

GENERAL NOTES:

- A. COORDINATE SIZE AND LOCATION OF OPENINGS FOR MECHANICAL ITEMS WITH MECHANICAL DRAWINGS.
- B. PROVIDE STRUCTURAL LINTELS AS REQUIRED - SEE STRUCTURAL DRAWINGS
- C. ALL EXTERIOR WALL FINISHES SHALL BE STUCCO OVER CMU AND CONCRETE SUBSTRATES. PROVIDE CONTROL JOINTS IN STUCCO WALL FINISH AS NOTED.
- D. ROOF SHALL BE CORRUGATED METAL ROOF PANELS ON COLD-FORMED METAL FRAMING ON CONCRETE SLAB.

<p>US ARMY CORPS OF ENGINEERS AFGHANISTAN ENGINEER DISTRICT</p>	
Rev:	0
Date:	2/23/10
Design file no.:	
Drawn by:	N.L.J.
Checked by:	EBB
Reviewed by:	LHM
Submitted by:	BAKER
Drawing code:	
File name:	ANMBENBA-201ELEV
Plot date:	2/23/2010
Plot scale:	XX
Appr.:	
Date:	
Description:	
Mark:	

KEY NOTES:

- 1. CONTINUOUS METAL RIDGE VENT - SEE DETAIL 4/A-501.
- 2. LOUVER, LOCATE TOP OF WALL PENETRATION 2800 MM ABOVE FINISHED FLOOR - SEE MECHANICAL DRAWINGS.
- 3. EXHAUST FAN, LOCATE TOP OF WALL PENETRATION 2800 MM ABOVE FINISHED FLOOR - SEE MECHANICAL DRAWINGS.
- 4. WALL GRILL, LOCATE TOP OF WALL PENETRATION 2800 MM ABOVE FINISHED FLOOR - SEE MECHANICAL DRAWINGS.
- 5. CANOPY - SEE DETAIL 1/A-504.
- 6. STUCCO CONTROL JOINT - SEE DETAIL 2A/A-501
- 7. EXPANSION JOINT COVER - SEE SHEET A-507
- 8. EXTERIOR LIGHT FIXTURE - SEE ELECTRICAL

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

APPROVED:

A/E DESIGNER OF RECORD

SEAL:



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REGIONAL MILITARY TRAINING CENTER
STANDARD DESIGN

ENLISTED BARRACKS

ELEVATIONS

Sheet reference number:
A-201

1

2

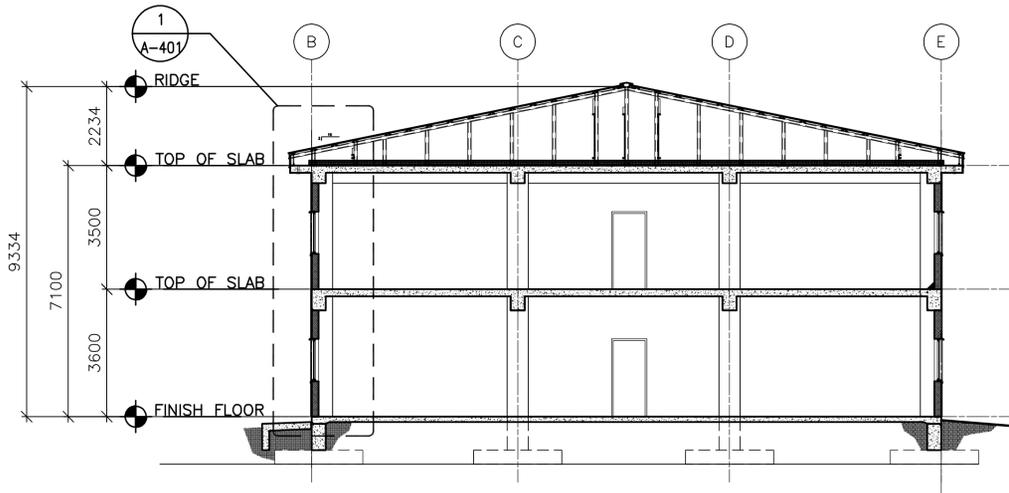
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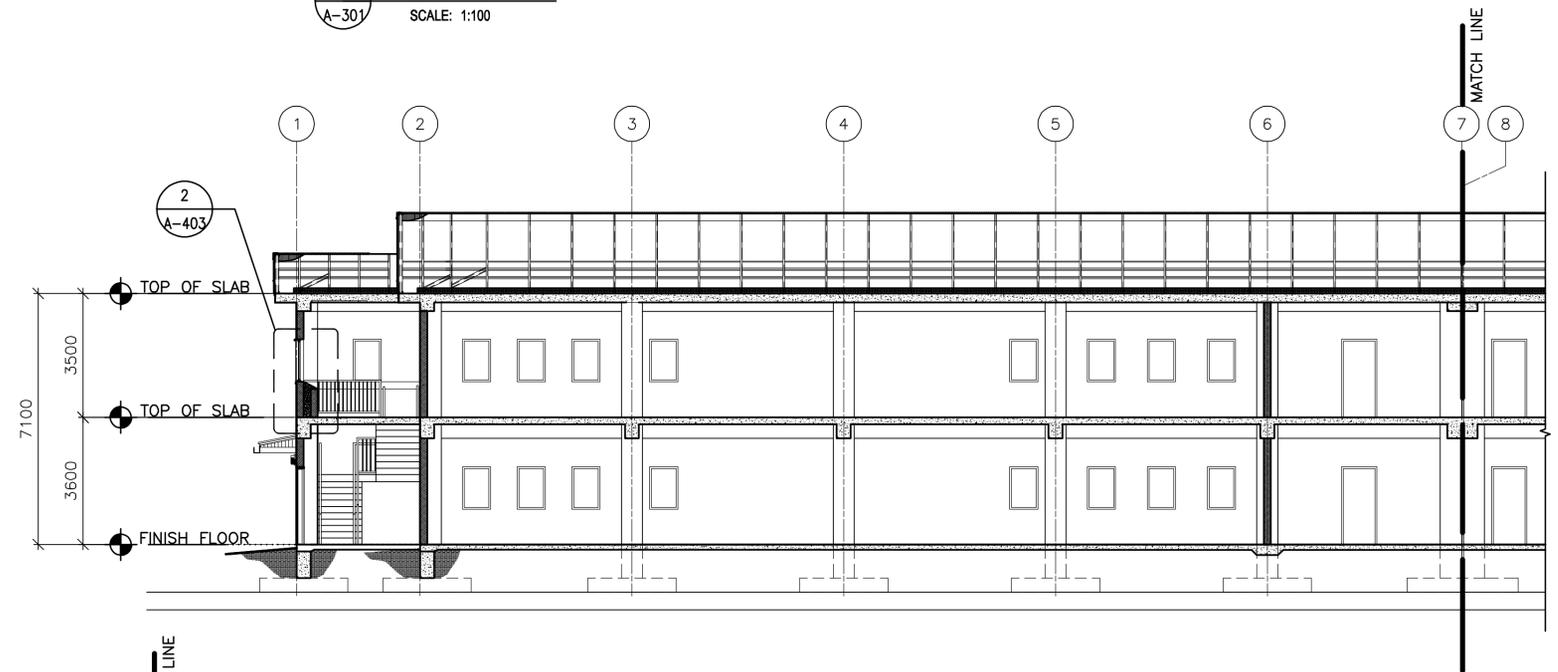
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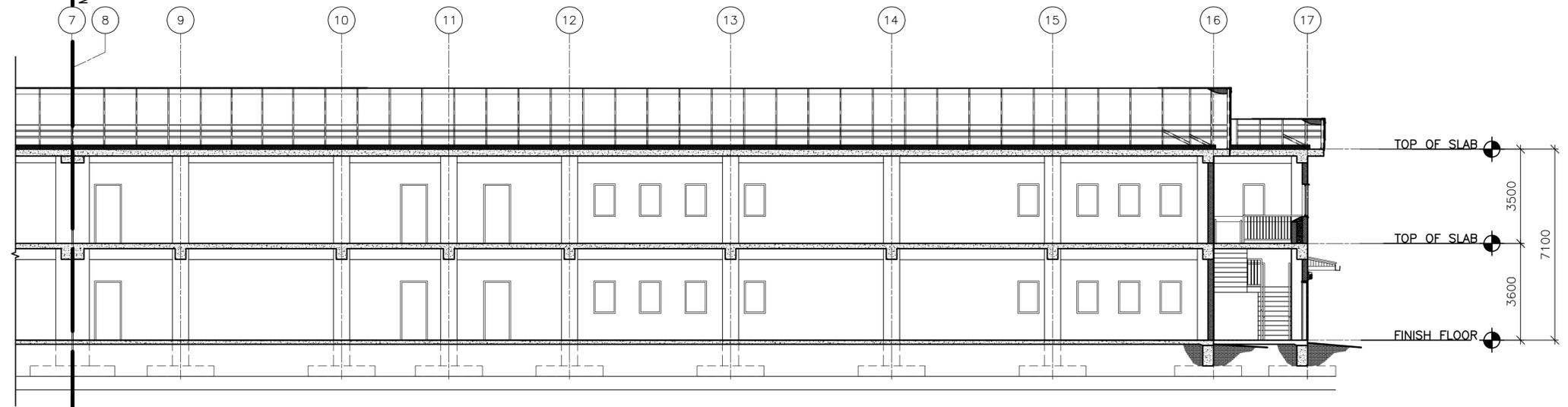
US ARMY CORPS OF ENGINEERS
AFGHANISTAN ENGINEER DISTRICT



1 SECTION
SCALE: 1:100



2 SECTION
SCALE: 1:100



3 SECTION
SCALE: 1:100



APPROVED:
X. R. Chafin
A/E DESIGNER OF RECORD



Rev.	Date	Mark	Description
0	2/23/10		

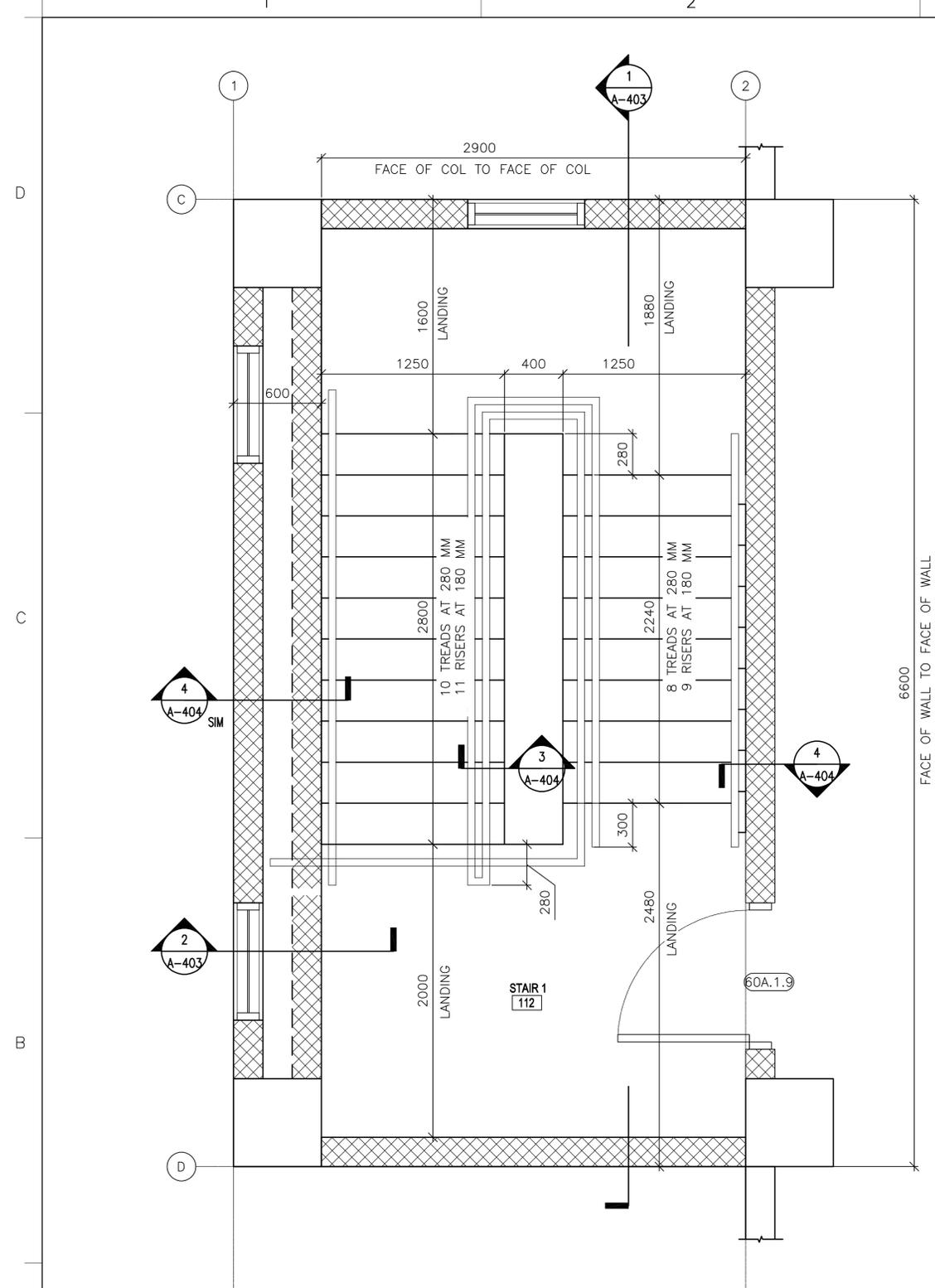
Designed by: KRC
 Dwn by: EBB
 Ckd by: NLJ
 Reviewed by: LHM
 Submitted by: BAKER

