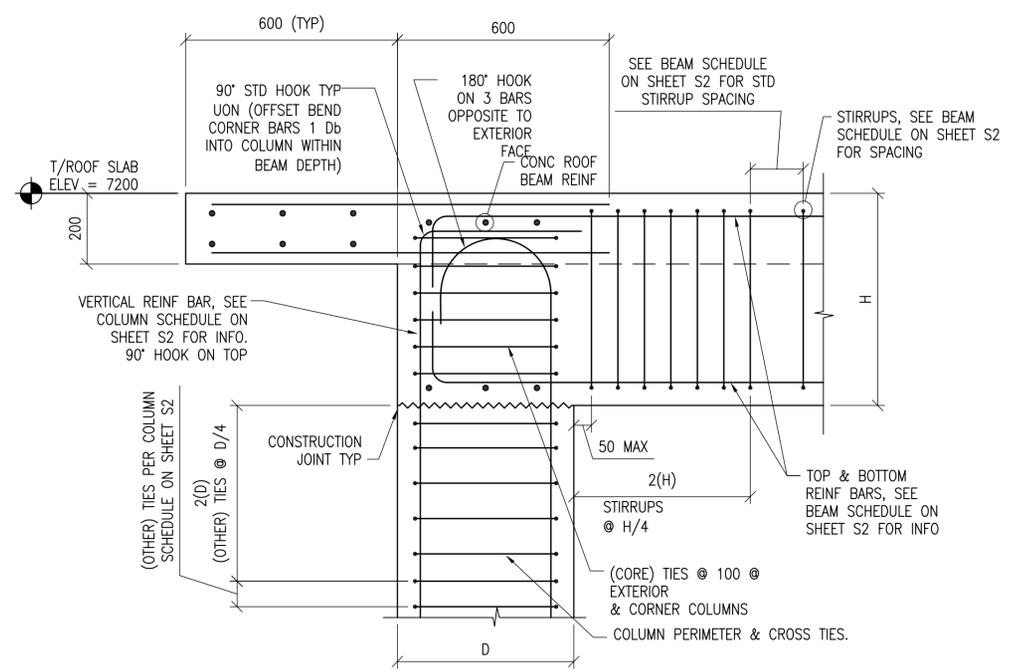


PLAN NOTES:

1. TOP OF SLAB ELEVATION = 7200 UNLESS NOTED OTHERWISE.
2. ROOF BEAM INDICATED BY RB# ON PLAN. REFER TO BEAM SCHEDULE ON SHEET S2
3. REFER TO SHEETS S1 TO S3 FOR STRUCTURAL NOTES AND BASIS OF DESIGN.
4. COORDINATE WITH ARCHITECTURAL SHEETS FOR COLD-FORMED STEEL OVERBUILT FRAMING ABOVE ROOF SLAB.
5. COLD-FORMED METAL OVERBUILT ROOF FRAMING NOT SHOWN FOR CLARITY. SEE OVERBUILT ROOF FRAMING DETAILS AND SECTIONS ON SHEET S9.

1
S6 S6
ROOF FRAMING PLAN
SCALE: 1:100



1
S6 S6
SECTION
SCALE: 1:10

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

0 200 400 800
SCALE: 1: 10

0 2000 4000 8000
SCALE: 1: 100

US Army Corps of Engineers
Afghanistan Engineer District

| SYMBOL | DESCRIPTION | DATE | APP |
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| DESIGNED BY: | DATE: | 09-30-09 |
| MMY | SUBMITTED BY: | BAKER |
| DWN BY: | RCG | |
| CHK BY: | CWW | |
| FILE NO.: | ANFSDS-106XXX | |

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AFGHAN NATIONAL POLICE
STANDARD DESIGN (862 GSM)
BARRACK BUILDING, 2-STORY
ELECTRIC HEAT OPTION
ROOF FRAMING PLAN

SHEET REFERENCE NUMBER:
S6

100% SUBMISSION

| SYMBOL | DESCRIPTION | DATE | APP |
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| MMY | 09-30-09 | ANFSDS-307XXX |
| DWN BY: | SUBMITTED BY: | |
| RCG | BAKER | |
| CHK BY: | | |
| CWW | | |

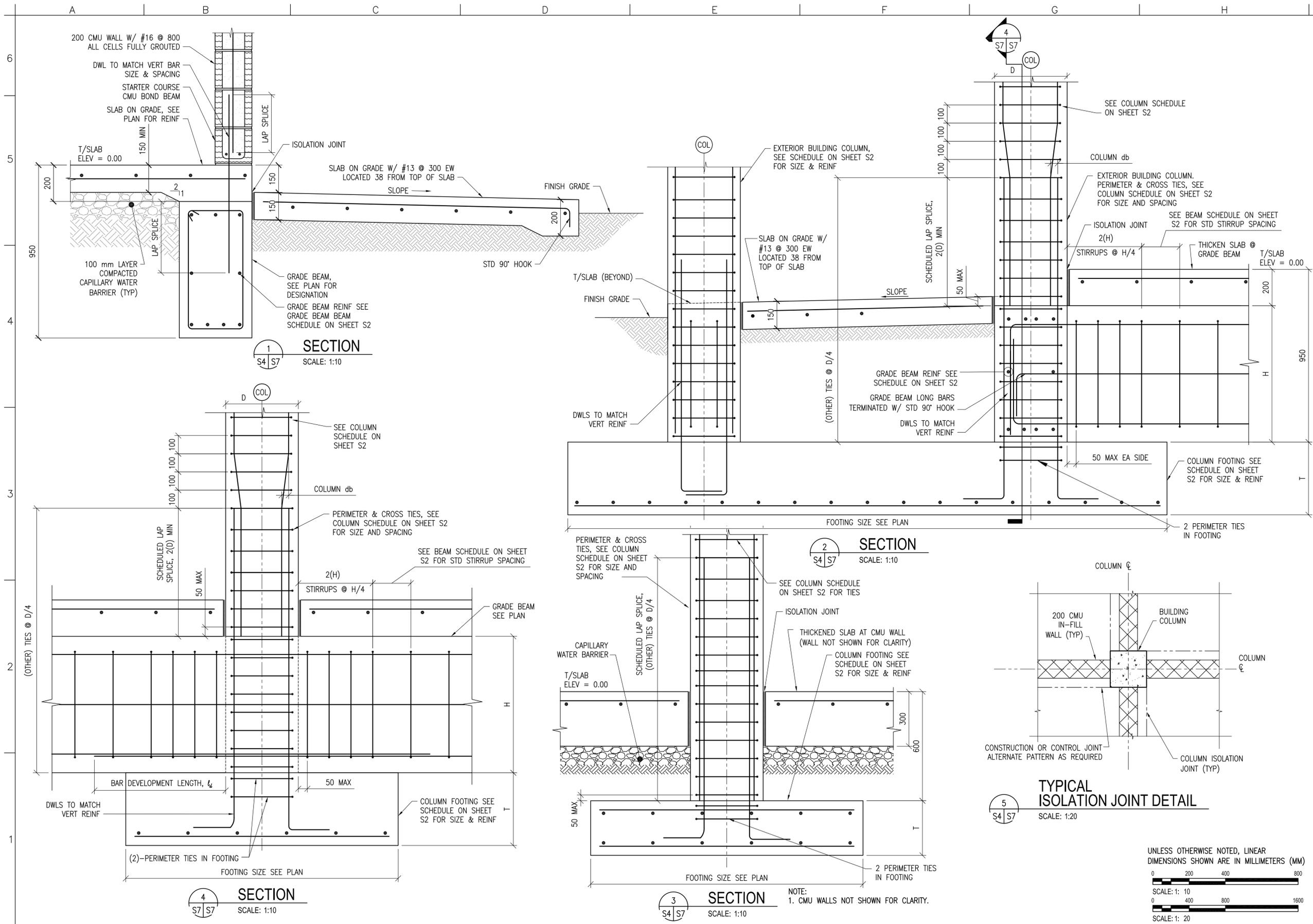
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STANDARD DESIGN (862 GSM)
BARRACK BUILDING, 2-STORY
ELECTRIC HEAT OPTION

