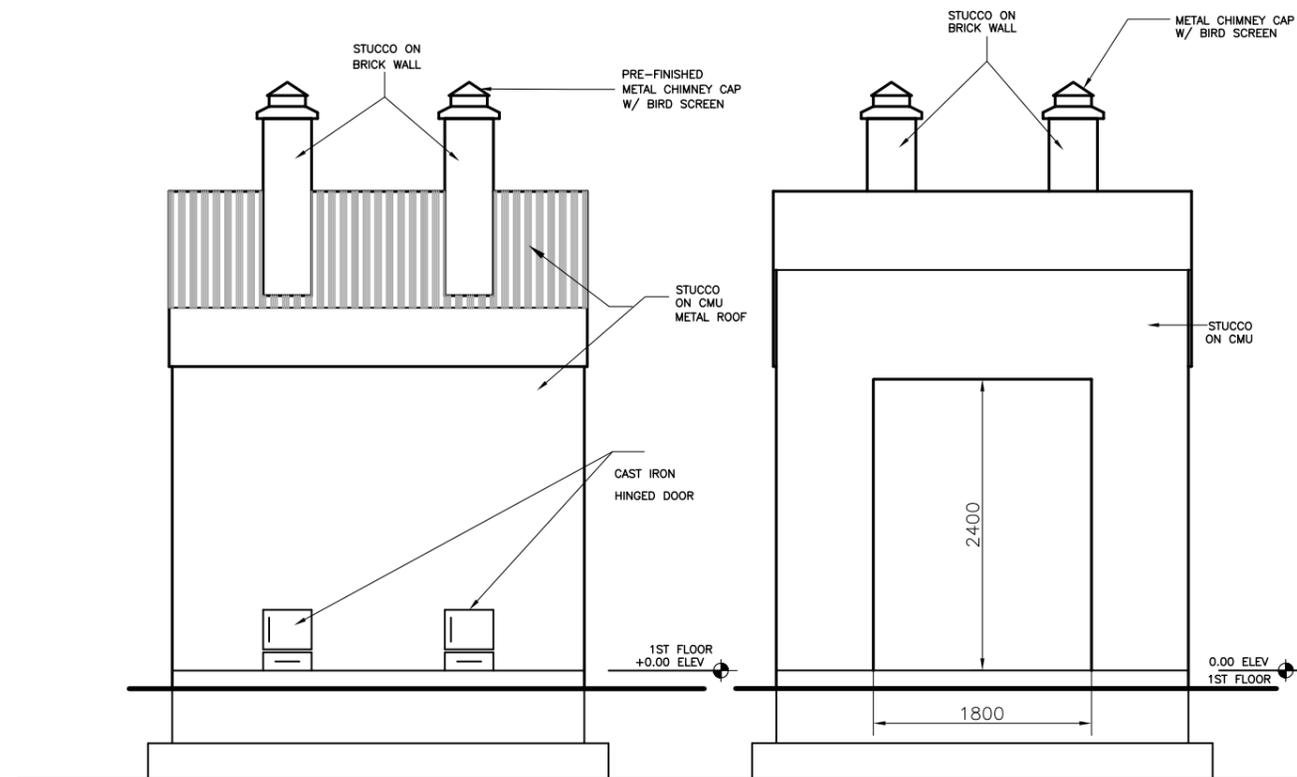
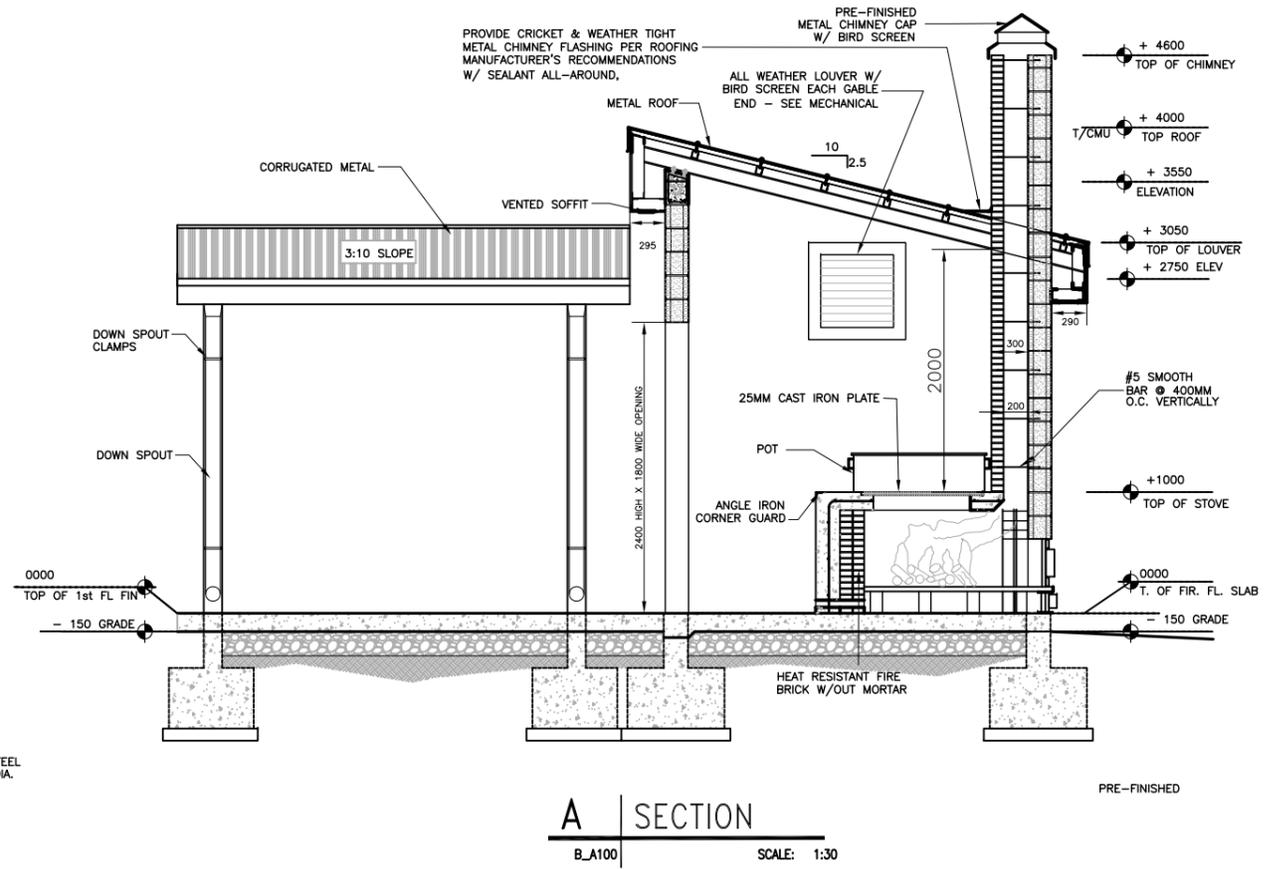
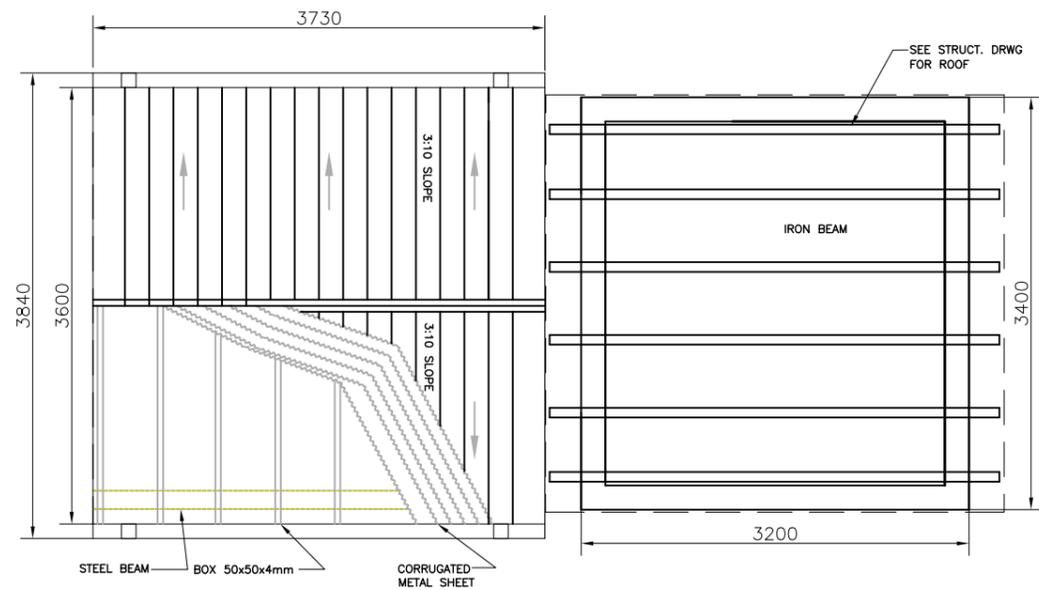
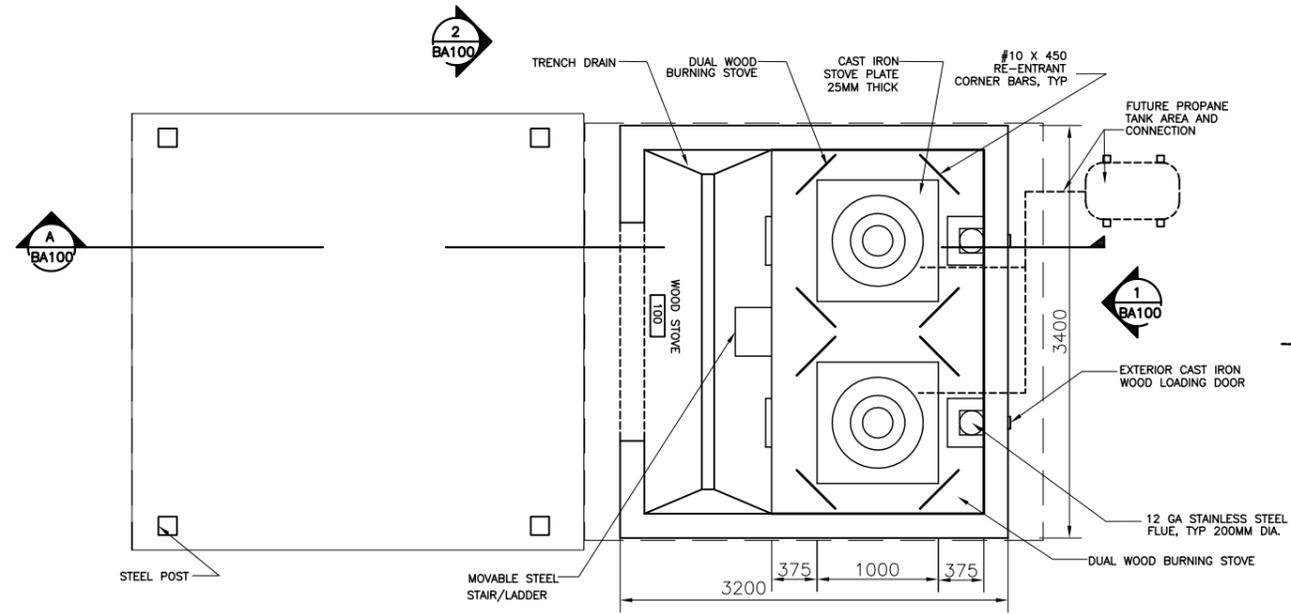


