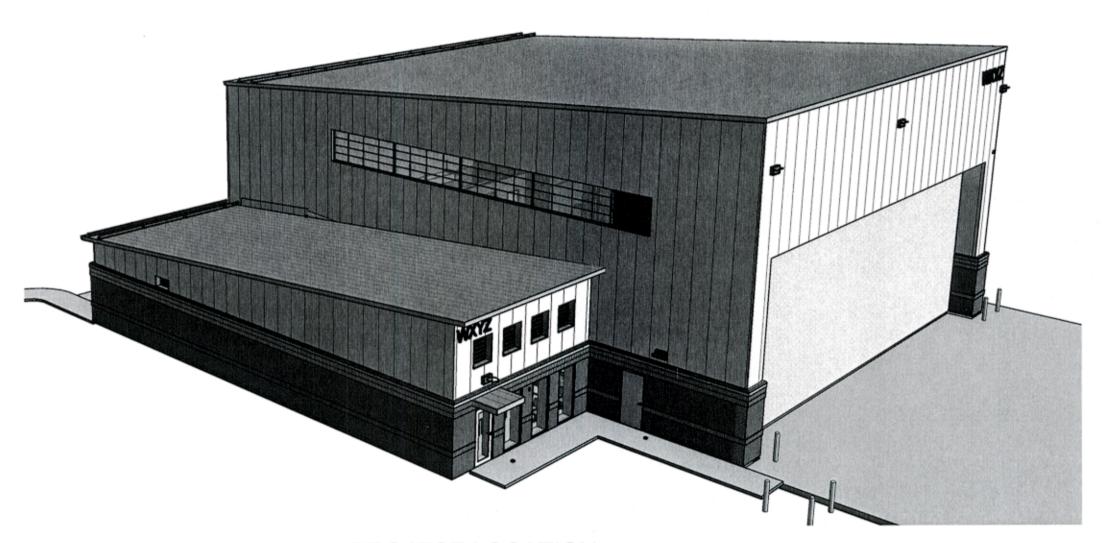
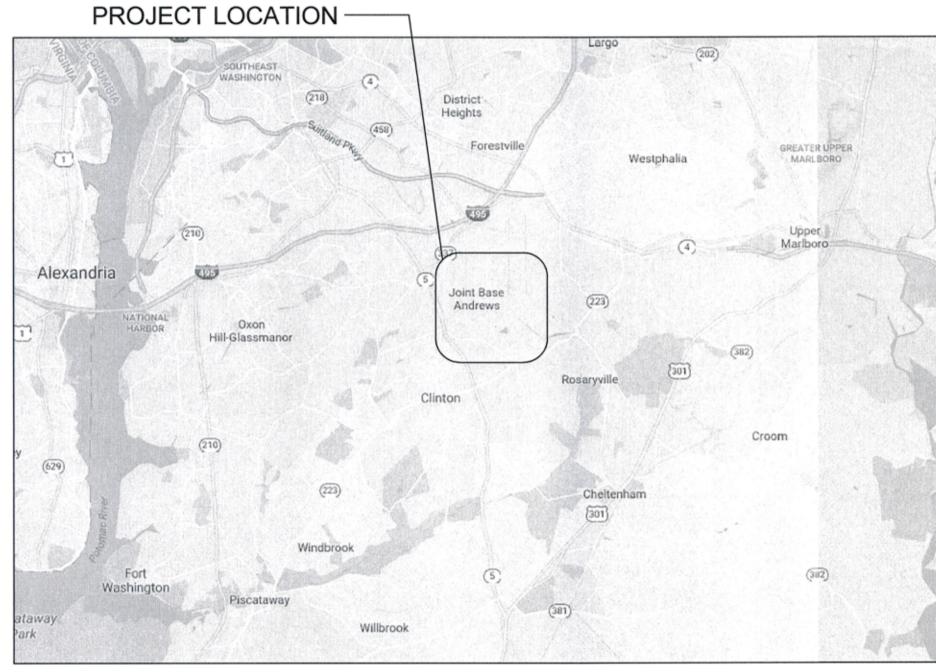
MUNITIONS LOAD CREW TRAINING FACILITY

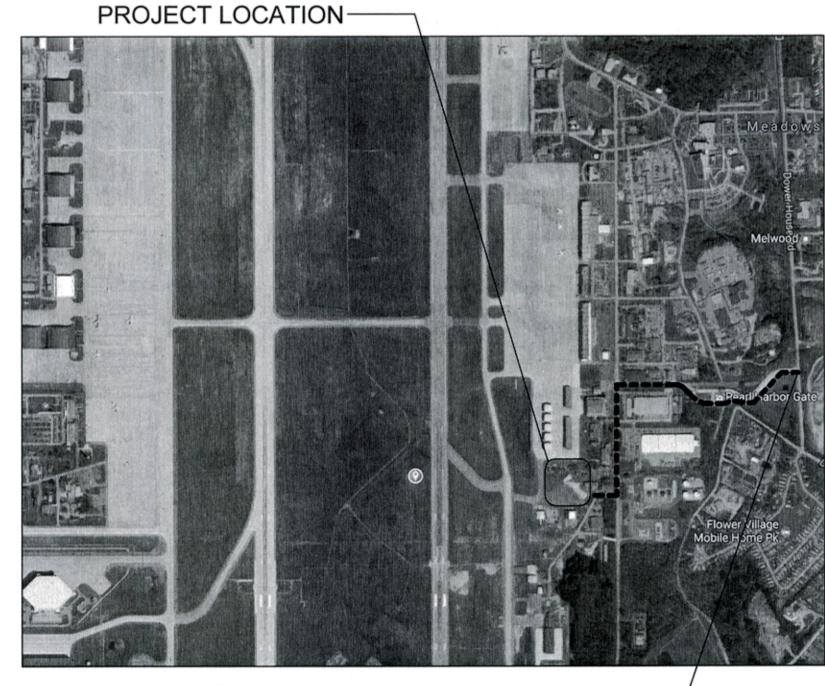
JOINT BASE ANDREWS, MARYLAND

W9133L-15-D-0001 ANG NO.: AJXF039040

TYPE B-3 (100%) SUBMITTAL - ISSUED FOR BID 6 OCTOBER 2017







HAUL ROUTE

ADD	ITIVE BID ITEM SUMMARY
ABI #1	4' D x 5' W AND 4' D x 6' W PRE-MANUFACTURED METAL CANOPIES AND ASSOCIATED STRUCTURE
ABI #2	FOUR (4) FAUX LOUVERS ABOVE THE SOUTH WINDOWS AND DOOR
ABI #3	TRANSLUCENT WALL PANELS IN LIEU OF INSULATED METAL PANELS ON EAST AND WEST SIDE OF HANGAR BAY
ABI #4	CONT. PRE-CAST STONE CAP ATOP BRICK WALL AT EXTERIOR OF BUILDING AND TWO BRICK SOLDIER COURSES
ABI #5	STANDING SEAM METAL ROOF IN LIEU OF A PVC ROOF ON THE HANGAR BAY PORTION OF THE BUILDING
ABI #6	BIRD CONTROL NETTING AND SPIKES
ABI #7	CLASSROOM CABINETRY AND ASSOCIATED FIXTURES
ABI #8	7'-4" TALL CMU AND BRICK EQUIPMENT YARD WALL WITH CAST STONE CAP, STEEL GATE AND CHAINLINK FENCE TOP IN LIEU OF A VINYL-COATED CHAINLINK FENCE EQUIPMENT ENCLOSURE
ABI #9	INTERIOR PAINTING OF HANGAR BAY WALLS, ROOF DECK & STRUCTURE
ABI #10	EPOXY FLOOR SYSTEM IN LIEU OF SEALED CONCRETE IN HANGAR BAY
ABI #11	FF&E ALLOWANCE - \$30,000
ABI #12	7 - 12" W x 18" D x 72" H DOUBLE TIERED & PERSONNEL LOCKERS AND WINDOW BLINDS FOR FOR WINDOW TYPES A, B AND C AS WELL AS DOOR 103B
ABI #13	6" DIAMATER 42" HIGH STEEL CONCRETE FILLED BOLLARDS ON THE EAST SIDE OF THE BUILDING - SEE C-111 FOR EXACT BOLLARDS
ABI #14	ADD ROUGH-IN FOR WAP ABOVE CORRIDOR
ABI #15	DIP PIPE IN LIEU OF IRON PIPE ON UNDERGROUND LINES

