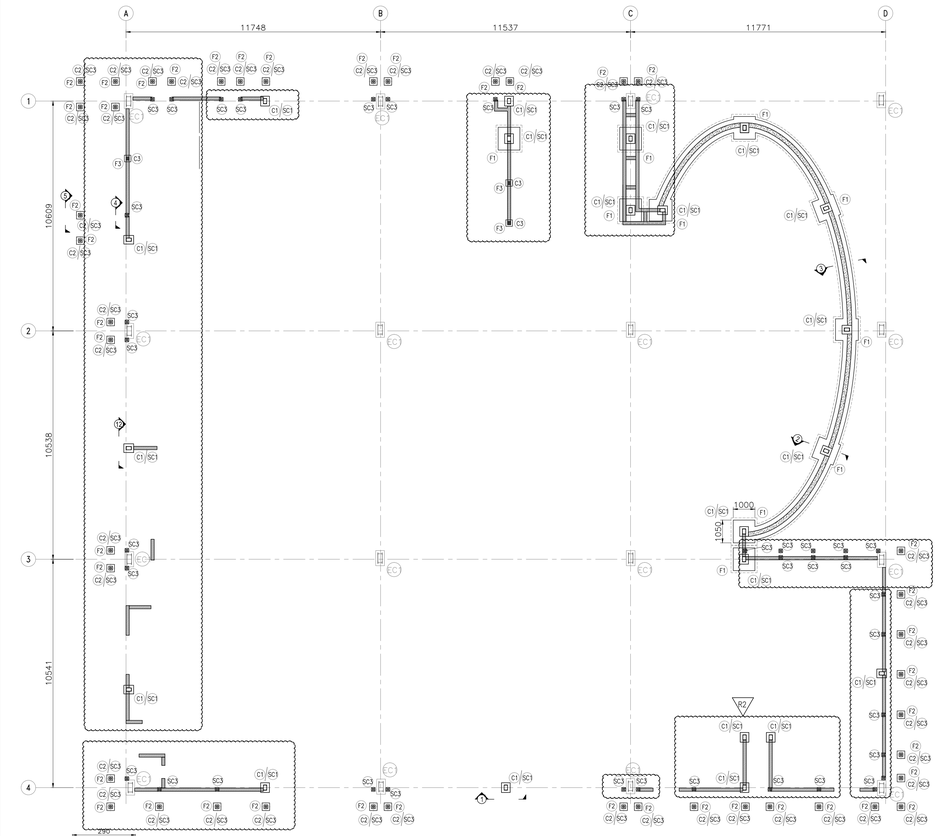


LAYOUT AT FOUNDATION / PLINTH LVL.