01c,d WOOD STOVE ANNEX



DESIGNED	REVIEWED	DATE	REVISION	DESCRIPTION
T. LODGE		05 DEC 2009		
WAHIDULLAH.Y				
T. LODGE				
D. WHEELER				
AFGHAN NATIONAL SECURITY FORCE Comprehensive Plan for Facilities Development MINISTRY OF INTERIOR (MoI) - AFGHAN NATIONAL POLICE PROVINCIAL FIRE STATIONS Wood Stove Kitchen Plan, Elevation and Section				
SCALE AS SHOWN				
PROJECT NO. -				
B_A100				

ROOM FINISH SCHEDULE

ROOM NO.	ROOM NAME	FLOOR	BASE	WALL		CEILING			DOOR & WINDOW FINISH		REMARKS
		MATERIAL	MATERIAL	MATERIAL	FINISH	MATERIAL	FINISH	HEIGHT	MATERIAL	FINISH	
100	WOOD STOVE	CONC/S	-	P	P-1	P	P-3	VARIES	-	-	LOUVER W/ BIRD SCREEN EACH GABLE END

GENERAL FINISH NOTES/TYPICAL COLORS & MATERIAL SELECTION

FLOORING	CEILING FINISHES	GENERAL NOTES																																																																				
<p>CARPET (CPT) CPT-1 AFGHAN TURKMAN PRODUCT; 6000 x 12000 OR EQUIVALENT CPT-2 ARABIC CARPET; IT IS AVAILABLE AS PER ROOM DIMENSION CPT-3 XX</p> <p>CONC/S CONCRETE SEALED AND HARDENED WITH BROOM FINISH</p> <p>TERRAZZO TILE (TT) TT-1 AFGHAN LOCAL PRODUCT; 300mm X 300mm WITH SPECIAL POLISH</p> <p>ENTRY MAT (MAT) MAT-1 REESE PERFEC CLEAN ALUMINUM HINGE MAT; RECESSED FRAME WITH NO. 546 CARPET INSERTS, METAL FINISH: MIL ALUMINUM; CARPET INSERTS: MAUVE 8616</p> <p>CERAMIC TILE (CT) CT-1 R.A.K CERAMIC UAE; 300mm X 300mm UNPOLISHED PORCELAIN CT-2 AFGHAN LOCAL PRODUCT; 300mm X 600mm POLISHED PORCELAIN CT-3 AFGHAN LOCAL PRODUCT; 600mm X 1000mm UNPOLISHE PORCELAIN CT-4 R.A.K CERAMIC UAE; #4/70ORBEM-10 200mm X 200mm UNPOLISHE PORCELAIN CT-5 R.A.K CERAMIC UAE; # 600CPAR-2 200mm X 300mm UNPOLISHE PORCELAIN</p>	<p>GWB GYPSUM WALL BOARD DONGFENG BOARD; WITH DIMENSION OF 1200 x 2400 mm AND THICK 3/8 TOTAL WEIGHT APROX. 21KG</p> <p>PAINTED CEILINGS (P) P-1 BRIGHTO PAINT; # 12 OFF WHITE</p> <p>MISCELLANEOUS SURFACES</p> <p>LAMINATE SURFACES (LAM) LAM-1 FORMICA; 953-58 ICE WHITE (BREAK ROOMS AND FMT COUNTERTOPS) LAM-2 FORMICA; 7481-58 NATURAL BIRCH (BREAK ROOMS AND FMT- BASE AND UPPER CABINETS) LAM-3 FORMICA; 1485-58 CHROME YELLOW (ELEVATOR)</p> <p>TOILET PARTITIONS (TP) NOT USED</p> <p>SIGNAGE (S) S-1 BACKGROUND COLOR: MATCH P-3, TEXT: WHITE</p> <p>INTERIOR DOOR AND WINDOW FRAMES P-4 BRIGHTO ; #3 LIGHT GRAY</p> <p>INTERIOR WOOD DOORS AND TRIM WHITE OAK, CLEAR FINISH, NO STAIN</p> <p>MOVEABLE WALL (MW) NOT USED</p>	<ol style="list-style-type: none"> THE MANUFACTURER'S NAMES AND THEIR PRODUCTS REFERENCED ONLY INDICATE THE COLOR, TEXTURE, AND PATTERN REQUIRED FOR THE MATERIALS LISTED. THE PRODUCTS FURNISHED SHALL MEET THE COLOR, TEXTURE, AND PATTERN INDICATED AS WELL AS THE MATERIAL QUALITY AND PERFORMANCE SPECIFIED IN THE APPLICABLE TECHNICAL SPECIFICATIONS. THE USE OF MANUFACTURER'S NAMES AND PRODUCTS DO NOT PRECLUDE THE USE OF OTHER MANUFACTURER'S PRODUCTS OF APPROVED EQUAL COLOR, TEXTURE, AND/OR PATTERN IF ALL OTHER REQUIREMENTS ARE MET. ALL VISIBLE GRILLES, DIFFUSERS, AND OTHER MECHANICAL RELATED FINISH OPENING DEVICES INCLUDING FIRE ALARMS SHALL BE PAINTED TO MATCH COLOR OF ADJACENT SURFACE. REFER TO APPROPRIATE ARCHITECTURAL DRAWINGS AND DETAILS TO PROPERLY ASSESS THE FULL EXTENT OF WORK REQUIRED. SPECIFICALLY REFER TO THE REFLECTED CEILING PLANS AND BUILDING SECTIONS TO DETERMINE HEIGHTS OF REQUIRED WALL MATERIALS, SPECIAL CONDITIONS AND STRUCTURES, ETC. REFER TO EXTERIOR ELEVATIONS FOR EXTERIOR FINISH SELECTIONS. INFILL FLOOR AT SLAB RECESSES NOT TO RECEIVE CERAMIC TILE WITH CONCRETE LEVEL WITH ADJACENT FLOOR SURFACES PRIOR TO APPLYING FLOOR FINISH. WALL AND CEILING GWB SURFACES SHALL BE PAINTED WITH FLAT FINISH, TRIM SHALL BE SEMI-GLOSS. INSTALL PLASTIC BUMPER RAILS AND CORNER GUARDS AT MAIN CORRIDORS INTERIOR SURFACE OF EXTERIOR METAL DOORS AND FRAMES SHOULD COMPLY WITH P-4 																																																																				
<p align="center">BASE TREATMENTS</p> <p>MARBLE TILE (MT) MT-1 AFGHAN LOCAL PRODUCT; 75mm X 100mm CROSS SHEEN PORCELAIN MARBLE TILE COVE BASE; #AXXX EMPRESS BLACK</p>	<p align="center">FINISH SCHEDULE ABBREVIATIONS</p> <table border="0"> <tr> <td>AFF</td> <td>ABOVE FINISHED FLOOR</td> <td>LAM</td> <td>PLASTIC LAMINATE</td> </tr> <tr> <td>ALSF</td> <td>ALUMINUM STOREFRONT SYSTEM</td> <td>MANUF</td> <td>BY MANUFACTURER</td> </tr> <tr> <td>ATC</td> <td>ACOUSTIC TILE CEILING</td> <td>MAT</td> <td>ENTRY MAT</td> </tr> <tr> <td>CB</td> <td>CEMENT BOARD</td> <td>MR</td> <td>MOISTURE RESISTANT</td> </tr> <tr> <td>CONC/S</td> <td>CONCRETE SEALED AND HARDENED WITH BROOM FINISH</td> <td>MTL</td> <td>METAL PANEL</td> </tr> <tr> <td></td> <td></td> <td>MW</td> <td>MOVABLE WALL</td> </tr> <tr> <td></td> <td></td> <td>NA</td> <td>NOT APPLICABLE</td> </tr> <tr> <td></td> <td></td> <td>P</td> <td>PAINT</td> </tr> <tr> <td>CPT</td> <td>CARPET</td> <td>PREFIN</td> <td>PREFINISHED</td> </tr> <tr> <td>CT</td> <td>CERAMIC TILE</td> <td>RB</td> <td>RESILIENT BASE</td> </tr> <tr> <td>EP</td> <td>EPOXY PAINT</td> <td>RBP</td> <td>RACQUETBALL PANEL</td> </tr> <tr> <td>EXPOSED</td> <td>EXPOSED STRUCTURE</td> <td>VCT</td> <td>VINYL COMPOSITION TILE</td> </tr> <tr> <td>GN</td> <td>GENERAL NOTE</td> <td>MT</td> <td>MARBLE TILE</td> </tr> <tr> <td>GWB</td> <td>GYPSUM WALL BOARD</td> <td>MTD</td> <td>METALLIC DOOR</td> </tr> <tr> <td>HM</td> <td>HOLLOW METAL</td> <td>WD</td> <td>WOOD DOOR</td> </tr> <tr> <td></td> <td></td> <td>TT</td> <td>TERRAZZO TILE</td> </tr> <tr> <td></td> <td></td> <td>PVC</td> <td>POLYVINYL</td> </tr> </table>	AFF	ABOVE FINISHED FLOOR	LAM	PLASTIC LAMINATE	ALSF	ALUMINUM STOREFRONT SYSTEM	MANUF	BY MANUFACTURER	ATC	ACOUSTIC TILE CEILING	MAT	ENTRY MAT	CB	CEMENT BOARD	MR	MOISTURE RESISTANT	CONC/S	CONCRETE SEALED AND HARDENED WITH BROOM FINISH	MTL	METAL PANEL			MW	MOVABLE WALL			NA	NOT APPLICABLE			P	PAINT	CPT	CARPET	PREFIN	PREFINISHED	CT	CERAMIC TILE	RB	RESILIENT BASE	EP	EPOXY PAINT	RBP	RACQUETBALL PANEL	EXPOSED	EXPOSED STRUCTURE	VCT	VINYL COMPOSITION TILE	GN	GENERAL NOTE	MT	MARBLE TILE	GWB	GYPSUM WALL BOARD	MTD	METALLIC DOOR	HM	HOLLOW METAL	WD	WOOD DOOR			TT	TERRAZZO TILE			PVC	POLYVINYL	
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<p align="center">WALL FINISHES</p> <p>PAINT/EPOXY PAINT (P/EP): P-1 BRIGHTO PAINTS; # 42 SAND STONE SUPER EMULSION P-2 BRIGHTO PAINTS; # 127 CAMEO FOR EXTERNAL USE WEATHER SHIELD P-3 BRIGHTO PAINTS; # X LATEX FOR WATER BASE WALL AND CEILING P-4 BRIGHTO METALLIC ENAMEL; # 3 LIGHT GRAY SUITABLE FOR USE ON ALL TYPES OF INTERIOR AND EXTERIOR WOOD AND METAL SURFACES. P-5 BRIGHTO METALLIC ENAMEL; # 42 ASH WHITE SUITABLE FOR USE ON ALL TYPES OF INTERIOR AND EXTERIOR WOOD AND METAL SURFACES. P-6 BRIGHTO PAINTS; # 12 OFF WHITE P-7 BRIGHTO PAINTS; #70 ROSE WHITE P-8 BRIGHTO PAINTS; #69 LILY WHITE P-9 BRIGHTO PAINTS; #40 PEACH CREAM</p> <p>CERAMIC TILE (CT): CT-4 R.A.K CERAMIC UAE; #4/70ORBEM-10 200mm X 200mm UNPOLISHE PORCELAIN CT-5 R.A.K CERAMIC UAE; # 600CPAR-2 200mm X 300mm UNPOLISHE</p>																																																																						

NOTE:
NOT ALL FINISHES APPLY TO ALL BUILDINGS.



