

BAR BENDING SCHEDULE

Aircraft Maintenance Hangers Project Jeddah					Drawing No:- 433-A001-S-SH-10-1-1212										Rev	10	Date Prepared	04.04.2014	SHEET	1	OF	8
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MEMBER	BAR MARK	NO OF MBRS	NO. OF BARS IN EACH	QTY	SIZE	TOTAL LENGTH	SHAPE CODE	A mm*	B mm*	C mm*	D mm*	E mm*	F mm*	G mm*	H mm*	J mm*	K mm*	O mm*	R mm*	TOTAL Wt KG	BAR SHAPE
T1	101	1	329	329	T #	10290	17		100	10190										3006.00	
T1	102	1	2099	2099	T #	12000	0		12000											22365.16	— STRAIGHT —
T1	103	1	2099	2099	T #	7285	0		7285											13577.52	— STRAIGHT —
T1	104	1	159	159	T #	11125	0		11125											1570.64	— STRAIGHT —
T1	105	1	167	167	T #	9680	0		9680											1435.39	— STRAIGHT —
T1	106	1	311	311	T #	8020	0		8020											2214.69	— STRAIGHT —
T1	107	1	329	329	T #	6480	17		100	6380										1892.99	
T1	108	1	147	147	T #	9395	0		9395											1226.29	— STRAIGHT —
T1	109	1	162	162	T #	6695	0		6695											963.04	— STRAIGHT —
																			Weight	48251.72	

NOTES / LEGENDS

- ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE NOTED.
- ALL LEVELS ARE IN M UNLESS OTHERWISE NOTED.
- COMPRESSIVE STRENGTH OF CONCRETE AT 28DAYS = 35 Mpa.
- GRADE OF STEEL = A615M GRADE 420.
- COVER FOR SLAB REINFORCEMENT = 25 mm
- LEGEND FOR CALLOUT

7. ABBREVIATION

- B - BOTTOM LAYER
- T - TOP LAYER
- TOC - TOP OF CONCRETE
- CJ - CONSTRUCTION JOINT
- EJ - EXPANSION JOINT
- THK - THICK
- EL - ELEVATION
- T - THICKNESS
- ADD. - ADDITIONAL

CLASS	CLASS A		CLASS B	
	SA	SB	SA	SB
10A	1d	1d	1d	1d
10B	270	355	355	460
110	340	440	440	575
112	410	530	530	690
116	545	705	705	915
120	680	880	880	1145
125	1060	1375	1375	1785
132	1355	1760	1760	2285

REFERENCE DRAWINGS

S.No.	DRAWING NUMBER	REV	TITLE
01	433-A001-S-FD-05-X-001	02	GENERAL NOTES
02	433-A001-S-FD-02-I-1013	05	LEVEL 1 FRAMING PLAN (AREA-AA13)
03	433-A001-S-FD-05-X-0302	03	TYPICAL CONCRETE DETAILS
04	433-A001-S-FD-05-X-0022	02	CONCRETE ELEVATED SLAB SCHEDULE

KEY PLAN

REVISION:

REV	DESCRIPTION	PREPARED	CHECKED	DATE
10	ISSUED FOR APPROVAL	RS	NP	05/04/2014

DRAWING BY	DESIGNED BY	CHECKED BY	APPROVED BY	DATE
	MS	SB		

APPROVED AS SUBMITTED
 APPROVED WITH IND. CHANGES
 DISAPPROVED, RESUBMIT

PROJECT NAME:
AIRCRAFT MAINTENANCE HANGARS

CLIENT:

ENGINEER:

CONTRACTOR:

PHASE & DISCIPLINE:
**SHOP DRAWING
 STRUCTURAL**

DRAWING TITLE:
**AIRCRAFT COMPONENT MAINTENANCE SHOPS
 LEVEL-1 SLAB REINFORCEMENT DETAILS
 TOP B1 LAYER AREA-AA13
 SHEET 2 OF 7**

PROJECT NUMBER	DRAWING NUMBER	REV.
SIZE	SCALE	
A0	1:150	