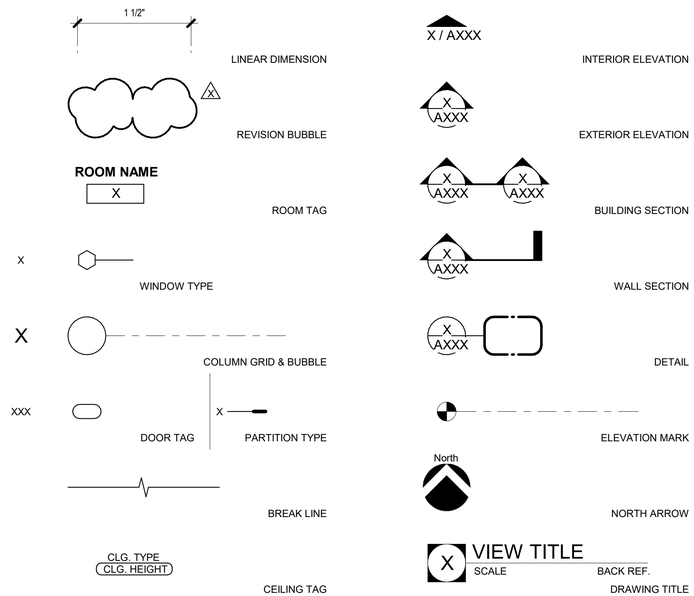
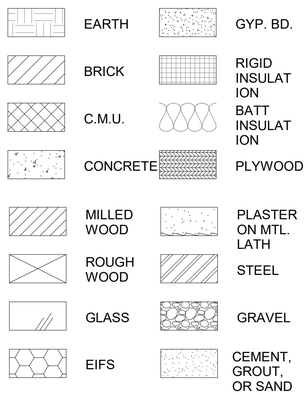
PROJECT ABBREVIATIONS

ABV	ABOVE	F.E.C.	FIRE EXTINGUISHER CABINET	PGLS	PLATE GLASS
A.F.F.	ABOVE FINISH FLOOR	F.H.C.	FIRE HOSE CABINET	PLYWD	PLYWOOD
ACOUS	ACOUSTICAL	FLASH	FLASHING	PP	POWER POLE
A/C	AIR CONDITIONING	FLR	FLOOR (ING)	P.V.C.	POLYVINYL CHLORIDE
ALT	ALTERNATE	FLCO	FLOOR CLEANOUT	P.C.C.	PRE-CAST CONCRETE
ALUM	ALUMINUM	F.D.	FLOOR DRAIN	PEMB	PRE-ENGINEERED METAL BUILDING
A.B.	ANCHOR BOLT	FLOUR	FLUORESCENT	PFAB	PREFABRICATED
L	ANGLE	FT	FOOT OR FEET	P.T.D.F.	PRESSURE TREATED DOUGLAS FIR
@	AT	FTG	FOOTING		
APPROX	APPROXIMATE	FDN	FOUNDATION		
ARCH	ARCHITECTURE (URAL)			PL	PROPERTY LINE
A.D.	AREA DRAIN	GALV	GALVANIZED		
A.C.	ASPHALT CONCRETE	GA	GAUGE		
ASPH	ASPHALT	G.C.	GENERAL CONTRACTOR	Q.T.	QUARRY TILE
		GLS	GLASS		
BM	BEAM	GLS BLK	GLASS BLOCK	RAD	RADIUS
BLW	BELOW	GLB	GLUE LAM BEAM	REDWD	REDWOOD
B.G.	BELOW GRADE	G.B.	GRAB BAR	REF or RE:	REFERENCE
B.M.	BENCH MARK	GR	GRADE, GRADING	REINF	REINFORCE (D) (ING)
BLK	BLOCK	GND	GROUND	RA	RETURN AIR
BLKG	BLOCKING	GYP BD	GYPSUM BOARD	REV	REVISION
BD	BOARD			REQD	REQUIRED (ING)
B.O.B.	BOTTOM OF BEAM	HC	HANDICAPPED	R.O.W.	RIGHT OF WAY
BOT	BOTTOM	HDW	HARDWARE	R	RISER
BLDG	BUILDING	HDR	HEADER	RF	ROOF
B.U.R.	BUILT-UP ROOFING	HVAC	HEATING/VENTILATION/ AIR CONDITIONING	RFG	ROOFING
				RD	ROOF DRAIN
CAB	CABINET	H.D.	HEAVY DUTY	RFH	ROOF HATCH
CFMS	COLD FORMED METAL STUD	HGT	HEIGHT	RM	ROOM
CRPT	CARPET	H.C.	HOLLOW CORE	R.O.	ROUGH OPENING
CSMT	CASEMENT	H.M. or HM	HOLLOW METAL		
CLG	CEILING	HORIZ	HORIZONTAL	SCH	SCHEDULE
CTR	CENTER	H.B.	HOSE BIBB	SEC	SECTION
CL	CENTER LINE	HR	HOUR	SFGL	SAFETY GLAZING
CEM	CEMENT			SHTG	SHEATHING
CLR	CLEAR	INCL	INCLUDE	SHT	SHEET
CLO	CLOSET	INFO	INFORMATION	SIM	SIMILAR
C.O.	CLEAN OUT	I.D.	INSIDE DIAMETER	SL	SKYLIGHT
COL	COLUMN	INSUL	INSULATE, INSULATION	SC	SOLID CORE
COMB	COMBINATION	INT	INTERIOR	S	SOUTH
CONC	CONCRETE	INSTALL	INSTALLATION	SPECS	SPECIFICATIONS
CMU	CONCRETE MASONRY UNIT			SQ	SQUARE
COND	CONDENSATE	JST	JOIST	SS	STAINLESS STEEL
CONN	CONNECTION	J	JOINT	STD	STANDARD
CONST	CONSTRUCTION			STL	STEEL
CONT	CONTINUOUS (ATION)	KO	KNOCKOUT	STOR	STORAGE
CONTR	CONTRACTOR	KPLT	KICKPLATE	SD	STORM DRAIN
C.J.	CONTROL JOINT			STRUCT	STRUCTURAL
CORR	CORRUGATED	L.B.	LAG BOLT	SUS	SUSPENDED
C.S.	COUNTERSINK	LAM	LAMINATE	S.C.	SUBCONTRACTOR
CFT	CUBIC FOOT	LT	LIGHT	SYS	SYSTEM
CYD	CUBIC YARD	LWC	LIGHTWEIGHT CONCRETE		
		LVR	LOUVER	TEL	TELEPHONE
DEMO	DEMOLITION			TEMP	TEMPORARY
DEPT	DEPARTMENT	MATL	MATERIAL	THK	THICK
DET	DETAIL	MGMT	MANAGEMENT	T & G	TONGUE AND GROOVE
DIAG	DIAGONAL	MFG	MANUFACTURER	T.O.B.	TOP OF BEAM
DIA	DIAMETER	MAS	MASONRY	T.O.C.	TOP OF CURB
DIM	DIMENSION	M.O.	MASONRY OPENING	T.O.L.	TOP OF LEDGER
DISP	DISPENSER	MAT	MATERIAL	T.O.P.	TOP OF PARAPET
DR	DOOR	MH	MANHOLE	T.O.P.	TOP OF PAVEMENT
DBL	DOUBLE	MAX	MAXIMUM	T.O.PL.	TOP OF PLATE
DN	DOWN	MECH	MECHANICAL	T.O.S.	TOP OF SLAB
D.S.	DOWN SPOUT	MBR	MEMBER	T.O.T.	TOP OF TRUSS
DWR	DRAWER	MEMB	MEMBRANE	T.O.W.	TOP OF WALL
DWG	DRAWING	MTL	METAL	T	TREAD
D	DRAIN	MTR	METER	TYP	TYPICAL
		MIN	MINIMUM	U.G.	UNDERGROUND
E	EAST	MISC	MISCELLANEOUS	UNF	UNFINISHED
EA	EACH			U.N.O.	UNLESS NOTED OTHERWISE
EL	ELEVATION	(N)	NEW	UR	URINAL
ELEC	ELECTRIC (AL)	NOM	NOMINAL	U	UTILITIES
ELEV	ELEVATOR	N	NORTH		
ENCL	ENCLOSE (URE)	N.I.C.	NOT IN CONTRACT	V.B.	VAPOR BARRIER
E.N.	END NAILING	N.T.S.	NOT TO SCALE	V.I.F.	VERIFY IN FIELD
ENG	ENGINEER (ING)	NO.	NUMBER	VERT	VERTICAL
EQ	EQUAL			VEST	VESTIBULE
EQUIP	EQUIPMENT	O.C.	ON CENTER	VIN.	VINYL
EXH	EXHAUST	OPAQ	OPAQUE	V.B.	VINYL BASE
(E)	EXISTING	OPNG	OPENING		
E.J.	EXPANSION JOINT	O.D.	OUTSIDE DIAMETER	W.H.	WALL HUNG
EXT	EXTERIOR	O.H.	OVERHEAD	W TO W	WALL TO WALL
		O/HANG	OVERHANG	W/C	WATER CLOSET
F.O.C.	FACE OF CONCRETE (CURB)			W/H	WATER HEATER
F.O.F.	FACE OF FINISH	PR	PAIR	WP	WATERPROOF
F.O.M.	FACE OF MASONRY	PKG	PARKING	W.R.	WATER RESISTANT
F.O.S.	FACE OF STUB	d	PENNY	WT	WEIGHT
FGLS	FIBERGLASS	P.C.F.	PER CUBIC FOOT	W.W.M.	WELDED WIRE MESH
F.N.	FIELD NAILING	P.L.F.	PER LINEAL FOOT	W	WEST
FIN	FINISH	P.S.F.	PER SQUARE FOOT	WDW	WINDOW
F.G.	FINISH GRADE	P.S.I.	PER SQUARE INCH	W/	WITH
F.F.	FINISH FLOOR	P	PLATE	W/IN	WITHIN
F.F.E.	FINISH FLOOR ELEVATION	PL	PLATE LINE	W/O	WITHOUT
F.A.	FIRE ALARM			WD	WOOD
F.E.	FIRE EXTINGUISHER			W.B.	WOOD BASE
F.E.B.	FIRE EXTINGUISHER ON BRACKET			W.I.	WROUGHT IRON

REFERENCE SYMBOLS



MATERIALS LEGEND



NOTES - GENERAL

1. ALL DIMENSIONS ARE IN FEET / INCHES UNLESS NOTED OTHERWISE
2. THESE GENERAL NOTES ARE NOT INTENDED TO REPLACE SPECIFICATIONS - REFER TO SPECIFICATIONS FOR REQUIREMENTS IN ADDITION TO GENERAL NOTES
3. THE TERMS RENOVATE AND REHABILITATE ARE USED INTERCHANGEABLY IN THESE DOCUMENTS.
4. ROOM AREAS AND PERIMETERS ARE APPROXIMATE AND FOR REFERENCE ONLY. VERIFY QUANTITIES AND DIMENSIONS IN FIELD.
5. NO DEVIATIONS FROM THESE CONTRACT DOCUMENTS SHALL BE MADE WITHOUT THE PRIOR WRITTEN APPROVAL OF THE ARCHITECT
6. DO NOT SCALE DIMENSIONS FROM DRAWINGS - THE CONTRACTOR SHALL REQUEST NECESSARY DIMENSIONS NOT SHOWN ON THE DRAWINGS FROM THE ARCHITECT
7. ALL DIMENSIONS ARE TO FACE OF PARTITION OR EDGE OF DOORS, WINDOWS AND OPENINGS UNLESS NOTED OTHERWISE - ALL NON-DIMENSIONED DOOR LOCATIONS SHALL BE OFFSET 4" FROM THE ADJACENT WALL TO THE HINGE SIDE OF THE DOOR OPENING.
8. DETAILS SHOWN ON DRAWINGS ARE TYPICAL FOR ALL SIMILAR CONDITIONS.
9. DRAWING NOTES AND SPECIFICATIONS ARE INSTRUCTIONS TO THE CONTRACTOR AND APPLY TO ALL THE WORK UNLESS MORE SPECIFIC INFORMATION IS SHOWN ELSEWHERE ON THE DRAWINGS OR WRITTEN IN THE SPECIFICATIONS - IN THE EVENT OF CONFLICTING INSTRUCTIONS, THE ARCHITECT SHALL DETERMINE WHAT CONTROLS
10. VERIFY ALL DIMENSIONS IN THE FIELD AND COORDINATE DIMENSIONS SHOWN ON THE CONTRACT DRAWINGS WITH FABRICATION AND FIELD CONDITIONS AND REPORT ANY INCONSISTENCIES TO THE ARCHITECT BEFORE PROCEEDING WITH WORK
11. PRINCIPAL OPENINGS IN THE STRUCTURE ARE SHOWN ON THESE DRAWINGS - THE GENERAL CONTRACTOR SHALL EXAMINE THE ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS FOR REQUIRED OPENINGS GENERAL CONTRACTOR SHALL VERIFY SIZE AND LOCATION OF ALL OPENINGS WITH ALL SUB-CONTRACTORS PRIOR TO CONSTRUCTION
12. STRUCTURAL DRAWINGS AND SPECIFICATIONS REPRESENT THE FINISHED STRUCTURE, AND, EXCEPT WHERE SPECIFICALLY SHOWN, DO NOT INDICATE THE METHOD OR MEANS OF CONSTRUCTION - THE CONTRACTOR SHALL SUPERVISE CONSTRUCTION MEANS, METHODS, PROCEDURES, TECHNIQUES, SEQUENCE, AND APPLICABLE SAFETY REGULATIONS TO BE FOLLOWED
13. CONTRACTOR SHALL BE RESPONSIBLE FOR SCHEDULING AND COORDINATING THE WORK OF THE SUB-CONTRACTORS - THE CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE WITH THE BUILDING OWNER, TENANT OR HIS REPRESENTATIVES THE DELIVERY AND INSTALLATION OF ITEMS BEING PROVIDED AND INSTALLED BY OTHERS
14. MECHANICAL, PLUMBING AND ELECTRICAL WORK RELATED TO DEMOLITION AND NEW INSTALLATION OF COMPONENTS SHALL COMPLY WITH ALL APPLICABLE CODES
15. ALL MATERIALS, FABRICATION AND INSTALLATION SHALL COMPLY WITH THE APPLICABLE REQUIREMENTS AND SPECIFICATIONS FOR EACH DIVISION OF WORK
16. CONSTRUCTION MUST COMPLY WITH APPLICABLE CODES AND ORDINANCES, LAWS AND SAFETY ORDERS AS DIRECTED BY LOCAL JURISDICTION
17. CONTRACTOR SHALL BE RESPONSIBLE FOR THE TIMELY ORDERING OF MATERIALS INCLUDED IN THESE CONTRACT DOCUMENTS - SOME ITEMS IN THESE DOCUMENTS MAY REQUIRE LONG LEAD TIMES OR SPECIAL COORDINATION SUBSTITUTIONS WILL NOT BE ALLOWED FOR MATERIAL NOT ORDERED IN A TIMELY FASHION
18. CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND GRADE CONDITIONS, (BOTH NEW AND EXISTING) REPORTING ANY DISCREPANCIES TO THE ARCHITECT PRIOR TO ORDERING MATERIALS OR PROCEEDING WITH ANY PHASE OF THE WORK
19. CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS PRIOR TO COMMENCING CONSTRUCTION - ALL DISCREPANCIES SHALL BE NOTED AND SENT TO THE ARCHITECT WITH ADEQUATE TIME TO REVIEW PRIOR TO STARTING THAT PORTION OF THE WORK IN ORDER TO AVOID PROJECT DELAYS
20. CONTRACTOR SHALL CLEAN, PATCH AND REPAIR ALL SURFACES DAMAGED BY DEMOLITION, ALTERATION OR INSTALLATION OF THE WORK
21. CONTRACTOR SHALL PREPARE ALL WALLS AND PARTITIONS AS REQUIRED BY THE FINISH MANUFACTURER TO RECEIVE THE FINISHES SPECIFIED
22. CONTRACTOR SHALL PROTECT ALL MONUMENTS, IRON PINS, AND PROPERTY CORNERS DURING CONSTRUCTION
23. CONTRACTOR SHALL PROVIDE ADDITIONAL FURRING (THE ENTIRE LENGTH OF THE WALL) TO FULLY CONCEAL ALL MECHANICAL, ELECTRICAL, PLUMBING AND STRUCTURAL ITEMS THAT PROJECT FROM THE FACE OF THE WALL OR PARTITION AND ARE NOT SPECIFICALLY NOTED TO BE SURFACE MOUNTED
24. CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR BUILDING DIMENSIONS, BUILDING UTILITY ENTRANCE LOCATIONS AND EXACT LOCATIONS AND DIMENSIONS OF EXITS, CANOPIES, RAMPS, DOWNSPOUTS, GRAVEL AREAS ADJACENT TO BUILDING WALLS, UTILITY ENTRANCE LOCATIONS AND BOLLARDS IN BUILDING WALKWAYS
25. CONTRACTOR SHALL VISIT THE SITE AND VERIFY ALL EXISTING CONDITIONS PRIOR TO COMMENCING CONSTRUCTION - ALL DISCREPANCIES SHALL BE NOTED AND SENT TO THE ARCHITECT WITH ADEQUATE TIME TO REVIEW PRIOR TO STARTING THAT PORTION OF THE WORK IN ORDER TO AVOID PROJECT DELAYS
26. CONTRACTOR TO PROVIDE PORTABLE FIRE EXTINGUISHERS IN ACCORDANCE WITH LOCAL JURISDICTION AND NFPA 10. MAXIMUM TRAVEL DISTANCE TO NEAREST FIRE EXTINGUISHER FROM ANY POINT IN THE BUILDING SHALL NOT EXCEED 75 FEET. EXISTING FIRE EXTINGUISHERS SHALL BE TESTED AND RE-USED IF FULLY OPERATIONAL. FIRE EXTINGUISHERS SHALL BE SIZED FOR NO LESS THAN ORDINARY HAZARD.
27. REMOVE AND REINSTALL PICTURES, TV'S, BULLETIN BOARDS ETC, PRIOR TO AND AFTER PAINTING
28. ALL REQUESTS FROM INFORMATION PROMPTED BY THE BUILDING OFFICIALS SHALL INCLUDE A COPY OF THE BUILDING OFFICIALS COMMENTS AND THE BUILDING INSPECTORS FIELD REPORT TO ENSURE AN ACCURATE AND TIMELY RESPONSE
29. CONTRACTOR AND SUBCONTRACTOR SHALL ALL BE LICENSED TO PERFORM THEIR REQUESTED DUTIES AS REQUIRED IN ACCORDANCE WITH LOCAL STANDARDS
30. CONTRACTOR SHALL COMPARE STRUCTURAL SECTIONS WITH ARCHITECTURAL SECTIONS AND REPORT ANY DISCREPANCY TO THE ARCHITECT PRIOR TO FABRICATION OR INSTALLATION OF STRUCTURAL MEMBERS

JONESBORO MUNICIPAL AIRPORT

ARFF REPLACEMENT

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STATE OF ARKANSAS
02-26-2021

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CONSTRUCTION DOCUMENTS

PROJECT NO.
2034

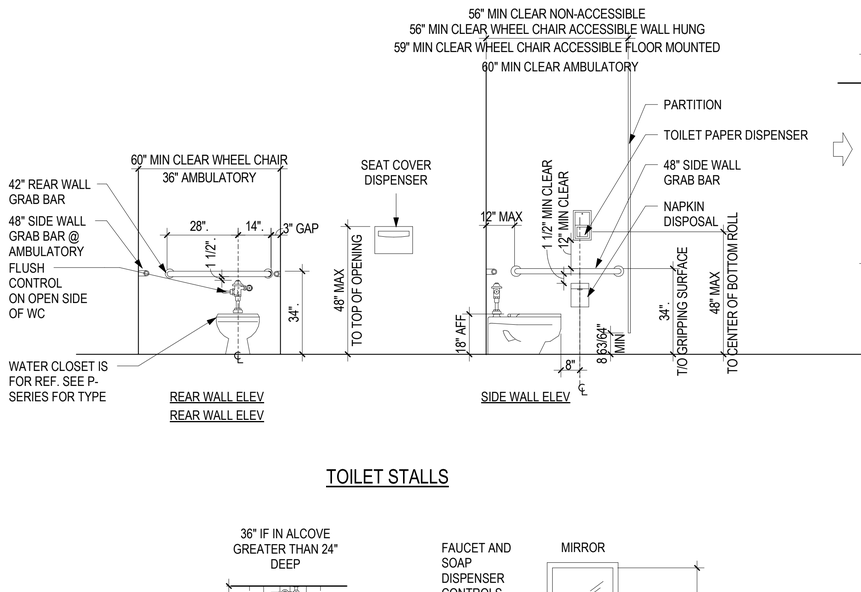
PROJECT NAME
ARFF REPLACEMENT

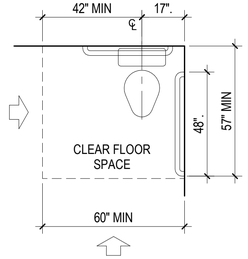
DATE
02-26-2021

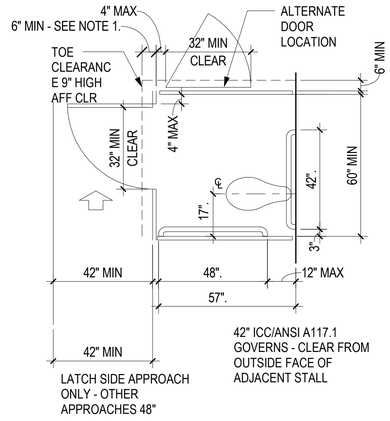
CONTENTS
ARCHITECTURAL
GENERAL NOTES
ANNOTATION AND
MATERIAL LEGEND

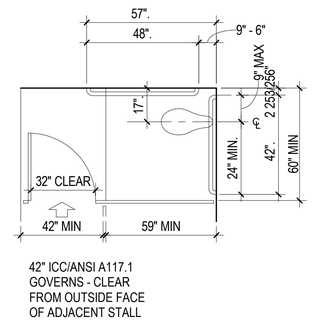
SHEET NUMBER
A-001

3/9/2021 9:47:48 AM





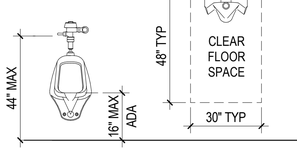




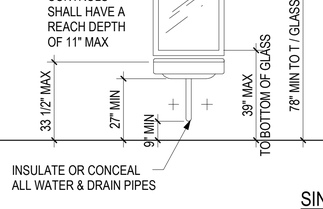
1. TOE CLEARANCE AT THE FRONT OF THE PARTITION IS NOT REQUIRED IN A COMPARTMENT GREATER THAN 62" DEEP WITH A WALL-HUNG WATER CLOSET OR 65" DEEP WITH A FLOOR-MOUNTED WATER CLOSET. TOE CLEARANCE AT THE SIDE IS NOT REQUIRED IN A COMPARTMENT GREATER THAN 66" WIDE.
2. WHERE 6 OR MORE STALLS ARE PROVIDED, IN ADDITION TO STANDARD STALL, PROVIDE AT LEAST 1 AMBULATORY STALL 36" WIDE WITH A DOOR THAT SWINGS OUT AND THE DEPTH OF THE STALL AS REQUIRED TO ACCOMMODATE LENGTH OF GRAB BAR. STALL SHALL BE IN ACCORDANCE TO APPLICABLE PLUMBING CODE.

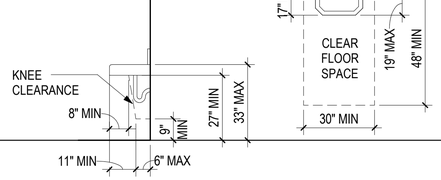
TOILET STALLS

TOILET ROOMS WITH STALLS

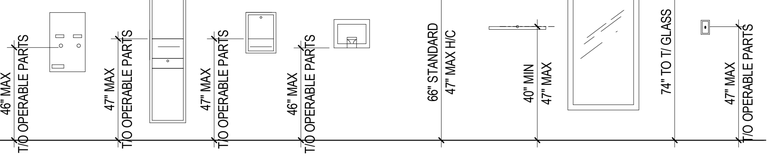


URINAL

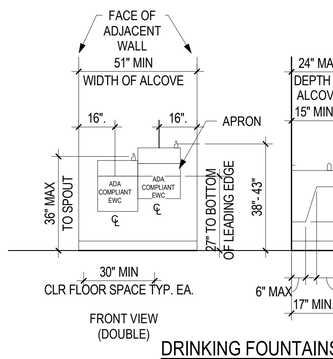




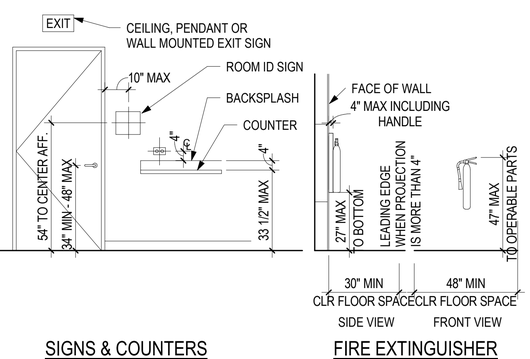
SINKS



TOILET FIXTURES & ACCESSORIES

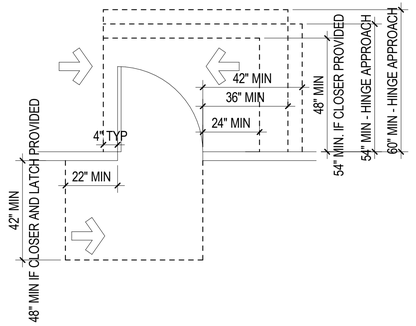


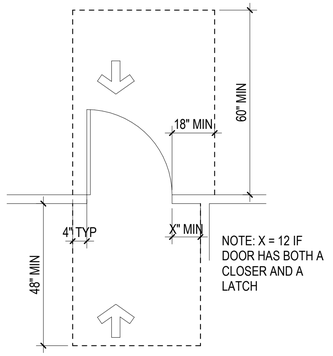
DRINKING FOUNTAINS



SIGNS & COUNTERS

FIRE EXTINGUISHER





DOOR CLEARANCES

3/9/2021 9:47:49 AM

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LINDBERGH DRIVE, JONESBORO, AR 72401

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02-26-2021

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CONSTRUCTION DOCUMENTS

PROJECT NO.
2034

PROJECT NAME
ARFF REPLACEMENT

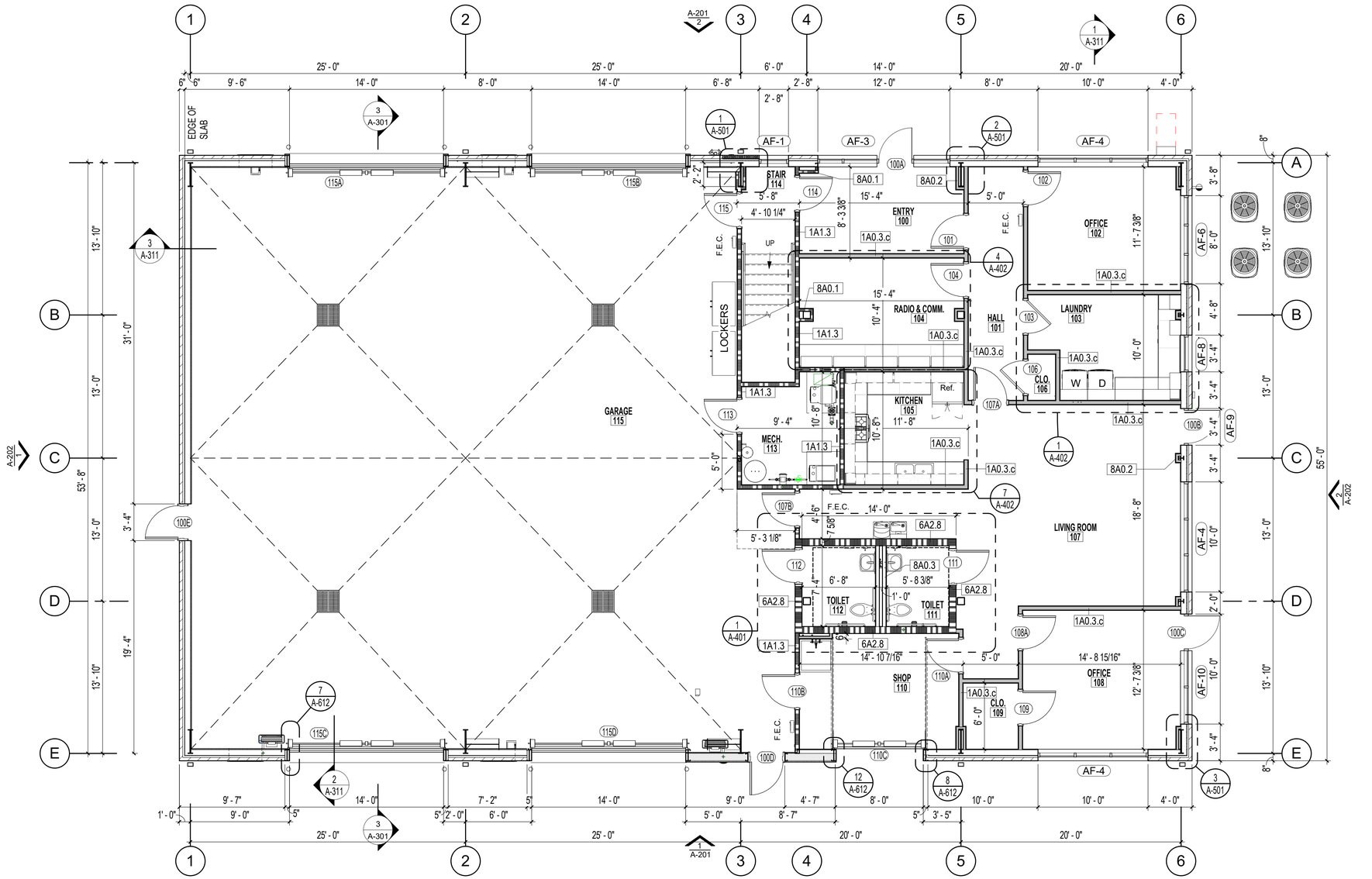
DATE
02-26-2021

CONTENTS
TYPICAL ADA DETAILS

SHEET NUMBER
A-002

SHEET NOTES - FLOOR PLAN

1. ALL DOORS SHALL BE LOCATED 4" FROM ADJACENT WALL (DOOR FRAME SHALL BE 2" FROM ADJACENT WALL) U.N.O.
2. DEVICES WHICH PENETRATE FIRE RATED WALLS MUST BE SEALED AND DAMPERED TO RESIST FIRE & SMOKE.
3. ALL DIMENSIONS ARE TO FACE OF MATERIAL U.N.O.
4. GENERAL CONTRACTOR AND SUBCONTRACTORS SHALL BE RESPONSIBLE FOR COORDINATING THE WORK OF ALL ARCHITECTURAL DRAWINGS WITH ARCHITECTURAL SCHEDULES. ANY DISCREPANCY REASONABLY DISCOVERABLE WITH DUE DILIGENCE SHALL BE NOTED AS A QUALIFICATION TO THE GENERAL CONTRACTOR'S BID SUBMISSION. ANY REASONABLY DISCOVERABLE DISCREPANCY NOT INDICATED AS A QUALIFICATION SHALL BE CONSTRUED IN FAVOR OF THE OWNER AT NO COST.
5. PROVIDE CONTROL JOINTS IN GYP. BD. AT 30' MAXIMUM INTERVALS, OR WHEN APPROPRIATE.
6. FIELD VERIFY ALL DIMENSIONS LOCATED IN EXISTING CONSTRUCTION PRIOR TO PROCEEDING WITH ANY WORK
7. PROVIDE 4" RUBBER WALL BASE (BASIS OF DESIGN- JOHNSONITE BASEWALLS TYPE TS) ON ALL WALLS WITHIN SCOPE OF WORK WHERE WALLS AND FLOORING ARE MODIFIED AND/OR NEW.