Date: 2/23/10
 Design file no.:
 Drawing code: ANABENBA-301BS
 File name: ANABENBA-301BS
 Plot date: 2/23/2010
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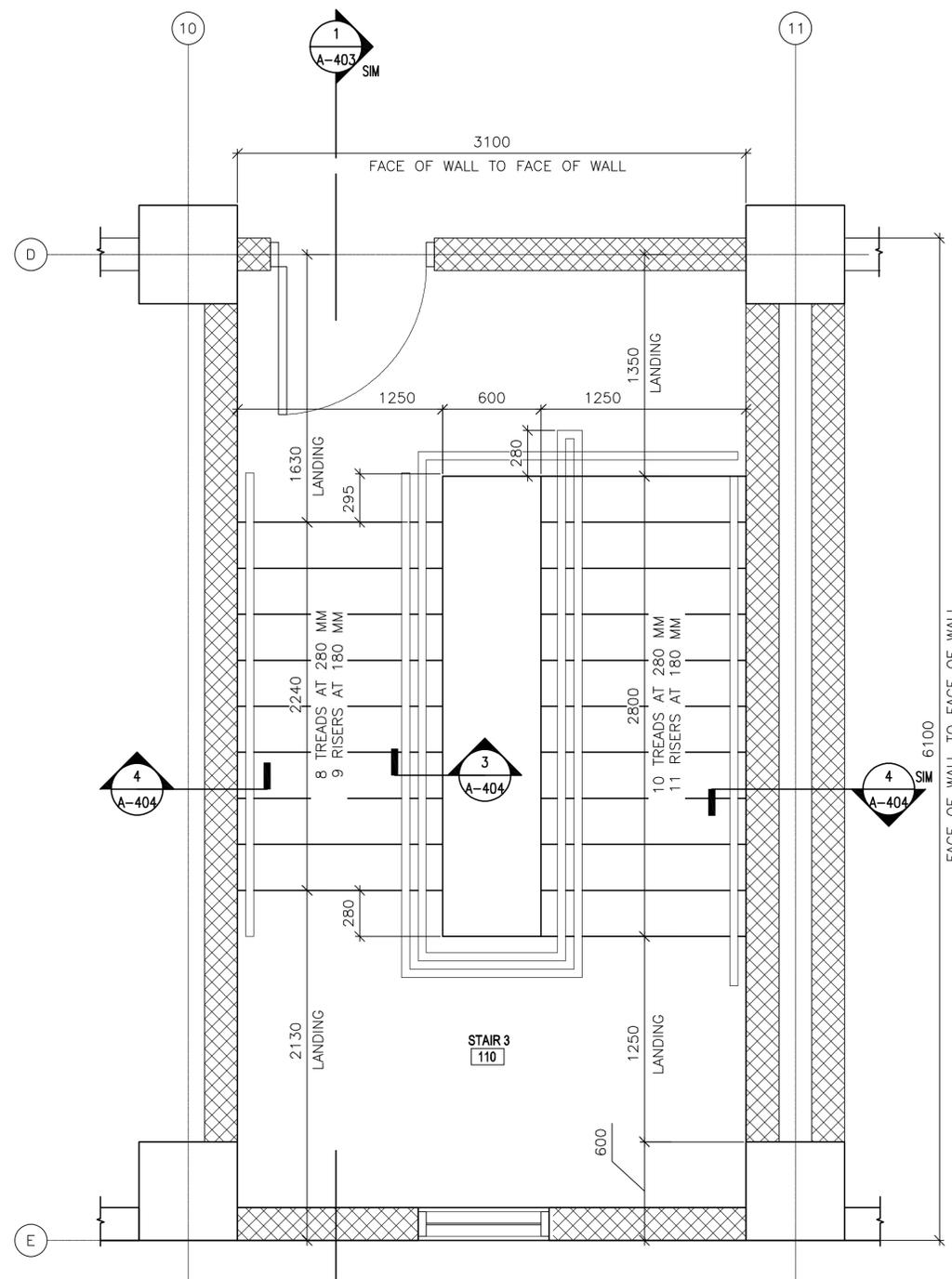
U.S. ARMY CORPS OF ENGINEERS
 AFGHANISTAN ENGINEER DISTRICT
 APO AE 96338
 Michael Baker Corp.
 A unit of Michael Baker Corporation
 100 Riverside Blvd., PA 15108
 www.mbakercorp.com

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 ENLISTED BARRACKS
 BUILDING SECTIONS

Sheet reference number:
A-301

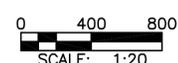


1
A-402
STAIR 1 (STAIR 2 OPP. HAND)
SECOND FLOOR STAIR PLAN
SCALE: 1:20



2
A-402
STAIR 3
SECOND FLOOR STAIR PLAN
SCALE: 1:20

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



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K. R. Chafin
A/E DESIGNER OF RECORD



Rev.	Date	Description	Appr.	Date
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Designed by: KRC
Dwn by: EBB
Ctd by: NLJ
Reviewed by: LHM
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Plot scale: xx

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STANDARD DESIGN
ENLISTED BARRACKS
STAIR PLANS

Sheet reference number:
A-402



US ARMY CORPS OF ENGINEERS
AFGHANISTAN ENGINEER DISTRICT

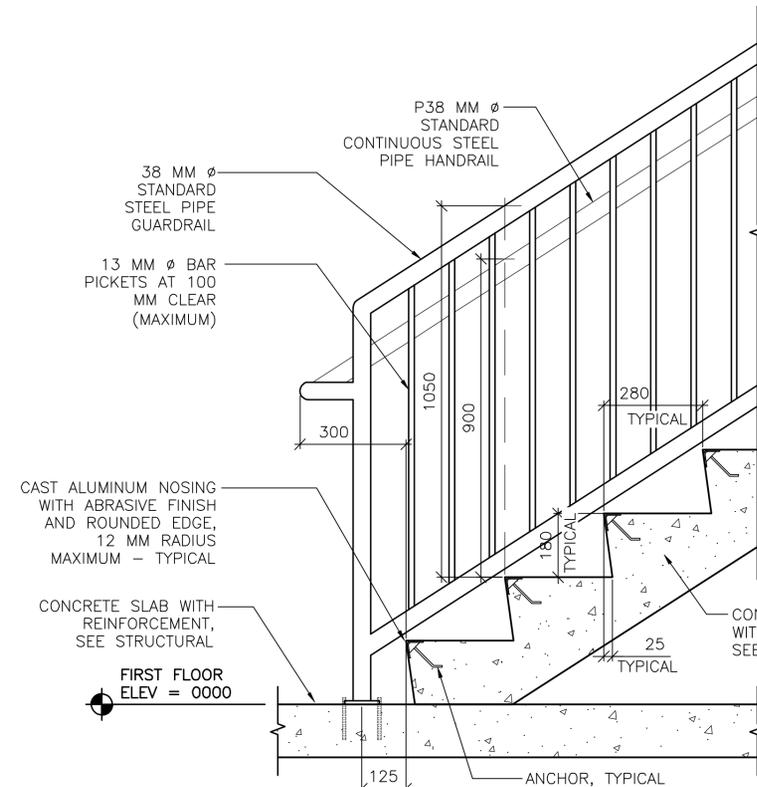
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Dwn by:	EBB	Reviewed by:	LHM
Submitted by:	BAKER		

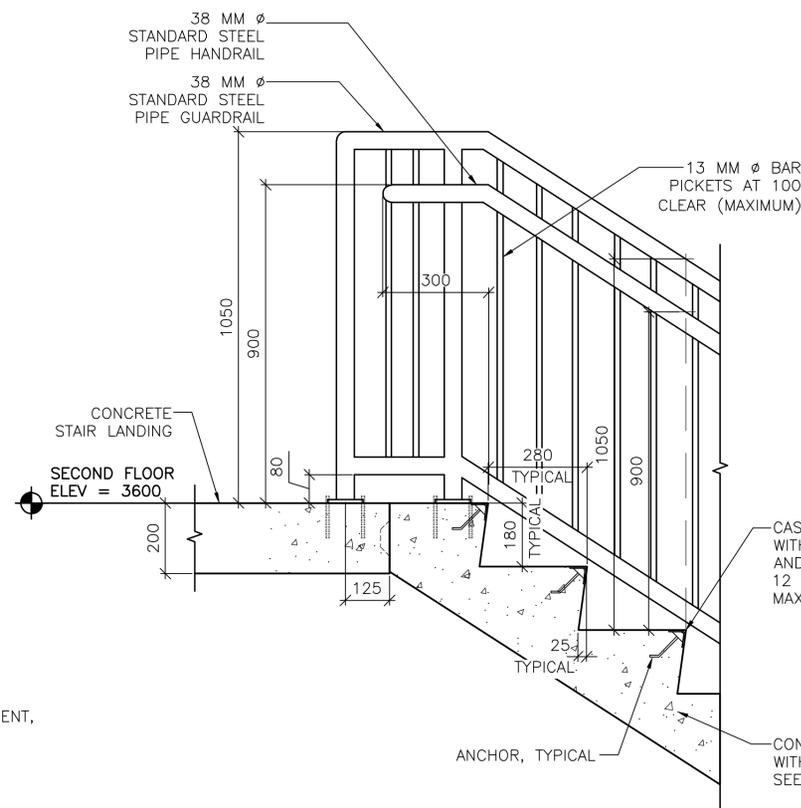
U.S. ARMY CORPS OF ENGINEERS
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STAIR DETAILS

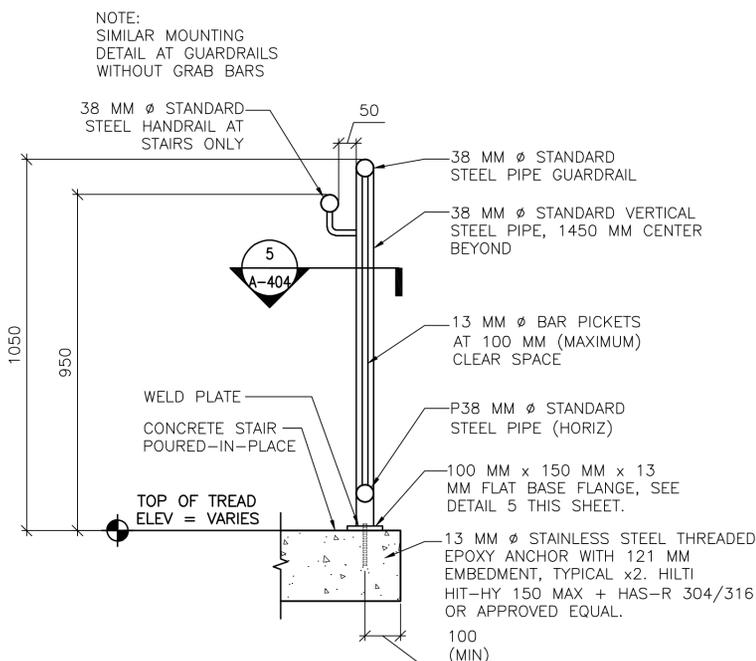
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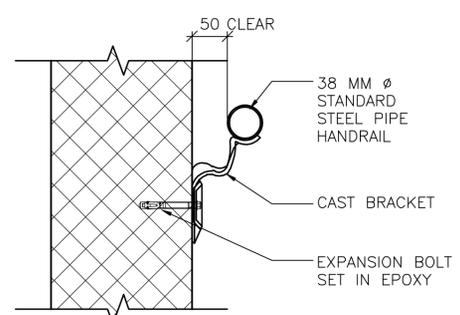
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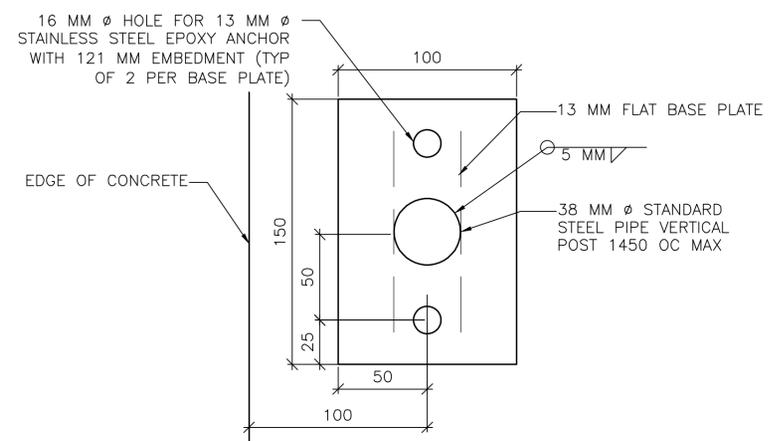
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A-404 **SCALE: 1:10**



