

1 FOUNDATION/SLAB PLAN
S-801 SCALE: 1:50

FOUNDATION/SLAB PLAN NOTES:

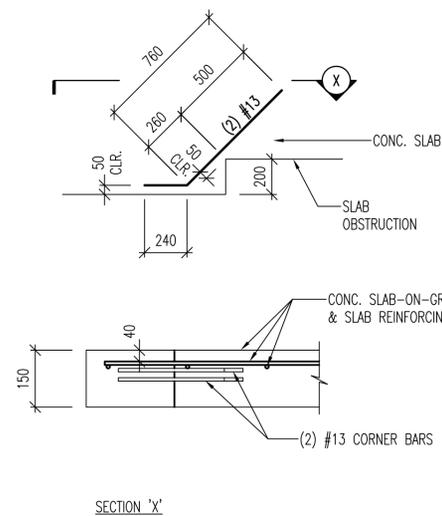
1. SLAB-ON-GRADE REINFORCING ARE LOCATED 40mm FROM T/SLAB & B/SLAB, 50mm FROM EDGES & AND CONTROL JOINT. LENGTH NOTED AS THUS (6600). REFER TO DETAIL 5/S-801.
2. COLUMN FOOTINGS INDICATED BY WF# ON PLAN, REFER TO WALL FOOTING PLAN ON THIS SHEET.

FOUNDATION/SLAB PLAN KEY NOTES: (X)

1. REINF. CONC. SLAB-ON-GRADE.
2. (2)-#13 RE-ENTRANT CORNER BARS (SEE DETAIL 4/S-801)

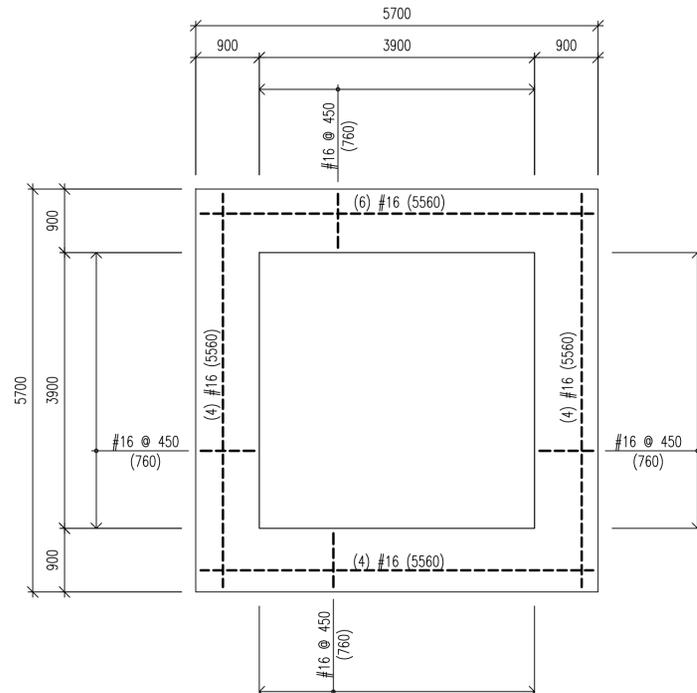
FOUNDATION/SLAB PLAN LEGEND:

- REINF CONC SHEAR WALL (SEE DETAIL 1/S-801)
- SLAB REINFORCING TOP BARS
- THICKENED SLAB REINFORCING BENEATH CMU WALLS
- #13 x 540 @ 450 - SHORT DIRECTION
- #13 x (LENGTH OF WALL) - LONG DIRECTION (SEE 2/S-501 & 5/S501)



4 RE-ENTRANT CORNER BAR DETAIL
S-801 SCALE: 1:20

5 TYPICAL SLAB REBAR CLEARANCES
S-801 SCALE: 1:20



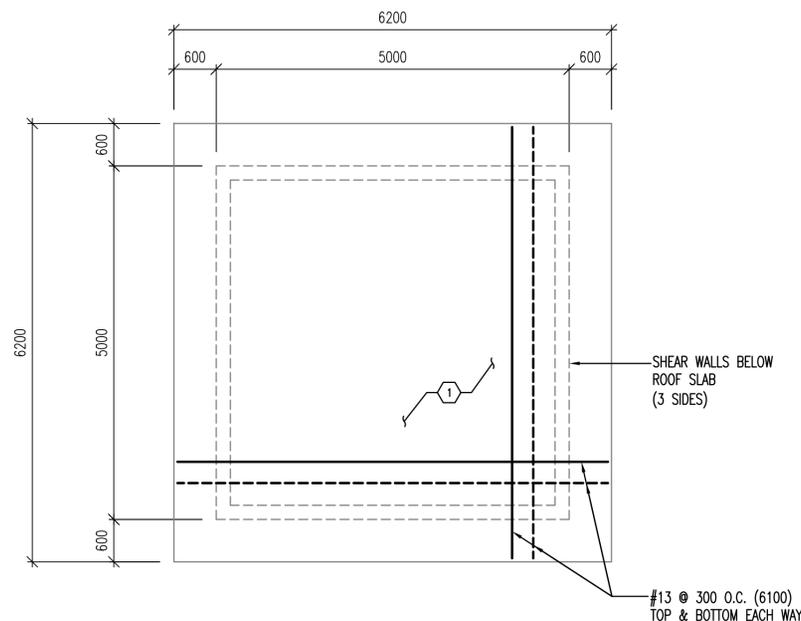
2 WALL FOOTING PLAN
S-801 SCALE: 1:50

WALL FOOTING PLAN NOTES:

1. FOOTING REINFORCING ARE LOCATED 70mm FROM BOTTOM OF FOOTING & 70mm FROM ALL EDGES

WALL FOOTING PLAN LEGEND:

--- SLAB REINFORCING BOTTOM BARS



3 ROOF FRAMING PLAN
S-801 SCALE: 1:50

ROOF FRAMING PLAN NOTES:

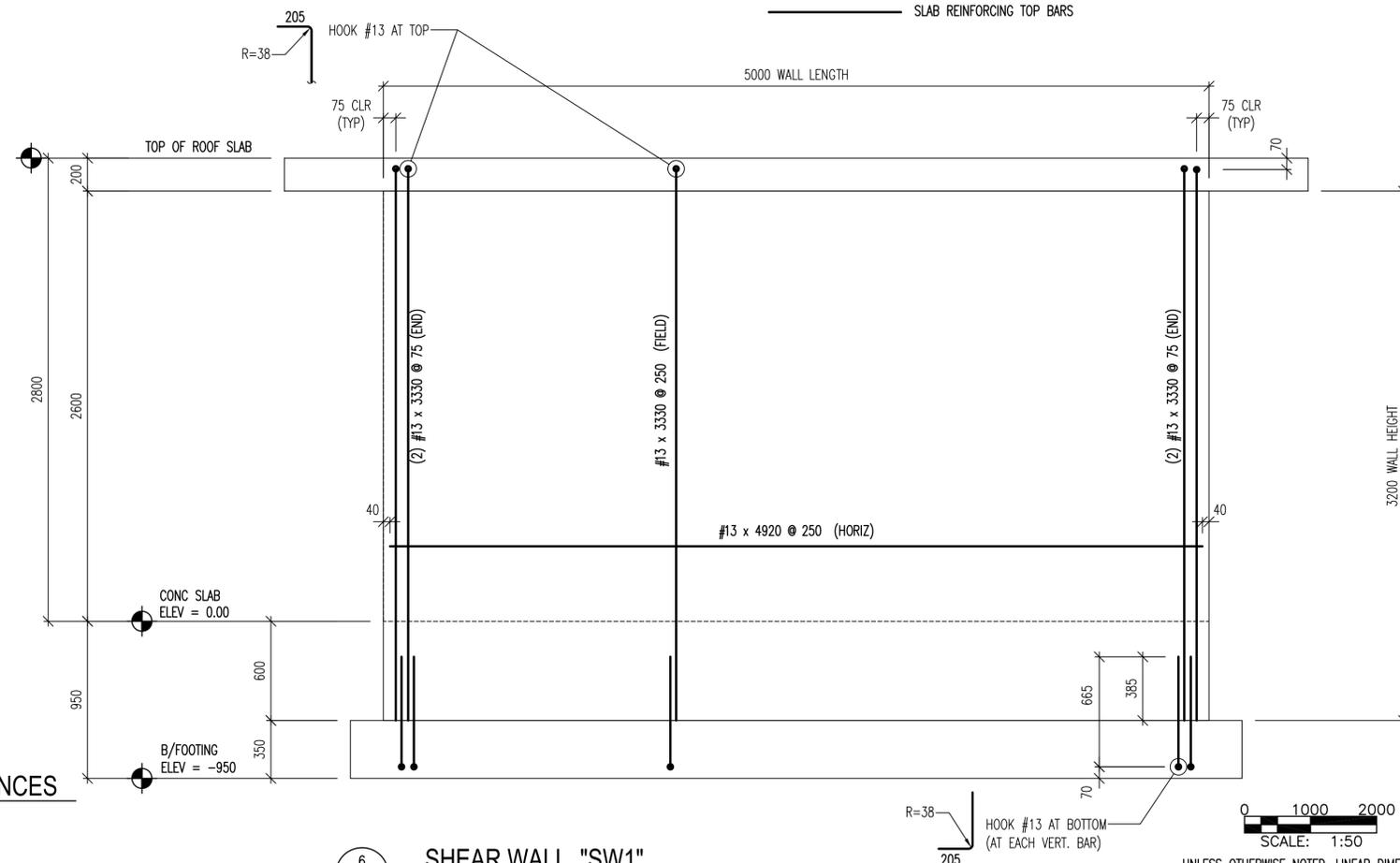
1. ROOF SLAB REINFORCING BAR LENGTH IS NOTED THUS (6600).
2. SLAB REBAR COVER AT T&B IS 20mm, 50mm AT EDGES. REFER TO DETAIL 5/S-801.

