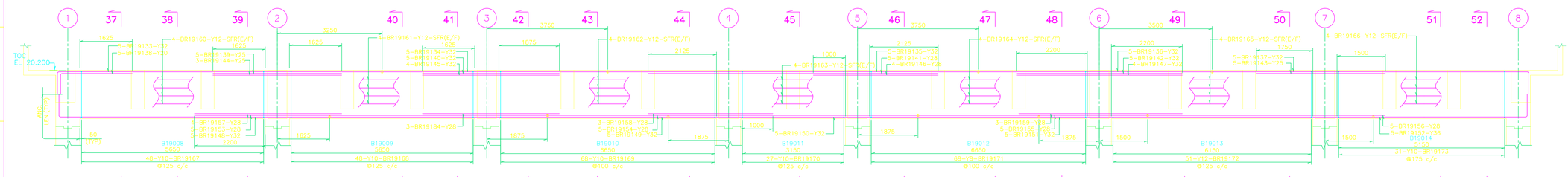
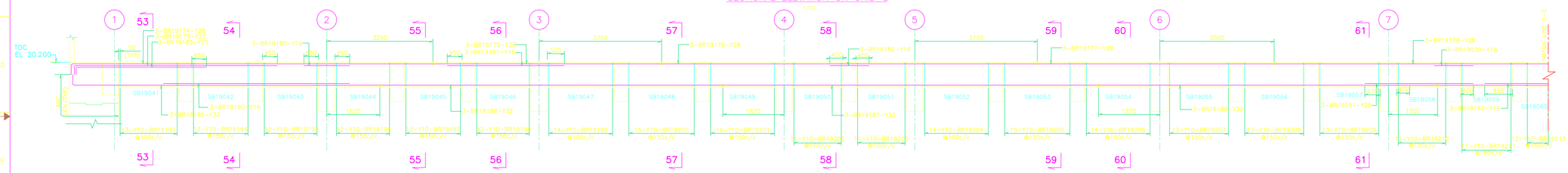
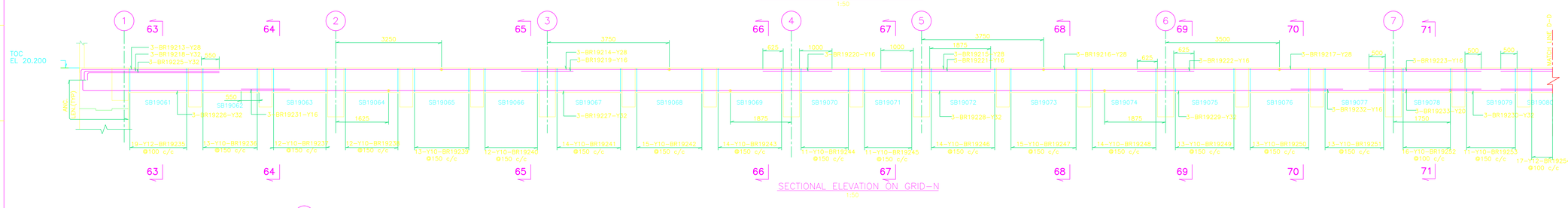