NORTH

FLOOR PLAN
3/16" = 1'-0"

SCALE : 3/16" = 1'-0"

3/9/2021 9:47:52 AM

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LINDBERGH DRIVE, JONESBORO, AR 72401

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CONSTRUCTION DOCUMENTS

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2034

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ARFF REPLACEMENT

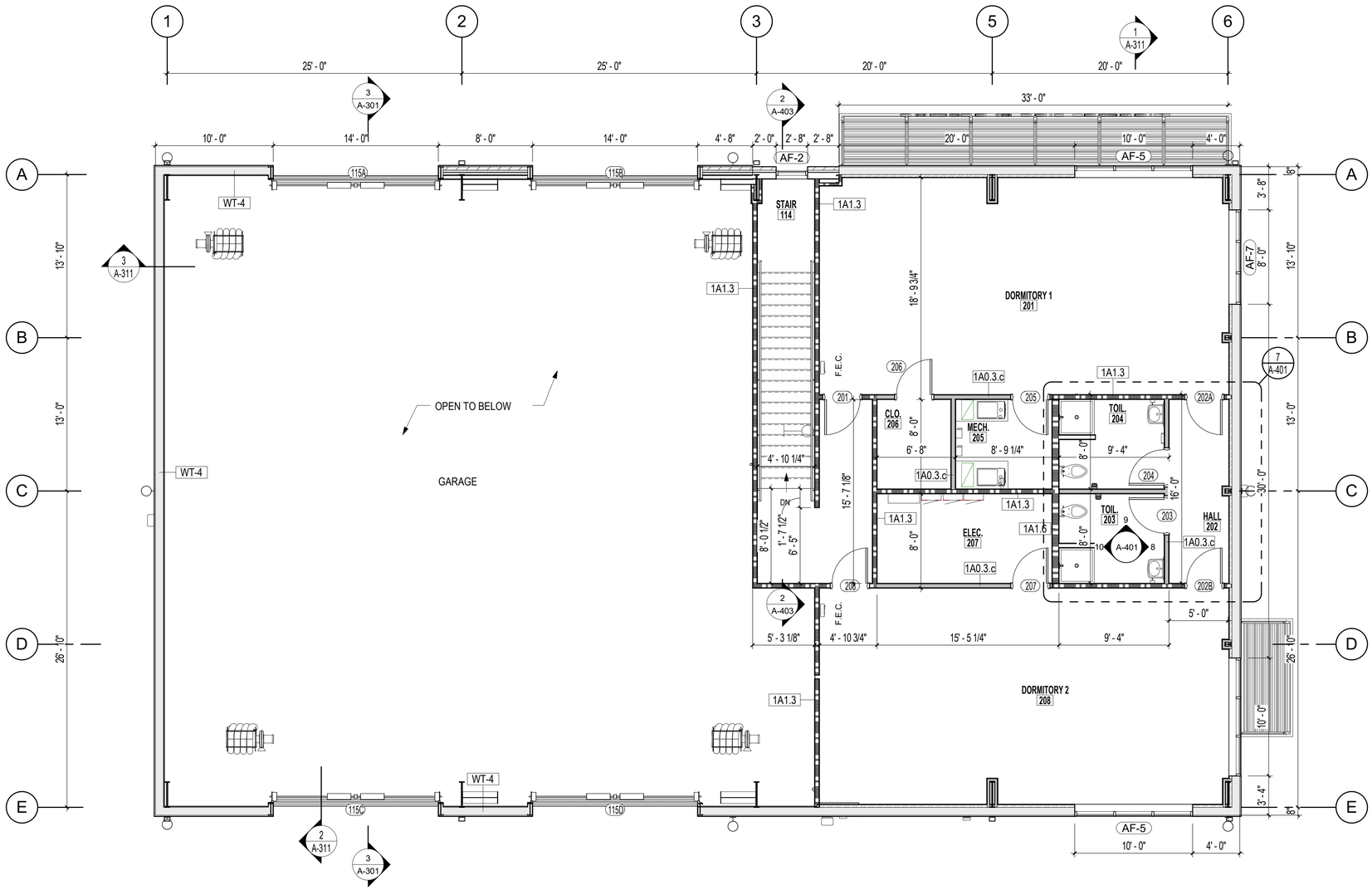
DATE
02-26-2021

CONTENTS
FIRST FLOOR PLAN

SHEET NUMBER
A-110

SHEET NOTES - FLOOR PLAN

1. ALL DOORS SHALL BE LOCATED 4" FROM ADJACENT WALL (DOOR FRAME SHALL BE 2" FROM ADJACENT WALL) U.N.O.
2. DEVICES WHICH PENETRATE FIRE RATED WALLS MUST BE SEALED AND DAMPERED TO RESIST FIRE & SMOKE.
3. ALL DIMENSIONS ARE TO FACE OF MATERIAL U.N.O.
4. GENERAL CONTRACTOR AND SUBCONTRACTORS SHALL BE RESPONSIBLE FOR COORDINATING THE WORK OF ALL ARCHITECTURAL DRAWINGS WITH ARCHITECTURAL SCHEDULES. ANY DISCREPANCY REASONABLY DISCOVERABLE WITH DUE DILIGENCE SHALL BE NOTED AS A QUALIFICATION TO THE GENERAL CONTRACTOR'S BID SUBMISSION. ANY REASONABLY DISCOVERABLE DISCREPANCY NOT INDICATED AS A QUALIFICATION SHALL BE CONSTRUED IN FAVOR OF THE OWNER AT NO COST.
5. PROVIDE CONTROL JOINTS IN GYP. BD. AT 30' MAXIMUM INTERVALS, OR WHEN APPROPRIATE.
6. FIELD VERIFY ALL DIMENSIONS LOCATED IN EXISTING CONSTRUCTION PRIOR TO PROCEEDING WITH ANY WORK
7. PROVIDE 4" RUBBER WALL BASE (BASIS OF DESIGN- JOHNSONITE BASEWALLS TYPE TS) ON ALL WALLS WITHIN SCOPE OF WORK WHERE WALLS AND FLOORING ARE MODIFIED AND/OR NEW.



NORTH

MEZZANINE FLOOR PLAN

3/16" = 1'-0"

SCALE : 3/16" = 1'-0"

0 4 8 16

3/9/2021 9:47:54 AM

JONESBORO MUNICIPAL AIRPORT

ARFF REPLACEMENT

LINDBERGH DRIVE, JONESBORO, AR 72401

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CONSTRUCTION DOCUMENTS

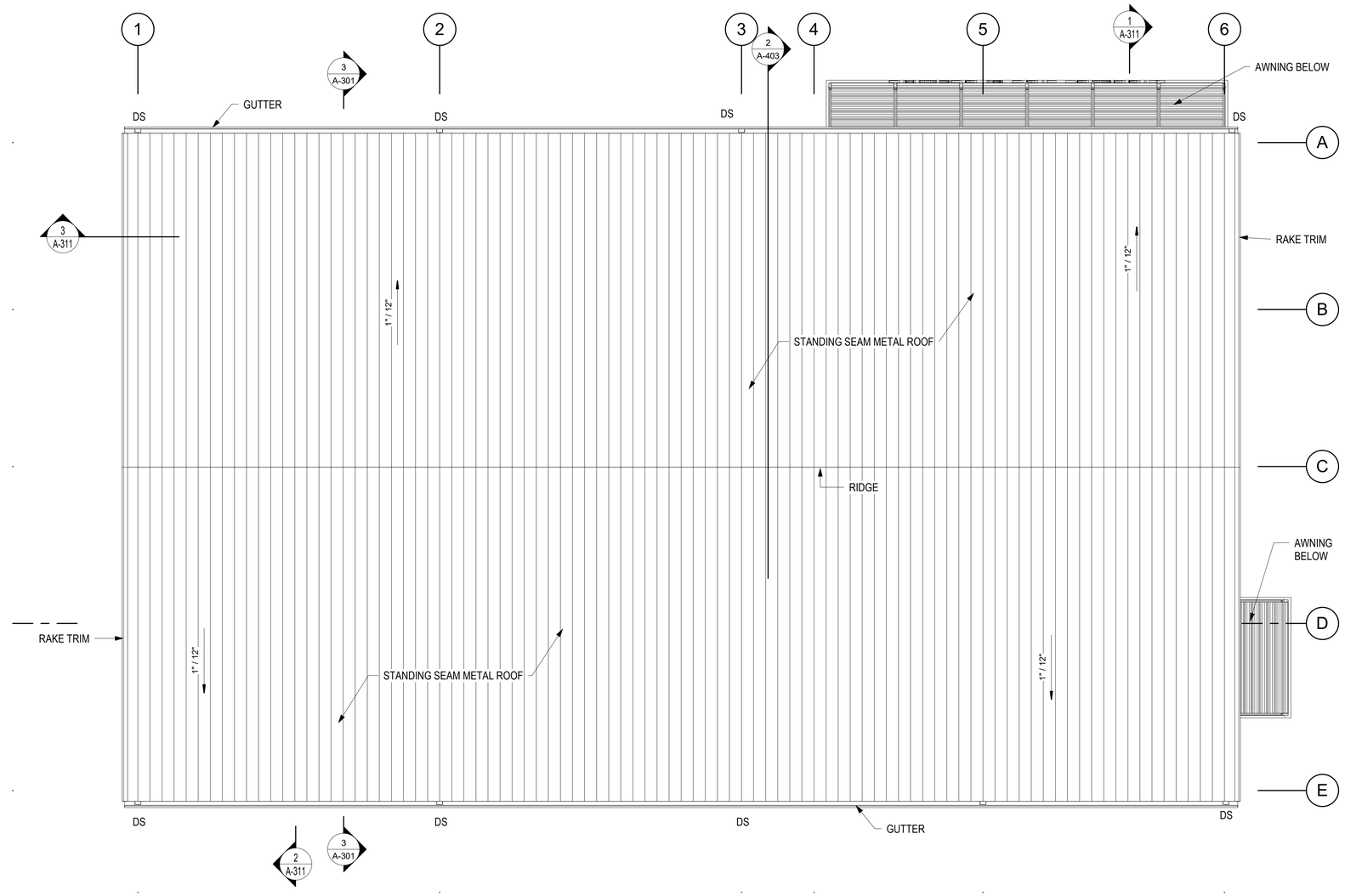
PROJECT NO.
2034

PROJECT NAME
ARFF REPLACEMENT

DATE
02-26-2021

CONTENTS
MEZZANINE FLOOR PLAN

SHEET NUMBER
A-111



1 ROOF PLAN
3/16" = 1'-0" 1 / A-201

0 4 8 16
SCALE : 3/16" = 1'-0"

3/9/2021 9:47:55 AM

JONESBORO MUNICIPAL AIRPORT

ARFF REPLACEMENT

LINDBERGH DRIVE, JONESBORO, AR 72401

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CONSTRUCTION DOCUMENTS

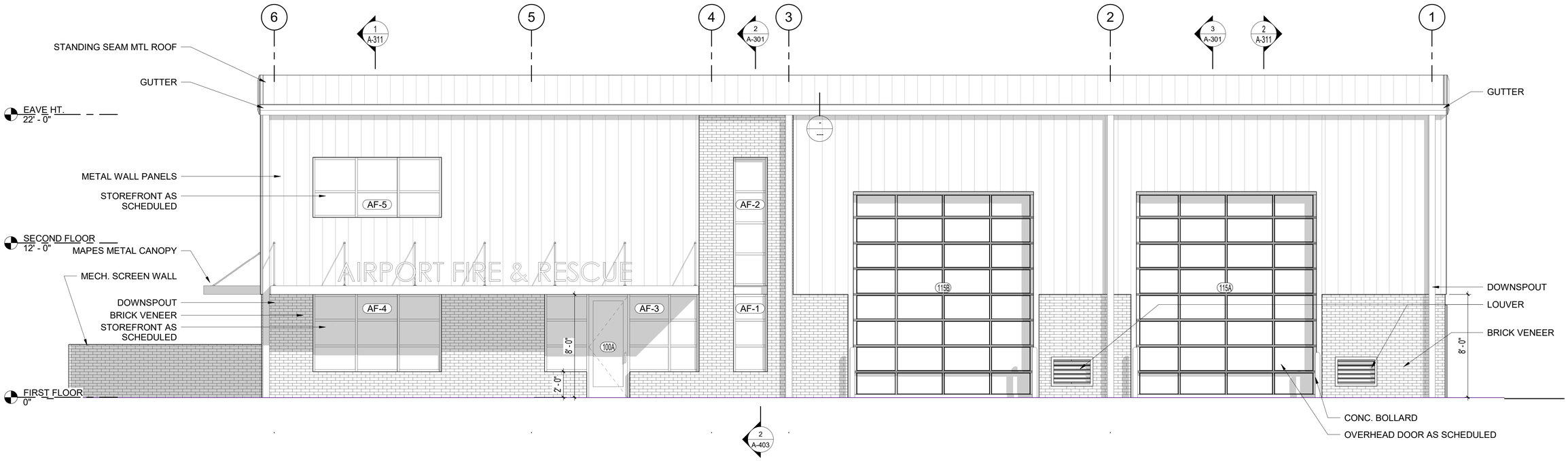
PROJECT NO.
2034

PROJECT NAME
ARFF REPLACEMENT

DATE
02-26-2021

CONTENTS
ROOF PLAN

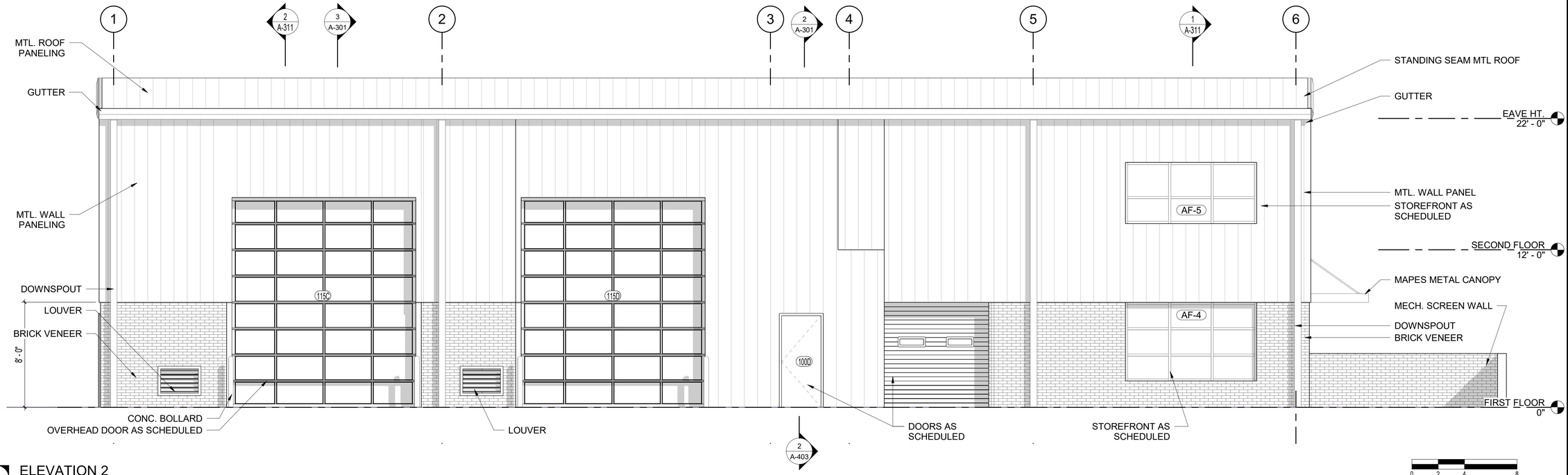
SHEET NUMBER
A-130



2 ELEVATION 1

1/4" = 1'-0" 1 / A-110

SCALE : 1/4" = 1'-0"



1 ELEVATION 2

1/4" = 1'-0" 1 / A-110

SCALE : 1/4" = 1'-0"

3/9/2021 9:48:01 AM

JONESBORO MUNICIPAL AIRPORT

ARFF REPLACEMENT

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CONSTRUCTION DOCUMENTS

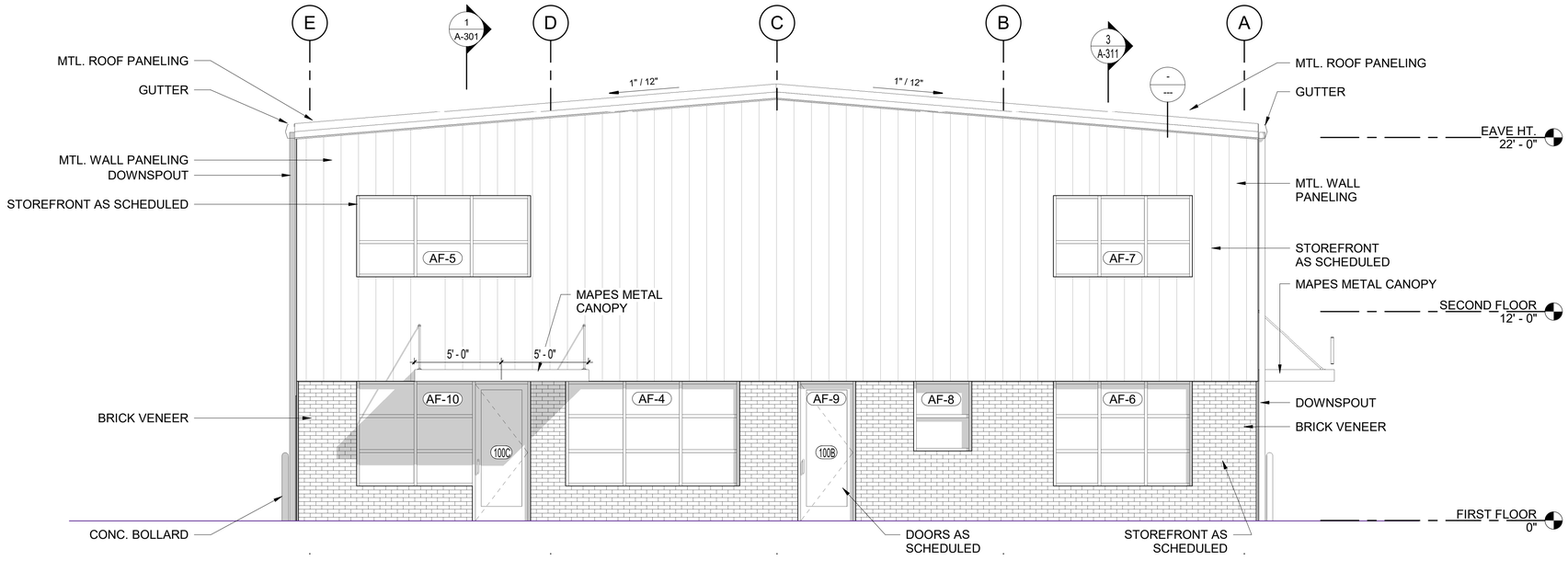
PROJECT NO.
2034

PROJECT NAME
ARFF REPLACEMENT

DATE
02-26-2021

CONTENTS
EXTERIOR ELEVATIONS

SHEET NUMBER
A-201

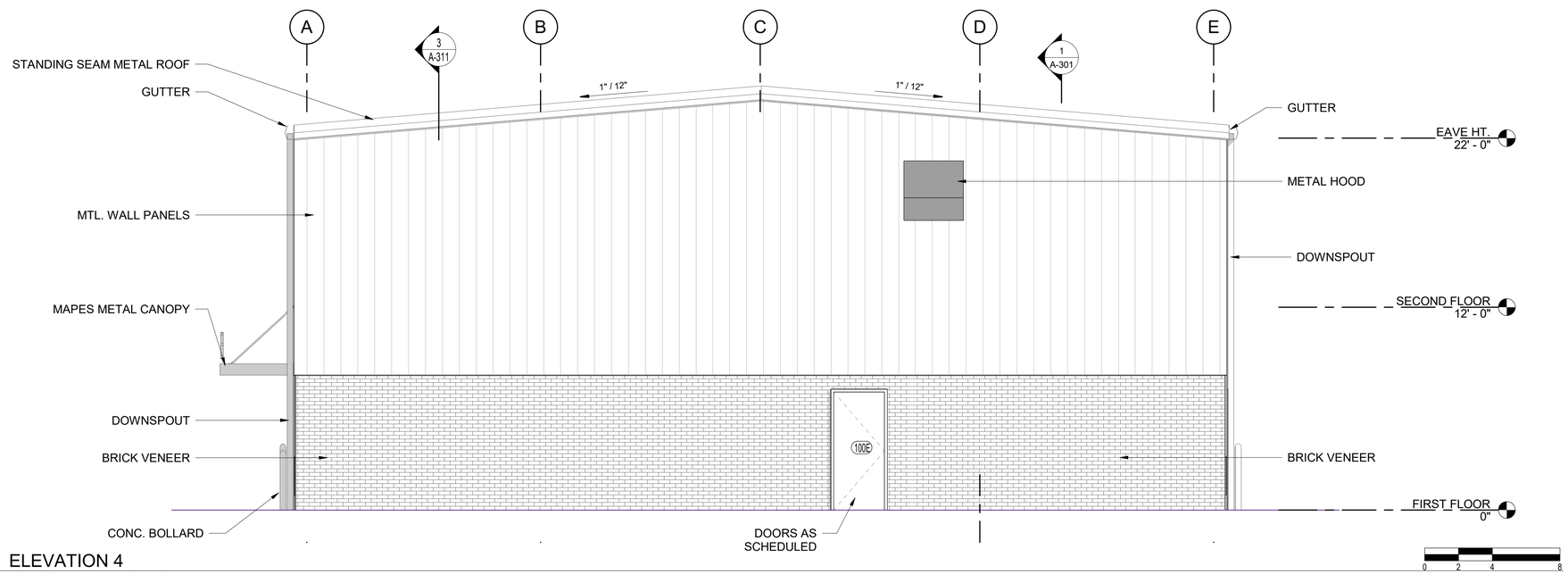


2 ELEVATION 3

1/4" = 1'-0" 1 / A-110

0 2 4 8

SCALE : 1/4" = 1'-0"



1 ELEVATION 4

1/4" = 1'-0" 1 / A-110

0 2 4 8

SCALE : 1/4" = 1'-0"

