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**US Army Corps of Engineers**

APPROVED FOR SUBMITTAL	DATE
APPROVED FOR CONSTRUCTION	DATE
APPROVED FOR PERMITTING	DATE
APPROVED FOR BIDDING	DATE
APPROVED FOR CONTRACT AWARD	DATE
APPROVED FOR PROJECT CLOSEOUT	DATE

DESIGNED BY: ALAN WRIGHT	SCALE: 1/8" = 1'-0"	DRAWN BY: JULIE WOOD	SHEET NO. / TOTAL SHEETS: G-002.5 / 1
CHECKED BY: B. STREIBER	DATE: 06/14/2014	PROJECT NO. / CONTRACT NO. / DRAWING NO. / SHEET NO. / TOTAL SHEETS: 15648 / 15648 / 15648 / G-002.5 / 1	PROJECT NAME: BERNARD AND MCDONNELL 940 WARD PARKWAY FORT SMITH, ARKANSAS 72304

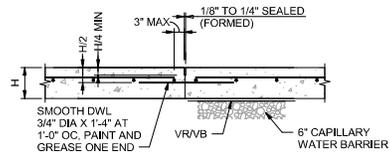
  

SHEET INDEX VOLUME 1

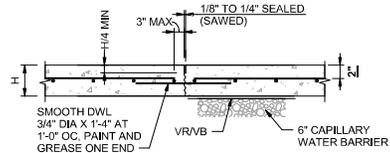
SHEET ID  
**G-002.5**

READY-TO-ADVERTISE (RTA) SUBMITTAL

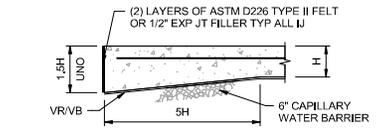




**CONSTRUCTION JOINT (CJ)**



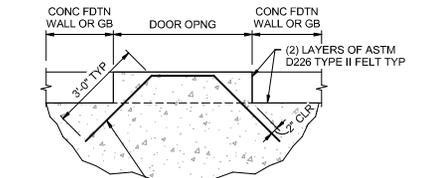
**CONTRACTION JOINT (CTJ)**



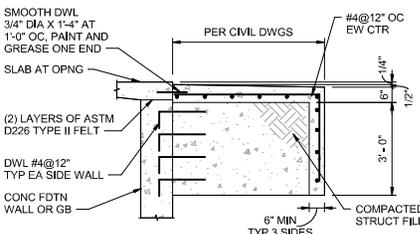
**ISOLATION JOINT (IJ) AT SLAB EDGE**

**NOTES:**  
 1. DISCONTINUE REINFORCEMENT AT JOINT, UNLESS NOTED OTHERWISE.  
 2. MUD SLAB NOT SHOWN. MUD SLAB IS CONTINUOUS UNDER THESE JOINTS WHERE APPLICABLE.

**E6 SLAB ON GRADE JOINTS**  
SCALE: NTS



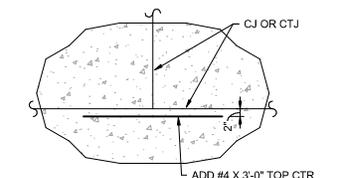
**A6 SLAB REINFORCING AT DOOR OPENING**  
SCALE: NTS



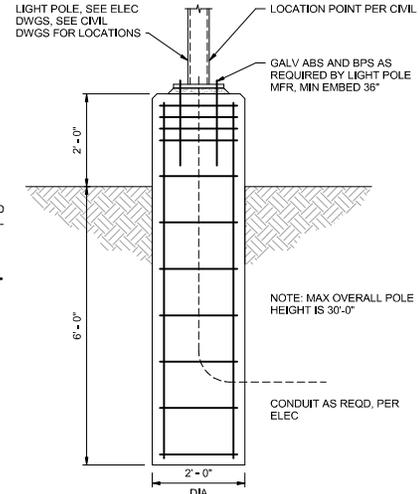
**L11 EXTERIOR DOOR STOOP**  
SCALE: NTS



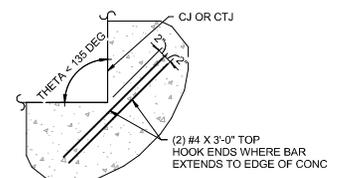
**H11 SLAB JOINT**  
SCALE: NTS



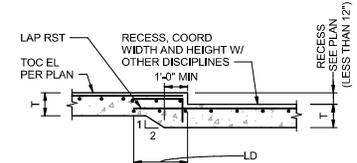
**E11 ADD BARS AT DISCONTINUOUS JOINTS**  
SCALE: NTS



**H15 TYPICAL LIGHT POLE FOUNDATION**  
SCALE: NTS



**E15 RE-ENTRANT CORNER BARS IN SLAB**  
SCALE: NTS



**NOTES:**  
 1. PROVIDE DIAGONAL #4X3'-0\"/>

**A11 SLAB RECESS**  
SCALE: NTS



US Army Corps of Engineers

DATE	DESCRIPTION
1	AM007-REVISED UNRESERVED DETAIL
2	AM007-REVISED UNRESERVED DETAIL
3	AM007-REVISED UNRESERVED DETAIL
4	AM007-REVISED UNRESERVED DETAIL
5	AM007-REVISED UNRESERVED DETAIL
6	AM007-REVISED UNRESERVED DETAIL
7	AM007-REVISED UNRESERVED DETAIL
8	AM007-REVISED UNRESERVED DETAIL
9	AM007-REVISED UNRESERVED DETAIL
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20	AM007-REVISED UNRESERVED DETAIL

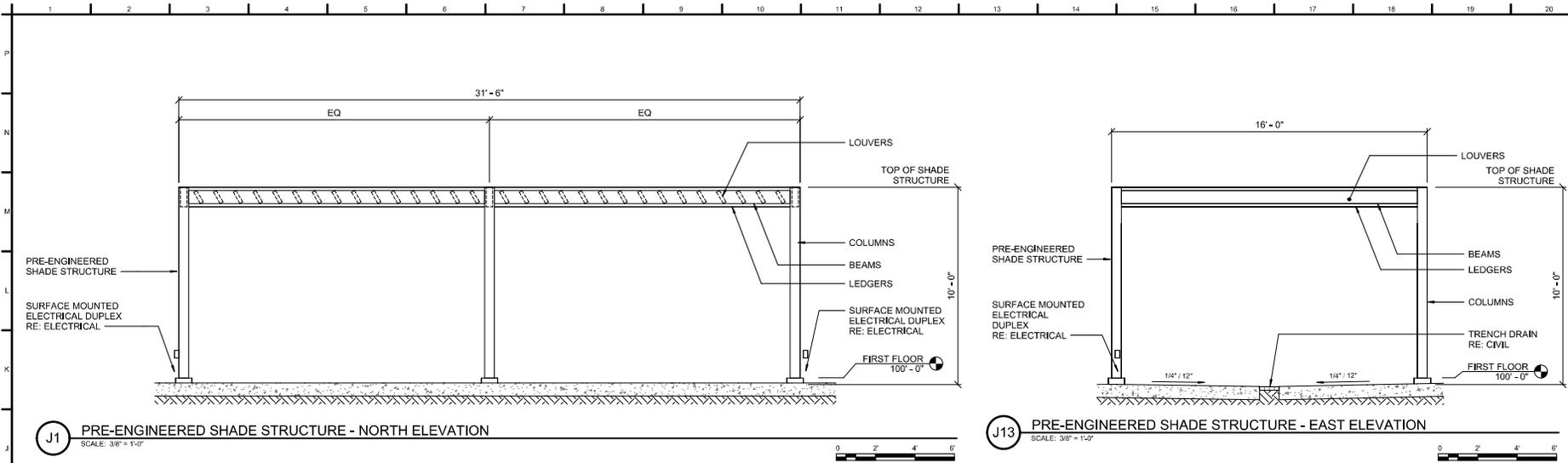
DESIGNED BY:	USE OF DATE
DRAWN BY:	DATE
CHECKED BY:	CONTRACT NO.
IN CHARGE:	CONTRACT NO.
FILE NAME:	FILE NAME:
NSID:	NSID:

US ARMY CORPS OF ENGINEERS  
 1111 SOUTH GUYTON AVENUE  
 LITTLE ROCK, ARKANSAS 72202-4399  
 BURNS AND MCDONNELL  
 9400 WARD PARKWAY  
 GARDEN CITY, MISSOURI 64114  
 184538