DESIGNED	DRAWN	CHECKED	IN CHARGE	DATE	REV	DATE	BY	DESCRIPTION
BOUZA	WAHIDULLAH.Y	P.HOPE	D. WHEELER	05 DEC 2009				

AFGHAN NATIONAL SECURITY FORCE	WOOD STOVE FINISH SCHEDULE
Comprehensive Plan for Facilities Development	
MINISTRY OF INTERIOR (MoI) - AFGHAN NATIONAL POLICE	
PROVINCIAL FIRE STATIONS	

SCALE	AS SHOWN
PROJECT NO.	
B_A101	

PRELIMINARY - NOT FOR CONSTRUCTION

SYMBOLS

POWER

	DELTA CONNECTION
	MOTOR
	TRANSFORMER
	WYE CONNECTION
	GROUND CONNECTION
	JUNCTION BOX, CEILING/WALL MOUNTED
	PULL BOX
	RELAY CONTACT, NORMALLY OPEN RELAY CONTACT, NORMALLY CLOSED
	FUSE
	CIRCUIT BREAKER 100AF FRAME SIZE 70AT TRIP AMPS
	SWITCH AND FUSE UNIT
	UNFUSED SAFETY SWITCH, RATING AS NOTED POLES
	FUSED SAFETY SWITCH, RATING AS NOTED POLES
	MAGNETIC MOTOR STARTER, RATING AS NOTED NEMA SIZE
	COMBINATION TYPE MAGNETIC MOTOR STARTER, RATING AS NOTED
	GENERATOR, POWER
	BATTERY
	LIGHTNING ARRESTER
	METER
	AMMETER
	VOLTMETER
	WATTMETER
	WATT-HOUR METER
	RELAY
	AIR TERMINAL

	MOTOR
	TRANSFORMER
	WYE CONNECTION
	EARTH GROUND
	AIR TERMINAL
	JUNCTION BOX
	CABLE TRAY/WIREWAY, AS INDICATED ON THE DRAWINGS
	BRANCH CIRCUIT HOMERUN, TICK MARKS INDICATE NUMBER OF #12 AWG CONDUCTORS GROUNDING CONDUCTOR NEUTRAL CONDUCTOR HOT CONDUCTOR NO TICK MARKS INDICATES 2#12, 1#12G
	RIGID CONDUIT LINE
	DIRECT BURIAL CABLE
	POWER DUCT
	RACEWAY IN CEILING OR WALL
	RACEWAY UNDERFLOOR, UNDERGROUND
	ONE CROSSMARK PER WIRE (3 WIRES UNLESS SHOWN), GROUND NOT SHOWN
	FLEXIBLE RACEWAY
	HOME RUN (ONE ARROW PER CIRCUIT) CONDUIT (UP, DOWN)
	EXPOSED RACEWAY
	380/220V, 50HZ, 4W DISTRIBUTION PANELBOARD (FLUSH, SURFACE MOUNTED)
	WOOD BACKBOARD
	PUSH BUTTON
	FLOOR OUTLET, DATA COMMUNICATION
	OUTLET, DATA COMMUNICATION
	RECEPTACLE, CLOCK HANGER
	DUPLEX RECEPTACLE (WP=WEATHERPROOF) (G=GROUND FAULT INTERRUPTING) (C=ISOLATED GROUND)
	ABOVE-COUNTER DUPLEX RECEPTACLE
	QUADRAPLEX
	SINGLE RECEPTACLE
	SINGLE RECEPTACLE WITH SWITCH
	SPECIAL RECEPTACLE
	VOICE/DATA OUTLET
	SWITCH
	F: FUSED
	L: LOCK
	M: MOTOR RATED SWITCH
	MP: MOTOR SNAP WITH PILOT LIGHT
	WP: WEATHER PROOF
	K: KEY OPERATED
	LM: LOW VOLTAGE MASTER
	MC: MOMENTARY CONTACT
	P: WITH PILOT LIGHT
	RC: REMOTE CONTROL
	X: EXPLOSION PROOF

LIGHTING

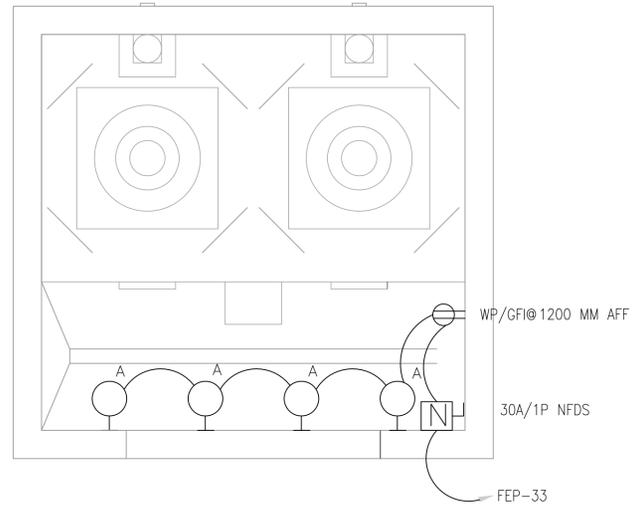
	SPST TOGGLE SWITCH
	BLANK: SINGLE POLE
	3: THREE WAY
	D: DIMMER
	LV: LOW VOLTAGE
	LM: LOW VOLTAGE MASTER
	T: TIMER OPERATED
	X: EXPLOSION PROOF
	MO: OCCUPANCY SENSOR
	2: DOUBLE POLE
	4: FOUR WAY
	K: KEY OPERATED
	L: LOCK
	P: WITH PILOT LIGHT
	RC: REMOTE CONTROL
	WP: WEATHER PROOF
	STRIP/INDUSTRIAL FLUORESCENT FIXTURE, TYPE INDICATED
	STRIP/INDUSTRIAL FLUORESCENT FIXTURE W/EMERGENCY BATTERY, TYPE INDICATED.
	2'X4' FLUORESCENT LIGHTING FIXTURE, TYPE INDICATED
	2'X4' FLUORESCENT LIGHTING FIXTURE W/EMERGENCY BATTERY, TYPE INDICATED
	WALL MOUNTED LIGHTING FIXTURE
	RECESSED-MOUNTED
	CEILING-MOUNTED OR SUSPENDED
	RECESSED GRID-MOUNTED FLUORESCENT
	SURFACE-MOUNTED FLUORESCENT
	OCCUPANCY SENSOR
	EXIST (WALL, CEILING)
	EMERGENCY LIGHTING BATTERY UNIT WITH 2 LAMP HEADS
	REMOTE EMERGENCY LIGHTING 1 OR 2 LAMP HEADS
	POLE MOUNTED SITE LIGHT, ONE LUMINARIES
	POLE MOUNTED SITE LIGHT, TWO LUMINARIES
	2'X2' FLUORESCENT LIGHTING FIXTURE, TYPE INDICATED
	2'X2' FLUORESCENT LIGHTING FIXTURE W/EMERGENCY BATTERY, TYPE INDICATED
	TRACK LIGHT
	BOLLARD
	PHOTOCCELL
	LIGHTING CONTACTOR

FIRE ALARM EQUIPMENT

	FIRE ALARM PULL STATION
	FIRE ALARM HORN/STROBE/SPEAKER
	FIRE ALARM STROBE ONLY
	FIRE ALARM SMOKE DETECTOR
	FIRE ALARM DUCT MOUNTED SMOKE DETECTOR
	FIRE ALARM CONTROL PANEL