ROOF FRAMING PLAN KEY NOTES: (X)

1. CONC ROOF SLAB.

ROOF FRAMING PLAN LEGEND:

- SLAB REINFORCING BOTTOM BARS
- SLAB REINFORCING TOP BARS



6 SHEAR WALL "SW1"
S-801 SCALE: 1:20

UNLESS OTHERWISE NOTED, LINEAR DIMENSIONS SHOWN ON DRAWINGS ARE IN MILLIMETERS (mm)



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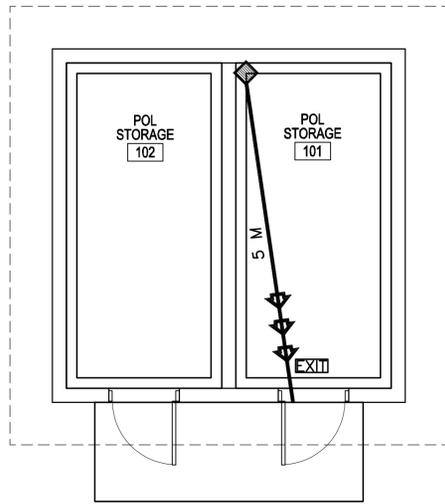
Designed by: KMP/MMY	Checked by: SCL	Drawn by: JLM	Reviewed by: RTD	Submitted by: BAKER
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POL STORAGE

REBAR PLACEMENT DRAWINGS
PLANS & DETAILS

Sheet reference number:
S-801



1 LIFE SAFETY PLAN
A-001 SCALE: 1:50

CODE ANALYSIS:

- REFERENCES:**
2006 INTERNATIONAL BUILDING CODE (2006 IBC)
2006 LIFE SAFETY CODE (2006 NFPA 101)
- IBC OCCUPANCY CLASSIFICATION:**
GROUP H-3
(STORAGE, HIGH HAZARD NFPA 101 6.1.13 & 6.2.2 AND CHAPTER 42)
- TYPE OF CONSTRUCTION (IBC):** TYPE II-B (UNPROTECTED/NONSPRINKLERED)
- IBC TABLE 503: ALLOWABLE HEIGHT AND BUILDING AREAS:**
GROUP H-3
ALLOWABLE AREA: 1300 SM
ALLOWABLE HEIGHT: 2 STORIES (16 M)
GROUP H-3
PROPOSED AREA: 25 SM
PROPOSED HEIGHT: 1 STORY (<16 M)

- IBC TABLE 601 & 602: FIRE RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS FOR TYPE II-B**

BUILDING ELEMENT	RATING (HOUR)	REFERENCE
STRUCTURAL FRAME (COLUMNS, GIRDERS & TRUSSES)	0	TABLE 601
BEARING WALLS EXTERIOR	0	TABLE 601
BEARING WALLS INTERIOR	0	TABLE 601
NONBEARING WALLS & PARTITIONS INTERIOR	0	TABLE 601
FLOOR CONSTRUCTION	0	TABLE 601
ROOF CONSTRUCTION	0	TABLE 601
EXTERIOR WALL	0	TABLE 602

- IBC TABLE 803.5 - INTERIOR WALL AND CEILING FINISH REQUIREMENTS FOR H-3 OCCUPANCY/NONSPRINKLERED**

GROUP	EXIT ENCLOSURES AND EXIT PASSAGEWAY	CORRIDORS	ROOMS AND ENCLOSED SPACES
H	A	A	B

- NFPA 101 TABLE 7.3.1.2 - OCCUPANT LOAD**
STORAGE = N/A
NFPA 101 42.1.7: USE THE PROBABLE POPULATION: 1
- NFPA 101 TABLE 7.3.3.1 - EGRESS CAPACITY**
STORAGE = 5 MM PER OCCUPANT
REQUIRED: 5 MM (1 OCCUPANTS x 5 MM PER OCCUPANT)
PROPOSED EGRESS CAPACITY: 900 MM: (1) 900 MM DOORS
- NFPA 101 PARAGRAPH 42.2.6 AND TABLE 42.2.6 - EXIT ACCESS TRAVEL DISTANCE**
REQUIRED: 61 METERS
PROPOSED: 5 METERS
- NFPA 101 PARAGRAPH 42.3.6 - CORRIDORS**
CORRIDORS ARE NOT REQUIRED AS DOORS EXIT DIRECTLY TO OUTSIDE
- NFPA 101 PARAGRAPH 42.2.4.1(2) AND 7.4.1.1 - MINIMUM NUMBER OF EXITS**
REQUIRED: 1 MINIMUM
PROPOSED: 1 EXIT
- NFPA 101 PARAGRAPH 42.3.2 - PROTECTION FROM HAZARDS**
NO REQUIREMENTS

LEGEND:

- ▶▶▶ DENOTES PATHS OF EXIT TRAVEL
- EXIT DENOTES DOOR AS AN EMERGENCY EXIT
- ◆ DENOTES STARTING POINT FOR TRAVEL DISTANCE
- ☺ DENOTES FIRE EXTINGUISHER LOCATIONS

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



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LIFE SAFETY PLAN

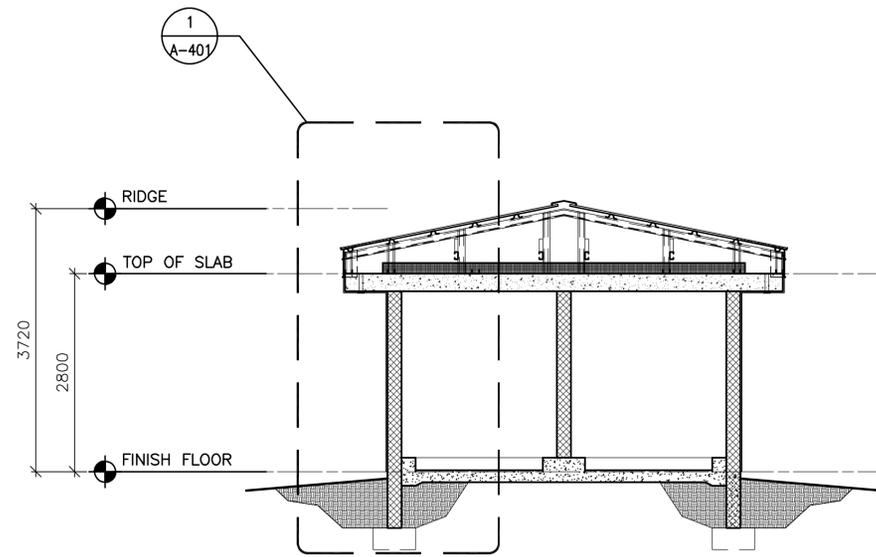
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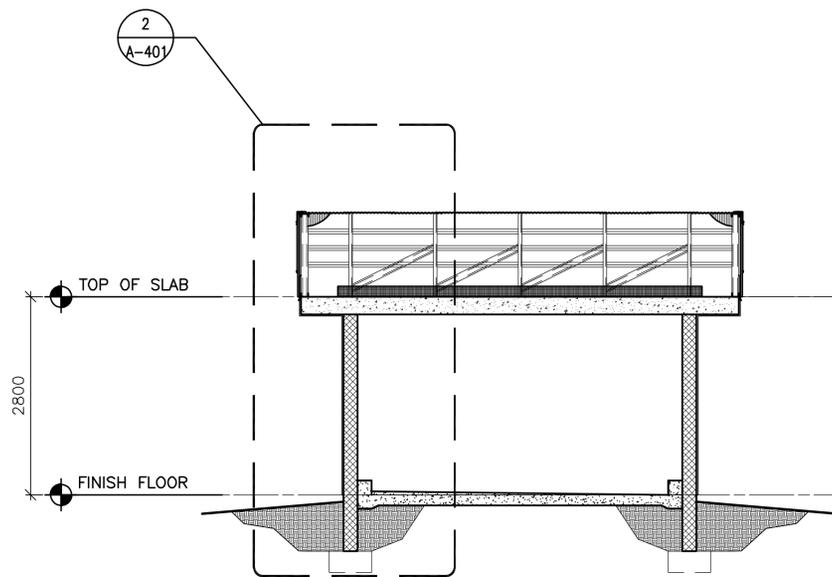
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B