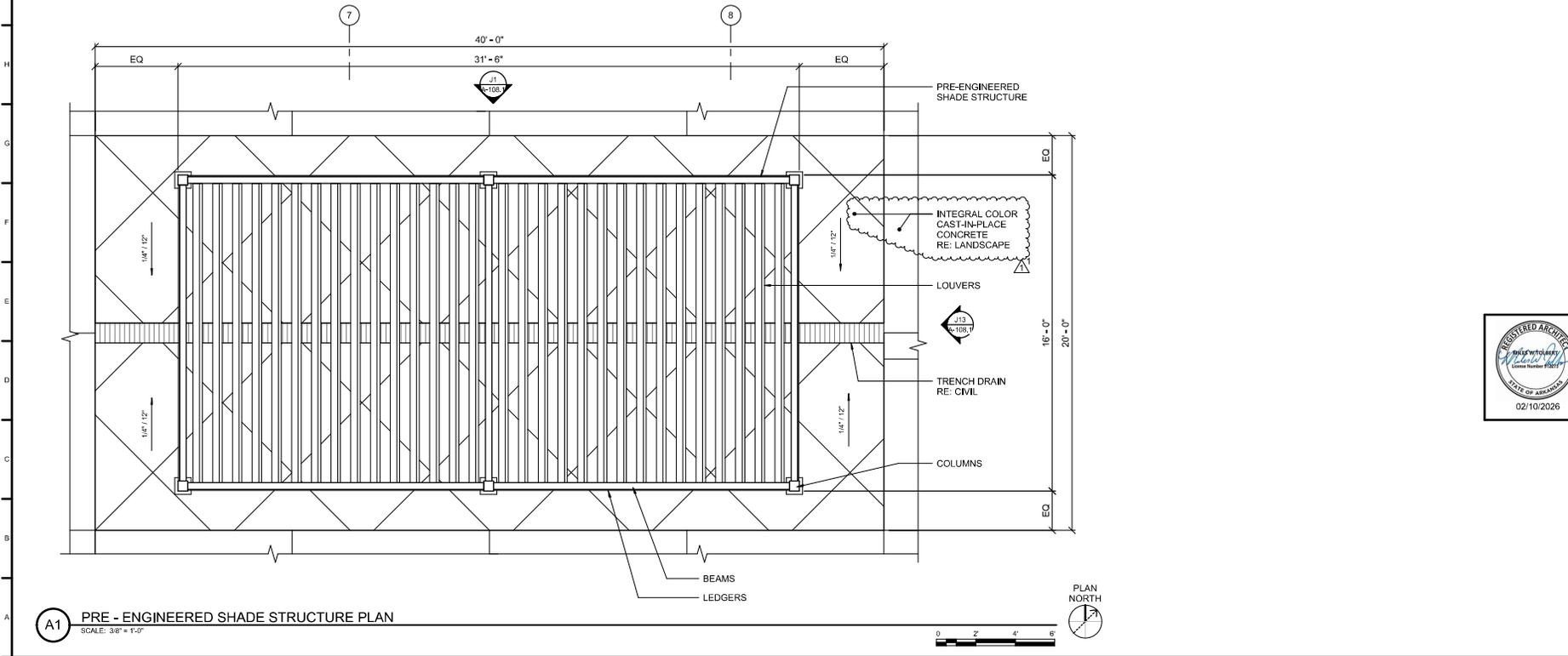
SHEET ID  
**S-502.1**





**J1** PRE-ENGINEERED SHADE STRUCTURE - NORTH ELEVATION  
SCALE: 3/8" = 1'-0"

**J13** PRE-ENGINEERED SHADE STRUCTURE - EAST ELEVATION  
SCALE: 3/8" = 1'-0"



**A1** PRE - ENGINEERED SHADE STRUCTURE PLAN  
SCALE: 3/8" = 1'-0"



NO.	DATE	DESCRIPTION
1	02/10/2026	ISSUED FOR PERMITS

DESIGNED BY:	W. J. BERRY
CHECKED BY:	B. J. BERRY
DATE:	02/10/2026
PROJECT:	F-35 SPECIAL ACCESS PROGRAM FACILITY
LOCATION:	EGGING AR NATIONAL GUARD BASE (ANGB), FORT SMITH, ARKANSAS
CONTRACT NO.:	W77524F007
CONTRACT P&S:	W77524F007
PROJECT NO.:	18458
DATE:	02/10/2026

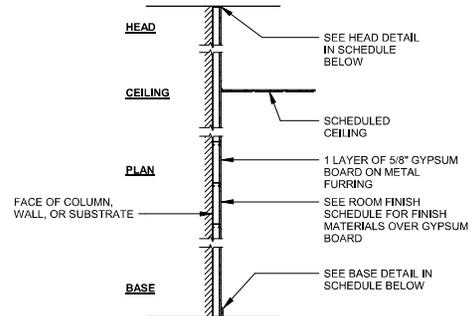


PROJECT:	F-35 SPECIAL ACCESS PROGRAM FACILITY
LOCATION:	EGGING AR NATIONAL GUARD BASE (ANGB), FORT SMITH, ARKANSAS
CONTRACT NO.:	W77524F007
CONTRACT P&S:	W77524F007
PROJECT NO.:	18458
DATE:	02/10/2026

SHEET ID  
**A-108.1**

READY-TO-ADVERTISE (RTA) SUBMITTAL

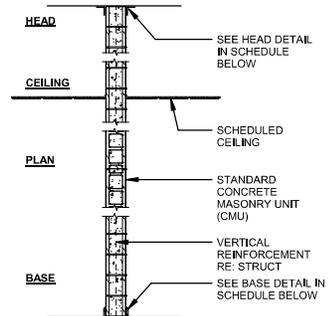
**PARTITION TYPE F1**



TYPE	STC RATING	STC TEST	FIRE RATING	UL DESIGN NO	HEAD DETAIL	BASE DETAIL	TYPE COMMENTS
F1AA	-	-	-	-	K2/A-511	A12/A-512	7/8" FURRING STRIPS AT 24" O.C., HORIZONTALLY
F1CA	-	-	-	-	F2/A-511	A12/A-512	2 1/2" FURRING STUDS AT 16" O.C., VERTICALLY, PARTIAL HEIGHT WALL
F1CB	STC-45*	-	-	-	K2/A-511	A12/A-512	2 1/2" FURRING STUDS AT 16" O.C., VERTICALLY
F1CD	STC-50*	-	-	-	K2/A-511	A12/A-512	1 LAYER OF 5/8" GYPSUM BOARD ON 2-1/2" FURRING STUD AT 16" O.C., VERTICALLY, ADHERE RF SHIELDING RADIANT BARRIER TO FACE OF CMU WITH ADHESIVE. TAPE ALL SEAMS TIGHT. REFER TO DETAIL H10 / GJ510.
F1CE	-	-	-	-	K2/A-511	A12/A-512	2 1/2" FURRING STUDS AT 16" O.C., VERTICALLY, EXTEND UP TO DECK, AIR SPACE BETWEEN BACK-UP WALL AND BACK OF METAL STUD, FINISH FACE OF WALL TO ALIGN WITH FINISH FACE OF ADJACENT FURRING WALL.

\* FURRING PARTITIONS SHOWN AS STC RATED ARE PAIRED WITH OTHER SIMILAR STC RATED PARTITIONS TO ACHIEVE STC VALUE INDICATED.

**PARTITION TYPE M1**



TYPE	STC RATING	STC TEST	FIRE RATING	UL DESIGN NO	HEAD DETAIL	BASE DETAIL	TYPE COMMENTS
M1CB	-	-	60 MIN	U905	A7/A-511	A7/A-512	8" NOMINAL MASONRY
M1CD	STC-50	-	-	-	A7/A-511	A7/A-512	8" NOMINAL MASONRY

\* MINIMUM STC VALUE. VALUE IS BASED ON NORMAL WEIGHT, FULLY GROUTED CMU.

