BUILDING CODE AND CONSTRUCTION DATA

THE FOLLOWING ANALYSIS IS PER IBC 2006. REFER ALSO TO FIRE PROTECTION DESIGN ANALYSIS FOR NFPA 101 CRITERIA.

TOTAL FLOOR AREA (GROSS):	530.4 SM
NUMBER OF FLOORS:	1 STORY
STRUCTURAL SYSTEM:	STEEL FRAME
FLOOR CONSTRUCTION:	FIRST FLOOR: SLAB ON GRADE
CONSTRUCTION CLASS:	II–B, NON–COMBUSTIBLE, NON–PROTECTED
USE GROUP:	R–2
SPRINKLERS:	NO

HEIGHT AND AREA LIMITATIONS:

ALLOWABLE HEIGHT:	4 STORIES
ACTUAL HEIGHT:	1 STORIES
ALLOWABLE AREA:	1,486.4 SM PER FLOOR
INCREASE DUE TO SPRINKLERS:	0
ACTUAL AREA:	530.4 SM FIRST FLOOR

FIRE RESISTANCE RATINGS:

0 HOURS :	STRUCTURAL FRAMING (COLUMNS, GIRDERS, TRUSSES)
0 HOUR :	BEARING WALLS
0 HOUR :	NON BEARING WALLS (INTERIOR/EXTERIOR)
0 HOURS :	ROOF CONSTRUCTION
1 HOUR :	STORAGE ROOMS > 9.3 SM, VERTICAL EXIT ENCLOSURES, MECHANICAL/ ELECTRICAL ROOMS

DESIGN OCCUPANT LOAD:

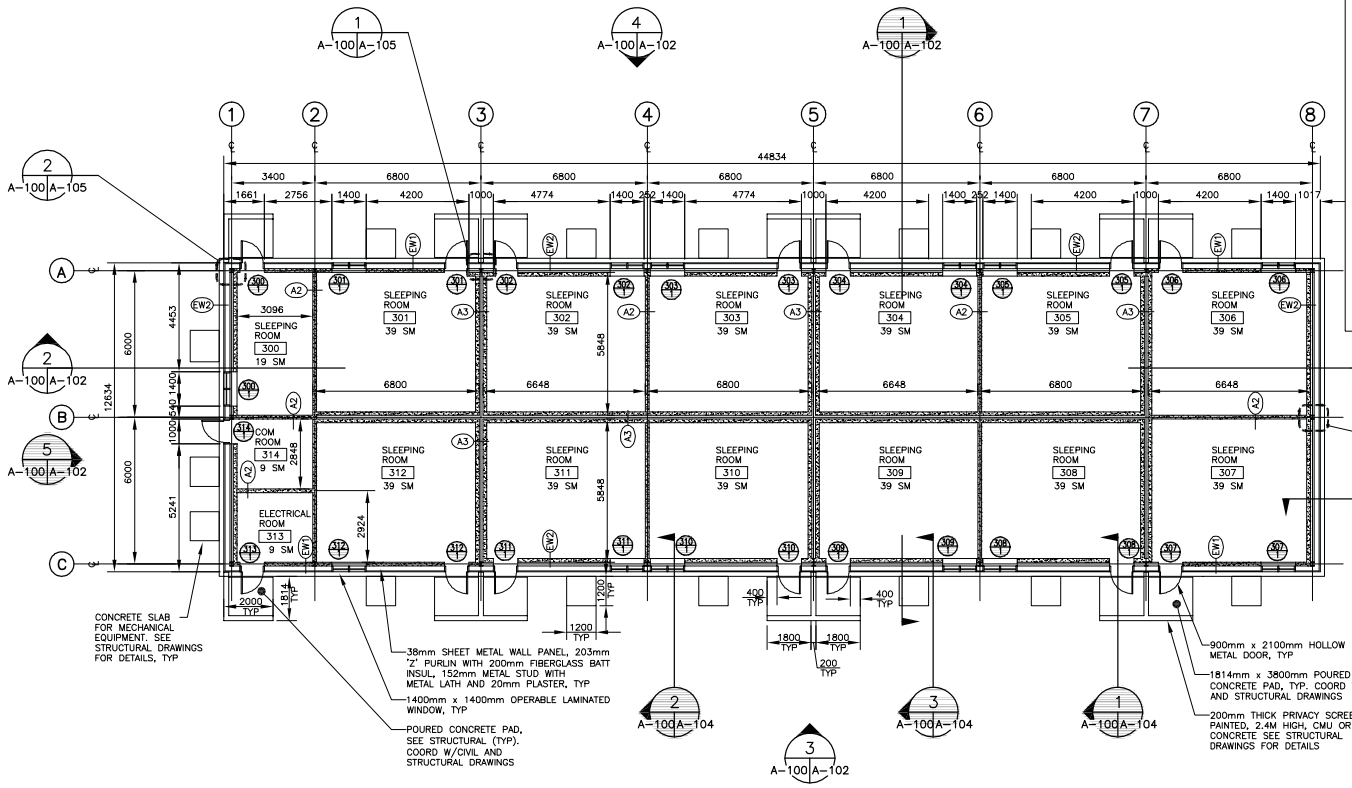
FIRST FLOOR: 28 OCCUPANTS

ACTUAL OCCUPANT LOAD: 40 OCCUPANTS

EGRESS:

EXIT ACCESS MAX TRAVEL DIST. :	23 M
EGRESS WIDTH PER OCCUPANT	
DOORS, CORRIDORS:	0.004 M
STAIRS:	0.005 M
NUMBER OF EXITS REQUIRED:	2

*NOTE: REFER TO DRAWING A–002 FOR WALL TYPE DETAIL.



FLOOR PLAN
SCALE 1:100

UNLESS OTHERWISE NOTED, ALL DIMENSIONS SHOWN ARE IN MILLIMETERS.

1:100

THESE DRAWINGS ARE "NOT APPROVED FOR CONSTRUCTION" SINCE THESE ARE BASED UPON ASSUMED CONDITIONS. THE CONTRACTOR SHALL NOT PROCEED WITH CONSTRUCTION UNTIL THE ASSUMED CONDITIONS ARE VALIDATED AND APPROVAL IS RECEIVED FROM THE CONTRACTING OFFICER.

REGISTERED ARCHITECT WESLEY ELIZABETH STEBBINS 023089-1 STATE OF NEW YORK
05/11/10

MC3

CORRECTED FINAL DESIGN SUBMITTAL

REV	DESCRIPTION	DATE	APR
0	CORRECTED FINAL DESIGN SUBMITTAL	05/11/10	WESR
A	PRE–FINAL DESIGN SUBMITTAL	04/20/10	WESR

DESIGNED BY: KCB
DRAWN BY: NLL
CHECKED BY: KCB
DATE: 05/11/10
SUBMITTED BY: TETRA TECH
FILE NO: CSD03–A–100

US Army Corps of Engineers
Middle East District

TETRA TECH

CONTINGENCY STANDARD DRAWINGS
40 MAN BARRACKS AND LATRINE
STEEL FRAME BUILDING

BARRACKS BUILDING
FLOOR PLAN

SHEET REFERENCE NUMBER:
CSD03
A–100

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