



01 TO 150 BAR MARK FOR BEAM REINFORCEMENT

OMITTED BAR MARK NO.: 133, 134, 135

NOTES / LEGENDS

1. ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE NOTED.
2. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.
3. COMPRESSION STRENGTH OF CONCRETE AT 28 DAYS = 35 Mpa
4. GRADE OF STEEL = A496M GRADE 400.
5. COVER FOR BEAM REINFORCEMENT = 40 mm
6. LEGEND FOR CLAU OUT
7. ABBREVIATION



LEGENDS FOR CSB

CLASS	HA	HA	SA	SA	SA
10	270	305	355	400	460
12	300	335	385	430	490
14	330	365	415	460	520
16	360	395	445	490	550
18	390	425	475	520	580
20	420	455	505	550	610
22	450	485	535	580	640
24	480	515	565	610	670
26	510	545	595	640	700
28	540	575	625	670	730
30	570	605	655	700	760
32	600	635	685	730	790
34	630	665	715	760	820
36	660	695	745	790	850
38	690	725	775	820	880
40	720	755	805	850	910
42	750	785	835	880	940
44	780	815	865	910	970
46	810	845	895	940	1000
48	840	875	925	970	1030
50	870	905	955	1000	1060
52	900	935	985	1030	1090
54	930	965	1015	1060	1120
56	960	995	1045	1090	1150
58	990	1025	1075	1120	1180
60	1020	1055	1105	1150	1210

REFERENCE DRAWINGS

S.N.O	DRAWING NUMBER	REV	TITLE
01	433-A001-S-10-01-013	05	LEVEL 2 REINFORCEMENT PLAN AREA AA13
02	433-A001-S-10-02-013	04	CONCRETE BEAM SCHEDULE
03	433-A001-S-10-03-013	05	CONCRETE BEAM SCHEDULE
04	433-A001-S-10-04-013	05	CONCRETE BEAM SCHEDULE
05	433-A001-S-10-05-013	02	CONCRETE SECTIONS AND DETAILS

KEY PLAN



REVISION:

REV	DESCRIPTION	PREPARED	CHECKED	DATE
01	ISSUED FOR APPROVAL	HP	HP	07/05/2014

APPROVED AS SUBMITTED
 APPROVED WITH NO CHANGES
 DISAPPROVED RESUBMIT
 PROJECT NAME:

CLIENT:

ENGINEER:

CONTRACTOR:

DESIGNER:

PHASE & DISCIPLINE:

SHOP DRAWINGS
STRUCTURAL

DRAWING TITLE:

NARROW BODY HEAVY MAINTENANCE HANGARS
REINFORCEMENT DETAILS - AREA AA13
SHEET 3 OF 13

PROJECT NUMBER	DRAWING NUMBER	REV
433-A001-S-SH-11-2-1928		00