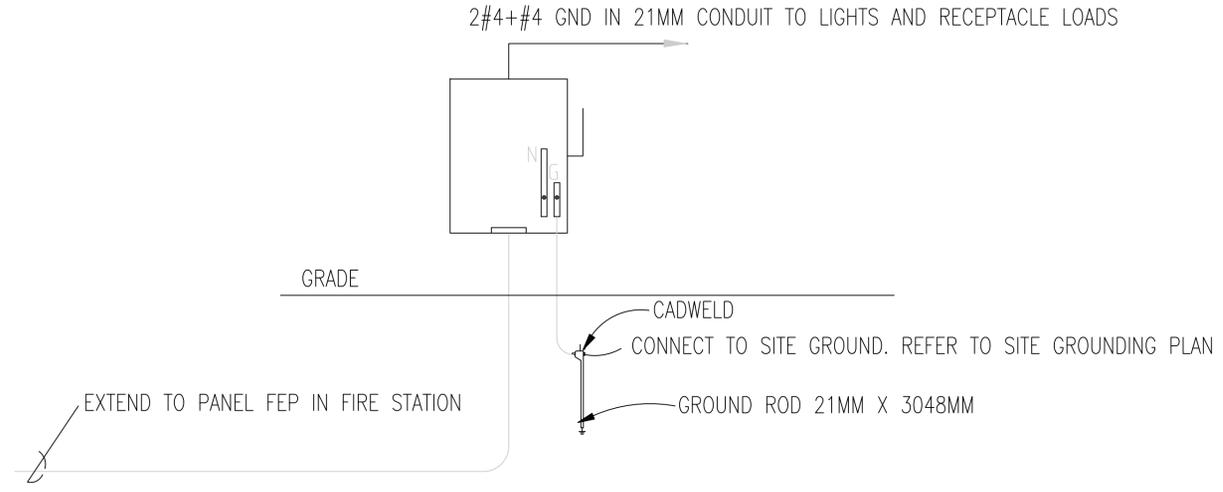
ABBREVIATIONS

1PH	SINGLE PHASE	GND	GROUND	V	VOLT
1P	SINGLE POLE	GEN	GENERATOR	VA	VOLT-AMPERE
2/C	TWO-CONDUCTOR	GRD	GROUND	VAR	VOLT-AMPERE REACTIVE
3/C	THREE-CONDUCTOR	GTB	GROUND TERMINAL BOX	VFD	VARIABLE FREQUENCY DRIVE
3PH	THREE PHASE	GE	GROUND ELECTRODE CONDUCTOR	VPS	VACUUM PRESSURE SWITCH
4/C	FOUR-CONDUCTOR	HID	HIGH INTENSITY DISCHARGE	W	WATT OR WIRE
4W	FOUR WIRE	HOA	HAND-OFF-AUTOMATIC	WH	WATT HOUR
A/C UNIT	AIR CONDITIONING UIT	HP	HORSEPOWER	WM	WATT METER
A/E	ARCHITECT/ENGINEER	HT	HEIGHT	WP	WEATHERPROOF
AAP	ALARM ANNUNCIATOR PANEL	HZ	HERTZ		
ACC	ACCESSIBLE	IESNA	ILLUMINATION ENGINEERING SOCIETY OF NORTH AMERICA	XLP	CROSS LINKED POLYETHYLENE TRANSFORMER
ADL	ADDITIONAL	IMC	INTERMEDIATE METAL CONDUIT	XFMR	
ADJ	ADJACENT	IR	INFRARED	ZSC	LIMIT SWITCH CLOSED
ADO	AUTOMATIC DOOR OPENER	J-BOX	JUNCTION BOX	ZSO	LIMIT SWITCH OPEN
AF	AMP FRAME				
AFC	AUTOMATIC FREQUENCY CONTROL				
AFF	ABOVE FINISHED FLOOR				
AFG	ABOVE FINISHED GRADE				
AH	AMPERE HOUR				
AHJ	AUTHORITY HAVING JURISDICTION				
AIC	AMPERE INTERRUPTING CAPACITY				
ALT	ALTERNATE				
AMB	AMBIENT				
AMP OR A	AMPERE				
ARCH	ARCHITECT				
ASC	AMPS SHORT CIRCUIT				
AT	AMPERE TRIP				
ATS	AUTOMATIC TRANSFER SWITCH				
AUTO	AUTOMATIC				
AV	AUDIO VISUAL				
BAT	BATTERY				
BC	BARE COPPER				
BD	BOARD				
BFF	BELOW FINISH FLOOR				
BFI	BASIC INSULATION LEVEL				
BLDG	BUILDING				
BP	BOILER PLANT INSTRUMENTATION PANEL				
BARKER	BREAKER				
BP	BY PASS				
C	CONDUIT				
C OR CD	CONDUIT				
CAB	CABINET				
CALC	CALCULATION				
CAP	CAPACITY				
CAT	CATALOG				
CATV	COMMUNITY ANTENNA TELEVISION				
CCR	CONTROL CONTRACTOR				
CCTV	CLOSED CIRCUIT TELEVISION				
CDA	CANDELA				
CD	CONSTRUCTION DOCUMENTS				
CF	CONTRACTOR FURNISHED				
CF/CI	CONTRACTOR FURNISHED/CONTRACTOR INSTALLED				
CF/OI	CONTRACTOR FURNISHED/OWNER INSTALLED				
CFE	CONTRACTOR FURNISHED EQUIPMENT				
CHW	CHILLED WATER				
CHWP	CHILLED WATER PUMP				
CKT	CIRCUIT				
CKT BARKER	CIRCUIT BREAKER				
CLF	CURRENT LIMITING FUSE				
CLG	CEILING				
CMU	CONCRETE MASONRY UNIT				
COAX	COAXIAL CABLE				
COMM	COMMUNICATION				
CONC	CONCRETE				
CONT	CONTINUE				
CONTR	CONTRACTOR				
COORD	COORDINATE				
CPT	CONTROL POWER TRANSFORMER				
CRI	COLOR RENDERING INDEX				
CT	CURRENT TRANSFORMER				
CTV	CABLE TELEVISION				
CU	COPPER				
CU FT	CUBIC FEET				
	CURRENT				
DB	DIRECT BURIAL				
DC	DIRECT CURRENT				
DCP	DIMMER CONTROL PANEL				
DEG C	DEGREE CELSIUS				
DEG F	DEGREE FAHRENHEIT				
DEMO	DEMOLITION				
DIAG	DIAGRAM				
DISC	DISCONNECT				
DISTR	DISTRIBUTION				
DISTR PNL	DISTRIBUTION PANEL				
DMR SW	DIMMER SWITCH				
DN	DOWN				
DPDT	DOUBLE POLE, DOUBLE THROW				
DPST	DOUBLE POLE, SINGLE THROW				
DRSW	DOOR SWITCH				
DS	DISCONNECT SWITCH				
DWG	DRAWINGS				
EC	EMPTY CONDUIT				
EG	EQUIPMENT GROUND				
EL	ELEVATION				
ELEC	ELECTRICAL				
ELEV	ELEVATOR				
EMCP	EMERGENCY MONITORING CONTROL PANEL				
EMER	EMERGENCY				
EMI	ELECTROMAGNETIC INTERFERENCE				
EMT	ELECTRICAL METALLIC TUBING				
ENCL	ENCLOSURE				
EPO	EMERGENCY POWER OFF				
EPWF	EXPLOSION PROOF				
ESMT	EASEMENT				
EW	ELECTRIC WATER COOLER				
EWH	ELECTRIC WATER HEATER				
FA	FIRE ALARM				
FAAP	FIRE ALARM ANNUNCIATOR PANEL				
FABL	FIRE ALARM BELL				
FABX	FIRE ALARM BOX				
FACP	FIRE ALARM CONTROL PANEL				
FC	FOOT CANDLE				
FIXT	FIXTURE				
FLA	FULL LOAD AMPS				
FLEX	FLEXIBLE METALLIC CONDUIT				
FLT	FLOOD LIGHT				
FLOR	FLUORESCENT				
FOUTT	TELEPHONE FLOOR OUTLET				
FP	FIRE PROTECTION				
FT	FUSED SWITCH				
FU SW	FUSED SWITCH				
FVNR	FULL VOLTAGE NON-REVERSING				
FVR	FULL VOLTAGE REVERSING				
GEN	GENERATOR				
GTB	GROUND TERMINAL BOX				
GE	GROUND ELECTRODE CONDUCTOR				
HID	HIGH INTENSITY DISCHARGE				
HOA	HAND-OFF-AUTOMATIC				
HP	HORSEPOWER				
HT	HEIGHT				
HZ	HERTZ				
IESNA	ILLUMINATION ENGINEERING SOCIETY OF NORTH AMERICA				
IMC	INTERMEDIATE METAL CONDUIT				
INC	INCANDESCENT				
IR	INFRARED				
J-BOX	JUNCTION BOX				
KV	KILOVOLT				
KVA	KILOVOLT AMPERE				
KVAH	KILOVOLT AMPERE PER HOUR				
KVAR	KILOVOLT AMPERE REACTIVE PER HOUR				
KW	KILOWATT				
KWH	KILOWATT HOUR				
KWHM	KILOWATT HOUR METER				
LED	LIGHT EMITTING DIODE				
LF	LINEAR FEET				
LM	LUMEN				
LP	LIGHT POLE				
LPS	LOW PRESSURE SODIUM				
LRA	LOCKED ROTOR AMPS				
LTCP	LOCAL TEMPERATURE CONTROL PANEL				
LTG	LIGHTING				
LTG PNL	LIGHTING PANEL				
LV	LOW VOLTAGE				
MATV	MASTER ANTENNA TELEVISION				
MAX	MAXIMUM				
MB	MAIN BREAKER				
MC	METAL CLAD				
MCA	MINIMUM CIRCUIT AMPS				
MCB	MAIN CIRCUIT BREAKER				
MCC	MOTOR CONTROL CENTER				
MDP	MAIN DISTRIBUTION PANEL				
MECH	MECHANICAL				
MG	MOTOR GENERATOR				
MH	MANHOLE				
MIN	MINIMUM				
MOCP	MAXIMUM OVER CURRENT PROTECTION				
MLO	MAIN LUGS ONLY				
MTD	MOUNTED				
MTG	MOUNTING				
MTS	MANUAL TRANSFER SWITCH				
MV	MEDIUM VOLTAGE				
MVA	MEGAVOLT AMPS				
MW	MEGAWATT				
NA	NOT APPLICABLE				
NEC	NATIONAL ELECTRICAL CODE				
NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION				
NEUT OR N	NEUTRAL				



ELECTRICAL PLAN

SCALE 1:25



POWER RISER DIAGRAM

LIGHTING FIXTURE SCHEDULE					
MARK	LAMPS	VOLTAGE	FIXTURE DISCRPTION	MOUNTING	NOTES
A	1-100MH	220	HID FLOOD LIGHT. ALUMINUM HOUSING TEMPERED GLASS LENS. DARK BRONZE COLOR . ENCLOSE3D AND GASKETED. HPF BALLAST.	BRACKET	SEE NOTE 1.
NOTE 1. MOUNT TWO TYPE A FIXTURES TO POINT UP FOR INDIRECT LIGHTING AND TWO TO POINT DOWN AT COOKING SURFACE.					

PRELIMINARY - NOT FOR CONSTRUCTION

DESIGNED BY: L. TAYLOR
 DRAWN BY: L. TAYLOR
 CHECKED BY: B. CRAWFORD
 IN CHARGE: D. WHEELER
 DATE: 05 DEC 2009

REVISION

NO.	DESCRIPTION	DATE	BY	APP.

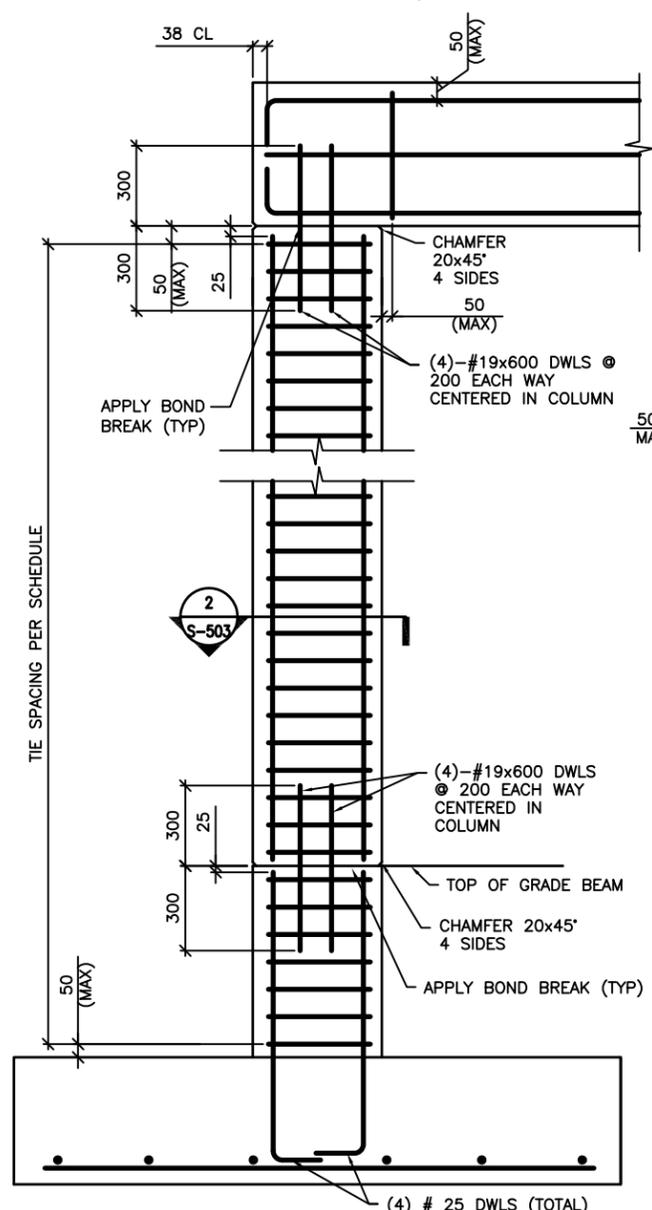
AFGHAN NATIONAL SECURITY FORCE
 Comprehensive Plan for Facilities Development
 MINISTRY OF INTERIOR (MoI) - AFGHAN NATIONAL POLICE
 PROVINCIAL FIRE STATIONS

Wood Stove Kitchen
 Electrical Plans, Schedules & Details

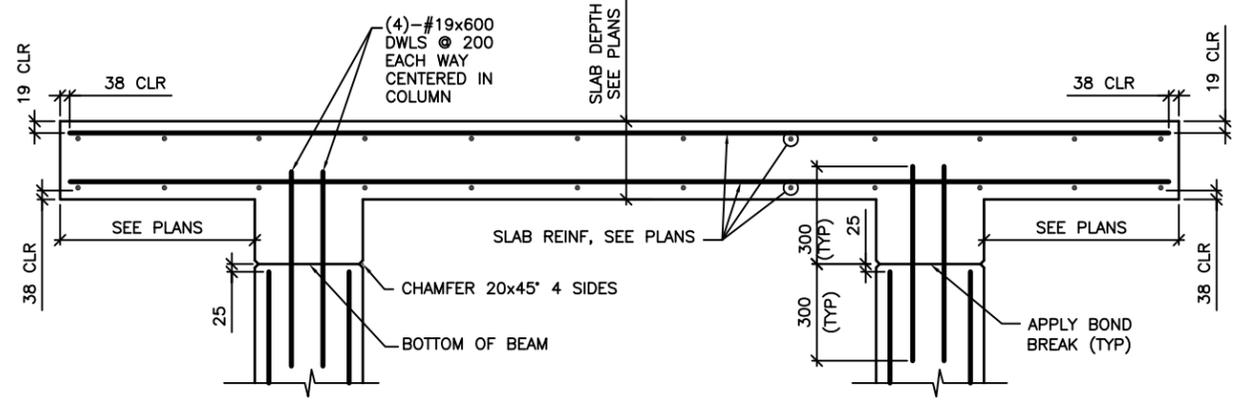
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 PROJECT NO.: 6151-08-0328