3/9/2021 9:48:05 AM

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ARFF REPLACEMENT

LINDBERGH DRIVE, JONESBORO, AR 72401

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CONSTRUCTION DOCUMENTS

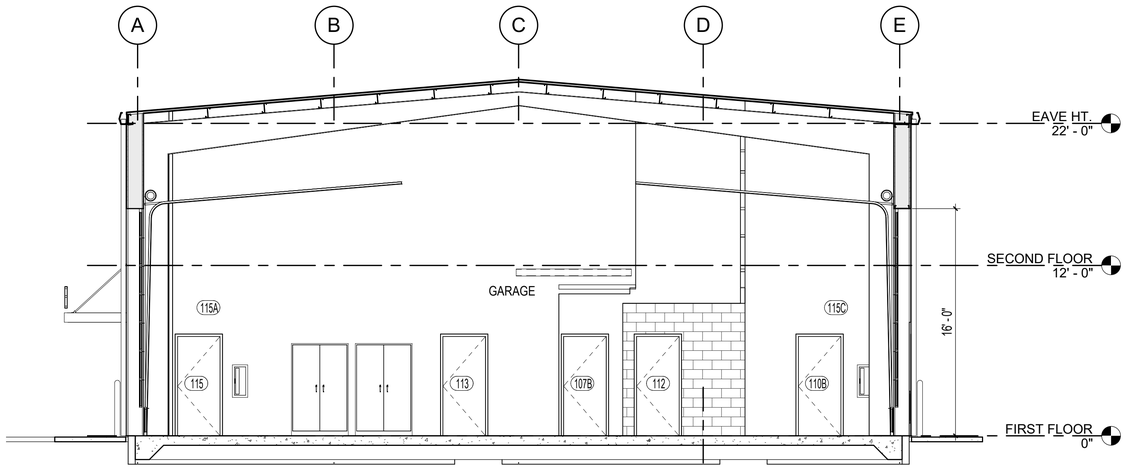
PROJECT NO.
2034

PROJECT NAME
ARFF REPLACEMENT

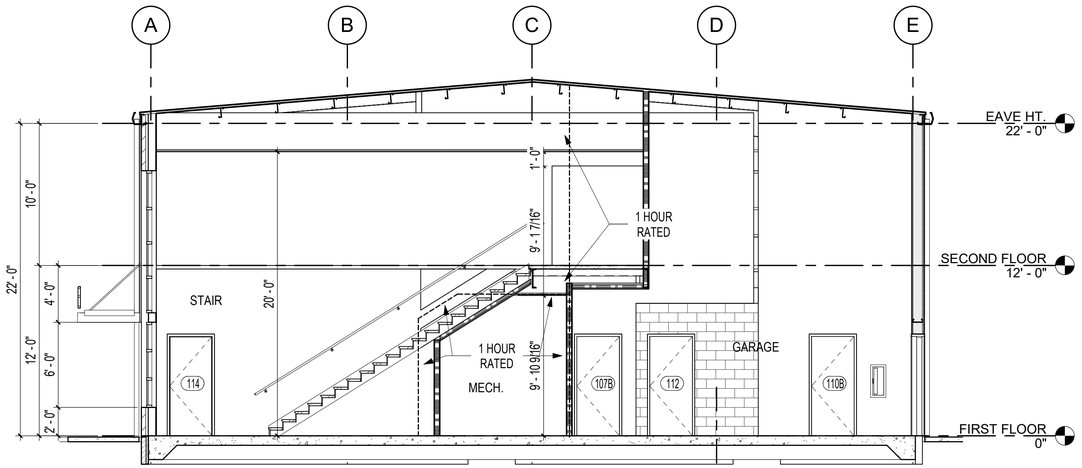
DATE
02-26-2021

CONTENTS
EXTERIOR ELEVATIONS

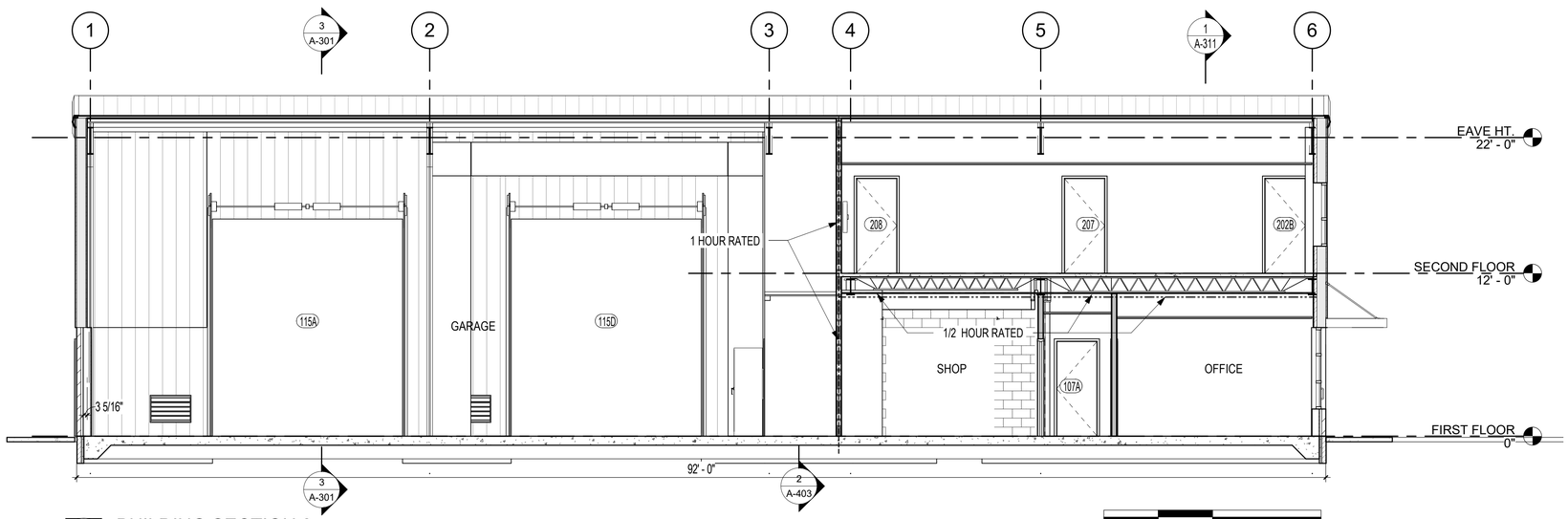
SHEET NUMBER
A-202



3 BUILDING SECTION 1
3/16" = 1'-0" 1 / A-110



2 BUILDING SECTION 2
3/16" = 1'-0" 1 / A-201



1 BUILDING SECTION 3
3/16" = 1'-0" 1 / A-202

3/9/2021 9:48:07 AM

JONESBORO MUNICIPAL AIRPORT

ARFF REPLACEMENT

LINDBERGH DRIVE, JONESBORO, AR 72401

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CONSTRUCTION DOCUMENTS

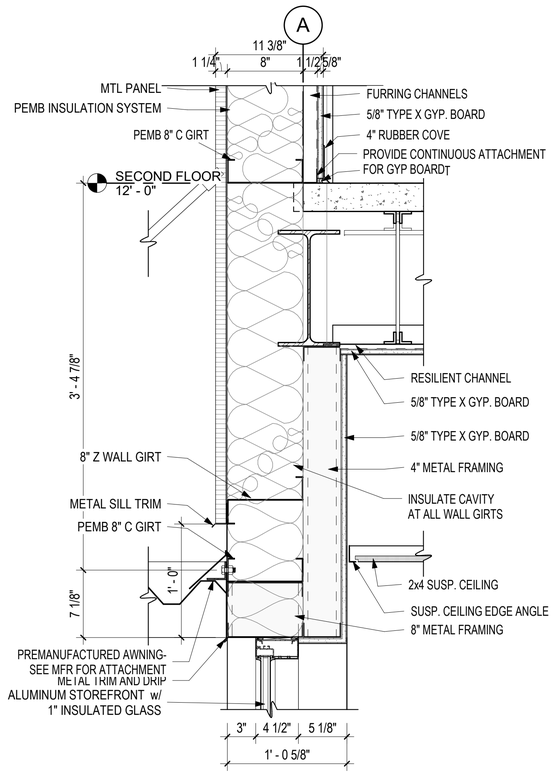
PROJECT NO.
2034

PROJECT NAME
ARFF REPLACEMENT

DATE
02-26-2021

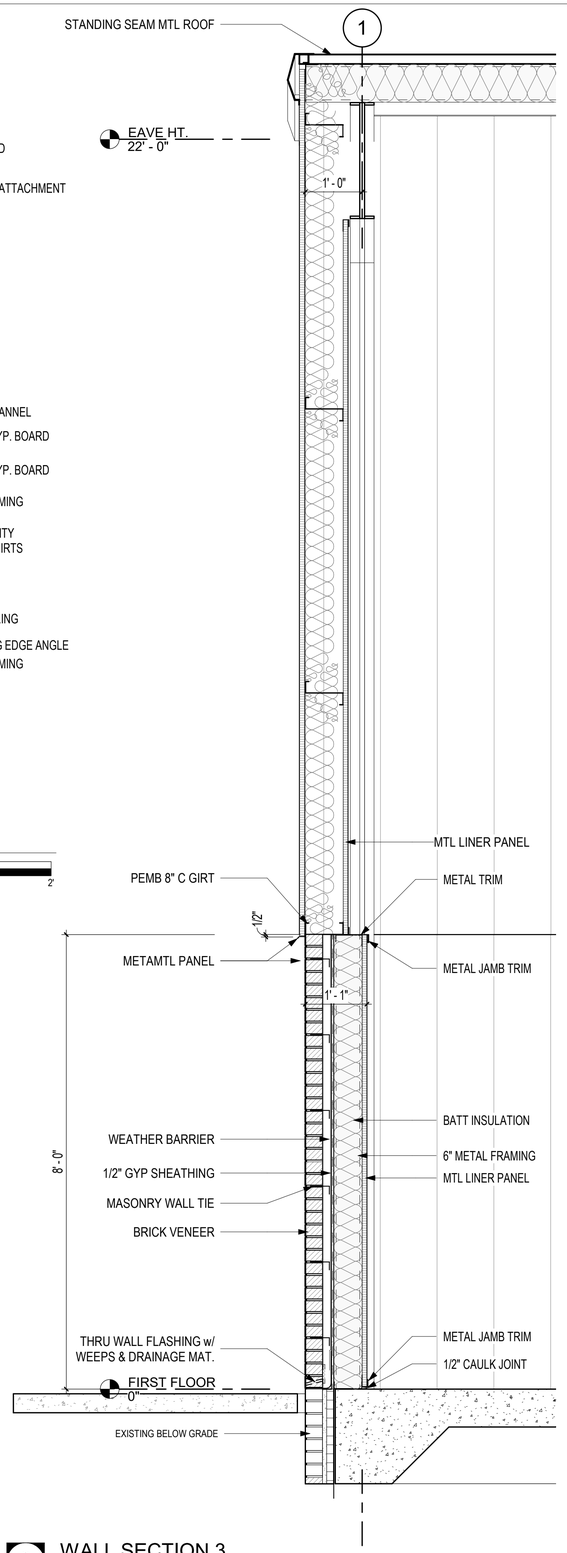
CONTENTS
BUILDING SECTIONS

SHEET NUMBER
A-301

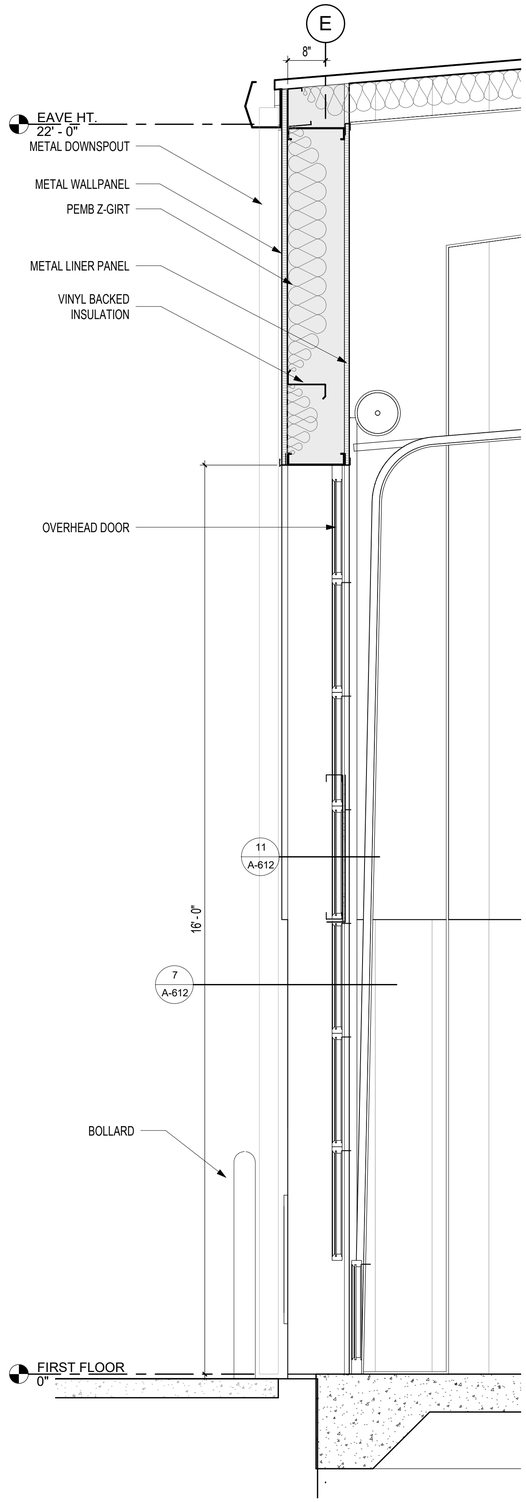


4 AWNING DETAIL AT ALUM. FRAME
1 1/2" = 1'-0" 1 / A-311

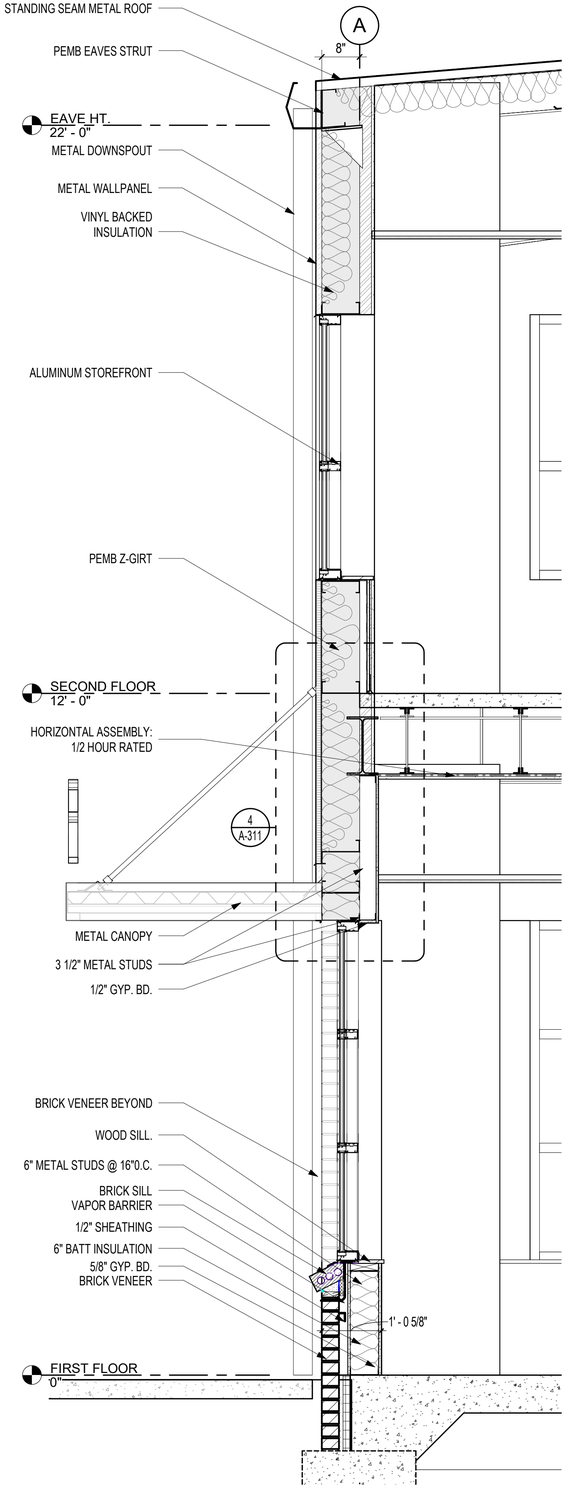
SCALE : 1-1/2" = 1'-0"



3 WALL SECTION 3
3/4" = 1'-0" 1 / A-110



2 WALL SECTION 2
3/4" = 1'-0" 1 / A-110



1 WALL SECTION 1
3/4" = 1'-0" 1 / A-110

SCALE : 3/4" = 1'-0"

3/9/2021 9:48:08 AM

JONESBORO MUNICIPAL AIRPORT
ARFF REPLACEMENT

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CONSTRUCTION DOCUMENTS

PROJECT NO.
2034

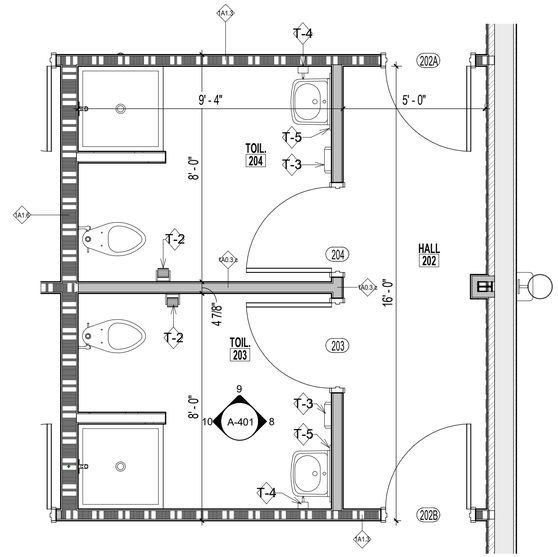
PROJECT NAME
ARFF REPLACEMENT

DATE
02-26-2021

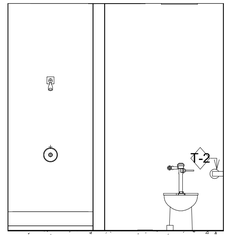
CONTENTS
WALL SECTIONS

SHEET NUMBER
A-311

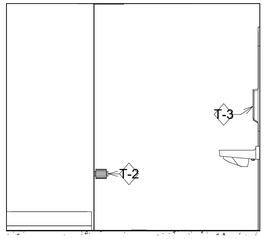
TOILET ACCESORY SCHEDULE					
DESIGNATION	TOILET ACCESORY TYPE	MANUFACTURER	MODEL	FINISH	COMMENTS
T-2	TOILET TISSUE DISPENSER	BOBRICK	B-265		STAINLESS STEEL
T-3	PAPER TOWEL HOLDER	BOBRICK	B-2620		STAINLESS STEEL
T-4	SOAP DISPENSER	BOBRICK	B-4112		STAINLESS STEEL
T-5	SINK MIRROR	BOBRICK	B-165 2436		STAINLESS STEEL
T-6	10 - GRAB BAR 3 PIECE TOILET	BOBRICK	B-6806x18,24&42		STAINLESS STEEL



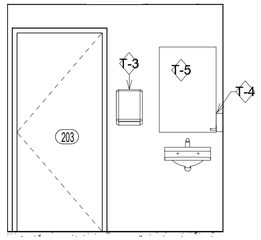
7 ENLARGED TOILET 204 / 203
3/8" = 1'-0" 1 / A-111



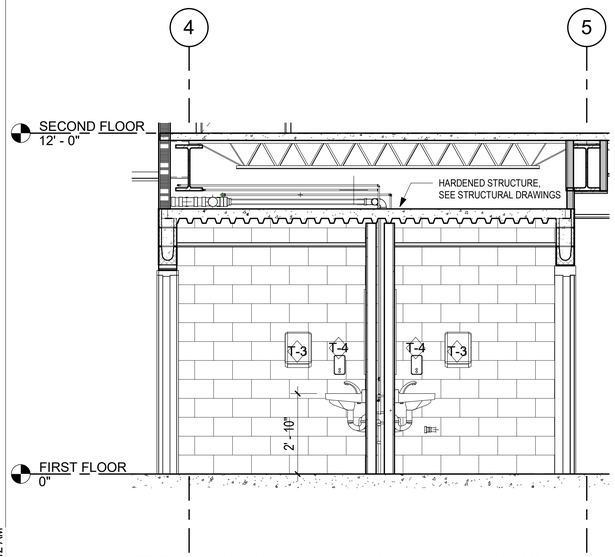
10 TOILET 203-1
3/8" = 1'-0" 1 / A-111



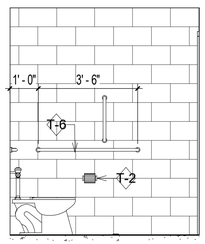
9 TOILET 203-2
3/8" = 1'-0" 1 / A-111



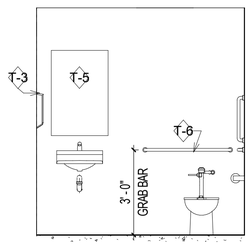
8 TOILET 203-3
3/8" = 1'-0" 1 / A-111



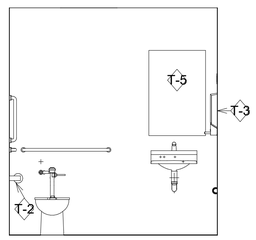
6 SECTION THRU HARDENED RESTROOMS
3/8" = 1'-0" 1 / A-401



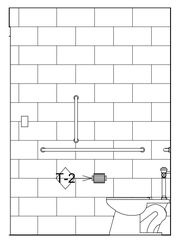
5 TOILET 112-2
3/8" = 1'-0" 1 / A-401



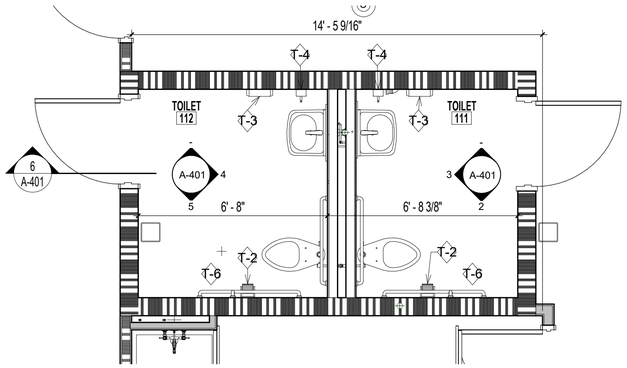
4 TOILET 112-1
3/8" = 1'-0" 1 / A-401



3 TOILET 111-3
3/8" = 1'-0" 1 / A-401



2 TOILET 111-1
3/8" = 1'-0" 1 / A-401



1 ENLARGED TOILET 112 / 111
3/8" = 1'-0" 1 / A-110

SCALE : 3/8" = 1'-0"

JONESBORO MUNICIPAL AIRPORT

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CONSTRUCTION DOCUMENTS

PROJECT NO.
2034

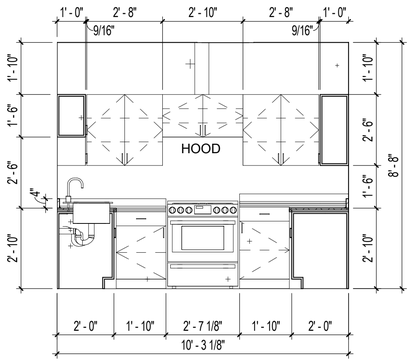
PROJECT NAME
ARFF REPLACEMENT

DATE
02-26-2021

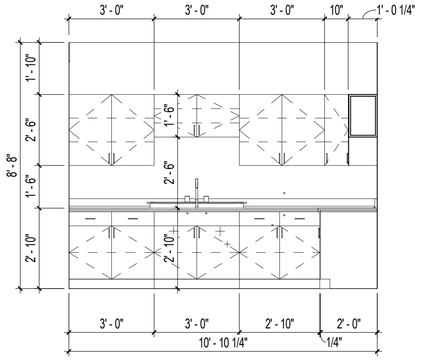
CONTENTS
ENLARGED PLANS / INTERIOR ELEVATIONS

SHEET NUMBER
A-401

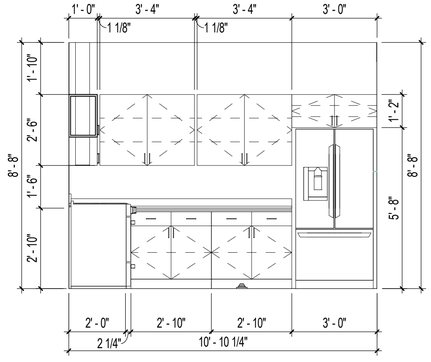
3/9/2021 9:48:12 AM



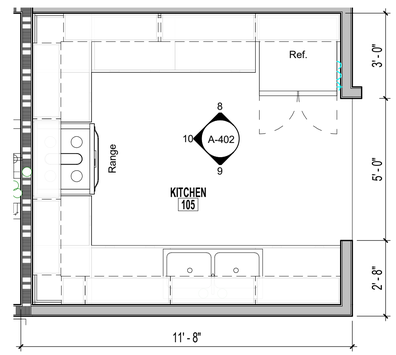
10 KITCHEN 105-3
3/8" = 1'-0" 7 / A-402



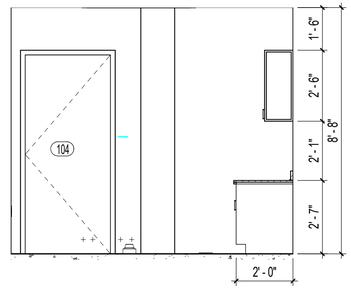
9 KITCHEN 105-2
3/8" = 1'-0" 7 / A-402



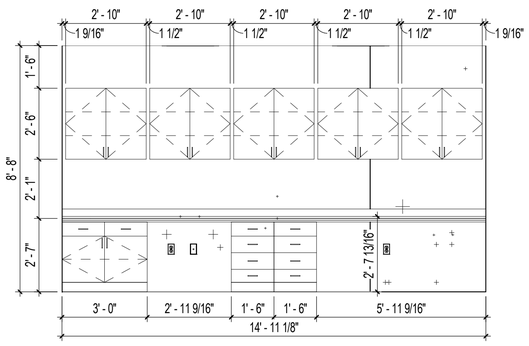
8 KITCHEN 105-1
3/8" = 1'-0" 7 / A-402



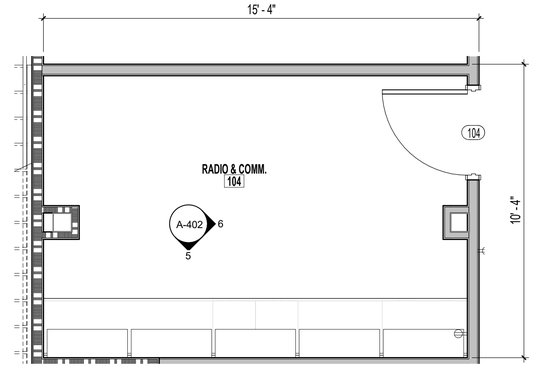
7 ENLARGED KITCHEN 105
3/8" = 1'-0" 1 / A-110



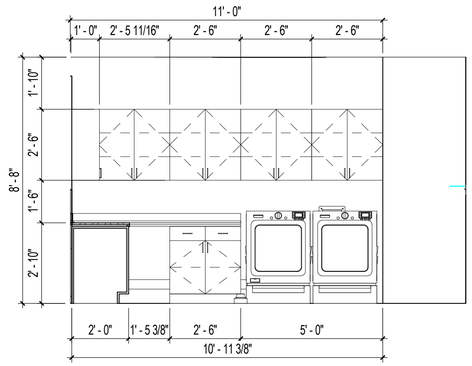
6 RADIO & COMM. 104-2
3/8" = 1'-0" 4 / A-402



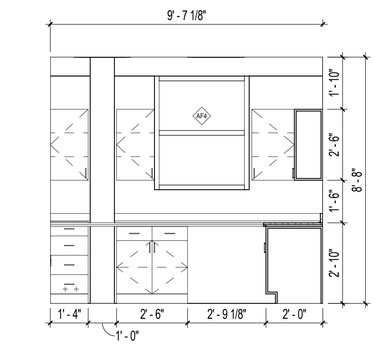
5 RADIO & COMM. 104-1
3/8" = 1'-0" 4 / A-402



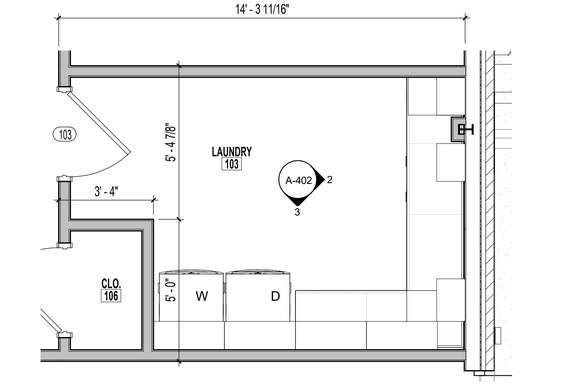
4 ENLARGED RADIO & COMM.
3/8" = 1'-0" 1 / A-110



3 LAUNDRY 103-2
3/8" = 1'-0" 1 / A-402



2 LAUNDRY 103-1
3/8" = 1'-0" 1 / A-402



1 ENLARGED LAUNDRY 103
3/8" = 1'-0" 1 / A-110

0 2 4 8
SCALE : 3/8" = 1'-0"

3/9/2021 9:48:15 AM

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ARFF REPLACEMENT

LINDBERGH DRIVE, JONESBORO, AR 72401

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CONSTRUCTION DOCUMENTS

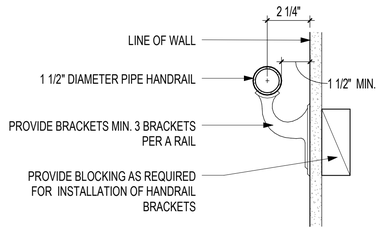
PROJECT NO.
2034

PROJECT NAME
ARFF REPLACEMENT

DATE
02-26-2021

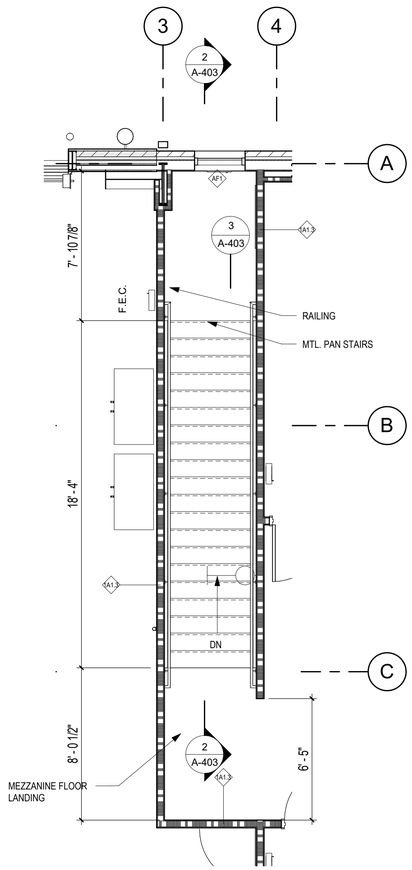
CONTENTS
ENLARGED PLANS / INTERIOR ELEVATIONS

SHEET NUMBER
A-402



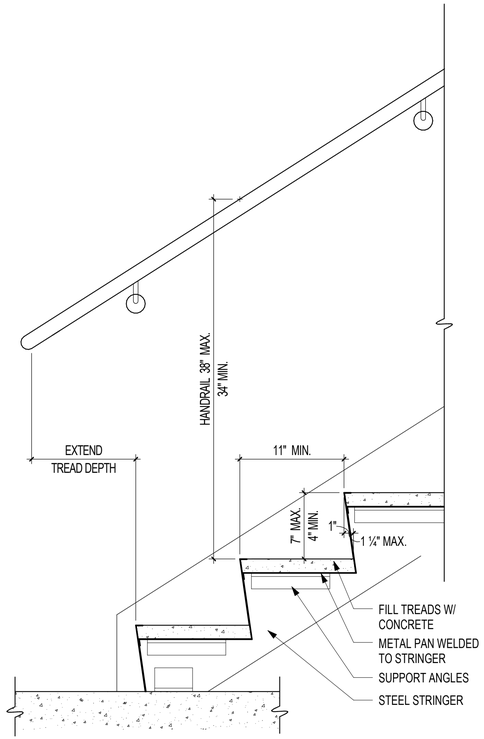
5 HANDRAIL AT WALL DETAIL
3" = 1'-0"

0 3" 6" 1'
SCALE : 3" = 1'-0"



1 ENLARGED PLAN - STAIRS
1/4" = 1'-0"

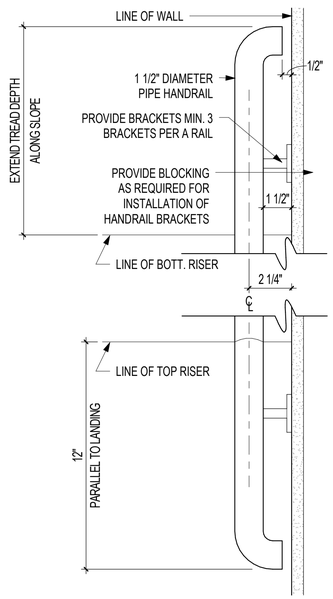
0 2 4 8
SCALE : 1/4" = 1'-0"



NOTE:
SEE STAIR SECTIONS FOR RISER HEIGHT AND TREAD DEPTH.

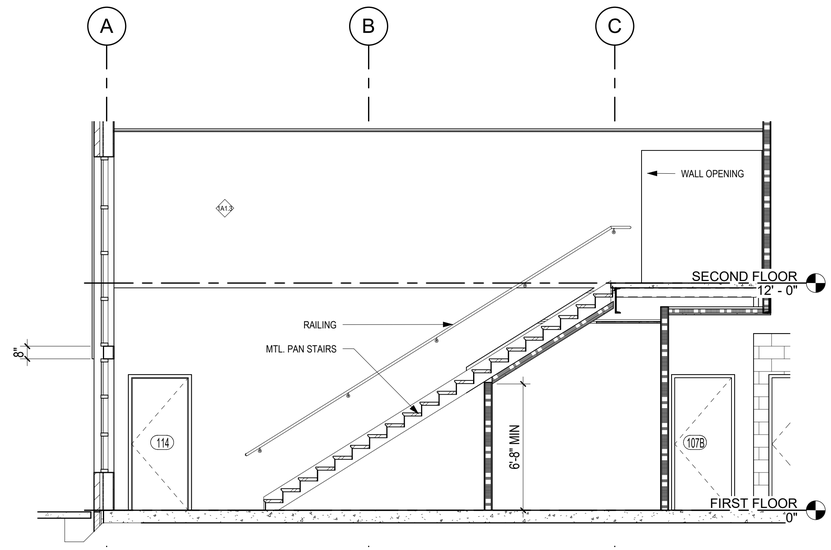
3 METAL PAN STAIR DETAIL
1 1/2" = 1'-0" 1 / A-403

0 6" 1' 2'
SCALE : 1-1/2" = 1'-0"



4 HANDRAIL END AT WALL DETAIL
3" = 1'-0"

0 3" 6" 1'
SCALE : 3" = 1'-0"



2 STAIR SECTION
1/4" = 1'-0" 1 / A-111

JONESBORO MUNICIPAL AIRPORT

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CONSTRUCTION DOCUMENTS

PROJECT NO.
2034

PROJECT NAME
ARFF REPLACEMENT

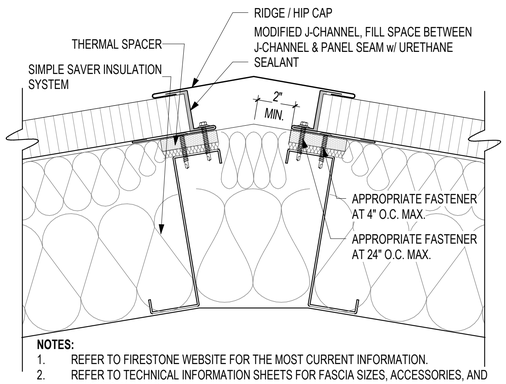
DATE
02-26-2021

CONTENTS
STAIR SECTIONS / DETAILS

SHEET NUMBER
A-403

3/9/2021 9:48:16 AM

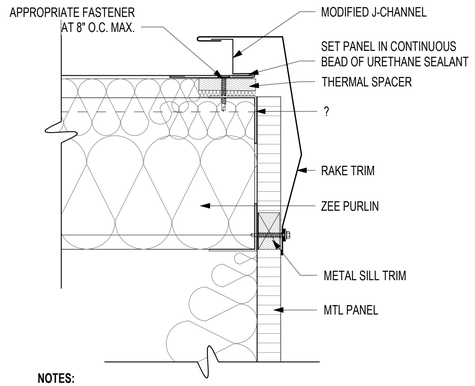
FIRESTONE FIXED HIP OR RIDGE w/ MODIFIED J-CHANNEL DETAIL NO. UC3-R-2



NOTES:
1. REFER TO FIRESTONE WEBSITE FOR THE MOST CURRENT INFORMATION.
2. REFER TO TECHNICAL INFORMATION SHEETS FOR FASCIA SIZES, ACCESSORIES, AND FINISHES AVAILABLE.
3. REFER TO THE FIRESTONE TECHNICAL DATABASE FOR FASTENER / METAL COMPATIBILITY.
4. APPLICATION DETAILS ARE FOR ILLUSTRATION PURPOSES ONLY AND MAY NOT BE APPROPRIATE FOR ALL BUILDING DESIGNS AND CONDITIONS.

6 METAL RIDGE DETAIL w/ THERMAL BLOCKS
3" = 1'-0" /

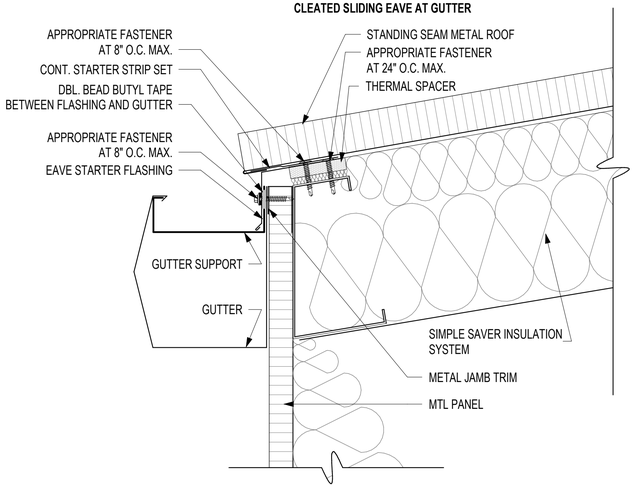
RAKE w/ MODIFIED J-CHANNEL



NOTES:
1. REFER TO MFR WEBSITE FOR THE MOST CURRENT INFORMATION.
2. REFER TO TECHNICAL INFORMATION SHEETS FOR FASCIA SIZES, ACCESSORIES, AND FINISHES AVAILABLE.
3. ALL FASTENERS TO MEET APPLICABLE BUILDING CODES.
4. REFER TO THE MFR TECHNICAL DATABASE FOR FASTENER / METAL COMPATIBILITY.
5. APPLICATION DETAILS ARE FOR ILLUSTRATION PURPOSES ONLY AND MAY NOT BE APPROPRIATE FOR ALL BUILDING DESIGNS AND CONDITIONS.