A

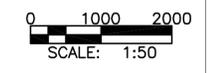


1
A-301 **BUILDING SECTION**
SCALE: 1:50



2
A-301 **BUILDING SECTION**
SCALE: 1:50

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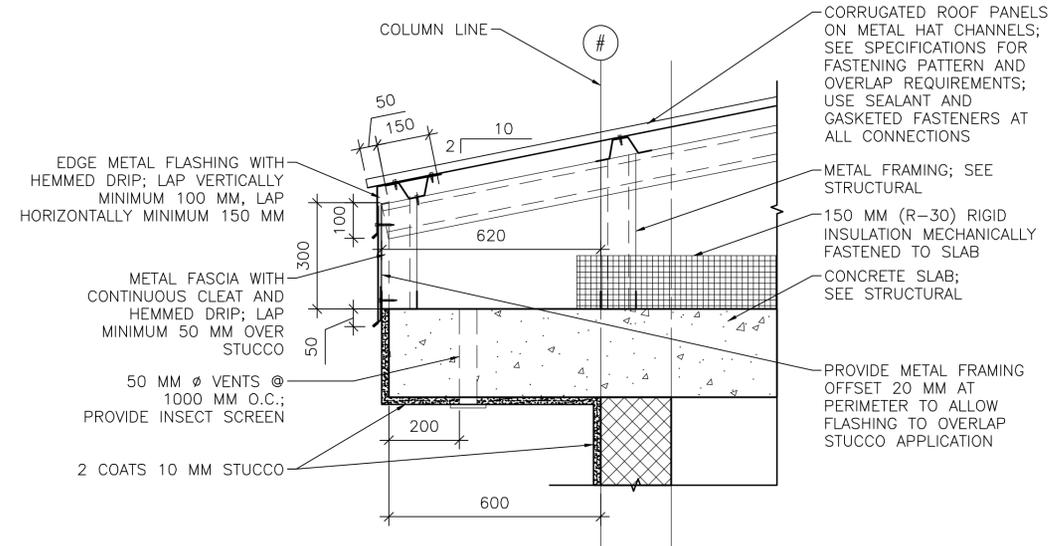
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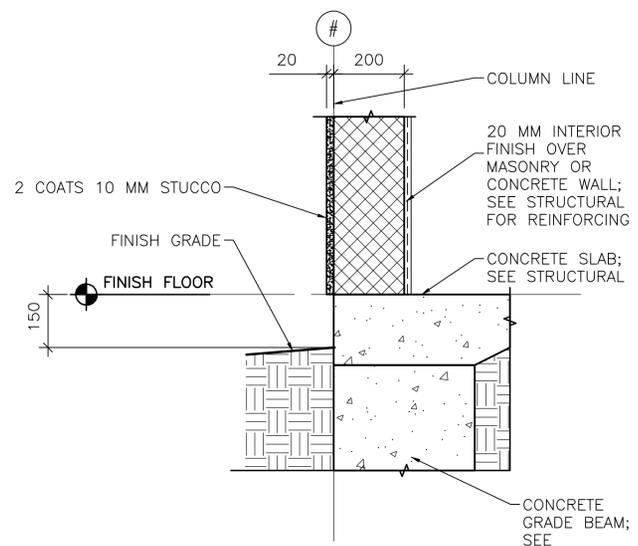
POL STORAGE

BUILDING SECTIONS

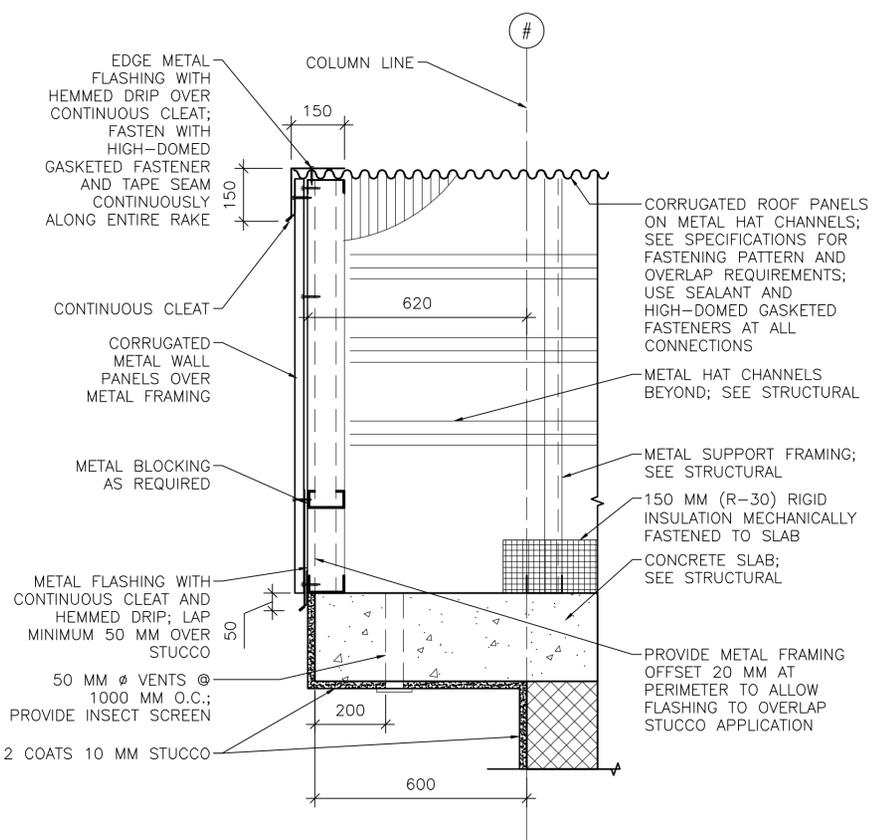
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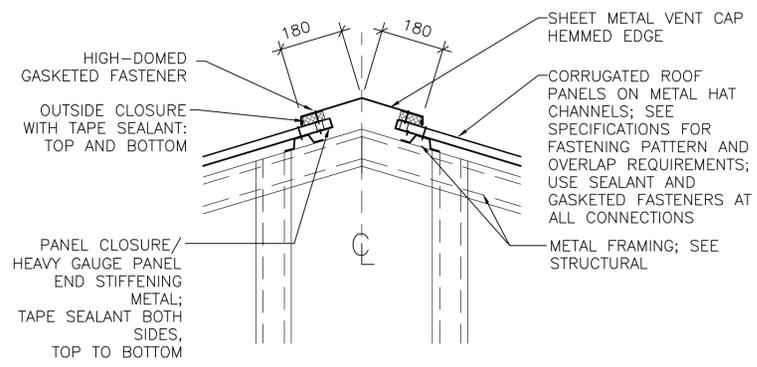
1 EAVE DETAIL
SCALE: 1:10