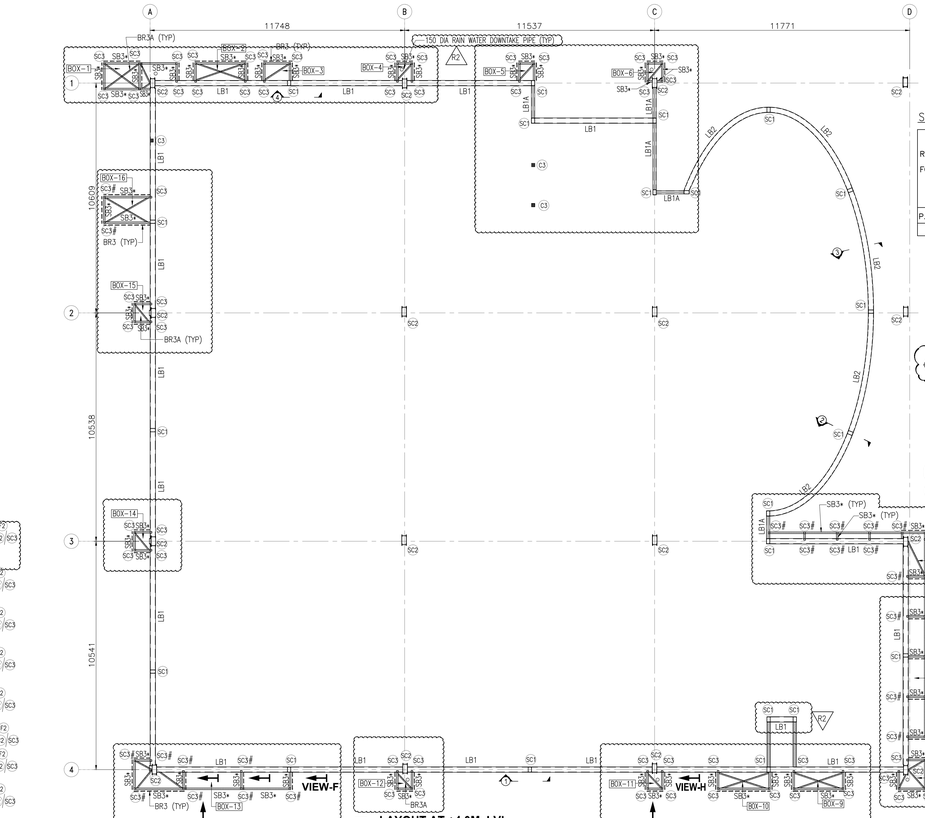
SCALE:- 1:100

INDICATES 200 THK R.C. WALL

INDICATES 150 THK BRICK WALL

EC1 = EXISTING COLUMN 2-ISMB200 @ 410 c/c WITH 470 WIDE x 8 THK PLT. ON BOTH FLANGES
EC1 STOPS AT 3.5 M. LVL. ABOVE PLINTH.

IMPORTANT NOTE:-BEFORE COMMENCING FABRICATION WORK, ORIENTATION & MEMBER SIZES OF EXISTING COLUMNS (EC1) TO BE CONFIRMED AT SITE & INFORMED TO CONSULTANT.



LAYOUT AT +4.0M. LVL.

SCALE:- 1:100

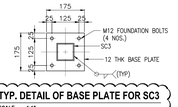
NOTE:-1) + INDICATES MEMBERS @ 1000 c/c VERTICALLY WITH DIAGONAL BRACING OF ISA 50x50x6
2) # INDICATES SC3 & STEEL BOXING STOPS AT 4.0M. LVL.
3) EXISTING COLUMN EC1 STOPS AT 3.5M. ABOVE PLINTH LVL. & NEW STEEL COLUMN SC2 TO BE ERECTED ABOVE EC1.
4) --- INDICATES ELEVATIONAL BRACING

SCHEDULE OF NEW STEEL MEMBERS

BEAM NO.	MEMBER	REMARKS
SC1	MC 250 BOX	COLUMN
SC2	2-ISMB300 @ 410 c/c WITH CONTINUOSLY WELDED 8 THK PLATE ON BOTH FLANGES	EXISTING COLUMN EC1 STOPS AT 3.5M. ABOVE PLINTH LVL. & NEW STEEL COLUMN SC2 TO BE ERECTED ABOVE EC1
SC3	SHS 90x90x4.0	COLUMN
SB1	ISMB 600 WITH CONTINUOSLY WELDED 240 WIDE x 10 THK PLATE ON BOTH FLANGES.	BEAM
SB2	MC 125 BOX	BEAM
SB3	SHS 72x72x4.0	BOXING MEMBER
SB4	ISMC 100	BEAM
SB5	ISMC 75	BEAM
SB6	SHS 60x60x3.0	BEAM
LB1A,LB4A	MC 250 BOX	BEAM
LB1,LB4,LB5	MC 250 BOX	BEAM
LB2,LB3	250x160 BOX FABRICATED FROM PLATES REFER TYPICAL DETAIL	CURVED BEAM
RB1	ISMB450	RAKER BEAM (SLOPING)
BR1	L 90x90x8	BRACING
BR2	L 50x50x6	RAFTER STAY
BR3	SHS 38x38x3.2	BOXING VERTICAL BRACING
BR3A	SHS 38x38x3.2	BOXING PLAN BRACING
BR4	ISMC150	BEAM
BR5	ISMC150	BEAM
BR6	L 90x90x8	STAY FOR SC1
P1	ISMC 150 WITH SAG ROD @ CENTRE	PURLIN

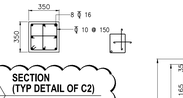
SCHEDULE OF R.C. FOOTING

R.C.C FOOTING	SIZE	1050 x 1000	350 x 350
	D=,d=	250	350
	STEEL ALONG LONG SPAN	8 @ 150 (TOP) 10 @ 150 (BOT)	4 10 (BOT)
	STEEL ALONG SHORT SPAN	8 @ 150 (TOP) 10 @ 150 (BOT)	4 10 (BOT)
P.C.C. 1:3:6 100 THK.		1250 x 1200	550 x 550
FOOTING NOS.		F1	F2



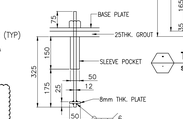
TYP. DETAIL OF BASE PLATE FOR SC3

SCALE 1:10



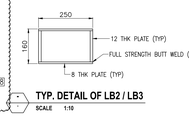
SECTION (TYP DETAIL OF C2)

SCALE 1:25



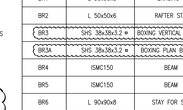
TYP. DETAIL OF M12 FOUNDATION BOLT

SCALE 1:10



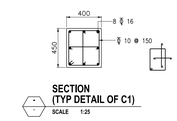
TYP. DETAIL OF LB2 / LB3

SCALE 1:10



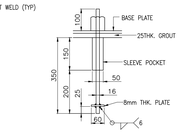
TYP. DETAIL OF BASE PLATE FOR SC1

SCALE 1:10



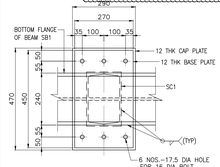
SECTION (TYP DETAIL OF C1)