5 RAKE DETAIL w/ THERMAL BLOCKS
3" = 1'-0" /

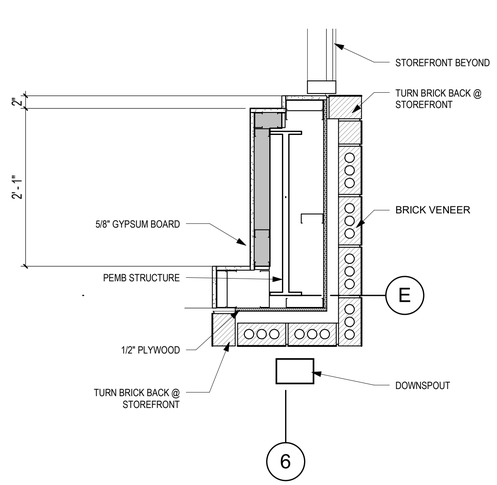
CLEATED SLIDING EAVE AT GUTTER



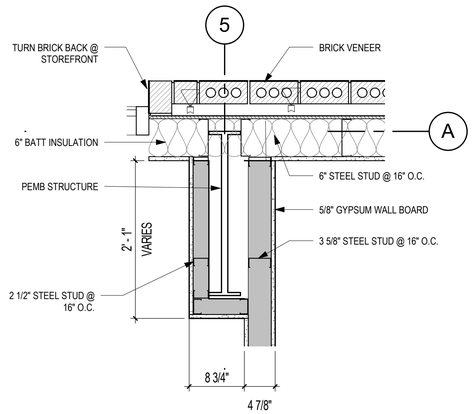
NOTES:
1. REFER TO MFR WEBSITE FOR THE MOST CURRENT INFORMATION.
2. REFER TO TECHNICAL INFORMATION SHEETS FOR FASCIA SIZES, ACCESSORIES, AND FINISHES AVAILABLE.
3. ALL FASTENERS TO MEET APPLICABLE BUILDING CODES.
4. REFER TO THE MFR TECHNICAL DATABASE FOR FASTENER / METAL COMPATIBILITY.
5. REFER TO MFR TECHNICAL DATABASE FOR HEM LENGTH AND REQUIRED DISTANCE BETWEEN THE PANEL AND CLEAT.
6. APPLICATION DETAILS ARE FOR ILLUSTRATION PURPOSES ONLY AND MAY NOT BE APPROPRIATE FOR ALL BUILDING DESIGNS AND CONDITIONS.

4 CLEATED EAVE DETAIL AT GUTTER w/ THERMAL BLOCKS
3" = 1'-0" /

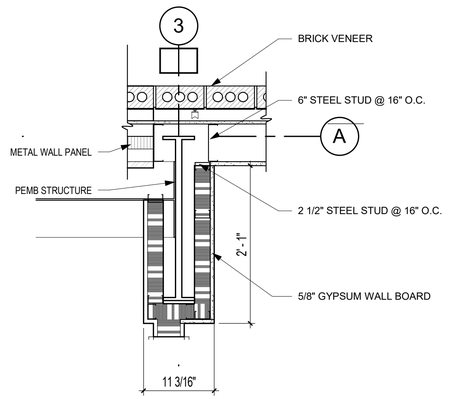
0 3" 6" 1'
SCALE : 3" = 1'-0"



3 COLUMN DETAIL 3
1" = 1'-0" 1 / A-110



2 COLUMN DETAIL 2
1" = 1'-0" 1 / A-110



1 COLUMN DETAIL 1
1" = 1'-0" 1 / A-110

0 6" 1' 2'
SCALE : 1" = 1'-0"

3/9/2021 9:48:17 AM

JONESBORO MUNICIPAL AIRPORT
ARFF REPLACEMENT
LINDBERGH DRIVE, JONESBORO, AR 72401

COOPER MIXON ARCHITECTS PLLC
LL237
REGISTERED ARCHITECTS
ARKANSAS
02-26-2021

COOPER MIXON ARCHITECTS
505 union street, 2nd flr jonesboro, ar 72401
phone 870.336.0536 www.coopermixon.com

CONSTRUCTION DOCUMENTS

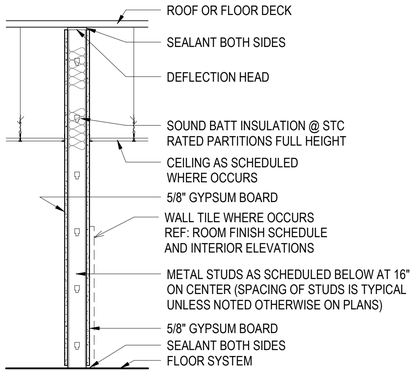
PROJECT NO.
2034

PROJECT NAME
ARFF REPLACEMENT

DATE
02-26-2021

CONTENTS
DETAILS

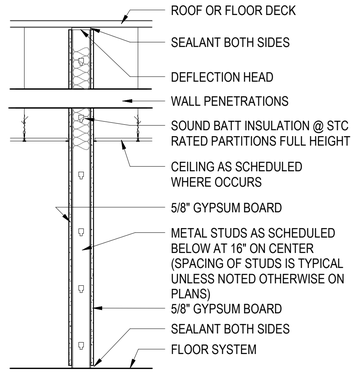
SHEET NUMBER
A-501



PARTITION TYPE 1A0

4 Partition Type 1A0
3/4" = 1'-0"

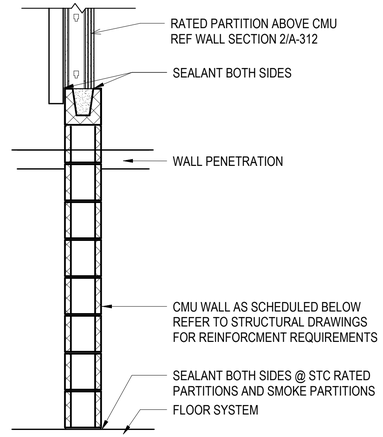
TYPE	FIRE RATED	CORE WIDTH	OVERALL WIDTH	STC RATED	UL LISTING	STC TEST
1A0.3.c	NON-RATED	3 5/8"	4 7/8"	45	N/A	NGC 2391



PARTITION TYPE 1A1

3 Partition Type 1A1
3/4" = 1'-0"

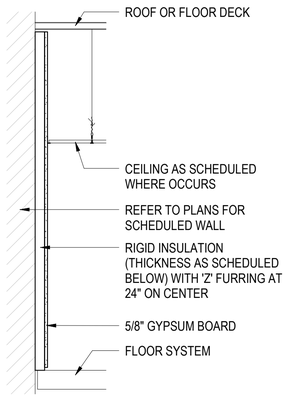
TYPE	FIRE RATED	CORE WIDTH	OVERALL WIDTH	STC RATED	UL LISTING	STC TEST
1A1.3	1 HOUR	3 5/8"	4 7/8"	NON-RATED	U419	N/A
1A1.6	1 HOUR	6"	7 1/4"	NON-RATED	U465	N/A



PARTITION TYPE 6A2

2 Partition Type 6A2
3/4" = 1'-0"

TYPE	FIRE RATED	CORE WIDTH	OVERALL WIDTH	STC RATED	UL LISTING	STC TEST
6A2.8	2 HOUR	8"	7 5/8"	NON-RATED	U905	N/A



PARTITION TYPE 8A0

1 Partition Type 8A0
3/4" = 1'-0"

0 1 2 4
SCALE : 3/4" = 1'-0"

TYPE	FIRE RATING	CORE WIDTH	OVERALL WIDTH	UL LISTING	_Wall Type
8A0.1	1 HOUR	2 1/2"	3 1/8"	N/A	8A0
8A0.2	NON-RATED	2 1/2"	3 1/8"	N/A	8A0
8A0.3	NON-RATED	3 5/8"	4 1/4"	N/A	8A0

3/9/2021 9:48:19 AM

JONESBORO MUNICIPAL AIRPORT

ARFF REPLACEMENT

LINDBERGH DRIVE, JONESBORO, AR 72401

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CONSTRUCTION DOCUMENTS

PROJECT NO.
2034

PROJECT NAME
ARFF REPLACEMENT

DATE
02-26-2021

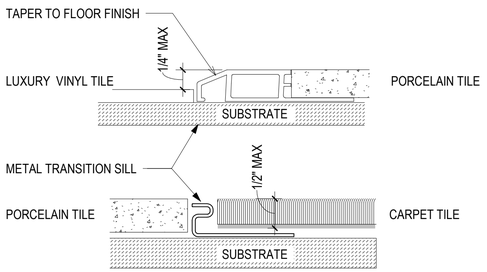
CONTENTS
PARTITION TYPES

SHEET NUMBER
A-601

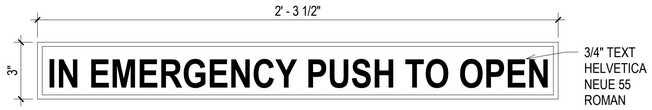
ROOM FINISH SCHEDULE					
ROOM NUMBER	ROOM NAME	FLOOR FINISH	BASE FINISH	WALL FINISH	CEILING FINISH
100	ENTRY	LVT-1	RB-1	P-1	ACT-1
101	HALL	LVT-1	RB-1	P-1	ACT-1
102	OFFICE	LVT-1	RB-1	P-1	ACT-1
103	LAUNDRY	LVT-1	RB-1	P-1	ACT-1
104	RADIO & COMM.	LVT-1	RB-1	P-1	ACT-1
105	KITCHEN	LVT-1	RB-1	P-1	ACT-1
106	CLO.	LVT-1	RB-1	P-1	ACT-1
107	LIVING ROOM	LVT-1	RB-1	P-1	ACT-1
108	OFFICE	LVT-1	RB-1	P-1	ACT-1
109	CLO.	LVT-1	RB-1	P-1	ACT-1
110	SHOP	CONC	RB-1	P-1	P-2
111	TOILET	PT-1	PTB-1	P-1 & PT-2	ACT-1
112	TOILET	PT-1	PTB-1	P-1 & PT-2	ACT-1
113	MECH.	LVT-1	RB-1	P-1	P-2
114	STAIR	RT-1 & CPT-1	RB-1	P-1	ACT-1
115	GARAGE	CONC	- -	MTL-1	- -
201	DORMITORY 1	CPT-1	RB-1	P-1	ACT-1

ROOM FINISH SCHEDULE					
ROOM NUMBER	ROOM NAME	FLOOR FINISH	BASE FINISH	WALL FINISH	CEILING FINISH
202	HALL	CPT-1	RB-1	P-1	ACT-1
203	TOIL.	PT-1	PTB-1	P-1 & PT-2	ACT-1
204	TOIL.	PT-1	PTB-1	P-1 & PT-2	ACT-1
205	MECH.	CONC	RB-1	P-1	P-2
206	CLO.	CPT-1	RB-1	P-1	ACT-1
207	ELEC.	CONC	RB-1	P-1	P-2
208	DORMITORY 2	CPT-1	RB-1	P-1	ACT-1

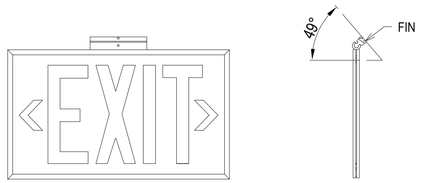
FINISH LEGEND	
MATERIAL CODE	MATERIAL DESCRIPTION
FLOOR	
CONC	SEALED CONCRETE
CPT-1	CARPET TILE
LVT-1	LUXURY VINYL TILE
PT-1	PORCELAIN TILE
WALL	
MTL-1	PREFIN METAL LINER PANEL
P-1	PAINT COLOR #1
PT-2	PORCELAIN TILE (WALL)
CEILING	
ACT-1	2X4 ACOUSTIC CEILING
P-2	PAINT COLOR #2
MISC	
PTB-1	PORCELAIN TILE BASE CUT FROM FLOOR TILE
RB-1	4" RESILIENT BASE
RT-1	RESILIENT STAIR TREADS AND RISERS



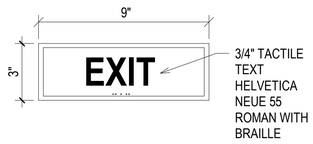
8 FINISH DETAIL - INTERIOR TRANSITION STRIPS
NTS



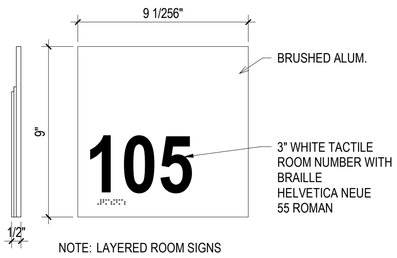
7 IN EMERGENCY PUSH TO OPEN
NTS



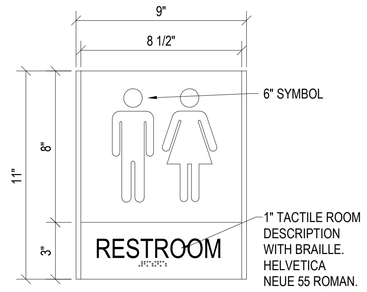
6 LIGHTED EXIT SIGN
3/4" = 1'-0"
SCALE: 3/4" = 1'-0"



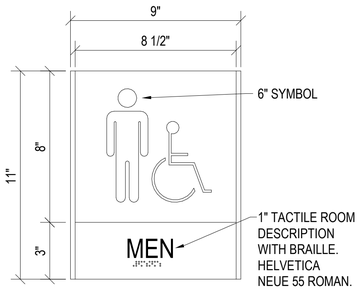
5 EXIT
NTS



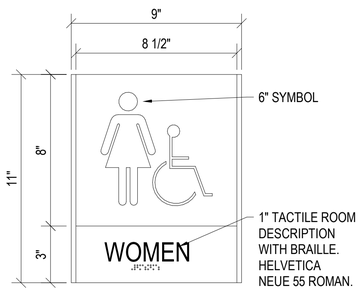
4 ROOM ID SIGNS
NTS



3 RESTROOM
NTS



2 ACCESSIBLE MEN
NTS



1 ACCESSIBLE WOMEN
NTS

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JONESBORO MUNICIPAL AIRPORT
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CONSTRUCTION DOCUMENTS

PROJECT NO.
2034

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DATE
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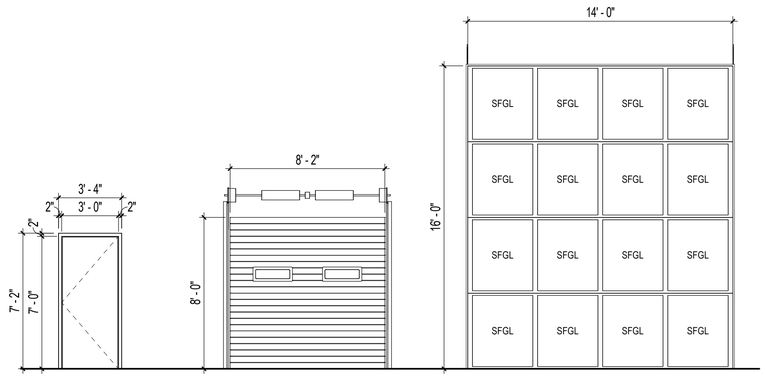
CONTENTS
FINISHES

SHEET NUMBER
A-602



FLUSH
1

8x8 OVERHEAD DOOR
2

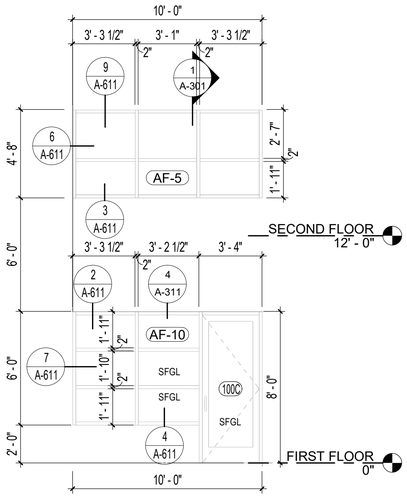
16x16 OVERHEAD DOOR
3

VISUAL DOOR/WINDOW ELEVATIONS

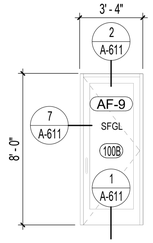
1/4" = 1'-0"

DOOR SCHEDULE

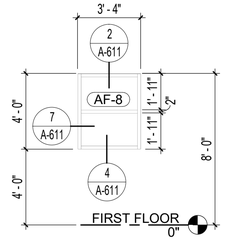
DOOR NUMBER	DOOR TYPE	SIZE HEIGHT	SIZE WIDTH	SIZE THICKNESS	DOOR DESCRIPTION	DOOR FINISH	FRAME TYPE	FRAME FINISH	RATING FIRE	COMMENTS
100A	ALUM ENTRANCE	7' - 10"	3' - 0"	2"	ALUMINUM ENTRANCE	CLEAR ANODIZED	ALUMINUM	CLEAR ANODIZED		
100B	ALUM ENTRANCE	7' - 10"	3' - 0"	2"	ALUMINUM ENTRANCE	CLEAR ANODIZED	ALUMINUM	CLEAR ANODIZED		
100C	ALUM ENTRANCE	7' - 10"	3' - 0"	2"	ALUMINUM ENTRANCE	CLEAR ANODIZED	ALUMINUM	CLEAR ANODIZED		
100D	1	7' - 0"	3' - 0"	1 3/4"	INSUL HOLLOW METAL	PAINTED	GALV HMF	PAINTED		
100E	1	7' - 0"	3' - 0"	1 3/4"	INSUL HOLLOW METAL	PAINTED	GALV HMF	PAINTED		
101	1	7' - 0"	3' - 0"	1 3/4"	SOLID CORE WOOD	STAINED	HMF	PAINTED		
102	1	7' - 0"	3' - 0"	1 3/4"	SOLID CORE WOOD	STAINED	HMF	PAINTED	3/4 HOUR	
103	1	7' - 0"	3' - 0"	1 3/4"	SOLID CORE WOOD	STAINED	HMF	PAINTED		
104	1	7' - 0"	3' - 0"	1 3/4"	SOLID CORE WOOD	STAINED	HMF	PAINTED	3/4 HOUR	
106	1	7' - 0"	3' - 0"	1 3/4"	SOLID CORE WOOD	STAINED	HMF	PAINTED		
107A	1	7' - 0"	3' - 0"	1 3/4"	SOLID CORE WOOD	STAINED	HMF	PAINTED		
107B	1	7' - 0"	3' - 0"	1 3/4"	INSUL HOLLOW METAL	PAINTED	GALV HMF	PAINTED	1/3 HOUR	
108A	1	7' - 0"	3' - 0"	1 3/4"	SOLID CORE WOOD	STAINED	HMF	PAINTED		
109	1	7' - 0"	3' - 0"	1 3/4"	SOLID CORE WOOD	STAINED	HMF	PAINTED		
110A	1	7' - 0"	3' - 0"	1 3/4"	INSUL HOLLOW METAL	PAINTED	GALV HMF	PAINTED		
110B	1	7' - 0"	3' - 0"	1 3/4"	INSUL HOLLOW METAL	PAINTED	GALV HMF	PAINTED	1/3 HOUR	
110C	2	8' - 0"	8' - 0"	2"	COMMERCIAL OVERHEAD DOOR					OVERHEAD DOOR
111	1	7' - 0"	3' - 0"	1 3/4"	HOLLOW METAL	PAINTED	HMF	PAINTED	3/4 HOUR	
112	1	7' - 0"	3' - 0"	1 3/4"	INSUL HOLLOW METAL	PAINTED	GALV HMF	PAINTED	1/3 HOUR	
113	1	7' - 0"	3' - 0"	1 3/4"	INSUL HOLLOW METAL	PAINTED	GALV HMF	PAINTED	3/4 HOUR	HARDENED DOOR
114	1	7' - 0"	3' - 0"	1 3/4"	SOLID CORE WOOD	STAINED	HMF	PAINTED	3/4 HOUR	HARDENED DOOR
115	1	7' - 0"	3' - 0"	1 3/4"	INSUL HOLLOW METAL	PAINTED	GALV HMF	PAINTED	3/4 HOUR	
115A	3	16' - 0"	14' - 0"	2 1/8"	COMMERCIAL OVERHEAD DOOR					OVERHEAD DOOR
115B	3	16' - 0"	14' - 0"	2 1/8"	COMMERCIAL OVERHEAD DOOR					OVERHEAD DOOR
115C	3	16' - 0"	14' - 0"	2 1/8"	COMMERCIAL OVERHEAD DOOR					OVERHEAD DOOR
115D	3	16' - 0"	14' - 0"	2 1/8"	COMMERCIAL OVERHEAD DOOR					OVERHEAD DOOR
201	1	7' - 0"	3' - 0"	1 3/4"	SOLID CORE WOOD	STAINED	HMF	PAINTED	3/4 HOUR	
202A	1	7' - 0"	3' - 0"	1 3/4"	SOLID CORE WOOD	STAINED	HMF	PAINTED	1/3 HOUR	
202B	1	7' - 0"	3' - 0"	1 3/4"	SOLID CORE WOOD	STAINED	HMF	PAINTED	1/3 HOUR	
203	1	7' - 0"	3' - 0"	1 3/4"	SOLID CORE WOOD	STAINED	HMF	PAINTED		
204	1	7' - 0"	3' - 0"	1 3/4"	SOLID CORE WOOD	STAINED	HMF	PAINTED		
205	1	7' - 0"	3' - 0"	1 3/4"	SOLID CORE WOOD	STAINED	HMF	PAINTED		
206	1	7' - 0"	3' - 0"	1 3/4"	SOLID CORE WOOD	STAINED	HMF	PAINTED		
207	1	7' - 0"	3' - 0"	1 3/4"	SOLID CORE WOOD	STAINED	HMF	PAINTED		
208	1	7' - 0"	3' - 0"	1 3/4"	SOLID CORE WOOD	STAINED	HMF	PAINTED	3/4 HOUR	



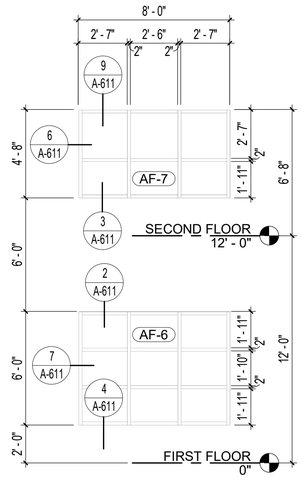
7 AF-10
1/4" = 1'-0" 1 / AD110



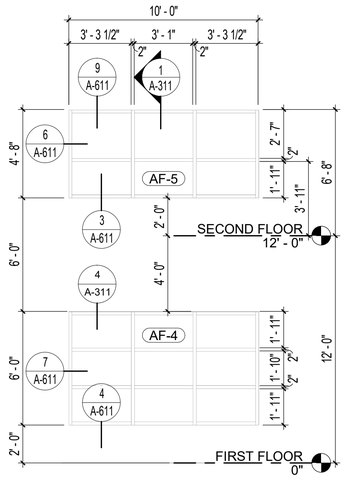
6 AF-9
1/4" = 1'-0" 1 / AD110



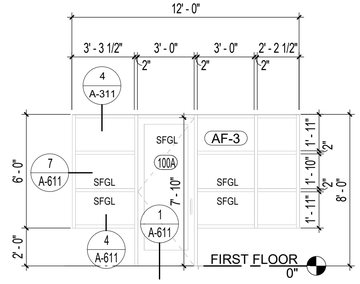
5 AF-8
1/4" = 1'-0" 1 / AD110



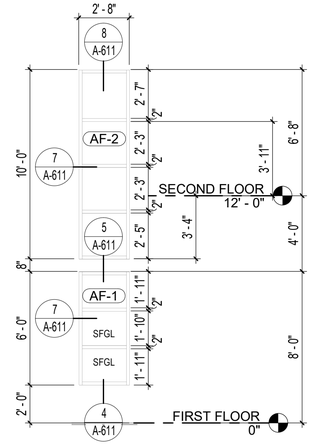
4 AF-6 & AF-7
1/4" = 1'-0" 1 / AD110



3 AF-4 & AF-5
1/4" = 1'-0" 1 / AD110



2 AF-3
1/4" = 1'-0" 1 / AD110



1 AF-1 & AF-2
1/4" = 1'-0" 1 / AD110

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JONESBORO MUNICIPAL AIRPORT

ARFF REPLACEMENT

LINDBERGH DRIVE, JONESBORO, AR 72401

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CONSTRUCTION DOCUMENTS

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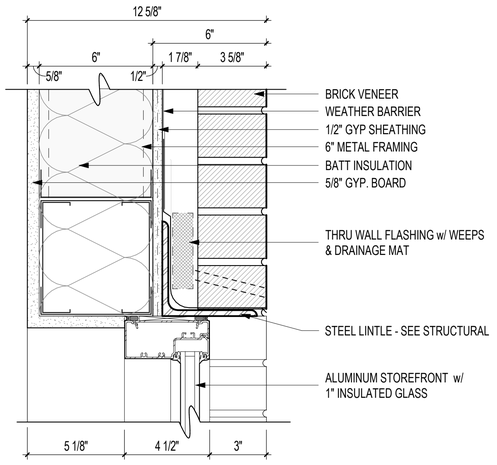
2034

PROJECT NAME
ARFF REPLACEMENT

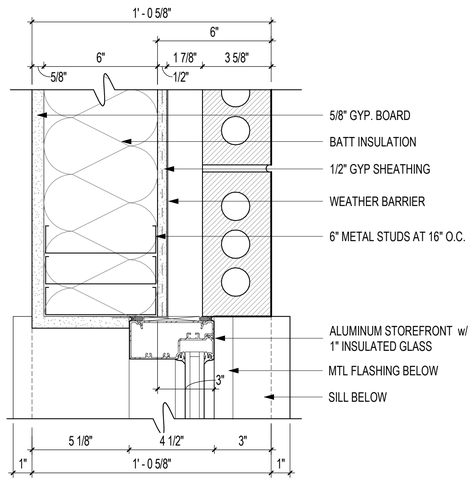
DATE
02-26-2021

CONTENTS
SCHEDULES/DETAILS

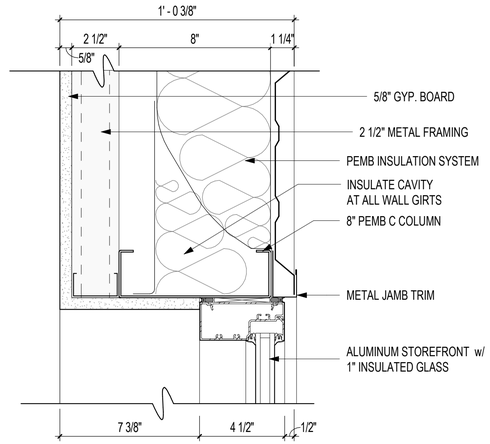
SHEET NUMBER
A-610



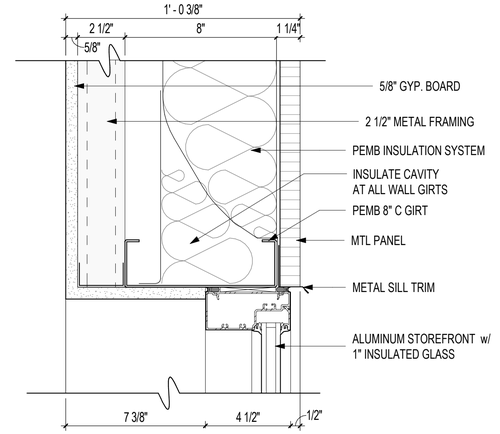
8 AF HEAD DETAIL
3" = 1'-0" 1 / A-610



7 AF JAMB DETAIL
3" = 1'-0" 1 / A-610



6 AF JAMB DETAIL
3" = 1'-0" 3 / A-610

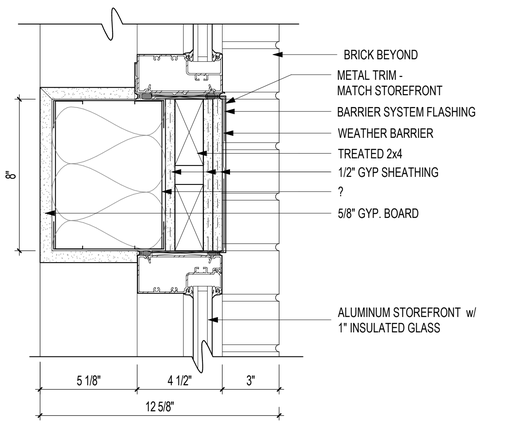


9 AF HEAD DETAIL
3" = 1'-0" 3 / A-610

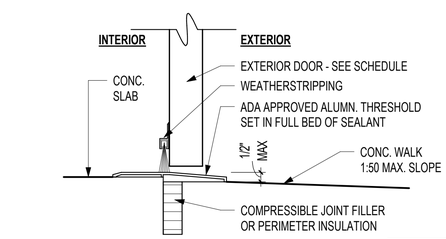
4 AF SILL DETAIL - BRICK
3" = 1'-0" 1 / A-610

3 AF SILL DETAIL
3" = 1'-0" 3 / A-610

2 AF HEAD DETAIL
3" = 1'-0" 4 / A-610



5 AF HEAD / SILL DETAIL
3" = 1'-0" 1 / A-610



1 EXTERIOR DOOR THRESHOLD
3" = 1'-0" 2 / A-610

SCALE : 3" = 1'-0"

