



OWNER :-

ENGINEER :-

AUTHORITY :

**PROPOSED REVISED N. A. LAYOUT PLAN  
FOR INDUSTRIAL (COLD STORAGE)  
PURPOSE IN THE NEW SURVEY NO : 60  
(OLD. S. NO : 16) AT : ALAMPUR,  
TA : MODASA, DIST : ARAVALLI**

ZONE : ..... USE : INDUSTRIAL - COLD STORAGE

AREA TABLE		IN SQMT.
1	TOTAL AREA OF R. S. NO : 60	8701.00
2	REVISED AREA OF R. S. NO : 60 COLD STORAGE PURPOSE	8701.00
3	REQUIRED COMMON PLOT AREA @ 8%	696.08
4	PROPOSED COMMON PLOT AREA	785.60
5	REQUIRED BUILT UP AREA @ 50 %.	4350.50
6	PROPOSED BUILT UP AREA ON G.F.	4186.45
7	PERMISSIBLE F.S.I. AREA @1.20 X 8701.00	10441.20
8	PROPOSED BUILT UP AREA ON G.F.	4186.45
9	TOTAL USEABLE F.S.I. AREA @ G.F.	4186.45
10	BALANCE F.S.I. AREA (7 - 9)	6254.75
11	REQUIRED PARKING AREA @10% OF TOTAL AREA (8701.00 X 0.10 = 870.10 SQMT)	870.10
12	PROPOSED PARKING AREA ON GROUND FLOOR	903.44
13	REMAINING AREA FOR ROAD & MARGIN (2 - 6)	4514.55

PROPOSED COMMON PLOT AREA CALCULATION (INDUSTRIAL - COLD STORAGE)

78.56 X 10.00 = 785.60 SQMT

BIFURCATION OF BUILT UP AREA (INDUSTRIAL - COLD STORAGE)

SR. NO	PLOT NO	SIZE	NOS	AREA
1	COLD STORE 1, MACHINE ROOM	60.00 X 23.00 = 1380 [(4.97 + 6.86/2) X 14.77 = 87.36 TOTAL= 1467.36	1	1467.36
2	PACK HOUSE 1	58.00 X 17.00 = 986.00	1	986.00
3	COLD STORE 2, MACHINE ROOM, OFFICE	67.32 X 13.82 = 930.36 [(67.32 + 26.13)/2] X 17.18 = 802.73 TOTAL= 1733.09	1	1733.09

PROPOSED PARKING AREA CALCULATION (INDUSTRIAL - COLD STORAGE)

78.56 X 11.50 = 903.44 SQMT

LOADING/UNLOADING SPACE CALCULATION

FOR EVARY 1000.00 SQMT GROUND FLOOR AREA REQ. SPACE = 1 SPACE  
REQUIRED SPACE : 4082.27 /1000.00 = 4.08 SAY 5 NOS SPACE  
PROPOSED SPACE : 5 NOS X 3.50 X 7.50 = 131.25 SQMT

PERCOLATING WELL CALCULATION

FOR EVARY 4000.00 SQMT = 1 NOS  
REQUIRED PERCOLATING WELL : 8701.00 /4000.00 = 2.17 SAY 3 NOS (P.W)  
PROPOSED PERCOLATING WELL : 3 NOS

T. P. OPINION :