**LEGEND**

INDICATES TYPE OF PARTITION STRUCTURE:  
 F = FURRING METAL STUD  
 S = METAL STUD  
 H = C-H METAL STUD  
 M = MASONRY

INDICATES THICKNESS OF PARTITION STRUCTURE

PARTITION TYPE SYMBOL: **S1AA**

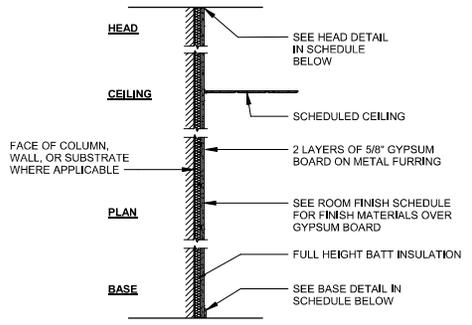
INDICATES NUMBER OF LAYERS OF GYPSUM BOARD OR TYPE OF CMU FINISH

INDICATES VARIATION OF PARTITION WITH THE SAME STRUCTURE, FINISH, AND STRUCTURE THICKNESS

**GENERAL SHEET NOTES**

- WHERE STRUCTURAL MEMBERS PENETRATE FIRE-RATED GYPSUM BOARD WALLS, TAPE & SEAL WITH FIRE STOPPING SEALANT. WHERE STRUCTURAL MEMBERS PENETRATE FIRE-RATED CMU OR CONCRETE WALLS, SEAL WITH FIRE STOPPING SEALANT. WHERE STRUCTURAL MEMBERS PENETRATE STC (ACOUSTICALLY RATED WALLS), SEAL WITH ACOUSTICAL SEALANT.
- PROVIDE MINIMUM 20 GAUGE METAL BACKING AS REQUIRED FOR INSTALLATION OF EXTINGUISHER CABINETS, MESSAGE BOARDS, TOILET ACCESSORIES, TOILET PARTITIONS, WALL AND BASE CABINETS, ACCESS PANELS, ELECTRICAL AND FIRE PROTECTION SYSTEM PANELS, UNLESS NOTED OTHERWISE.
- ALL METAL STUDS AND BRACING MUST BE 16 GAUGE UNLESS NOTED OTHERWISE. REFERENCE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
- REFERENCE FLOOR PLANS FOR PARTITION TYPE LOCATIONS.
- BRACE ALL METAL STUD PARTITIONS IN ACCORDANCE WITH ASTM C754 WITH A MINIMUM L/240 DEFLECTION LIMIT AND A MINIMUM 5 PSF LATERAL PRESSURE.
- ALL PARTITIONS DESIGNATED AS STC-50 (MINIMUM) MUST BE SUBJECT TO TESTING TO DETERMINE STC VALUES.
- SEE DRAWING A-521 FOR TYPICAL PENETRATION DETAILS THROUGH FIRE-RATED PARTITIONS.
- FOR ALL GYPSUM BOARD PARTITIONS DESIGNATED AS STC-45 (SH1) THROUGH TRANSMISSION CLASS-45), AT MINIMUM, PROVIDE ONE LAYER OF MINIMUM THICKNESS 5/8" MOLD RESISTANT/ANTI-MICROBIAL TYPE "X" DRYWALL APPLIED TO EACH SIDE OF 3 5/8" METAL STUDS AS REQUIRED BY PARTITION TYPE BUT NO GREATER THAN 24" OC WITH "1" TYPE "S1" DRYWALL SCREWS 7" OC TO EDGE OF VERTICAL JOINTS AND 12" OC TO INTERMEDIATE STUD. ADDITIONAL FACE LAYER (OR LAYERS IF 2 LAYERS APPLIED EACH SIDE FOR STC-50 WALLS) IS 5/8" MOLD RESISTANT/ANTI-MICROBIAL TYPE "X" DRYWALL APPLIED ON ONE OR BOTH SIDES, ATTACHED WITH 1 3/8" TYPE "S1" DRYWALL SCREWS 8" OC TO EDGES AND SIDES AND 12" OC TO INTERMEDIATE STUDS STAGGER JOINTS 24" OC EACH LAYER AND SIDE MINIMUM 3 1/2" OF GLASS FIBER INSULATION IN CAVITY.
- PROVIDE GLASS MAT WATER RESISTANT BACKING BOARD OR CEMENTITIOUS BACKING BOARD AT ALL WET LOCATIONS.
- ALL GYPSUM BOARD MUST HAVE THE SAME FINISH LEVEL (AND BE PAINTED) TO ENTIRE HEIGHT OF WALL, INCLUDING AREAS NOT NORMALLY SUBJECT TO VIEW. RE: SPECIFICATIONS
- THE RF SHIELDING SYSTEM MUST BE CONTINUOUS, AND CONTINUOUSLY LAPPED AND SEALED IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS SUCH THAT THERE IS NO BREAK IN RF SHIELDING PROTECTION. PROVIDE CONTINUOUS RF SHIELDING AROUND ALL PENETRATIONS AND EXTEND SHIELDING NOT LESS THAN 8" ONTO PENETRATING ITEM (CONDUIT, DUCTWORK, ETC). FIRMLY AFFIX SHIELDING TO PENETRATING ITEM BY MEANS OF SHIELDING MANUFACTURER'S INSTALLATION INSTRUCTIONS. ALL FASTENERS THAT PENETRATE THE RF SHIELDING SYSTEM MUST BE COMPATIBLE. REFERENCE SPECIFICATION SECTION 13.49.20.00 10 RF SHIELDING.
- ALL GYPSUM SHEATHING MUST BE MOLD RESISTANT/ ANTI-MICROBIAL. SEE NOTE 9 FOR WET LOCATIONS.
- SECURE INSULATION IN STUD CAVITY TO AVOID COMPRESSION OR SLIPPAGE.
- WHERE MULTIPLE LAYERS OF GYPSUM BOARD ARE USED, STAGGER JOINTS BETWEEN LAYERS OF GYPSUM BOARD.
- WHERE CONTINUOUS RF SHIELDING RADIANT BARRIER IS IN A WALL ADJACENT TO DOOR FRAME, THE RADIANT BARRIER MUST LAP BEHIND DOOR FRAME AND BE ATTACHED TO BACK OF DOOR FRAME.
- EXTEND GYPSUM BOARD PANELS ON STC-RATED AND/OR FIRE-RESISTIVE PARTITIONS CONTINUOUS THROUGH INTERSECTIONS WITH NON-RATED PARTITIONS TO MAINTAIN ASSEMBLY RATING.
- AT NON-RATED INTERIOR AND EXTERIOR WALL ASSEMBLIES, SEAL PERIMETER JOINTS, PENETRATIONS, AND VOIDS WITH LATEX ACOUSTICAL JOINT SEALANT. AT STC-RATED PARTITIONS, ADDITIONALLY PROVIDE CONTINUOUS BEADS OF LATEX ACOUSTICAL JOINT SEALANT BENEATH RUNNER TRACKS AND EACH LAYER OF GYPSUM BOARD.
- AT FIRE-RATED PARTITIONS, SEAL PERIMETER JOINTS, PENETRATIONS, AND VOIDS WITH PAINTABLE FIRE-RESISTIVE SYSTEMS TO MATCH PARTITION RATING.
- ACOUSTICAL SEALANT TESTED AS A PORTION OF THE STC RATED WALL ASSEMBLIES ACCORDING TO ASTM 90.
- USE MOLD RESISTANT GYPSUM BOARD IN LOCKER ROOMS AND RESTROOMS AREAS NOT LOCATED ON A WET WALL.

**PARTITION TYPE F2**



TYPE	STC RATING	STC TEST	FIRE RATING	UL DESIGN NO	HEAD DETAIL	BASE DETAIL	TYPE COMMENTS
F2DA	STC-50*	-	-	-	F12/A-511	A12/A-512	3 5/8" FURRING STUDS AT 16" O.C., VERTICALLY
F2EA	STC-50*	-	-	-	F12/A-511	A12/A-512	6" FURRING STUDS AT 16" O.C., VERTICALLY

\* FURRING PARTITIONS SHOWN AS STC RATED ARE PAIRED WITH OTHER SIMILAR STC RATED PARTITIONS TO ACHIEVE STC VALUE INDICATED.