3/9/2021 9:48:22 AM

JONESBORO MUNICIPAL AIRPORT
ARFF REPLACEMENT
LINDBERGH DRIVE, JONESBORO, AR 72401

REGARDING

COOPER MIXON ARCHITECTS
LL237
REGISTERED ARCHITECTS
ARKANSAS
02-26-2021

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CONSTRUCTION DOCUMENTS

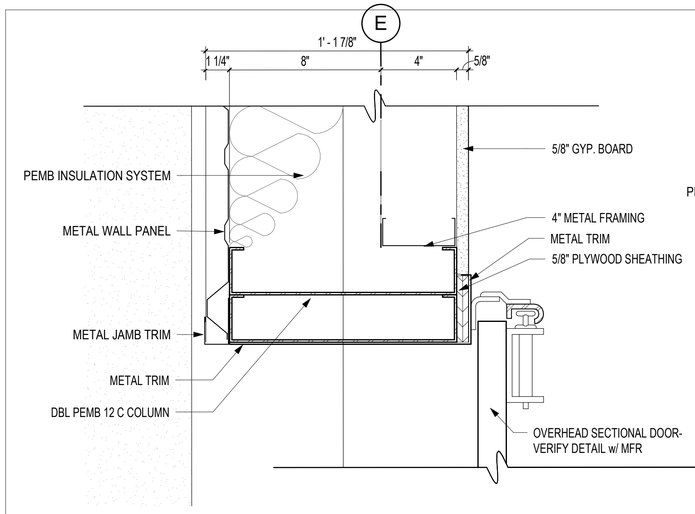
PROJECT NO.
2034

PROJECT NAME
ARFF REPLACEMENT

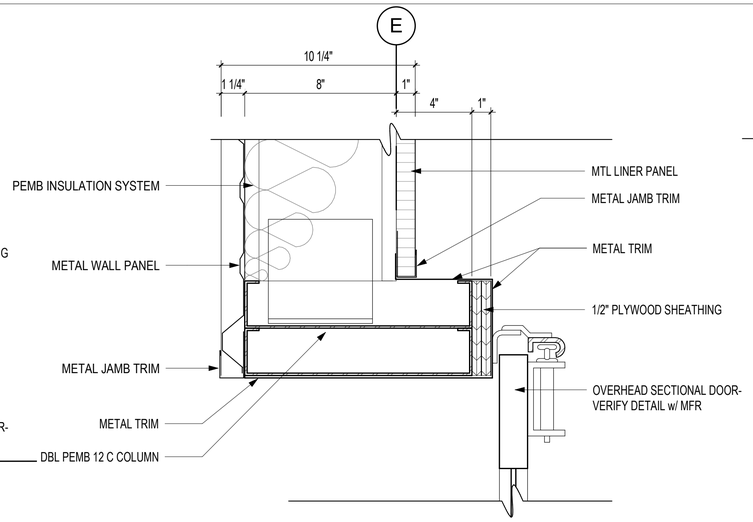
DATE
02-26-2021

CONTENTS
ALUMINUM FRAME DETAILS

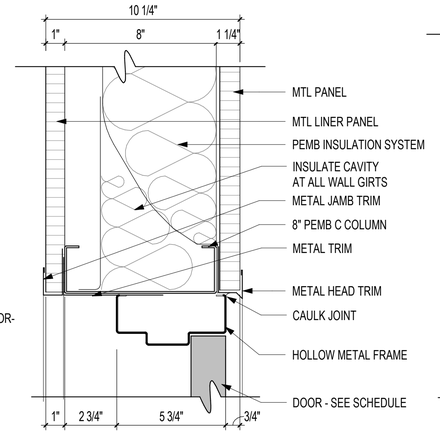
SHEET NUMBER
A-611



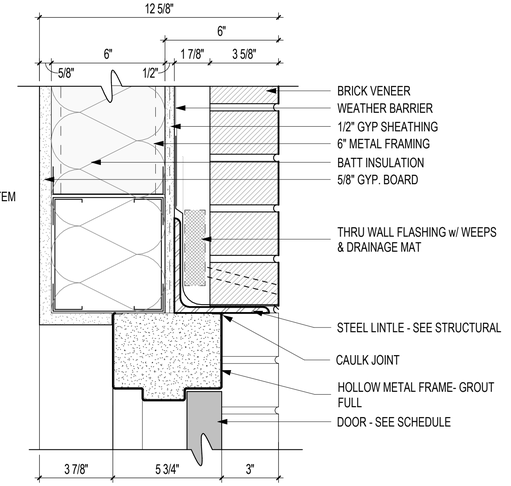
12 FLOOR PLAN - DETAIL 2
3" = 1'-0" 1 / A-110



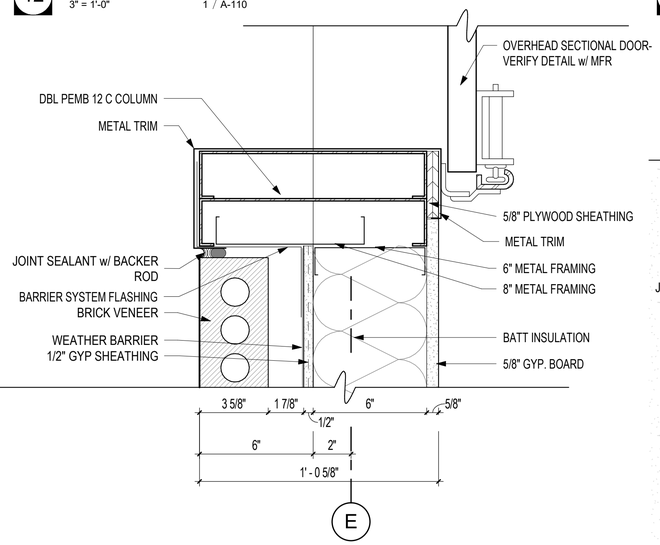
11 SECTIONAL DOOR JAMB AT METAL
3" = 1'-0" 2 / A-311



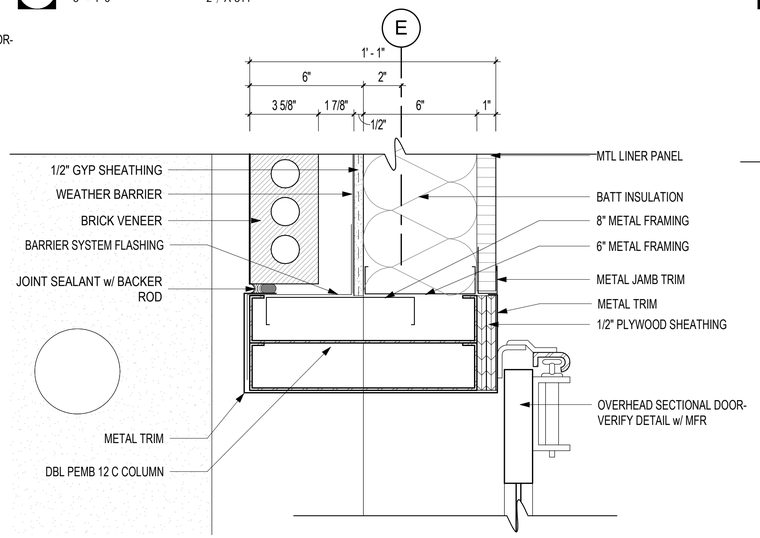
10 HMF HEAD DETAIL
3" = 1'-0" /



9 HMF HEAD DETAIL
3" = 1'-0" /



8 8' SECTION DOOR JAMB DETAIL AT BRICK
3" = 1'-0" 1 / A-110



7 SECTIONAL DOOR JAMB AT BRICK
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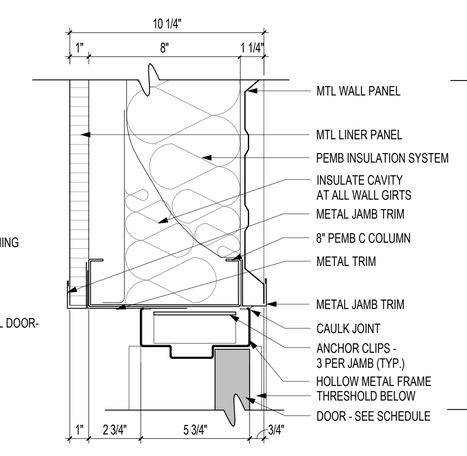
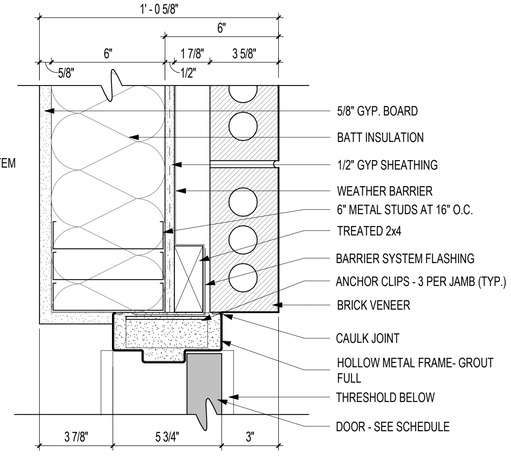
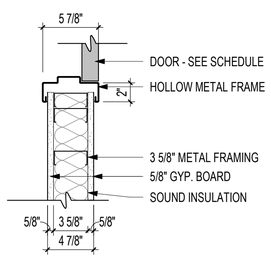


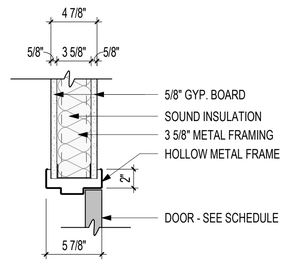
6 HMF JAMB DETAIL
3" = 1'-0" /



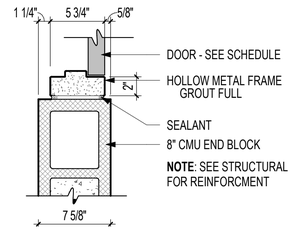
5 HMF JAMB DETAIL
3" = 1'-0" /
0 3" 6" 1'
SCALE : 3" = 1'-0"



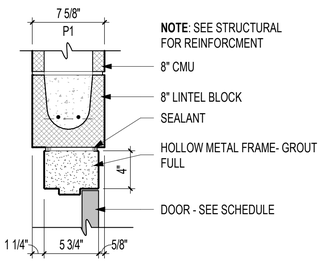
4 HMF JAMB AT GYP
1 1/2" = 1'-0" /



3 HMF HEAD AT GYP.
1 1/2" = 1'-0" /



2 HMF JAMB AT CMU
1 1/2" = 1'-0" /



1 HMF HEAD AT CMU
1 1/2" = 1'-0" /
0 6" 1' 2'
SCALE : 1-1/2" = 1'-0"

3/9/2021 9:48:24 AM

JONESBORO MUNICIPAL AIRPORT

ARFF REPLACEMENT

LINDBERGH DRIVE, JONESBORO, AR 72401

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02-26-2021

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CONSTRUCTION DOCUMENTS

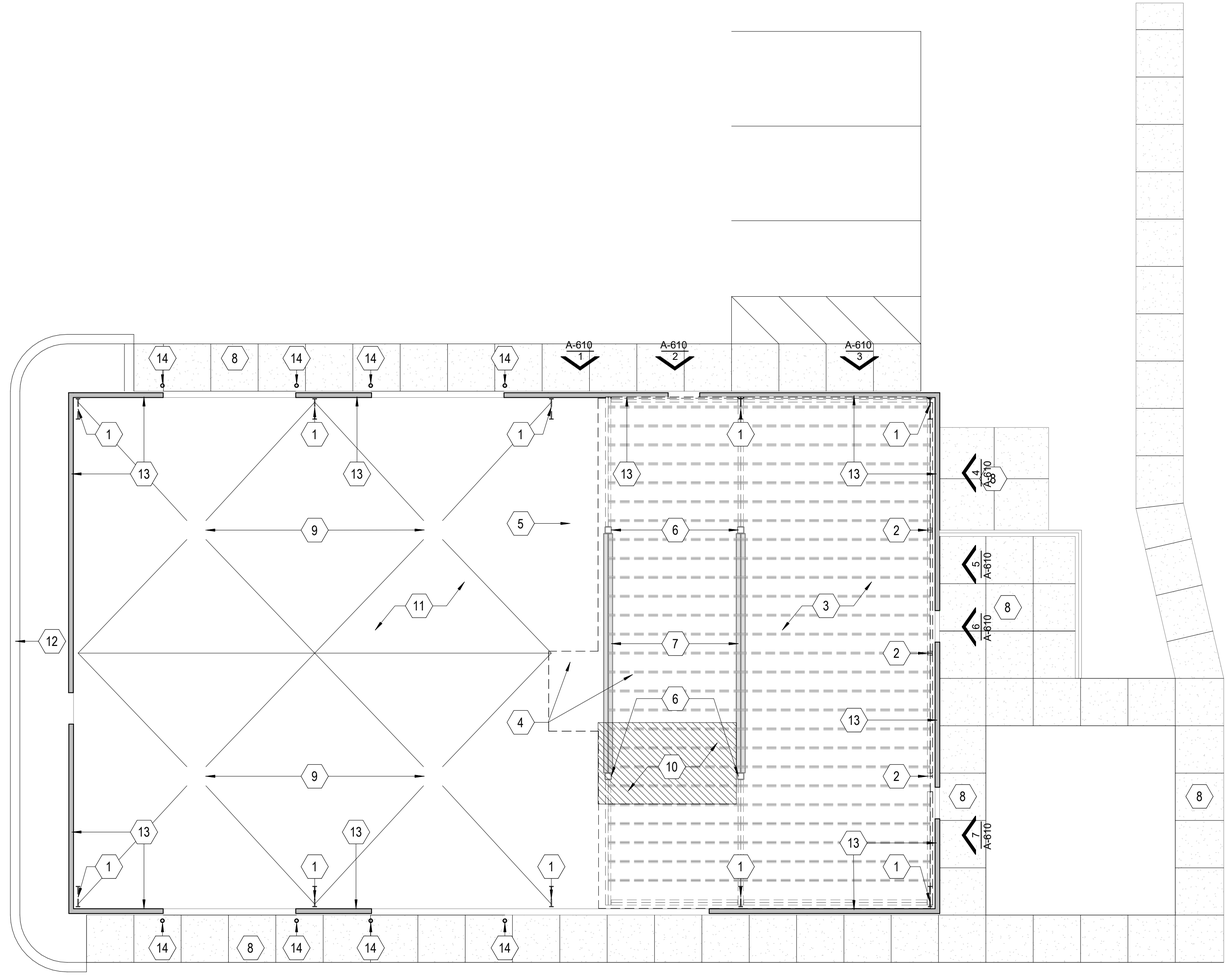
PROJECT NO.
2034

PROJECT NAME
ARFF REPLACEMENT

DATE
02-26-2021

CONTENTS
DOOR DETAILS

SHEET NUMBER
A-612



1 DEMOLITION PLAN
1/8" = 1'-0" 1 / A-201

PROJECT NORTH
TRUE NORTH

0 4 8 16
SCALE : 1/8" = 1'-0"

SHEET NOTES - DEMOLITION

1. THE TOTAL AMOUNT OF DEMOLITION REQUIRED FOR THE PROJECT IS NOT INDICATED ON THE DEMOLITION PLANS. THEY ARE INCLUDED FOR THE CONVENIENCE OF THE CONTRACTOR. THEY INDICATE THE GENERAL EXTENT OF THE REMOVAL WORK REQUIRED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FULLY INSPECT THE BUILDING AND VERIFY ALL CONDITIONS AND FULL EXTENT OF DEMOLITION PRIOR TO SUBMITTING BID.

2. THE SUBCONTRACTORS FOR ELECTRICAL AND HVAC ARE RESPONSIBLE FOR ESTABLISHING THE SCOPE OF DEMOLITION REQUIRED TO PERFORM THE WORK FOR THEIR RESPECTIVE TRADE. DEMOLITION DRAWINGS FOR THESE DISCIPLINES ARE INCLUDED FOR THE CONVENIENCE OF THE CONTRACTOR.

3. MAINTAIN BUILDING IN STRUCTURALLY SOUND CONDITION AT ALL TIMES. DO NOT REMOVE ANY PORTION OF THE BUILDING STRUCTURE INCLUDING COLUMNS, LOAD BEARING WALLS, BEAMS FLOOR CONSTRUCTION, PERIMETER WALLS OR FIREPROOFING OF STRUCTURAL ELEMENTS UNLESS SPECIFICALLY NOTED.

4. PROTECT ALL FINISHES AND COMPONENTS OF BUILDING WHICH ARE TO REMAIN. ANY DAMAGED MATERIAL, EQUIPMENT OR ITEMS TO REMAIN SHALL BE REPAIRED OR REPLACED TO MATCH EXISTING CONSTRUCTION, AND ARE THE RESPONSIBILITY OF THE CONTRACTOR.

5. VERIFY CONCEALED CONSTRUCTION CONDITIONS PRIOR TO REMOVAL OF ANY ITEMS. CAREFULLY ASSESS EACH ITEM TO BE REMOVED FOR DETRIMENTAL RESULTS IF REMOVED. PERFORM EXPLORATORY DEMOLITION TO DETERMINE METHODS OF ATTACHMENTS, UTILITY INTERFACES, INTERCONNECTIONS AND OTHER CONCEALED CONDITIONS PRIOR TO DEMOLITION.

6. ITEMS DESIGNATED TO BE REMOVED AND SALVAGED SHALL BE DELIVERED TO A SAFE REMOTE LOCATION FOR RETROFITTING OR A SAFE LOCATION ON SITE FOR CLEANING AND STORAGE BY THE CONTRACTOR.

7. MAINTAIN CODE COMPLIANT AND UNOBSTRUCTED EXIT PATHS AT ALL TIMES.

8. PRIOR TO DEMOLITION WORK, THE CONTRACTOR SHALL ASSESS AND IDENTIFY UTILITIES WITHIN THE DEMOLITION AREA THAT SERVE OCCUPIED SPACES OUTSIDE OF THE AREA OF THAT PHASE OF WORK. THOSE UTILITIES SHALL BE PROTECTED AND RESUPPORTED WHERE NECESSARY TO MAINTAIN CONTINUITY OF SERVICE.

9. AREAS SURROUNDING THE AREA OF THIS CONTRACT SHALL REMAIN FULLY OCCUPIED DURING THE WORK. CAREFULLY SCHEDULE AND COORDINATE THIS WORK WITH THE OWNER TO MINIMIZE DISRUPTION TO ANY ACTIVITIES. SOME OF THE WORK MAY NEED TO BE PERFORMED OFF HOURS.

10. WHERE PARTIAL DEMOLITION IS NOT INDICATED BUT IS NECESSARY TO PERFORM NEW WORK, THAT AREA SHALL BE REMOVED AS NECESSARY AND REFINISHED/REPLACED TO MATCH THE EXISTING CONTIGUOUS CONSTRUCTION

KEYED NOTES - DEMOLITION PLAN

#	NOTE
1	DEMOLISH PEMB FRAMES
2	DEMOLISH PEMB COLUMNS
3	DEMOLISH MEZZANINE BAR JOISTS
4	DEMOLISH MEZZANINE FLOOR SLAB AND ASSOCIATED FRAMING
5	DEMOLISH STEEL STAIR AND RAILING
6	EXIST 8"X8" HSS COLUMNS TO REMAIN
7	EXIST WIDE FLANGE STEEL BEAM TO REMAIN
8	CONCRETE PAVING TO REMAIN
9	CLEAN AND UNCLOG EXIST PLUMBING DRAINS AND EXISTING PIPES, PREPARE FOR REUSE
10	REMOVE CONCRETE SLAB AND PLUMBING IN THE FOOTPRINT OF THE NEW RESTROOM, PREPARE AND REPLACE PLUMBING AND CONCRETE, REF. PLUMBING & STRUCTURAL DRAWINGS
11	EXISTING CONCRETE FLOOR SLAB TO REMAIN - RECONDITION SURFACE TO AS NEW)
12	EXIST CURB TO REMAIN
13	EXISTING BRICK BELOW FFE TO REMAIN, PREPARE BRICK TO RECEIVE NEW BRICK VENEER
14	EXIST BOLLARD TO REMAIN, PREPARE FOR NEW PAINT

3/9/2021 9:48:25 AM

JONESBORO MUNICIPAL AIRPORT
ARFF REPLACEMENT
LINDBERGH DRIVE, JONESBORO, AR 72401

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LL237
REGISTERED ARCHITECTS
ARKANSAS
02-26-2021

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CONSTRUCTION DOCUMENTS

PROJECT NO.
2034

PROJECT NAME
ARFF REPLACEMENT

DATE
02-26-2021

CONTENTS
DEMOLITION PLAN

SHEET NUMBER
AD110

SHEET NOTES - CLG PLAN

1. ALL CEILING HEIGHT NOTATIONS TAKEN FROM FINISHED FLOOR ELEVATION OF THIS LEVEL UNLESS NOTED OTHERWISE.

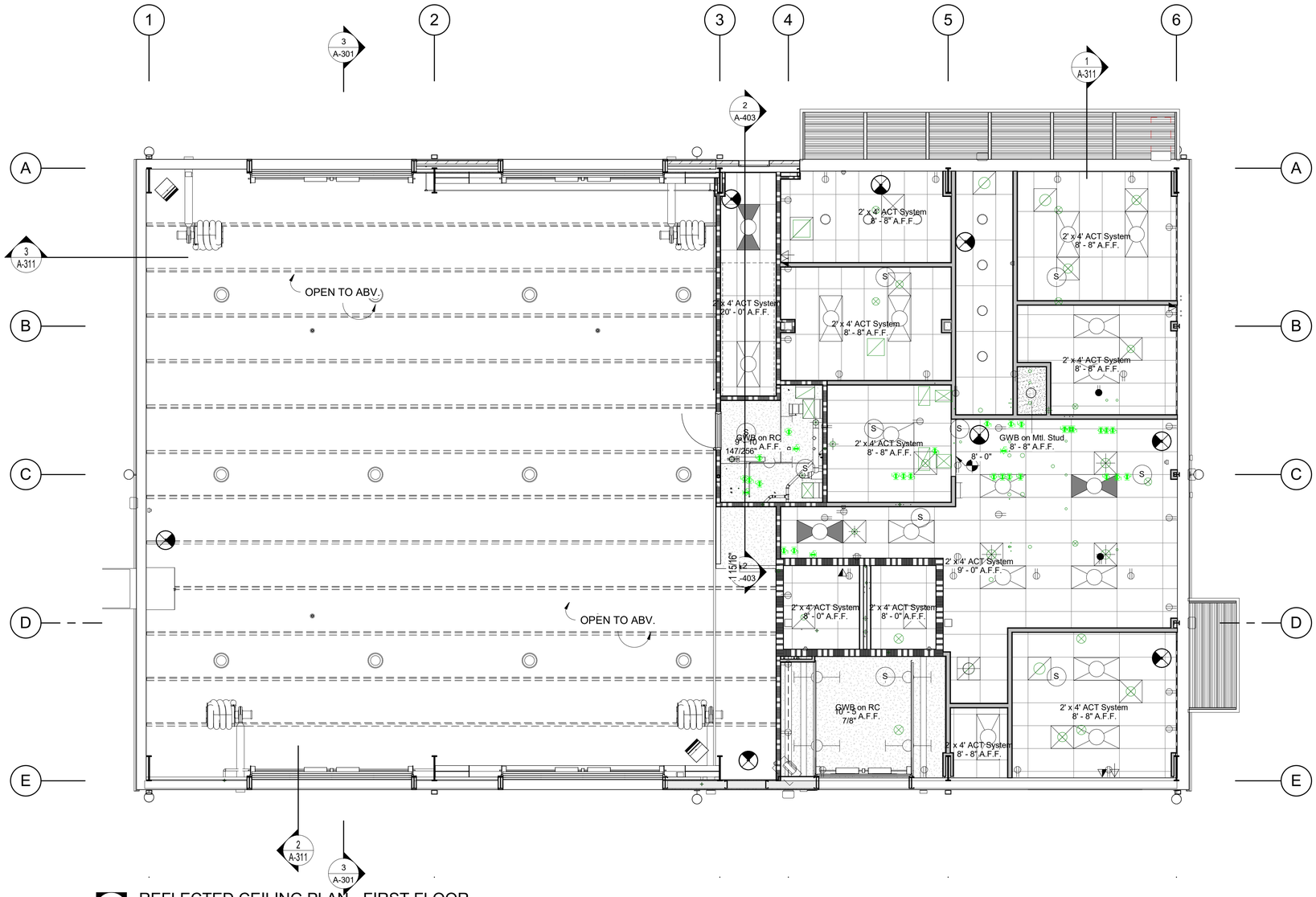
2. ALL LAY-IN CEILING GRIDS SHALL BE CENTERED IN ROOM AS GRAPHICALLY SHOWN IN PLAN, UNLESS DIMENSIONED OTHERWISE.

LEGEND - CEILING PLAN

ACOUSTICAL CEILING TILE

GYP. BD. CEILING AND/OR FURR DOWN

NEW REGISTER, REPLACE ALL EXISTING WITHIN SCOPE OF WORK WITH NEW - WHITE AND EQUAL CFM



1 REFLECTED CEILING PLAN - FIRST FLOOR

3/16" = 1'-0" 1 / A-201

3/9/2021 9:48:28 AM

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CONSTRUCTION DOCUMENTS

PROJECT NO.
2034

PROJECT NAME
ARFF REPLACEMENT

DATE
02-26-2021

CONTENTS
REFLECTED CEILING PLAN

SHEET NUMBER
AR110

SHEET NOTES - CLG PLAN

1. ALL CEILING HEIGHT NOTATIONS TAKEN FROM FINISHED FLOOR ELEVATION OF THIS LEVEL UNLESS NOTED OTHERWISE.

2. ALL LAY-IN CEILING GRIDS SHALL BE CENTERED IN ROOM AS GRAPHICALLY SHOWN IN PLAN, UNLESS DIMENSIONED OTHERWISE.

LEGEND - CEILING PLAN

ACOUSTICAL CEILING TILE

GYP. BD. CEILING AND/OR FURR DOWN

NEW REGISTER. REPLACE ALL EXISTING WITHIN SCOPE OF WORK WITH NEW - WHITE AND EQUAL CFM

1 REFLECTED CEILING PLAN - SECOND FLOOR

3/16" = 1'-0" 1 / A-201

SCALE : 1/4" = 1'-0"

3/9/2021 9:48:29 AM

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ARFF REPLACEMENT

LINDBERGH DRIVE, JONESBORO, AR 72401

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CONSTRUCTION DOCUMENTS

PROJECT NO.
2034

PROJECT NAME
ARFF REPLACEMENT

DATE
02-26-2021

CONTENTS
REFLECTED CEILING PLAN - MEZZANINE

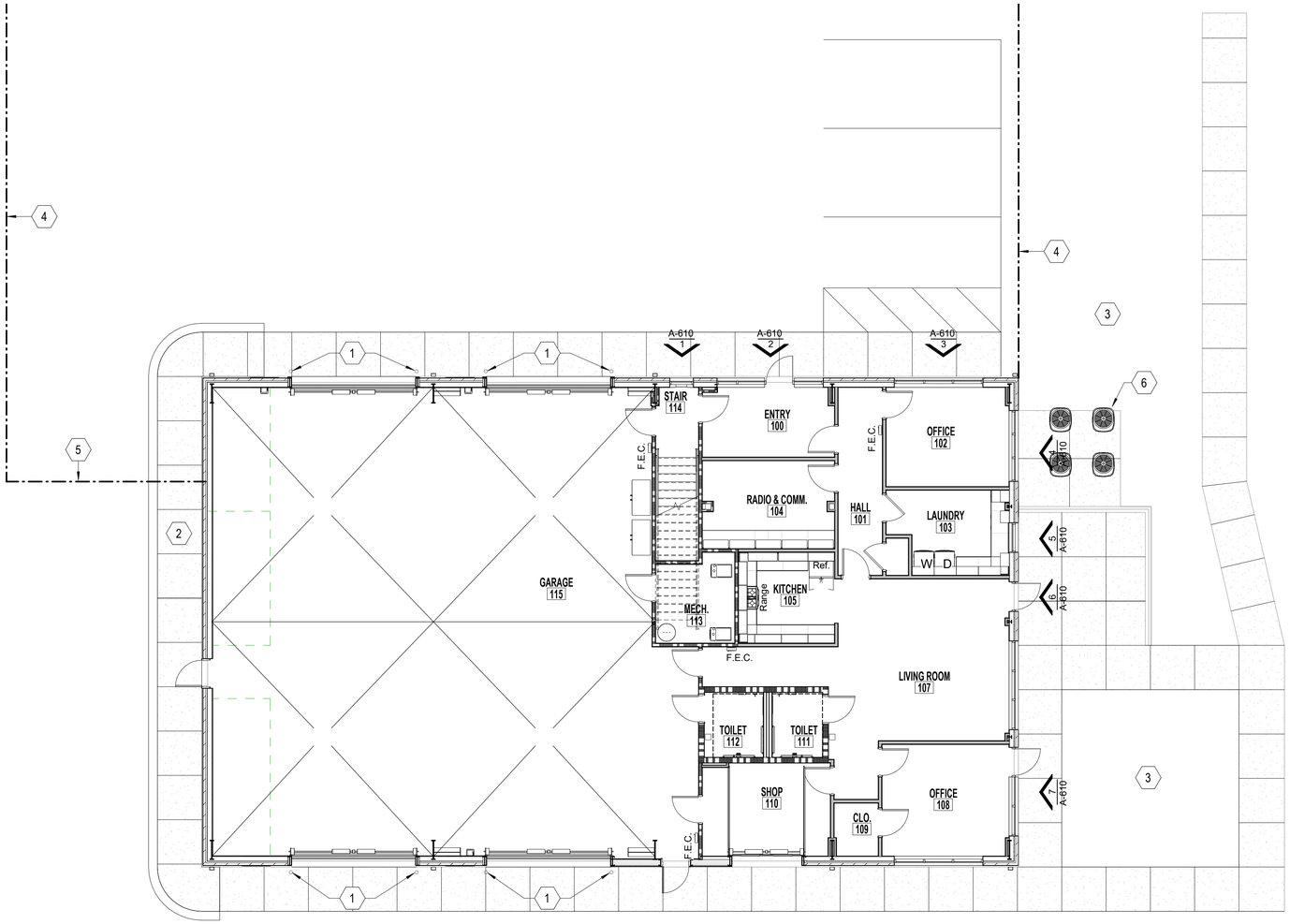
SHEET NUMBER
AR111

SHEET NOTES - SITE PLAN

1. REFER TO CIVIL DRAWINGS FOR GRADING, PAVING, DRAINAGE, UTILITIES, DIMENSIONS, ETC.
2. REFER TO ELECTRICAL DRAWINGS FOR SITE LIGHTING.
3. PROVIDE SOD AT ALL DISTURBED SOIL DUE TO CONSTRUCTION ACTIVITY.
4. ANY DAMAGED SIDEWALKS OR PAVING DUE TO CONSTRUCTION ACTIVITY SHALL BE REPLACED TO MATCH ORIGINAL CONDITION.

KEYED NOTES - ARCHITECTURAL SITE PLAN - OVERALL

#	NOTE
1	NEW PAINT AND TAPE ON EXIST BOLLARD
2	NEW CONCRETE PAVING
3	SOD ALL DISTURBED AREAS
4	NEW CHAIN LINK FENCING
5	NEW GATE IN CHAIN LINK FENCING
6	MECHANICAL EQUIPMENT



1 ARCHITECTURAL SITE PLAN
1/8" = 1'-0" 1 / A-201

PROJECT NORTH TRUE NORTH

0 4 8 16
SCALE : 1/8" = 1'-0"

JONESBORO MUNICIPAL AIRPORT
ARFF REPLACEMENT
LINDBERGH DRIVE, JONESBORO, AR 72401

COOPER MIXON ARCHITECTS PLLC
LL237
REGISTERED ARCHITECT
STATE OF ARKANSAS
02-26-2021

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CONSTRUCTION DOCUMENTS

PROJECT NO.
2034

PROJECT NAME
ARFF REPLACEMENT

DATE
02-26-2021

CONTENTS
ARCHITECTURAL SITE PLAN

SHEET NUMBER
AS101

3/9/2021 9:48:31 AM

ELECTRICAL GENERAL NOTES

1. CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL INSTALLATION WITH THE WORK OF OTHER TRADES. FIELD MODIFICATIONS NEEDED DUE TO OBSTRUCTIONS OR INTERFERENCES SHALL BE PROVIDED AT NO ADDITIONAL COST.

2. ALL WORK SHALL BE PERFORMED IN A NEAT AND WORKMANLIKE MANNER WITHIN STANDARD OF CARE FOR PROFESSION. ALL LABOR, MATERIAL, TOOLS, PERMITS, INSPECTIONS, TESTING, CERTIFICATION, ETC. REQUIRED FOR A COMPLETE AND SATISFACTORY INSTALLATION TO DESIGN INTENT SHALL BE FURNISHED BY CONTRACTOR. PROVIDE, AT NO ADDITIONAL COST, INCLUDING INCIDENTAL ITEMS NOT SHOWN WHEN REQUIRED FOR TYPICAL COMPLETION OF WORK.