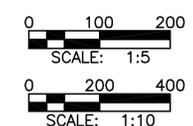
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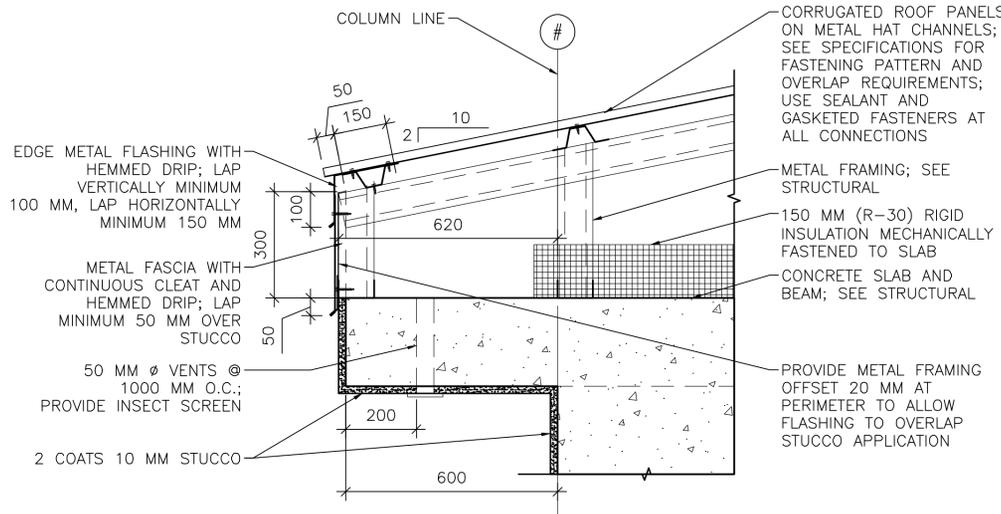


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A-404 **SCALE: NOT TO SCALE**

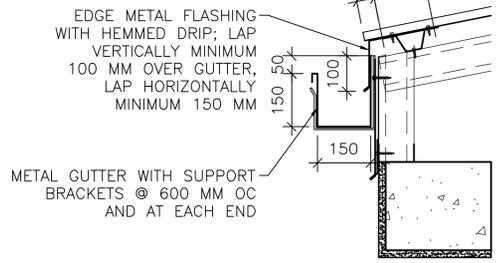
LINEAR DIMENSIONS SHOWN ARE IN MILLIMETERS (MM), UNLESS OTHERWISE NOTED

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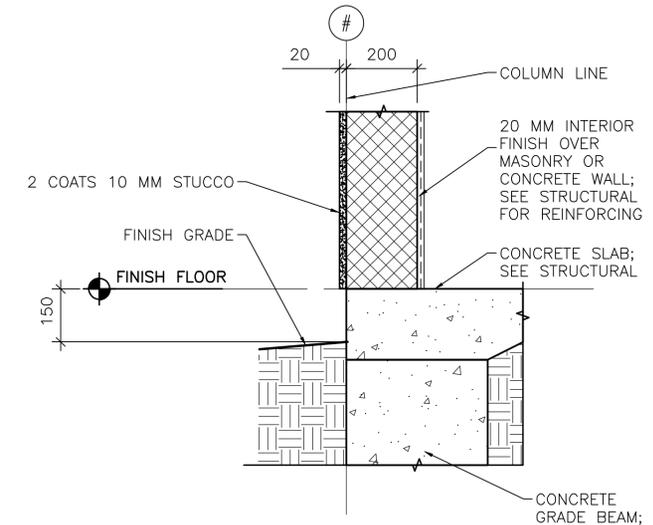




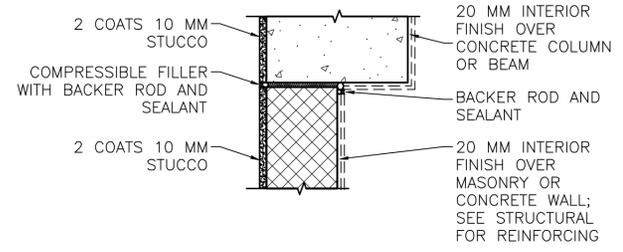
1 EAVE DETAIL
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1A GUTTER DETAIL
SCALE: 1:10

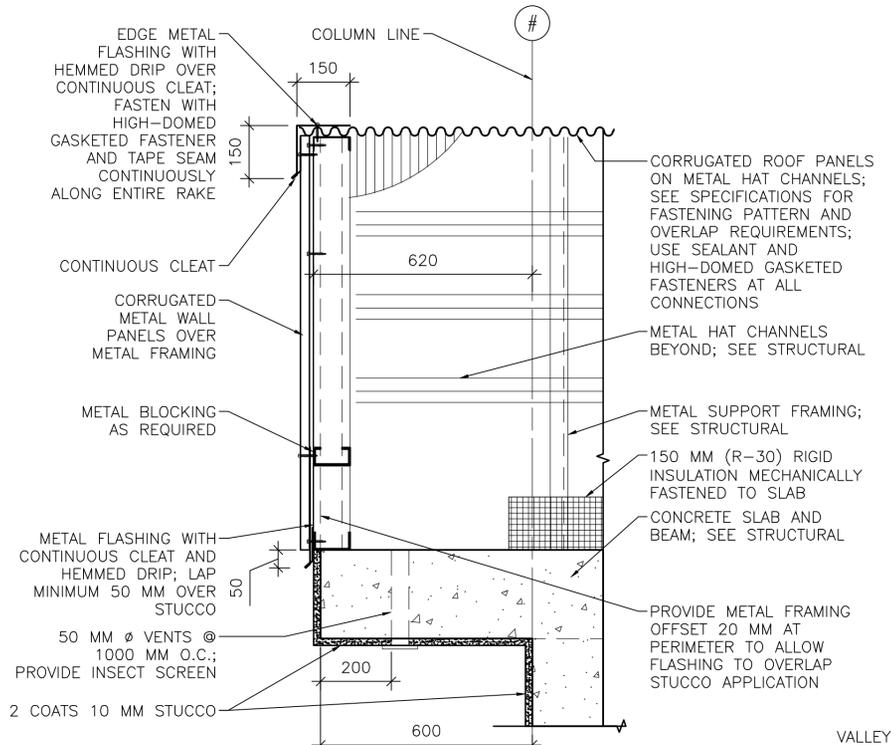


2 STUCCO BASE DETAIL
SCALE: 1:10

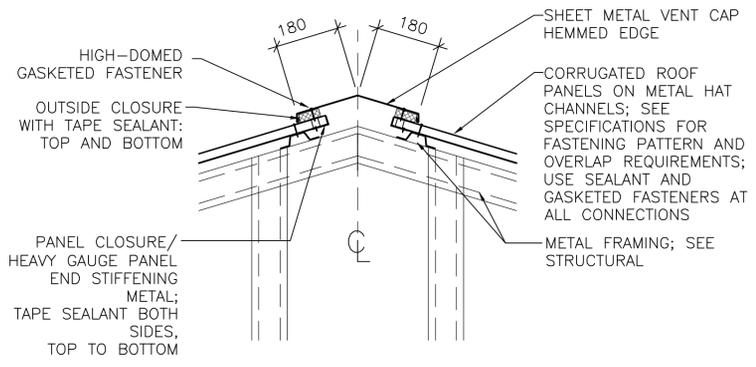


2A STUCCO JOINT DETAIL
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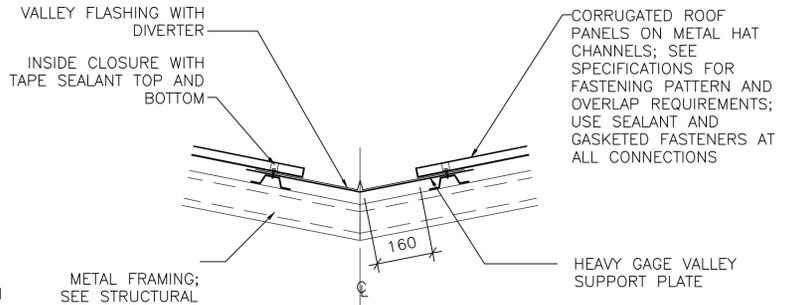
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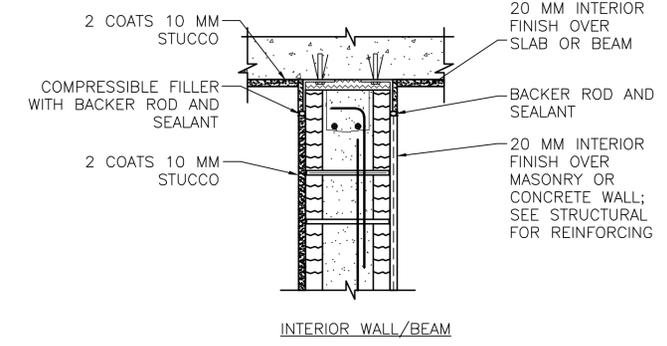
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SCALE: 1:10



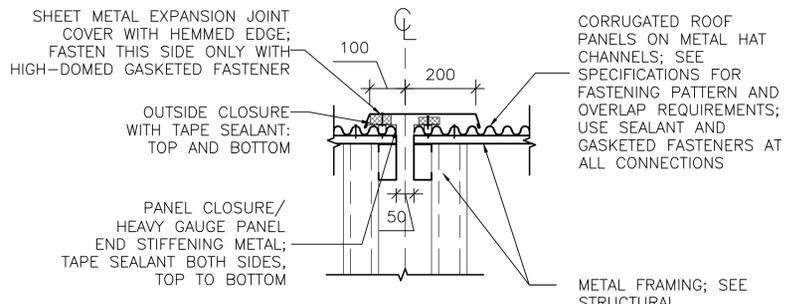
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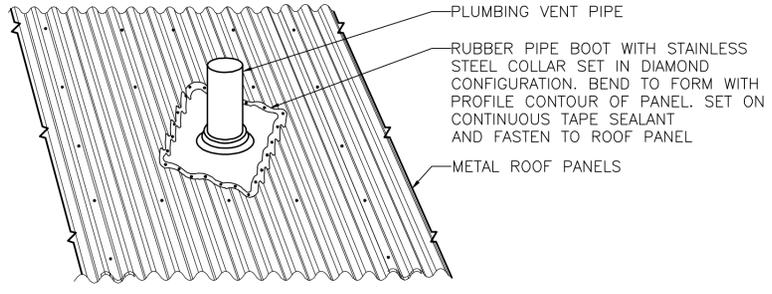
6 VALLEY DETAIL
SCALE: 1:10



2B ALTERNATE BRACING DETAIL
SCALE: 1:10



4A ROOF EXPANSION JOINT DETAIL
SCALE: 1:10



5 PLUMBING VENT DETAIL
SCALE: NTS

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0 200 400
SCALE: 1:10



Rev.	Date	Description	Appr.	Date

Designed by: KRC	Checked by: NLJ	Drawn by: EBB	Reviewed by: LHM	Submitted by: BAKER
Date: 2/23/10	Design file no.:	Drawing code:	File name: ANMBBA-50107	Plot date: 2/22/2010
U.S. ARMY CORPS OF ENGINEERS AFGHANISTAN ENGINEER DISTRICT APO AE 96338	Michael Baker, Inc. A Unit of Michael Baker Corporation Arlside Business Park 100 Arlside Drive, PA, 15108 www.mbakercorp.com	Plot scale: 1:10		