3500 Parkway Lane, Suite 500 Peachtree Corners, GA 30092 Phone (678) 336-7740 Fax (678) 336-7744





Professional Certification.
I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland, License No. 18890

SCRIPTION

6 OCTOBER 2017
ANG NO.:
AJXF039040
CONTRACT NO.:
W9133L-15-D-0001
FILE NUNBER:
XX-X-XXXX

DRAWN BY:
QPO
CHECKED BY:
PJM
SUBMITTED BY:
SBR

DISTRICT OF COLUMBIA
AIR NATIONAL GUARD
3500 Parkway Lane, Suite 500
Peachtree Comers, CA 30092
Phone (678) 336-7740

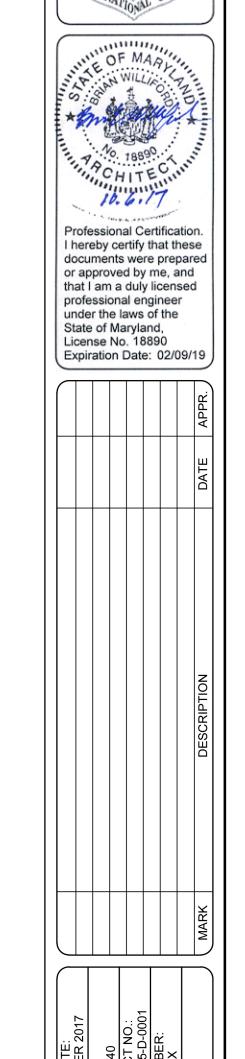
MUNITIONS LOAD CREW TRAINING FACILITY 113th WING DCANG JOINT BASE ANDREWS,MD

G-001

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SHEET ID G-002 MUNITIONS LOADING CREW TRAINING FACILITY HANGAR

PROJECT LOCATION:

JOINT BASE ANDREWS, MARYLAND

LIST OF APPLICABLE CODES:

1. INTERNATIONAL CODE CONUNCIL (ICC), INTERNATIONAL BUILDING CODE (IBC), 2015 EDITION

2. UNIFIED FACILITIES CRITERIA (UFC) 1-200-01, GENERAL BUILDING REQUIREMENTS

3. UFC 3-600-01, DESIGN: FIRE PROTECTION ENGINEERING FOR FACILITIES 4. UFC 4-010-01, DOD MINIMUM ANTITERRORISM STANDARDS FOR BUILDINGS

5. UFC 4-211-01 AIRCRAFT MAINTENANCE HANGARS

6. NFPA 101, NATIONAL FIRE PROTECTION ASSOCIATION (NFPA), LIFE SAFETY CODE, 2015 EDITION

7. NFPA 70, NATIONAL ELECTRICAL CODE, 2017 EDITION 8. NFPA 72, FIRE ALARM SIGNALING CODE, 2016 EDITION

9. NFPA 90A, STANDARD FOR THE INSTALLATION OF AIR-CONDITIONING AND VENTILATION SYSTEMS, 2015 EDITION

10. NFPA 409 - STANDARD FOR AIRCRAFT HANGARS

11. ABA ACCESSIBILITY STANDARD FOR DEPARTMENT OF DEFENSE FACILITIES

THIS BUILDING IS A MIXED USE OCCUPANCY AS PER IBC 508.3.3 SEPARATED OCCUPANCIES

AREA SUMMARY:

ACTUAL BUILDING AREA = 8,279 S.F. (GROSS)

FIRE RESISTANCE REQUIREMENTS:

STRUCTURAL FRAME **EXTERIOR BEARING WALLS** INTERIOR BEARING WALLS

IBC, TABLE 601; SECTION 602 - TYPE IIB

0 HR. 0 HR. EXTERIOR NON-BEARING WALLS AND PARTITIONS 0 HR. INTERIOR NON-BEARING WALLS AND PARTITIONS 0 HR. FLOOR CONSTRUCTION 0 HR. ROOF CONSTRUCTION

ALL OPERATIONS OUTSIDE THE AIRCRAFT SERVICING AREA MUST BE ISOLATED FROM THE AIRCRAFT SERVICING AREA BY A MASONRY WALL HAVING A FIRE RESISTANCE RATING OF AT LEAST ONE HOUR. OPENINGS TO BE SELF CLOSING AND RATED FOR 45 MINUTES.

0 HR. 0 HR.

MIXED OCCUPANCY

OCCUPANCY LOAD FACTORS:

AREA/OCC. (SF) OCC. LOAD (PERSONS) AREA (SF) OCCUPANCY TYPE 935 BUSINESS (B) 100 499 ASSEMBLY (A) 20 25 6,847 STORAGE (S-1) 500 14 8,281 TOTAL

OCCUPANCY SEPARATIONS:

THIS BUILDING WILL BE ONE BUILDING WITH MIXED OCCUPANCIES. THE BUILDING IS SPRINKLERED.

OCCUPANCY SEPARATION BETWEEN BUSINESS (B), ASSEMBLY (A), AND STORAGE (S-1) DOES NOT REQUIRE FIRE RATING PER IBC 2015 HOWEVER PER UFC 4-211-01 HANGAR BAYS AND OFFICEOR ASSEMBLY AREAS SHOULD BE SEPERATED BY A 1-HOUR FIRE RATED WALL.

CONSTRUCTION TYPE (IBC, TABLE 503; SECTION 504)

TYPE IIB. SPRINKLERED, UNPROTECTED

TOTAL ALLOWABLE AREA

IBC TABLE 503 - ALLOWABLE HEIGHT & BUILDING AREA:

ALLOWABLE HEIGHT/ TYPE OF CONSTRUCTION **OCCUPANCY STORIES** ALLOWABLE AREA (SF) **ACTUAL BUILDING AREAS** IIB (SPRINKLERED) 92000 530 A-3 38000 IIB (SPRINKLERED) 6,847 IIB (SPRINKLERED) S-1 104500

AREA FRONTAGE INCREASE NOT REQUIRED.

CONCLUSION: THE BUILDING FALLS UNDER THE ALLOWABLE AREA BY CODE. IT DOES NOT EXCEED ONE STORY ABOVE GRADE PLANE AND IS FULLY SPRINKLERED.

EXIT REQUIREMENTS:

NFPA 101, SECTION 7.3, TABLE 7.3.3.1 MINIMUM REQUIRED EGRESS WIDTH:

EGRESS COMPONENTS OTHER THAN STAIRS - 0.2" PER OCCUPANT SERVED

EGRESS DOORS: NFPA 101, SECTION 7.2

MINIMUM CLEAR WIDTH OF NOT LESS THAN 32 INCHES

DOORS SERVING CLOSET SPACES LESS THAN 10 SQUARE FEET SHALL NOT BE

LIMITED BY THE MINIMUM WIDTH.

