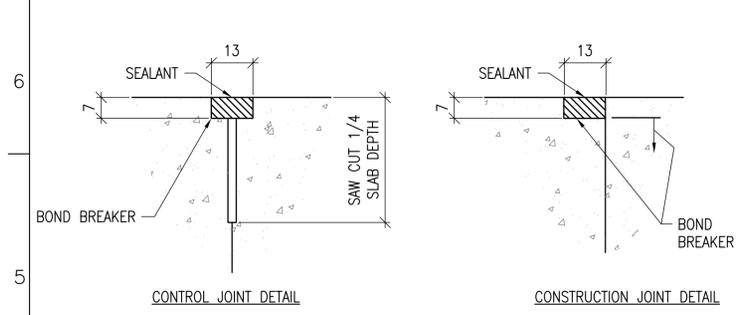
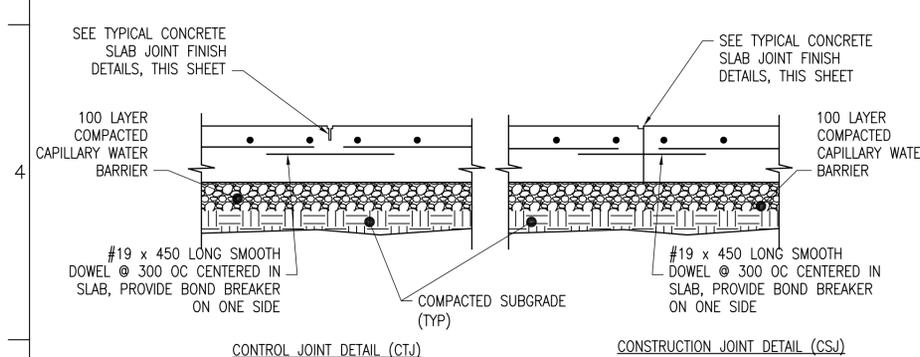


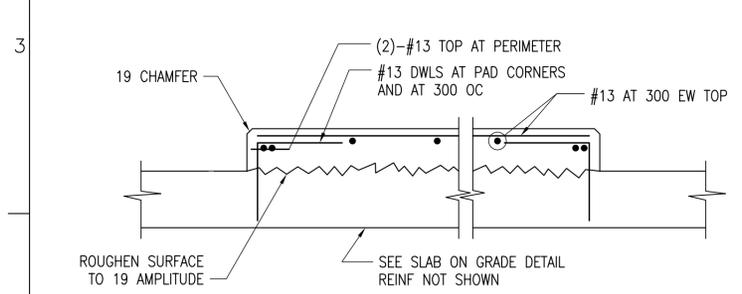
A B C D E F G H



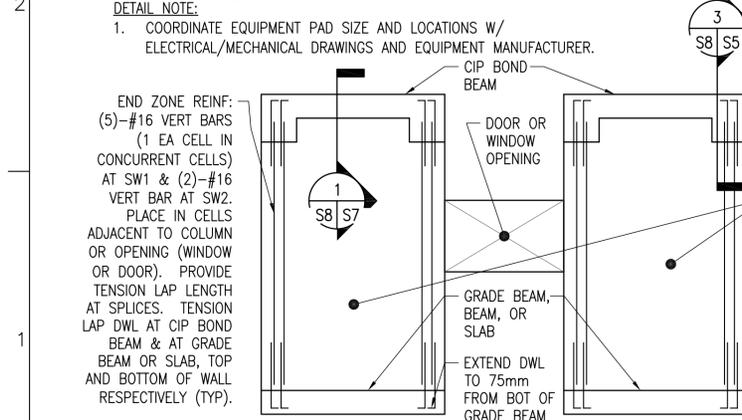
TYPICAL CONCRETE SLAB JOINT FINISH DETAIL
SCALE: NTS



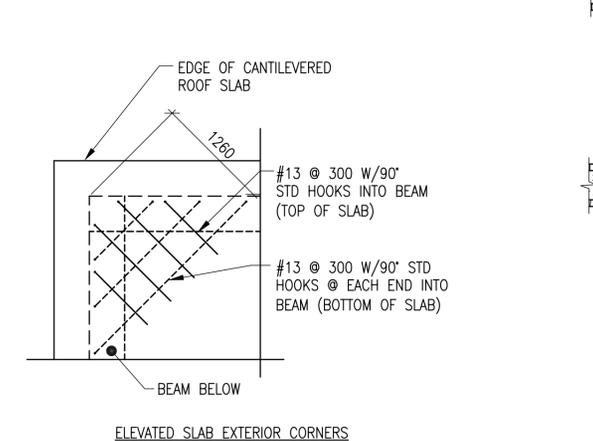
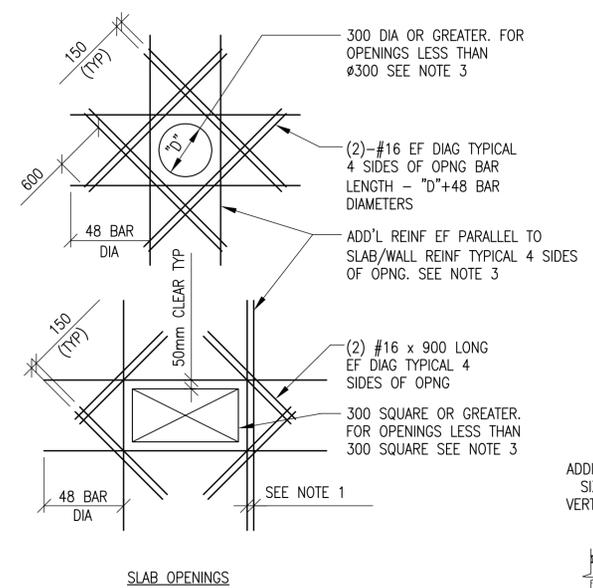
TYPICAL SLAB ON GRADE JOINT DETAILS
SCALE: NTS