FOUNDATION SECTIONS & DETAILS

SHEET REFERENCE NUMBER:
S7

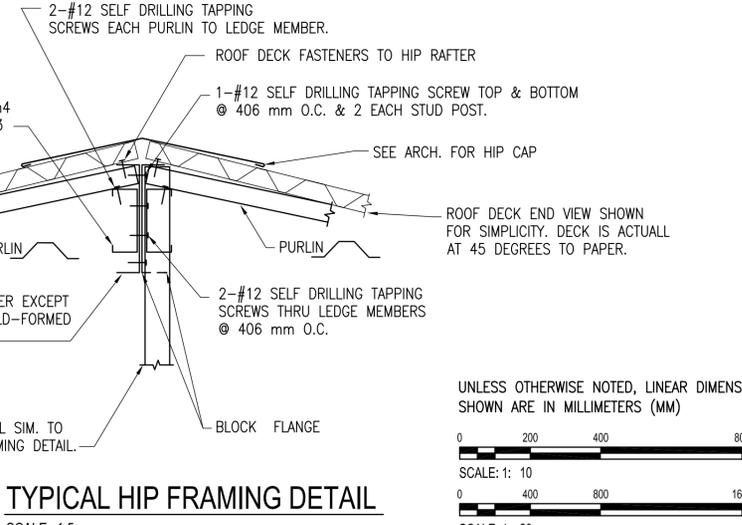
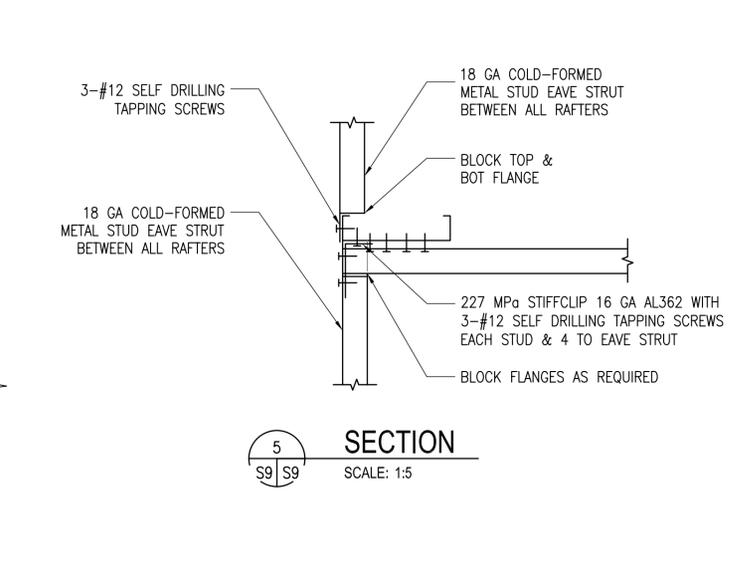
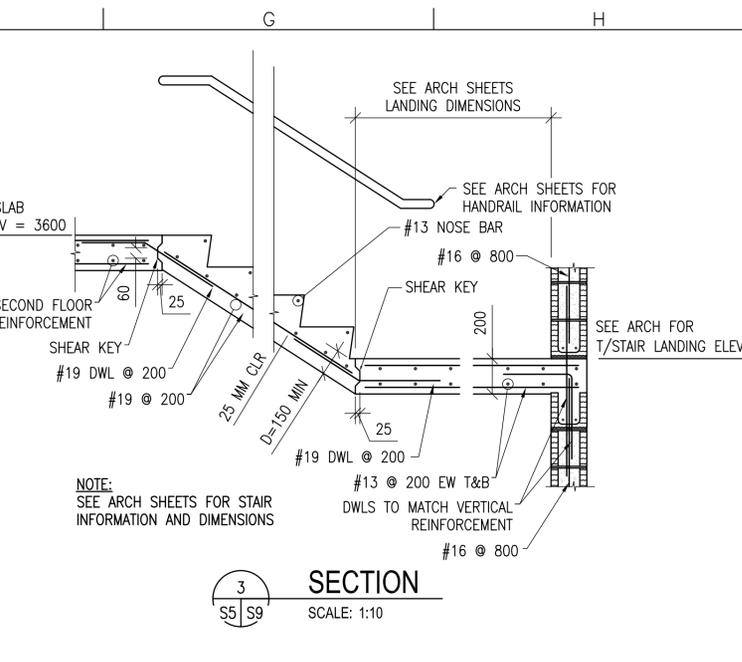
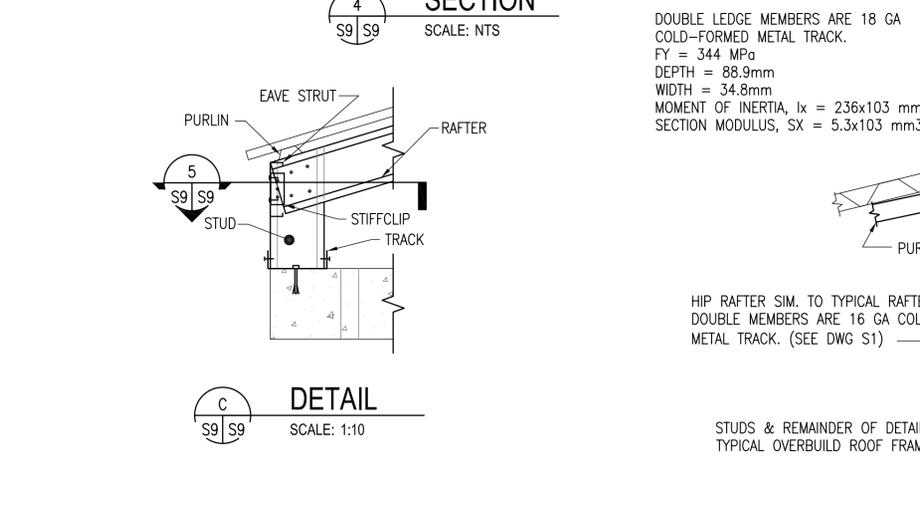
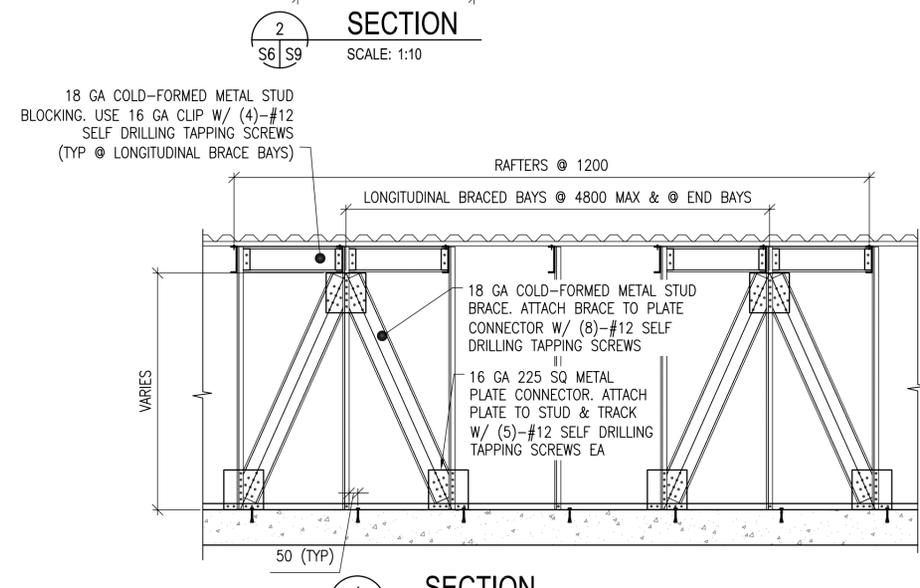