MINIMUM HEIGHT IS 80 INCHES

LOCATION OF EXITS: NFPA 101, SECTION 7.5

WHERE TWO EXITS OR EXIT ACCESS DOORWAYS ARE REQUIRED FROM ANY PORTION OF THE EXIT ACCESS, THE EXIT DOORS OR EXIT ACCESS DOORWAYS SHALL BE PLACED A DISTANCE APART EQUAL TO NOT LESS THAN ONE-HALF OF THE LENGTH OF THE MAXIMUM OVERALL DIAGONAL DIMENSION OF THE BUILDING OR AREA SERVED MEASURED IN A STRAIGHT LINE

BETWEEN EXIT DOORS OR EXIT ACCESS DOORWAYS.

EXIT CORRIDORS: NFPA 101, SECTION 7.3

MINIMUM CORRIDOR WIDTH IS NOT LESS THAN 44 INCHES CLEAR

MINIMUM NUMBER OF EXITS: NFPA 101, SECTION 7.4

MINIMUM NUMBER OF EXITS REQUIRED:

OCCUPANT LOAD MORE THAN 500 BUT NOT MORE THAN 1000 - NOT LESS THAN 3 EXITS

NUMBER OF EXITS PROVIDED: 5

EXIT REQUIREMENTS CONTINUED:

MAXIMUM EXIT ACCESS TRAVEL DISTANCE:

OCCUPANCY IBC, TABLE 1017.2;

SECTION 1017

300' SPRINKLERED

300' SPRINKLERED 250' SPRINKLERED 250' SPRINKLERED

250' SPRINKLERED 400' SPRINKLERED

NFPA 101

300' SPRINKLERED

USED

250' SPRINKLERED 250' SPRINKLERED

IBC, SECTION 1028.1

BUSINESS (B)

ASSEMBLY (A-3)

STORAGE (S-1)

EXITS SHALL DISCHARGE DIRECTLY TO THE EXTERIOR OF THE BUILDING. THE EXIT DISCHARGE SHALL BE AT GRADE LEVEL OR SHALL PROVIDE A DIRECT PATH OF EGRESS TRAVEL TO GRADE.

MAXIMUM COMMON PATH

PLUMBING FIXTURE COUNT:

OF TRAVEL DISTANCE:

CORRIDOR:

OCCUPANCY

IBC, SECTION 1016.2.1; EXCEPTION 1

NFPA 101

USED

BUSINESS (B) ASSEMBLY (A-3) STORAGE (S-1)

100' SPRINKLERED 75' SPRINKLERED 100' SPRINKLERED 100' SPRINKLERED 75' SPRINKLERED 100' SPRINKLERED

100' SPRINKLERED 250' SPRINKLERED 100' SPRINKLERED

USED

IBC, TABLE 1020.2; MAXIMUM DEAD-END OCCUPANCY NFPA 101

> BUSINESS (B) ASSEMBLY (A-3) STORAGE (S-1)

50' SPRINKLERED 20' SPRINKLERED 50' SPRINKLERED

50' SPRINKLERED 20' SPRINKLERED 100' SPRINKLERED

50' SPRINKLERED 20' SPRINKLERED

50' SPRINKLERED

MINIMUM NUMBER OF PLUMBING FIXTURES:

BUSINESS OCCUPANCY (ASSEMBLY (A-3) INCLUDED FOR PLUMBING CALC.)

1 PER 25 FOR FIRST 50: TOTAL:

50% MALE = 1 W.C.

50% FEMALE = 1 W.C. 1 PER 40 FOR FIRST 80:

TOTAL:

50% MALE = 1 LAV.

50% FEMALE = 1 LAV.

1 PER 100:

 $10 \times 1/100 = 1$ D.F.

STORAGE (S-1) OCCUPANCY

DRINKING FOUNTAINS:

TOTAL PLUMBING FIXTURE REQUIREMENTS

DRINKING FOUNTAINS:

WATER CLOSETS:

LAVATORIES:

LAVATORIES:

WATER CLOSETS

DRINKING FOUNTAINS

LAVATORIES

WATER CLOSETS: 1 PER 25 FOR FIRST 50:

TOTAL:

50% MALE = X W.C. 50% FEMALE = X W.C.

1 PER 40 FOR FIRST 80: TOTAL:

50% MALE = X LAV.

50% FEMALE = X LAV.

1 PER 100:

2 MALE / 2 FEMALE

2 MALE / 2 FEMALE 2 D.F.

IBC, TABLE 2902.1

CCUPANT LOAD = 35

 $35 \times 1/40 = 1 \text{ LAV}.$

 $35 \times 1/25 = 1$ W.C.

1 LAV.

2 W.C.

OCCUPANT LOAD = 14

 $14 \times 1/25 = 1$ W.C.