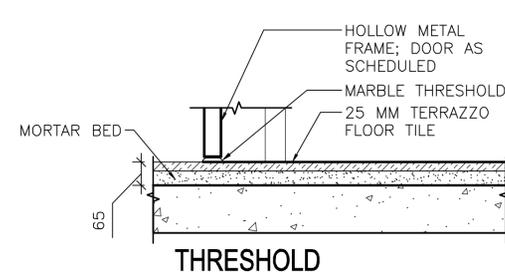
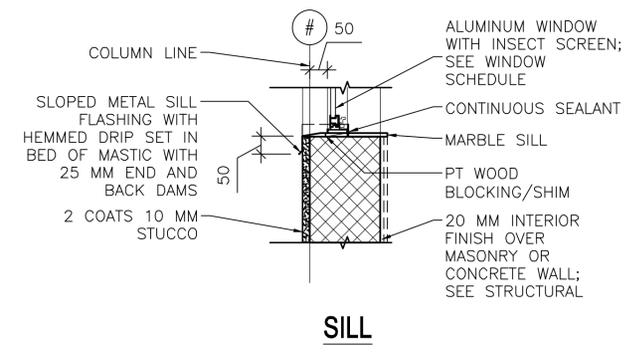
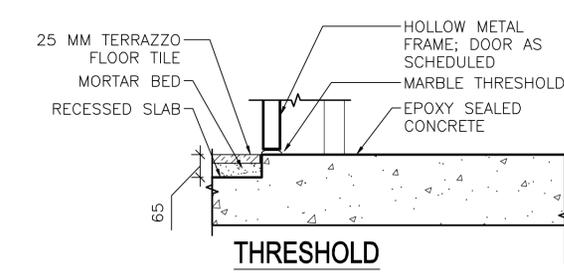
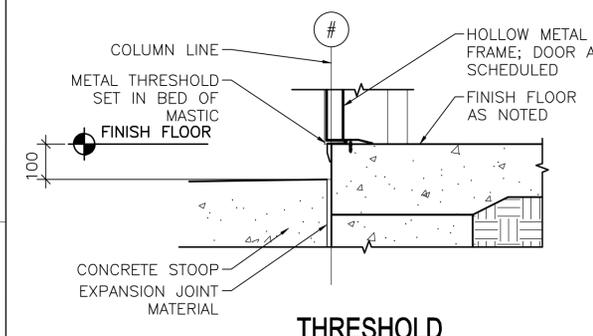
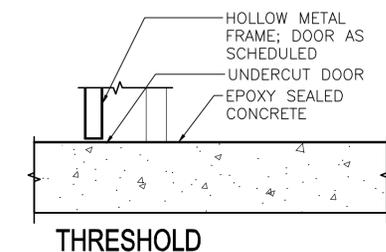
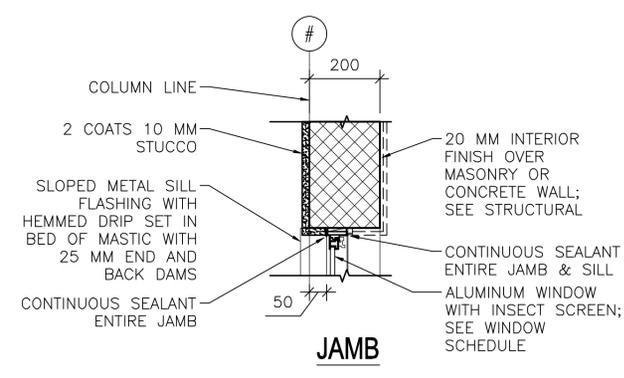
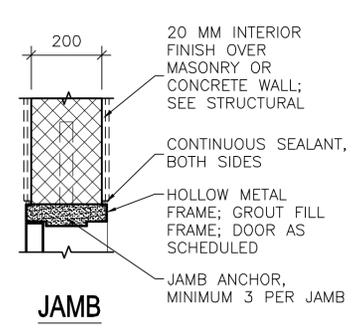
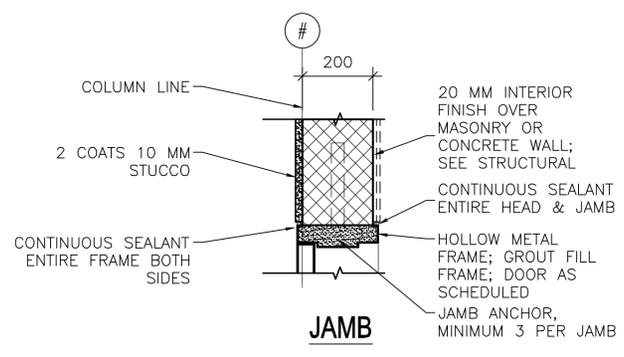
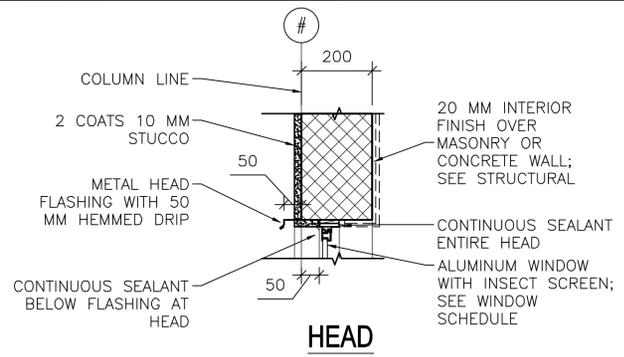
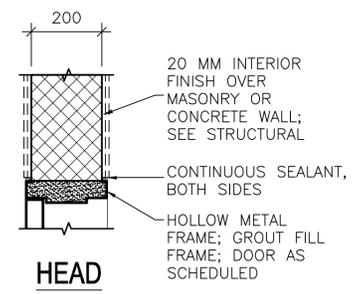
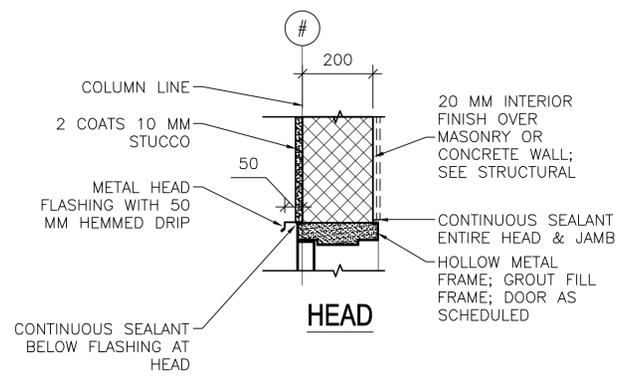
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STANDARD DESIGN

ENLISTED BARRACKS
EXTERIOR DETAILS

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Sheet reference number:
A-501



1 EXTERIOR DOOR DETAILS SCALE: 1:10

2 INTERIOR DOOR DETAILS SCALE: 1:10

3 EXTERIOR WINDOW DETAILS SCALE: 1:10

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0 200 400 SCALE: 1:10



Date	Rev.	Description	Mark	Appr.
	0			

Designed by: KRC	Checked by: NLJ	Date: 2/23/10	Rev: 0
Dwn by: EBB	Reviewed by: LHM	Design file no.:	Design file no.:
Submitted by: BAKER	File name: ANWBNA-020105	Drawing code: 2222010	Plot date: 2/23/2010
	Plot scale: 1:10		

AFGHAN NATIONAL ARMY
REGIONAL MILITARY TRAINING CENTER
STANDARD DESIGN

ENLISTED BARRACKS
HEAD, JAMB & SILL
DETAILS

APPROVED: *[Signature]*

A/E DESIGNER OF RECORD

SEAL:

Sheet reference number:
A-502

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AFGHANISTAN
ENGINEER DISTRICT

Rev.	Date	Description
0		

Designed by:	KRC	Checked by:	NLJ
Dwn by:	EBB	Reviewed by:	LHM
Submitted by:	BAKER	Drawing code:	ANABEBA-0007
		File name:	ANABEBA-0007
		Plot date:	2/23/10
		Plot scale:	1:5

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CANOPY
DETAILS

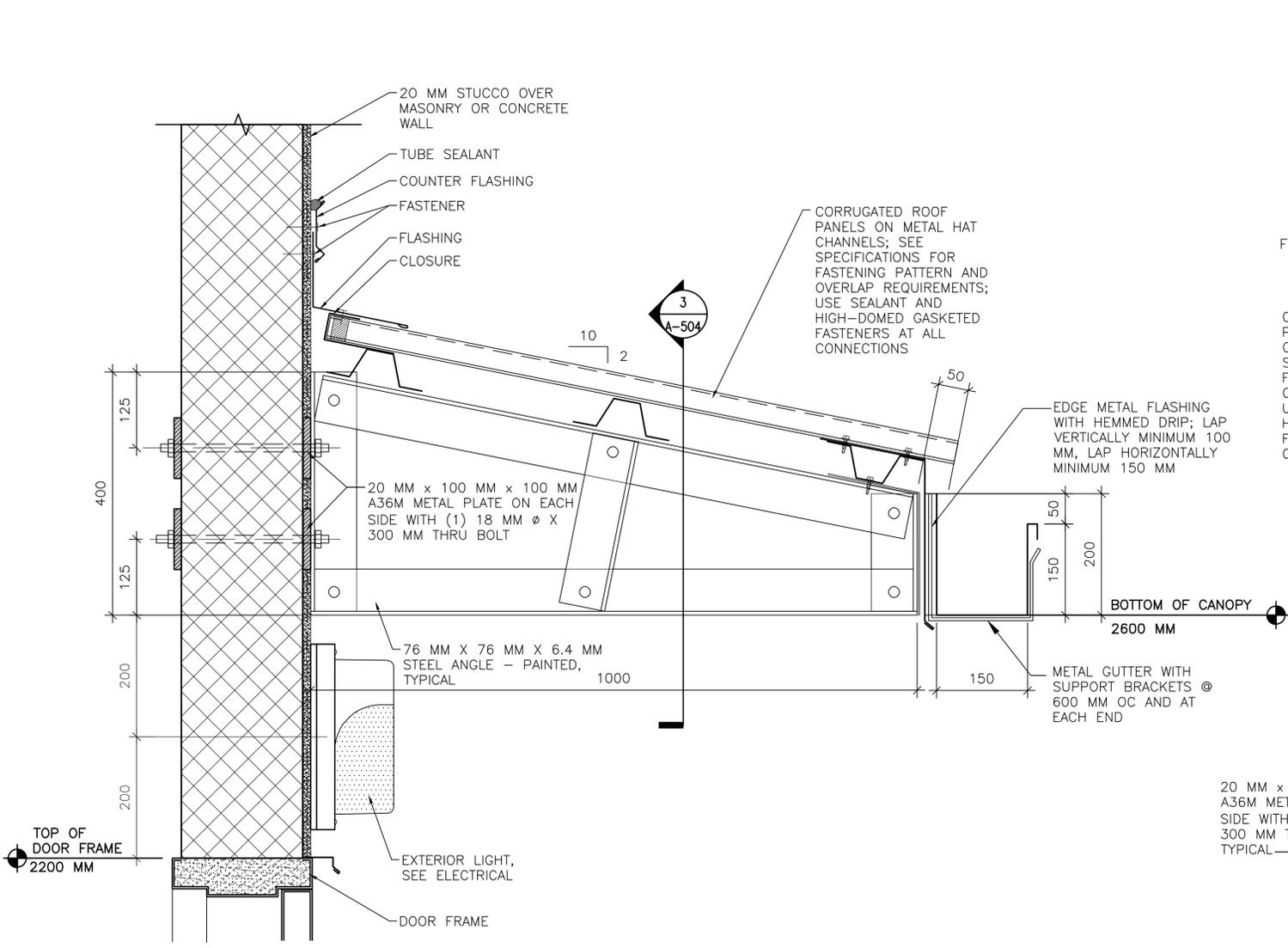
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A-504