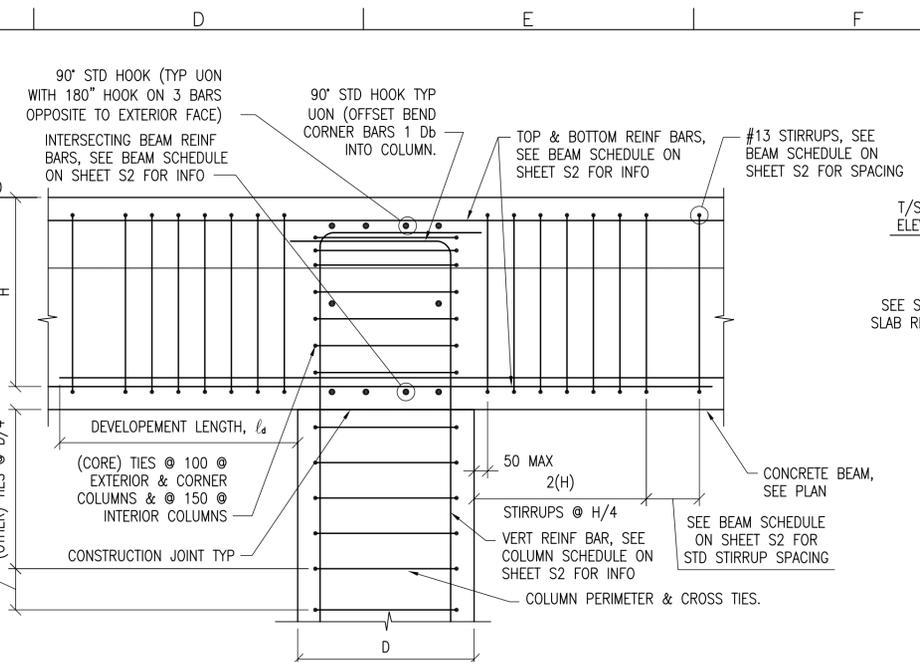
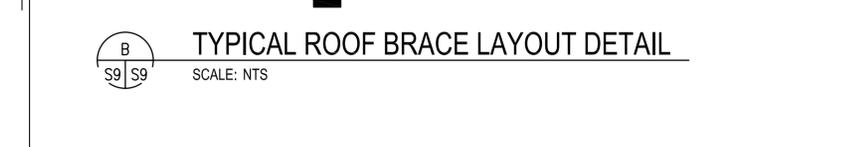
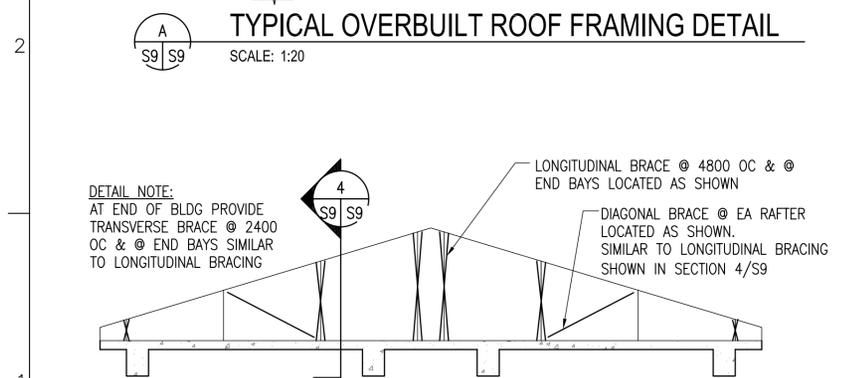
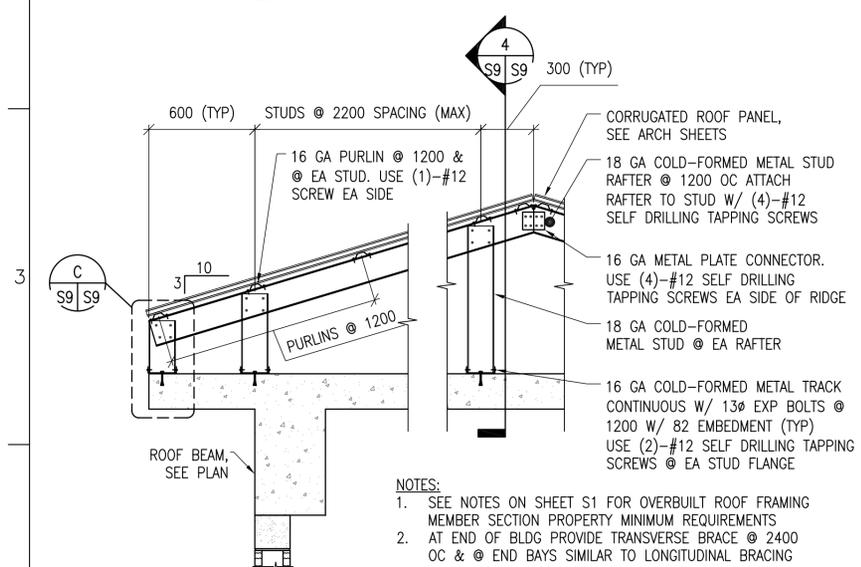
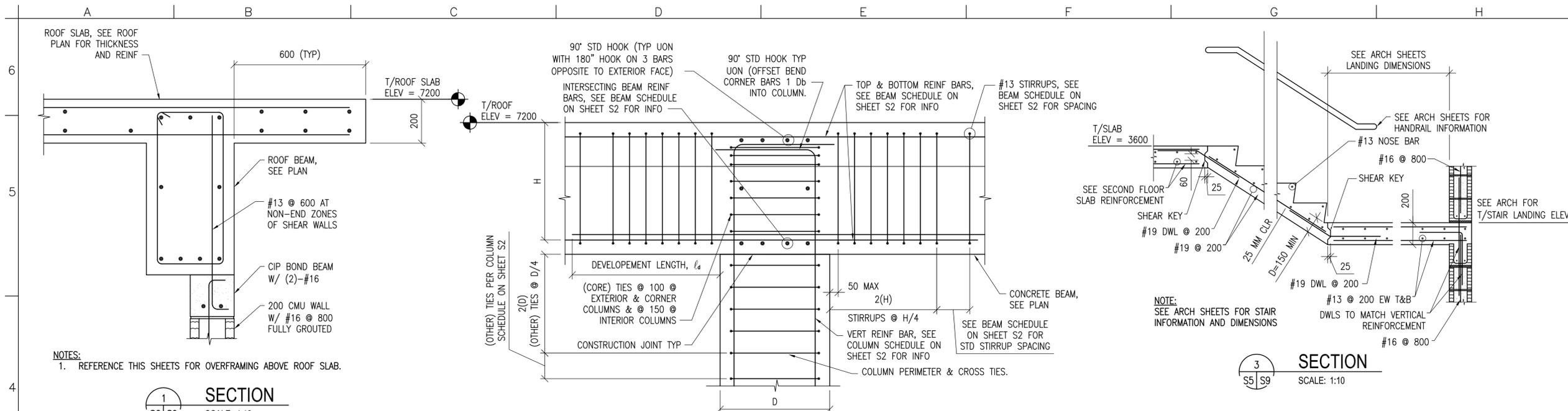
100% SUBMISSION