 $14 \times 1/40 = 1 \text{ LAV}.$

1 LAV.

1 W.C.

 $14 \times 1/100 = 1 D.F.$

OF MAAL

Professional Certification

I hereby certify that these

documents were prepared

or approved by me, and

that I am a duly licensed

Expiration Date: 02/09/19

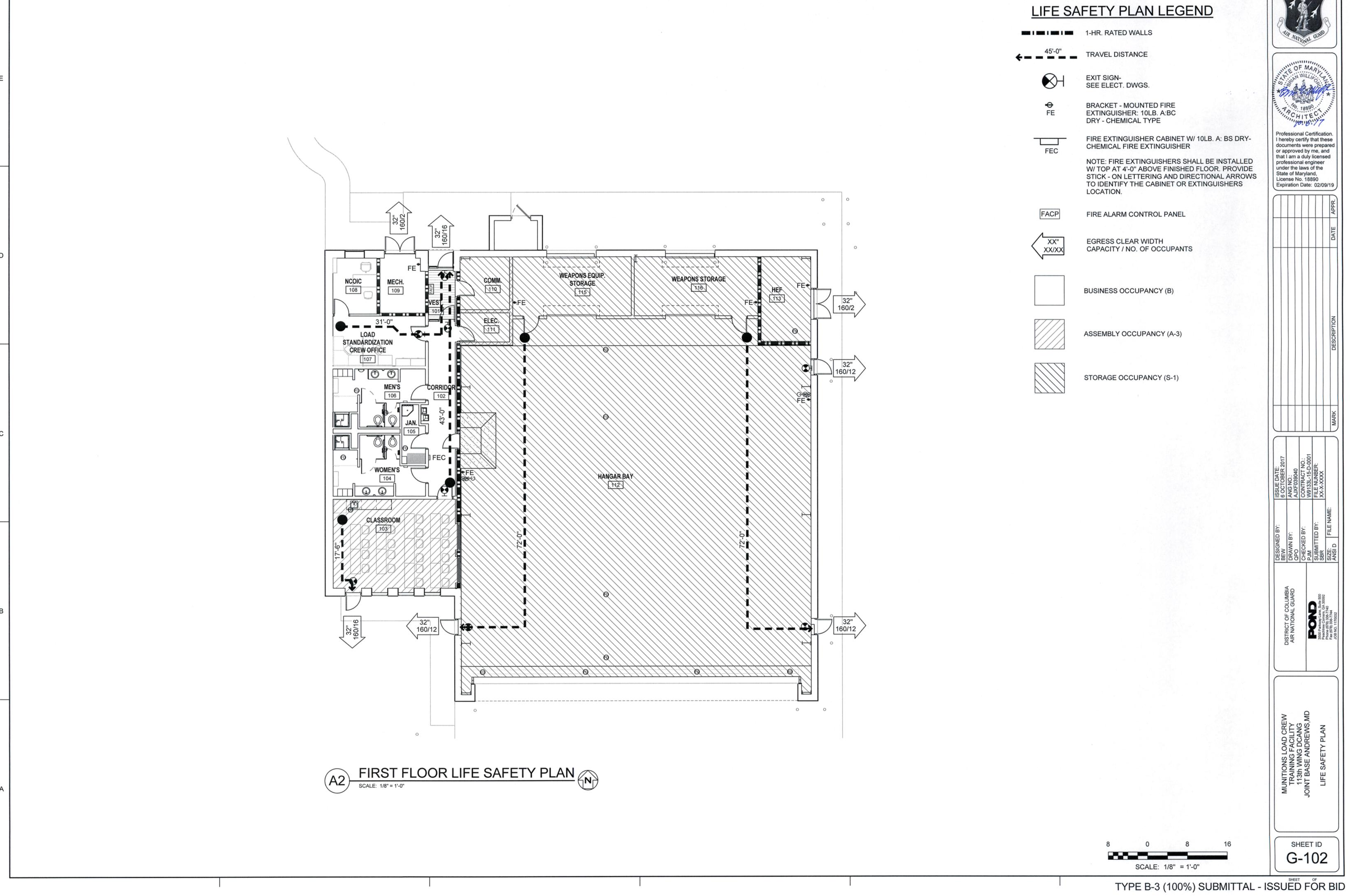
professional engineer

under the laws of the

State of Maryland,

License No. 18890

SHEET ID G-101





I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the Expiration Date: 02/09/19

APPR	DATE	DESCRIPTION

SHEET ID

PLYWOOD

POUNDS / SQUARE FOOT

POUNDS / SQUARE INCH

PREFABRICATED

QUARRY TILE

PRE-MOLDED JOINT FILLER

POUNDS

PLYWD.

P.M.J.F.

PRE-FAB.

PSF

PSI

Q.T.

LBS. OR #

STC SPEC(S) SFRM SQ. ST. S.S. STD. STL. STOR. STRUCT. SUSP. TOIL. / TLT TEL. THK.

TOILET **TELEPHONE** THICK T'HOLD THRESHOLD TEMPERED GLASS TG TOP OF T/ TOB TOP OF BEAM TOC TOP OF CONCRETE T/C TOP OF CURB TOS TOP OF STEEL TOP OF WALL T/W TOUCH-UP TU TYP. TYPICAL U.L.

UNDERWRITERS LABORATORIES UNFINISHED UNLESS NOTED OTHERWISE

RAISED ACCESS FLOOR

RECEPTIONIST

REINFORCEMENT

ROUGH OPENING

SEALED CONCRETE

SOLID CORE WOOD

SEMI-GLOSS PAINT

SOUND TRANSMISSION CLASS

SPRAYED FIRE RESISTIVE MATERIAL

RUBBER BASE

SCHEDULE

SERVICE SINK

SHEET METAL

SPECIFICATION

STAINLESS STEEL

SECTION

SIMILAR

SQUARE

STANDARD

STORAGE

STRUCTURAL

SUSPENDED

STAIN

STEEL

REVISIONS / REVISED

RIGHT HAND REVERSE

REFERENCE

REQUIRED

ROOF DRAIN

RIGHT HAND

ROOM

VERT VERTICAL VEST. VESTIBULE VCT VINYL COMPOSITION TILE VINYL COVE BASE V.T.R. VENT THRU ROOF

WITH WATER CLOSET WALL CLEAN OUT WOOD WDW. WINDOW WIRE MESH PARTITION W.M.P WITHOUT W.R.G.B.

WATER RESISTANT GYPSUM BOARD WEATHERSTRIPPING WINDOW ROUGH OPENING

YARD

1. THE DRAWINGS INDICATE THE GENERAL EXTENT OF WORK. THE DRAWINGS ARE NOT INTENDED TO INDICATE OR DESCRIBE ALL WORK REQUIRED FOR THE FULL PERFORMANCE AND COMPLETION OF THE REQUIREMENTS OF THE CONTRACT DOCUMENTS

2. THE ENUMERATION OF PARTICULAR ITEMS OF WORK IN ONE PORTION OF THE CONTRACT DOCUMENTS SHALL NOT BE CONSTRUED TO EXCLUDE

OTHER ITEMS NECESSARY OR IMPLIED THEREFROM THE CONTRACTOR IS RESPONSIBLE FOR THE COORDINATION OF ALL PARTS OF THE WORK SO THAT NO WORK SHALL BE LEFT IN AN UNFINISHED

4. ALL WORK SHALL CONFORM TO APPLICABLE INDUSTRY AND MANUFACTURER'S PUBLISHED STANDARDS FOR QUALITY OF MATERIALS AND WORKMANSHIP, AS WELL AS, ALL REQUIREMENTS IN THESE DRAWINGS AND SPECIFICATIONS. ANY CONFLICTING REQUIREMENTS OF THE SOURCES LISTED ABOVE SHALL BE BROUGHT TO THE ARCHITECT ATTENTION PRIOR TO

5. THE CONTRACTOR SHALL PROTECT ANY EXISTING, IN-PLACE, AND NEW

7. THE CONTRACTOR SHALL PAY FOR AND COORDINATE THE REMOVAL AND

LEGAL DISPOSAL OF MATERIALS AND RUBBISH. ONCE ON SITE, THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND SHALL VERIFY ALL NEW AND EXISTING CONDITIONS, SHOWN ON THESE DRAWINGS. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT IN WRITING OF

9. DO NOT SCALE DRAWINGS; DIMENSIONS GOVERN, LARGE SCALE DETAILS GOVERN OVER SMALL SCALE DETAILS. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT IN WRITING OF ANY DIFFERING CONDITIONS BEFORE

10. UNLESS NOTED OTHERWISE, ALL GYPSUM BOARD SURFACES ARE TO RECEIVE ONE PRIMER COAT AND TWO COATS OF PAINT.

RESISTIVE RATING SHALL BE CONSTRUCTED AS DETAILED HEREIN. 14. DIMENSIONS SHOWN ARE TO FACE OF STUD OR CMU (U.N.O.). 15. PROVIDE EXPANSION AND CONTROL JOINTS IN ALL WORK AS PER

16. THE CONTRACTOR SHALL PERFORM ALL WORK IN ACCORDANCE WITH ALL APPLICABLE CODES, ORDINANCES AND REGULATORY AGENCIES AND SHALL OBTAIN NECESSARY BUILDING AND FIRE PERMITS FROM ALL

17. ALL INTERIOR FINISH MATERIALS SHALL COMPLY WITH THE REQUIREMENTS OF ALL APPLICABLE CODES, ORDINANCES AND REGULATORY **AGENCIES**

