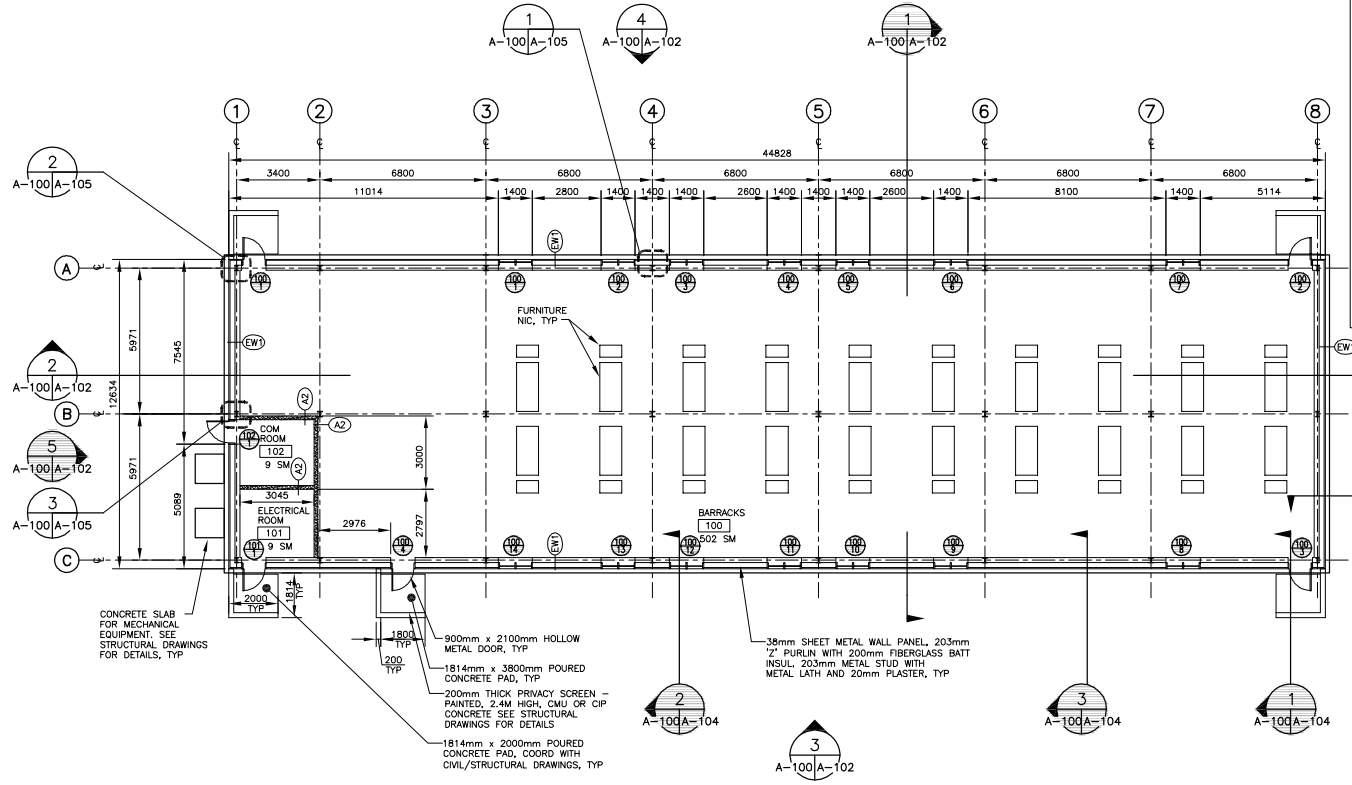


FLOOR PLAN
SCALE 1:100

UNLESS OTHERWISE NOTED, ALL DIMENSIONS SHOWN ARE IN MILLIMETERS.

## 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.

**CORRECTED FINAL DESIGN SUBMITTAL**

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

DESIGNED BY: KCB
DATE: 05/11/10
DRAWN BY: NLL
SUBMITTED BY: TETRA TECH
CHECKED BY: KCB
FILE NO.: CSD07–A–100

US Army Corps of Engineers
Middle East District

TETRA TECH

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 WESTY ELIZABETH STEBBINS 023089-1 STATE OF NEW YORK
05/11/10

CONTINGENCY STANDARD DRAWINGS
40 MAN BARRACKS OPEN BAY & LATRINE
STEEL FRAME BUILDING
BARRACKS BUILDING
FLOOR PLAN

SHEET REFERENCE NUMBER:
CSD07
A–100

MC7

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