2 STUCCO BASE DETAIL
SCALE: 1:10



3 RAKE/EAVE DETAIL
SCALE: 1:10



4 RIDGE VENT DETAIL
SCALE: 1:10



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AFGHAN NATIONAL ARMY REGIONAL MILITARY TRAINING CENTER STANDARD DESIGN	POL STORAGE EXTERIOR DETAILS
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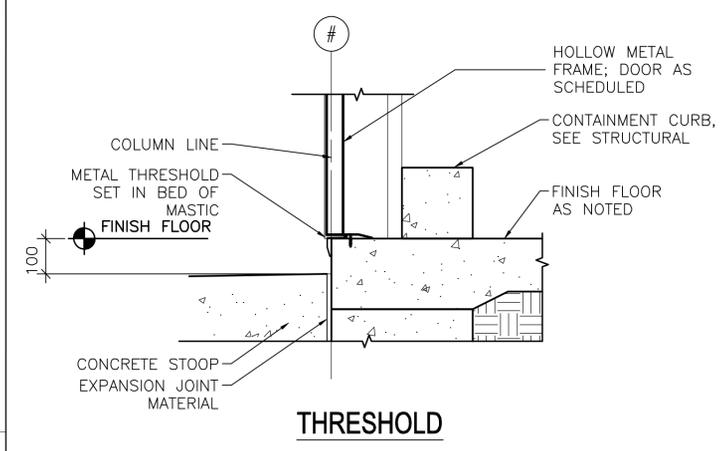
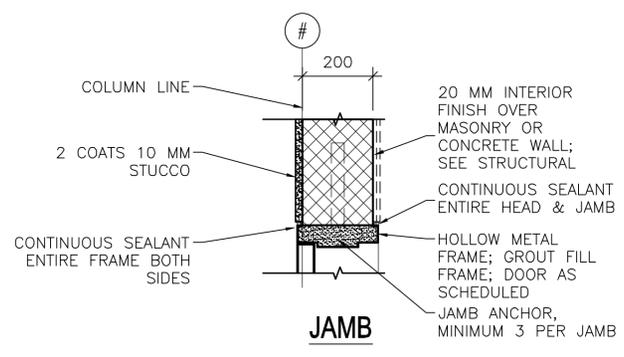
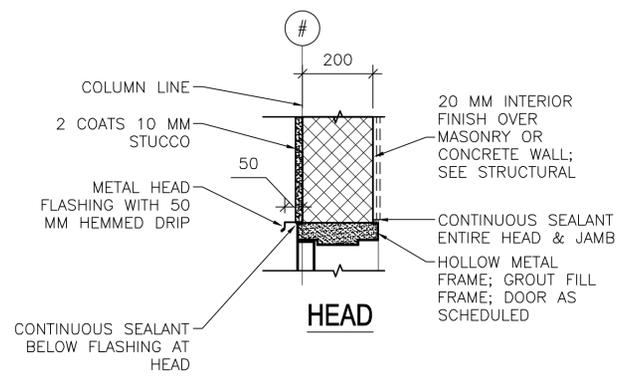
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A-501

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

0 200 400
SCALE: 1:10



1
A-502

EXTERIOR DOOR DETAILS

SCALE: 1:10



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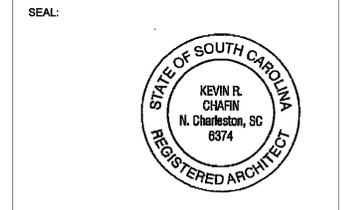
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POL STORAGE
HEAD, JAMB & SILL
DETAILS

APPROVED:

X. R. Cliff

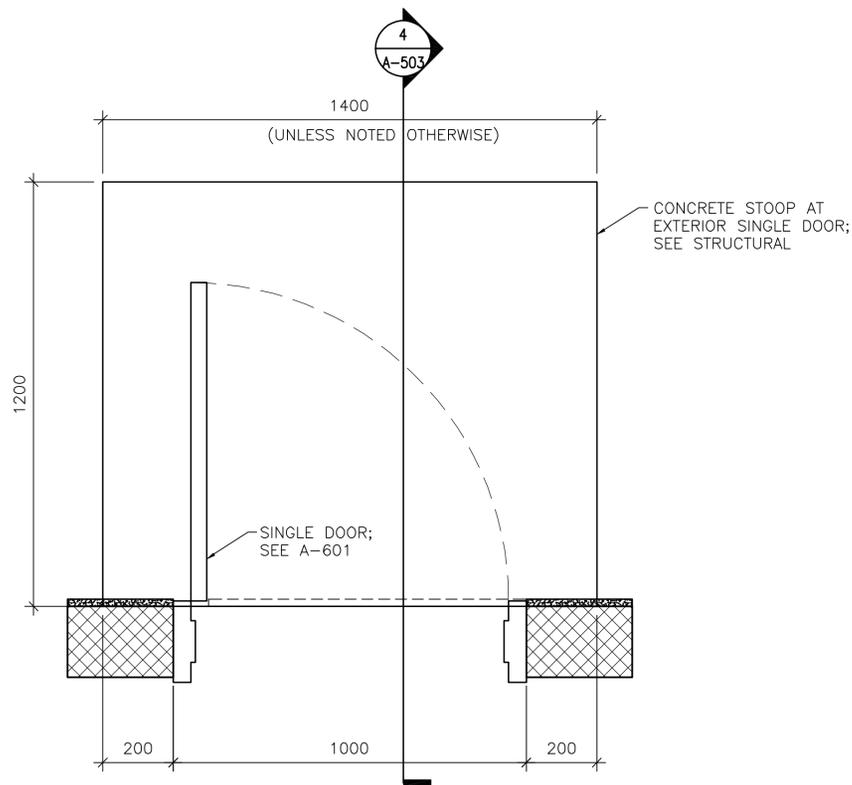
A/E DESIGNER OF RECORD



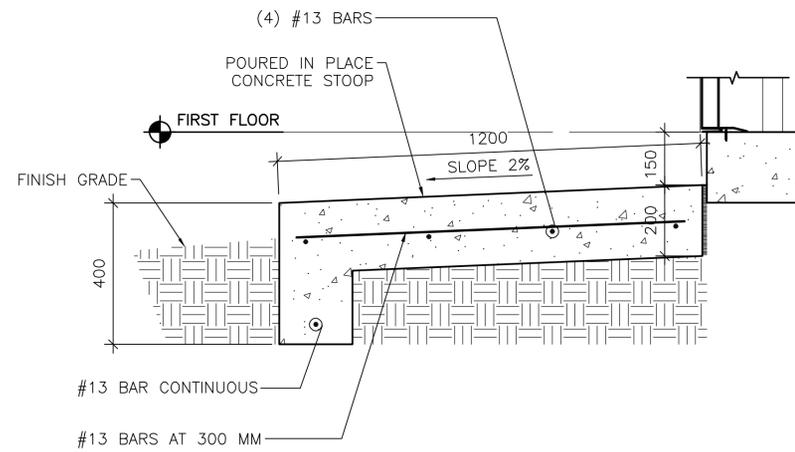
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0 200 400
SCALE: 1:10

Sheet reference number:
A-502



1 DOOR STOOP PLAN (WITHOUT GRATE)
A-503 SCALE: 1:10



2 DOOR STOOP DETAIL
A-503 SCALE: 1:10

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



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Kevin R. Chafin
A/E DESIGNER OF RECORD

SEAL:



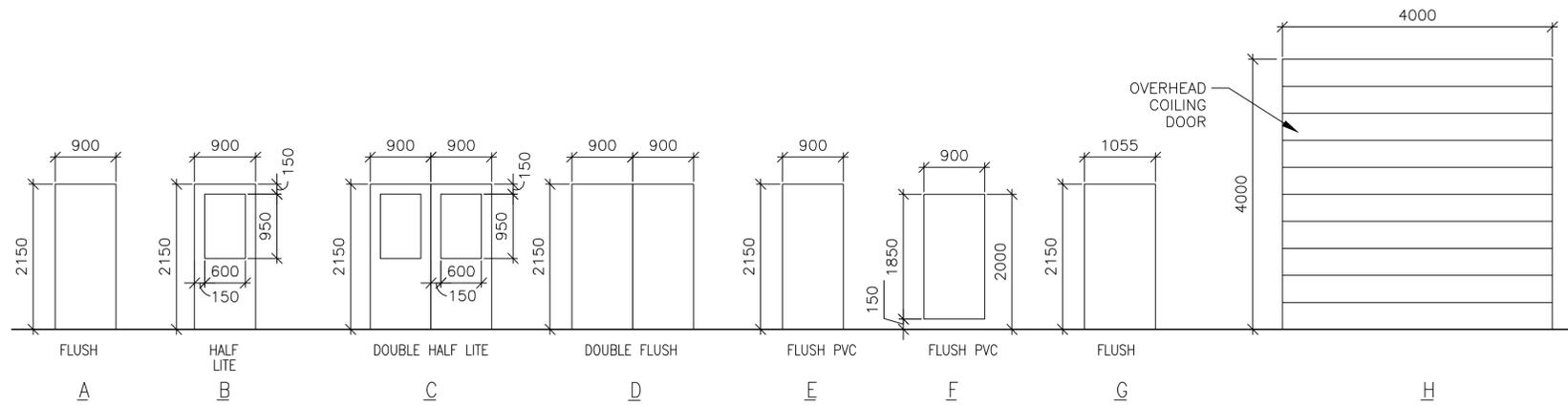
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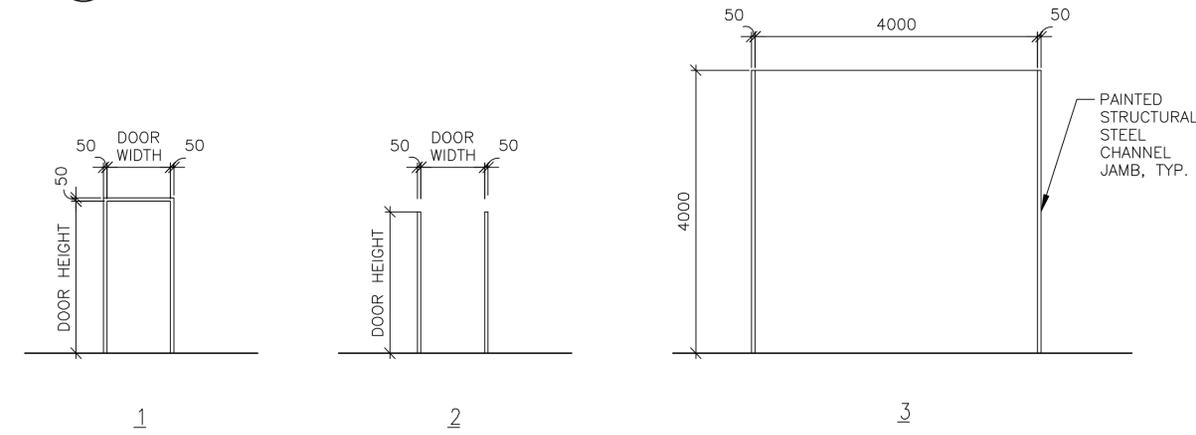
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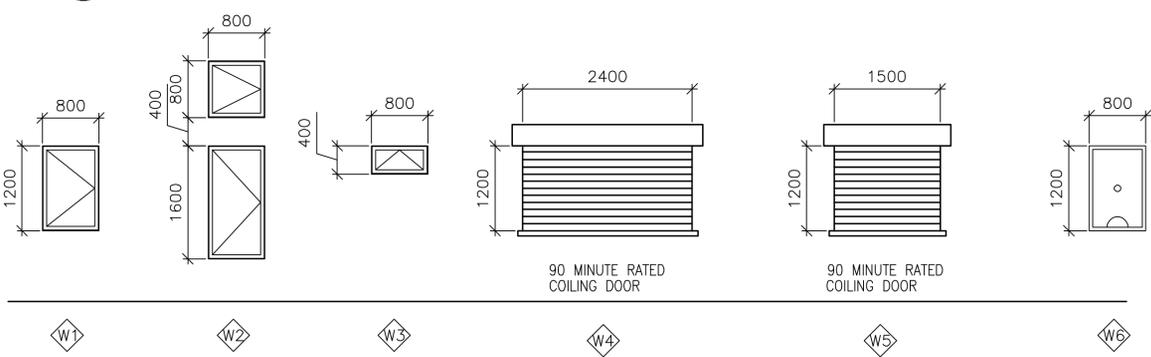
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1 DOOR TYPES
SCALE: 1:50



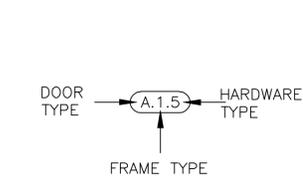
2 FRAME TYPES
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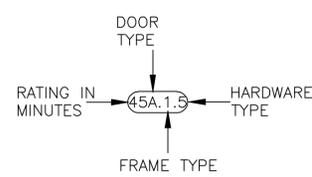
3 WINDOW TYPES
SCALE: 1:50

WINDOW TYPE NOTES:

1. ALL EXTERIOR WINDOWS SHALL BE ALUMINUM WITH INSECT SCREENS. WINDOWS SHALL BE COMMERCIAL GRADE.
2. ALL EXTERIOR WINDOWS SHALL BE OPERABLE.



4 DOOR TAG
SCALE: NTS



5 RATED DOOR TAG
SCALE: NTS

DOOR TAG NOTES:

1. THE DOOR TAG INDICATES THE DOOR TYPE, FRAME TYPE AND HARDWARE SET FOR EACH DOOR.
2. THE DOOR TAG FOR RATED DOORS INCLUDES THE RATING OF THE DOOR IN MINUTES.

EXTERIOR DOOR HARDWARE TYPES:

- HW-1 1-1/2 PR HINGES, A5112 114 X 114
1 EA RIM EXIT DEVICE, TYPE 1
1 EA CYLINDER, E09221A, GRADE 1
1 EA OVERHEAD CLOSER, C02061, LOW RESISTANCE
1 EA THRESHOLD, J32130
3 EA DOOR SILENCERS, L03011
- HW-2 1-1/2 PR HINGES, A5112 114 X 114
1 EA LOCKSET, F13 ENTRY LOCK W/LEVER HANDLES, GRADE 1
1 EA OVERHEAD CLOSER, C02061, LOW RESISTANCE
1 EA THRESHOLD, J32130
3 EA DOOR SILENCERS, L03011
- HW-3 3 PR HINGES, A5112 114 X 114
2 EA RIM EXIT DEVICE, TYPE 1
2 EA CYLINDER, GRADE 1
2 EA OVERHEAD CLOSER, C02061, LOW RESISTANCE
1 EA DOOR COORDINATOR, TYPE 21
1 EA ASTRAGAL
1 EA THRESHOLD, J32130
2 EA DOOR SILENCERS, L03011
- HW-4 3 PR HINGES, A5112 114 X 114
1 EA LOCKSET W/LEVER HANDLES, GRADE 1, F13
1 EA OVERHEAD CLOSER, C02061, LOW RESISTANCE
2 EA MAGNETIC HOLDER PIN, ATTACHED TO DOOR LEAF
2 EA MAGNETIC HOLDER RECEIVER, ATTACHED TO STOOP
2 EA LEVER EXTENSION FLUSH BOLTS, L04081
1 EA ASTRAGAL
1 EA THRESHOLD, J32130
2 EA DOOR SILENCERS, L03011

DOOR AND HARDWARE NOTES:

1. INTERIOR AND EXTERIOR METAL DOORS AND FRAME COLORS SHALL MATCH ADJACENT WALL COLORS AS SELECTED BY THE CONTRACTING OFFICER.
2. FRAMES, EXCEPT FIRE-RATED FRAMES, SHALL BE MOUNTED AND ADJUSTED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. FRAMES SHALL BE FASTENED WITH MINIMUM OF THREE ANCHORS PER JAMB AT EQUAL INTERVALS.
3. DIMENSIONS SHOWN ON DOOR TYPES DETAIL ARE BASED UPON MODULAR MASONRY (OR ROUGH OPENING), HEIGHT OF 2200 MM 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.
4. HARDWARE SHALL BE HEAVY DUTY, COMMERCIAL GRADE, STAINLESS STEEL WITH A SATIN OR BRUSHED FINISH.
5. HARDWARE TYPES INCLUDE BUILDERS HARDWARE MANUFACTURERS ASSOCIATION (BMHA) NUMBER.
6. DOORS IN 2 HOUR RATED PARTITIONS SHALL BE 1.5 HOUR (90 MINUTE) RATED DOORS IN ACCORDANCE WITH NFPA 101, TABLE 8.3.4.2.
7. DOORS AT STAIR ENCLOSURES SHALL BE 1 HOUR (60 MINUTE) RATED AT 1 HOUR WALL IN ACCORDANCE WITH NFPA 101, TABLE 8.3.4.2.
8. DOORS IN 1 HOUR RATED WALLS SHALL BE 3/4 HOUR (45 MINUTE) RATED DOORS IN ACCORDANCE WITH NFPA 101, TABLE 8.3.4.2.
9. DOORS IN 1 HOUR RATED CORRIDOR WALLS SHALL BE 1/3 HOUR (20 MINUTE) IN ACCORDANCE WITH NFPA 101, TABLE 8.3.4.2.
10. PROVIDE DOOR STOPS TO PROTECT WALLS ON LOCATIONS WHERE DOOR SWING WILL STRIKE WALL.

THIS SHEET IS STANDARD AND IS INCLUSIVE OF ALL THE DOOR/ WINDOW/ HARDWARE TYPES FOR THE ENTIRE RMTc CONTRACT. NOT ALL DOOR/ WINDOW/ HARDWARE TYPES ARE USED FOR ANY PARTICULAR BUILDING DESIGN. CONTRACTOR SHALL REFER TO THE FLOOR PLAN FOR THE TYPES BEING USED.

