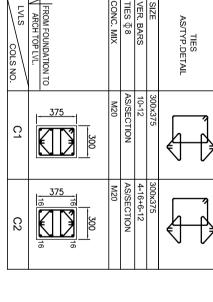
GLO NOT SCALE THE DRAWING, FOLLOW ONLY PROJECTO DIVERSIONS.
G2 ALL DIMENSIONS GYEN IN THIS DRAWING ARE IN MILLIMETRES.
G3 ALL STROCTURAL DRAWINGS SAULD BE READ IN CONJUNCTION WITH RELEVANT
G3 ALL STROCTURAL DRAWINGS. SAND DISCREPANCY OR AMBIGUITY IN RETHER SHOULD BE
REPOOJET TO THE NOTICE OF THE CONSULT NATI OR AMBIGUITY IN RETHER SHOULD BE
REPOOJET TO THE NOTICE OF THE CONSULT NATI OR THE ARCHITECT.
G5. 100 STRONG FOR WILLESS NOTED DIFFERNISE.
G5. 2 ON REFERS TO FFL AND ALL THE LEVELS ARE RELATIVE TO THIS LEVEL.

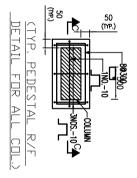
(MADHYA PRADESH)

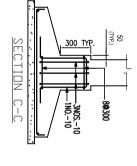
PROPOSED KENDRIYA VIDYALAYA AT HARDA

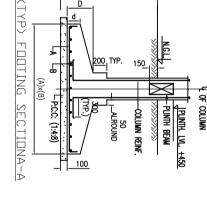
KENDRIYA VIDYALAYA SANGATHAN

THE DIMENSIONS & DETAILS ARE TENTATIVE AND ARE LIABLE TO MODIFICATIONS CALE: 1:100 | DATE: HECKED BY:SANJAY JASWA RAWING NO.-FOUNDATION LAYOUT PLAN 1608-S-301









ADDITIONAL R/F IN COLUMN (IF ANY)

8 (@ 75C/

L-FLOOR BEAM

C. & CONSTRUCTION

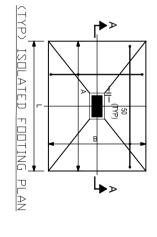
CONCRETE
C1. USE CONCRETE GRADE M-25 UND, GIVING 150 mm CUBE CRUSHING STRENGTH OF 25W 5q.mm.

8xe0150C/C 8xe075C/C 8xe075C/C 8xe0150C/C

₹@75C/C 600

GO AND STAKE THE DRAWING, FOLLOW ONLY PIGURED DIVENSIONS.
GO ALL DIMENSIONS GVIEN IN THIS DRAWING ARE IN MILLHETRES.
GO ALL STRUCTURAL DRAWINGS SANDLO BE RAD IN CODUMNITION WITH RELEVANT
GO ALL STRUCTURAL DRAWINGS. AND DISCREPANCY OR AMBIGUITY IN ETHER SHOULD BE
REPOIGHT TO THE WOTEG OF THE CONSULTANT OR ARBIGUITY IN ETHER SHOULD BE
REPOIGHT TO THE WOTEG OF THE CONSULTANT OR THE ARCHITECT.
GO S ON REFERS TO FFL AND ALL THE LEVELS ARE RELATIVE TO THIS LEVEL.

2500 (MIN)



ADDITIONAL R/F IN COLUMN (IF ANY)

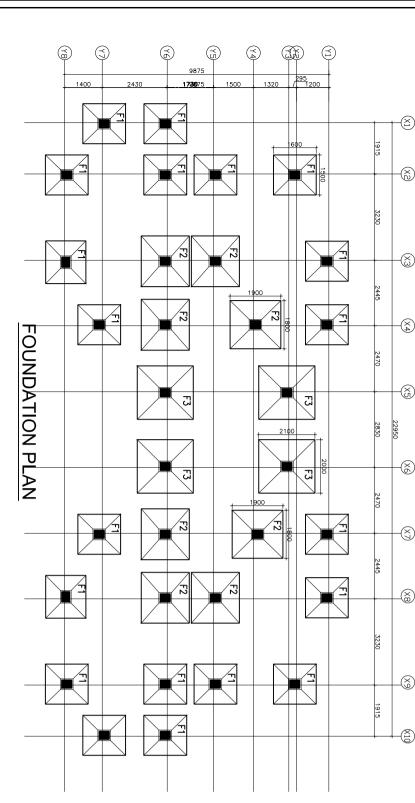
18 *@75C/C.