INTERIOR EQUIPMENT PAD DETAIL
SCALE: NTS



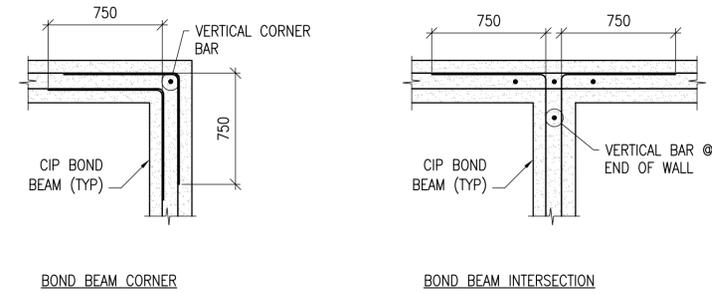
SPECIAL REINFORCED MASONRY SHEAR WALL ELEVATION
SCALE: NTS



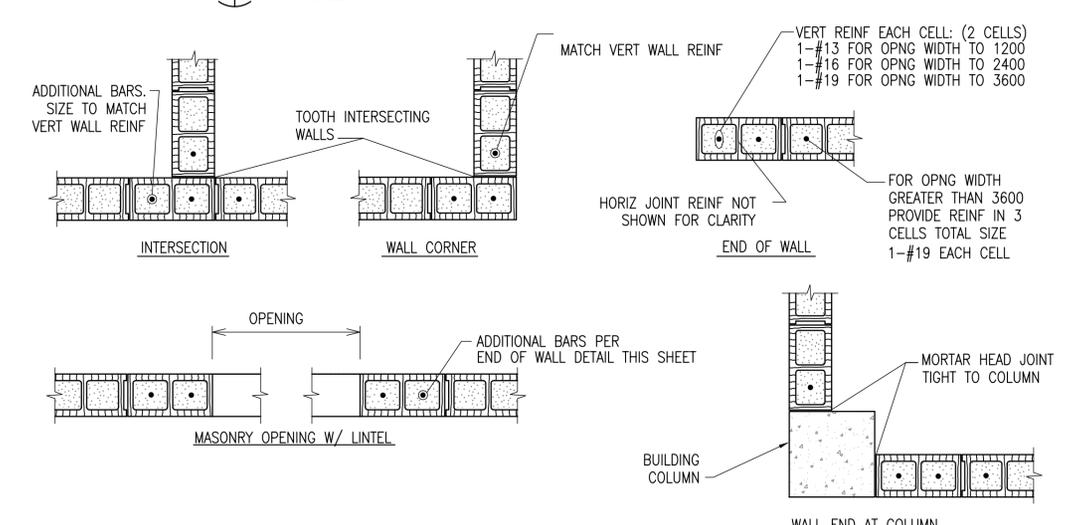
ADD'L REINFORCEMENT DETAILS
SCALE: NTS

- DETAIL NOTES:
- WHERE MORE THAN ONE ADDITIONAL BAR IS REQUIRED PARALLEL TO THE EXISTING SLAB/WALL REINF THE ADDITIONAL REINF BARS SHALL BE SPACED AT 100 ON CENTER.
 - ADDITIONAL REINF PARALLEL TO THE SLAB/WALL REINF SHALL BE #16 BARS THAT PROVIDE A STEEL AREA ON EACH SIDE OF THE OPENING EQUAL TO 1/2 THE AREA OF THE REINF CUT BY THE OPENING.
 - FOR OPENINGS WITH SIDES OR DIAMETERS LESS THAN 300 SPREAD THE SLAB/WALL REINF TO CLEAR THE OPENING.

- DETAIL NOTE:
- PROVIDE (2)-#16 IN BOND BEAMS AT 1200 OC, NOT SHOWN.

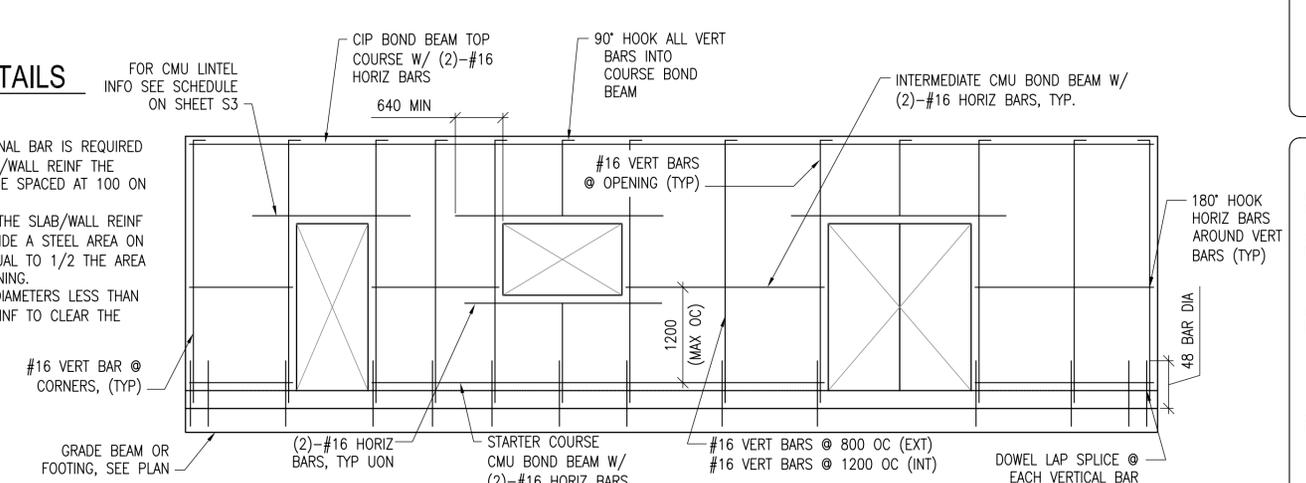


CIP BOND BEAM DETAILS
SCALE: NTS



- NOTES:
- OPENING WIDTH SHALL NOT EXCEED 3600 FOR THIS TYPE OF JAMB
 - ALL CELLS FULLY GROUTED

TYPICAL CMU DETAILS
SCALE: NTS



MIN CMU WALL REINFORCING
SCALE: NTS

- LINTEL NOTES:
- CMU LINTEL REINFORCEMENT AS PER SCHEDULE ON SHEET S3

UNLESS OTHERWISE NOTED, LINEAR DIMENSIONS SHOWN ARE IN MILLIMETERS (MM)

DATE	DESCRIPTION
APR	

DESIGNED BY:	DATE:	09-30-09
MMY	SUBMITTED BY:	BAKER
DWN BY:	RCG	
CHK BY:	CWW	
FILE NO.:	ANFSDS-508XXX	

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STANDARD DESIGN
BARRACK BUILDING, OPEN BAY (579 GSM)
WOOD FIRED HEAT OPTION