DATE	
REVISION	
NO.	
DESCRIPTION	
DATE	
REVISION	
NO.	
DESCRIPTION	
DATE	
REVISION	
NO.	
DESCRIPTION	

DESIGNED BY:	DATE:
DRAWN BY:	SCALE:
CHECKED BY:	PROJECT NO.:
IN CHARGE:	DATE:
DATE:	PROJECT NO.:
DATE:	PROJECT NO.:



US ARMY CORPS OF ENGINEERS  
 9800 WARD PARKWAY  
 FORT SAMPSON, ARKANSAS 72543

PROJECT NO. 15K538

DATE: 02/10/2026

STATE OF ARKANSAS

SHEET ID  
**A-502.1**

READY-TO-ADVERTISE (RTA) SUBMITTAL

FIRST FLOOR - AREA A	
NO	NAME
201	CORRIDOR
202	COMMAND SUPPORT STAFF
203	ACTIVITY PROGRAM COORDINATOR (APC) / RESOURCE ADVISOR (RA)
204	SQUADRON COMMANDER OFFICE
205	CONFERENCE ROOM
206	INTERNATIONAL MILITARY STUDENT OFFICER (IMSO)
207	SNR M-1
208	SNR M-2
209	SNR M-3
211	RA
212	COPY / STORAGE
213	STUDENT COLLAB
214	LG BRIEFING RM

FIRST FLOOR - AREA A	
NO	NAME
215	AV
216	COMM
217	STUDENT LOCKERS
218	WOMEN'S RESTROOM
219	MEN'S RESTROOM
221	JANITOR'S CLOSET
222	STUDENT WORKSTATIONS
223	INSTRUCTOR WORKSTATIONS
224	MISSION OPS SUPPORT
225	CORRIDOR
226	IP M-1
227	IP M-2
228	CORRIDOR
229	BREAK ROOM

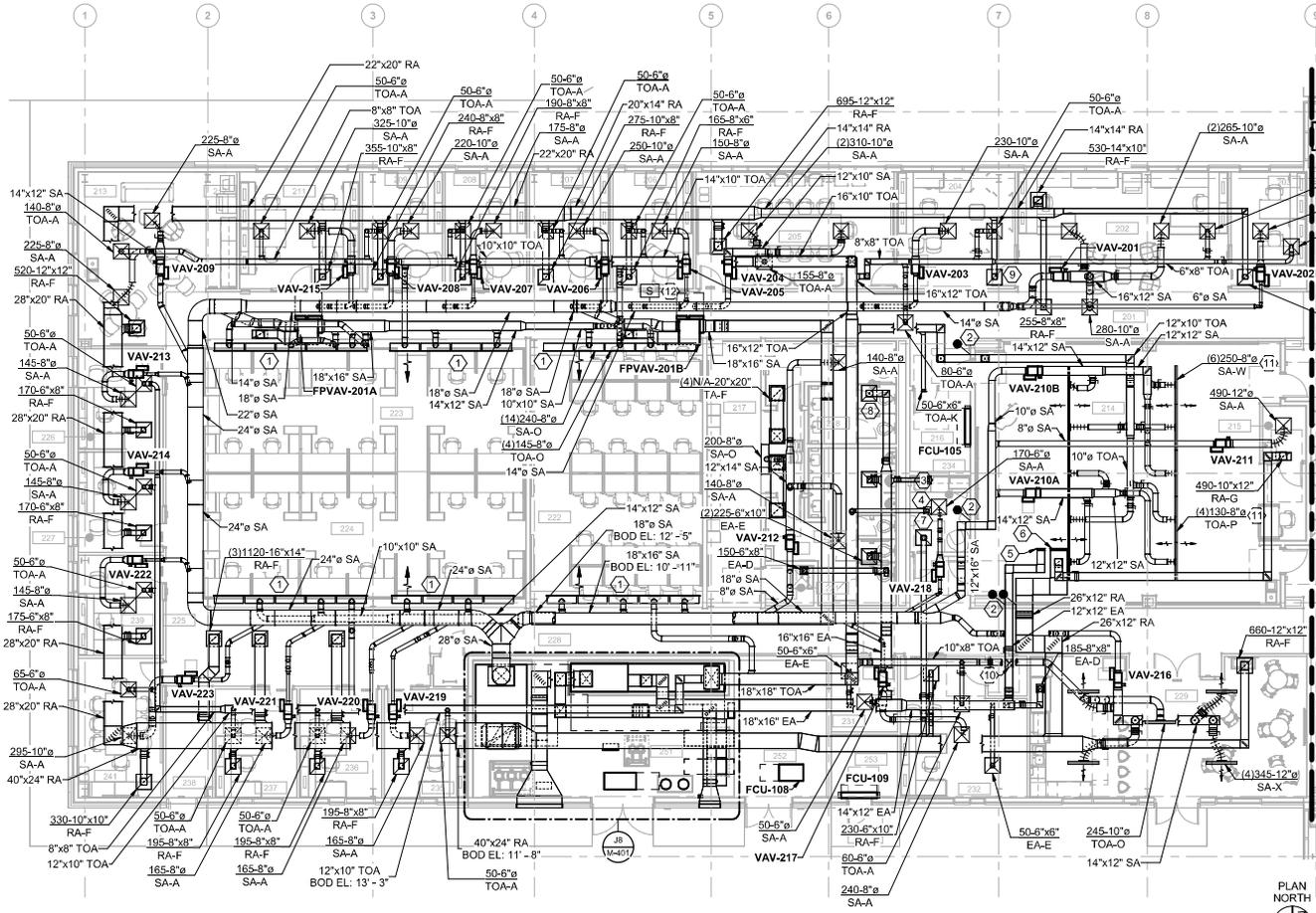
FIRST FLOOR - AREA A	
NO	NAME
232	FLIGHT MEDICAL OFFICE-1
234	MOTHER'S ROOM
235	IP M-6
236	IP M-5
237	IP M-4
238	CORRIDOR
239	IP M-3
241	TEAM
251	MECHANICAL
252	ELECTRICAL
253	FIRE

**GENERAL SHEET NOTES**

- SEE SHEET M-001 FOR GENERAL NOTES, LEGEND, SYMBOLS, AND ABBREVIATIONS.
- SEE MECH PIPING PLANS FOR THE THERMOSTAT AND OTHER CONTROL DEVICE LOCATIONS.
- DUCT SIZE TO VAV AND FVAV BOXES TO BE SAME AS NECK SIZE SHOWN IN VAV AND FVAV SCHEDULES ON SHEET M-603 UNLESS NOTED OTHERWISE.
- DUCT SIZE TO DIFFUSERS, REGISTERS AND GRILLES TO BE SAME SIZE AS NECK SIZE SHOWN ON AIR DISTRIBUTION DEVICE TAG UNLESS NOTED OTHERWISE.

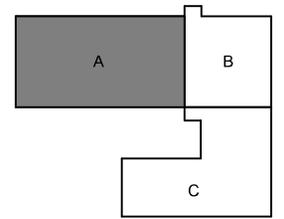
**SHEET KEYNOTES**

- PROVIDE CONTINUOUS SLOT DIFFUSERS AS INDICATED. BLANK OFF UNUSED DIFFUSERS. COORDINATE DIFFUSER LOCATIONS WITH SOUND ATTENUATING PANELS. COORDINATE WITH ARCHITECTURE.
- PROVIDE SECURITY BARS AND Z-BEND AT PENETRATION. SEE DETAILS A1 & G2M-503 FOR REQUIREMENTS.
- 60-x6 EA-E
- 50-x6 TOA-A
- 500-12x12 EA-A
- 1500-24x18 RA-M
- 170-8x6 RA-F
- 380-10x10 EA-E
- 255-8x8 RA-F
- 50-x6 EA-D BALANCING DAMPER IN VERTICAL DUCT.
- LINEAR SLOT DIFFUSERS MOUNTED ON SLOPED CEILING. COORDINATE CEILING HEIGHT AND SLOPE WITH ARCHITECTURE.
- INSTALL DUCT STATIC PRESSURE IN ROUND SUPPLY AIR DUCT TO SERVE AHU-102 SUPPLY FAN CONTROL.