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

0 200 400 800
SCALE: 1: 10

0 400 800 1600
SCALE: 1: 20



US Army Corps of Engineers
Afghanistan Engineer District

| DATE | DESCRIPTION |
|-------------------------------------|------------------------|
| 09-30-09 <td>DESIGNED BY: MMY </td> | DESIGNED BY: MMY |
| | DWN BY: RCG |
| | CHK BY: CWV |
| | SUBMITTED BY: BAKER |
| | FILE NO: ANFSDS-309XXX |

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BARRACK BUILDING, 2-STORY
ELECTRIC HEAT OPTION

FLOOR & ROOF FRAMING SECTIONS & DETAILS

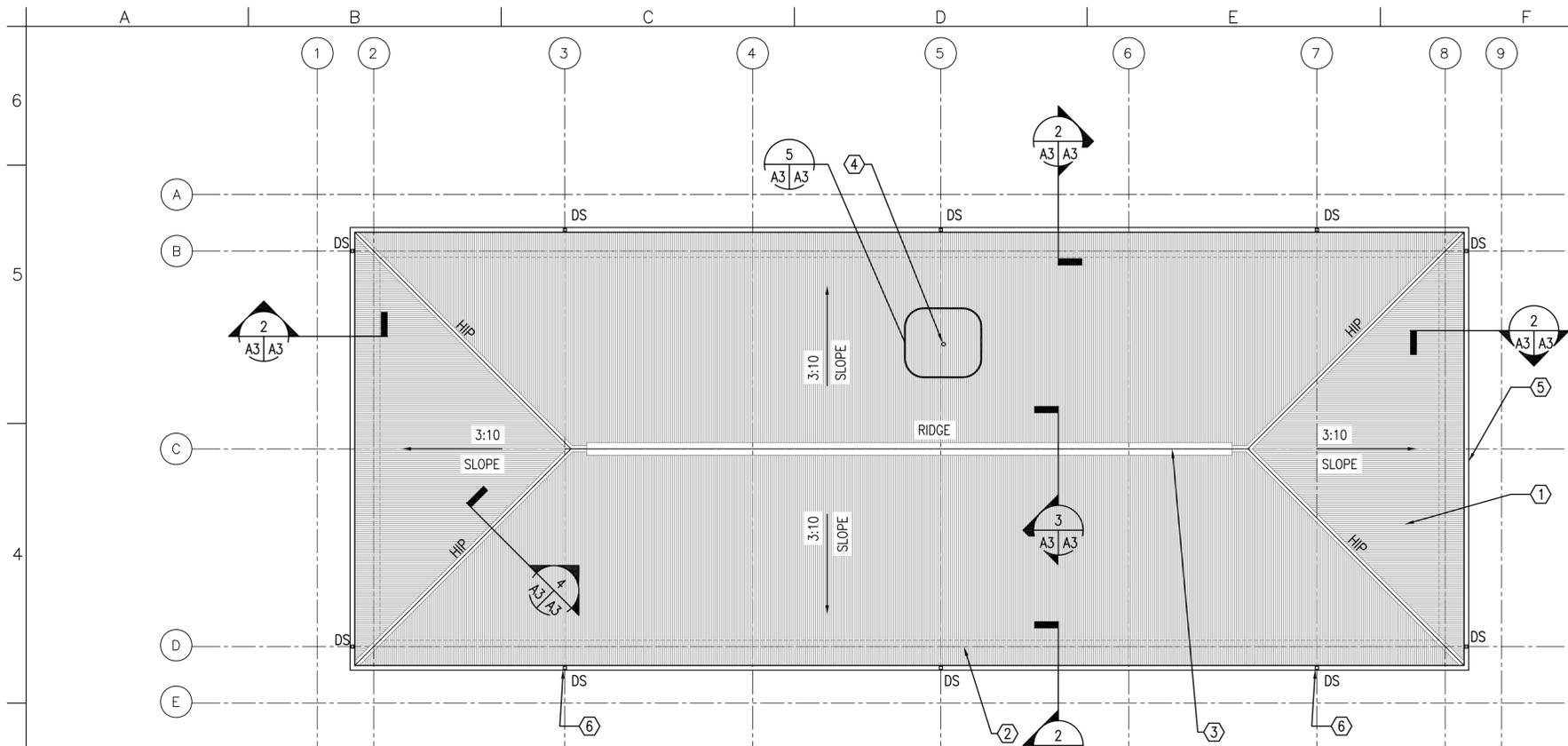
UNLESS OTHERWISE NOTED, LINEAR DIMENSIONS SHOWN ARE IN MILLIMETERS (MM)