B_E100

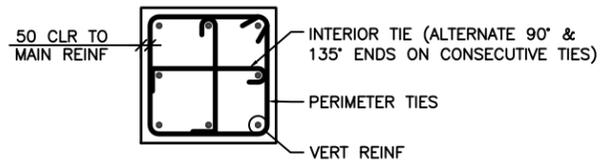
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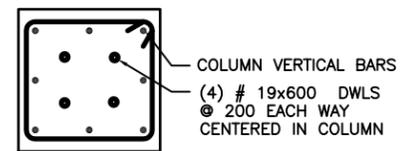
1 1-STORY COLUMN REINF DETAILS
SCALE: NTS
(WITH GRADE BEAM)



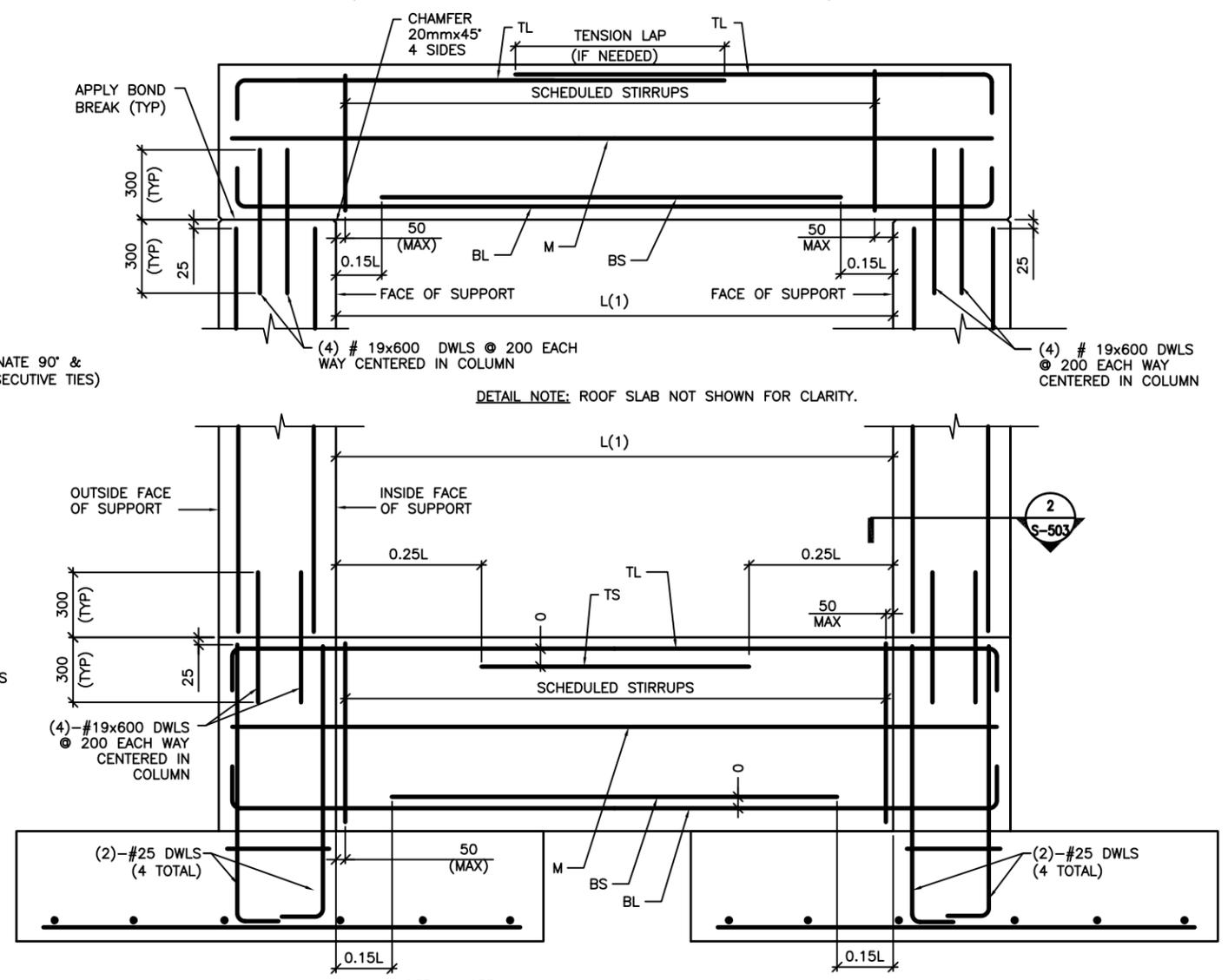
4 SINGLE SPAN FRAMED SLAB REINFORCING DETAIL
SCALE: NTS



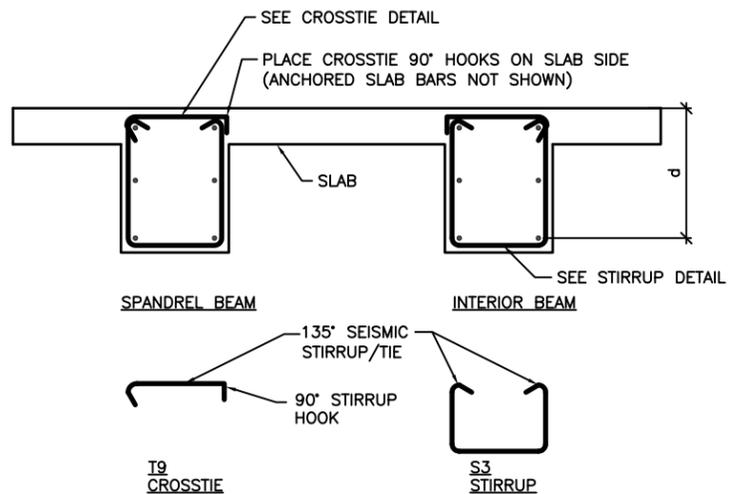
A 8 BAR COLUMN
SCALE: NTS



2 SECTION
SCALE: NTS



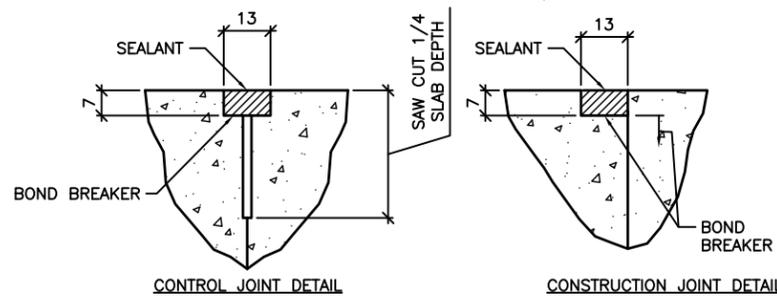
3 SINGLE SPAN FRAME REINFORCING DETAIL
SCALE: NTS



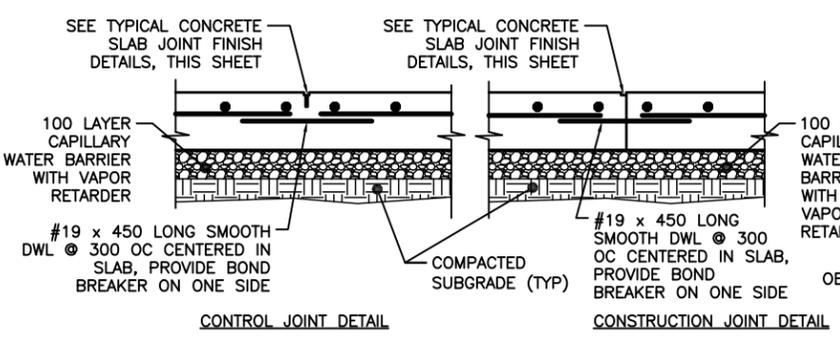
B BEAM REINFORCEMENT DETAILS
SCALE: NTS

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

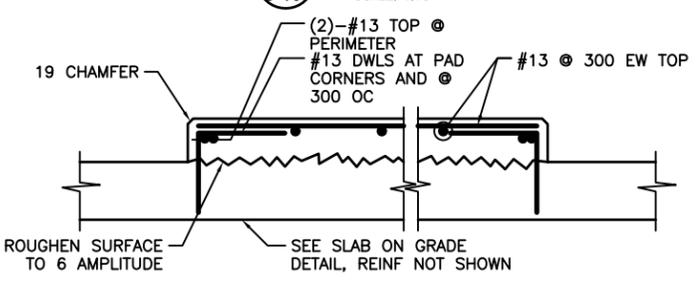
<p>US Army Corps of Engineers AFGHANISTAN ENGINEER DISTRICT</p>	
DESIGNED BY:	DATE:
DWN BY:	SOLICITATION NO.:
SUBMITTED BY:	CONTRACT NO.:
PLOT SCALE:	FILE NUMBER:
FILE NAME:	ANSI ID:
U.S. ARMY CORPS OF ENGINEERS AFGHANISTAN DISTRICT APO AE 09386	DESCRIPTION
SITE ADAPT DESIGN FAMILY RESPONSE UNIT OFFICES AD20 - FRU	DATE
BEAM & COLUMN DETAILS	MARK
SHEET IDENTIFICATION S-503	DATE
SHEET 7 OF 31	DESCRIPTION



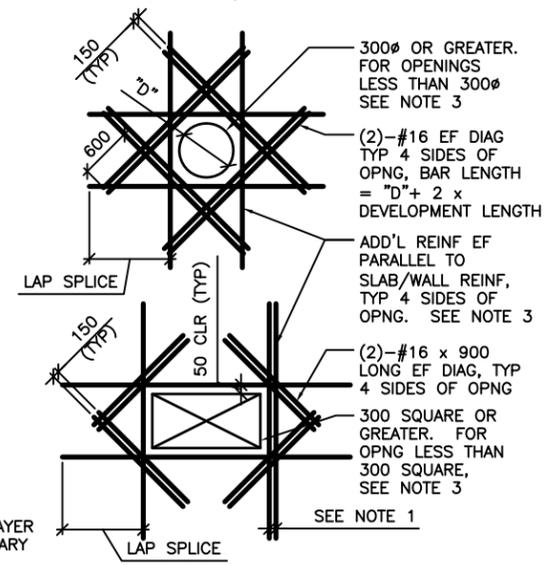
TYPICAL CONCRETE SLAB JOINT FINISH DETAILS
SCALE: NTS



TYPICAL SLAB ON GRADE JOINT DETAIL
SCALE: NTS



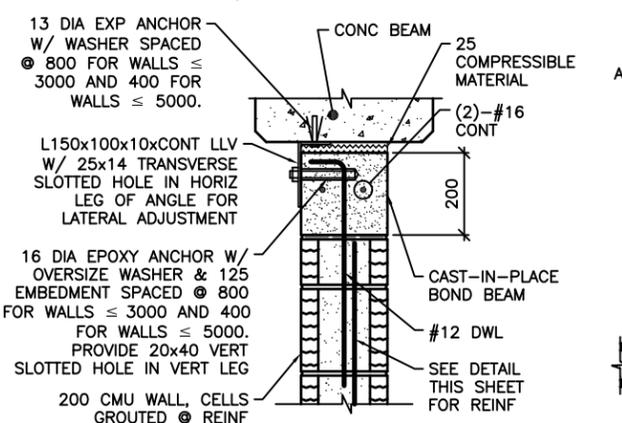
INTERIOR EQUIPMENT PAD DETAIL
SCALE: NTS



DETAIL NOTES:

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

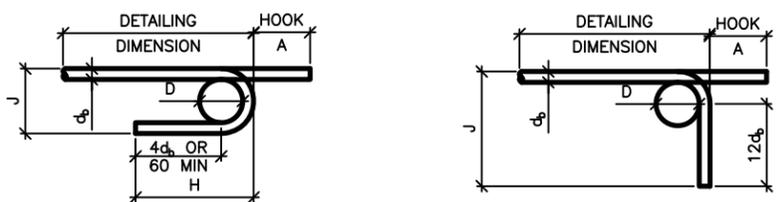
ADD'L CONCRETE REINFORCEMENT DETAILS
SCALE: NTS



NOTES:

- THIS DETAIL IS AN ALTERNATE TOP OF WALL ANCHORAGE DETAIL TO BE USED AT THE CONTRACTOR'S OPTION IN LIEU OF DETAILS SHOWN ON S-400 & S-500 DRAWINGS.
- CAST-IN-PLACE BOND BEAM SHOWN AT TOP OF WALL IS ALSO APPLICABLE FOR INTERMEDIATE AND STARTER COURSE BOND BEAMS WITHIN WALL.