**A1 FIRST FLOOR - HVAC PLAN - AREA A**  
SCALE: 1/8" = 1'-0"

**KEY PLAN**



PROJECT NO.	15-25241-0001
CONTRACT NO.	W1725241007
DATE	06/14/14
DESIGNER	1525241-00
MARKS	1525241-00

DESIGNED BY	BLANKENBEE
DRAWN BY	BLANKENBEE
CHECKED BY	BLANKENBEE
IN CHARGE	BLANKENBEE
FILE NAME	1525241-00



F-35 SPECIAL ACCESS PROGRAM FACILITY  
ENGINEER NATIONAL GUARD BASE (ANGB), FORT SMITH, ARKANSAS  
FIRST FLOOR - HVAC PLAN - AREA A  
SHEET ID  
M-102.1

READY-TO-ADVERTISE (RTA) SUBMITTAL

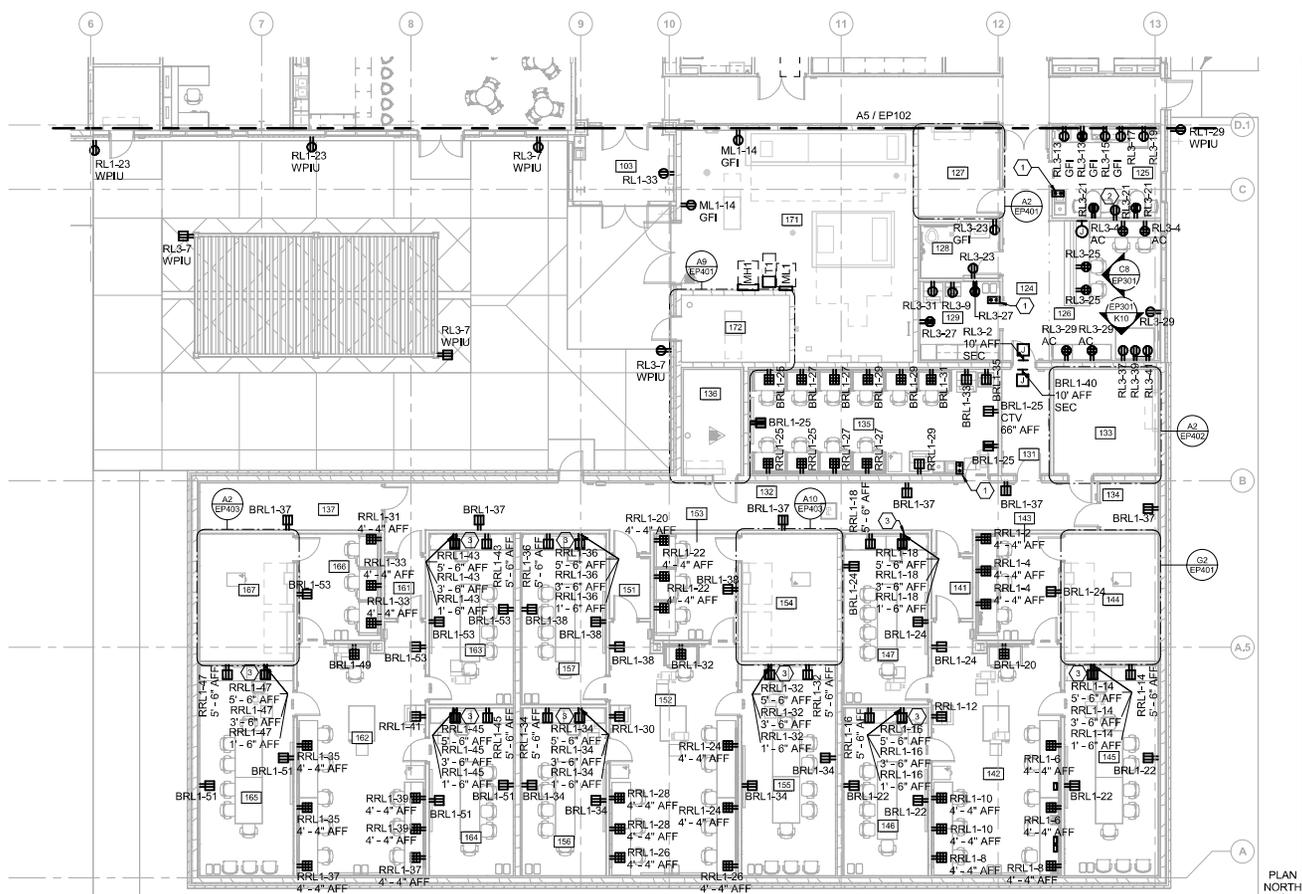




ROOM SCHEDULE - AREA C	
NAME	NUMBER
VESTIBULE	103
CORRIDOR	124
BREAK ROOM	125
MAINT DEBRIEF	126
MAIN COMM ROOM	127
UNISEX RESTROOM	128
PRINT / COPY	129
MAN TRAP	131
CORRIDOR	132
SECURE COMM ROOM	133
STORAGE	134
SECURITY	135
SECURE ELEC ROOM	136

ROOM SCHEDULE - AREA C	
NAME	NUMBER
STORAGE	137
MAN TRAP 1	141
VAULT 1 MISSION PLANNING	142
VAULT 1 ALIS / ODIN	143
VAULT 1 SERVER	144
VAULT 1 LG BRIEF	145
VAULT 1 SM BRIEF	146
VAULT 1 SM BRIEF	147
MAN TRAP 2	151
VAULT 2 MISSION PLANNING	152
VAULT 2 ALIS / ODIN	153
VAULT 2 SERVER	154

ROOM SCHEDULE - AREA C	
NAME	NUMBER
VAULT 2 LG BRIEF	155
VAULT 2 SM BRIEF	156
VAULT 2 SM BRIEF	157
MAN TRAP 3	161
VAULT 3 MISSION PLANNING	162
VAULT 3 SM BRIEF	163
VAULT 3 SM BRIEF	164
VAULT 3 LG BRIEF	165
VAULT 3 ALIS / ODIN	166
VAULT 3 SERVER	167
MECHANICAL ROOM	171
ELECTRICAL ROOM	172



**A2** FIRST FLOOR POWER PLAN - AREA C  
SCALE: 1/8" = 1'-0"

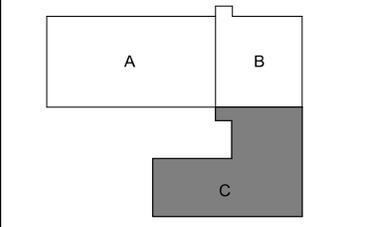
**GENERAL SHEET NOTES**

- REFER TO SHEETS E-001 AND E-002 FOR LEGEND, GENERAL NOTES, AND ABBREVIATIONS.
- ALL CONDUCTORS MUST BE ROUTED WITHIN CONDUIT AND ALL CONDUIT MUST BE ROUTED CONCEALED UNLESS OTHERWISE NOTED.
- ALL EQUIPMENT MUST BE FIELD MARKED TO WARN QUALIFIED PERSONS OF POTENTIAL ELECTRIC ARC FLASH HAZARD IN ACCORDANCE WITH NFPA 70 AND 70E.
- COORDINATE MECHANICAL EQUIPMENT ELECTRICAL CONNECTIONS WITH MECHANICAL TRADE AND PROJECT SPECIFIC EQUIPMENT.
- PROVIDE A GREEN CONTINUOUS INSULATED EQUIPMENT GROUNDING CONDUCTOR FOR ALL CIRCUITS INSTALLED IN CONDUIT AND RACEWAYS.
- ALL CONDUCTORS MUST BE COPPER.
- COORDINATE PENETRATIONS THROUGH FIRE RATED WALLS WITH ARCHITECTURAL FIRESTOPPING DETAILS AND SPECIFICATIONS.
- ALL FLOOR MOUNTED ELECTRICAL EQUIPMENT MUST BE MOUNTED ON A 4" TALL CONCRETE EQUIPMENT PAD IN ACCORDANCE WITH STRUCTURAL DETAILS AND SPECIFICATIONS.
- ALL INTERIOR SURFACE MOUNTED RECEPTACLES MUST HAVE CONDUCTORS ROUTED IN SURFACE MOUNT EMT CONDUIT UNLESS OTHERWISE NOTED.

**SHEET KEYNOTES**

- CONTROLLED RECEPTACLE OVERRIDE SWITCH. REFER TO SHEET EP502 FOR MORE INFORMATION.
- MOUNT RECEPTACLE WITHIN A/V MULTI-SERVICE BOX. REFER TO TA SERIES SHEETS FOR MORE INFORMATION. COORDINATE WITH A/V BOX INSTALLER.
- PROVIDE (3) SURFACE MOUNT DUPLEX RECEPTACLES. HEIGHTS AND CIRCUITS AS SHOWN.