SCALE: 1: 10

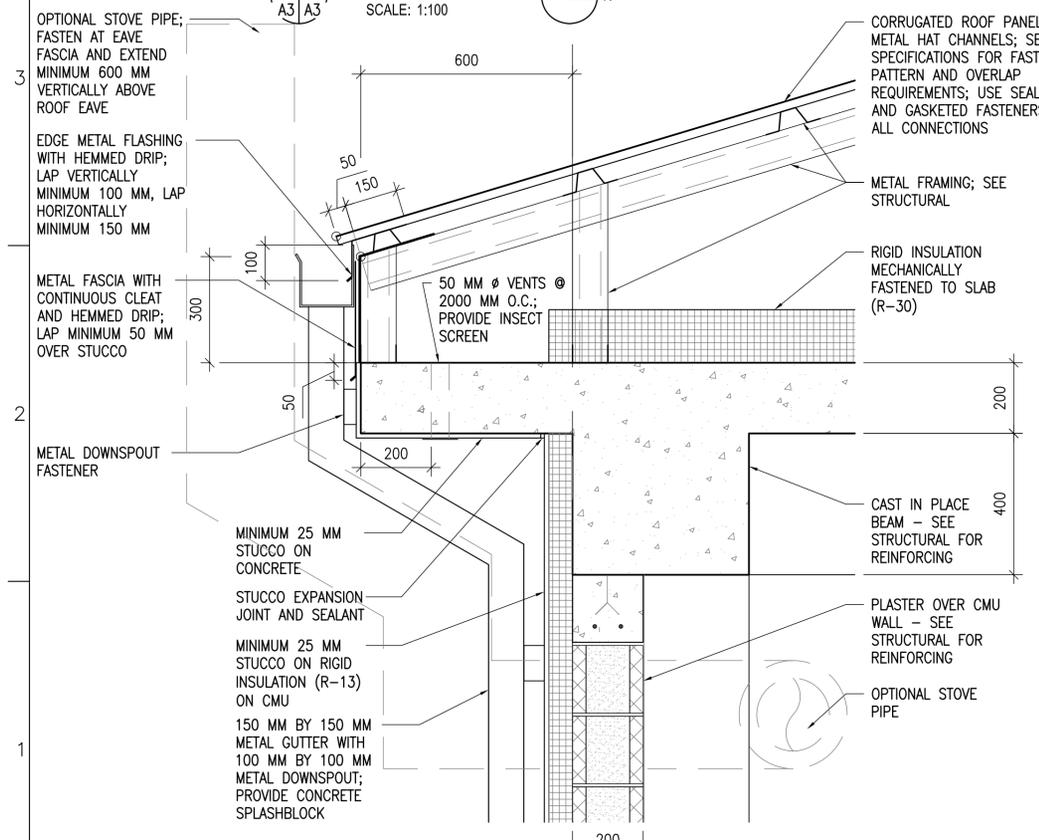
SCALE: 1: 20

SHEET REFERENCE NUMBER:
S9

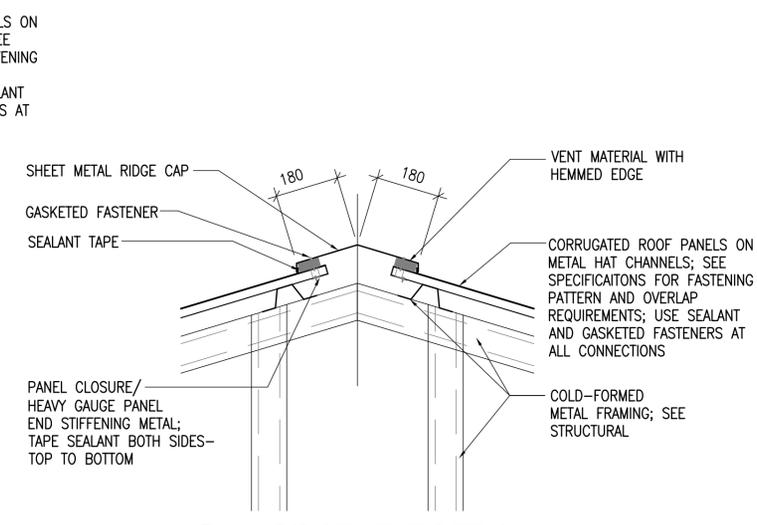
100% SUBMISSION



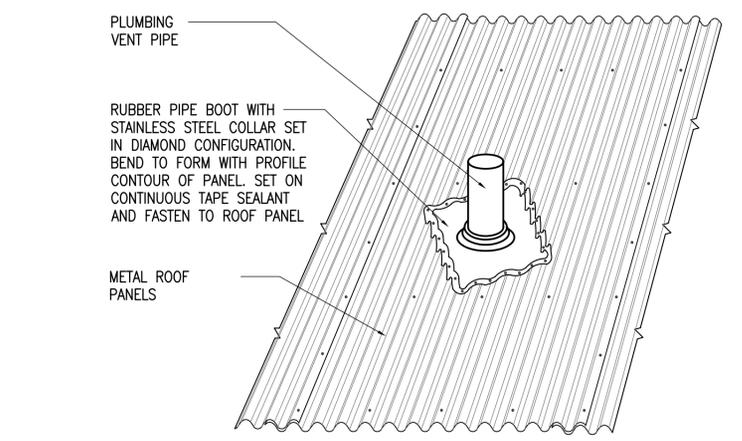
1
A3 | A3
ROOF PLAN
SCALE: 1:100



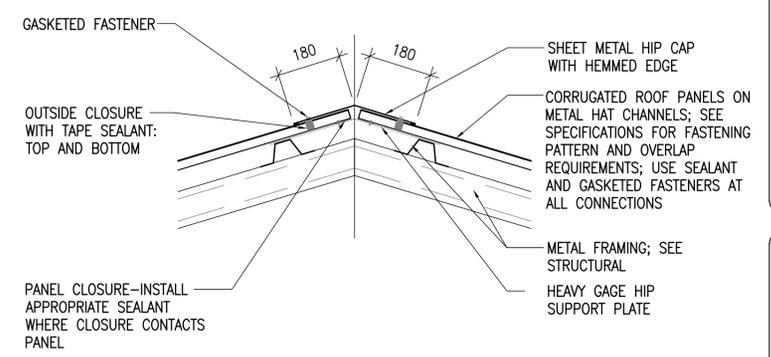
2
A3 | A3
EAVE DETAIL
SCALE: 1:10



3
A3 | A3
RIDGE VENT DETAIL
SCALE: 1:10

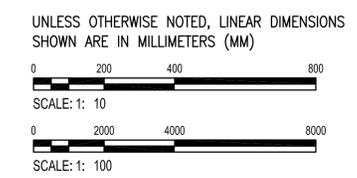


5
A3 | A3
VENT THRU ROOF
SCALE: 1:10



4
A3 | A3
HIP DETAIL
SCALE: 1:10

- KEY NOTES:** (X)
- CORRUGATED METAL ROOF PANELS ON COLD-FORMED METAL FRAMING
 - LINE OF BUILDING WALL BELOW
 - CONTINUOUS RIDGE VENT
 - PLUMBING VENT - RE: DETAIL 5/A3
 - METAL GUTTER
 - METAL DOWNSPOUT WITH SPLASHBLOCK



US Army Corps of Engineers
Afghanistan Engineer District

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| DESIGNED BY: DLB | DATE: 09-30-09 |
| DWN BY: AAR | SUBMITTED BY: BAKER |
| CHK BY: KRC | FILE NO: ANPSDA-103XXX |

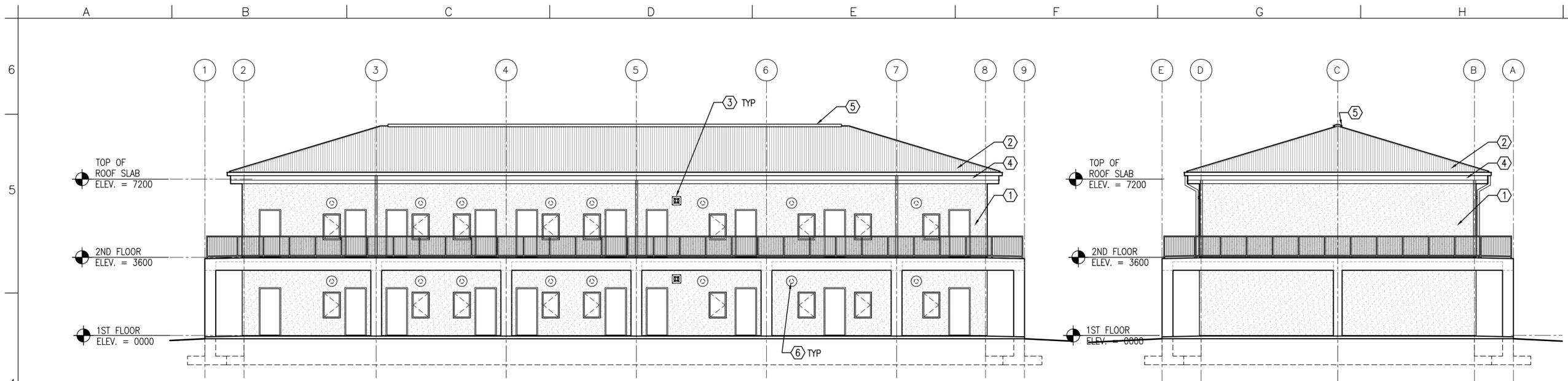
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BARRACK BUILDING, 2-STORY
ELECTRIC HEAT OPTION