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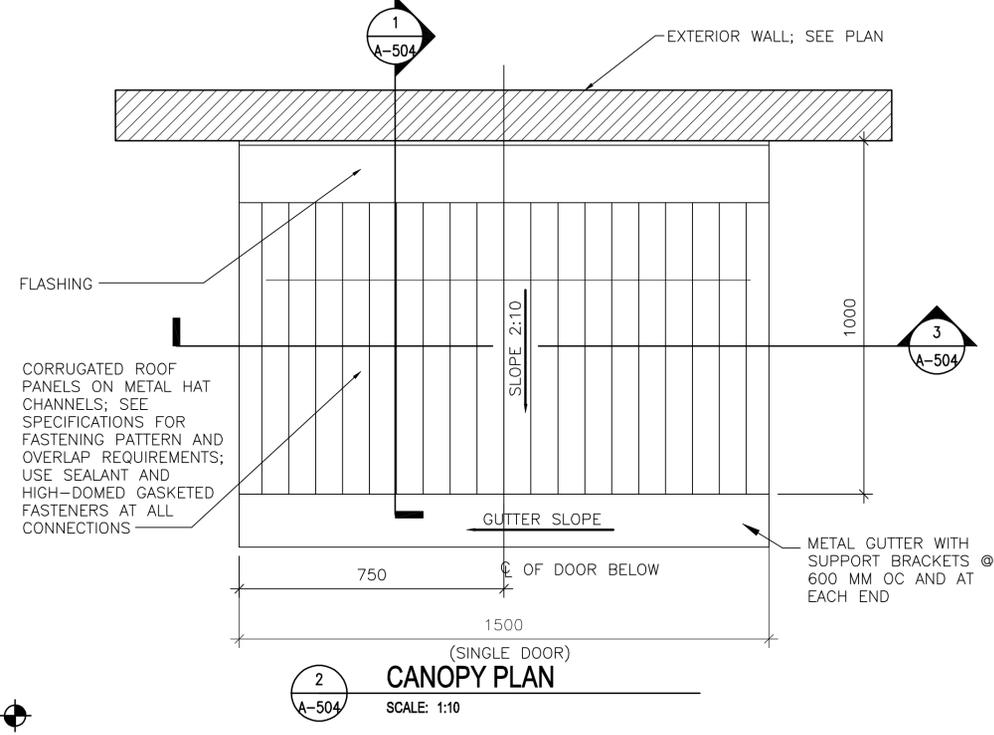
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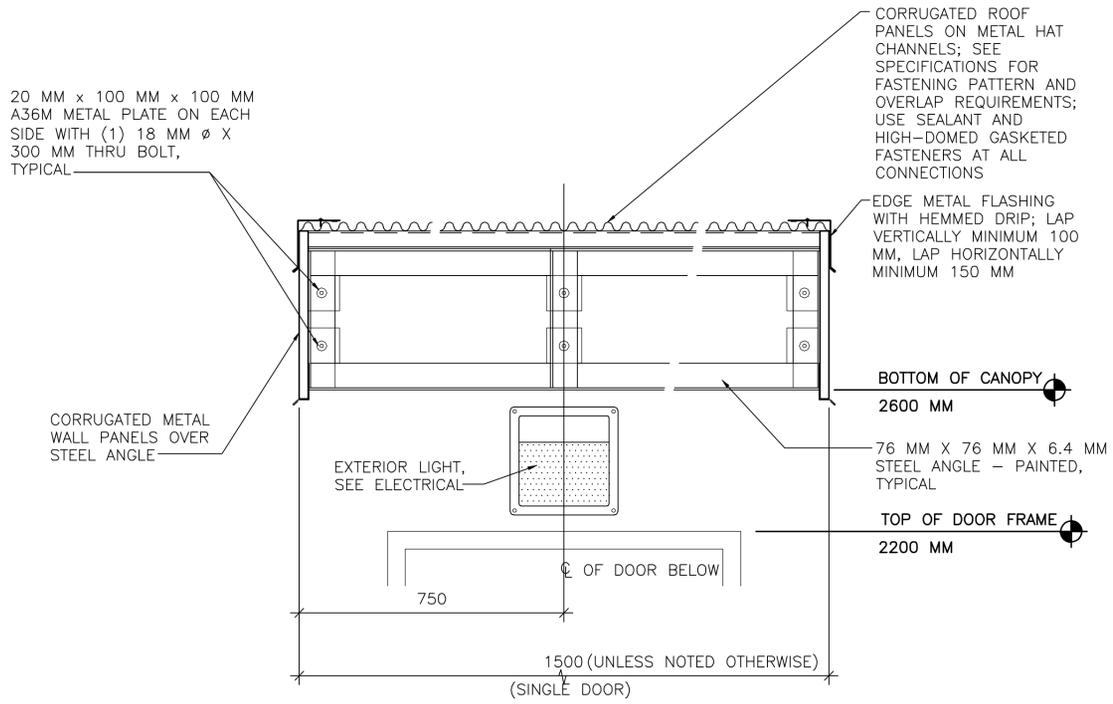
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1
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CANOPY CONNECTION DETAILS
SCALE: 1:5

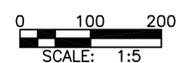


2
A-504
CANOPY PLAN
SCALE: 1:10



3
A-504
CANOPY CONNECTION DETAILS
SCALE: 1:10

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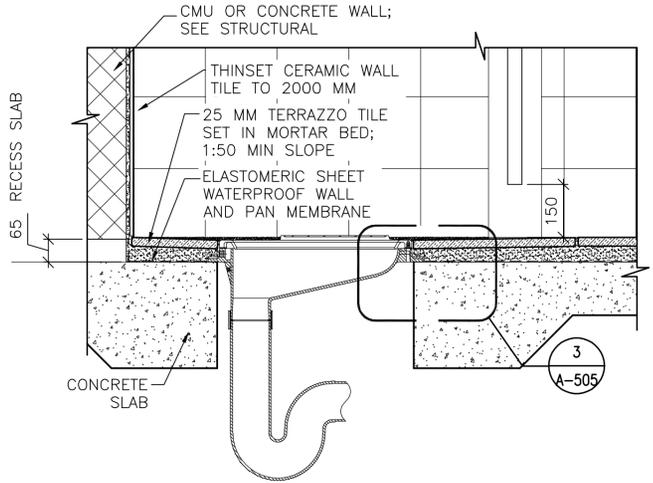
SHEET NOTES:

- SEE A-101 FOR FLOOR PLANS AND CANOPY LOCATIONS.

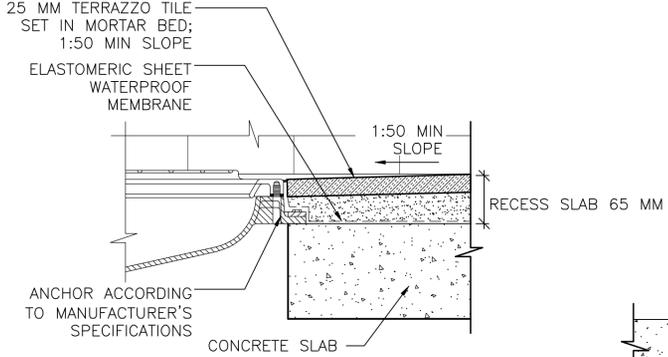
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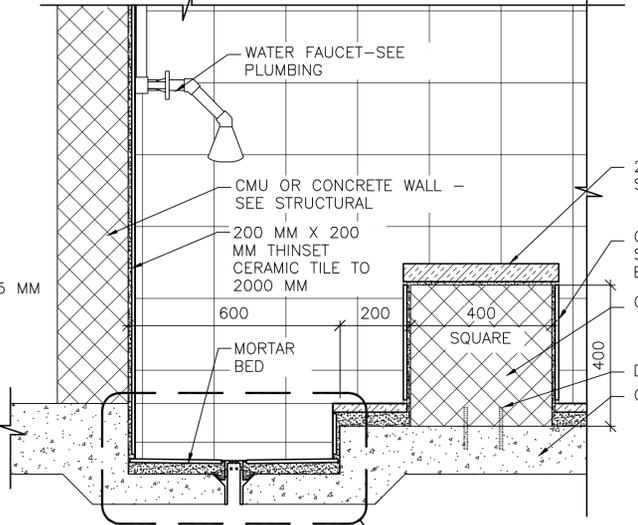
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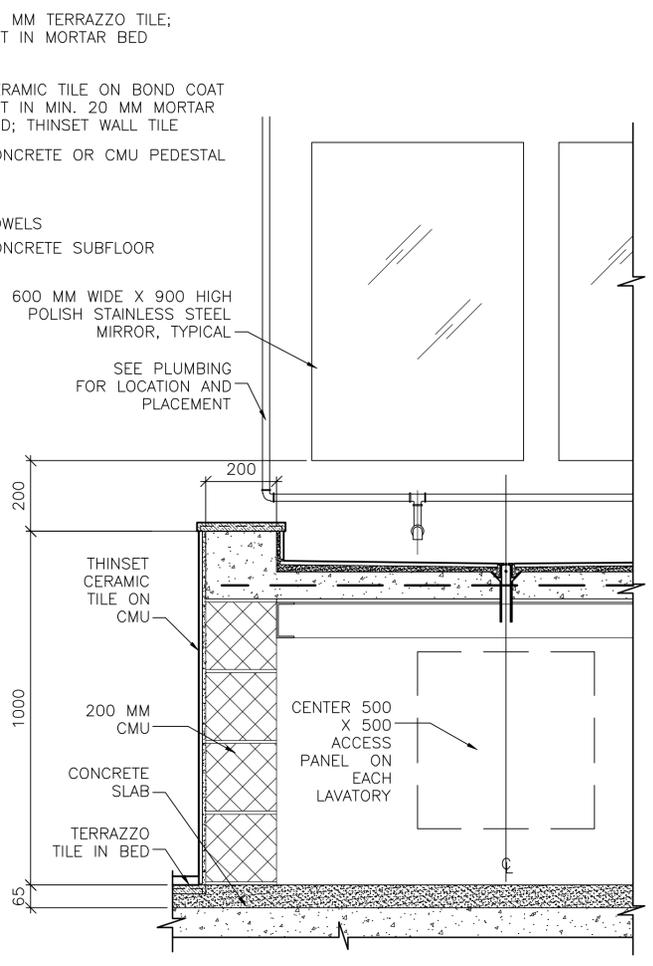
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A-505



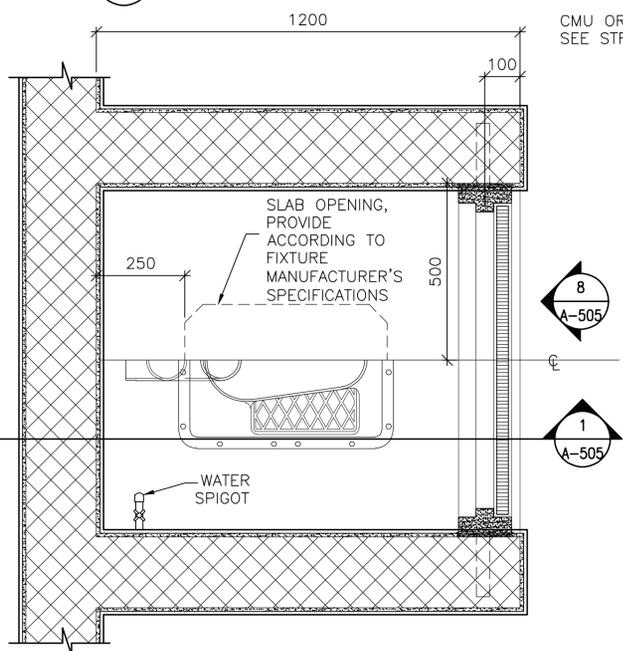
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A-505



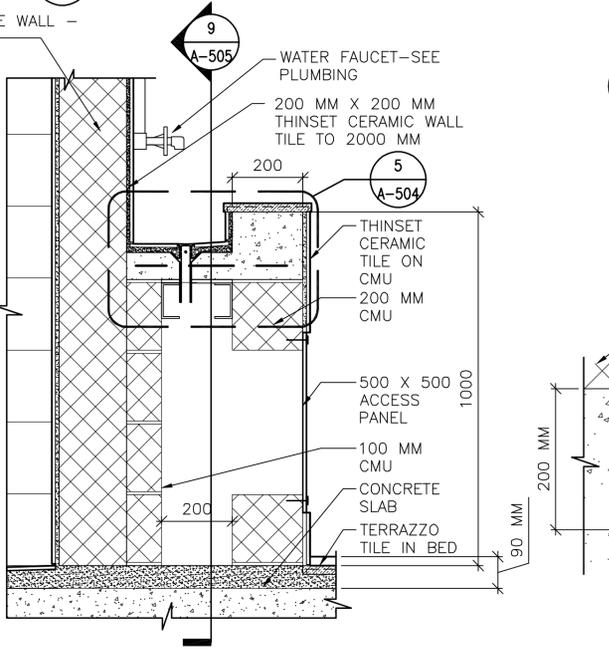
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A-505



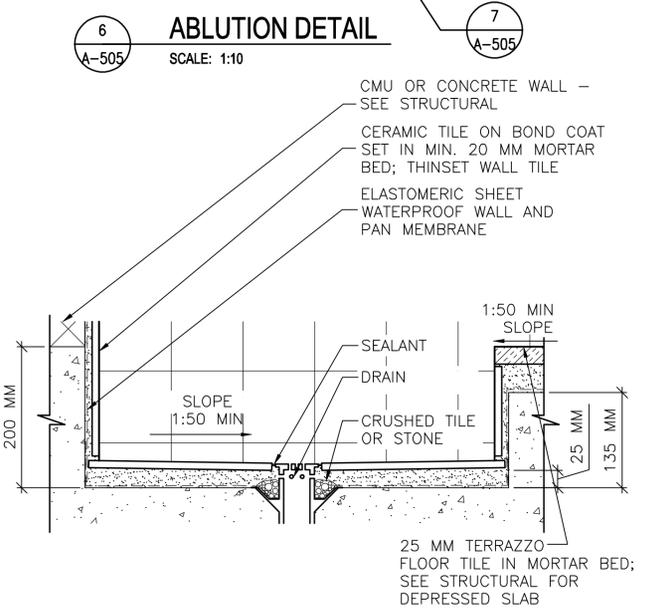
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A-505