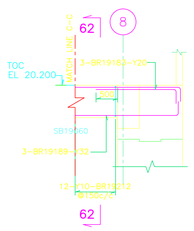
SECTIONAL ELEVATION ON GRID-L
1:50



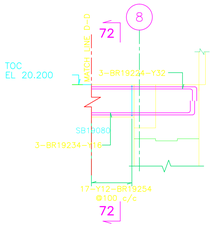
SECTIONAL ELEVATION ON GRID-M
1:50



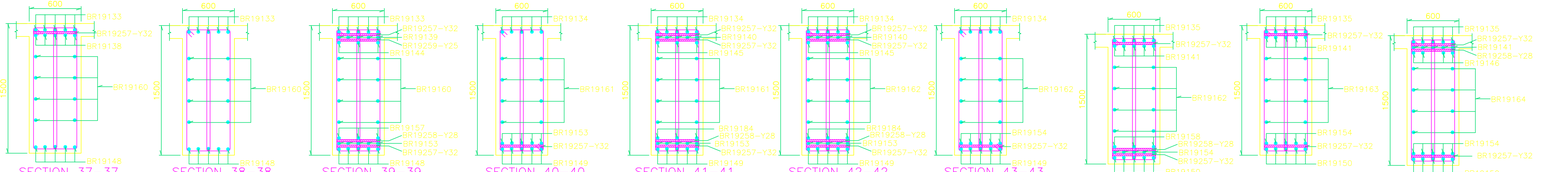
SECTIONAL ELEVATION ON GRID-N
1:50



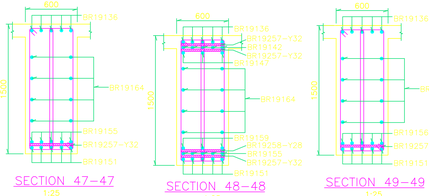
SECTIONAL ELEVATION ON GRID-M
1:50



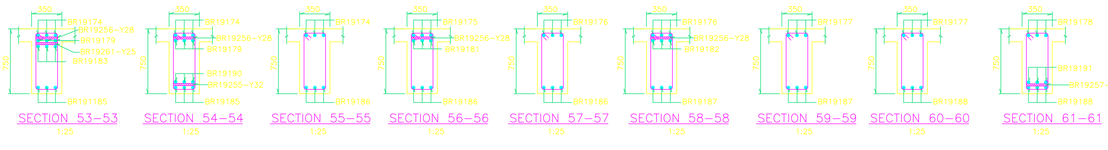
SECTIONAL ELEVATION ON GRID-N
1:50



SECTION 37-37 1:25
SECTION 38-38 1:25
SECTION 39-39 1:25
SECTION 40-40 1:25
SECTION 41-41 1:25
SECTION 42-42 1:25
SECTION 43-43 1:25
SECTION 44-44 1:25
SECTION 45-45 1:25
SECTION 46-46 1:25



SECTION 47-47 1:25
SECTION 48-48 1:25
SECTION 49-49 1:25
SECTION 50-50 1:25
SECTION 51-51 1:25
SECTION 52-52 1:25



SECTION 53-53 1:25
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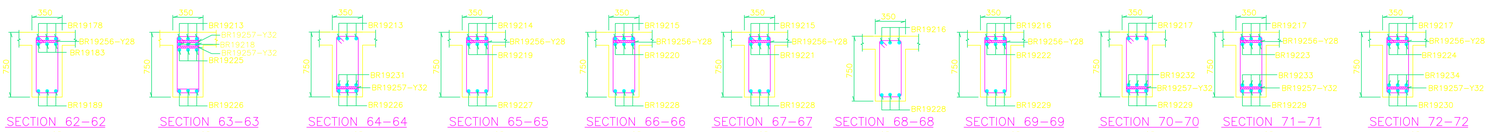
SECTION 59-59 1:25
SECTION 60-60 1:25
SECTION 61-61 1:25



SECTION 62-62 1:25
SECTION 63-63 1:25
SECTION 64-64 1:25
SECTION 65-65 1:25
SECTION 66-66 1:25
SECTION 67-67 1:25
SECTION 68-68 1:25
SECTION 69-69 1:25
SECTION 70-70 1:25
SECTION 71-71 1:25
SECTION 72-72 1:25

LEGENDS:

TYP.	TYPICAL	TOC	TOP OF CONCRETE
UNO	UNLESS NOTED OTHERWISE	Ⓒ	COUPLER
EL.	ELEVATION LEVEL	SFR	SIDE FACE REINF.
℄	CENTER LINE	(E/F)	EACH FACE
ANC.LEN.	ANCHOR LENGTH		