ROOF PLAN AND DETAILS

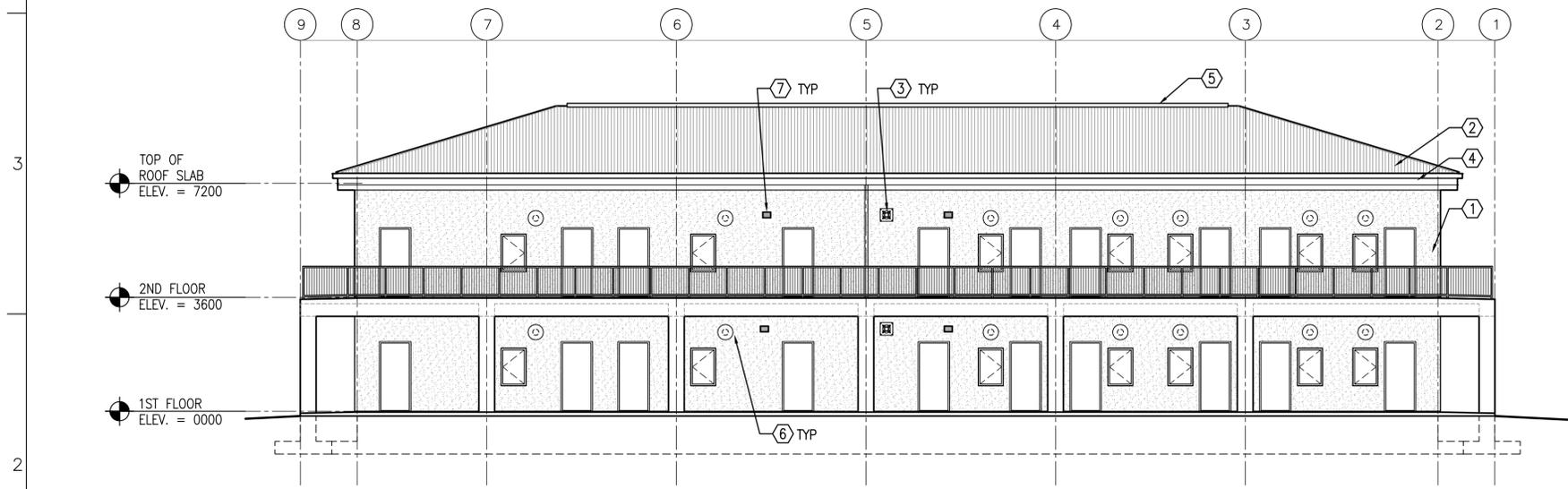
SHEET REFERENCE NUMBER:
A3

100% SUBMISSION



1 EAST ELEVATION
A1/A4 SCALE: 1:100

2 NORTH AND SOUTH ELEVATION
A1/A4 SCALE: 1:100



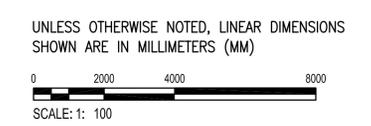
3 WEST ELEVATION
A1/A4 SCALE: 1:100

GENERAL NOTES:

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

KEY NOTES:

- 1. STUCCO AND RIGID INSULATION SYSTEM OVER CMU AND CONCRETE.
- 2. CORRUGATED METAL ROOF PANELS ON COLD-FORMED METAL FRAMING.
- 3. EXHAUST FAN - RE: MECH
- 4. METAL GUTTER
- 5. CONTINUOUS RIDGE VENT
- 6. TWO-PIECE WALL THIMBLE AND TRIM PLATE FOR OPTIONAL WOOD BURNING STOVE CHIMNEY PIPE. STOVE AND PIPE BY OTHERS.
- 7. LOUVER - RE: MECH



US Army Corps of Engineers
Afghanistan Engineer District

| SYMBOL | DESCRIPTION | DATE |
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| DWN BY: | AAR | SUBMITTED BY: | BAKER |
| CHK BY: | KRC | FILE NO.: | ANPSDA-204XXX |

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BARRACK BUILDING, 2-STORY
ELECTRIC HEAT OPTION
EXTERIOR ELEVATIONS

SHEET REFERENCE NUMBER:
A4

100% SUBMISSION

| SYMBOL | DESCRIPTION | DATE | APP |
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| DESIGNED BY: | DATE: | 09-30-09 |
| DWL BY: | SUBMITTED BY: | BAKER |
| CHK BY: | FILE NO.: | ANPSDA-306XXX |
| KRC | | |

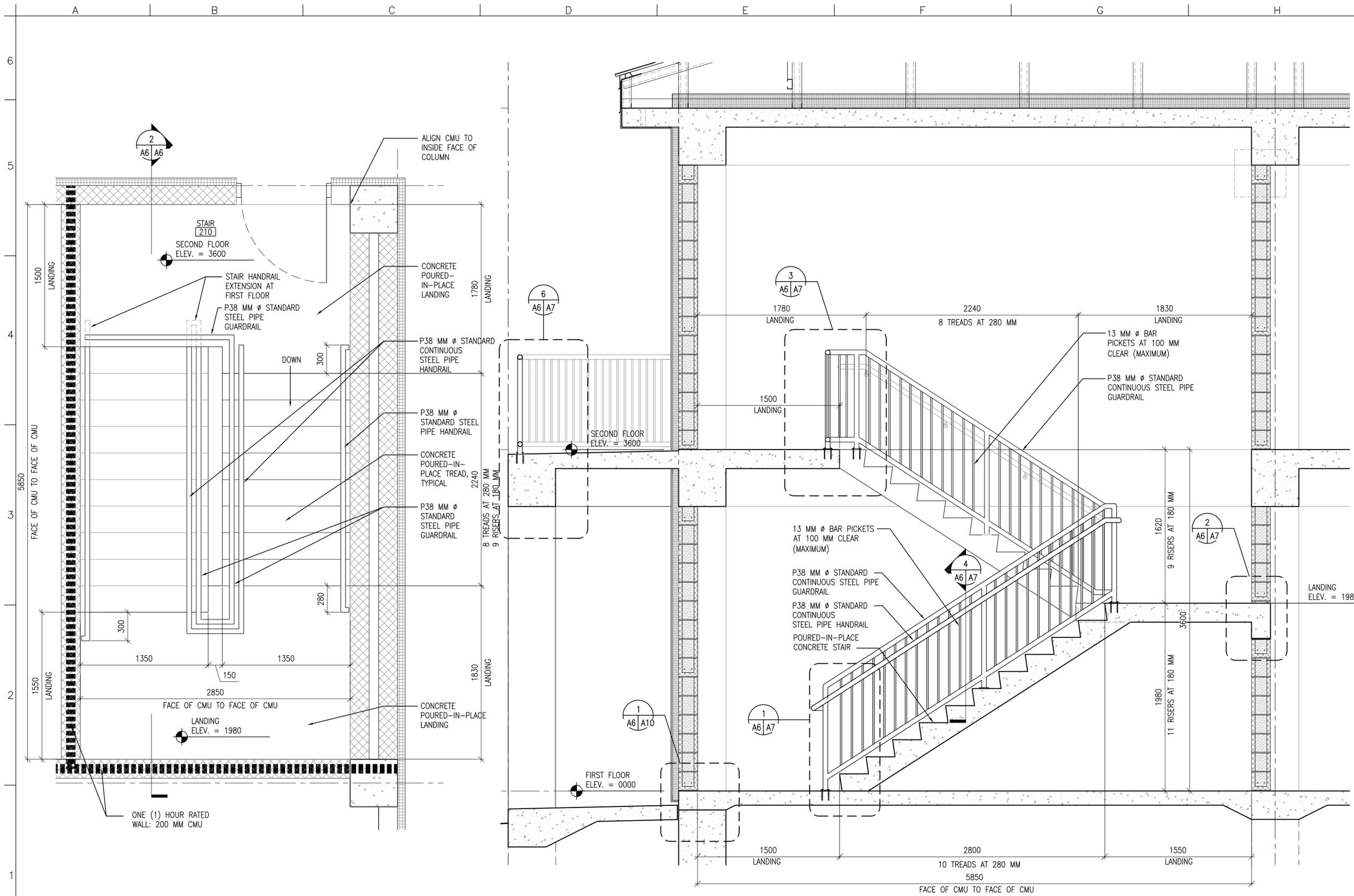
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BARRACK BUILDING, 2-STORY
ELECTRIC HEAT OPTION