3. DRAWINGS NOT BEARING THE STAMP OR SEAL AND SIGNATURE OF A REGISTERED PROFESSIONAL ENGINEER SHALL NOT BE USED FOR BIDDING OR CONSTRUCTION PURPOSES UNLESS EXPRESSLY APPROVED IN WRITING BY THE ARCHITECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ALL DRAWINGS AND SPECIFICATIONS BEING USED FOR BIDDING AND CONSTRUCTION PURPOSES ARE OF THE LATEST REVISION AVAILABLE AND ALL ADDENDUM DOCUMENTS HAVE BEEN INCORPORATED EITHER BY REVISION RELEASE OF DRAWINGS/SPECIFICATIONS OR ATTACHMENT OF SKETCHES OR OTHER ADDENDUM INFORMATION.

4. THE CONTRACTOR SHALL FURNISH AND INSTALL NEW PRODUCTS OF ESTABLISHED AND REPUTABLE MANUFACTURERS. NO EQUIPMENT SUBSTITUTIONS SHALL BE MADE THAT WOULD LEAVE INADEQUATE OPERATING OR SERVICE SPACE. EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDED INSTALLATION PROCEDURES AND IN AN ARRANGEMENT THAT WILL GIVE THE GREATEST PRACTICAL EASE OF OPERATION AND SERVICE TO THE OWNER.

5. ALL EQUIPMENT WHICH IS INDICATED TO BE FURNISHED AND/OR INSTALLED BY OTHERS OR BY OWNER IS INCLUDED FOR REFERENCE ONLY UNLESS NOTED OTHERWISE. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING AND VERIFYING INSTALLATION REQUIREMENTS OF THIS EQUIPMENT WITH THE APPLICABLE SUPPLIER OR THE OWNER. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER.

6. ALL WORK SHALL BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF ALL APPLICABLE CODES AND REGULATIONS INCLUDING BUT NOT LIMITED TO NATIONAL, CITY, STATE, LOCAL ORDINANCES, AND UTILITY COMPANY REGULATIONS. ALL PLUMBING MATERIALS, INSTALLATION PROCEDURES, AND SYSTEM LAYOUTS SHALL BE APPROVED BY ALL APPLICABLE AUTHORITIES HAVING JURISDICTION. THE CONTRACTOR SHALL PROVIDE ALL MATERIALS AND LABOR NECESSARY TO COMPLY WITH THESE RULES, REGULATIONS, AND ORDINANCES. THESE CODES REPRESENT THE MINIMUM ACCEPTABLE REQUIREMENTS, THEREFORE, WHERE DRAWINGS AND/OR SPECIFICATIONS INDICATE MATERIALS OR CONSTRUCTION MORE STRINGENT THAT CODE REQUIREMENTS, THE DRAWINGS AND/OR SPECIFICATIONS SHALL GOVERN.

7. IF COMPLIANCE WITH STANDARDS, CODES, REGULATIONS AND CONTRACT DOCUMENTS ESTABLISH DIFFERENT OR CONFLICTING REQUIREMENTS FOR MINIMUM QUANTITIES OR QUALITY LEVELS, REFER CONFLICTING REQUIREMENTS TO ENGINEER FOR A DECISION BEFORE PROCEEDING.

8. WHERE CONTRACT DOCUMENTS NAME A SINGLE MANUFACTURER AND PRODUCT, PROVIDE THE NAMED PRODUCT THAT COMPLIES WITH REQUIREMENTS. COMPARABLE PRODUCTS OR SUBSTITUTIONS FOR CONTRACTOR'S CONVENIENCE WILL BE CONSIDERED. THE PROJECT.

9. CLOSEOUT SUBMITTALS SHALL INCLUDE, BUT NOT LIMITED TO, OPERATION AND MAINTENANCE MANUALS AND RECORD DRAWINGS.

10. THE CONTRACTOR SHALL VISIT THE SITE OF THE BUILDING BEFORE SUBMITTING A PROPOSAL ON THIS WORK AND SHALL THOROUGHLY FAMILIARIZE HIMSELF WITH THE EXISTING CONDITIONS AND OPERATIONS. FAILURE ON HIS PART TO DO THIS WILL NOT BE CAUSE OF EXTRAS AFTER THE CONTRACT IS SIGNED, BY REASON OF UNFORESEEN CONDITIONS.

11. NO PERSON SHALL PERFORM ELECTRICAL WORK ON THE CONTRACT WITHOUT POSSESSING A MASTER'S OR JOURNEYMAN'S LICENSE FROM THE STATE ELECTRICAL EXAMINERS BOARD. ALL ELECTRICAL WORK AND APPRENTICE ELECTRICIANS SHALL BE SUPERVISED BY A MASTER JOURNEYMAN ELECTRICIAN ON A ONE TO ONE RATIO.

12. PREPARE AND SUBMIT SUBMITTALS TO ARCHITECT.

13. ALL AREAS USED AS RETURN AIR PLENUMS SHALL BE CONSTRUCTED WITH FIRE RESISTANT MATERIALS AND SHALL ONLY CONTAIN MATERIALS WHICH HAVE SMOKE DEVELOPED RATINGS NOT GREATER THAN 50 AND FLAME SPREAD RATINGS NOT GREATER THAN 25.

14. ALL ELECTRICAL EQUIPMENT, SUCH AS SWITCHES, CIRCUIT BREAKERS, ETC. SHALL BE TESTED BY OPERATING THE DEVICE TO VERIFY THAT THE MECHANICAL PORTIONS OF THE DEVICE ARE FUNCTIONING.

15. THE CONTRACT SHALL ASSIST ALL OTHER TRADES IN PERFORMING ROTATIONAL TESTS ON ALL MOTORS PROVIDED UNDER THIS CONTRACT.

16. ALL EXPOSED CONDUIT SHALL BE GALVANIZED RIGID STEEL, SIZED AS SCHEDULED.

17. WIRE SIZE PER CODE UNLESS NOTED ELSEWHERE:

WIRE SIZE 120V

A. #12 LESS THAN 75 FEET
B. #10 BETWEEN 75-150 FEET
C. #8 BETWEEN 150-250 FEET
D. #6 BETWEEN 250-375 FEET

LEGEND

ID	WALL MOUNT STRIP LIGHT.
ID	WALL PACK LIGHT FIXTURE.
ID	RECESSED DOWN LIGHT.
ID	2X4 LED TROFFER.
ID	2X4 LED TROFFER ON EMERGENCY POWER.
ID	2X2 LED TROFFER.
ID	2X2 LED TROFFER ON EMERGENCY POWER.
ID	4' LED STRIP
ID	WALL LIGHT
$ $D $3 $4	SINGLE POLE SWITCH TYPE 1221, "D" DENOTES DIMMER, "3" 3-WAY, "4" - 4 WAY. COORDINATE WITH FIXTURE/LAMP TYPE AND CIRCUIT WATTAGE. MOUNT 54" AFF UNLESS OTHERWISE NOTED.
$OS	WALL MOUNTED DUAL TECH. MOTION SENSOR SWITCH WIRE PER MANUFACTURERS RECOMMENDATION. PROVIDE CONTACTORS TO CONTROL EXHAUST FAN WITH LIGHTS.
$M	MOTOR RATED SWITCH USED FOR EQUIPMENT DISCONNECTING MEANS. SINGLE PHASE: PROVIDE MANUAL MOTOR STARTER WITH THERMAL OVERLOAD RELAYS SIZED PER MOTOR LOAD.
PE	PHOTO-ELECTRIC CELL: EQUAL TO INTERMATIC NO. K4121M.
	BRANCH CIRCUIT HOMERUN. PANEL AND CIRCUIT NUMBER INDICATED.
OS	CEILING MOUNTED DUAL TECH. OCCUPANCY SENSOR. PROVIDE AND INSTALL APPROPRIATE POWER PACK. COORDINATE SWITCHING, LOCATION AND QUANTITY WITH ACTUAL OCCUPANCY SENSOR USED. WIRE PER MANUFACTURERS RECOMMENDATION. PROVIDE OCCUPANCY SENSOR WHICH IS THE CORRECT TYPE FOR THE SPACE. PROVIDE CONTACTORS TO CONTROL EXHAUST FAN WITH LIGHTS.
OS	WALL MOUNTED DUAL TECH. OCCUPANCY SENSOR. PROVIDE AND INSTALL APPROPRIATE POWER PACK. COORDINATE SWITCHING, LOCATION AND NUMBER WITH ACTUAL OCCUPANCY SENSOR USED. WIRE PER MANUFACTURERS RECOMMENDATION. PROVIDE OCCUPANCY SENSOR WHICH IS THE CORRECT TYPE FOR THE SPACE.
	EXIT SIGN/COMBINATION EXIT/EMERGENCY LIGHT
	EXIT SIGN/COMBINATION EXIT/EMERGENCY LIGHT (WITH DIRECTIONAL ARROWS).
	WALL MOUNTED EXIT SIGN/COMBINATION EXIT/EMERGENCY LIGHT.
	DUPLEX RECEPTACLE (TYPE 5362). MOUNT 18" AFF UNLESS OTHERWISE NOTED.
	QUADRUPLEX RECEPTACLE (TYPE 5362). MOUNT 18" AFF UNLESS OTHERWISE NOTED.
	DUPLEX RECEPTACLE GROUND FAULT TYPE GF5362.
	QUADRUPLEX RECEPTACLE GROUND FAULT TYPE GF5362.
	DUPLEX RECEPTACLE MOUNTED ABOVE COUNTER.
	QUADRUPLEX RECEPTACLE MOUNTED ABOVE COUNTER.
	EMERGENCY RECEPTACLE.
	SPECIAL RECEPTACLE AS NOTED ON THE PLANS.
	ELECTRICAL PANEL.
TTB	TELEPHONE AND FIRE ALARM
1	REVISION DELTA.

	DATA: REQUIRES 4" SQUARE OUTLET BOX, APPROPRIATE PLASTER RING, AND 1" C. STUBBED TO AN ACCESSIBLE LOCATION ABOVE A REMOVABLE CEILING TILE. MINIMUM OF TWO DATA CABLES AT EACH LOCATION SHOWN UNLESS OTHERWISE NOTED. MOUNT 18" AFF UNLESS OTHERWISE NOTED.
	TELEPHONE: REQUIRES 4" SQUARE OUTLET BOX, APPROPRIATE PLASTER RING, AND 1" C. STUBBED TO AN ACCESSIBLE LOCATION ABOVE A REMOVABLE CEILING TILE. NUMBER DENOTES THE NUMBER OF TELEPHONE PORTS/CABLES TO BE PROVIDED. MINIMUM OF TWO CABLES AT EACH LOCATION IS REQUIRED UNLESS OTHERWISE NOTED. MOUNT 18" AFF UNLESS OTHERWISE NOTED.
	COMBINATION TELEPHONE/DATA: REQUIRES 4" SQUARE OUTLET BOX, APPROPRIATE PLASTER RING, AND 1" C. STUBBED TO AN ACCESSIBLE LOCATION ABOVE A REMOVABLE CEILING TILE. NUMBER DENOTES THE NUMBER OF TELEPHONE PORTS/CABLES TO BE PROVIDED. MINIMUM OF TWO CABLES AT EACH LOCATION IS REQUIRED UNLESS OTHERWISE NOTED. MOUNT 18" AFF UNLESS OTHERWISE NOTED.
	TELEVISION CABLE OUTLET VERIFY EXACT LOCATION AND MOUNTING HEIGHT WITH THE OWNER PRIOR TO ROUGH-IN. REQUIRES RECEPTACLE, ONE RG6 COAXIAL CABLE AND 2 CATEGORY 5E NETWORK CABLES IN SEPARATE 1" CONDUIT TO DATA ROOM. PROVIDE 3 GANG BACK BOX ARLINGTON #TVBS507.
F XXcd	WALL MOUNT FIRE ALARM VISUAL STROBE-WP DENOTES WEATHER RESISTANT. REQUIRES 4" SQUARE BOX WITH CONDUIT STUBBED ABOVE ACCESSIBLE CEILING. XX DENOTES CANDELA RATING. MOUNT 80" AFF UNLESS OTHERWISE NOTED.
F XXcd	WALL MOUNT FIRE ALARM HORN/STROBE-WP DENOTES WEATHER RESISTANT. REQUIRES 4" SQUARE BOX WITH CONDUIT STUBBED ABOVE ACCESSIBLE CEILING. XXCD DENOTES CANDELA RATING. MOUNT 80" AFF UNLESS OTHERWISE NOTED.
S	CEILING MOUNTED PHOTOELECTRIC SMOKE DETECTOR.
H HH	CEILING MOUNTED HEAT DETECTOR. HH DENOTES HIGH HEAT DETECTOR.
S BB C	CEILING MOUNTED SMOKE DETECTOR. C DENOTES COMBINATION CARBON MONOXIDE DETECTOR. BB DENOTES 520Hz LOW FREQUENCY BUZZER BASE.
FS TS	SPRINKLER SYSTEM FLOW AND TAMPER SWITCHES.
DD	DUCT DETECTOR-FURNISHED AND INSTALLED BY THE FIRE ALARM CONTRACTOR. COORDINATE QUANTITY AND LOCATION WITH MECHANICAL PLANS.
	FIRE ALARM CONTROL PANEL MOUNTED 50" A.F.F.
	FIRE ALARM ANNUNCIATOR PANEL MOUNTED 52" A.F.F.
	MANUAL PULL STATION MOUNTED MINIMUM OF 42"; MAXIMUM OF 48" A.F.F. TO THE ACTIVATING HANDLE OR LEVER OF THE BOX.
FA	FIRE ALARM MODULE FOR CONTROL; PROVIDE ALL LOW VOLTAGE WIRING.
F	FUSED/NON-FUSED DISCONNECT-FUSE ALL EQUIPMENT PER MANUFACTURER RECOMMENDATION FOR THE ACTUAL EQUIPMENT FURNISHED. FURNISH NEMA-4X IN THE KITCHEN. MOUNT DISCONNECT FOR HVAC CONDENSER UNITS WITH TOP OF SWITCH AT 36" A.F.F.
	COMBINATION MAGNETIC STARTER/FUSIBLE DISCONNECT SWITCH; FUSE PER EQUIPMENT FURNISHED.
HP	MOTOR - VERIFY THE SIZE WITH ACTUAL EQUIPMENT FURNISHED. NUMBER REPRESENTS HORSE POWER RATING.
J J J	JUNCTION BOX. VERIFY MOUNTING HEIGHT WITH MILLWORK DETAILS AND/OR THE OWNER'S REPRESENTATIVE. AT EQUIPMENT LOCATIONS VERIFY THE EXACT LOCATION WITH THE EQUIPMENT INSTALLER PRIOR TO ROUGH-IN.

SUBSCRIPTS:

W = WALL MOUNTED @ 48" A.F.F.-OR AS SHOWN.
GFI = GROUND FAULT CIRCUIT INTERRUPTER.
WP = WEATHER RESISTANT RECEPTACLES ARE "GFI", WITH METAL WEATHER RESISTANT "WHILE-IN-USE" COVERS.

AFF = ABOVE FINISHED FLOOR
AFG = ABOVE FINISHED GRADE
NTS = NOT TO SCALE

LIGHT FIXTURE SCHEDULE

TYPE	MANUFACTURER	CATALOG NUMBER	VOLTAGE	LAMP	COLOR	MOUNTING	NOTES
A	COLUMBIA	LJT24-35MLG-FSA12125-EDU	UNV	LED	35K	GRID	2X4 TROFFER
AE	COLUMBIA	LJT24-35MLG-FS12125-EDU-ELL14	UNV	LED	35K	GRID	2X4 TROFFER WITH EMERGENCY
B	COLUMBIA	MPS4-35XL-CW-EDU-CSHC	UNV	LED	35K	GRID	LED STRIP
C	COLUMBIA	UTB2-735MM-EDU-WW16-N-CBA-C6HL	UNV	LED	40K	PENDANT	HIGH BAY LIGHTING
CE	COLUMBIA	UTB2-735MM-EDU-WW16-N-CBA-C6HL-ELL14	UNV	LED	40K	PENDANT	HIGH BAY LIGHTING WITH EMERGENCY
D	PRESCOLITE	LC6SL-6LCSL1435K8	UNV	LED	35K	RECESSED	6" LED DOWNLIGHT
DE	PRESCOLITE	LC6SLEM-6LCSL1435K8	UNV	LED	35K	RECESSED	6" LED DOWNLIGHT WITH EMERGENCY
FE	BROWNLEE	7037-C49-40K-BBC-PO1	UNV	LED	40K	WALL	WALL MOUNT EXTERIOR WITH EM AND PHOTOCELL
G	KIM	KFL3-80L-175-4K7-M-UNV-Y-CBA-PC-WM1-CBA	UNV	LED	40K	WALL	EXTERIOR WALL SPOTLIGHT WITH PHOTOCELL
HE	COLUMBIA	LJT22-35MLG-FS12125-EDU-ELL14	UNV	LED	35K	GRID	2X2 TROFFER WITH EMERGENCY
EX	DUAL-LITE	SERWI	UNV	LED	NA	WALL	EXIT LIGHT WITH EMERGENCY

NOTES: ALL FIXTURE COLORS TO BE SELECTED FROM MANUFACTURERS LIST OF STANDARD COLORS.

STATE OF ARKANSAS
REGISTERED
PROFESSIONAL
ENGINEER
NO. 5823
MICHAEL PRESTON HARRIS
02-26-2021

CERTIFICATE OF AUTHORIZATION
INSIGHT ENGINEERING, PLLC
No. 3523
ARKANSAS

JONESBORO MUNICIPAL AIRPORT

ARFF REPLACEMENT

LINDBURG DRIVE, JONESBORO, AR 72401

COOPER MIXON ARCHITECTS
505 union street, 2nd flr jonesboro, ar 72401
phone 870.336.0536 www.coopermixon.com

CONSTRUCTION DOCUMENTS

PROJECT NO.
2034

PROJECT NAME
ARFF REPLACEMENT

DATE
02-26-2021

CONTENTS
ELECTRICAL GENERAL NOTES AND LEGEND

SHEET NUMBER
E001

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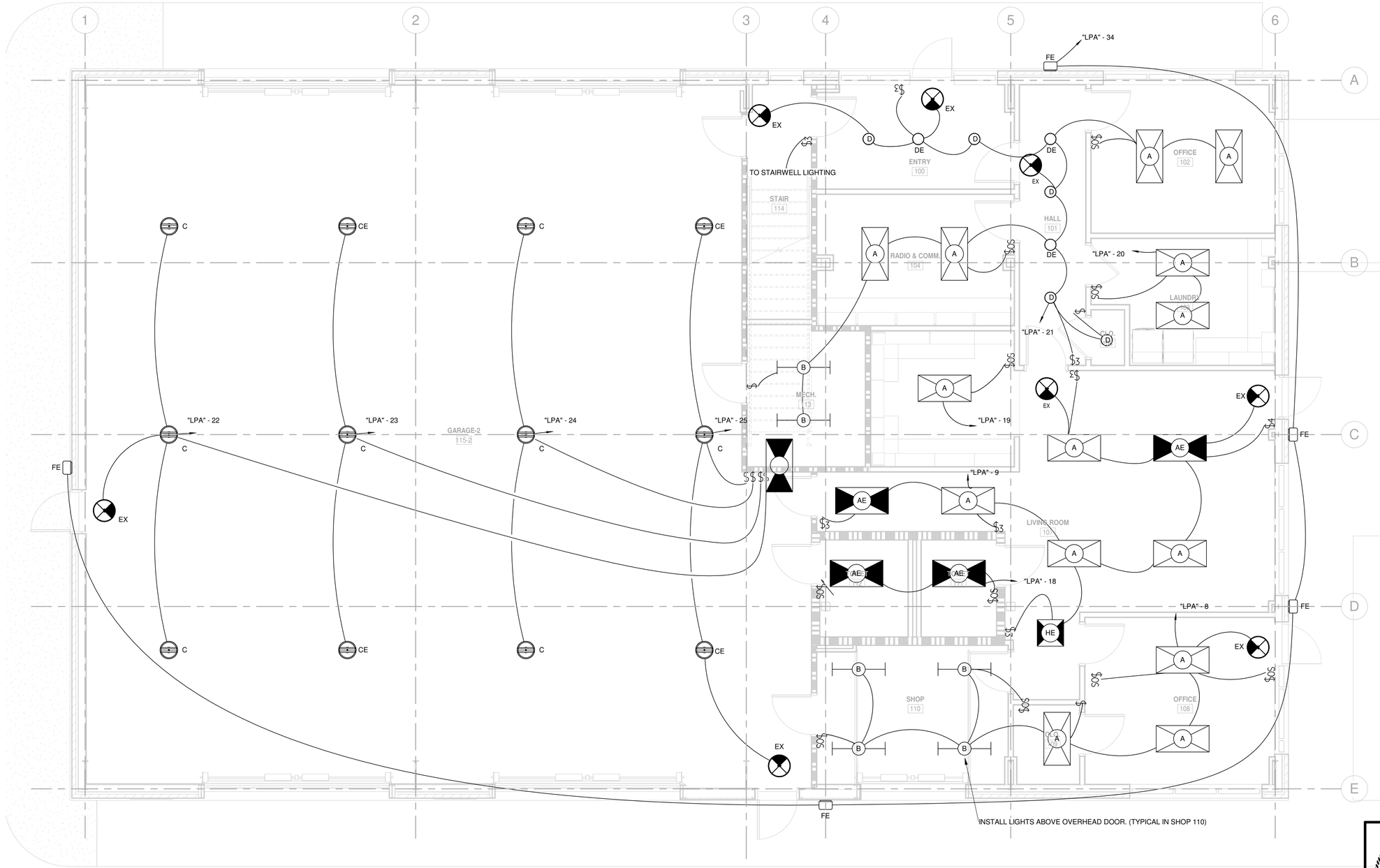
GENERAL NOTES

1. ELECTRICAL CONTRACTOR TO CARRY UNSWITCHED HOT TO ALL EMERGENCY LIGHTS AND EXIT SIGNS.



NORTH

1 FIRST FLOOR PLAN - LIGHTING
1/4" = 1'-0"

SCALE : 1/4" = 1'-0"

3/2/2021 4:08:31 PM

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ARFF REPLACEMENT

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PROJECT NO.
2034

PROJECT NAME
ARFF REPLACEMENT

DATE
02-26-2021

CONTENTS
FIRST FLOOR PLAN - LIGHTING

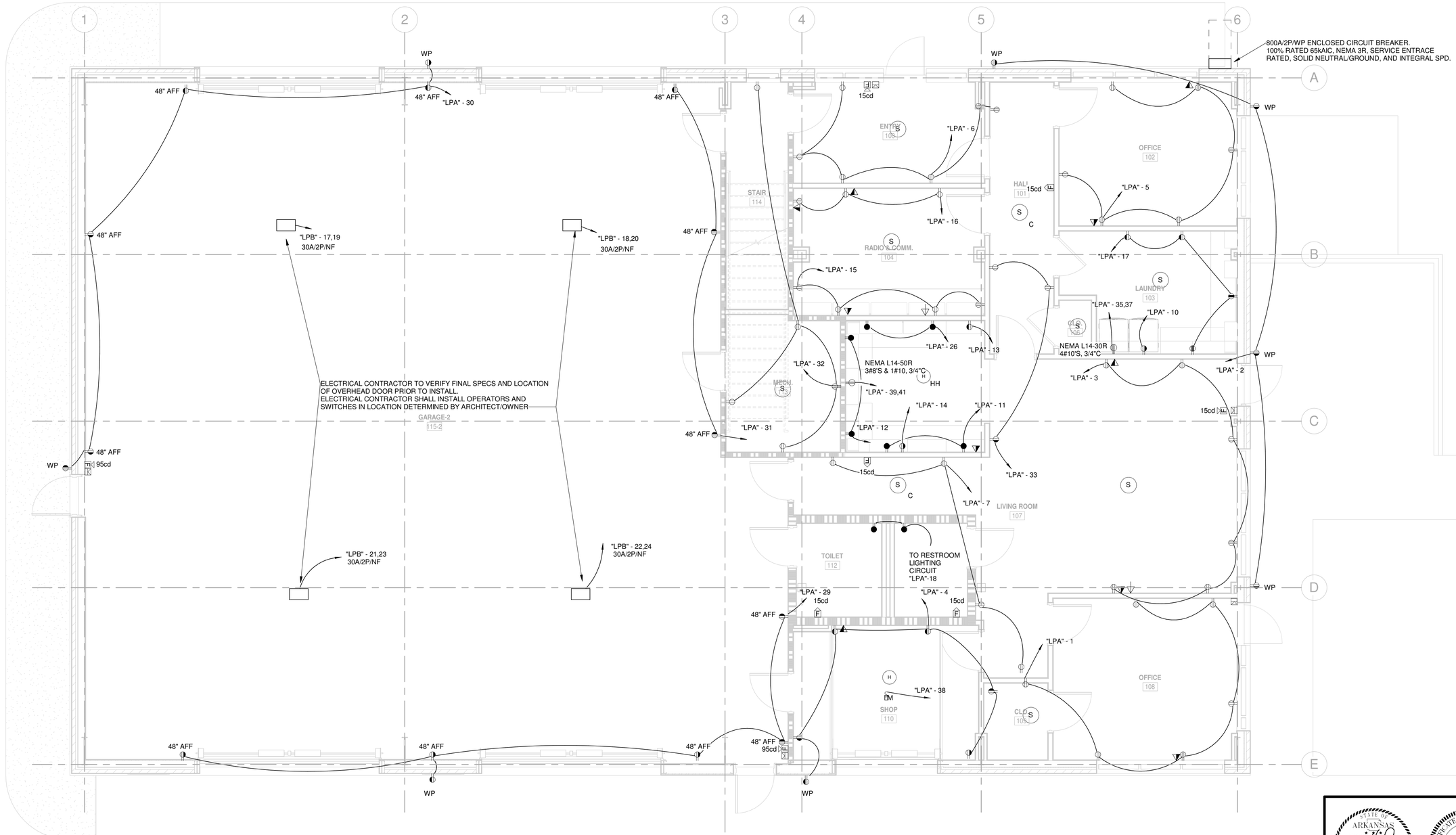
SHEET NUMBER
E101

STATE OF ARKANSAS REGISTERED ENGINEER NO. 5022 MICHAEL PRESTON HASKO 02-26-2021

CERTIFICATE OF AUTHORIZATION INSIGHT ENGINEERING, PLLC No. 3523 ARKANSAS

GENERAL NOTES

1. ALL RECEPTACLES TO BE TAMPERPROOF TYPE.
2. ELECTRICAL CONTRACTOR SHALL INCLUDE IN HIS PRICE A LIGHTNING PROTECTION SYSTEM. SEE SPECIFICATIONS FOR DETAILS.
3. CONTRACTOR TO SEE BID FORM REGARDING ALLOWANCE FOR RADIO EQUIPMENT.