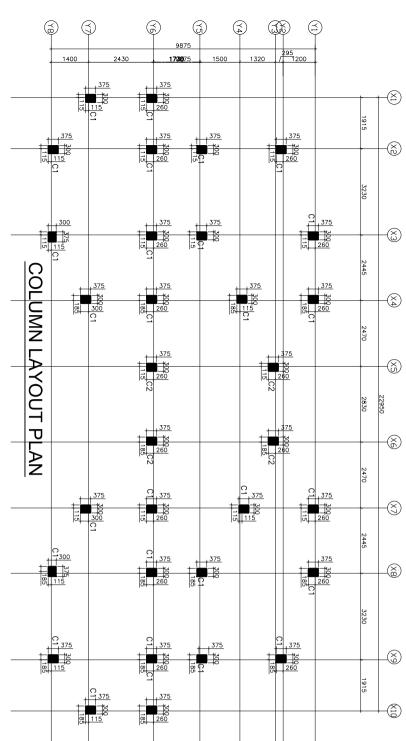
PROPOSED KENDRIYA VIDYALAYA AT HARDA (MADHYA PRADESH)

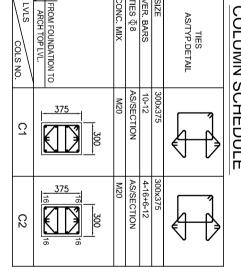
KENDRIYA VIDYALAYA SANGATHAN

47XDIA OF— COL BARS

3.NO.	FOOTING S.NO, MARKED		CONCRETE DIMENSION	N		REINF. PAF	REINF. PARELLEL TO TOP	REINF. PAREL	REINF. PARELLEL TO BOTTOM	(REMARI
		LONG SIDE	SHORT SIDE	DEPTH (D)	DEPTH (a)	LONG SIDE (A)	LONG SIDE SHORT SIDE DEPTH DEPTH LONG SIDE (A) SHORT SIDE (B) LONG SIDE (A) SHORT SIDE (B) (A)	LONG SIDE (A)	SHORT SIDE (B)	
	F1	1600	1500	450	300			10∰@150 C/C	10∰@150 C/C	
2.	F2	1900	1800	450	300			10∰@150 C/C	10¶@150 C/C	
3.	F3	2100	2000	450	300			10∰@150 C/C	10∰@150 C/C	







COLUMN SCHEDULE

BUILDCON SOLUTIONS HEAD OFFICE :L-11,SARITA VIHAR,

FACT ENGINEERING & DESIGN ORGANISATION (FEDO)
UDYOGMANDAL, KOCHI-683501

WORKING DRAWING

DATE.

TELE FAX :- 011-40506870 EMAIL-buildconsolutions@gmail.com

NEW DELHI-110076

PERCEPTIONS

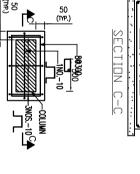
GHAZIABAD (U.P.)

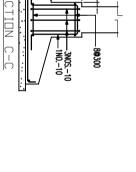
perceptions.str@gmail.com

165 SECTOR-11, VASUNDHARA,

RUCTURE DRAWING

STAFF QTR-III COLUMN'S &





COLUMN REINF. TIES

F. DAN'S TATUTAL MOUNDLE THE COMMAN NATIONAL RECOMMENDATIONAL OF ANNO PART A THE CHARGE OF ANNO PART A THE CHARGE OF ANNO PART AND PART AN

B≅@75C/C

FOUNDATION TOP

AS/FOOTING DET.

P1. IT IS MANDATORY TO REMOVE ALL LOOSE SOIL TILL THE FIRM SOIL IS REACHED.
P2. BACK FILLING AROUND THE FOUNDATIONS SHALL BE CARRIED OUT USING SOIL, SAND WITHOUT GRAVEL AND PEBBLES.

AS/DET.