STAIR PLAN & SECTION

SHEET REFERENCE NUMBER:
A6

100% SUBMISSION



1
A2 | A6
STAIR PLAN
SCALE: 1:20
NOTE: STAIR 211 IS THE SAME PLAN, BUT ROTATED 180 DEGREES.

2
A6 | A6
STAIR SECTION
SCALE: 1:20

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

0 400 800 1600
SCALE: 1: 20

| SYMBOL | DATE | DESCRIPTION |
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| DESIGNED BY: | DLB | DATE: | 09-30-09 |
| DWN BY: | AAR | SUBMITTED BY: | BAKER |
| CHK BY: | KRC | FILE NO.: | ANPSDA-509XXX |

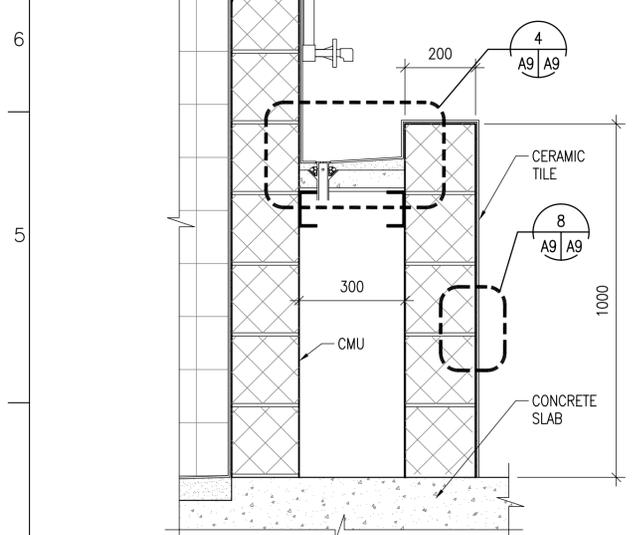
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BARRACK BUILDING, 2-STORY
ELECTRIC HEAT OPTION
LATRINE AND SHOWER DETAILS

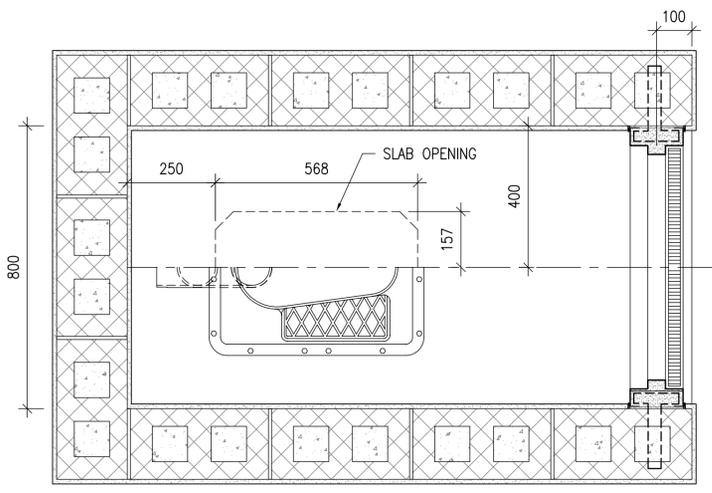
SHEET REFERENCE NUMBER:
A9

100% SUBMISSION

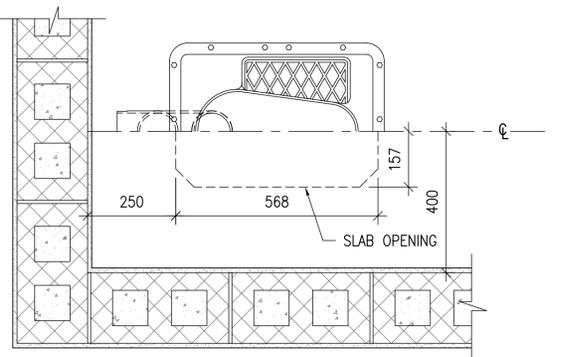
A B C D E F G H



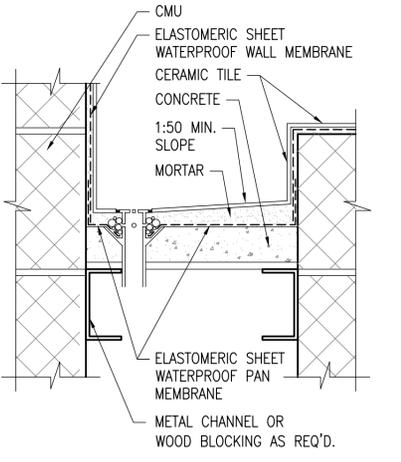
1 LAVATORY SECTION
SCALE: 1:10



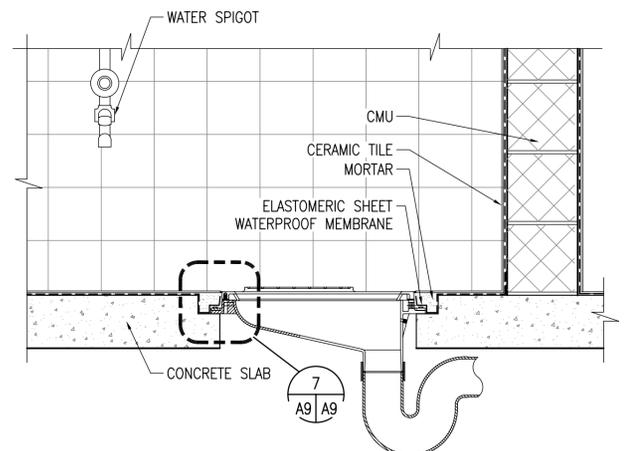
2 TYPICAL TOILET STALL DETAIL
SCALE: 1:10
ZURN Z1290 EASTERN STYLE WATER CLOSET



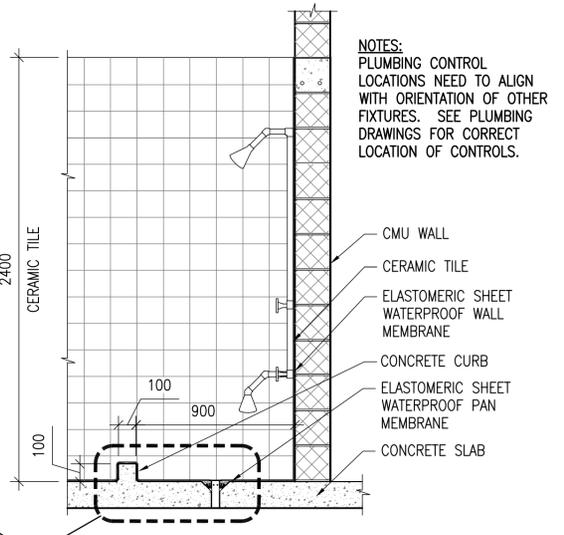
3 TYPICAL TOILET DETAIL
SCALE: 1:10
ZURN Z1290 EASTERN STYLE WATER CLOSET



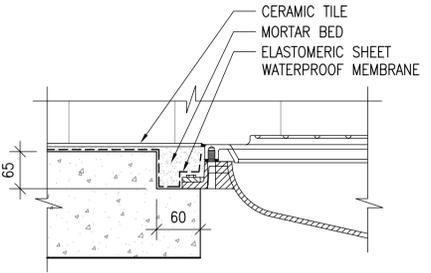
4 LAVATORY DETAIL
SCALE: NTS
NOTE: WALL MEMBRANE LAPS OVER PAN MEMBRANE
TCA METHOD: B417