**KEY PLAN**



NO.	DATE	DESCRIPTION
1	08/14/2020	AM007 - SURFACE MOUNT EMT CONDUIT CLARIFICATION

REVISION DATE	REVISION
08/14/2020	AM007 - SURFACE MOUNT EMT CONDUIT CLARIFICATION

DESIGNED BY: D. BRADLEY  
 DRAWN BY: J. SMITH  
 CHECKED BY: B. STREIBER  
 PROJECT NO.: EP103.1  
 SHEET NO.: 06/14  
 18/458

F-35 SPECIAL ACCESS PROGRAM FACILITY  
 EBERHART NATIONAL GUARD BASE (ANGS), FORT SMITH, ARKANSAS  
**FIRST FLOOR POWER PLAN - AREA C**  
 SHEET ID  
**EP103.1**

READY-TO-ADVERTISE (RTA) SUBMITTAL

ROOM SCHEDULE - AREA C	
NAME	NUMBER
VESTIBULE	103
CORRIDOR	124
BREAK ROOM	125
MAINT DEBRIEF	126
MAIN COMM ROOM	127
UNISEX RESTROOM	128
PRINT / COPY	129
MAN TRAP	131
CORRIDOR	132
SECURE COMM ROOM	133
STORAGE	134
SECURITY	135
SECURE ELEC ROOM	136

ROOM SCHEDULE - AREA C	
NAME	NUMBER
STORAGE	137
MAN TRAP 1	141
VAULT 1 MISSION PLANNING	142
VAULT 1 ALIS / ODIN	143
VAULT 1 SERVER	144
VAULT 1 LG BRIEF	145
VAULT 1 SM BRIEF	146
VAULT 1 SM BRIEF	147
MAN TRAP 2	151
VAULT 2 MISSION PLANNING	152
VAULT 2 ALIS / ODIN	153
VAULT 2 SERVER	154

ROOM SCHEDULE - AREA C	
NAME	NUMBER
VAULT 2 LG BRIEF	155
VAULT 2 SM BRIEF	156
VAULT 2 SM BRIEF	157
MAN TRAP 3	161
VAULT 3 MISSION PLANNING	162
VAULT 3 SM BRIEF	163
VAULT 3 SM BRIEF	164
VAULT 3 LG BRIEF	165
VAULT 3 ALIS / ODIN	166
VAULT 3 SERVER	167
MECHANICAL ROOM	171
ELECTRICAL ROOM	172

**GENERAL SHEET NOTES**

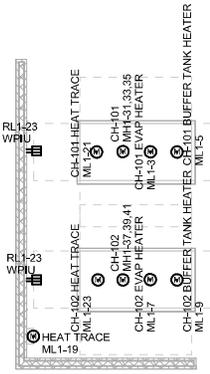
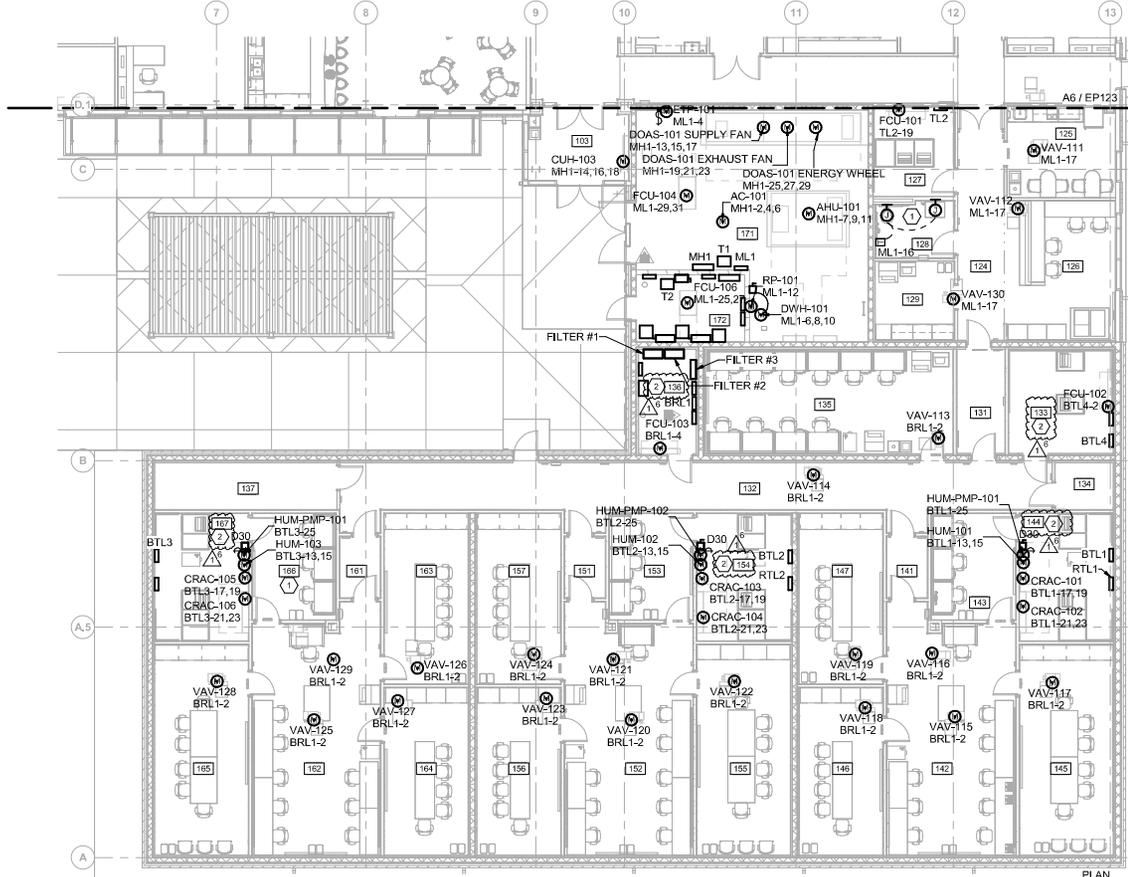
- REFER TO EP-SERIES SHEETS FOR ADDITIONAL GENERAL NOTES.
- REFER TO SHEET EP611 FOR MECHANICAL EQUIPMENT CONNECTION SCHEDULE.

**SHEET KEYNOTES**

- PROVIDE ELECTRONIC TRANSFORMER & POWER SUPPLY FOR FLUSHING/FAUCETS, PROVIDE CONDUIT, BOXES, AND WIRING FOR ALL ELECTRONIC FLUSH DEVICES. INSTALL PWR MANUFACTURER RECOMMENDATIONS, COORDINATE WITH FIXTURE INSTALLER FOR JUNCTION BOX HEIGHTS AND CONNECTIONS. MOUNT TRANSFORMER AND POWER SUPPLY ABOVE CEILING. PROVIDE LOCKABLE ACCESS PANEL SIZED AS REQUIRED INSTALLED FLUSH WITH CEILING.
- ALL CIRCUITS FED FROM PANELS IN THIS ROOM MUST BE SURFACE MOUNTED EMT CONDUIT.



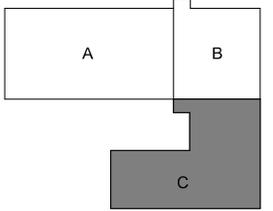
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2	AMEND - SURFACE MOUNT EMT CONDUIT CLARIFICATION
3	AMEND - SURFACE MOUNT EMT CONDUIT CLARIFICATION
4	AMEND - SURFACE MOUNT EMT CONDUIT CLARIFICATION
5	AMEND - SURFACE MOUNT EMT CONDUIT CLARIFICATION
6	AMEND - SURFACE MOUNT EMT CONDUIT CLARIFICATION
7	AMEND - SURFACE MOUNT EMT CONDUIT CLARIFICATION
8	AMEND - SURFACE MOUNT EMT CONDUIT CLARIFICATION
9	AMEND - SURFACE MOUNT EMT CONDUIT CLARIFICATION
10	AMEND - SURFACE MOUNT EMT CONDUIT CLARIFICATION
11	AMEND - SURFACE MOUNT EMT CONDUIT CLARIFICATION
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17	AMEND - SURFACE MOUNT EMT CONDUIT CLARIFICATION
18	AMEND - SURFACE MOUNT EMT CONDUIT CLARIFICATION
19	AMEND - SURFACE MOUNT EMT CONDUIT CLARIFICATION
20	AMEND - SURFACE MOUNT EMT CONDUIT CLARIFICATION