MAIN R/F AS I COL. SCHEDULE

8₹@150C/C

CONSTRUCTION PRACTICE

84@75C/0

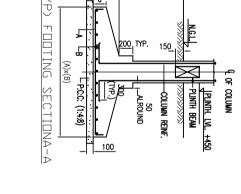
THE MANAGEMENT CRISCHING STREAM OF SHAPE, SALAL BE TSALACKEN. ALL BRICKS SHALL BE SOUND, HARD YALL USBRIT WITH UNDERSH SIZE AND SHAPE.

THE MERITAR USBS SHALL CONFIDENT TO 2725M/RFIAR MIX IN 220TH MAILLS SHALL BE 1845 CB.

METHER MIX IN 115TH MAILLS SHALL BE IN 14. CM MITH 2 BARS OF 6mm DIA IN EVERY TORTH LA TER AND CONTINUED BY THE INTESCTION WALLS.

METHER OF ALL INDIVIDUO BENAMEN WALLS COMING MORET FIE SLABS OR BEAMS, THE LAST COMES SHAPL BE BUILT AFTER THE FORMYORK OF THE SLABS OR BEAMS, IN ELAST COMES SHAPL BE BUILT AFTER THE FORMYORK OF THE SLABS OR BEAMS, IN ELAST COMES SHAPL BE BUILT AFTER THE FORMYORK OF THE SLAB OR BEAMS, THE LAST COMES SHAPL BE BUILT AFTER THE FORMYORK OF THE SLAB OR BEAMS, IN EMPORED SHAPL SHAPE SHAPL SHAP

FLOOR BEAM



₹@75C/C 600

GROUND LVL.

R1 ALL RENROGERAS STEEL MILL BEG DETESTED DUALITY COMPORING TO IS-TRES LATES?