TYPICAL DETAILS

SHEET REFERENCE NUMBER:
S8

100% SUBMISSION

SYMBOL	DESCRIPTION	DATE	APP

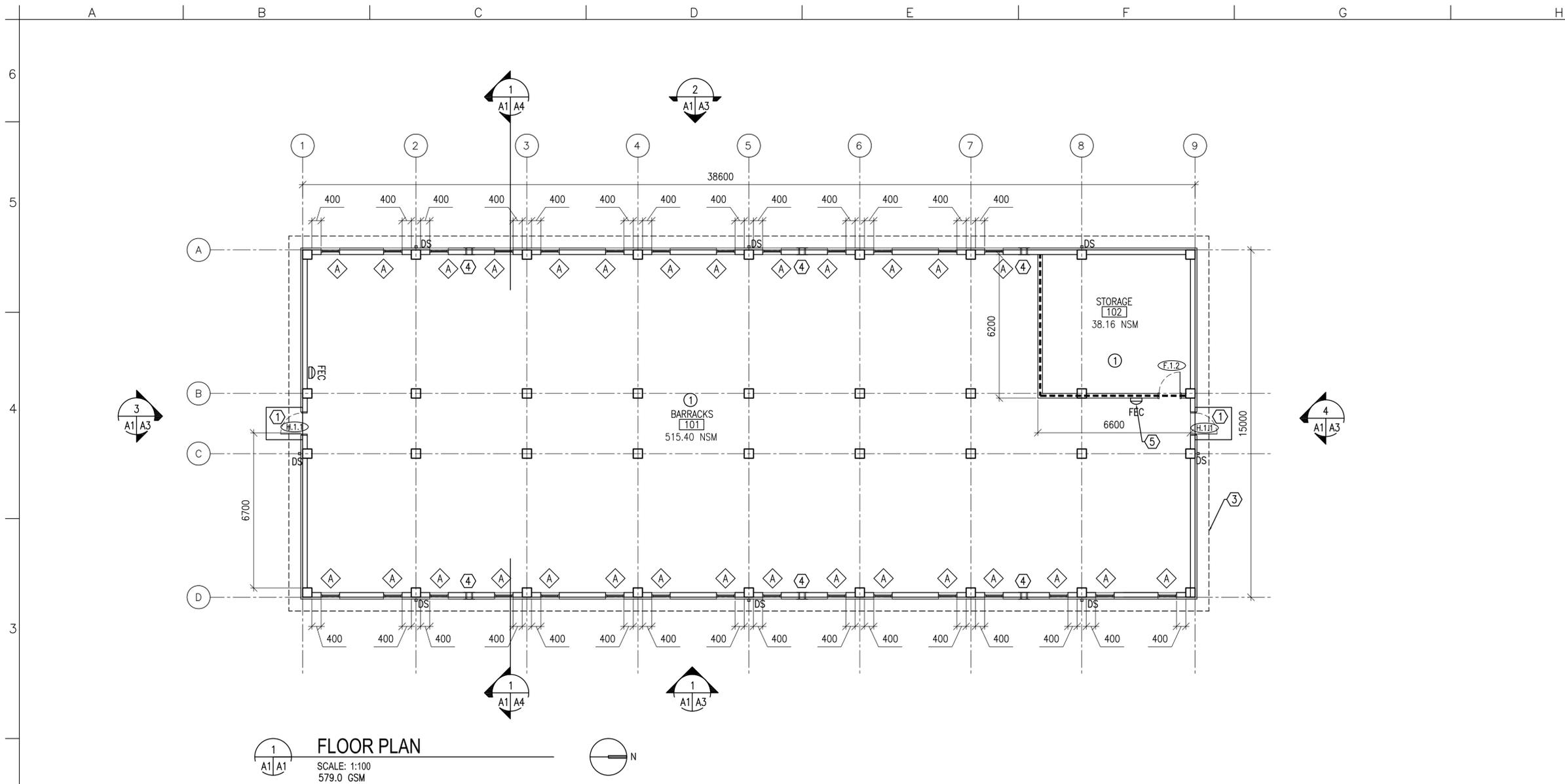
DESIGNED BY:	DATE:	09-30-09
DWB BY:	SUBMITTED BY:	BAKER
CHK BY:	FILE NO.:	ANPSDA-101XXX
AAR	KRC	

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AFGHAN NATIONAL POLICE
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BARRACK BUILDING, OPEN BAY (579 GSM)
WOOD FIRED HEAT OPTION
FLOOR PLAN

SHEET REFERENCE NUMBER:
A1

100% SUBMISSION



FLOOR PLAN
SCALE: 1:100
579.0 GSM

GENERAL NOTES:

- A. INTERIOR PARTITIONS SHALL BE 200 MM CMU UNLESS NOTED OTHERWISE
- B. OPENINGS FOR DOORS SHALL BE LOCATED 200 MM FROM THE ADJACENT WALL UNLESS NOTED OTHERWISE
- C. SURFACES TO BE PAINTED SHALL BE CLEAN AND FREE OF FOREIGN MATTER BEFORE APPLICATION OF PAINT. CLEANING SHALL BE SCHEDULED SO THAT DUST AND OTHER CONTAMINANTS WILL NOT FALL ON WET, NEWLY PAINTED SURFACES.
- D. CONCRETE AND INTERIOR MASONRY SURFACES GROUTED SOLID SHALL BE ALLOWED TO DRY AT LEAST 30 DAYS BEFORE PAINTING EXCEPT CONCRETE SLAB ON GRADE WHICH SHALL BE ALLOWED TO CURE 90 DAYS BEFORE PAINTING.
- E. PAINTS CONTAINING LEAD IN EXCESS OF 0.06 PERCENT BY WEIGHT OF THE TOTAL NONVOLATILE CONTENT SHALL NOT BE USED.
- F. MERCURIAL FUNGICIDES SHALL NOT BE USED IN OIL-BASE PAINT.
- G. REMOVE LOOSE DIRT AND CLEAN SURFACES BEFORE PAINTING. APPLY PAINT TO INTERIOR STRUCTURAL RIGID FRAMINGS AND CEILINGS AND TEST FOR ADHESION. PRIMER COAT FOR MASONRY. INITIAL FIRST COAT WITH AN ACRYLIC LATEX PAINT FOR EXTERIOR SURFACES AND A SECOND COAT WITH A WATER REPELLENT ACRYLIC LATEX PAINT.
- H. METAL DOORS AND FRAMES SHALL RECEIVE A PRIMER COAT PLUS TWO COATS OF PAINT.
- I. DIMENSIONS ARE TO STRUCTURAL COLUMN GRID, EDGE OF WINDOW OPENINGS, AND TO HINGE SIDE OF DOOR OPENINGS.

- J. PROVIDE 1 HOUR RATED PARTITIONS AT STORAGE ROOM IN ACCORDANCE WITH NFPA 101, TABLE 28.3.2.2.2. FILL ANULAR SPACE AT ANY AND ALL PENETRATIONS IN FLOORS, WALLS, OR CEILINGS WITH APPROPRIATE FIRE STORING MATERIALS.

ROOM FINISHES:

- 1. WALLS: PAINTED PLASTER,
FLOOR: SEALED CONCRETE
CEILING: PAINTED PLASTER APPLIED TO STRUCTURE

KEY NOTES:

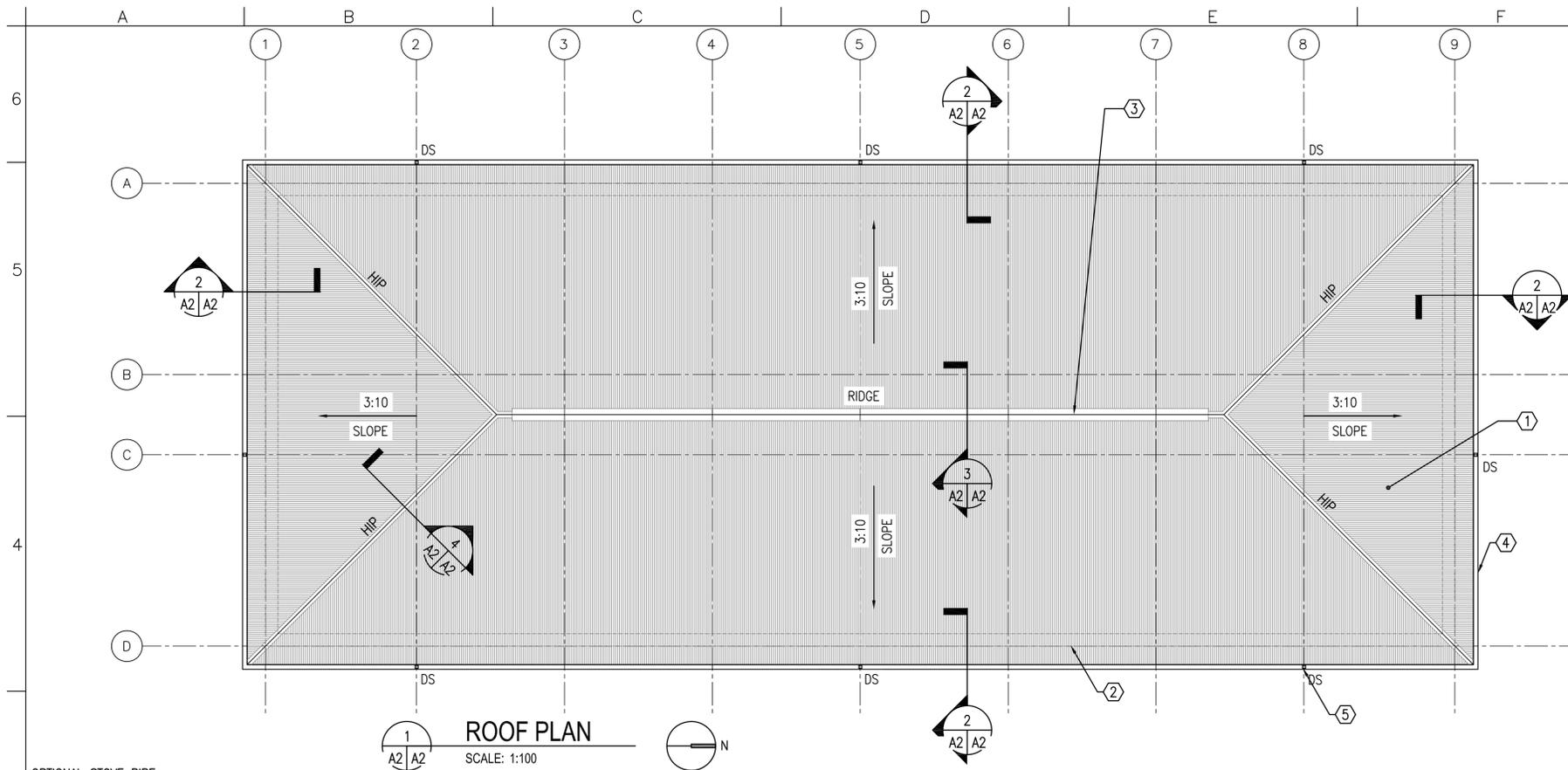
- 1. CONCRETE STOOP - RE: DETAIL 2/A6.
- 2. NOT USED
- 3. LINE OF ROOF OVERHANG ABOVE
- 4. TWO-PIECE WALL THIMBLE AND TRIM PLATE FOR OPTIONAL WOOD BURNING STOVE CHIMNEY PIPE. STOVE AND PIPE BY OTHERS.
- 5. PROVIDE FEC AT STORAGE ROOM IN ACCORDANCE WITH NFPA 101, 28.3.5.8.

LEGEND:

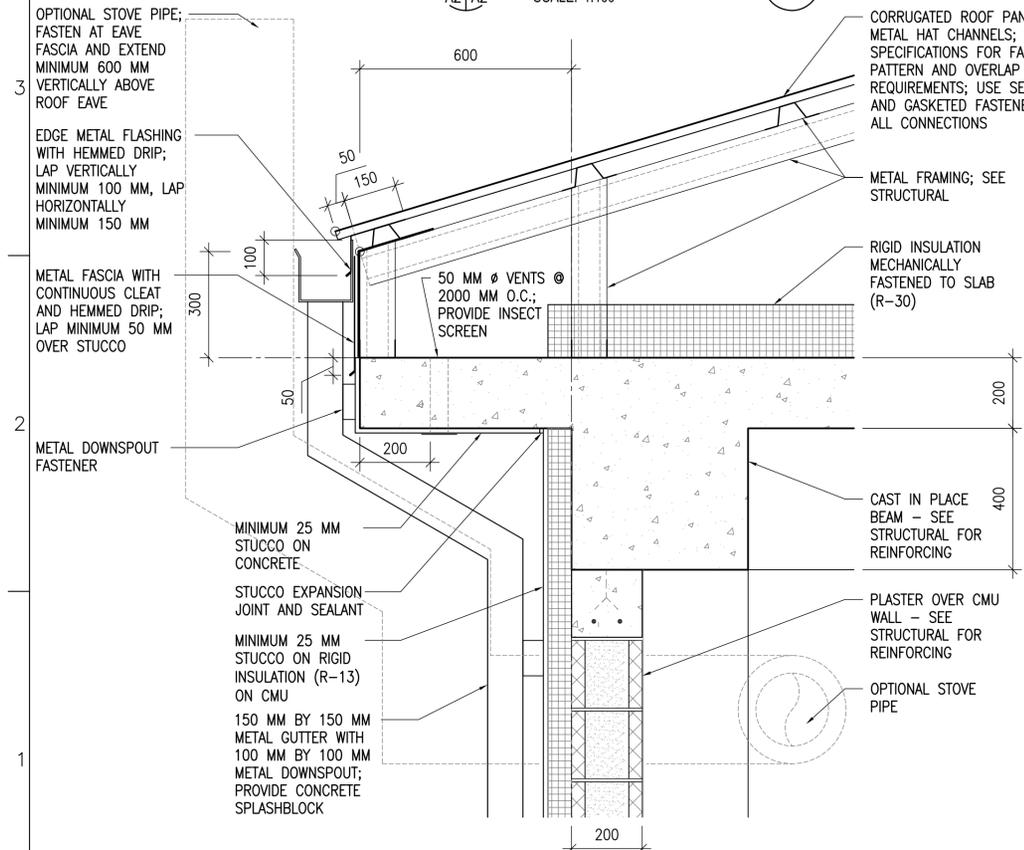
- (F.1.4) DOOR TYPE, SEE SHEET A5
- (A) WINDOW TYPE, SEE SHEET A5
- (X) KEY NOTE
- FEC FIRE EXTINGUISHER CABINET
- 1-HOUR RATED PARTITION
- (1) ROOM FINISH TYPE DESIGNATION
- DS METAL DOWNSPOUT

UNLESS OTHERWISE NOTED, LINEAR DIMENSIONS SHOWN ARE IN MILLIMETERS (MM)

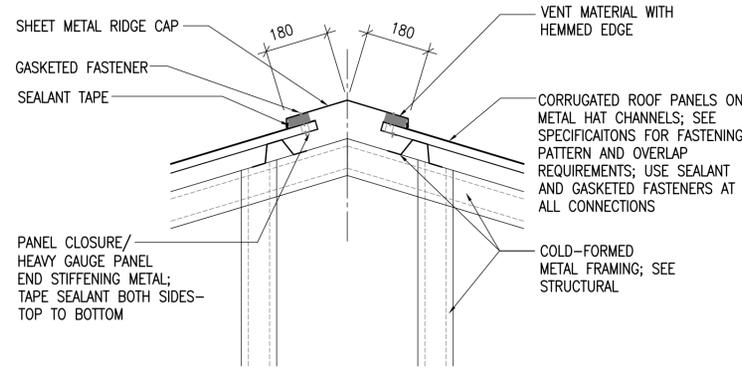
SCALE: 1: 100



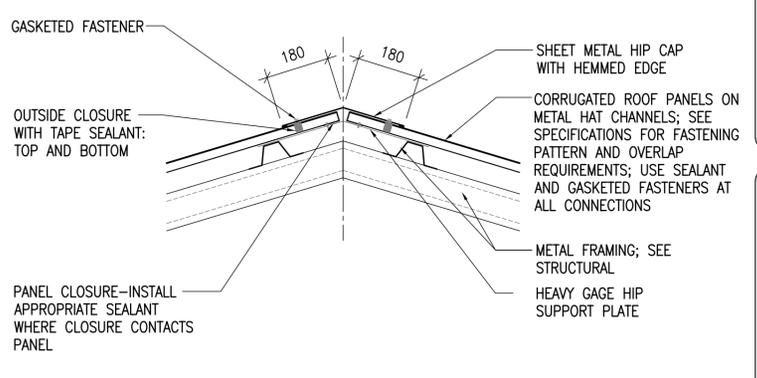
1 ROOF PLAN
SCALE: 1:100



2 EAVE DETAIL
SCALE: 1:10



3 RIDGE VENT DETAIL
SCALE: 1:10



4 HIP DETAIL
SCALE: 1:10

UNLESS OTHERWISE NOTED, LINEAR DIMENSIONS SHOWN ARE IN MILLIMETERS (MM)