**A1 MECH YARD POWER PLAN**  
SCALE: 1/8" = 1'-0"  
SCALE IN FEET

**A5 FIRST FLOOR HVAC POWER PLAN - AREA C**  
SCALE: 1/8" = 1'-0"  
SCALE IN FEET

**KEY PLAN**



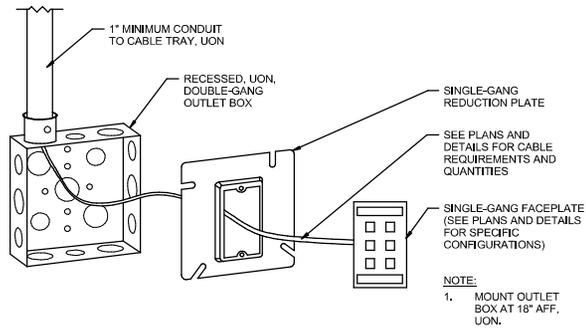
Professional Engineer  
I have prepared this plan, specification, or report and I am a duly licensed Professional Engineer under the laws of the state of Arkansas.  
Signature: [Signature]  
Printed or Plotted Name: JUDAN BRADLEY  
Date: 02/12/2025, 09:00 AM

REVISION	DATE	DESCRIPTION
1	02/12/2025	ISSUE FOR CONSTRUCTION

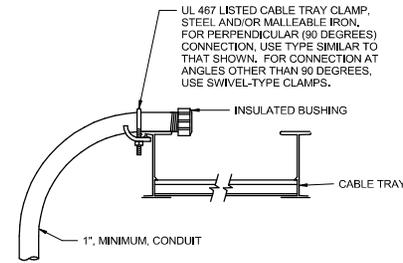
US ARMY CORPS OF ENGINEERS  
DESIGNED BY: JUDAN BRADLEY  
DRAWN BY: JUDAN BRADLEY  
CHECKED BY: JUDAN BRADLEY  
DATE: 02/12/2025  
PROJECT NO.: W1775241007  
CONTRACT NO.: W1775241007  
SHEET NO.: 14  
SHEET TITLE: FIRST FLOOR HVAC POWER PLAN - AREA C  
PROJECT TITLE: F-35 SPECIAL ACCESS PROGRAM FACILITY  
ENGINEER AR NATIONAL GUARD BASE (ANGS), FORT SMITH, ARKANSAS

SHEET ID  
**EP124.1**

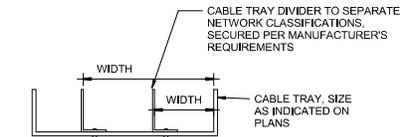
READY-TO-ADVERTISE (RTA) SUBMITTAL



**F4** TYPICAL COMMUNICATIONS OUTLET BOX  
SCALE: NTS



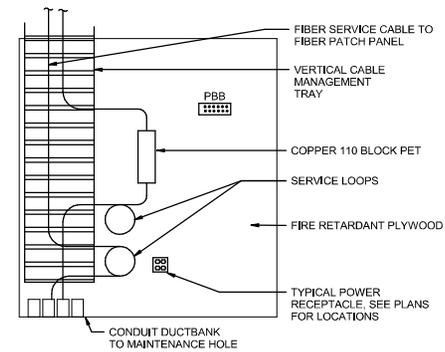
**K12** TYPICAL CONDUIT TO OVERHEAD CABLE TRAY DETAIL  
SCALE: NTS



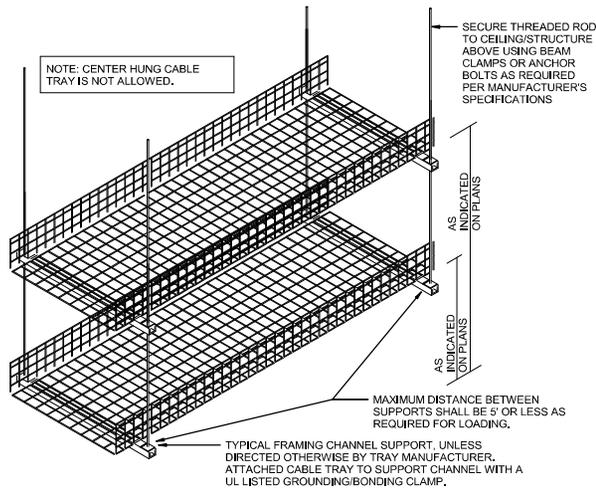
NOTES:

1. UTILIZE BRIDGES AT CABLE TRAY INTERSECTIONS.
2. DIVIDER AND BRIDGES ARE TO BE OF THE SAME MANUFACTURER AS THE CABLE TRAY.
3. BUNDLE LIKE COLORS, I.E. GREEN, RED-R, RED-C, GRAY, GRAY-RED STRIPE, VIOLET-BLUE STRIPE, PINK-BLUE STRIPE.

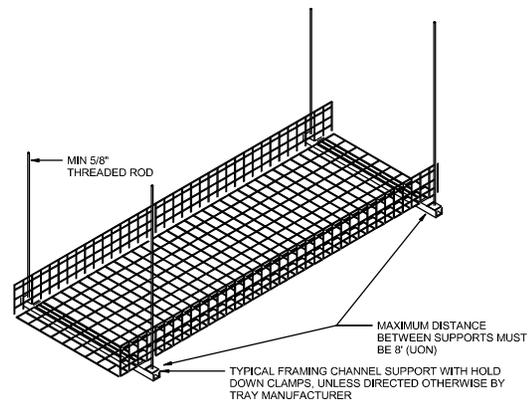
**G4** TYPICAL DIVIDED CABLE TRAY DETAIL (SECURE AREA ONLY)  
SCALE: NTS



**F12** TYPICAL TELECOMM CABLE ENTRANCE  
SCALE: NTS



**A4** TYPICAL STACKED BASKET CABLE TRAY DETAIL  
SCALE: NTS



**A12** TYPICAL BASKET CABLE TRAY DETAIL  
SCALE: NTS



US Army Corps of Engineers

NO.	DESCRIPTION	DATE
1	AM007 - SECURE AREA TRAY CLARIFICATION	FEB 2008
	REVISIONS	
	DESCRIPTION	

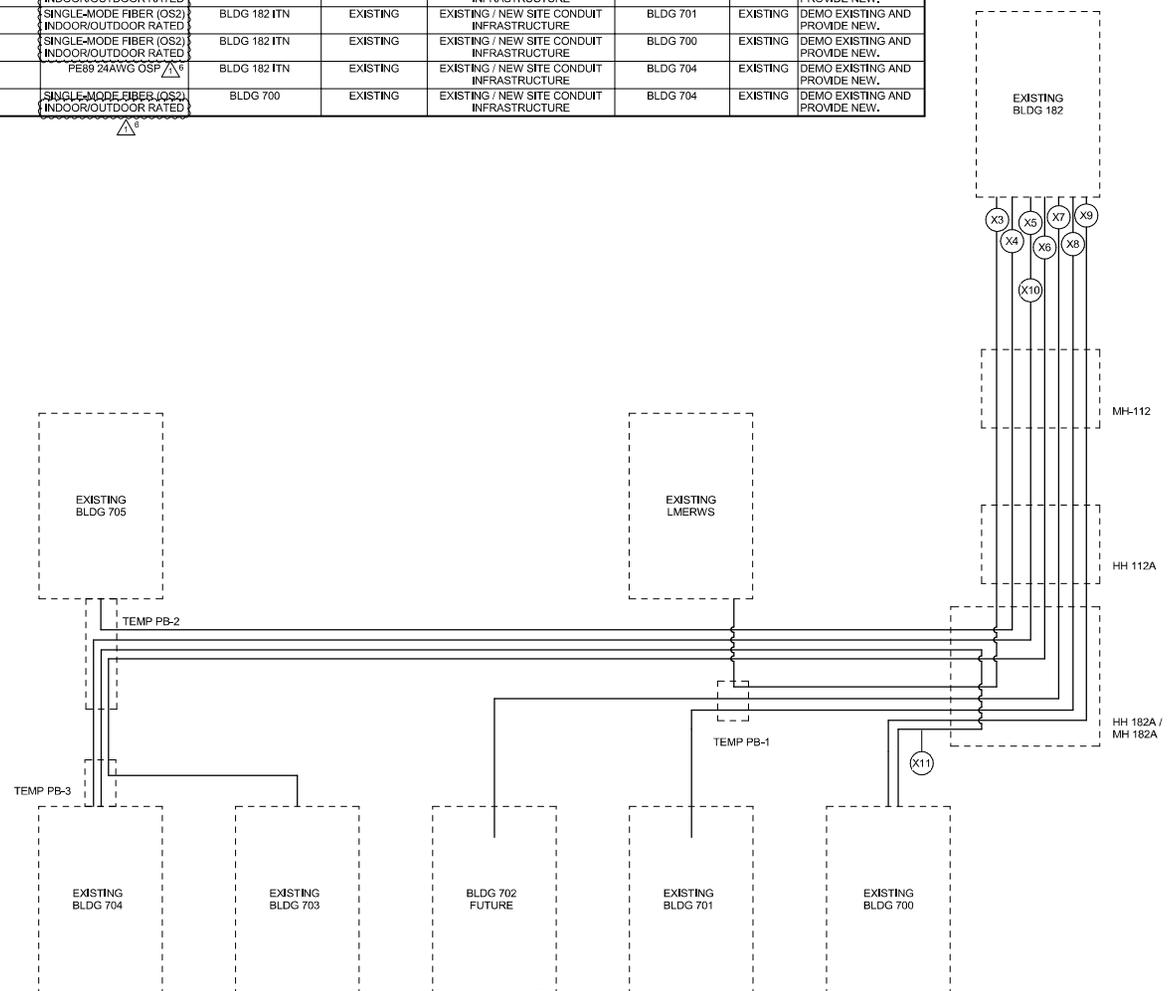
DESIGNED BY M. SCHMIDT	DESIGNED DATE 4.4.2005	DESIGNATION NO. 1111111111
DRAWN BY S. SCHMIDT	CHECKED BY S. SCHMIDT	CONTRACT NO. W1775241007
APPROVED BY B. STREIBER	DATE 11/11/05	MARK 1111111111
US ARMY CORPS OF ENGINEERS LITTLE ROCK, ARKANSAS	BURNS AND MCDONNELL 940 WARD PARKWAY FARGO, ND 58103-0614 195438	