18. ALL DISSIMILAR METALS SHALL BE ISOLATED FROM EACH OTHER TO AVOID GALVANIC CORROSION.

19. NOTES APPEAR ON VARIOUS SHEETS FOR DIFFERENT SYSTEMS AND MATERIALS. SHEETS ARE TO BE REVIEWED AND NOTES ON INDIVIDUAL SHEETS SHALL BE APPLIED TO RELATED DRAWINGS AND DETAILS. 20. A FINISH INDICATION ON A WALL SHALL MEAN THE ENTIRE LENGTH AND HEIGHT OF WALL IS TO BE FINISHED OR FIRE-RATED AS INDICATED. 21. WHEN NON-DIMENSIONED PARTITIONS APPEAR IN CONJUNCTION WITH DOOR OPENINGS, THE DOOR WIDTH AND THE DOOR FRAME DETAILS DETERMINE THE LOCATION OF ADJACENT WALLS AND FRAMES. 22. DETAILS NOT SHOWN ARE SIMILAR IN CHARACTER TO THOSE DETAILED. WHERE SPECIFIC DIMENSIONS, DETAILS OR DESIGN INTENT CANNOT BE DETERMINED, CONSULT THE CONTRACTING OFFICER BEFORE PROCEEDING

WITH THE WORK. 23. THE CONTRACTOR SHALL COORDINATE ALL MECHANICAL AND ELECTRICAL FLOOR AND WALL SLEEVES INCLUDING CONDUITS WITH ALL MECHANICAL, ELECTRICAL, PLUMBING, FIRE PROTECTION, STRUCTURAL AND ARCHITECTURAL DRAWINGS.

24. PROVIDE ACCESS PANELS AS REQUIRED BY APPLICABLE CODES AND AS REQUIRED FOR MECHANICAL EQUIPMENT AND PLUMBING WORK. ALL ACCESS PANEL LOCATIONS SHALL BE REVIEWED WITH THE ARCHITECT PRIOR TO PROCEEDING.

25. ALL PIPE DUCTS AND BUS DUCTS THAT PENETRATE FLOOR SLABS OR WALL PARTITIONS SHALL BE INSTALLED IN A MANNER THAT WILL PRESERVE THE MOISTURE RESISTIVENESS. FIRE RATING, AND STRUCTURAL INTEGRITY OF THE BUILDING.

26. DO NOT CUT INTO, REMOVE OR ALTER ANY STRUCTURAL MEMBER OR PORTION OF THE FLOOR SYSTEM UNLESS IT IS SPECIFICALLY NOTED OR SHOWN ON THE STRUCTURAL DRAWINGS.

27. INTERIOR PARTITION MOVEMENT CONTROL: A. VERTICAL CONTROL JOINTS FOR ANY WALL LENGTH ARE TO OCCUR AT NOT MORE THAN 30'-0" O.C. IN THE HORIZONTAL DIRECTION, UNLESS NOTED

OTHERWISE. B. PROVISIONS SHALL BE MADE IN THE DESIGN, FABRICATION, AND INSTALLATION OF INTERIOR PARTIONS FOR TYPICAL FLOOR DEFLECTIONS OF THE STRUCTURE UNDER SUPERIMPOSED LOADS AS FOLLOWS: TYPICAL ROOF/FLOOR MEMBERS: SPAN/360 BUT NOT LESS THAN 1 1/2". 28. THE CONTRACTOR SHALL PLAN HIS/HER WORK TO PROVIDE ADEQUATE PROTECTION FOR PERSONS AND PROPERTY AT ALL TIMES, AND EXECUTE

THE WORK IN SUCH A MANNER TO AVOID ANY HAZARD TO PERSONS AND

OF MANY

Professional Certification

I hereby certify that these

documents were prepared or approved by me, and

that I am a duly licensed

Expiration Date: 02/09/19

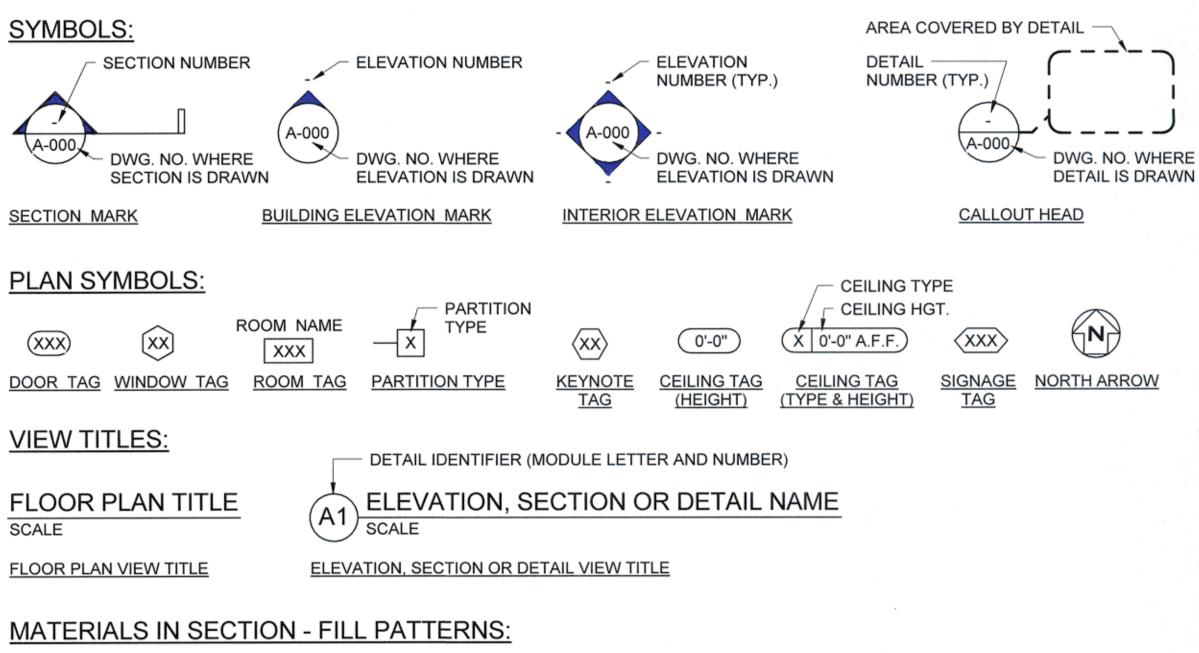
professional engineer

under the laws of the State of Maryland,

License No. 18890

AUXF CONT W913

SHEET ID A-001



PROPERTY AS NECESSARY.