SCALE 1:25



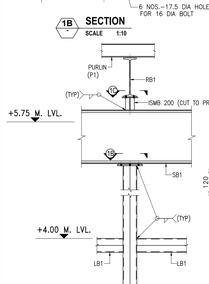
TYP. DETAIL OF M16 FOUNDATION BOLT

SCALE 1:10



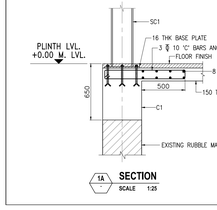
1B SECTION

SCALE 1:10



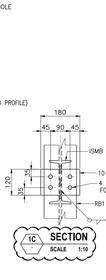
1 SECTION

SCALE 1:25



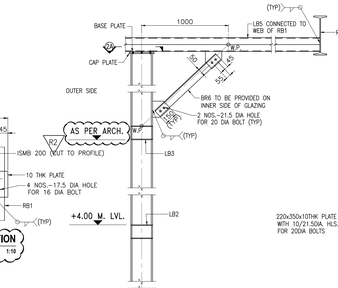
1A SECTION

SCALE 1:25



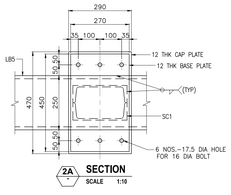
1C SECTION

SCALE 1:10



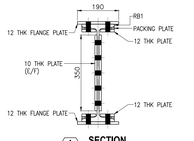
2 SECTION

SCALE 1:25



2A SECTION

SCALE 1:10



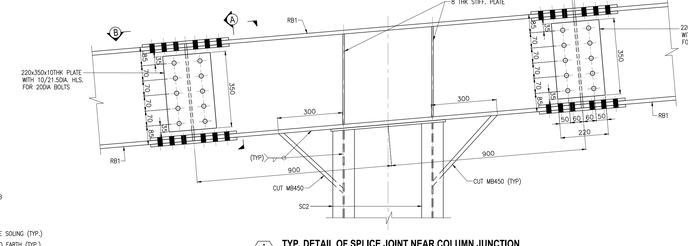
A SECTION

SCALE 1:10



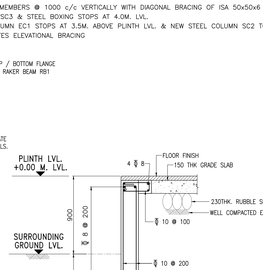
B SECTION

SCALE 1:10



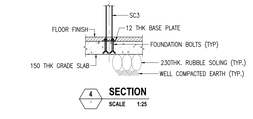
TYP. DETAIL OF SPLICE JOINT NEAR COLUMN JUNCTION