F-35 SPECIAL ACCESS PROGRAM FACILITY EGGERS AIR NATIONAL GUARD BASE (ANGB), FORT SMITH, ARKANSAS	TELECOMMUNICATION DETAILS
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SHEET ID  
**TN510.1**

COMMUNICATIONS BACKBONE CABLE SCHEDULE - TEMP FACILITIES									
ID	CABLE		FROM		PATHWAY	TO		DESCRIPTION	
	QUANTITY	TYPE	ROOM	RACK		ROOM	RACK		
X3	(3) 4-STRAND TFOCA (MIL-DTL-83526 STYLE - 4-CH)	SINGLE-MODE FIBER (OS2) INDOOR/OUTDOOR RATED	BLDG 182 ITN	EXISTING	EXISTING / NEW SITE CONDUIT INFRASTRUCTURE	BLDG 182	EXISTING	DEMO EXISTING AND PROVIDE NEW.	
X4	12-STRAND	SINGLE-MODE FIBER (OS2) INDOOR/OUTDOOR RATED	BLDG 182 ITN	EXISTING	EXISTING / NEW SITE CONDUIT INFRASTRUCTURE	BLDG 705	EXISTING	DEMO EXISTING AND PROVIDE NEW.	
X5	12-STRAND	SINGLE-MODE FIBER (OS2) INDOOR/OUTDOOR RATED	BLDG 182 ITN	EXISTING	EXISTING / NEW SITE CONDUIT INFRASTRUCTURE	BLDG 704	EXISTING	DEMO EXISTING AND PROVIDE NEW.	
X6	12-STRAND	SINGLE-MODE FIBER (OS2) INDOOR/OUTDOOR RATED	BLDG 182 ITN	EXISTING	EXISTING / NEW SITE CONDUIT INFRASTRUCTURE	BLDG 703	EXISTING	DEMO EXISTING AND PROVIDE NEW.	
X7	12-STRAND	SINGLE-MODE FIBER (OS2) INDOOR/OUTDOOR RATED	BLDG 182 ITN	EXISTING	EXISTING / NEW SITE CONDUIT INFRASTRUCTURE	BLDG 702	EXISTING	DEMO EXISTING AND PROVIDE NEW.	
X8	24-STRAND	SINGLE-MODE FIBER (OS2) INDOOR/OUTDOOR RATED	BLDG 182 ITN	EXISTING	EXISTING / NEW SITE CONDUIT INFRASTRUCTURE	BLDG 701	EXISTING	DEMO EXISTING AND PROVIDE NEW.	
X9	12-STRAND	SINGLE-MODE FIBER (OS2) INDOOR/OUTDOOR RATED	BLDG 182 ITN	EXISTING	EXISTING / NEW SITE CONDUIT INFRASTRUCTURE	BLDG 700	EXISTING	DEMO EXISTING AND PROVIDE NEW.	
X10	12-PAIR	PE89 24AWG OSP	BLDG 182 ITN	EXISTING	EXISTING / NEW SITE CONDUIT INFRASTRUCTURE	BLDG 704	EXISTING	DEMO EXISTING AND PROVIDE NEW.	
X11	24-STRAND	SINGLE-MODE FIBER (OS2) INDOOR/OUTDOOR RATED	BLDG 700	EXISTING	EXISTING / NEW SITE CONDUIT INFRASTRUCTURE	BLDG 704	EXISTING	DEMO EXISTING AND PROVIDE NEW.	



**COMMUNICATIONS BACKBONE RISER DIAGRAM - TEMP FACILITIES**  
SCALE: NTS

**GENERAL SHEET NOTES**

- THESE DRAWINGS ARE SUPPLEMENTAL TO THE PROJECT SPECIFICATIONS, ARE SCHEMATIC IN NATURE AND SHALL NOT BE USED FOR FIELD INSTALLATION. FIELD INSTALLATION SHALL BE PER APPROVED SHOP DRAWINGS. SEE PROJECT SPECIFICATIONS FOR SHOP DRAWING REQUIREMENTS. THE LAYOUT OF ALL TELECOMMUNICATIONS EQUIPMENT SHALL BE FULLY COORDINATED WITH OTHER TRADES, EQUIPMENT AND/OR FURNITURE WITHIN THE ROOM AND/OR SPACE PRIOR TO SUBMISSION OF SHOP DRAWINGS FOR APPROVAL.
- SEE SHEET TN001 FOR PROJECT GENERAL NOTES, SYMBOL LEGEND AND ABBREVIATIONS.
- REFER TO TN002 AND TN003 FOR EQUIPMENT LABELING INFORMATION.
- REFER TO ED111 FOR TEMP FACILITY LOCATIONS AND EXISTING CONDUIT ROUTING. REFER TO ES116 FOR NEW WORK REGARDING OUTSIDE PLANT (OSP) INFRASTRUCTURE. CONTRACTOR SHALL PROVIDE ADDITIONAL 50'-0" COILED CABLE AT EACH TEMP FACILITY. FIELD VERIFY AND CONFIRM TERMINATION LOCATIONS WITHIN THE TEMP FACILITIES PRIOR TO INSTALLATION.
- COORDINATE CABLE INSTALLATION WITHIN EXISTING BUILDINGS AND IN BUILDING 182 WITH COR AND 188TH CS.

**SHEET KEYNOTES**

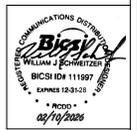
- FIELD VERIFY AND CONFIRM TFOCA'S CONNECTOR TYPE WITH COR AND 188TH CS PRIOR TO INSTALLATION.



NO.	DATE	DESCRIPTION	BY	CHECKED BY
1	08/19/2025	AM007 - BACKBONE CABLE TYPE CLARIFICATION	W. SCHMIDTZER	B. STREIBER

DESIGNED BY W. SCHMIDTZER	DATE 8.4.2025
DRAWN BY B. STREIBER	CONTRACT NO. W1775241007
CHECKED BY B. STREIBER	PROJECT NO. 188TH CS
INSTRUMENTED BY B. STREIBER	ISSUE NO. 188438

US ARMY CORPS OF ENGINEERS  
LITTLE ROCK, ARKANSAS  
BURNS AND MCGONNELL  
940 WARD PARKWAY  
FARGO, ND 58103  
188438



SHEET ID  
**TN702.1**

READY-TO-ADVERTISE (RTA) SUBMITTAL