BR19XXX — BEAM NO. / ZONE NO. / BEAM

SB19XXX — BAR MARK NO. / LEVEL / ZONE NO. / REINF. / BEAM

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETERS AND ELEVATIONS IN METERS UNO.
2. FIRST STIRRUP SHALL START AT 50mm FROM THE FACE OF COLUMN.
3. REINFORCEMENT STEEL SHALL BE OF GRADE Fe500D CONFORMING TO IS: 1786-2008 AND GRADE OF CONCRETE SHALL BE M 30.
4. ALL BAR POSITIONS ARE MARKED TO THE CENTER LINE OF BARS UNO.
5. REINFORCEMENT, IF REQUIRED MAY BE MARGINALLY SHIFTED OR BENT TO CLEAR OPENINGS / EMBEDMENT ETC., BUT IN NO CASE IT SHALL BE CUT WITHOUT PRIOR APPROVAL OF ENGINEER.
6. THREADED BAR COUPLERS SHALL BE USED FOR EXTENSION OF BARS AT LOCATIONS SHOWN IN DRAWING.
7. TO MAINTAIN CORRECT POSITION OF REINFORCING BARS AND TO PREVENT DISPLACEMENTS OF BARS DURING PLACING AND COMPACTION OF CONCRETE, COVER BLOCKS, SPACERS AND CHAIRS CONFORMING TO IS:2502, SHALL BE USED.
8. LAP LENGTH SHALL NOT BE LESS THAN 50 TIMES DIAMETER OF BARS.
9. LAPS SHALL BE STAGGERED SO THAT NOT MORE THAN 50% BARS ARE SPLICED AT SAME LOCATION. CLEAR DISTANCE BETWEEN SUCH STAGGERED SPLICES SHALL NOT BE LESS THAN 1.3 TIMES LAP LENGTH.
10. STIRRUPS SHALL HAVE 135° HOOK WITH 10 DIAMETER EXTENSION (BUT NOT LESS THAN 75mm) AT EACH END.

11. CLEAR COVER FOR MAIN REINFORCEMENT SHALL BE AS FOLLOWS UNO:
ALL BEAM BOTTOM AND SIDE — 50MM
FOR BEAM TOP — 35MM

CONSTRUCTION REFERENCE DWG.:

	ENGINEERING REFERENCE DRAWING (TITLE)	DRAWING NO.	REV. NO.
1.	BEAM LAYOUT DRAWIG AT TOC EL.(+)20.200 FOR FFF BUILDING-1, ZONE-1	XXXXX-62250-GA-2136	C
2.			
3.			
4.			
5.			
6.			

XXXXX	CHECKED STAGE-1	CHECKED STAGE-2	APPROVED STAGE-1	APPROVED STAGE-2
CIVIL				
MECH				
PROCESS				

XXXXX	CHECKED STAGE-1	CHECKED STAGE-2	APPROVED STAGE-1	APPROVED STAGE-2
ELEC				
I&C				

XXXXX'S ACCEPTANCE

DO NOT SCALE

ISSUE No.	DRAWING RELEASED FOR	DATE	REV. NO.	DESCRIPTION	DRAWN BY	DESD BY	DESN CHD BY	PROCESS	CIVIL	ELEC.	MECH/ SP.PRO.	I&C	APPROVED
1	REVIEW AND COMMENTS	15.07.11	A	FIRST ISSUE		ERK	ASD	–	KYD	–	–	–	MVS
2	REVISED AS MARKED	21.07.11	B										
3	REVISED AS MARKED	25.07.11	C										

ISSUE BLOCK — REVISION BLOCK

FILE NAME :

CLIENT :

PROJECT :

TITLE: BEAM REINFORCEMENT DETAIL

DESD.	DATE
DESN CHD.	DATE
DRN.	DATE
DRG. CHD.	DATE
APPD.	DATE
SCALE: 1:100	DV- CV

ORIGINATING AGENCY

PROJECTION

DRG.NO.

REV

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