	<u> </u>			_
A.F.	ACCESS FLOORING	GA. GALV.	GAGE OR GAUGE GALVANIZED	RAF RECEP.
A.F.F. ACC. DR.	ABOVE FINISHED FLOOR ACCESS DOOR / PANEL	G.B.F.	GYPSUM BOARD FURRING	REF.
ADAAG	AMERICAN WITH DISABILITIES	GFCI	GOVERNMENT FURNISHED	REINF.
ACCESS.	ACCESSIBILITY GUIDELINES ACCESSORIES	GFGI	CONTRACTOR INSTALLED GOVERNMENT FURNISHED	REQ'D. REV.
ADJ.	ADJUST/ ADJUSTABLE		GOVERNMENT INSTALLED	R.D.
ACOUST. A.B.	ACOUSTICAL ANCHOR BOLT	G.L. G.P.	GIRT LINE GLOSSY PAINT	RH RHR
ACT	ACOUSTICAL CEILING TILE	GL.	GLASS	RM.
ANOD.	ANODIZED	GOVT.	GOVERNMENT	R.O.
A.C. AL / ALUM.	AIR CONDITIONING ALUMINUM	GYP. GYP. BD. (GWB)	GYPSUM GYPSUM BOARD	RB
&	AND	, ,		SC
L APP.	ANGLE APPROVED	HKS HR.	HOOKS HANDRAIL	SCWD SCHED.
APPROX.	APPROXIMATE	HDW.	HARDWARE	SECT.
ARCH.	ARCHITECTURAL	HGT.	HEIGHT	S.G.P.
@ AT / FP	AT ANTI TERRORISM / FORCE PROTECTION	H. H.P.	HIGH HIGH POINT	SSK SHT. MET.
AVG.	AVERAGE	H.M.	HOLLOW METAL	SIM.
A.W.I.	ARCHITECTURAL WOODWORK INSTITUTE	HORIZ. HB	HORIZONTAL HOSE BIBB	STC SPEC(S)
B.H.M.I.	BUILDER'S HARDWARE MANUFACTURER'S		HEATING VENTILATION & AIR	SFRM
	ASSOCIATION, INC.		CONDITIONING	SQ.
BM. BLKG.	BEAM BLOCKING	IN.	INCH	ST. S.S.
BD.	BOARD	I.D.	INSIDE DIAMETER	STD.
BTM. BLDG.	BOTTOM	INSUL. INT.	INSULATION INTERIOR	STL. STOR.
B.U.R.	BUILDING BUILT-UP ROOFING	IIN I .	INTERIOR	STRUCT.
		JAN.	JANITOR	SUSP.
CFCI	CONTRACTOR FURNISHED CONTRACTOR INSTALLED	J.C. JT.	JANITOR'S CLOSET JOINT	TOIL. / TLT
CH.	CHANNEL	JST.	JOIST	TEL.
CPT.	CARPET	K.P.	KICK PLATE	THK. T'HOLD
CLG. CLG. HT.	CEILING CEILING HEIGHT	K.P.	RICK PLATE	TG
CTR.	CENTER	LAM.	LAMINATE	T/
€ C. TO C.	CENTER LINE CENTER TO CENTER	LDG. LAV.	LANDING LAVATORY	TOB TOC
C.T.	CERAMIC TILE	L.H.	LEFT HAND	T/C
CLR.	CLEAR	LHR	LEFT HAND REVERSE LIGHT	TOS T/W
C.O. CLOS.	CLEANOUT CLOSET	LT. LTG.	LIGHTING	TU
CO.	COMPANY	LONG.	LONGITUDINAL	TYP.
COL. CONC.	COLUMN CONCRETE	LVR. L.P.	LOUVER LOW POINT	U.L.
CORR.	CORRIDOR			UNFIN
COTR	CONTRACTING OFFICER'S TECHNICAL	MAS. M.O.	MASONRY MASONRY OPENING	U.N.O.
CMU	REPRESENTATIVE CONCRETE MASONRY UNIT	MGR.	MANAGER	VERT.
CONF.	CONFERENCE	MANUF.	MANUFACTURER	VEST.
CONST.	CONSTRUCTION CONTINUOUS	MATL. MAX.	MATERIAL MAXIMUM	VCT VCB
CONTR.	CONTRACTOR	MECH.	MECHANICAL	V.T.R.
C.J. C.Y.	CONTROL JOINT CUBIC YARD	MTL. M.W.P.	METAL METAL WALL PANEL	W.
C. T.	COBIC TARD	MIN.	MINIMUM	W/
DET.	DETAIL	MISC.	MISCELLANEOUS	W.C.
DIA. DIM.	DIAMETER DIMENSION	N.I.C.	NOT IN CONTRACT	WCO WD.
DISP.	DISPENSER	NO. (#)	NUMBER	WDW.
DR. DN.	DOOR DOWN	NTS NFPA	NOT TO SCALE NATIONAL FIRE PROTECTION	W.M.P. W/O
D.S.	DOWNSPOUT	NITA	ASSOCIATION	W.R.G.B.
DESC.	DESCRIPTION	0.0	ON CENTED	W.S.
DWG.	DRAWING	O.C. OFCI	ON CENTER OWNER FURNISHED	W.R.O.
EA.	EACH		CONTRACTOR INSTALLED	YD.
ELEC. EL.	ELECTRICAL OR ELECTRIC ELEVATION	OFGI O.H.	OWNER FURNISHED GOVERNMENT INSTALLED	
E.W.C.	ELECTRIC WATER COOLER	OPNG.	OPPOSITE HAND	
E.R.D.	EMERGENCY ROOF DRAIN EPOXY PAINT	O.W. OPP.	OPENING OPEN WEB	
E.P. ENGR.	ENGINEER	O.D.	OPPOSITE	
EQUIP.	EQUIPMENT	OSHA	OUTSIDE DIAMETER	
EQ. EXIST.	EQUAL EXISTING		OCCUPATIONAL SAFETY AND HEALTH ACT	
EXP.	EXPANSION / EXPOSED	OVHD	OVERHEAD	
E.J. (EXP. JT.)	EXPANSION JOINT	DDU	DOWED DISTRIBUTION UNIT	
EXP. TO STRUCT. EXT.	EXPOSED TO STRUCTURE EXTERIOR	PDU PEMB	POWER DISTRIBUTION UNIT PRE-ENGINEERED METAL	
ETD	ESTIMATED TRAVEL DISTANCE		BUILDING	
FAC.	FACTORY	PT PR.	PAINT PAIR	
FDC	FIRE DEPARTMENT CONNECTION	PNL.	PANEL	
FT.	FEET	PART.	PARTITION PLASTER OR PLASTIC	
F.E. F.E.C.	FIRE EXTINGUISHER FIRE EXTINGUISHER CABINET	PLAS. PL	PLASTER OR PLASTIC PLATE	
F.H.C.	FIRE HOSE CABINET	PLYWD.	PLYWOOD	

GENERAL NOTES:

OR INCOMPLETE CONDITION.

PROCEEDING WITH THE WORK.

WORK.

6. ALL WORK NOTED "N.I.C." IS NOT MEANT TO BE PART OF THE

CONSTRUCTION SCOPE OF WORK AGREEMENT.

ANY DIFFERING CONDITIONS BEFORE COMMENCEMENT OF WORK

COMMENCEMENT OF WORK.

11. DIMENSIONS NOTED AS 'HOLD' SHALL NOT VARY BY MORE THAN 1/8" FROM SIDE TO SIDE OR FROM FRONT TO BACK, FINISHED SURFACE TO FINISHED SURFACE.

12. NFPA 241, STANDARD FOR SAFEGUARDING CONSTRUCTION, AND ALTERATION OPERATIONS SHALL BE APPLIED. 13. WALL AND/OR CEILING ASSEMBLIES THAT ARE IDENTIFIED WITH A FIRE

PRODUCT MANUFACTURER'S STANDARDS.

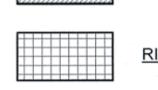
AUTHORITIES HAVING JURISDICTION.

SYMBOLS:

BATT INSULATION CONCRETE / GROUT



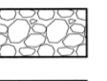
EXPOSED & FINISHED WOOD TRIM



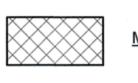
RIGID INSULATION

SAND / E.I.F.S. / PLASTER / STUCCO

PLYWOOD



<u>GRAVEL</u>



MASONRY - CONCRETE BLOCK



STEEL



MASONRY - BRICK

F.E.C.

F.H.C.

FIN.

F.P.

F.F.

FLR.

F.O.G. FTG.

FDN.

FV.