INTERIOR DOOR HARDWARE TYPES:

- HW-5 1-1/2 PR HINGES, A8133 114 X 114
1 EA LOCKSET W/LEVER HANDLES, F08, GRADE 1
1 EA WALL STOP, L02101 OR L02161
3 EA DOOR SILENCERS, L03011
- HW-6 1-1/2 PR HINGES, A8112 114 X 114
1 EA LOCKSET W/LEVER HANDLES, F08, GRADE 1
1 EA WALL STOP, L02101 OR L02161
1 EA OVERHEAD CLOSER, C02061, LOW RESISTANCE
3 EA DOOR SILENCERS, L03011
- HW-7 1-1/2 PR HINGES, A8133
1 EA LOCKSET W/LEVER HANDLES, F13 GRADE 1
1 EA WALL STOP, L02101 OR L02161
2 EA MOP PLATE, J103
3 EA DOOR SILENCERS, L03011
- HW-8 1-1/2 PR HINGES, A8112
1 EA LOCKSET W/LEVER HANDLES, F13 GRADE 1
1 EA WALL STOP, L02101 OR L02161
2 EA MOP PLATE, J103
1 EA OVERHEAD CLOSER, C02061, LOW RESISTANCE
3 EA DOOR SILENCERS, L03011
- HW-9 1-1/2 PR HINGES, A5112 114 X 114
1 EA RIM EXIT DEVICE, TYPE 1
1 EA CYLINDER, E09221A, GRADE 1
1 EA OVERHEAD CLOSER, C02061, LOW RESISTANCE
3 EA DOOR SILENCERS, L03011
- HW-10 3 PR HINGES, A5112 114 X 114
1 EA LOCKSET W/LEVER HANDLES, GRADE 1, F13
2 EA LEVER EXTENSION FLUSH BOLTS, L04081
1 EA ASTRAGAL
2 EA DOOR SILENCERS, L03011
- HW-11 1-1/2 PR HINGES, A8112 114 X 114
1 EA LOCKSET W/LEVER HANDLES, F13, GRADE 1
1 EA WALL STOP, L02101 OR L02161
1 EA OVERHEAD CLOSER, C02061, LOW RESISTANCE
3 EA DOOR SILENCERS, L03011
1 EA ROBE HOOK
- HW-12 1-1/2 PR HINGES, A8133
1 EA LATCHSET W/LEVER HANDLES, F76 GRADE 1
1 EA WALL STOP, L02101 OR L02161
2 EA MOP PLATE, J103
3 EA DOOR SILENCERS, L03011
1 EA ROBE HOOK
- HW-13 3 PR HINGES, A5112 114 X 114
1 EA LOCKSET W/LEVER HANDLES, GRADE 1, F13
1 EA OVERHEAD CLOSER, C02061, LOW RESISTANCE
2 EA LEVER EXTENSION FLUSH BOLTS, L04081
1 EA ASTRAGAL
2 EA DOOR SILENCERS, L03011
- HW-14 3 PR HINGES, A5112 114 X 114
2 EA RIM EXIT DEVICE, TYPE 1
2 EA CYLINDER, GRADE 1
2 EA OVERHEAD CLOSER, C02061, LOW RESISTANCE
1 EA DOOR COORDINATOR, TYPE 21
1 EA ASTRAGAL
2 EA DOOR SILENCERS, L03011



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POL STORAGE

WINDOW AND DOOR SCHEDULES

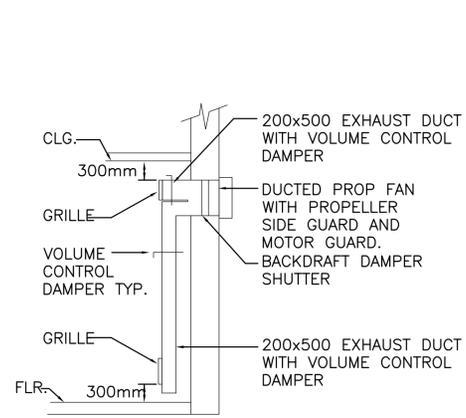
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X. R. Cliff

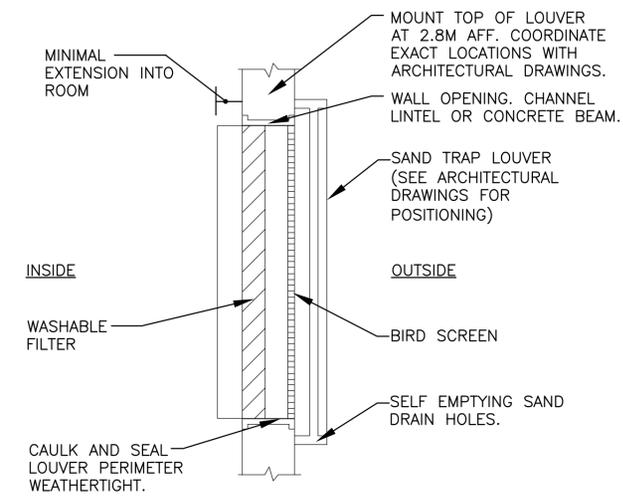
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A-601



2 TYPICAL FAN HIGH LOW GRILLE DETAIL
M-101 N.T.S.



3 FILTERED SAND TRAP LOUVER
M-101 N.T.S.

GENERAL 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.

SYMBOLS:

- (X) KEY NOTE
- (0.050) AIR VOLUME IN CUBIC METERS PER SECOND (CMS)
- (1) THERMOSTAT WITH LOCKING COVER

ABBREVIATIONS:

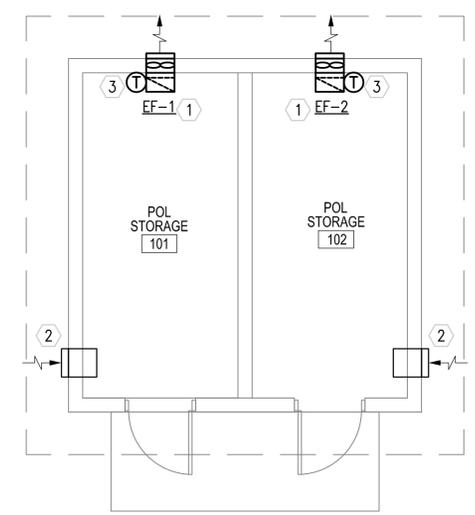
- AFF ABOVE FINISH FLOOR
- CF CEILING FANS
- CMS CUBIC METERS PER SECOND
- EC ELECTRICAL CONTRACTOR
- STATS THERMOSTATS

KEY NOTE:

- WALL EXHAUST FAN MOUNTED AS HIGH AS POSSIBLE, EXTEND DUCT DOWN TO 150mm ABOVE FLOOR. PROVIDE 2 300X300 (12X12) GRILLES ONE LOCATED 300 (12") AFF AND THE OTHER AT 300 (12") BELOW CEILING. SEE DETAIL THIS SHEET. INTERLOCK FANS WITH LIGHTS. SEE DETAIL "2" THIS SHEET.
- 400X200 (16X8) LOW LEAKAGE GRAVITY WALL LOUVER FOR INTAKE. PROVIDE WEATHER PROOF LOUVER W/ 50mm (2") WASHABLE FILTER AND SAND TRAP. SEE DETAIL "3" THIS SHEET.
- THERMOSTAT MOUNTED ON SIDE OF DUCT AND AS HIGH AS POSSIBLE. INTERLOCK STAT WITH CORRESPONDING EXHAUST FAN, SET FAN TO ENERGIZE ON RISE IN TEMPERATURE ABOVE 25°C (77°F).

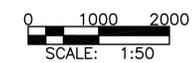
EXHAUST FAN SCHEDULE							
NO.	TYPE	FAN CMS	DRIVE	HP	SP mmH2O	ELECTRICAL DATA	SWITCH
EF-1	WALL	0.035	DIRECT	FRACT	9.5	220/1/50	W/ STAT
EF-2	WALL	0.035	DIRECT	FRACT	9.5	220/1/50	W/ STAT

- NOTES:
- FANS SHALL HAVE SPRING OPERATED BACK DRAFT DAMPER.
 - FANS AND CORRESPONDING THERMOSTATS SHALL BE EXPLOSION PROOF.



1 FLOOR PLAN - HVAC
M-101 SCALE: 1:50

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



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SEAL:



Rev.	Date	Description
0		

Designed by: RML
Dwn by: JLN
Ckd by: CUM
Reviewed by: MRS
Submitted by: BAKER

Date: 02/23/10
Design file no.
Drawing code:
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Plot date: 02/23/10
Plot scale: 1:50

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POL STORAGE
HVAC – FLOOR PLAN,
SCHEDULES AND DETAILS

Sheet reference number:
M-101

GENERAL NOTES:

1. REFER TO DRAWING #E-001 FOR THE ELECTRICAL SYMBOLS LIST.
2. EXIT SIGNS SHALL BE WIRED AHEAD OF ALL LOCAL SWITCHING. SEE WIRING DIAGRAM DETAIL 7, ON DRAWING #E-501.
3. REFER TO DRAWING #E-601 FOR THE LIGHTING FIXTURE SCHEDULE.
4. REFER TO DRAWING #E-602 FOR PANEL SCHEDULES.
5. LIGHT FIXTURES INDICATED AS EMERGENCY SHALL BE PROVIDED WITH A BATTERY BACKUP BALLAST. SEE WIRING DIAGRAM DETAIL 8, ON DRAWING #E-501.
6. ALL PANELS, DEVICES, EQUIPMENT, ETC. SHALL BE EXPLOSION-PROOF OR SHALL BE PROVIDED WITH AN EXPLOSION-PROOF ENCLOSURE. ALL WORK IN THIS BUILDING SHALL BE IN ACCORDANCE WITH NEC ARTICLE 511. EXPLOSION-PROOF EQUIPMENT SHALL BE USED FOR ALL FIXTURES AND DEVICES. PROVIDE CONDUIT SEALS WHERE REQUIRED. ALL WIRING SHALL BE IN ACCORDANCE WITH NEC ARTICLE 501 FOR CLASS I LOCATIONS.