NORTH

1 FIRST FLOOR PLAN - POWER AND SYSTEMS

1/4" = 1'-0"

0 2 4 8

SCALE : 1/4" = 1'-0"

3/2/2021 4:08:32 PM

STATE OF ARKANSAS REGISTERED PROFESSIONAL ENGINEER MICHAEL PRESTON MASON NO. 5022

02-26-2021

CERTIFICATE OF AUTHORIZATION INSIGHT ENGINEERING, PLLC No. 3523 ARKANSAS

JONESBORO MUNICIPAL AIRPORT
ARFF REPLACEMENT

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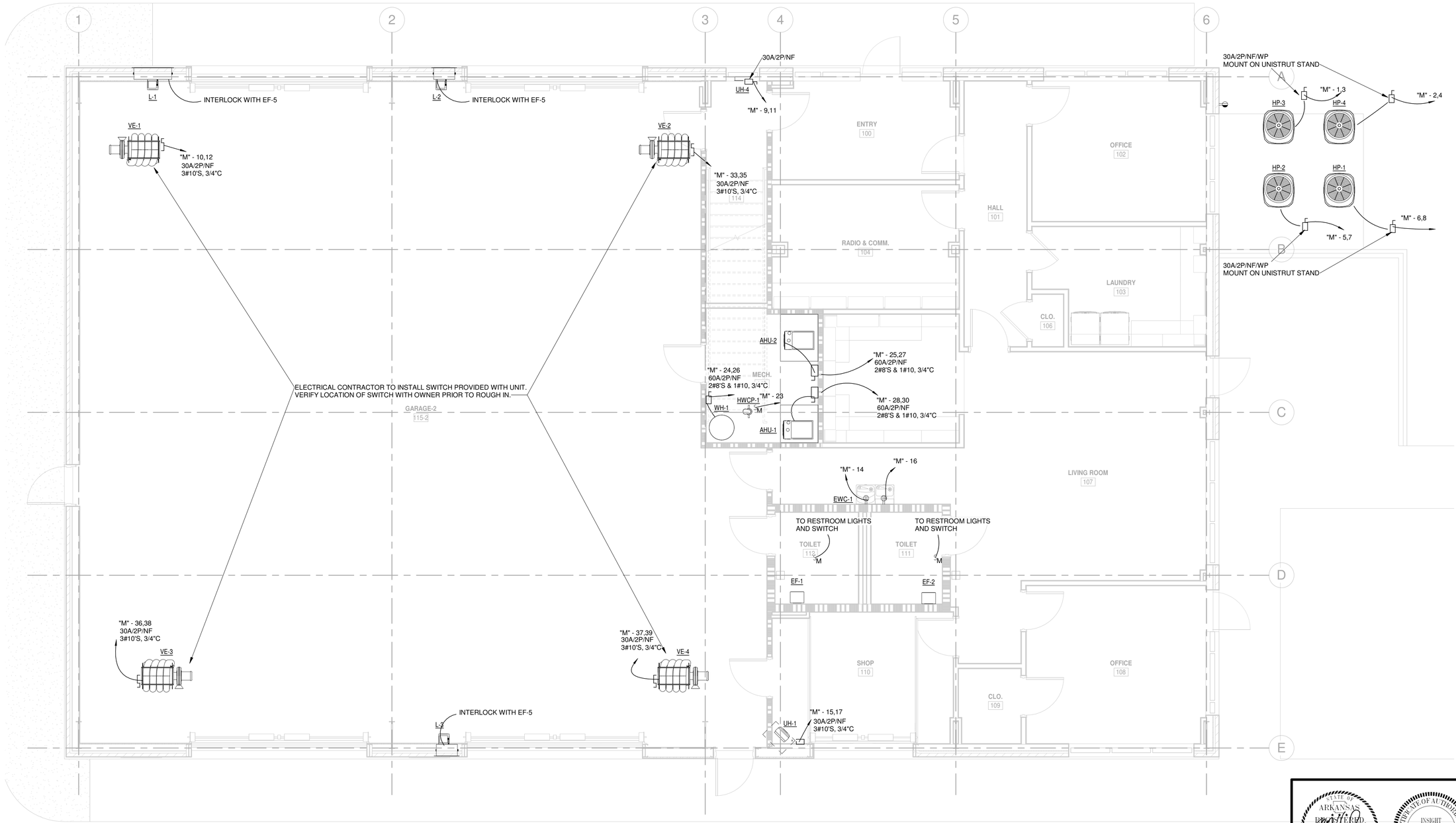
PROJECT NO.
2034

PROJECT NAME
ARFF REPLACEMENT

DATE
02-26-2021

CONTENTS
FIRST FLOOR PLAN - POWER AND SYSTEMS

SHEET NUMBER
E102



NORTH

1 FIRST FLOOR PLAN - MECHANICAL POWER

1/4" = 1'-0"

SCALE : 1/4" = 1'-0"

3/2/2021 4:08:33 PM

JONESBORO MUNICIPAL AIRPORT
ARFF REPLACEMENT

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CONSTRUCTION DOCUMENTS

PROJECT NO.
2034

PROJECT NAME
ARFF REPLACEMENT

DATE
02-26-2021

CONTENTS
FIRST FLOOR PLAN - MECHANICAL POWER

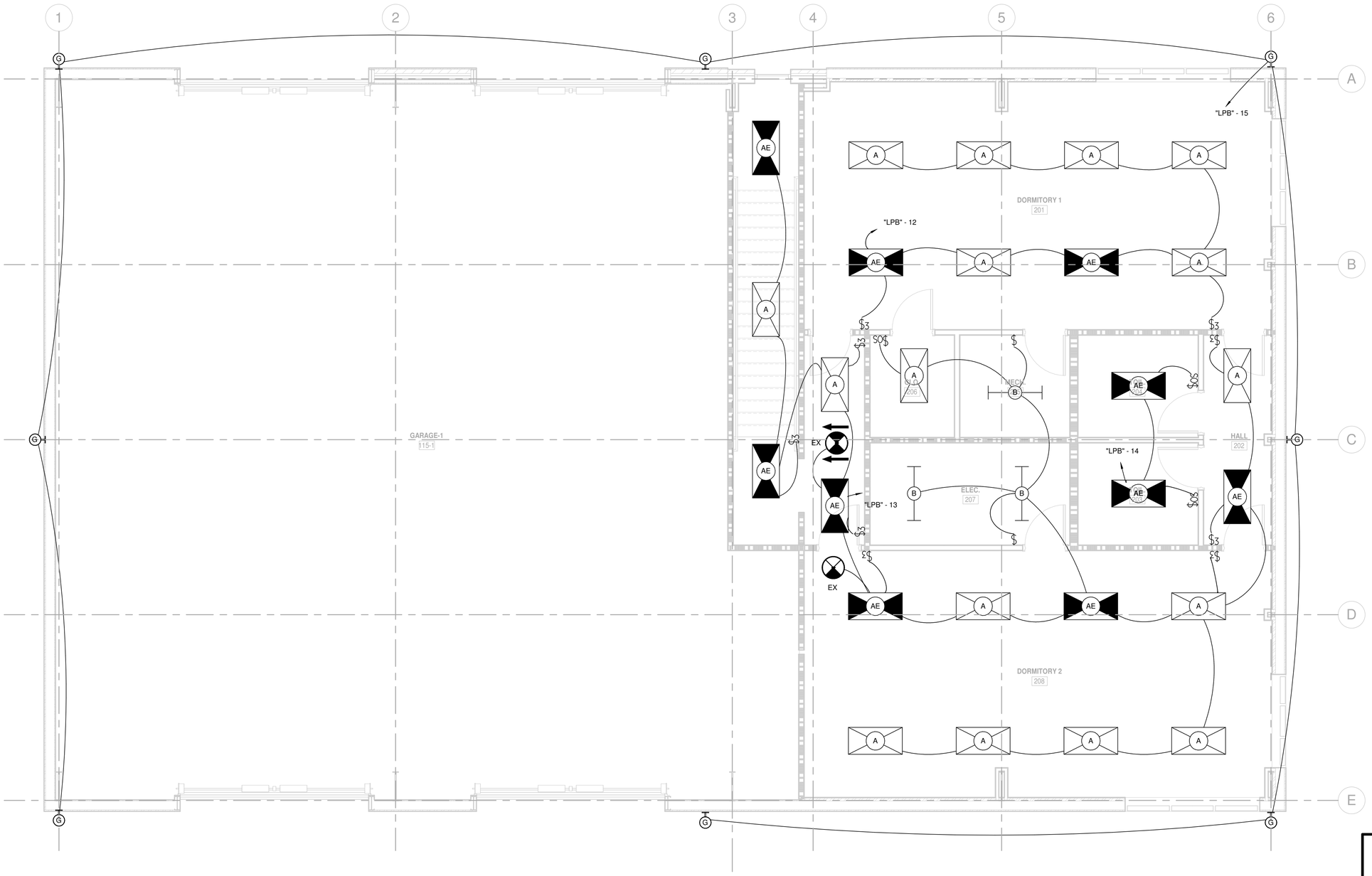
SHEET NUMBER
E103

STATE OF ARKANSAS
REGISTERED
PROFESSIONAL
ENGINEER
No. 5823
MICHAEL PRESTON HARVEY
02-26-2021

CERTIFICATE OF AUTHORIZATION
INSIGHT
ENGINEERING, PLLC
No. 3523
ARKANSAS

GENERAL NOTES

1. ELECTRICAL CONTRACTOR TO CARRY UNSWITCHED HOT TO ALL EMERGENCY LIGHTS AND EXIT SIGNS.



NORTH

1 MEZZANINE PLAN - LIGHTING

1/4" = 1'-0"

SCALE : 1/4" = 1'-0"

0 2 4 8

STATE OF ARKANSAS REGISTERED ARCHITECT NO. 5022 MICHAEL PRESTON MASON

02-26-2021

INSIGHT ENGINEERING, PLLC CERTIFICATE OF AUTHORIZATION No. 3523 ARKANSAS

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PROJECT NO.
2034

PROJECT NAME
ARFF REPLACEMENT

DATE
02-26-2021

CONTENTS
MEZZANINE FLOOR PLAN - LIGHTING

SHEET NUMBER
E104

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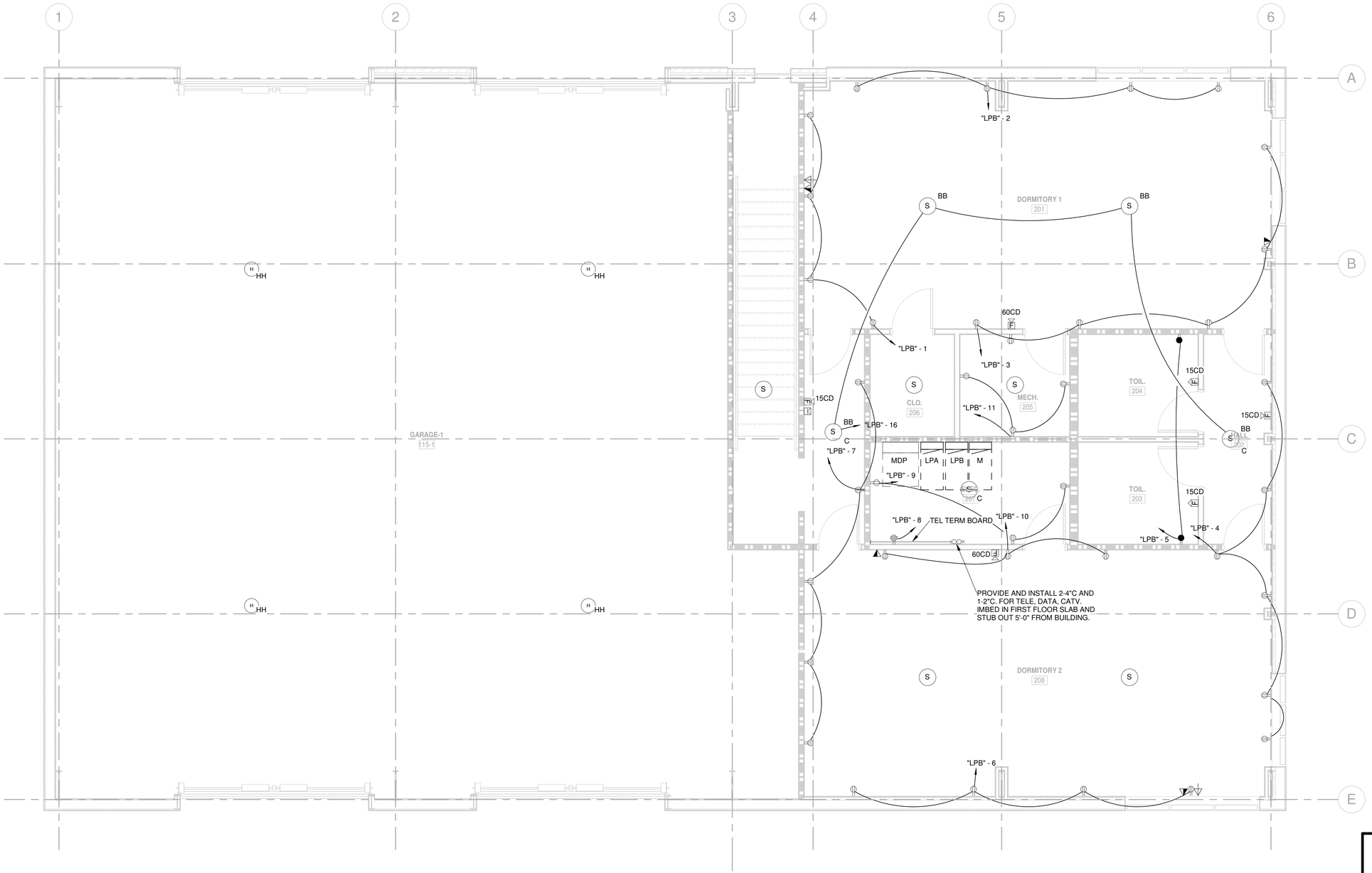

NORTH

1 MEZZANINE PLAN - POWER AND SYSTEMS

1/4" = 1'-0"

0 2 4 8

SCALE : 1/4" = 1'-0"

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JONESBORO MUNICIPAL AIRPORT

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CONSTRUCTION DOCUMENTS

PROJECT NO.

2034

PROJECT NAME

ARFF REPLACEMENT

DATE

02-26-2021

CONTENTS

MEZZANINE FLOOR PLAN - POWER AND SYSTEMS

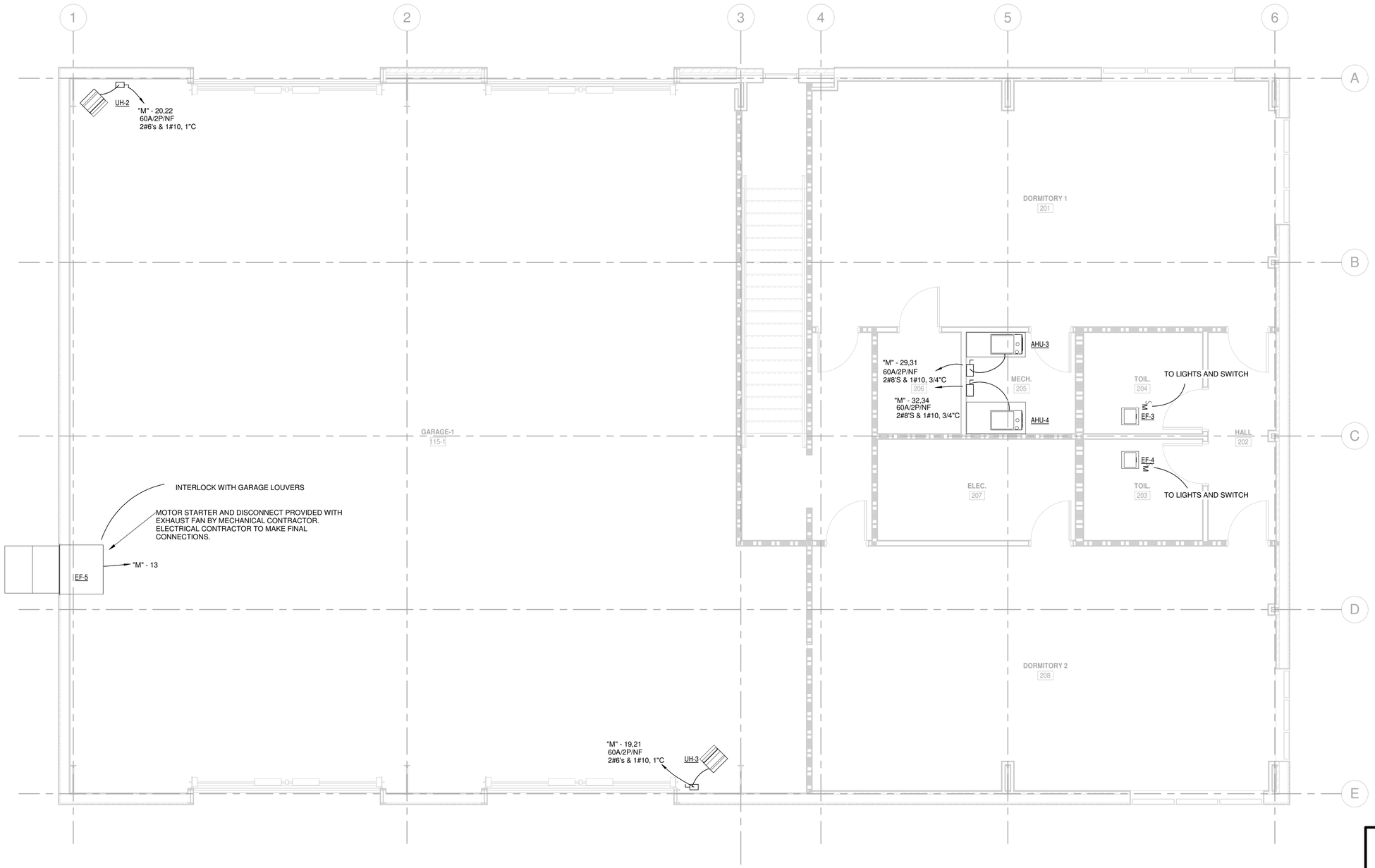
STATE OF ARKANSAS REGISTERED ENGINEER No. 5023 MICHAEL PRESTON MASKE

02-26-2021

INSIGHT ENGINEERING, PLLC No. 3523 CERTIFICATE OF AUTHORIZATION ARKANSAS

SHEET NUMBER

E105



NORTH

1 MEZZANINE PLAN - MECHANICAL POWER

1/4" = 1'-0"

0 2 4 8

SCALE : 1/4" = 1'-0"

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JONESBORO MUNICIPAL AIRPORT

ARFF REPLACEMENT

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PROJECT NO.

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PROJECT NAME

ARFF REPLACEMENT

DATE

02-26-2021

CONTENTS

MEZZANINE FLOOR PLAN - MECHANICAL POWER

SHEET NUMBER

E106

STATE OF ARKANSAS REGISTERED PROFESSIONAL ENGINEER MICHAEL PRESTON MARKS NO. 5823 02-26-2021

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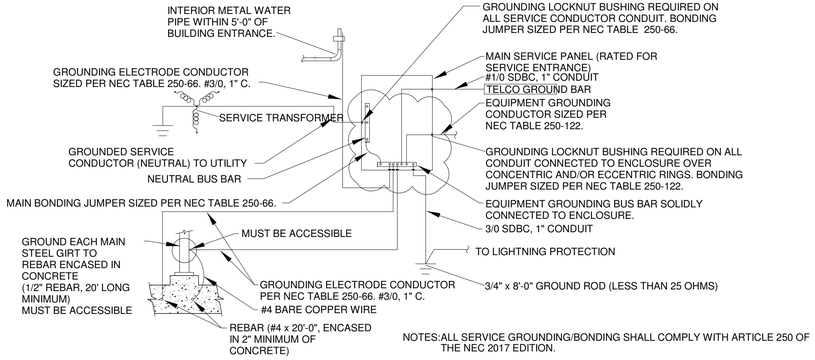
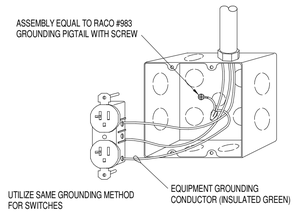
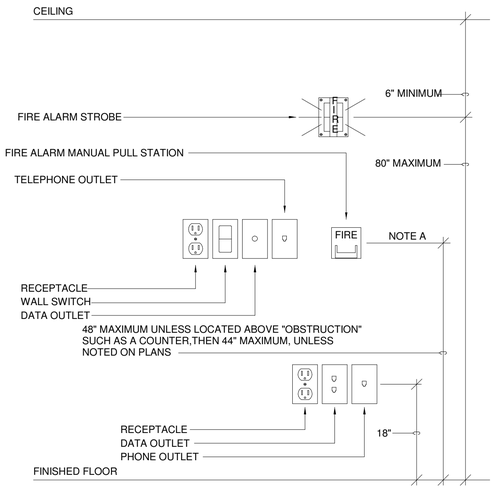


NOTES:
1. ALL SERVICE GROUNDING/BONDING SHALL COMPLY WITH ARTICLE 250 OF THE NEC 2017 EDITION.
2. ALL GROUNDING BUS TO BE SOLIDLY CONNECTED TO ENCLOSURE.
3. USE EXOTHERMIC WELDS FOR CONNECTION TO BUILDING STEEL AND REBAR.
4. PROVIDE SYSTEM BONDING JUMPER AND GROUNDING ELECTRODE CONDUCTOR IN TRANSFORMERS SIZED PER NEC TABLE 250.66.
5. FURNISH TELCO GROUND BAR. COPPER: 4" X 12" X 1/4" WITH PREDRILLED 1/4" - 20 HOLES AND INSULATED STANDOFF MOUNTS. PROVIDE ONE PER DATA/COMMUNICATIONS/LOW VOLTAGE SYSTEMS ROOM.

1 SERVICE GROUND DETAIL
NOT TO SCALE:



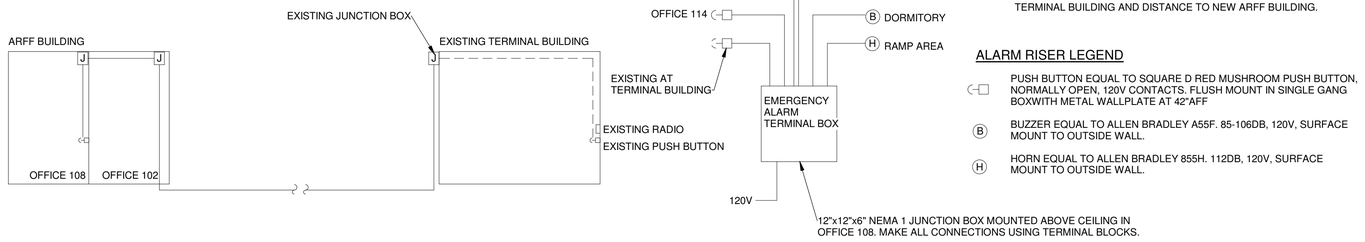
2 DEVICE/JUNCTION BOX GROUNDING DETAIL
NOT TO SCALE:



GENERAL MOUNTING HEIGHT NOTES:

A. COORDINATE WITH ARCHITECT FOR EXACT LOCATION AND ELEVATION OF ALL DEVICES IN PROXIMITY TO SINKS, COUNTERTOPS, BACK SPLASHES, CABINETRY AND ARCHITECTURAL FEATURE ELEMENTS.

3 DEVICE/JUNCTION BOX GROUNDING DETAIL
NOT TO SCALE:



ALARM GENERAL NOTES
1. CONNECT SWITCHES/BUZZERS/HORNS IN PARALLEL SO ALL BUZZERS/HORNS SOUND IF EITHER SWITCH IS PUSHED.
2. ALL WIRING SHALL BE AT LEAST #12'S IN 3/4"C.
3. ELECTRICAL CONTRACTOR SHALL VISIT SITE PRIOR TO BID TO DETERMINE LOCATION OF EXISTING JUNCTION BOX AT TERMINAL BUILDING AND DISTANCE TO NEW ARFF BUILDING.

ALARM RISER LEGEND
- PUSH BUTTON EQUAL TO SQUARE D RED MUSHROOM PUSH BUTTON, NORMALLY OPEN, 120V CONTACTS. FLUSH MOUNT IN SINGLE GANG BOXWITH METAL WALLPLATE AT 42"AFF
- (B) BUZZER EQUAL TO ALLEN BRADLEY A55F. 85-106DB, 120V, SURFACE MOUNT TO OUTSIDE WALL.
- (H) HORN EQUAL TO ALLEN BRADLEY 855H. 112DB, 120V, SURFACE MOUNT TO OUTSIDE WALL.

4 ALARM SYSTEM DIAGRAM
NOT TO SCALE:

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JONESBORO MUNICIPAL AIRPORT

ARFF REPLACEMENT

LINDBURG DRIVE, JONESBORO, AR 72401

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CONSTRUCTION DOCUMENTS

PROJECT NO.
2034

PROJECT NAME
ARFF REPLACEMENT

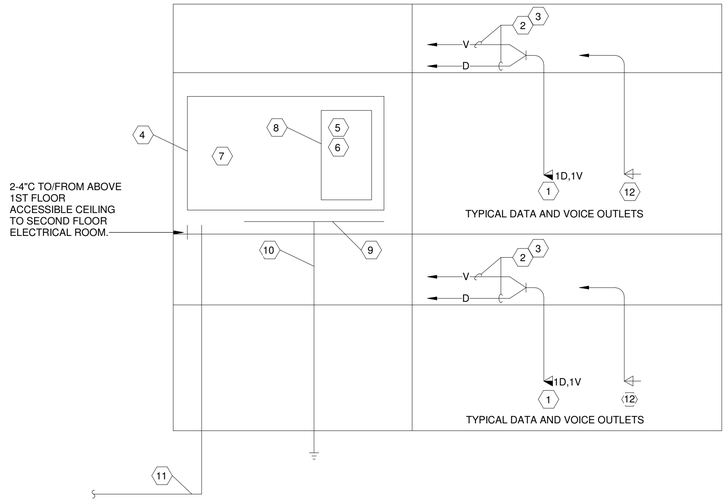
DATE
02-26-2021

CONTENTS
ELECTRICAL DETAILS AND DIAGRAMS

SHEET NUMBER
E201

STATE OF ARKANSAS REGISTERED PROFESSIONAL ENGINEER No. 5822 MICHAEL PRESTON WARREN
02-26-2021

CERTIFICATE OF AUTHORIZATION INSIGHT ENGINEERING, PLLC No. 3523 ARKANSAS



1 DATA RISER DIAGRAM

NOT TO SCALE:

GENERAL SYSTEMS RISER NOTES:

1. CONDUIT FROM ALL DATA COMMUNICATIONS OUTLETS SHALL BE ROUTED AS FOLLOWS:

   A. IN AREAS WITH ACCESSIBLE CEILING SPACE, CONDUIT MAY BE STUBBED TO ABOVE THE ACCESSIBLE CEILING AND ROUTED USING STRAPS OR D HOOKS TO DATA RACK.

   B. IN AREAS WITH GYPSUM OR EXPOSED CEILING CONDUIT SHALL BE RUN TO THE NEAREST ACCESSIBLE CEILING AND ROUTED USING STRAPS OR D HOOKS TO DATA RACK.

2. PROVIDE APPROPRIATE 6'-0" TERMINATED CATEGORY 6 JUMPER CABLE FOR EACH FIELD WIRED PORT IN PATCH PANELS

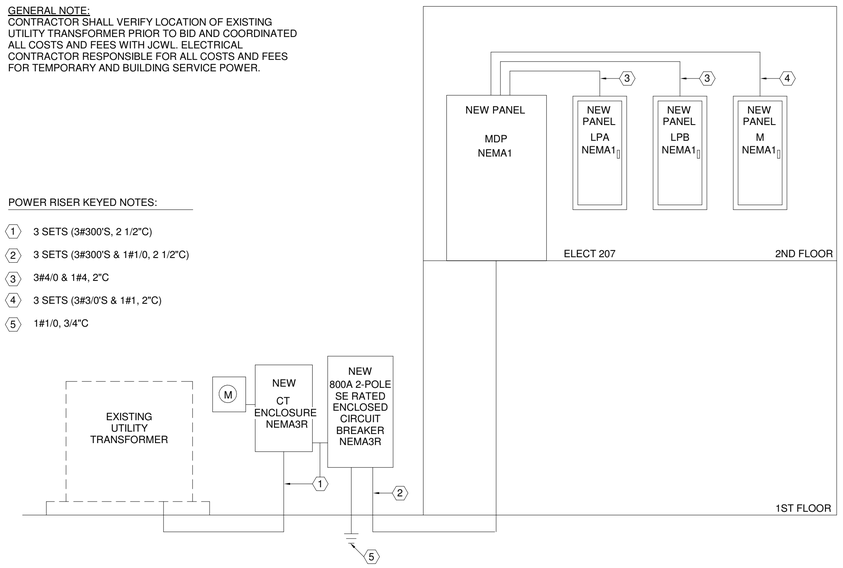
DATA RISER KEYED NOTES:

1. TYPICAL DATA OUTLET: NUMBER OF OUTLETS AS SHOWN PER PLANS, IF NONE SHOWN INSTALL ONE VOICE AND ONE DATA. PROVIDE AND INSTALL ALL TERMINATIONS, COVERPLATES, ETC.
2. MINIMUM CONDUIT TO BE 1" FROM OUTLET TO ABOVE ACCESSIBLE CEILING.
3. ALL VOICE/DATA CABLES TO BE CAT-6. HOMERUN TO NEW PATCH PANEL IN RACK. ALL CABLES TO BE PLENUM RATED. ROUTE IN STRAPS OR D-HOOKS.
4. TELEPHONE TERMINAL BOARD: 3/4" x4'-0"x8'-0" FIRE TREATED. PLYWOOD BACKBOARD. PAINT WITH FIRE RESISTANT WHITE PAINT.
5. 48 PORT PATCH PANEL TERMINATE ALL CAT-6 CABLES.
6. 24 PORT 10/100 ETHERNET SWITCH.
7. 24 PORT RJ-11 MODULAR 65 BLOCK FOR TEL LINE INTERFACE. INSTALL MODULAR 66 ONTO TELEPHONE TERMINAL BOARD
8. WALL RACK EQUAL TO CHATSWORTH #11791-X25
9. COPPER GROUND BUS.
10. 1#6, 3/4"C TO GROUND RING.
11. 2-4"C & 1-2"C WITH PULLSTRINGS, STUB OUT 5'-0" FROM BUILDING.
12. TYPICAL CATV OUTLET: PROVIDE AND INSTALL BOX, FACEPLATE, AND F-CONNECTOR. 1"C TO ABOVE ACCESSIBLE CEILING. HOMERUN TO CABLE DEMARK IN ELECTRICAL ROOM.

GENERAL NOTE:
CONTRACTOR SHALL VERIFY LOCATION OF EXISTING UTILITY TRANSFORMER PRIOR TO BID AND COORDINATED ALL COSTS AND FEES WITH JCWL. ELECTRICAL CONTRACTOR RESPONSIBLE FOR ALL COSTS AND FEES FOR TEMPORARY AND BUILDING SERVICE POWER.

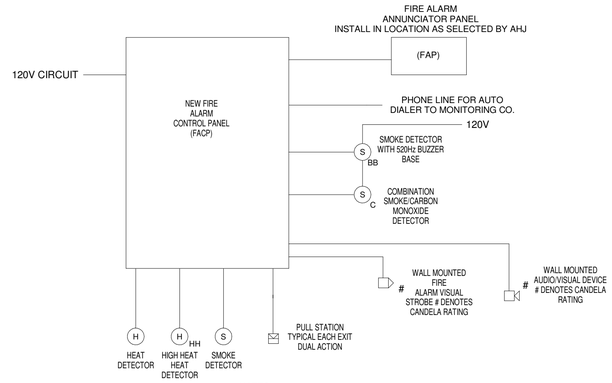
POWER RISER KEYED NOTES:

1. 3 SETS (3#300'S, 2 1/2"C)
2. 3 SETS (3#300'S & 1#1/0, 2 1/2"C)
3. 3#4/0 & 1#4, 2"C
4. 3 SETS (3#3/0'S & 1#1, 2"C)
5. 1#1/0, 3/4"C



2 POWER RISER DIAGRAM

NOT TO SCALE:



NOTES:
1. COORDINATE WITH THE LOCAL "A.H.J." PRIOR TO BIDDING THIS PROJECT.
2. FIRE ALARM CONTRACTOR TO MODIFY AS NECESSARY FOR SYSTEM PROVIDED.