F.D. **FLUOR** FIRE HOSE CABINET

FINISHED FLOOR

FLOOR DRAIN

FLUORESCENT

FACE OF GIRT

FOUNDATION

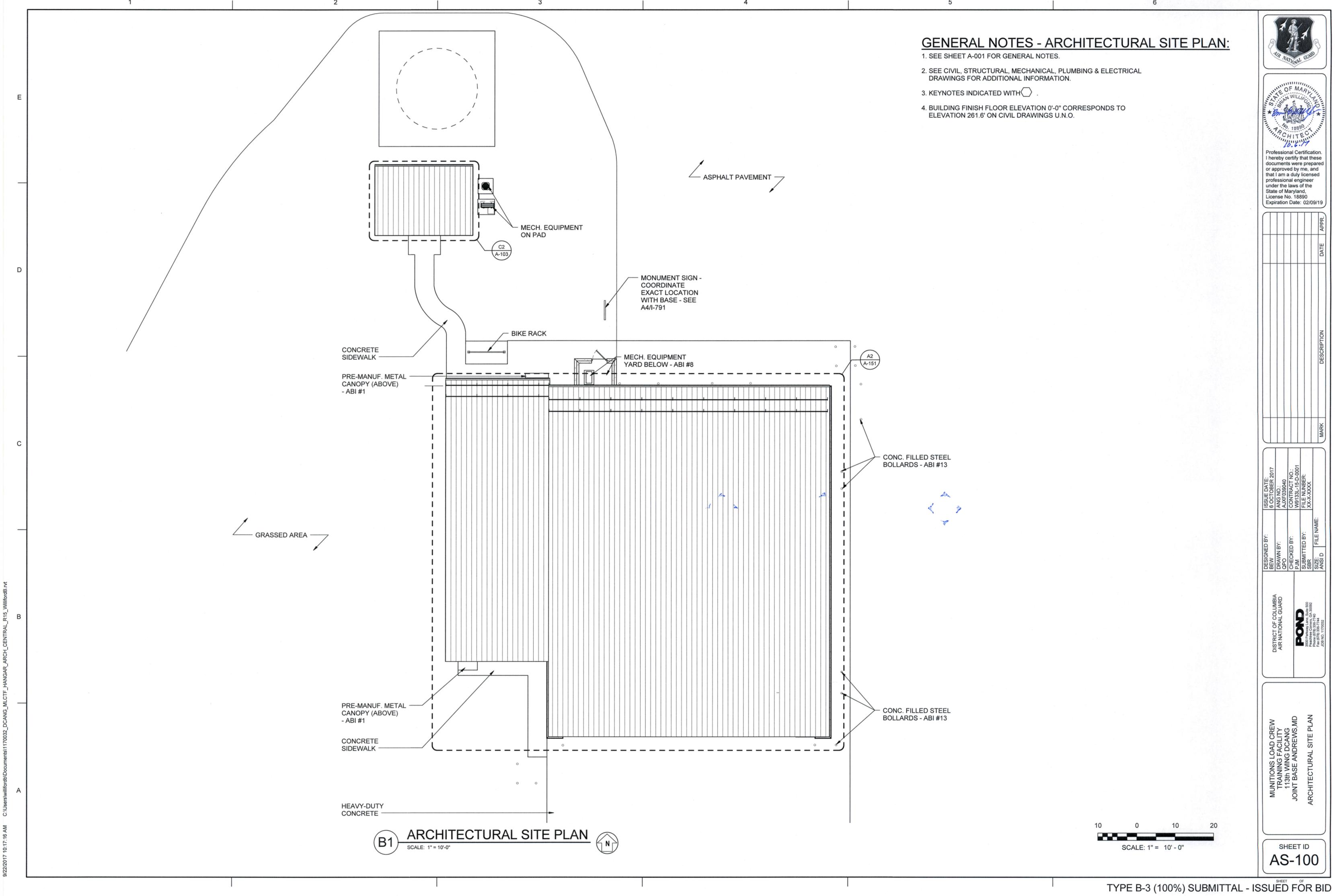
FIELD VERIFY

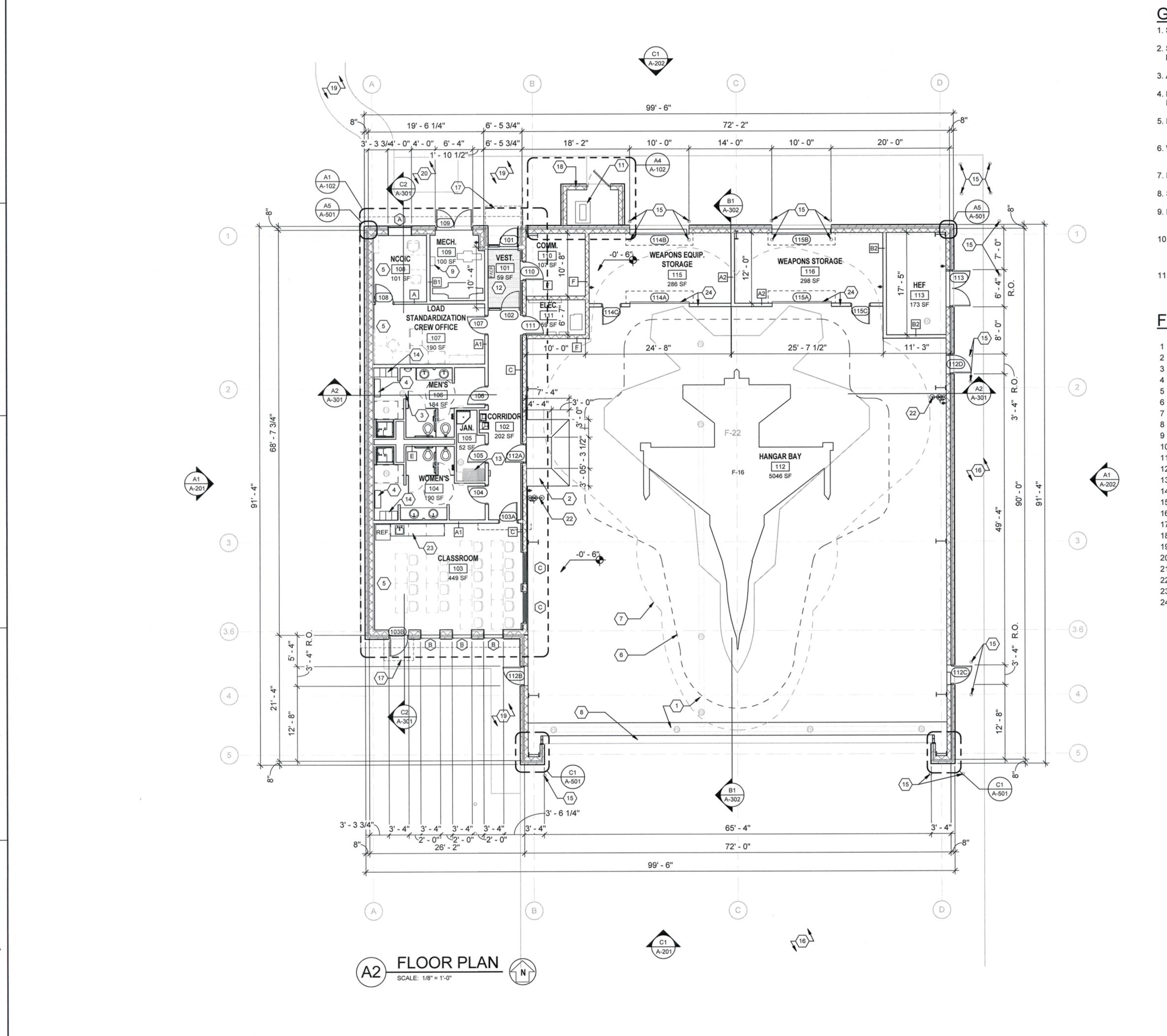
FOOTING

FINISH

FLOOR

FLAT PAINT





GENERAL NOTES - FLOOR PLAN:

1. SEE SHEET A-001 FOR GENERAL NOTES.

- 2. SEE STRUCTURAL, MECHANICAL, PLUMBING & ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- 3. ALL PARTITIONS ARE TYPE "A" U.N.O.
- 4. PARTITION TYPE INDICATED WITH . SEE SHEET A-371 FOR PARTITION TYPES.
- 5. DOORS INDICATED WITH . SEE SHEET A-601 FOR DOOR SCHEDULES & TYPES.
- WINDOWS INDICATED WITH . SEE SHEET A-611 FOR WINDOW TYPES.
- 7. KEYNOTES INDICATED WITH
- 8. SEE SHEET I-601 FOR ROOM FINISH SCHEDULE.
- 9. BUILDING FINISH FLOOR ELEVATION 0'-0" CORRESPONDS TO ELEVATION 261.6' ON CIVIL DRAWINGS U.N.O.
- 10. DIMENSIONS OF EXTERIOR WALLS ARE TO FACE OF EIFS AND FACE OF CMU U.N.O. INTERIOR WALLS ARE TO FACE OF METAL STUD AND FINISH FACE OF GWB U.N.O.
- 11. OUTLINE & CLEARANCE AREA OF AIRCRAFT SHALL BE FOR INFORMATION PURPOSES ONLY.

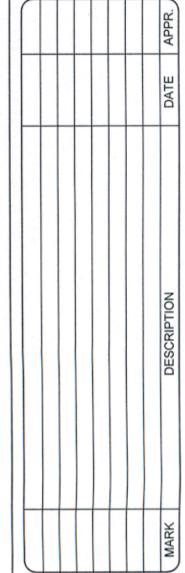
FLOOR PLAN KEYNOTES (():

- TRENCH DRAIN SEE PLUMBING DWG
- CONCRETE RAMP SEE STRUCTURAL
- FLOOR DRAIN SEE PLUMBING DWG
- 36" BENCH
- FURNITURE GFGI SEE ABI #11
- F-16 CLEARANCE AREA
- F-22 CLEARANCE AREA
- HANGAR DOOR (65' W x 24' H)
- HOT WATER HEATER
- 10 NOT IN USE
- 11 MECH. EQUIPMENT ON PAD
- 12 RECESSED FLOOR MAT
- 13 STORAGE SHELVING
- 14 12" W x 18" D x 72" H DOUBLE TIERED LOCKERS ABI #12
- 6" DIAMETER 42" HIGH STEEL BOLLARD; PAINT SAFETY YELLOW ABI #13
- HEAVY DUTY CONCRETE PAVEMENT; SEE CIVIL DWGS. PRE-MANUFACTURED METAL CANOPY (ABOVE) - ABI #1
- 18 CMU & BRICK EQUIPMENT YARD WALL ABI #8
- 19 CONCRETE SIDEWALK; SEE CIVIL DWGS.
- 20 BIKE RACK; SEE CIVIL DWGS.
- 21 PERSONNEL LOCKER ABI #12
- **EMERGENCY EYEWASH & SHOWER**
- CLASSROOM CABINETRY & ASSOCIATED FIXTURES ABI #7
- 24 INTERIOR PARTITION WALLS & OVERHEAD DOORS



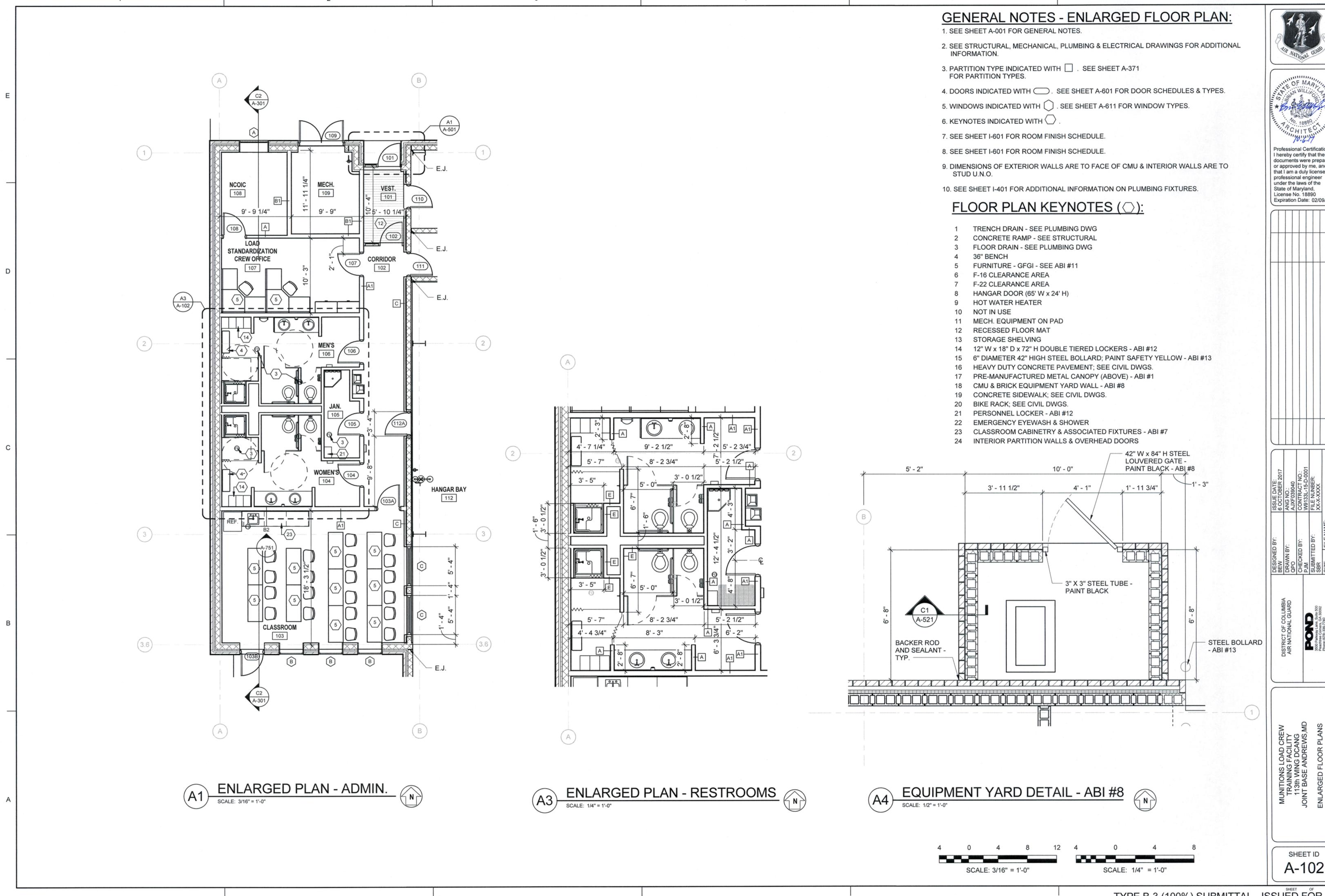


I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland, License No. 18890 Expiration Date: 02/09/19



SHEET ID A-101

SCALE: 1/8" = 1'-0"



I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed Expiration Date: 02/09/19

A-102