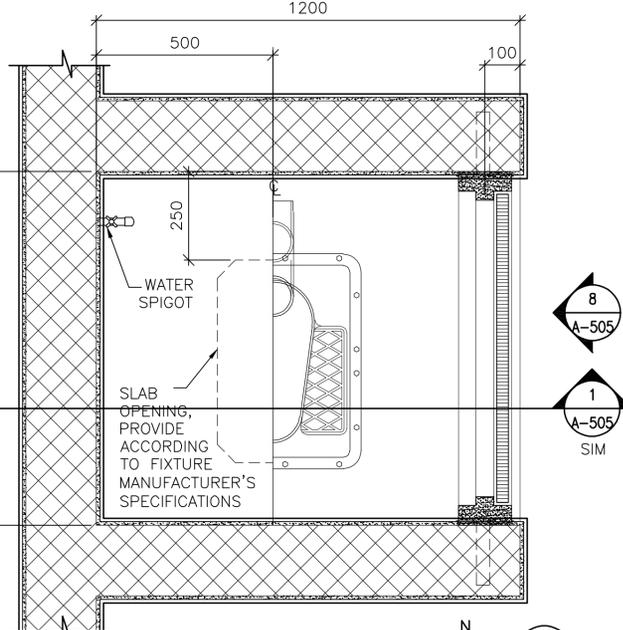
2 TOILET DETAIL
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A-505



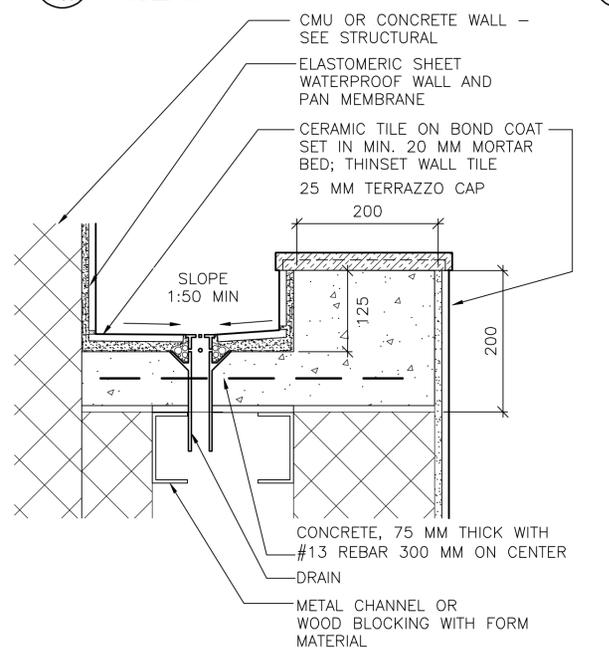
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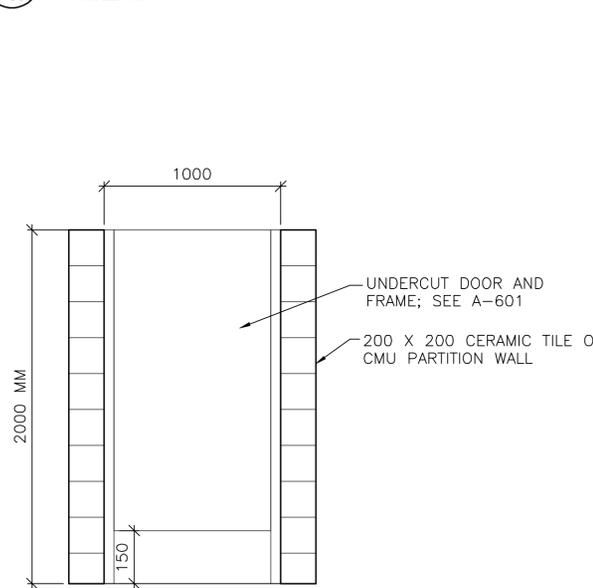
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SCALE: 1:5
A-505



2A TOILET DETAIL
SCALE: 1:10
A-505

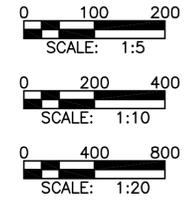


5 LAVATORY DETAIL
SCALE: 1:5
A-505



8 TOILET PARTITION DOOR ELEVATION
SCALE: 1:20
A-505

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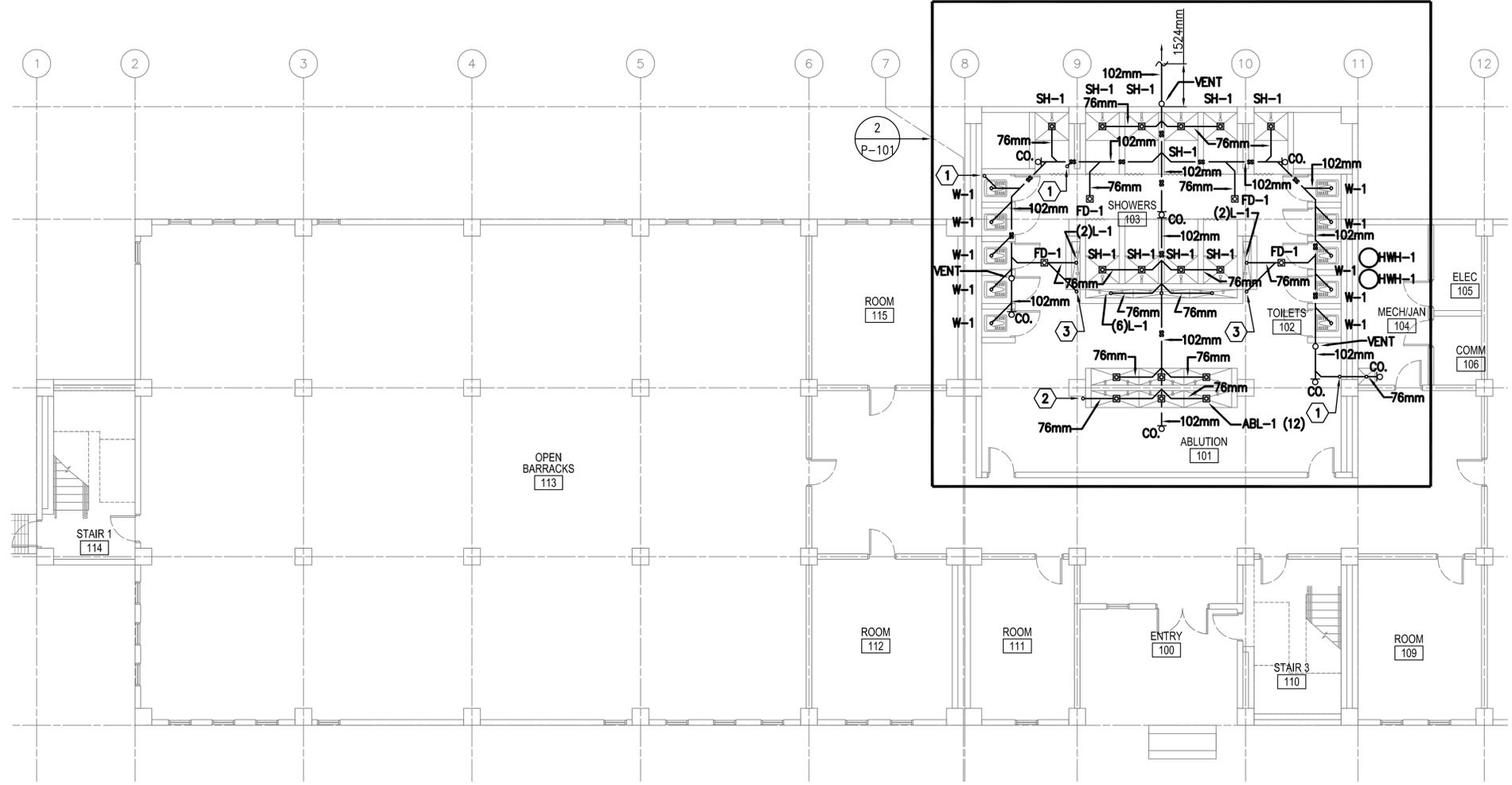
Rev.	Date	Description	Mark	Date	Appr.

Designed by: KRC
Dwn by: EBB
Crd by: NLJ
Reviewed by: LHM
Submitted by: BAKER
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File name: ANMBBA-6507
Plot date: 2/22/10
Plot scale: 1:1

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STANDARD DESIGN
ENLISTED BARRACKS
TOILET, LAVATORY & ABLUTION
DETAILS

Sheet reference number:
A-505



FLOOR PLAN NOTES:

- DO NOT SCALE DRAWINGS – ALL DIMENSIONS AND CONDITIONS SHALL BE CHECKED AND VERIFIED BY THE CONTRACTOR AT THE SITE.
- ALL WORK PERFORMED ON THIS BUILDING SHALL BE IN COMPLIANCE WITH ALL PERTINENT CODES, RULES, ORDINANCES AND REGULATIONS OF THE GOVERNING AUTHORITIES.
- ALL WORK PERFORMED UNDER AND IN CONNECTION WITH THESE DRAWINGS AND SPECIFICATIONS SHALL BE IN STRICT COMPLIANCE WITH THE LATEST SAFETY AND HEALTH STANDARDS.
- REPORT ANY DISCREPANCIES FOUND IN THE PLUMBING DRAWINGS AND/OR IN THE SPECIFICATIONS DURING THE BIDDING PROCESS FOR CLARIFICATION BY THE ENGINEER.
- ALL EASTERN STYLE WATER CLOSETS IN THIS FACILITY ARE TO HAVE THE FIXTURE DESIGNATION OF W-1. EACH FIXTURE SHALL HAVE A 25mm (1 INCH) COLD WATER LINE EXTENDED TO IT AND THEN BE REDUCED TO 13mm (1/2 INCH) FOR A FINAL CONNECTION TO THE FLUSH TANK AND A 102mm (4 INCH) SANITARY CONNECTION.
- ALL LAV FIXTURES IN THIS FACILITY ARE TO HAVE THE FIXTURE DESIGNATION OF L-1. EACH FIXTURE SHALL HAVE A 13mm (1/2 INCH) COLD WATER, 13mm (1/2 INCH) HOT WATER CONNECTION AND A 76mm (3 INCH) SANITARY CONNECTION.
- ALL ABLUTION FIXTURES IN THIS FACILITY ARE TO HAVE THE FIXTURE DESIGNATION OF ABL-1. EACH FIXTURE SHALL HAVE A 13mm (1/2 INCH) COLD WATER, 13mm (1/2 INCH) HOT WATER CONNECTION.
- ALL SHOWERS FIXTURES IN THIS FACILITY ARE TO HAVE THE FIXTURE DESIGNATION OF SH-1. EACH FIXTURE SHALL HAVE A 13mm (1/2 INCH) COLD WATER, 13mm (1/2 INCH) HOT WATER CONNECTION.
- REFER TO SHEET P501 FOR DETAILS AND SYMBOLS.
- ALL WATER, SANITARY AND VENT LINES TO BE EXPOSED. RUN LINES TIGHT TO CEILING AND WALL.
- DUE TO COMPLEXITY OF VENTING SYSTEM, VENT PIPING FOR THIS BUILDING IS LOCATED ON THE ISOMETRIC.



Rev.	Date	Description	Mark	Appr.
0	02/23/10	Design file no.		
		Drawing code:		
		File name: ANABER-101XXX		
		Plot date: 02/20/10		
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Designed by:	RMH
Drawn by:	RMH
Reviewed by:	CUM
Submitted by:	BAKER

U.S. ARMY CORPS OF ENGINEERS
 AFGHANISTAN ENGINEER DISTRICT
 APO AE 96338
 Michael Baker, Inc.
 A Unit of Michael Baker Corporation
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AFGHAN NATIONAL ARMY
 REGIONAL MILITARY TRAINING CENTER
 STANDARD DESIGN
 ENLISTED BARRACKS
 PARTIAL FIRST FLOOR PLAN - PLUMBING

Sheet reference number:
P-101

ENLISTED BARRACKS PARTIAL FIRST FLOOR PLAN - PLUMBING (SANITARY)

SCALE: 1:100

WATER KEY NOTES:

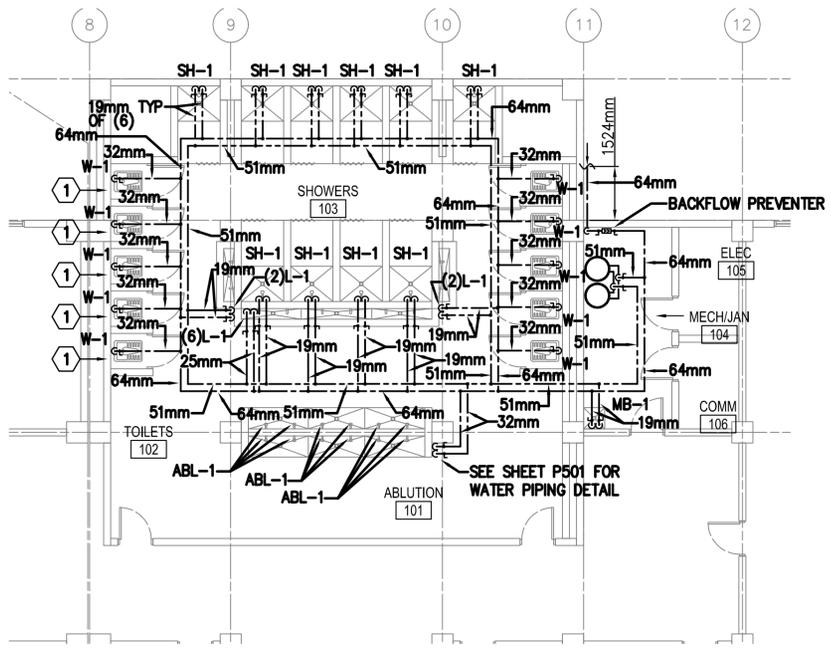
- 25mm COLD WATER LINE UP FROM 1ST FLOOR CEILING SPACE TO SERVICE EASTERN STYLE WATER CLOSET ON 2nd FLOOR.
- 13mm COLD WATER LINE & 13mm HOT WATER LINE UP FROM 1ST FLOOR CEILING SPACE TO SERVICE TROUGH ON 2nd FLOOR.
- 13mm COLD WATER LINE & 13mm HOT WATER LINE UP FROM 1ST FLOOR CEILING SPACE TO SERVICE SHOWER ON 2nd FLOOR.
- 13mm COLD WATER LINE & 13mm HOT WATER LINE UP FROM 1ST FLOOR CEILING SPACE TO SERVICE ABLUTION ON 2nd FLOOR.
- 19mm COLD WATER LINE & 19mm HOT WATER LINE UP FROM 1ST FLOOR CEILING SPACE TO SERVICE MOP BASIN ON 2nd FLOOR.