KEY NOTES:

1. CORRUGATED METAL ROOF PANELS ON COLD-FORMED METAL FRAMING
2. LINE OF BUILDING WALL BELOW
3. CONTINUOUS RIDGE VENT
4. METAL GUTTER
5. METAL DOWNSPOUT WITH SPLASHBLOCK

US Army Corps of Engineers
Afghanistan Engineer District

SYMBOL	DESCRIPTION	DATE

DESIGNED BY:	DATE:	09-30-09
DWB:	SUBMITTED BY:	BAKER
AAR:	CHK BY:	KRC
FILE NO.:	ANPSDA-102XXX	

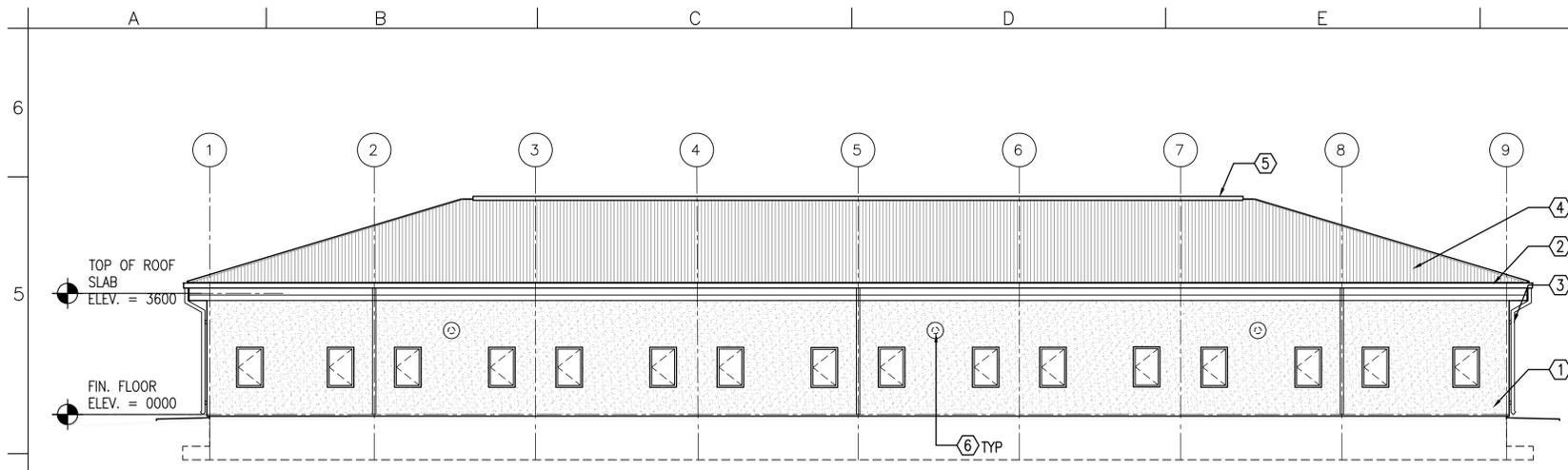
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STANDARD DESIGN
BARRACK BUILDING, OPEN BAY (579 GSM)
WOOD FIRED HEAT OPTION

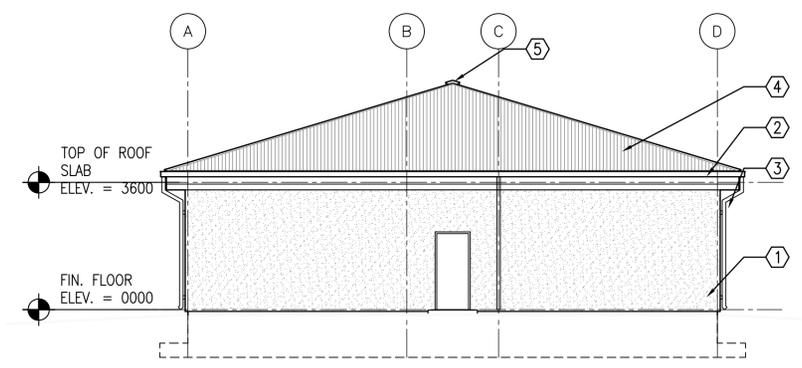
ROOF PLAN AND DETAILS

SHEET REFERENCE NUMBER:
A2

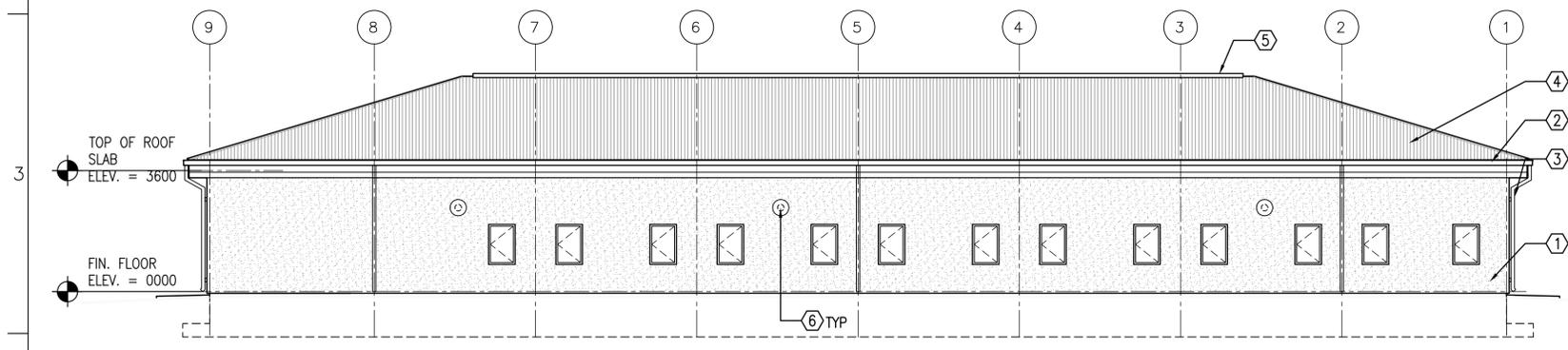
100% SUBMISSION



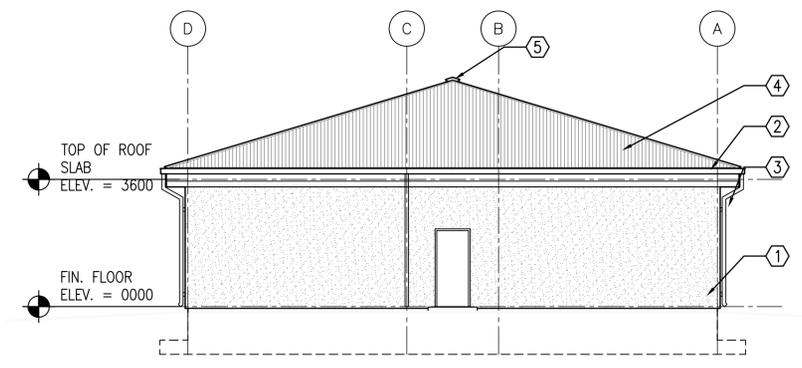
1 EAST ELEVATION
 A1 | A3 SCALE: 1:100



3 SOUTH ELEVATION
 A1 | A3 SCALE: 1:100



2 WEST ELEVATION
 A1 | A3 SCALE: 1:100



4 NORTH ELEVATION
 A1 | A3 SCALE: 1:100

KEY NOTES:

1. STUCCO AND RIGID INSULATION SYSTEM OVER CMU AND CONCRETE.
2. METAL GUTTER
3. METAL DOWNSPOUT WITH SPLASH BLOCK
4. CORRUGATED METAL ROOF PANELS ON COLD-FORMED METAL FRAMING.
5. CONTINUOUS RIDGE VENT
8. TWO-PIECE WALL THIMBLE AND TRIM PLATE FOR OPTIONAL WOOD BURNING STOVE CHIMNEY PIPE. STOVE AND PIPE BY OTHERS.