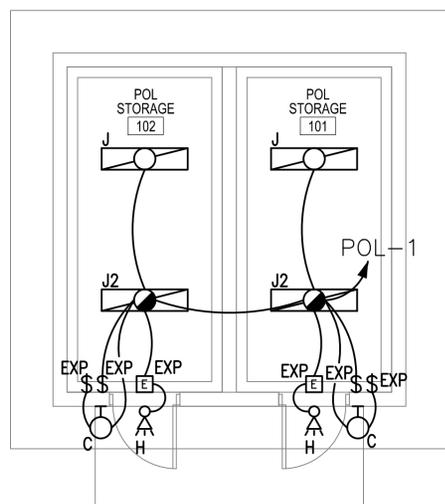
Rev.	Date	Description
0	2/23/10	

Designed by: KJR	Date: 2/23/10	Rev: 0
Drawn by: BJB	Design file no.:	
Checked by: JRG	Drawing code:	
Reviewed by: JRG	Submitted by: BAKER	File name: Plot date:

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ELECTRICAL LIGHTING PLAN

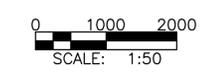
Sheet reference number:
E-101



**POL STORAGE
FLOOR PLAN - LIGHTING**

1
E-101

SCALE: 1:50



SCALE: 1:50

APPROVED:

A/E DESIGNER OF RECORD

SEAL:

GENERAL NOTES:

1. REFER TO DRAWING #E-001 FOR THE ELECTRICAL SYMBOLS LIST.
2. REFER TO DRAWING #E-501 FOR THE POWER RISER.
3. REFER TO DRAWING #E-602 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.
6. ALL PANELS, DEVICES, EQUIPMENT, ETC. SHALL BE EXPLOSION-PROOF OR SHALL BE PROVIDED WITH AN EXPLOSION-PROOF ENCLOSURE. ALL WORK IN THIS BUILDING SHALL BE IN ACCORDANCE WITH NEC ARTICLE 511. EXPLOSION-PROOF EQUIPMENT SHALL BE USED FOR ALL FIXTURES AND DEVICES. PROVIDE CONDUIT SEALS WHERE REQUIRED. ALL WIRING SHALL BE IN ACCORDANCE WITH NEC ARTICLE 501 FOR CLASS I LOCATIONS.

NUMBERED NOTES:

- 1 PANEL POL WITH NEMA 3R LOCKABLE WEATHERPROOF HOUSING.
- 2 PROVIDE POWER CONNECTION TO EXHAUST FAN. SEE DRAWINGS #M-101 AND #E-602 FOR MORE INFORMATION.
- 3 FACP IN NEMA 3R LOCKABLE WEATHERPROOF HOUSING.



Rev.	Date	Description
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Drawn by: BJB	Design file no.:	
Reviewed by: JRG	Drawing code:	
Submitted by: BAKER	File name: Pol.stg	Plot scale:

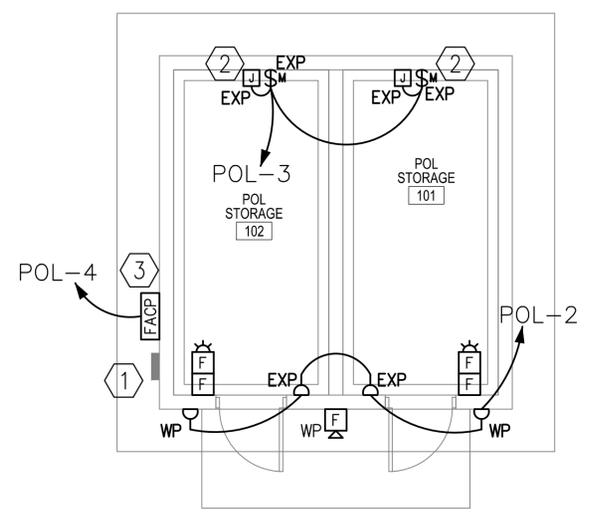
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POL STORAGE
ELECTRICAL POWER AND SYSTEMS PLAN

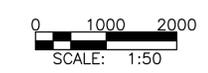
Sheet reference number:
E-102



**POL STORAGE
FLOOR PLAN - POWER AND SYSTEMS**

1
E-102

SCALE: 1:50

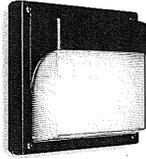


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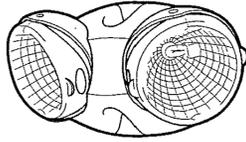
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FIXTURE MARK 'C'



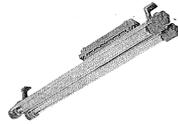
FIXTURE MARK 'H'



FIXTURE MARK 'E'



FIXTURE MARK 'J'



LIGHT FIXTURE SCHEDULE

FIXTURE MARK	STYLE NUMBER AND TYPE	NUMBER AND TYPE OF LAMPS	VOLTAGE	MOUNTING	NOTES
C	INCANDESCENT ONE PIECE W/ APPROVED LENS STABILIZED HIGH IMPACT POLY CARBONATE.	(1) A19 - 100W INCANDESCENT	220V - 1Ø 50HZ	WALL MOUNTED ABOVE EXTERIOR DOORS	
H	REMOTE HEAD EXTERIOR LIGHT HEAD POWERED FROM EXIT SIGN BATTERY- 12V DOUBLE HEAD CORROSION RESISTANT WITH UL34 WEATHERPROOF CONSTRUCTION	(2) 12W/12V HALOGEN LAMP	12V - 1Ø 50HZ	EXTERIOR WALL MOUNTED AT TOP OF DOOR HEIGHT	
J	EXPLOSION-PROOF (2) LAMP FIXTURE PROVIDED WITH LAMPS. COPPER FREE, ALUMINUM HOUSING, TEMPERED BOROSILICATE GLASS, AND BIAx LAMPS WITH WIRE GUARD	(2) 40W 3500K BIAx FLUORESCENT LAMPS	220V - 1Ø 50HZ	PENDANT MOUNTED FROM CEILINGS	FURNISHED WITH LAMPS AND WIRE GUARD
J2	SAME AS FIXTURE 'J' WITH EMERGENCY BALLAST	(2) 40W 3500K BIAx FLUORESCENT LAMPS	220V - 1Ø 50HZ	PENDANT MOUNTED FROM CEILINGS	FURNISHED WITH LAMPS, WIRE GUARD, EMERGENCY BALLAST WITH SELF TEST SWITCH
E	UNIVERSAL MOUNT ENGINEER GRADE THERMOPLASTIC HOUSING EXIT SIGN WITH LED LAMPS, RED LETTERS 6" IN HEIGHT WITH ARROWS AS INDICATED, WITH 12V CADMIUM BATTERY WITH REMOTE HEAD CAPABILITY	LED LAMPS	220V - 1Ø 50HZ	UNIVERSAL MOUNTING	



Rev.	Date	Description	Mark	Appr.
0	2/23/10			

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Dwn by: BJB	Reviewed by: JRG	Design file no.	Drawing code:
Submitted by: BAKER	File name: BAKER		Plot date: BAKER

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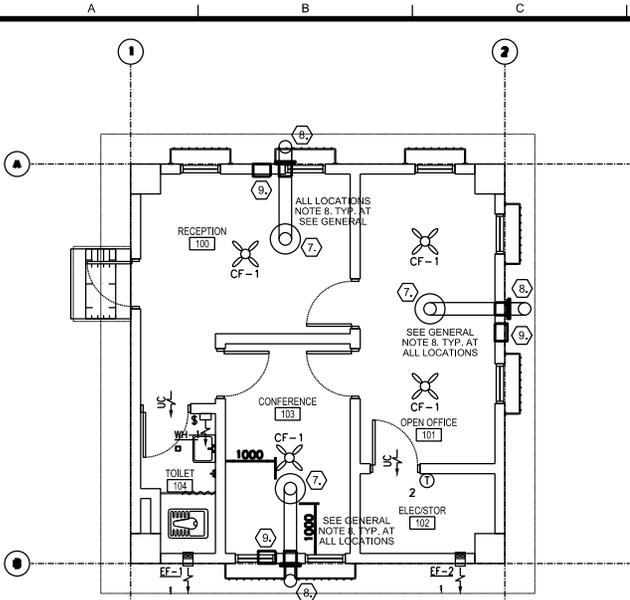
POL STORAGE
ELECTRICAL LIGHTING FIXTURE SCHEDULE