SCALE 1:10



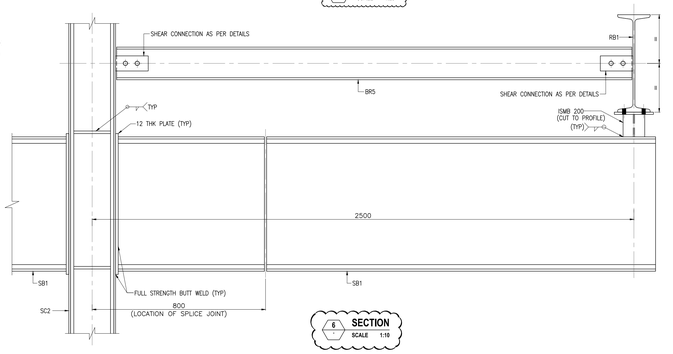
3 SECTION

SCALE 1:25



4 SECTION

SCALE 1:25



6 SECTION

SCALE 1:10

X SECTION

SCALE 1:50

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1) ANY DISCREPANCY BETWEEN THIS DRAWINGS AND DRAWINGS OF ARCHITECTS, MEP AND OTHER CONSULTANTS SHALL BE BROUGHT TO OUR NOTICE BEFORE CONSTRUCTION.
2) ALL CONCRETE FOR STRUCTURAL USE SHALL BE WEIGH BATCHED,MACHINE MIXED AND MECHANICALLY VIBRATED.
3) IF SPECIFICALLY AGREED IN OUR CONTRACT OUR SCOPE WILL INCLUDE PERIODIC SUPERVISION AT SITE TO MAINLY VERIFY REINFORCEMENT PLACEMENT AND GENERAL QUALITY OF CONSTRUCTION. THE OWNER WILL APPOINT LICENSED SUPERVISOR FOR DAY TO DAY SUPERVISION OF CONSTRUCTION. THE RESPONSIBILITY FOR SOUND AND SAFE CONSTRUCTION SHALL LIE SOLELY WITH THE CONTRACTOR AND OWNER.
4) THE RESPONSIBILITY OF KDPL SHALL INCLUDE THE CORRECTNESS OF STRUCTURAL DESIGN AS REFLECTED IN THIS DRAWING BUT WILL EXCLUDE THE FOLLOWING:
   A) DESIGN AND SAFETY OF SCAFFOLDING, SHUTTERING, CENTERING AND ANY OTHER TEMPORARY STRUCTURE ERECTED AT SITE.
   B) ANY INJURY CAUSED TO ANY PERSON AT SITE DUE TO ANY ACCIDENT CAUSED FOR REASONS OTHER THAN FAULTS IN THIS DRAWING.
   C) SAFETY OF ANY BUILDING, ROAD AND OTHER STRUCTURES NEAR THE CONSTRUCTION SITE AND ANY PERSON THEREIN AND SAFETY OF ANY STRUCTURE OR PERSON DURING DEMOLITION AND EXECUTION WORK.

Key Plan

GENERAL NOTES

1) ALL DIMENSIONS ARE IN MILLIMETRES AND LEVELS, COORDINATES ARE IN METRES, UNLESS NOTED OTHERWISE.
2) DO NOT SCALE THE DRAWING. ONLY WRITTEN DIMENSIONS TO BE FOLLOWED.
3) FOR CENTERLINES, LEVELS ETC. REFER ARCHITECTURAL DRGS.
4) C. C. MIX FOR ALL R.C. WORKS TO BE M25 UNLESS NOTED OTHERWISE.
5) 8 INDICATES HIGH STRENGTH DEFORMED BARS Fe500 AS PER IS CODE 1786 BUT % ELONGATION SHOULD BE MORE THAN 14.5%
6) CLEAR COVER TO MAIN BARS AS FOLLOWS :
   FOOTINGS – 50 mm,
   COLUMNS – 40 mm.
7) ALL WELD 8 mm CONTINUOUS FILLET WELD AS PER IS 816(U.N.O.)
8) ALL GUSSET PLATE SHOULD BE 10 THK UNLESS NOTED OTHERWISE.
9) ALL DIMENSIONS MUST BE VERIFIED ON SITE BEFORE FABRICATION.
10) ALL STEEL SECTIONS SHOULD CONFIRM TO GRADE Fe 250 AS PER CODE IS800
11) CONTRACTOR SHOULD SUBMIT FABRICATION DRG. FOR APPROVAL.
12) ALL STEEL WORK TO RECEIVE ONE COAT OF RED OXIDE BEFORE ERECTION & SHOULD BE PAINTED WITH 3 COATS OF POLYEURETHENE PAINT FOR CORROSION PROTECTION.
13) BOLTS TO BE a) 12ø in 13.5 DIA HOLES.
    b) 16ø in 17.5 DIA HOLES.
    c) 20ø in 21.5 DIA HOLES.
    d) 25ø in 27.0 DIA HOLES.

REFERENCE DRG.

K435-GFC-S.O. (C)-S3	LAYOUT & DETAILS AT FOUNDATION,RAFTER & PURLIN LVL.
K435-GFC-S.O. (C)-S2	LAYOUT & DETAILS AT FOUNDATION,RAFTER & PURLIN LVL.

DRG. NO. | DRG. TITLE

ISSUE	PURPOSE OF ISSUE	DATE	CHKD.
R2	REVISED AS MARKED	27.10.15	DAS
R1	REVISED AS MARKED	21.10.15	DAS

PROJECT:

PLOT C- SALES GALLERY AT KOLSHET THANE

CLIENT:

LODHA GROUP

CONSULTING ARCHITECT:

HAFEEZ CONTRACTOR
ARCHITECT HAFEEZ CONTRACTOR
29 BANK STREET,
SONAWALA BUILDING , 1ST FLOOR , FORT
MUMBAI–400023
TEL. +91 22 2266 1920

ARCHITECT OF RECORD:

STRUCTURAL CONSULTANTS:

Dr. Kelkar Designs Pvt. Ltd.
Consulting Civil–Structural Engineers
610, Keshava, Bandra Kurla Complex, Mumbai 400051
91–22–26592277/78/79 www.kelkardesigns.com

MEP CONSULTANT:

DRAWING TITLE:

LAYOUT & DETAILS AT FOUNDATION, RAFTER & PURLIN LVL.

GOOD FOR CONSRUCTION

ORIGINAL SCALE	Drawn:- DAS	Checked:- VRM	Authorised:- ASB	Size
1:1	Date:- 13.10.2015	Date:- 13.10.2015	Date:- 13.10.2015	A0

DRAWING NUMBER: K435-GFC-S.O. (C)-S1 | Rev: R2