



ROOM LIST	
ROOM No.	ROOM NAME
1	HEAD OFFICE
2	GENERAL KITCHEN STORAGE
3	REFRIGERATOR
4	VEGETABLE PREPARATION
5	EXTERNAL STORAGE
6	KABAB COOKING
7	HVAC ROOM
8	CORRIDOR
9	KITCHEN STAFF ROOM
10	KITCHEN AREA
11	WASHING
12	GARBAGE AREA
13	LOCKERS
14	J.C.
15	SHOWER
16	TOILET
17	ELEC. ROOM
18	STAFF AIR LOCK
19	WEIGHT AREA
20	ENTRANCE AREA

- GENERAL NOTES:
- THREE PHASE SURFACE MOUNTED, 16A, 230V CAP SOCKET OUTLET WITH EARTH CONNECTION
  - SINGLE PHASE FLUSH MOUNTED, 16A, 230V CAP SOCKET OUTLET WITH EARTH CONNECTION
  - SINGLE PHASE SURFACE MOUNTED, 16A, 230V,CAP SOCKET OUTLET WITH EARTH CONNECTION
  - DISTRIBUTION PANEL
  - NORMAL SOCKET CIRCUIT
- 1- THIS DRAWING IS VALID ONLY FOR SOCKET SYSTEM LAYOUT.
- 2- INSTALLATION HEIGHT OF SOCKETS SHALL BE:  
0.3m IN OFFICE AREA & KITCHEN STAFF ROOM,  
1.2m ABOVE FINISHED FLOOR IN ALL AREAS EXCEPT AREAS AS SPECIFIED.
- 3- INSTALLATION SOCKET SHALL BE FLUSH MOUNTED OR SURFACE MOUNTED ACCORDING TO TYPE OF SOCKET AS SPECIFIED IN DRAWING.
- 4- THE CROSS SECTION OF WIRE AND THEIR CONDUITS FOR EACH LINE OF OUTLETS FROM DISTRIBUTION PANEL TO SOCKET AS SHOW ON DRAWING 3x2.5mm<sup>2</sup> NYMHY IN Pg16 AND 3x4mm<sup>2</sup> NYMHY IN Pg 21 CONDUIT AND 5x6mm<sup>2</sup> IN Pg32.
- 5- METALLIC BODY OF ALL EQUIPMENT SHOULD BE CONNECTED TO EARTH SYSTEM.
- 6- CONDUITS USED IN ALL AREAS SHOULD BE HOT DEEP GALVANIZED (HDG) AND SURFACE/FLUSH MOUNTED ACCORDING TO TYPE OF SOCKET.
- 7- BENDING RADIUS OF CONDUITS OR PIPES / CABLES SHOULD BE 10-11/7 TIMES OF ITS DIAMETER.
- 8- CABLING CAN BE DONE BY PULLING THE CABLE ON THE CABLE TRAY AND MOVING TO THE NEAREST SOCKET WITH CONDUIT (SEE DETAIL "A").
- 9- THE SAME SIZE WIRE CAN BE USED INSTEAD OF CABLE IN CONDUIT.
- 10-SOCKET POSITION SHOWN IN THIS DRAWING COULD BE MODIFIED ACCORDING TO SITE DETAILS OR COORDINATION WITH OTHER SYSTEMS.

KEY PLAN

THIS LOCATION

00 1399/04/26 IFA

REVISION NO. DATE DIScription

PROJECT: **Golgohar Steel Project**

PROJECT DRAWING No. REV

DRAWING TITLE : **DRP KITCHEN SOCKET SYSTEM LAYOUT**

DESIGNED	M.OMRANIAN	DATE	1399/04/20	SCALE	NTS	SIZE	A1
DRAWN	M.ALPUR	DATE	1399/04/26	PROJECT REF. NO.			
BARSOO CONSULTING and PROJECT MANAGEMENT		REV.	CHECKED	M.OMRANIAN	DATE	1399/04/27	
157DEGB1045002		00	APPROVED	A.GOUARZI	DATE	1399/04/31	