GENERAL NOTES:

1. COORDINATE SIZE AND LOCATION OF OPENINGS FOR MECHANICAL ITEMS WITH MECHANICAL DRAWINGS.
2. PROVIDE STRUCTURAL LINTELS AS REQUIRED - RE: STRUCT

UNLESS OTHERWISE NOTED, LINEAR DIMENSIONS SHOWN ARE IN MILLIMETERS (MM)

SCALE: 1: 100

US Army Corps of Engineers
 Afghanistan Engineer District

SYMBOL	DESCRIPTION	DATE	APP

DESIGNED BY:	DATE:	09-30-09
DWN BY:	DLB	
CHK BY:	AAR	
	KRC	
SUBMITTED BY:	BAKER	
FILE NO.:	ANPSDA-203XXX	

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AFGHAN NATIONAL POLICE
 STANDARD DESIGN
 BARRACK BUILDING, OPEN BAY (579 GSM)
 WOOD FIRED HEAT OPTION
 EXTERIOR ELEVATIONS

SHEET REFERENCE NUMBER:
A3

100% SUBMISSION

WINDOW TYPES NOTES:

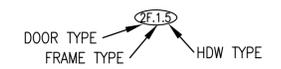
1. ALL EXTERIOR WINDOWS SHALL BE WOOD WITH INSECT SCREENS. WINDOWS SHALL BE COMMERCIAL GRADE.
2. GLAZING SHALL BE ACRYLIC SHEET.

DOOR TYPES NOTES:

1. INTERIOR AND EXTERIOR METAL DOORS AND FRAME COLORS SHALL MATCH ADJACENT WALL COLORS AS SELECTED BY THE CONTRACTING OFFICER.
2. HARDWARE SHALL BE HEAVY DUTY, COMMERCIAL GRADE, STAINLESS STEEL WITH A MATTE FINISH.
3. FRAMES, EXCEPT FIRE-RATED FRAMES, SHALL BE MOUNTED AND ADJUSTED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. FRAMES SHALL BE FASTENED WITH MINIMUM OF THREE FASTENING POINTS PER SIDE AT REGULAR INTERVALS.
4. DIMENSIONS SHOWN ON DOOR SCHEDULE ARE BASED UPON MODULAR MASONRY (OR ROUGH OPENING), HEIGHT OF 2200mm FOR STANDARD PERSONNEL DOORS. CONTRACTOR SHALL COORDINATE WITH DOOR SUPPLIER TO ENSURE THAT DIMENSIONS OF DOORS AND FRAMES PROVIDED ARE COMPATIBLE WITH DOOR OPENING DIMENSIONS.
5. DOORS SHALL BE 45 MINUTE DOORS AS REQUIRED IN 1 HOUR RATED WALLS. (NFPA 101, TABLE 8.3.4.2.).

SYMBOL	DESCRIPTION	DATE

DESIGNED BY:	DLB	DATE:	09-30-09
DWN BY:	AAR	SUBMITTED BY:	BAKER
CHK BY:	KRC	FILE NO.:	ANPSDA-305XXX



DOOR HARDWARE TYPES:

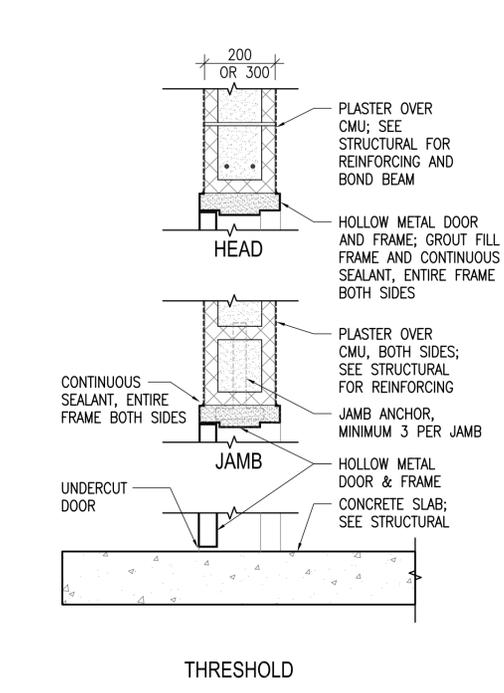
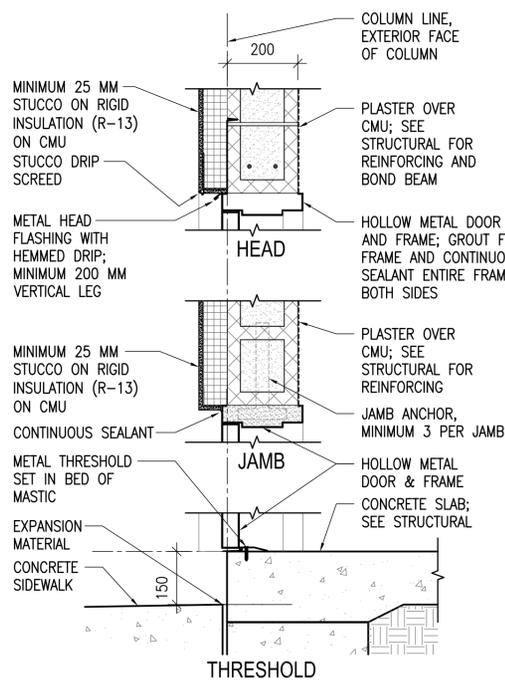
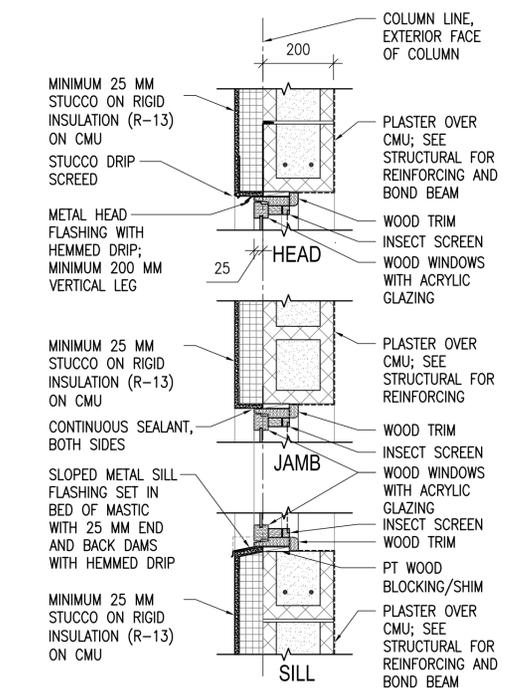
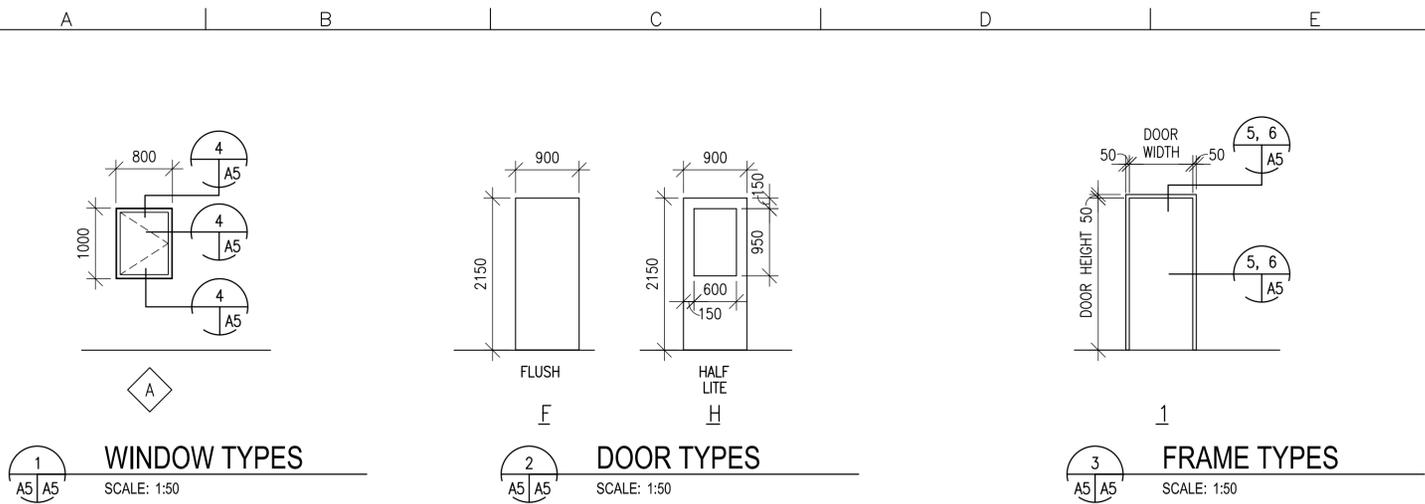
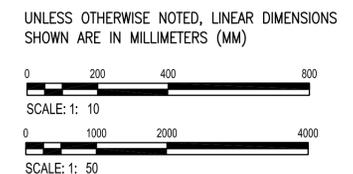
- HW-1 1-1/2 PR HINGES
 1 EA EXIT DEVICE, SURFACE MOUNTED F08
 1 EA CYLINDER, GRADE 1
 1 EA DOOR CLOSER, C02061, LOW RESISTANCE
 1 EA THRESHOLD J32130
- HW-2 1-1/2 PR HINGES
 1 EA LOCKSET W/LEVERS, GRADE 1
 1 EA DOOR CLOSER, C02061, LOW RESISTANCE