R2 T REFER TO WAN RENFORCHMY SHALL BE

FOUNDATION

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**JOHN ALL AROUND

**SLABS*

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**JOHN EARTH SO THOM

SUMMES

VALLS

**JOHN EARTH SO THOM

SUMMES

FOUNDATION

SUMMES

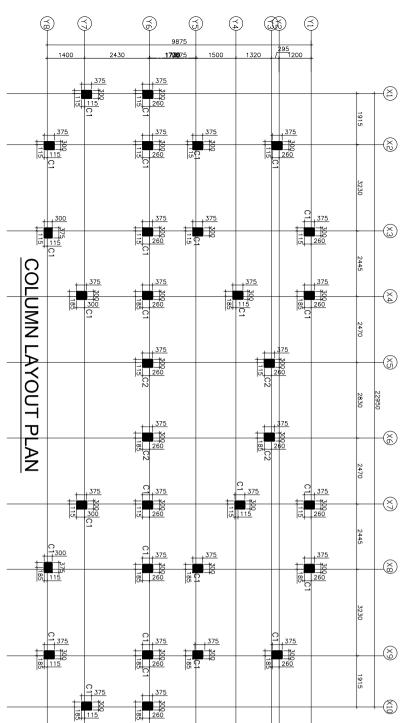
**JOHN ALL AROUND

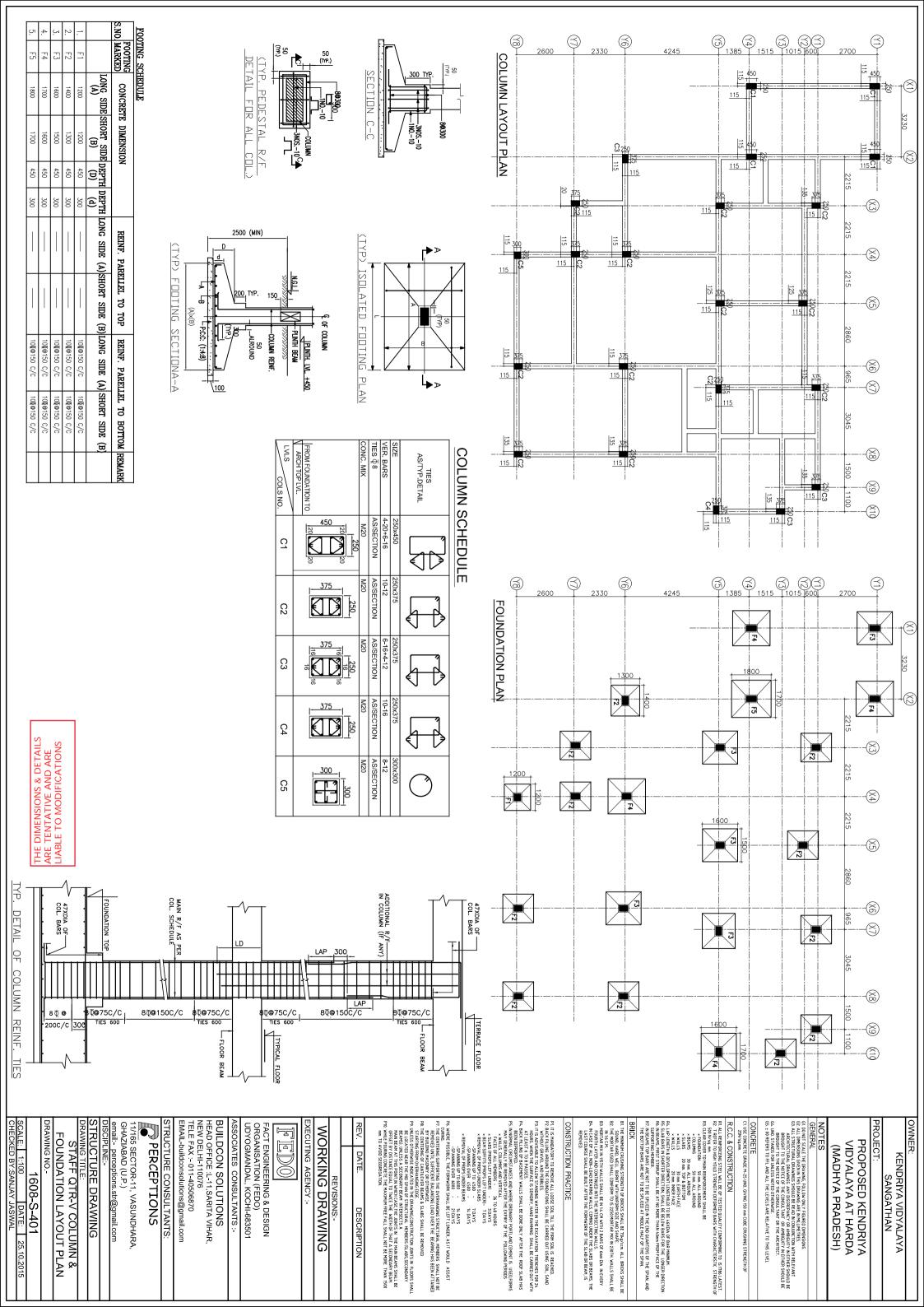
SLABS

**JOHN EARTH SO THOM

SUMMES

**JOHN EARTH SO THOM





Technical queries

	Bidder name:	Evercrest projects private limited				
	Tender no.	Construction of school buildings, staff quarters and other facilities including electrical works for kendriya 08001/2023-2024/e27627				
	Name of work					
Sr. No.	Item description	Technical query	Reply by FEDO			
1	Ht panels	Kindly clarify whether we have to quote for oem panels or channel partners will be Considered?	Make shall be as per the sub vendor list attached ie OEM panels			
		Kindly approve l&t make for ht panel.	Tender condition shall prevail. Shnieder make panels are acceptable.			
2	Lt panels	Kindly clarify whether panels are tta or non - tta?	Type tested panels are not envisaged. Make shall be as per the approved vendor list.			
3	Make	Kindly provide make for cable tray, solar.	Any standard make shall be selected. Items which are not included in the vendor list shall be got approved from FEDO before finalizing.			
4	Switch & socket	Makes are provided for switch socket like legrand, anchor, abb, l&t but range for the same is not mentioned. Which range of given make {i.e. Legrand make (legrand Myrius, legrand arteor etc), achor make (achor roma plus, anchor roma classic etc), crabtree make (crabtree athena, crabtree verona etc)}. Kindly clarify which range to be considered for all given makes of switch socket.	Vendor list only to be followed. Model shall be selected accordingly			