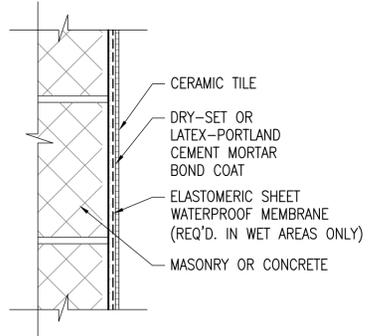
5 THIN SET LATRINE
SCALE: 1:10



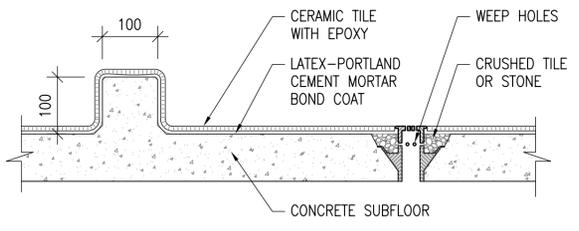
6 THIN SET SHOWER
SCALE: 1:20



7 MOUNTING DETAIL
SCALE: NTS



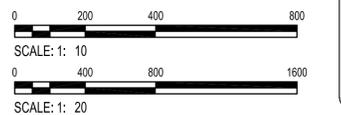
8 WALL DETAIL
SCALE: NTS
TCA METHOD: W222



9 THIN SET CURB
SCALE: NTS
TCA METHOD: F115

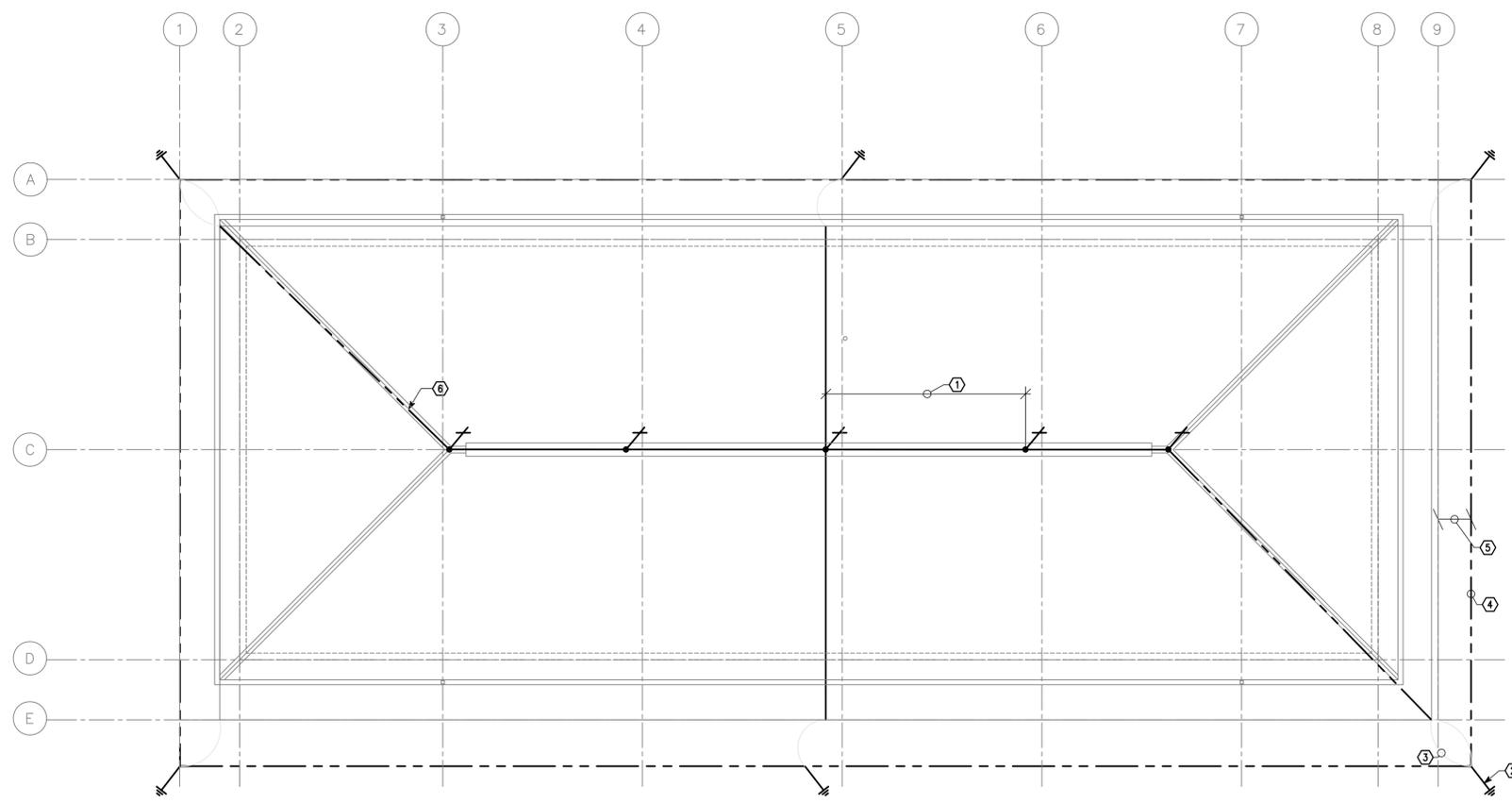
NOTES:
PLUMBING CONTROL LOCATIONS NEED TO ALIGN WITH ORIENTATION OF OTHER FIXTURES. SEE PLUMBING DRAWINGS FOR CORRECT LOCATION OF CONTROLS.

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



A B C D E F G H

6
5
4
3
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1



GENERAL NOTES:

1. REFER TO DRAWING #E0 FOR THE ELECTRICAL SYMBOLS LIST.
2. REFER TO DRAWING #E8 FOR DETAILS RELATING TO LIGHTNING PROTECTION AND GROUNDING.
3. FLAG POLE SHALL HAVE THE SAME LIGHTNING PROTECTION SYSTEM AS THE POLE SUPPORTING THE PUBLIC ADDRESS SPEAKER CLUSTER. SEE DRAWING #E8 FOR DETAILS.

NUMBERED NOTES:

- ① THIS DISTANCE SHALL BE A MAXIMUM OF 6.0 METERS.
- ② INSTALL DOWN CONDUCTOR IN 25mm SCHEDULE 80 PVC CONDUIT TO 20mm DIAMETER x 3 METERS SOLID COPPER TINNED GROUND ROD. (TYPICAL)
- ③ CADWELD TO BUILDING STRUCTURE AT 18 METERS O.C. AROUND ENTIRE PERIMETER OR BUILDING. (TYPICAL)
- ④ (1) #120.0mm² BARE, TINNED COPPER COUNTERPOISE GROUND 700mm BELOW GRADE.
- ⑤ 700mm MIN. (TYPICAL) BETWEEN FOUNDATION AND GROUND LOOP.
- ⑥ 120mm² LIGHTNING PROTECTION CABLE.


US Army Corps of Engineers
 Afghanistan Engineer District

| SYMBOL | DESCRIPTION | DATE |
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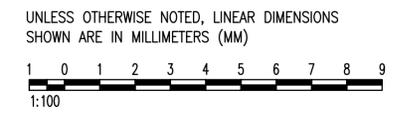
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| DESIGNED BY: JRG | DATE: 09-30-09 |
| DWN BY: JRG | SUBMITTED BY: BAKER |
| CHK BY: JRG | FILE NO: ANPSDE-105XXX |

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 BARRACK BUILDING, 2-STORY
 ELECTRIC HEAT OPTION
ROOF LIGHTNING PROTECTION PLAN

SHEET REFERENCE NUMBER:
E5

1 **ROOF LIGHTNING PROTECTION PLAN** N
 SCALE: 1:100



100% SUBMISSION