ALTERNATE TOP OF CMU WALL BRACING DETAILS
SCALE: NTS



SIZES OF 180° HOOK

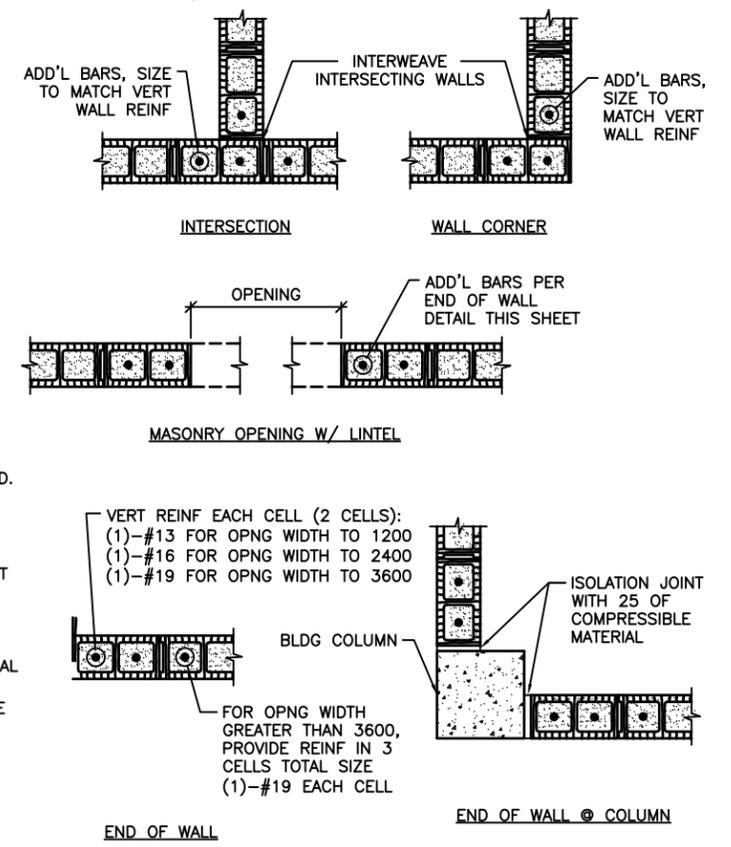
BAR SIZE	A	J	APPROX H
#10	130	80	100
#13	150	100	110
#16	180	130	130
#19	200	150	150
#22	250	180	180
#25	280	200	200
#29	380	290	260
#32	430	320	290
#36	480	360	320

D = 6d_b FOR #10-#25
D = 6d_b FOR #29-#36
d_b = BAR DIA

SIZES OF 90° HOOK

BAR SIZE	A	J
#10	140	150
#13	190	220
#16	230	270
#19	270	320
#22	320	370
#25	370	430
#29	420	480
#32	470	580
#36	520	610

TYP REINFORCEMENT BAR BENDING DETAILS
SCALE: NTS



NOTES:

- OPENING WIDTH SHALL NOT EXCEED 3600 FOR THIS TYPE OF JAMB.
- ALL CELLS FULLY GROUTED AT EXTERIOR WALLS. AT INTERIOR WALLS, ONLY GROUT CELLS CONTAINING REINF.

TYP CMU DETAILS
SCALE: NTS

DETAIL NOTES:

- CENTER VERT REINF IN WALL.
- GROUT ALL CMU CELLS IN EXTERIOR WALLS & REINFORCED CELLS IN INTERIOR WALLS.
- REFERENCE ARCH DWGS FOR JOINT INFORMATION
- DOWELS BETWEEN TOP BOND BEAM AND BEAM/SLAB ABOVE (INCLUDING EMBEDDED PIPE SLEEVE) NOT SHOWN FOR CLARITY. SEE SPECIFIC S-500 SERIES DWGS FOR INFO.
- FOR INFORMATION ON ALTERNATE CAST-IN-PLACE WALL BOND BEAMS, REFERENCE ALTERNATE TOP OF CMU WALL BRACING DETAILS THIS SHEET.

TYP CMU WALL REINF DETAIL
SCALE: NTS

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

US Army Corps of Engineers
AFGHANISTAN ENGINEER DISTRICT

DATE: _____ APPR: _____
DESCRIPTION: _____ MARK: _____

DESIGNED BY: _____ SOLICITATION NO: _____
DRAWN BY: _____ CONTRACT NO: _____
SUBMITTED BY: _____ PLOT SCALE: _____ FILE NUMBER: _____
PLOT DATE: _____ SIZE: _____ FILE NAME: _____
ANSI D: ADD20-FRU-ALT-S-701.DWG

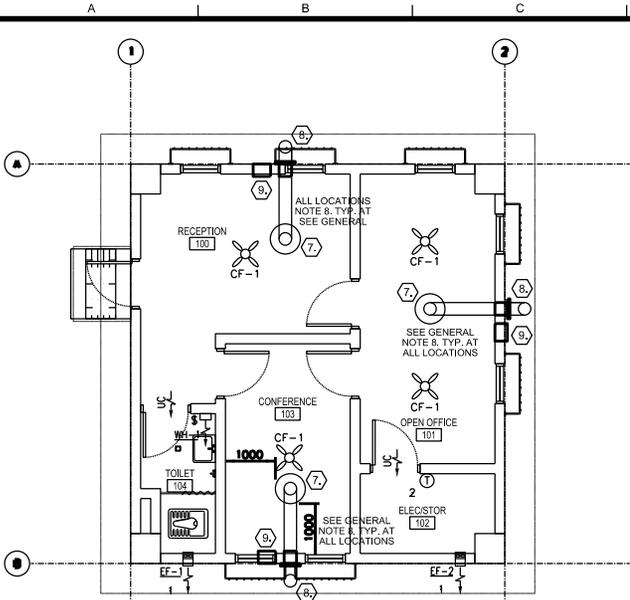
U.S. ARMY CORPS OF ENGINEERS
AFGHANISTAN DISTRICT
APO AE 09356

SITE ADAPT DESIGN
FAMILY RESPONSE UNIT OFFICES
AD20-FRU

TYPICAL DETAILS

SHEET IDENTIFICATION
S-701
SHEET 9 OF 31

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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 X 0130mm TRANSITION COLLAR, AND ONE Ø150mm X 0130mm 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

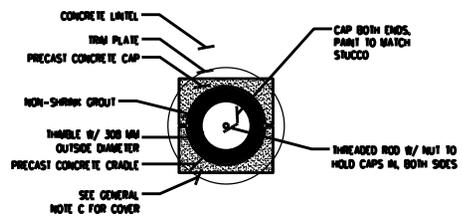
NOTE:
1. FANS SHALL HAVE SPRING OPERATED BACK DRAFT DAMPER.

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

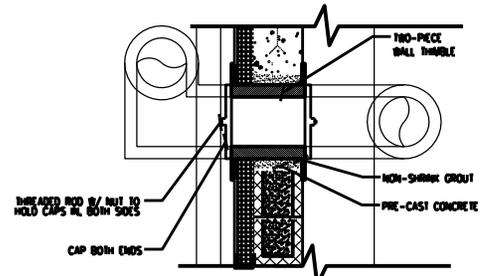
NOTES:
1. INSTALL FANS 2.5M AFF.
2. PROVIDE WITH OUT LIGHT FIXTURE.
3. PROVIDE WITH REMOTE MOUNTED ON-OFF SWITCH SHOWN ON ELECTRICAL DRAWINGS.

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

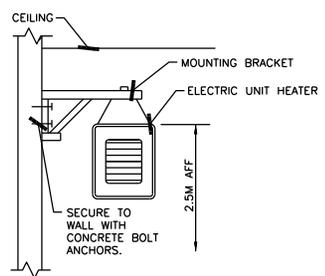
NOTES:
1. COORDINATE LOCATION AND ORIENTATION IN FIELD.



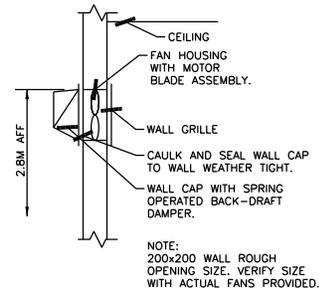
5 THIMBLE ELEVATION DETAIL
SCALE: 1:100



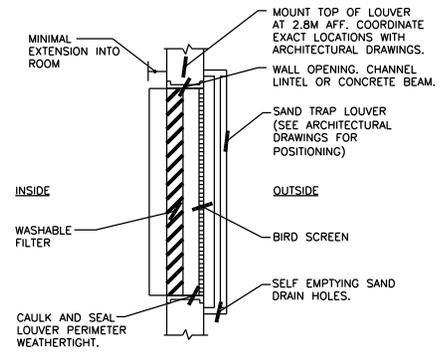
6 THIMBLE SECTION DETAIL
SCALE: 1:100



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:

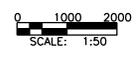
1. DO NOT SCALE DRAWINGS - ALL DIMENSIONS AND CONDITIONS SHALL BE CHECKED AND VERIFIED BY THE CONTRACTOR AT THE SITE.
2. ALL WORK PERFORMED ON THIS BUILDING SHALL BE IN COMPLIANCE WITH ALL PERTINENT CODES, RULES, ORDINANCES AND REGULATIONS OF THE GOVERNING AUTHORITIES.
3. ALL WORK PERFORMED UNDER AND 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