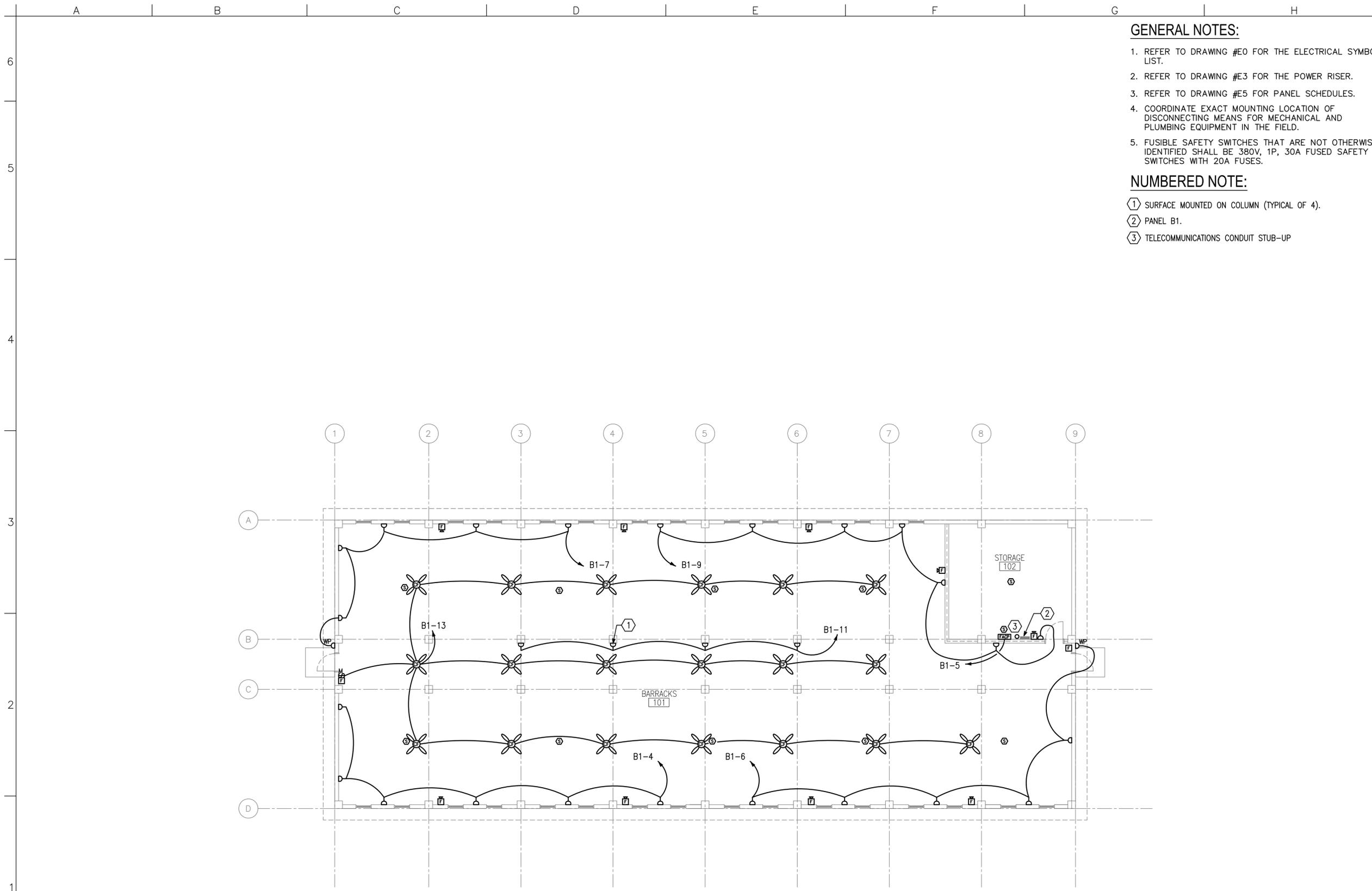
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AFGHAN NATIONAL POLICE
 STANDARD DESIGN
 BARRACK BUILDING, OPEN BAY (579 GSM)
 WOOD FIRED HEAT OPTION
 DOOR, WINDOW & FINISH TYPES & DETAILS

SHEET REFERENCE NUMBER:
A5

100% SUBMISSION





GENERAL NOTES:

1. REFER TO DRAWING #E0 FOR THE ELECTRICAL SYMBOLS LIST.
2. REFER TO DRAWING #E3 FOR THE POWER RISER.
3. REFER TO DRAWING #E5 FOR PANEL SCHEDULES.
4. COORDINATE EXACT MOUNTING LOCATION OF DISCONNECTING MEANS FOR MECHANICAL AND PLUMBING EQUIPMENT IN THE FIELD.
5. FUSIBLE SAFETY SWITCHES THAT ARE NOT OTHERWISE IDENTIFIED SHALL BE 380V, 1P, 30A FUSED SAFETY SWITCHES WITH 20A FUSES.