1ST FLOOR SANITARY KEY NOTES:

- 102mm SANITARY LINE DOWN FROM 1ST FLOOR CEILING SPACE, EXTEND LINE UNDER GROUND AND CONNECT TO 102mm SANITARY LINE. WITH CLEAN OUT AT BASE.
- 76mm SANITARY LINE DOWN FROM ABLUTION ON 2nd FLOOR TO 1ST FLOOR, WITH CLEAN OUT AT BASE.
- 76mm COMBINATION WASTE AND VENT LINE DOWN FROM TROUGH ON 2nd FLOOR TO 1ST FLOOR, WITH CLEAN OUT AT BASE, AND VENT DRAIN LINE FROM TROUGH ON 1ST FLOOR TO SANITARY LINE UNDER FLOOR.

PLUMBING SYMBOLS

- SANITARY SEWER PIPING (BELOW GROUND)
- SANITARY SEWER PIPING (ABOVE GROUND)
- VENT PIPING (V)
- COLD WATER PIPING (CW)
- HOT WATER PIPING (HW)
- BALL VALVE
- BACKFLOW PREVENTER
- CLEANOUT (CO.)
- ROOF PENETRATION



ENLISTED BARRACKS PARTIAL FIRST FLOOR PLAN - PLUMBING (HOT AND COLD WATER)

SCALE: 1:100

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



APPROVED:

A/E DESIGNER OF RECORD

SEAL:



US ARMY CORPS OF ENGINEERS
AFGHANISTAN ENGINEER DISTRICT

Rev.	Date	Description
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Designed by:	RMH	Checked by:	RMH
Dwn by:	RMH	Reviewed by:	BAKER
Date:	02/23/10	Drawing code:	ANANR-102000
Design file no.:		Plot date:	02/23/10
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AFGHAN NATIONAL ARMY
REGIONAL MILITARY TRAINING CENTER
STANDARD DESIGN
ENLISTED BARRACKS
PARTIAL SECOND FLOOR PLAN - PLUMB.

Sheet reference number:
P-102

FLOOR PLAN NOTES:

- DO NOT SCALE DRAWINGS - ALL DIMENSIONS AND CONDITIONS SHALL BE CHECKED AND VERIFIED BY THE CONTRACTOR AT THE SITE.
- ALL WORK PERFORMED ON THIS BUILDING SHALL BE IN COMPLIANCE WITH ALL PERTINENT CODES, RULES, ORDINANCES AND REGULATIONS OF THE GOVERNING AUTHORITIES.
- ALL WORK PERFORMED UNDER AND IN CONNECTION WITH THESE DRAWINGS AND SPECIFICATIONS SHALL BE IN STRICT COMPLIANCE WITH THE LATEST SAFETY AND HEALTH STANDARDS.
- REPORT ANY DISCREPANCIES FOUND IN THE PLUMBING DRAWINGS AND/OR IN THE SPECIFICATIONS DURING THE BIDDING PROCESS FOR CLARIFICATION BY THE ENGINEER.
- ALL EASTERN STYLE WATER CLOSETS IN THIS FACILITY ARE TO HAVE THE FIXTURE DESIGNATION OF W-1. EACH FIXTURE SHALL HAVE A 25mm (1 INCH) COLD WATER LINE EXTENDED TO IT AND THEN BE REDUCED TO 13mm (1/2 INCH) FOR A FINAL CONNECTION TO THE FLUSH TANK AND A 102mm (4) INCH SANITARY CONNECTION.
- ALL LAV FIXTURES IN THIS FACILITY ARE TO HAVE THE FIXTURE DESIGNATION OF L-1. EACH FIXTURE SHALL HAVE A 13mm (1/2 INCH) COLD WATER, 13mm (1/2 INCH) HOT WATER CONNECTION AND A 76mm (3 INCH) SANITARY CONNECTION.
- ALL SHOWER FIXTURES IN THIS FACILITY ARE TO HAVE THE FIXTURE DESIGNATION OF SH-1. EACH FIXTURE SHALL HAVE A 13mm (1/2 INCH) COLD WATER, 13mm (1/2 INCH) HOT WATER CONNECTION.
- REFER TO SHEET P501, P502, AND P503 FOR DETAILS AND SYMBOLS.
- ALL WATER, SANITARY AND VENT LINES TO BE EXPOSED. RUN LINES TIGHT TO CEILING AND WALL.
- REFER TO SHEET P101 FOR ALL SANITARY AND WATER PIPING ASSOCIATED WITH THIS FLOOR.
- DUE TO COMPLEXITY OF VENTING SYSTEM, VENT PIPING FOR THIS BUILDING IS LOCATED ON THE ISOMETRIC.
- CONTRACTOR TO INSTALL A CLEAN-OUT AT THE BASE OF EACH VERTICAL SANITARY STACK.

1ST FLOOR CEILING SANITARY KEY NOTES:

- 102mm SANITARY LINE DOWN FROM EASTERN STYLE WATER CLOSET ON 2nd FLOOR TO 1ST FLOOR CEILING SPACE.
- 76mm SANITARY LINE DOWN FROM TROUGH ON 2nd FLOOR TO 1ST FLOOR CEILING SPACE.
- 76mm SANITARY LINE DOWN FROM SHOWER ON 2nd FLOOR TO 1ST FLOOR CEILING SPACE.
- 76mm SANITARY LINE DOWN FROM ABLUTION FLOOR DRAIN ON 2nd FLOOR TO 1ST FLOOR CEILING SPACE.
- 76mm SANITARY LINE DOWN FROM MOP BASIN ON 2nd FLOOR TO 1ST FLOOR CEILING SPACE.
- 102mm SANITARY STACK DOWN FROM 1ST FLOOR CEILING SPACE TO UNDER GROUND.
- 76mm SANITARY STACK DOWN FROM 1ST FLOOR CEILING SPACE TO UNDER GROUND.
- 102mm VENT LINE UP TO 2ND FLOOR.
- 76mm SANITARY LINE DOWN FROM FLOOR DRAIN ON 2ND FLOOR.
- 76mm COMBINATION WASTE AND VENT LINE DOWN FROM TROUGH ON 2ND FLOOR.

2ND FLOOR SANITARY KEY NOTES:

- 102mm SANITARY LINE DOWN FROM EASTERN STYLE WATER CLOSET ON 2nd FLOOR TO 1ST FLOOR CEILING SPACE.
- 76mm SANITARY LINE DOWN FROM TROUGH ON 2nd FLOOR TO 1ST FLOOR CEILING SPACE.
- 76mm SANITARY LINE DOWN FROM SHOWER ON 2nd FLOOR TO 1ST FLOOR CEILING SPACE.
- 76mm SANITARY LINE DOWN FROM ABLUTION FLOOR DRAIN ON 2nd FLOOR TO 1ST FLOOR CEILING SPACE.
- 76mm SANITARY LINE DOWN FROM MOP BASIN ON 2nd FLOOR TO 1ST FLOOR CEILING SPACE.
- 102mm VENT UP THRU ROOF, OFFSET VERTICAL VENT THROUGH ROOF TO AVOID ARCHITECTURAL RIDGE VENT.

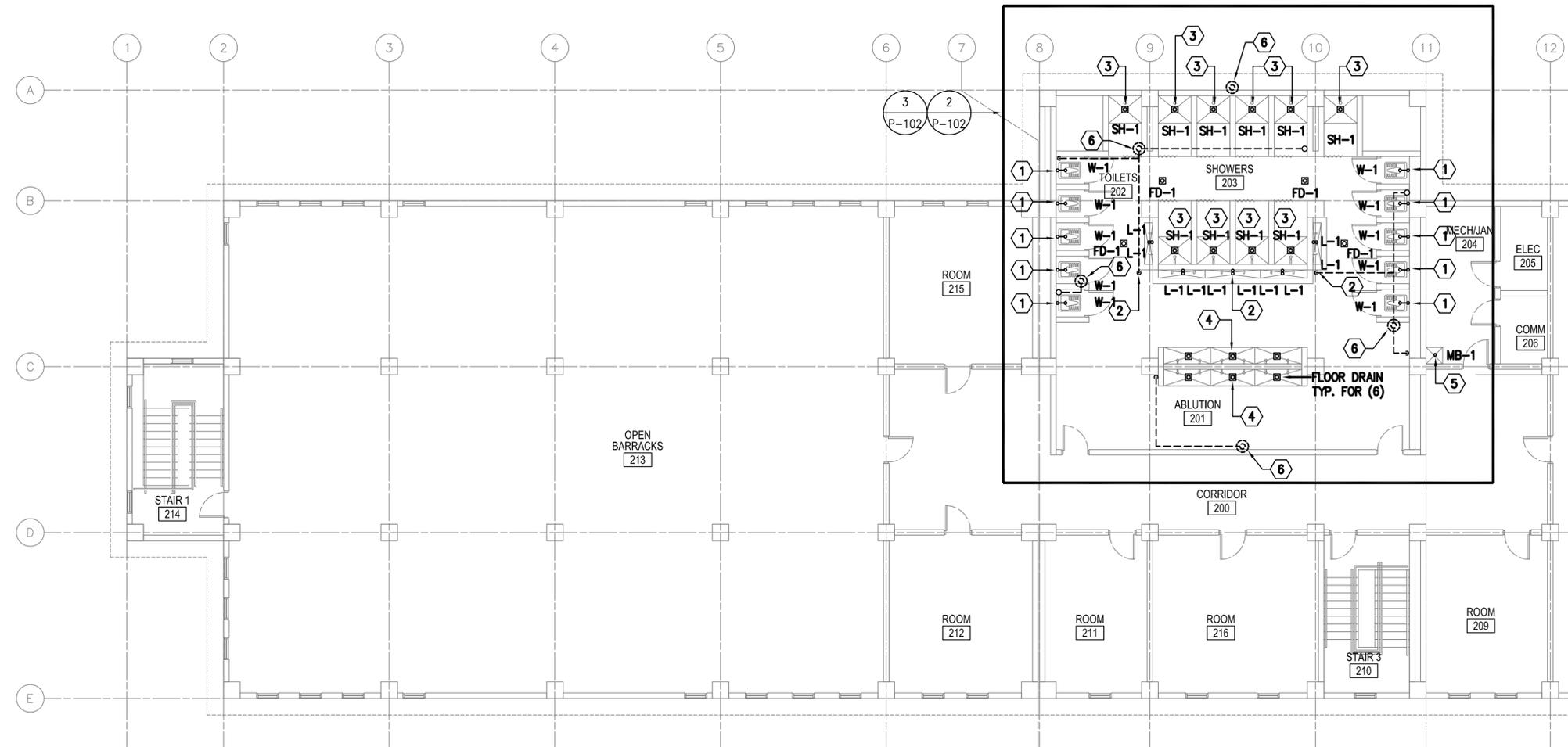
WATER KEY NOTES:

- 25mm COLD WATER LINE UP FROM 1ST FLOOR CEILING SPACE TO SERVICE EASTERN STYLE WATER CLOSET ON 2nd FLOOR.
- 13mm COLD WATER LINE & 13mm HOT WATER LINE UP FROM 1ST FLOOR CEILING SPACE TO SERVICE TROUGH ON 2nd FLOOR.
- 13mm COLD WATER LINE & 13mm HOT WATER LINE UP FROM 1ST FLOOR CEILING SPACE TO SERVICE SHOWER ON 2nd FLOOR.
- 13mm COLD WATER LINE & 13mm HOT WATER LINE UP FROM 1ST FLOOR CEILING SPACE TO SERVICE ABLUTION ON 2nd FLOOR.
- 19mm COLD WATER LINE & 19mm HOT WATER LINE UP FROM 1ST FLOOR CEILING SPACE TO SERVICE MOP BASIN ON 2nd FLOOR.

