

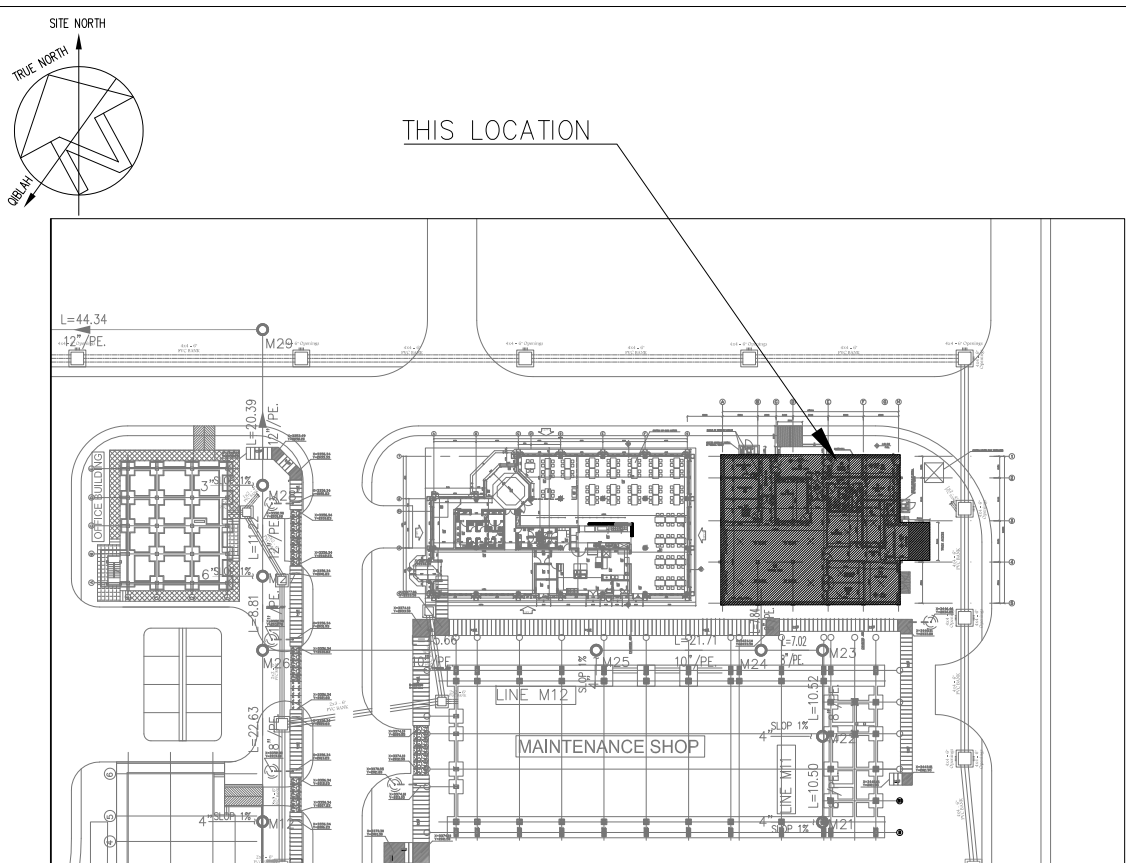
1:100 1 AIR CONDITIONING DUCTWORK ROOF PLAN


DUCT WORK NOTE

- 1- all dimensions are in inches unless otherwise notified.
- 2- the material of the duct should be made of galvanized steel sheet with the following thickness:
- | SHEET THICKNESS IN (mm.) | SHEET METAL GAUGE | MAXIMUM SIZE OF DUCT LONGER SIDE (IN.) |
|--------------------------|-------------------|--|
| 0.50                     | 26                | UP TO 12                               |
| 0.60                     | 24                | 13 TO 30                               |
| 0.75                     | 22                | 31 TO 54                               |
| 1                        | 20                | 55 TO 81                               |
- 3- hvac equipment dimensions are hold until vendor information is finalized.
- 4- the supply diffusers--return grill--exhaust grill--transfer air grill are aluminum type and equipped with opposed blade damper.
- 5- duct insulation shall be included canvas wrapping and mastic coating.
- 6- the supply and return duct should be insulated by rock wool blanket or equivalent insulation with maximum thermal conductivity of 0.04 w/m-k , 24 kg/m3 density and 2"(25 mm) thickness , @ 20' c, according to the following table:

LOCATION OF DUCT	TYPE OF AIR		
	SUPPLY AIR	RETURN AIR	FRESH AIR
IN NONE AIR CONDITIONED AREAS	25 (mm.)	25 (mm.)	NOT INSULATED
IN AIR CONDITIONED AREAS	25 (mm.)	NOT INSULATED	NOT INSULATED

KEY PLAN



00	1399/3/17	IFA	PROJECT:					
REVISION NO.	DATE	DISCRIPTION	PROJECT: Golgohar Steel Project					
G.I.S.D.Co			PROJECT DRAWING No. REV.					
DRAWING TITLE :								
DRP KITCHEN								
AIR CONDITIONING DUCTWORK ROOF PLAN								
 شرکت مهندسی بارسو BARSOO CONSULTING and PROJECT MANAGEMENT	DESIGNED	M.NASIRI	1399/04/25	SCALE	1/100			
	DRAWN	M.KAZEMI	1399/04/25	PROJECT REF.	No. A1			
BARSOO DRAWING No.		REV.	CHECKED	M.NASIRI	1399/04/25			
157DVB1045002		00	APPROVED	A.GAUDARZI	1399/04/25			