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Sheet reference number:
E-601



1 HVAC FLOOR PLAN
SCALE: 1:50

KEY NOTES

1. CUSTOMER FURNISHED WOOD STOVE AND VENT DUCT TO WALL THIMBLE.
2. CONTRACTOR TO PROVIDE Ø150mm VENT DUCT THROUGH THIMBLE AND ONE Ø150mm TRANSITION COLLAR, AND ONE Ø150mm X Ø130mm TRANSITION COLLAR.
3. CONTRACTOR TO PROVIDE A 600mm X 600mm BRICK VENT W/INSECT SCREEN. NO LOUVER, NO FILTER. BOTTOM VENT SHALL BE 300mm ABOVE FINISHED FLOOR.
4. SAME AS NOTE #1 THIMBLE DETAIL.
5. WALL EXHAUST FAN WITH LOW SPRING OPERATED BACK-DRAFT DAMPER. SEE DETAIL THIS SHEET.
6. THERMOSTAT MOUNTED AS HIGH AS POSSIBLE. INTERLOCK STAT WITH CORRESPONDING EXHAUST FAN. SET FAN TO ENERGIZE ON RISE IN TEMPERATURE ABOVE 25°C (77°F).
7. WOOD STOVE AND VENT DUCT TO WALL THIMBLE.
8. CONTRACTOR TO PROVIDE Ø150mm VENT DUCT THROUGH THIMBLE AND ONE Ø150mm TRANSITION COLLAR. SEE DETAIL THIS SHEET. THE VENT DUCT ASSEMBLY FROM WOOD STOVE TO RAIN CAP SHALL BE PRE-MANUFACTURED AND INSTALLED PER WOOD STOVE MANUFACTURERS INSTRUCTIONS AND UL 103.
9. CONTRACTOR TO PROVIDE A 600mm X 600mm BRICK VENT W/ INSECT SCREEN. NO LOUVER, NO FILTER. BOTTOM VENT SHALL BE 300mm ABOVE FINISHED FLOOR.

ELECTRIC UNIT HEATER SCHEDULE					
NO.	CMS	KW	FINAL AIR TEMP. °C	ELECT. CHAR.	MOUNTING
EH-2	0.200	2.6	38	220/1/50	WALL HUNG

NOTES:
1. UNIT HEATERS SHALL HAVE TAMPER PROOF INTEGRAL STATS.
2. COORDINATE LOCATION AND ORIENTATION IN FIELD.

EXHAUST FAN SCHEDULE							
NO.	TYPE	FAN CMS	DRIVE	HP	SP mmH2O	ELECTRICAL DATA	SWITCH
EF-1	WALL	0.035	DIRECT	FRACT	9.5	220/1/50	⊙ WALL
EF-2	WALL	0.035	DIRECT	FRACT	9.5	220/1/50	W/ STAT

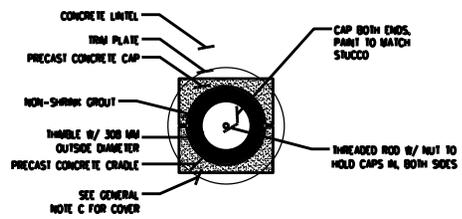
NOTE:
1. FANS SHALL HAVE SPRING OPERATED BACK DRAFT DAMPER.

CEILING FAN					
NO.	BLADE SIZE	VOLTAGE	SWITCH	REMARKS	
	mm IN				
CF-1	1320 52	220/1/50	⊙ WALL	3 SPEED REVERSIBLE MOTOR	

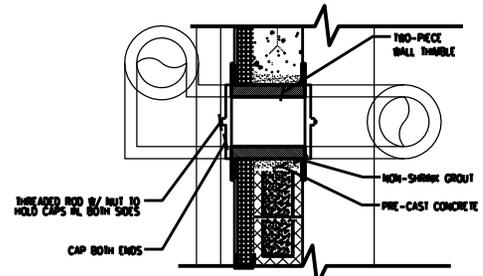
NOTES:
1. INSTALL FANS 2.5M AFF.
2. PROVIDE WITH OUT LIGHT FIXTURE.
3. PROVIDE WITH REMOTE MOUNTED ON-OFF SWITCH SHOWN ON ELECTRICAL DRAWINGS.

ELECTRIC FAN-FORCED WALL HEATER SCHEDULE					
NO.	KW	AMPS	KW/HR	ELECT. CHAR.	MOUNTING
WH-1	0.5	2.1	38	220/1/50	SURFACE

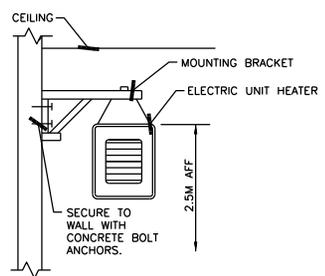
NOTES:
1. COORDINATE LOCATION AND ORIENTATION IN FIELD.



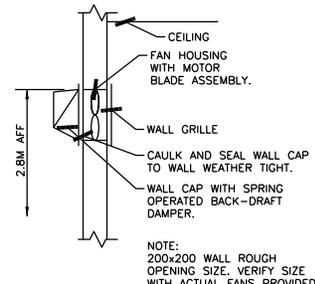
5 THIMBLE ELEVATION DETAIL
SCALE: 1:100



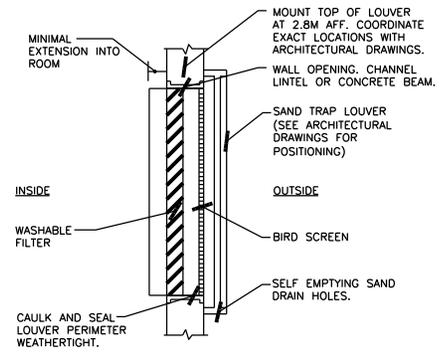
6 THIMBLE SECTION DETAIL
SCALE: 1:100



2 ELECTRIC UNIT HEATER MOUNTING DETAIL
SCALE: N.T.S.



3 WALL EXHAUST FAN DETAIL
SCALE: N.T.S.



4 FILTERED SAND TRAP LOUVER
SCALE: N.T.S.

GENERAL NOTES:

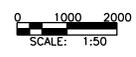
1. DO NOT SCALE DRAWINGS - ALL DIMENSIONS AND CONDITIONS SHALL BE CHECKED AND VERIFIED BY THE CONTRACTOR AT THE SITE.
2. ALL WORK PERFORMED ON THIS BUILDING SHALL BE IN COMPLIANCE WITH ALL PERTINENT CODES, RULES, ORDINANCES AND REGULATIONS OF THE GOVERNING AUTHORITIES.
3. ALL WORK PERFORMED UNDER AND IN CONNECTION WITH THESE DRAWINGS AND SPECIFICATIONS SHALL BE IN STRICT COMPLIANCE WITH THE LATEST SAFETY AND HEALTH STANDARDS.
4. WOOD STOVE CLEAR MINIMUM DISTANCE TO ANY AND ALL COMUSTIBLE MATETIALS

SYMBOLS:

- X KEY NOTE
- (0.050) AIR VOLUME IN CUBIC METERS PER SECOND (CMS)
- ⊙ THERMOSTAT WITH LOCKING COVER
- UC DOOR UNDERCUT 25mm.
- S SINGLE POLE SWITCH FOR EXHAUST FAN - 20A RATED
- ⊠ ELECTRIC HEATER
- ⊗ CEILING FAN
- DIRECTION OF AIR FLOW

ABBREVIATIONS:

- AFF ABOVE FINISH FLOOR
- CF CEILING FANS
- CMS CUBIC METERS PER SECOND
- EF EXHAUST FAN
- EH ELECTRIC HEAT
- STATS THERMOSTATS
- WH WALL HEATER



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ENGINEERING CENTER
CHICKASAW BRANCH OFFICE

AFGHANISTAN NATIONAL POLICE
POLICE TRAINING CENTER
COMPOUND - 1ST STORY
VARIOUS LOCATIONS, AFGHANISTAN

1ST STORY BUILDING
FLOOR PLAN AND ROOF PLAN

SHEET NUMBER:
M-101