NUMBERED NOTE:

- ① SURFACE MOUNTED ON COLUMN (TYPICAL OF 4).
- ② PANEL B1.
- ③ TELECOMMUNICATIONS CONDUIT STUB-UP



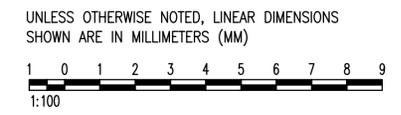
SYMBOL	DESCRIPTION	DATE	APP

DESIGNED BY: JRG	DATE: 09-30-09
DWN BY: JRG	SUBMITTED BY: BAKER
CHK BY: JRG	FILE NO: ANPSDE-102XXX
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AFGHAN NATIONAL POLICE
 STANDARD DESIGN
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 WOOD FIRED HEAT OPTION
 POWER AND SYSTEMS PLAN

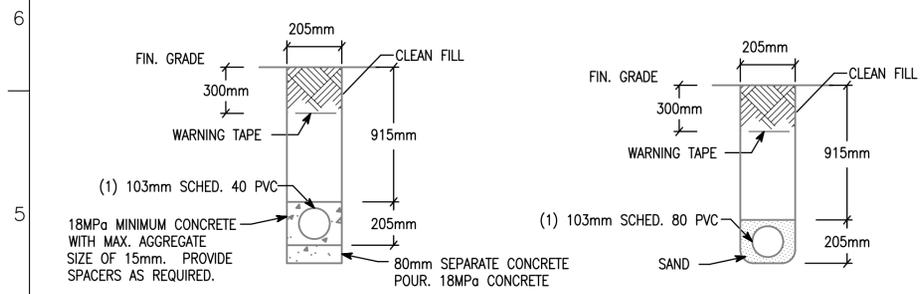
SHEET REFERENCE NUMBER:
E2

POWER AND SYSTEMS PLAN
 SCALE: 1:100



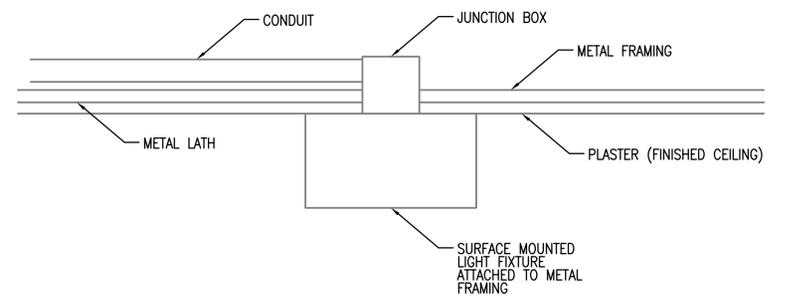
100% SUBMISSION

A B C D E F G H

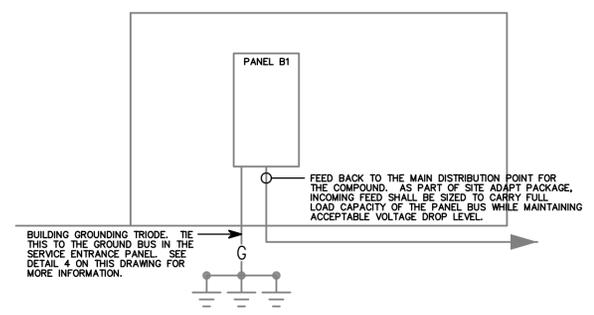


NOTE: PVC CONDUIT SHALL BE DIRECT BURIED SCHEDULE 80 FOR NO TRAFFIC AREAS AND CONCRETE-ENCASED SCHEDULE 40 FOR UNDER ROADWAYS OR TRAFFIC AREAS.

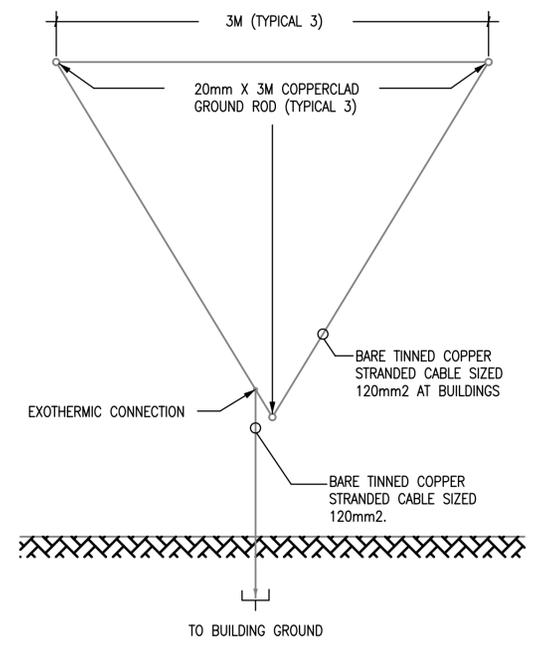
1 TYPICAL DUCT BANK DETAILS FOR CONDUIT IN SAND OR CONCRETE
SCALE: N.T.S.



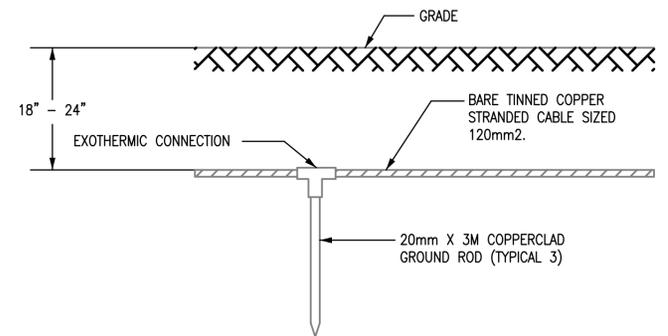
2 TYPICAL DETAIL FOR SURFACE MOUNTED LIGHT FIXTURES
SCALE: N.T.S.



3 B.2 RISER DIAGRAM
SCALE: N.T.S.



4 GROUND TRIPOD SYSTEM DETAIL - PLAN
SCALE: N.T.S.



5 GROUND TRIPOD SYSTEM DETAIL - ELEVATION
SCALE: N.T.S.

US Army Corps of Engineers
Afghanistan Engineer District

NO.	DATE	DESCRIPTION	SYMBOL

DESIGNED BY: JRG DATE: 09-30-09
 DWN BY: JRG SUBMITTED BY: BAKER
 CHK BY: JRG FILE NO: ANFSDE-503XXX
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AFGHAN NATIONAL POLICE
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 BARRACK BUILDING, OPEN BAY (579 GSM)
 WOOD FIRED HEAT OPTION
 DETAILS

SHEET REFERENCE NUMBER:
E3

100% SUBMISSION