U.S. ARMY CORPS OF ENGINEERS
ENGINEERING CENTER
CHICKASAW BRANCH OFFICE

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

1 STORY BUILDING
FLOOR PLAN AND ROOF PLAN

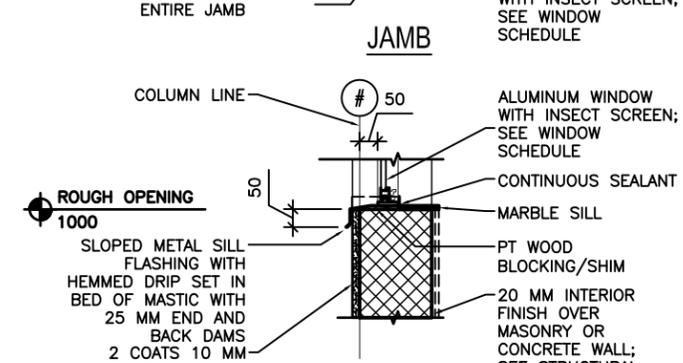
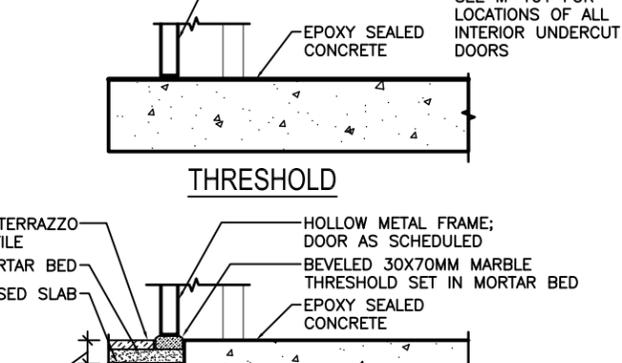
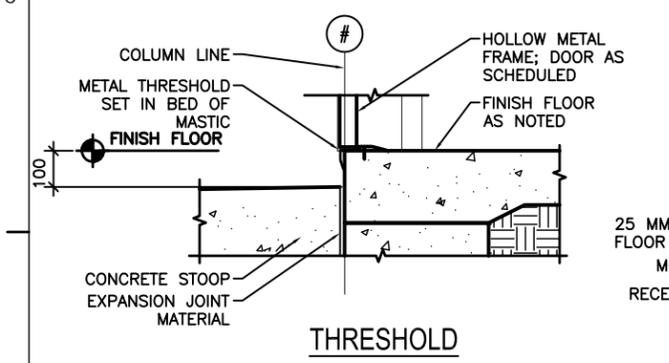
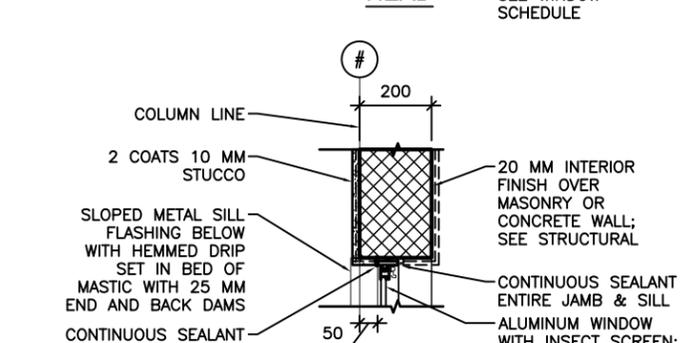
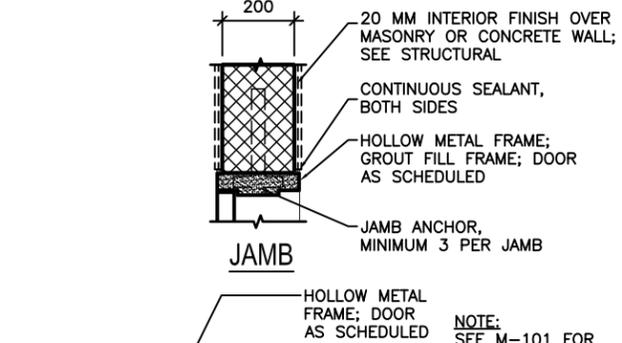
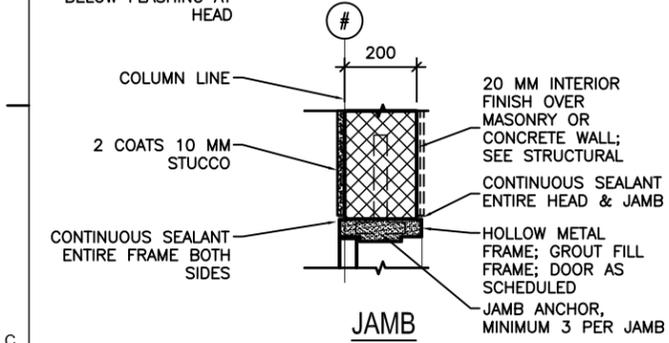
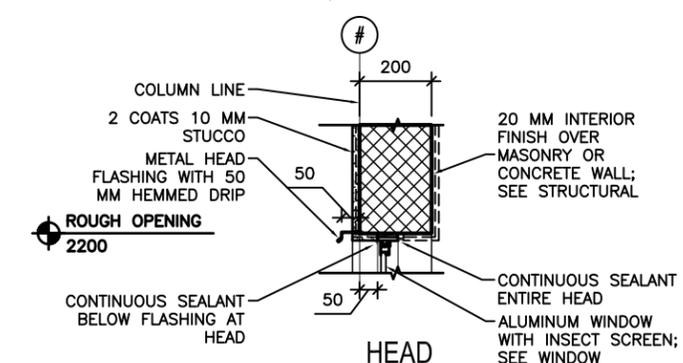
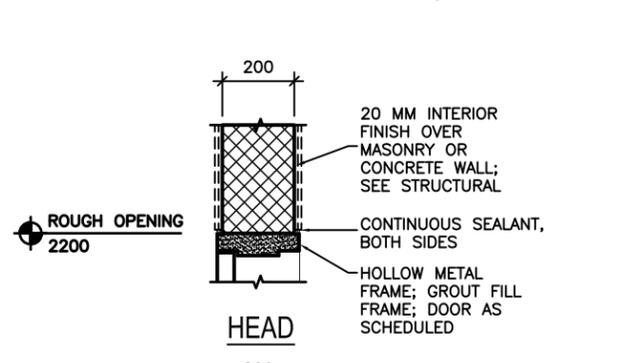
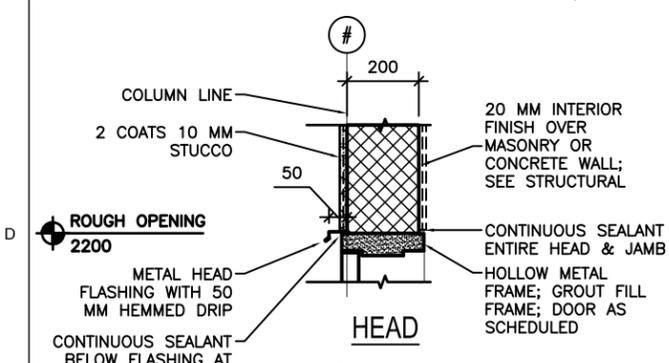
SHEET NUMBER:
M-101

GENERAL NOTES:

A. ALL EXTERIOR DOOR AND WINDOW WOOD BLOCKING SHALL BE PRESERVATIVE TREATED.



DATE:	SOLICITATION NO.:	CONTRACT NO.:
DESIGNED BY:	OWN BY:	FILE NUMBER:
AWN BY:	SUBMITTED BY:	ANSI D:
PLOT SCALE:	PLOT DATE:	FILE NAME:
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U.S. ARMY CORPS OF ENGINEERS	AFGHANISTAN DISTRICT	AFPO AE 09356
SITE ADAPT DESIGN	FAMILY RESPONSE UNIT OFFICES	AD20 - FRU
		HEAD, JAMB, & SILL DETAILS
SHEET IDENTIFICATION		
A-502		
SHEET 18 OF 31		



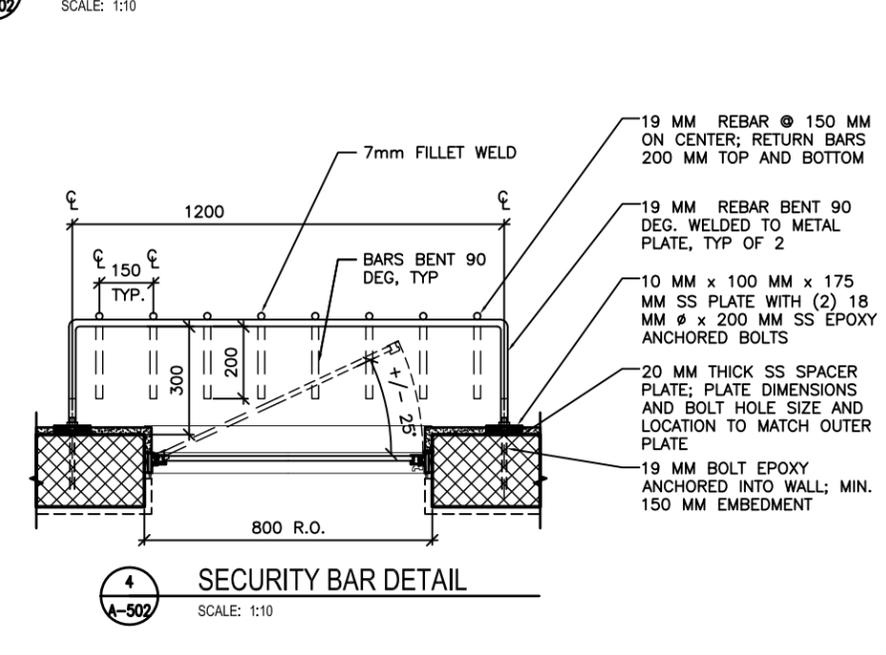
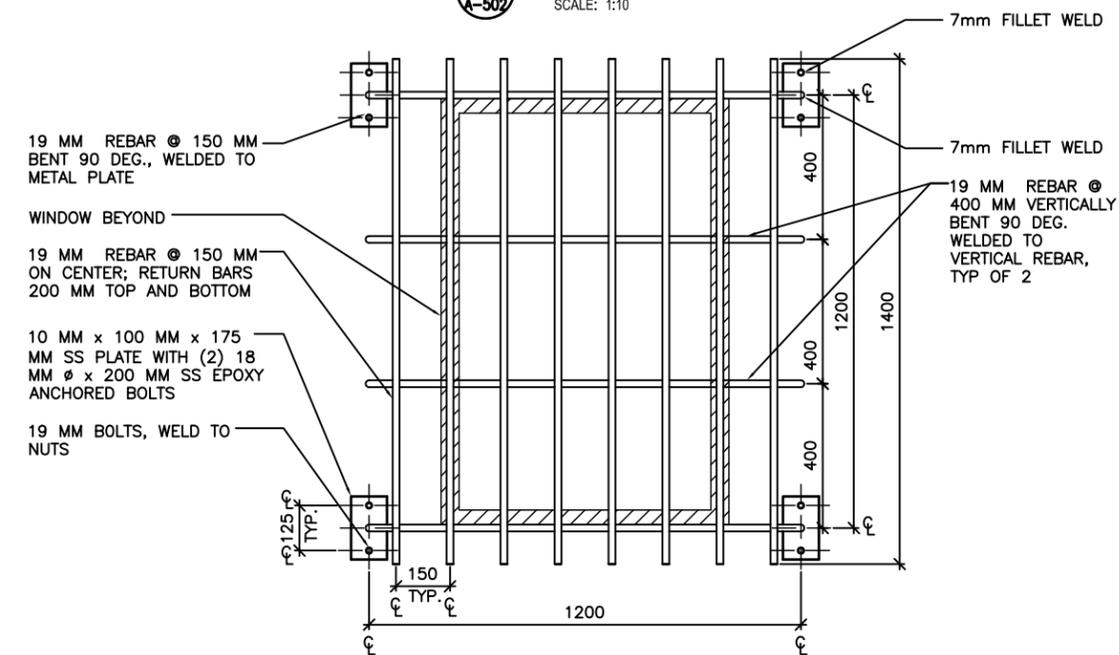
NOTE:
SEE M-101 FOR
LOCATIONS OF ALL
INTERIOR UNDERCUT
DOORS

1
A-502
EXTERIOR DOOR DETAILS
SCALE: 1:10

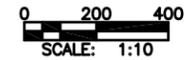
2
A-502
INTERIOR DOOR DETAILS
SCALE: 1:10

3
A-502
EXTERIOR WINDOW DETAILS
SCALE: 1:10

NOTES:
1. ALL SECURITY BAR
STEEL SHALL BE
HOT-DIPPED GALVANIZED.