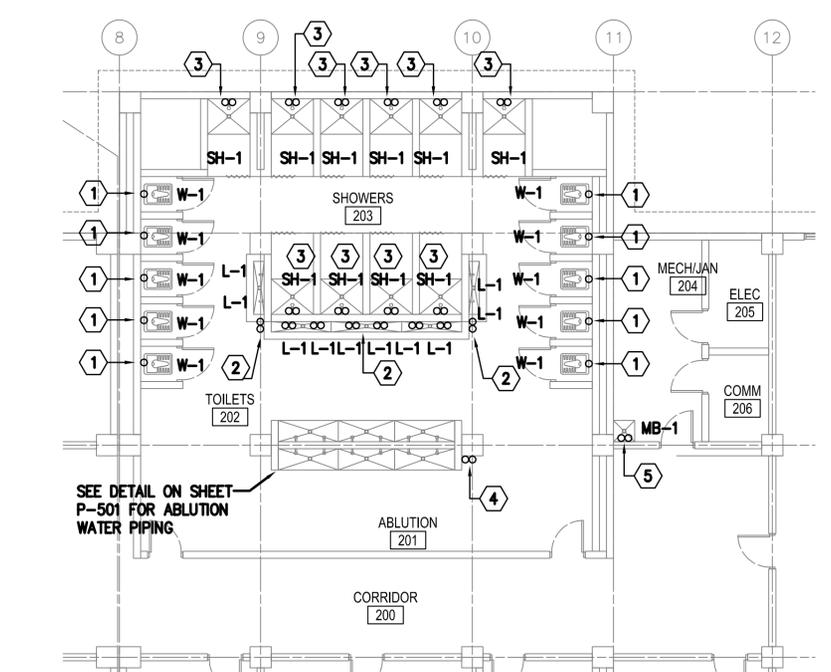
PLUMBING SYMBOLS

- SANITARY SEWER PIPING (BELOW GROUND)
- SANITARY SEWER PIPING (ABOVE GROUND)
- VENT PIPING (V)
- COLD WATER PIPING (CW)
- HOT WATER PIPING (HW)
- BALL VALVE
- BACKFLOW PREVENTER
- CLEANOUT (CO.)
- ROOF PENETRATION

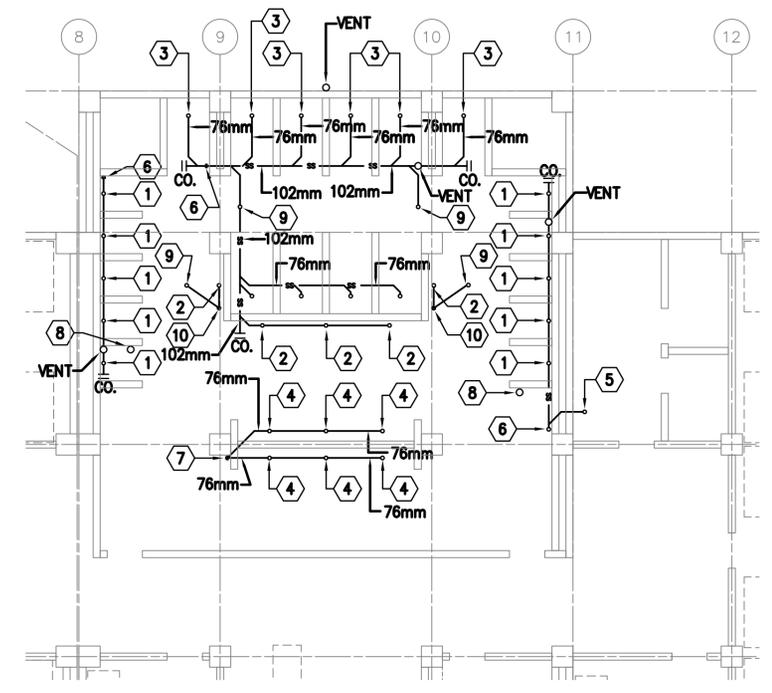
LINEAR DIMENSIONS SHOWN ARE IN MILLIMETERS (MM), UNLESS OTHERWISE NOTED



ENLISTED BARRACKS PARTIAL SECOND FLOOR PLAN - PLUMBING (SANITARY)
SCALE: 1:100



ENLISTED BARRACKS PARTIAL SECOND FLOOR PLAN - PLUMBING (HOT AND COLD WATER)
SCALE: 1:100



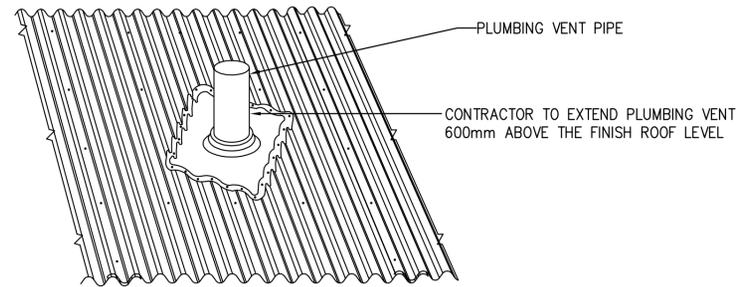
ENLISTED BARRACKS PARTIAL FIRST FLOOR CEILING PLAN - PLUMBING (SANITARY)
SCALE: 1:100

FIXTURE LIST

TYPE	ITEM	SOIL & WASTE	VENT	COLD WATER	HOT WATER	REMARKS	REMARKS 2
W-1	EASTERN STYLE WATER CLOSET	102mm	51mm	13mm	-----	FLUSH TANK	LOW FLOW EFFICIENT TYPE
L-1	TROUGH FIXTURE	38mm	38mm	13mm	13mm	FABRICATED IN FIELD	LOW FLOW EFFICIENT TYPE
ABL-1	ABLUTION	FLOOR DRAIN	-----	13mm	13mm	FABRICATED IN FIELD	-----
HWH-1	WATER HEATER	---	---	SEE DWG.	SEE DWG.	151 LITER ELECTRIC WATER HEATER, 380/3ø, 9KW	-----
SH-1	SHOWER	76mm	---	13mm	13mm	DRAIN AND SHOWER CONTROLS	-----

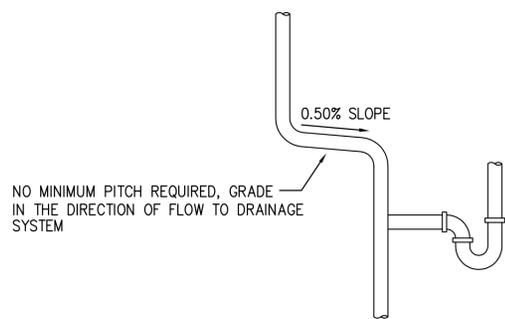
GENERAL PLUMBING NOTES:

- ALL SANITARY PIPING SHALL BE BELOW FLOOR, AND ALL WATER, AND VENT PIPING SHALL BE TIGHT TO CEILING, UNLESS OTHERWISE NOTED.
- PLUMBING CONTRACTOR SHALL COORDINATE PLUMBING WORK WITH THE WORK OF ALL OTHER TRADES. VERIFY THE LOCATIONS OF ALL UTILITIES AT THE SITE PRIOR TO THE START OF ANY PLUMBING WORK.
- ALL SANITARY PIPING BELOW SLAB SHALL BE A MINIMUM OF 51mm, UNLESS OTHERWISE NOTED OR AS REQUIRED BY THE LOCAL AUTHORITY HAVING JURISDICTION.
- ALL SANITARY BRANCH LINES SHALL BE SLOPED AT 6mm PER 305mm, AND ALL MAIN LINES SHALL BE SLOPED AT 3mm PER 305mm, UNLESS OTHERWISE NOTED OR AS REQUIRED BY THE LOCAL AUTHORITY HAVING JURISDICTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION WITH ALL UTILITY AUTHORITIES FOR INSTALLATION REQUIREMENTS, REGULATIONS, FEES, PERMITS, AND APPROVALS BEFORE THE START OF CONSTRUCTION.
- THE CONTRACTOR SHALL ROUGH-IN AND CONNECT ALL EQUIPMENT REQUIRING WATER, WASTE, AND/OR VENT WHETHER OR NOT FURNISHED UNDER THIS CONTRACT. THE CONTRACTOR SHALL ALSO FURNISH AND INSTALL ALL NECESSARY PIPE, FITTINGS, VALVES, TRAPS, ETC., REQUIRED FOR A COMPLETE INSTALLATION, LEAVING SAME READY FOR SERVICE.



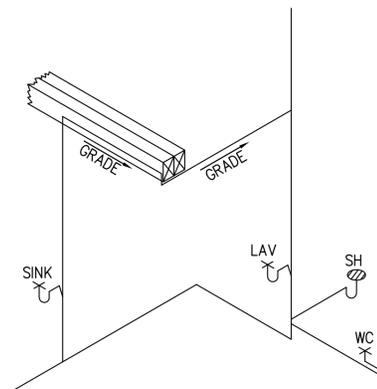
PLUMBING VENT THRU ROOF DETAIL

SCALE: NTS



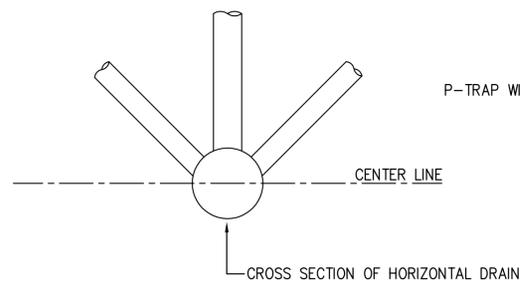
TYPICAL VENT GRADE DETAILS

SCALE: N.T.S.



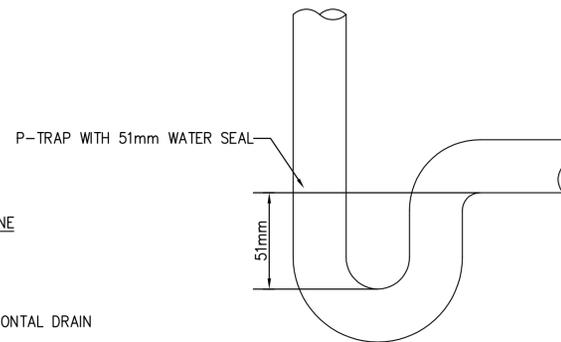
TYPICAL VENT GRADE DETAILS

SCALE: N.T.S.



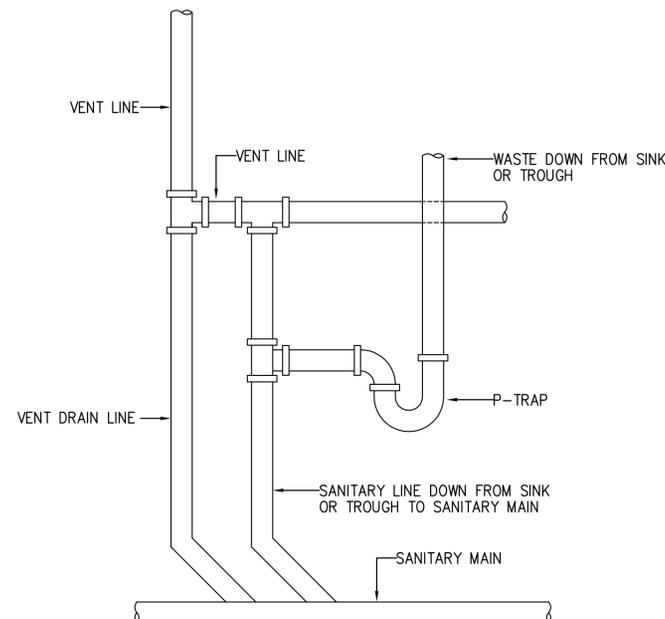
ACCEPTABLE VENT CONNECTIONS TO HORIZONTAL DRAIN - DETAIL

SCALE: N.T.S.



P-TRAP WITH 51mm WATER SEAL DETAIL

SCALE: N.T.S.



TYPICAL LAVATORY/LAUNDRY VENT DETAIL

SCALE: N.T.S.



U.S. ARMY CORPS OF ENGINEERS
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Rev.	Date	Description	Mark	Appr.
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Submitted by: MRS	File name: ANANBRP-502XXX	Drawing code:	Plot date: 02/23/10
	Plot scale: 1:100		

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ENLISTED BARRACKS
PLUMBING DETAILS

APPROVED:

A/E DESIGNER OF RECORD

SEAL:

Matthew R. Sotosky

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