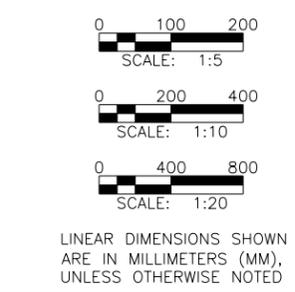
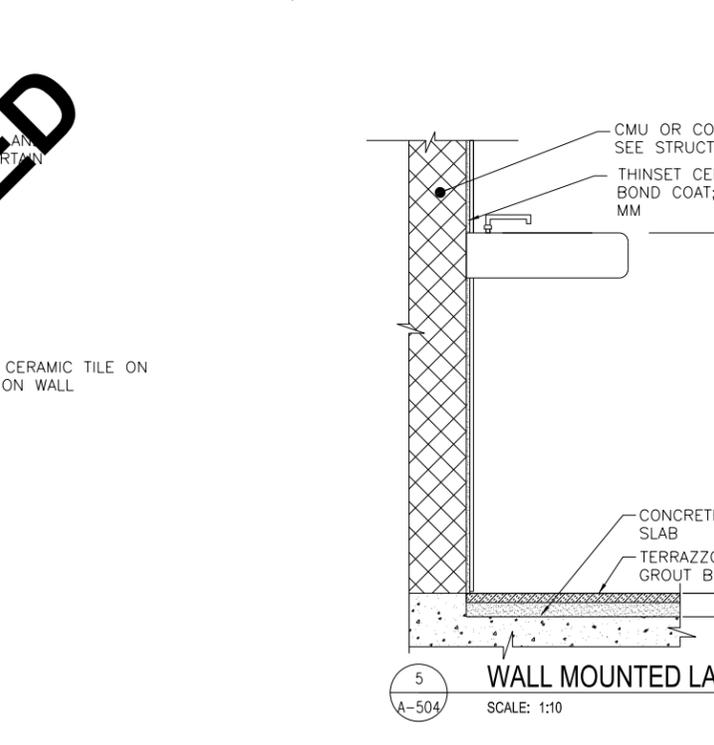
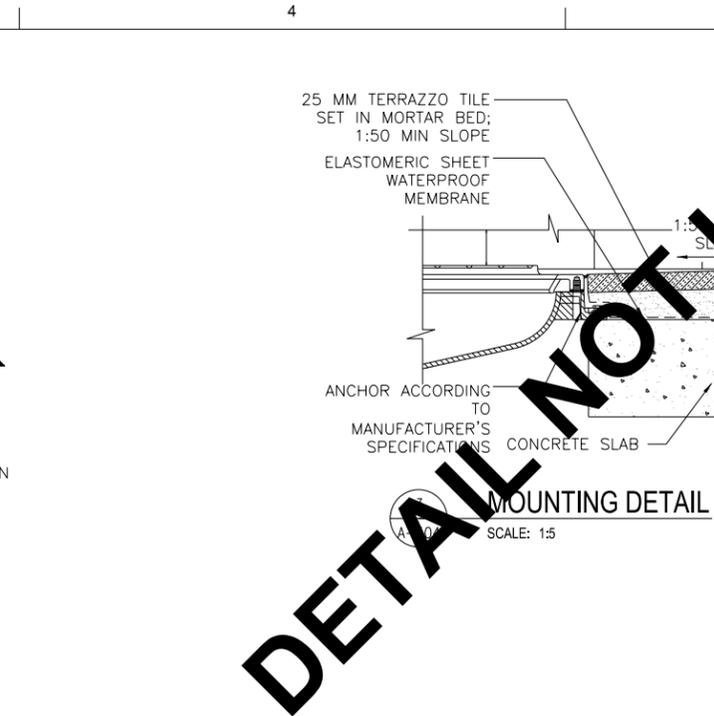
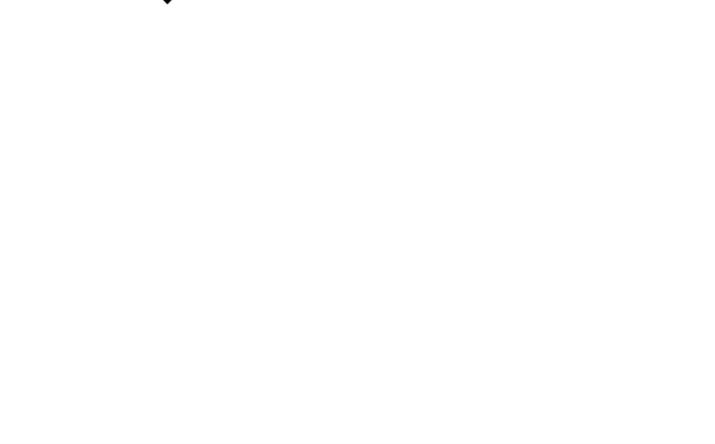
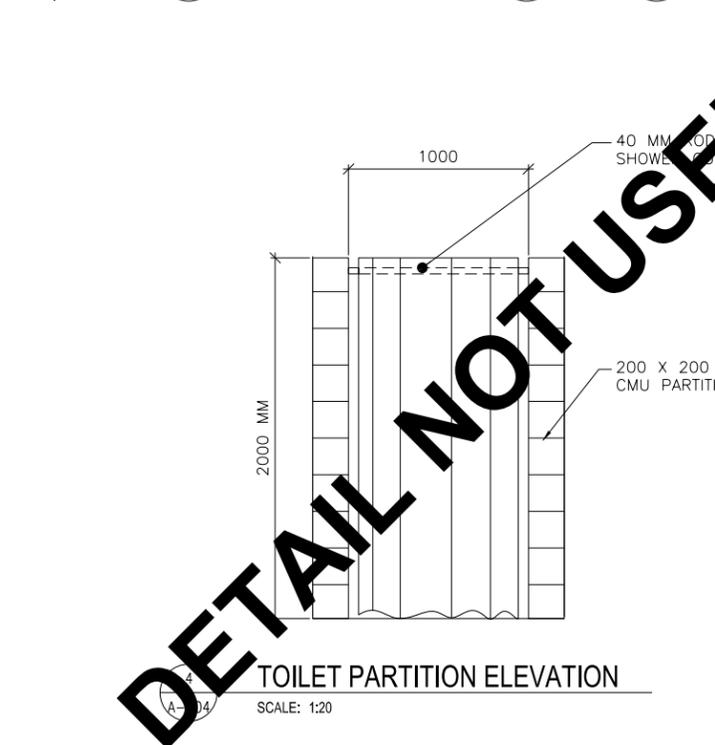
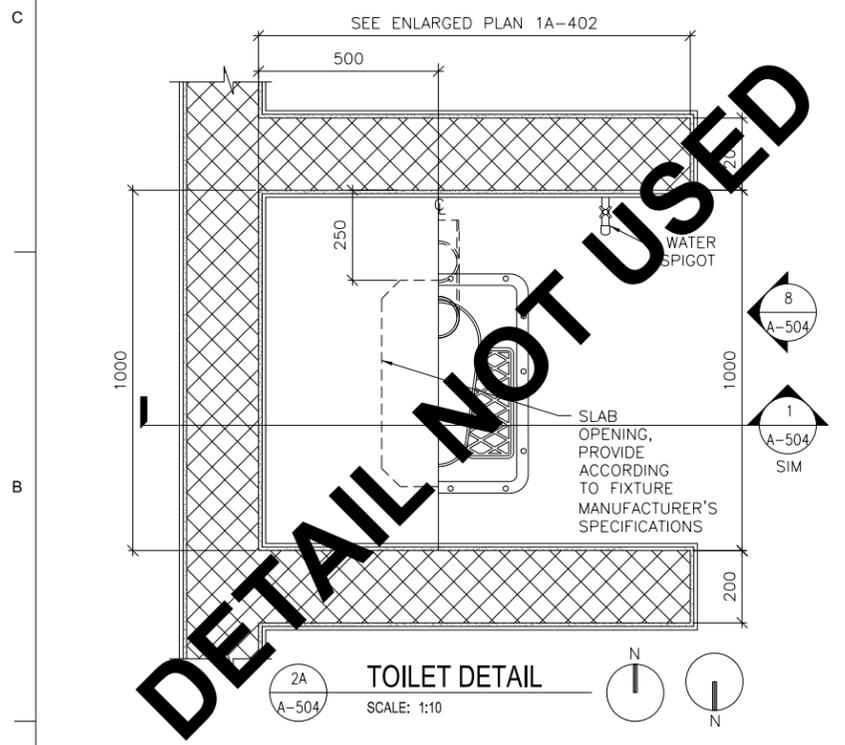
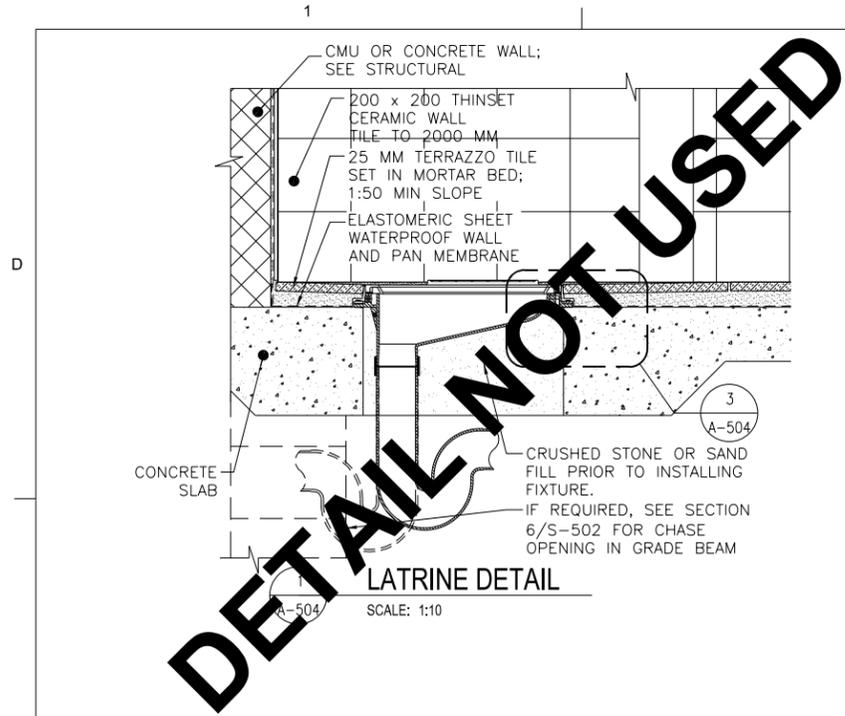


4
A-502
SECURITY BAR DETAIL
SCALE: 1:10



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

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US Army Corps of Engineers
AFGHANISTAN DISTRICT
ENGINEER DISTRICT

DATE	DESCRIPTION	APPR.	MARK

DESIGNED BY: U.S. ARMY CORPS OF ENGINEERS
DWN BY: AFGHANISTAN DISTRICT
SUBMITTED BY: APO AE 09356

DATE: SOLICITATION NO.:
CONTRACT NO.:
PLOT SCALE: 1:20
FILE NUMBER:
FILE NAME: A200-FRU-ALT-E-001.DWG
ANSID:

SITE ADAPT DESIGN
FAMILY RESPONSE UNIT OFFICES
A200-FRU

TOILET & LAVATORY DETAILS

SHEET IDENTIFICATION
A-504
SHEET 20 OF 31