3 FIRE ALARM RISER DIAGRAM

NOT TO SCALE:

JONESBORO MUNICIPAL AIRPORT

ARFF REPLACEMENT

LINDBURG DRIVE, JONESBORO, AR 72401

COOPER MIXON ARCHITECTS
505 union street, 2nd flr jonesboro, ar 72401
phone 870.336.0536 www.coopermixon.com

CONSTRUCTION DOCUMENTS

PROJECT NO.
2034

PROJECT NAME
ARFF REPLACEMENT

DATE
02-26-2021

CONTENTS
ELECTRICAL DETAILS AND DIAGRAMS

SHEET NUMBER
E202

STATE OF ARKANSAS REGISTERED PROFESSIONAL ENGINEER NO. 5022 MICHAEL PRESTON HASKO
02-26-2021

CERTIFICATE OF AUTHORIZATION INSIGHT ENGINEERING, PLLC No. 3523 ARKANSAS

3/2/2021 4:08:35 PM

Branch Panel: MDP

Location: ELEC. 207
Supply From:
Mounting: Surface
Enclosure: 1

Volts: 120/240 Single Phase
Phases: 1
Wires: 3

A.I.C. Rating: 22kA
Bus Rating: 800 A
MCB Rating: MLO

Notes:

CKT	Circuit Description	Trip (A)	Poles	"A" PHASE (VA)		"B" PHASE (VA)		Poles	Trip (A)	Circuit Description	CKT
1	PANEL "LPA"	225	2	18183	54560			2	600	PANEL "M"	2
3	--	--	--			13889	54560	--	--	--	4
5	PANEL "LPB"	225	2	9390	0			2	225	PREPARED SPACE	6
7	--	--	--			10004	0	--	--	--	8
9											10
11											12
13											14
15											16
17											18
19											20
21											22
23											24
25											26
27											28
29											30
		Total Load:		82133 VA		78453 VA					
		Total Amps:		684 A		654 A					

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Lighting	1536 VA	100.00%	1536 VA		
Other	147530 VA	100.00%	147530 VA	**Total Conn. Load:**	160586 VA
				Total Est. Demand:	159826 VA
				Total Conn. Current:	446 A
				Total Est. Demand Current:	666 A

Branch Panel: "LPA"

Location: ELEC. 207
Supply From: MDP
Mounting: SURFACE
Enclosure: NEMA 1

Volts: 120/240 Single Phase
Phases: 1
Wires: 3

A.I.C. Rating: 22kAIC
Bus Rating: 225 A
MCB Rating: MLO

Notes:

CKT	Circuit Description	Trip (A)	Poles	"A" PHASE (VA)		"B" PHASE (VA)		Poles	Trip (A)	Circuit Description	CKT
1	RECEPTACLES - OFFICE 108 - AFCI BREAKER	20	1	1200	800			1	20	RECEPTACLES - RADIO, MECH, OFFICE, ENTRY...	2
3	RECEPTACLES - LIVING ROOM - AFCI BREAKER	20	1			1200	1200	1	20	RECEPTACLES - SHOP - AFCI BREAKER	4
5	RECEPTACLES - OFFICE - AFCI BREAKER	20	1	1200	1200			1	20	RECEPTACLES - ENTRY - AFCI BREAKER	6
7	RECEPTACLES - CORR, LIVING ROOM - AFCI...	20	1			800	247	1	20	RECEPTACLES - SHOP 110, OFFICE 108 AFCI...	8
9	RECEPTACLES - LIVING - AFCI BREAKER	20	1	258	200			1	20	WASHER - GFI BREAKER	10
11	RECEPTACLES - KITCHEN - AFCI BREAKER	20	1			400	400	1	20	RECEPTACLES - KITCHEN - AFCI BREAKER	12
13	RECEPTACLES - KITCHEN - AFCI BREAKER	20	1	200	200			1	20	RECEPTACLES - KITCHEN - AFCI BREAKER	14
15	RECEPTACLES - COMM/RADIO - AFCI BREAKER	20	1			800	600	1	20	RECEPTACLES - COMM/RADIO - AFCI BREAKER	16
17	RECEPTACLES - LAUNDRY	20	1	800	76			1	20	LIGHTING/RECEPTS - RESTROOMS	18
19	LIGHTING - KITCHEN - AFCI BREAKER	20	1			38	76	1	20	LIGHTING - LAUNDRY - AFCI BREAKER	20
21	RECEPTACLES - RADIO/MECH/OFFICE/ENTRY -...	20	1	386	389			1	20	LIGHTING - GARAGE - GFI BREAKER	22
23	LIGHTING - GARAGE - GFI BREAKER	20	1			384	384	1	20	LIGHTING - GARAGE - GFI BREAKER	24
25	LIGHTING - GARAGE - GFI BREAKER	20	1	389	400			1	20	RECEPTACLES - KITCHEN - AFCI BREAKER	26
27											28
29	RECEPTACLES - GARAGE	20	1	1200	1200			1	20	RECEPTACLES - GARAGE	30
31	RECEPTACLES - GARAGE	20	1			600	1000	1	20	RECEPTACLES - MECH/STAIR - AFCI BREAKER	32
33	RECEPTACLES - CORRIDOR - AFCI BREAKER	20	1	600	225			1	20	LIGHTING - WALL MOUNT EXTERIOR	34
35	DRYER	30	2			2880					36
37	--	--	--	2880	1500			1	20	OVERHEAD DOOR - SHOP	38
39	OVEN	50	2			2880					40
41	--	--	--	2880							42
		Total Load:		18183 VA		13889 VA					
		Total Amps:		152 A		116 A					

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Lighting	1536 VA	100.00%	1536 VA		
Other	19016 VA	100.00%	19016 VA	**Total Conn. Load:**	32072 VA
				Total Est. Demand:	31312 VA
				Total Conn. Current:	89 A
				Total Est. Demand Current:	130 A

Branch Panel: "LPB"

Location: ELEC. 207
Supply From: MDP
Mounting: SURFACE
Enclosure: NEMA 1

Volts: 120/240 Single Phase
Phases: 1
Wires: 3

A.I.C. Rating: 22kAIC
Bus Rating: 225 A
MCB Rating: MLO

Notes:

CKT	Circuit Description	Trip (A)	Poles	"A" PHASE (VA)		"B" PHASE (VA)		Poles	Trip (A)	Circuit Description	CKT
1	RECEPTACLES - DORM - AFCI BREAKER	20	1	800	800			1	20	RECEPTACLES - DORM - AFCI BREAKER	2
3	RECEPTACLES - DORM - AFCI BREAKER	20	1			1000	1200	1	20	RECEPTACLES - HALL/EXCERCISE - AFCI BREAKER	4
5	RECEPTACLES - RESTROOM	20	1	400	800			1	20	RECEPTACLES - EXCERCISE - AFCI BREAKER	6
7	RECEPTACLES - HALL/EXCERCISE AFCI BREAKER	20	1			1000	200	1	20	TELEPHONE TERMINAL BOARD - AFCI BREAKER	8
9	RECEPTACLES - ELECTRICAL ROOM - AFCI...	20	1	600	600			1	20	RECEPTACLES - EXCERCISE - AFCI BREAKER	10
11	RECEPTACLES - MECHANICAL - AFCI BREAKER	20	1			600	304	1	20	LIGHTING - DORM - AFCI BREAKER	12
13	LIGHTING - STAIR/EXCERCISE/CORRIDOR - AFCI...	20	1	714	76			1	20	LIGHTING - RESTROOM - GFI BREAKER	14
15	EXTERIOR LIGHTING	20	1			400	700	1	20	120V SMOKE DETECTORS - AFCI BREAKER	16
17	OVERHEAD DOOR - GARAGE	25	2	1150	1150			2	25	OVERHEAD DOOR - GARAGE	18
19	--	--	--			1150	1150	--	--	--	20
21	OVERHEAD DOOR - GARAGE	25	2	1150	1150			2	25	OVERHEAD DOOR - GARAGE	22
23	--	--	--			1150	1150	--	--	--	24
25											26
27											28
29											30
31											32
33											34
35											36
37											38
39											40
41											42
		Total Load:		9390 VA		10004 VA					
		Total Amps:		78 A		83 A					

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Other	19394 VA	100.00%	19394 VA		
				Total Conn. Load:	19394 VA
				Total Est. Demand:	19394 VA
				Total Conn. Current:	54 A
				Total Est. Demand Current:	81 A

Branch Panel: "M"

Location: ELEC. 207
Supply From: MDP
Mounting: SURFACE
Enclosure: NEMA 1

Volts: 120/240 Single Phase
Phases: 1
Wires: 3

A.I.C. Rating: 22kAIC
Bus Rating: 600 A
MCB Rating: MLO

Notes:

CKT	Circuit Description	Trip (A)	Poles	"A" PHASE (VA)		"B" PHASE (VA)		Poles	Trip (A)	Circuit Description	CKT
1	HP-1	30	2	2280	2280			2	30	HP-2	2
3	--	--	--			2280	2280	--	--	--	4
5	HP-4	30	2	2280	2280			2	30	HP-3	6
7	--	--	--			2280	2280	--	--	--	8
9	UH-4	20	2	1500	1150			2	20	VEHICLE EXHAUST - GARAGE	10
11	--	--	--			1500	1150	--	--	--	12
13	EF-5	35	1	1500	200			1	20	EWC - GFI BREAKER	14
15	UH-1	30	2			2500	200	1	20	EWC - GFI BREAKER	16
17	--	--	--	2500							18
19	UH-3	60	2			5000	5000	2	60	UH-2	20
21	--	--	--	5000	5000			--	--	--	22
23	HWCP-1	20	1			1500	4500	2	50	WH-1	24
25	AHU-2	45	2	5160	4500			--	--	--	26
27	--	--	--			5160	5160	2	45	AHU-1	28
29	AHU-3	45	2	5160	5160			--	--	--	30
31	--	--	--			5160	5160	2	45	AHU-4	32
33	VEHICLE EXHAUST - GARAGE	25	2	1150	5160			--	--	--	34
35	--	--	--			1150	1150	2	25	VEHICLE EXHAUST - GARAGE	36
37	VEHICLE EXHAUST - GARAGE	25	2	1150	1150			--	--	--	38
39	--	--	--			1150					40
41											42
		Total Load:		54560 VA		54560 VA					
		Total Amps:		455 A		455 A					

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Other	109120 VA	100.00%	109120 VA		
				Total Conn. Load:	109120 VA
				Total Est. Demand:	109120 VA
				Total Conn. Current:	303 A
				Total Est. Demand Current:	455 A

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JONESBORO MUNICIPAL AIRPORT

ARFF REPLACEMENT

LINDBURG DRIVE, JONESBORO, AR 72401

COOPER MIXON ARCHITECTS
505 union street, 2nd flr jonesboro, ar 72401
phone 870.336.0536 www.coopermixon.com

CONSTRUCTION DOCUMENTS

PROJECT NO.
2034

PROJECT NAME
ARFF REPLACEMENT

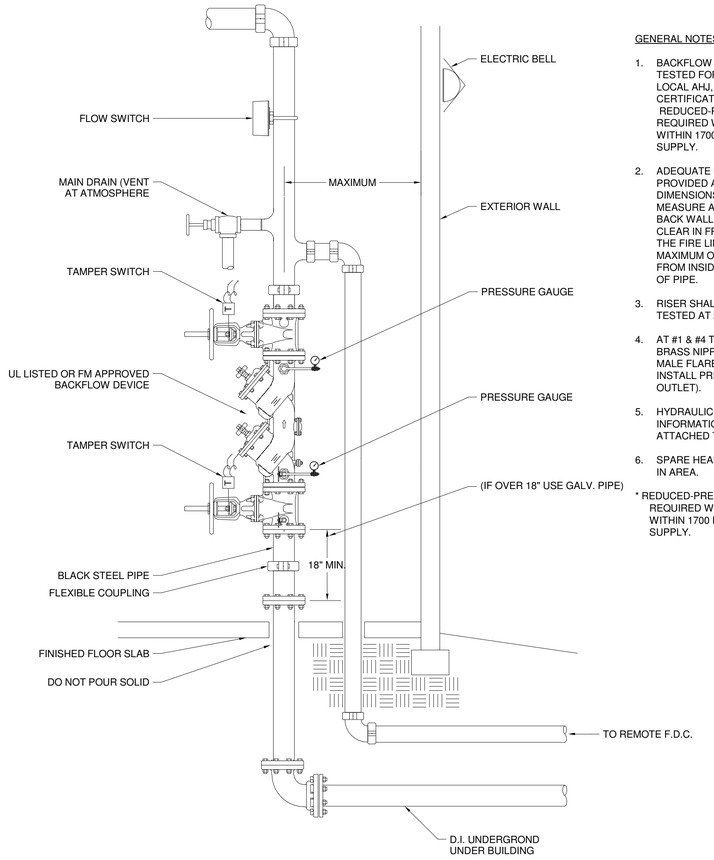
DATE
02-26-2021

CONTENTS
ELECTRICAL SCHEDULES

SHEET NUMBER
E301

STATE OF ARKANSAS REGISTERED PROFESSIONAL ENGINEER NO. 5022 MICHAEL PRESTON HARRIS
02-26-2021

INSIGHT ENGINEERING, PLLC CERTIFICATE OF AUTHORIZATION No. 3523 ARKANSAS

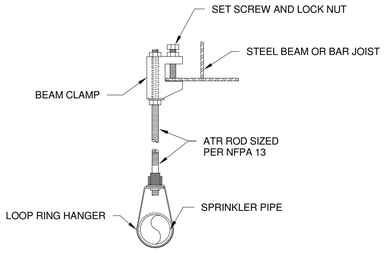


GENERAL NOTES:

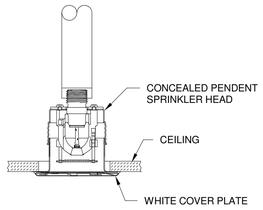
1. BACKFLOW PREVENTER SHALL BE TESTED FOR PROPER OPERATION PER LOCAL AHJ, BEFORE A TEMPORARY CERTIFICATE OF OCCUPANCY IS ISSUED. REDUCED-PRESSURE BACKFLOW REQUIRED WHEN F.D. CONNECTION IS WITHIN 1700 FEET OF AN AUXILIARY SUPPLY.
2. ADEQUATE CLEARANCE SHALL BE PROVIDED AROUND FIRE RISER. DIMENSIONS FROM FACE OF PIPE SHALL MEASURE A MINIMUM OF 12" OFF THE BACK WALL, 18" ON EACH SIDE AND 36" CLEAR IN FRONT WITH A FULL HEIGHT THE FIRE LINE SHALL EXTEND A MAXIMUM OF 3' INTO THE BUILDING FROM INSIDE FACE OF WALL TO CENTER OF PIPE.
3. RISER SHALL BE HYDROSTATICALLY TESTED AT 200 PSI FOR TWO HOURS.
4. AT #1 & #4 TEST PORTS INSTALL A 1/2" BRASS NIPPLE, TEE & PLUGS W/1/2" x 1/4" MALE FLARED CONNECTION W/ CAP (INSTALL PRESSURE GAUGE ON TEE OUTLET).
5. HYDRAULIC DESIGN AND SUMMARY INFORMATION PER NFPA SHALL BE ATTACHED TO RISER.
6. SPARE HEAD BOX SHALL BE MOUNTED IN AREA.

* REDUCED-PRESSURE BACKFLOW REQUIRED WHEN F.D. CONNECTION IS WITHIN 1700 FEET OF AN AUXILIARY SUPPLY.

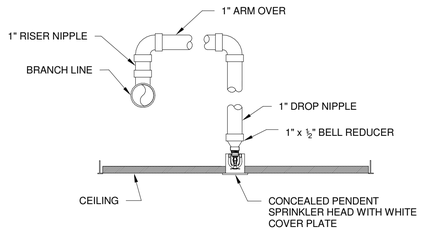
1 SPRINKLER RISER DETAIL
NOT TO SCALE:



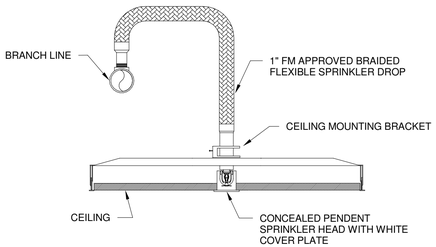
2 BEAM CLAMP HANGER DETAIL
NOT TO SCALE:



3 CONCEALED SPRINKLER HEAD DETAIL
NOT TO SCALE:



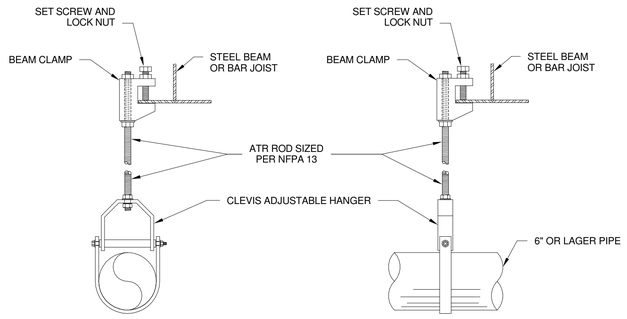
4 HARD PIPE RETURN BEND DETAIL
NOT TO SCALE:



NOTES: THIS INSTALLATION MAY BE USED IN LIEU OF THE HARD PIPE RETURN BEND INSTALLATION FOR SEISMIC, EASE OF INSTALLATION, TENANT FLEXIBILITY, OWNER, OR SPECIFIC SPRINKLER HEAD LOCATION REQUIREMENTS.

INCLUDE THE EQUIVALENT PIPE LENGTH AS SPECIFIED IN THE MANUFACTURER'S PRODUCT DATA SHEETS IN THE HYDRAULIC CALCULATION REPORTS.

5 BRAIDED FLEXIBLE SPRINKLER DROP DETAIL
NOT TO SCALE:



6 CLEVIS RING HANGER DETAIL
NOT TO SCALE:

FIRE PROTECTION GENERAL NOTES

1. PROVIDE THE ENGINEER OF RECORD WITH A PRELIMINARY PUNCH LIST AND DRAWING PRIOR TO COMPLETION OF CONSTRUCTION. ALL ITEMS NOTED SHALL BE ADDRESSED BY THE CONTRACTOR PRIOR TO REQUESTING PUNCH LIST BY THE ENGINEER OF RECORD.
2. ALL PIPE, DEVICES, AND INSTALLATION SHALL FULLY COMPLY WITH NFPA 13, AND ALL REQUIRED AUTHORITIES HAVING JURISDICTION.
3. COMPLY WHOLLY WITH THE REQUIREMENT TO INSTALL ALL PIPING WITHIN CONCEALED SPACES PROVIDED.
4. REFER TO NOTES ON DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS. REFER TO STRUCTURAL AND ARCHITECTURAL DRAWINGS FOR BUILDING DETAILS.
5. REFER TO ARCHITECTURAL DRAWINGS FOR GENERAL RENOVATION ITEMS SUCH AS CEILINGS, WALLS AND AREAS OF WORK.
6. SPRINKLER COVERAGE NOT TO EXCEED 225 SQUARE FEET PER HEAD FOR LIGHT HAZARD/ HAZARD CATEGORY-1 AREAS. SPRINKLER COVERAGE NOT TO EXCEED 130 SQUARE FEET PER HEAD FOR ORDINARY HAZARD/ HAZARD CATEGORY-2 AREAS.
7. THOROUGHLY SURVEY THE PROPERTY AND REVIEW ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL AND PLUMBING (M.E.P.) CONDITIONS, EXISTING OR PLANNED, PRIOR TO BID. THERE IS VERY LIMITED SPACE AVAILABLE FOR PIPE ROUTING.
8. PROVIDE FIRE PROTECTION SHOP DRAWINGS WITH COMPLETE REFLECTED CEILING PLANS INDICATING LOCATION OF EACH SPRINKLER HEAD, AS WELL AS PIPING LAYOUTS, AND ROOM NAMES. PROVIDE ADDITIONAL SPRINKLER HEADS (OVER CODE MINIMUM), IF REQUESTED BY THE ARCHITECT, TO OBTAIN SYMMETRICAL CEILING LAYOUTS.
9. FIRE PROTECTION SYSTEM SHALL BE COMPLETE WITH SPRINKLER PIPING AND HEADS, ELECTRONIC SUPERVISION AND APPURTENANCES AS REQUIRED BY NFPA AND AUTHORITIES HAVING JURISDICTION. PIPE SIZING SHALL BE ESTABLISHED BY THE FIRE PROTECTION CONTRACTOR.
10. CONDUCT A COORDINATION MEETING WITH SUBCONTRACTORS TO ESTABLISH CLEARANCE REQUIREMENTS NEEDED FOR M.E.P. WORK PRIOR TO FABRICATION OF SPRINKLER SYSTEM. ANY RELOCATION OF FIRE SPRINKLER SYSTEM REQUIRED FOR PROPER INSTALLATION OF M.E.P. SYSTEMS IS AT THE CONTRACTOR'S EXPENSE.
11. BASE BID ON CAREFUL COORDINATION OF ARCHITECTURAL COMPONENTS, EXISTING AND NEW MECHANICAL DUCT, MECHANICAL AND PLUMBING PIPING, ELECTRICAL AND STRUCTURAL SYSTEMS IN THE BUILDING.
12. BASE HYDRAULIC CALCULATIONS ON A WATER FLOW TEST OBTAINED FROM THE CITY OF JONESBORO VERIFY FLOW TEST DATA WITH LOCAL AUTHORITIES. IF A CURRENT TEST IS NOT AVAILABLE, CONDUCT A PROPER FLOW TEST PRIOR TO PREPARATION OF SHOP DRAWINGS. PROVIDE A MINIMUM OF 10 PSI SAFETY FACTOR FOR ALL HYDRAULIC CALCULATIONS. PIPE SIZING INDICATED ON THE DRAWINGS IS FOR INFORMATIONAL PURPOSES ONLY. PIPE SIZING SHALL BE ESTABLISHED BY THE FIRE PROTECTION CONTRACTOR.
13. INTERFACE FIRE PROTECTION SYSTEM WITH THE BUILDING FIRE ALARM SYSTEM. REFER TO ELECTRICAL.
14. PROVIDE AND INSTALL ELECTRONIC SUPERVISION FOR ALL CONTROL VALVES.
15. PROVIDE SPECIAL CONSIDERATION TO AREAS THROUGHOUT THE RENOVATED AREA SUCH AS DROPPED SOFFITS, RAISED CEILINGS, FALSE BEAMS, AND LIGHTING SOFFITS THAT NECESSITATE ADDITIONAL SPRINKLER HEADS. REFER TO ARCHITECTURAL DRAWINGS FOR REFLECTED CEILING PLANS AND BUILDING DETAILS.
16. PROVIDE AND INSTALL QUICK RESPONSE SPRINKLERS FOR LIGHT HAZARD AND ORDINARY HAZARD AREAS, UNLESS OTHERWISE NOTED.
17. ALL NEW CEILING MOUNTED SPRINKLER HEADS SHALL BE CHROME PENDENTS WITH CHROME RECESSED ESCUTCHEONS, UNLESS NOTED OTHERWISE ON FIRE PROTECTION PLANSOR SPECIFICATIONS. EXERCISE CAUTION AROUND CEILING MOUNTED DEVICES OR OPERABLE DOORS. INSTALL CONCEALED SPRINKLERS AS NEEDED TO ELIMINATE SPRINKLERSBEING AN OBSTRUCTION ISSUE WITH OTHER EQUIPMENT.
18. ALL NEW WALL MOUNTED SPRINKLER HEADS SHALL BE CHROME HORIZONTAL SIDEWALLS WITH CHROME RECESSED ESCUTCHEONS, UNLESS NOTED OTHERWISE ON FIRE PROTECTION PLANS OR SPECIFICATIONS.
19. ALL NEW SPRINKLER HEADS INSTALLED IN EXPOSED STRUCTURE SHALL BE BRASS UPRIGHT, UNLESS NOTED OTHERWISE ON FIRE PROTECTION PLANS OR SPECIFICATIONS.
20. PROVIDE AND INSTALL ALL CEILING MOUNTED SPRINKLER HEADS IN THE CENTER OF CEILING TILES.
21. PROVIDE AUXILIARY DRAINS FOR ALL TRAPPED PIPING SECTIONS IN ACCORDANCE WITH NFPA 13.
22. INSTALL PIPING HORIZONTALLY AND AT RIGHT ANGLES TO WALLS AND CEILINGS.
23. ALL NEW GROOVED PIPING SHALL BE BLACK SCHEDULE 10 OR BLACK SCHEDULE 40 WITH GROOVED AND WELDED OUTLETS. FITTINGS ANDCOUPLINGS SHALL BE STANDARD GROOVED.
24. ALL NEW THREADED PIPING SHALL BE BLACK SCHEDULE 40. FITTINGS SHALL BE STANDARD "BLACK" GRADE.
25. DO NOT INSTALL ALTERNATIVE STEEL PIPE SCHEDULES ALLOWED BY NFPA 13.
26. PROVIDE PROTECTION FOR SPRINKLER HEADS IN AREAS WHERE THE CEILING AND SURROUNDING AREAS ARE TO BE PAINTED. REMOVE SPRINKLER PROTECTION AFTER PAINTINGWORK IS COMPLETE. REPLACE, AT NO ADDITIONAL EXPENSE TO THE OWNER, ANY SPRINKLER HEAD WITH PAINT OR TEXTURE OVERSPRAY.
27. PROVIDE HEAD GUARDS ON ALL SPRINKLER HEADS AT OR BELOW AN ELEVATION OF 7'-0" AFF, OR THAT OTHERWISE MAY BE SUBJECT TO MECHANICAL DAMAGE, SUCH AS IN THE MECHANICAL ROOMS.
28. REPAIR ALL HOLES IN WALLS, FLOORS, AND CEILINGS AND MAINTAIN REQUIRED FIRE RATING OF WALL AND CEILINGS.
29. SEISMIC BRACING/ RESTRAINT IS REQUIRED FOR THIS PROJECT.
30. FIRE PROTECTION PLANS SHALL BE SUBMITTED AND RECEIVED APPROVAL PRIOR TO FABRICATION BY AND ALL REQUIRED LOCAL AND STATE AUTHORITIES.

STATE OF ARKANSAS REGISTERED ENGINEER NO. 19764 FALLON A. LEE
INSIGHT ENGINEERING, PLLC CERTIFICATE OF AUTHORIZATION No. 3523 ARKANSAS
02-26-2021

JONESBORO MUNICIPAL AIRPORT
ARFF REPLACEMENT
LINDBURG DRIVE, JONESBORO, AR 72401

COOPER MIXON ARCHITECTS
505 union street, 2nd flr jonesboro, ar 72401
phone 870.336.0536 www.coopermixon.com

CONSTRUCTION DOCUMENTS

PROJECT NO.
2034

PROJECT NAME
ARFF REPLACEMENT

DATE
02-26-2021

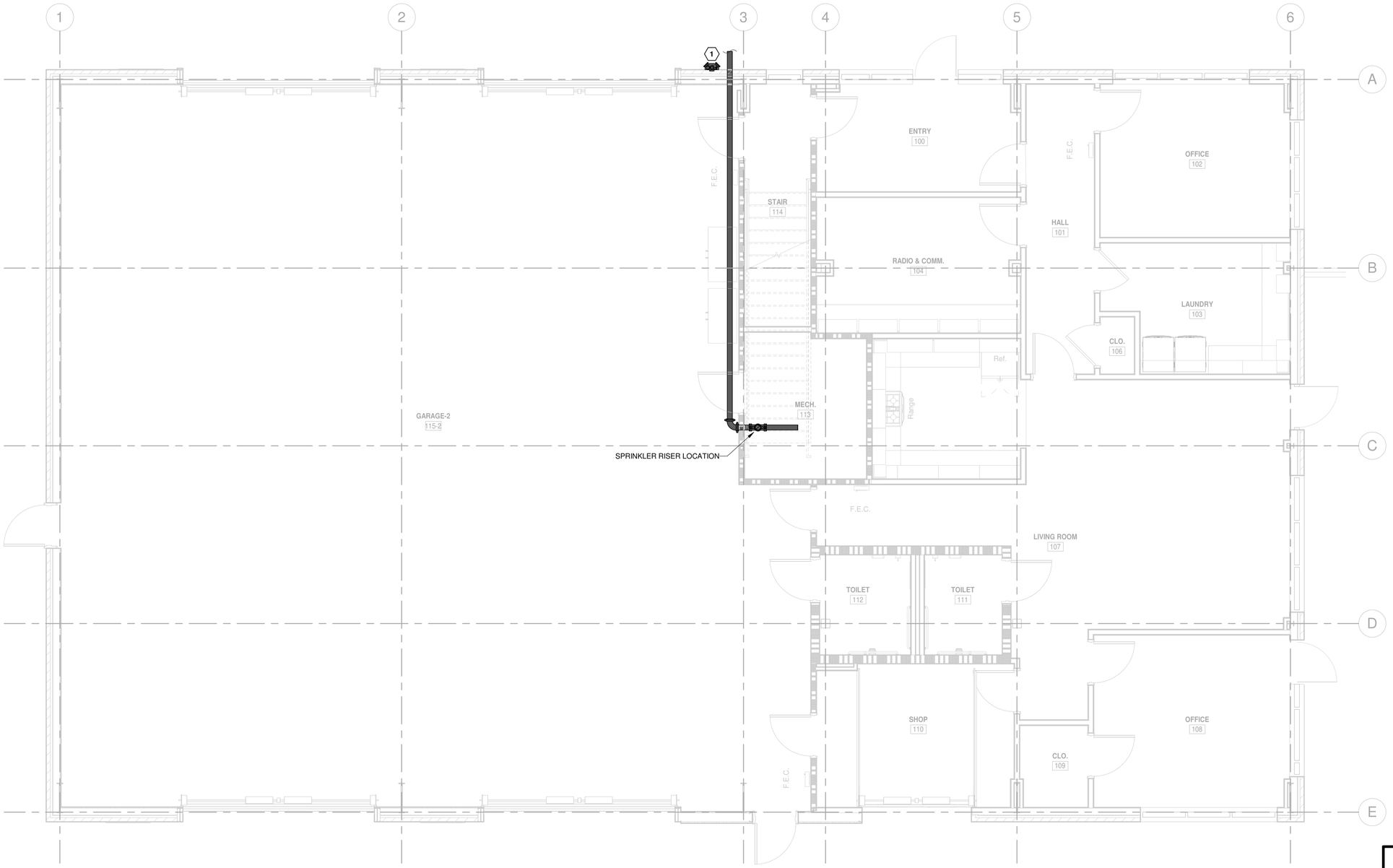
CONTENTS
FIRE PROTECTION GENERAL NOTES AND DETAILS

SHEET NUMBER
FP001

3/1/2021 3:08:02 PM

KEYED NOTES

1. REMOTE FIRE DEPARTMART CONNECTION.



NORTH

1 FIRST FLOOR PLAN - FIRE PROTECTION

1/4" = 1'-0"

0 2 4 8

SCALE : 1/4" = 1'-0"

JONESBORO MUNICIPAL AIRPORT

ARFF REPLACEMENT

LINDBURG DRIVE, JONESBORO, AR 72401

COOPER MIXON ARCHITECTS
505 union street, 2nd flr jonesboro, ar 72401
phone 870.336.0536 www.coopermixon.com

CONSTRUCTION DOCUMENTS

PROJECT NO.
2034

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ARFF REPLACEMENT

DATE
02-26-2021

CONTENTS
FIRST FLOOR PLAN - FIRE PROTECTION

STATE OF ARKANSAS REGISTERED PROFESSIONAL ENGINEER No. 19764 FALON A LEE
02-26-2021

INSIGHT ENGINEERING, PLLC CERTIFICATE OF AUTHORIZATION No. 3523 ARKANSAS

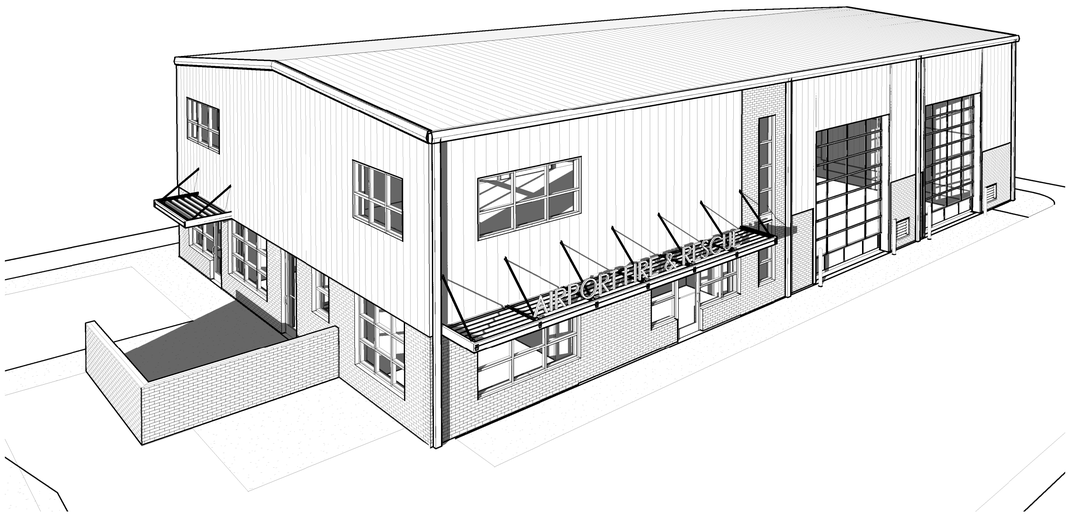
SHEET NUMBER
FP101

3/1/2021 3:12:34 PM

JONESBORO MUNICIPAL AIRPORT

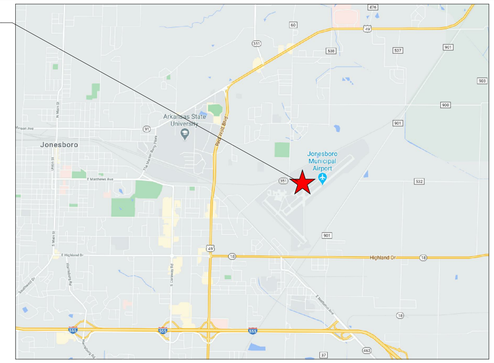
ARFF REPLACEMENT

LINDBERGH DRIVE
JONESBORO, AR 72401



CONSTRUCTION DOCUMENTS

JONESBORO
MUNICIPAL AIRPORT
LINDBERGH DRIVE
JONESBORO, AR 72401



VICINITY MAP
3" = 1'-0"

JONESBORO
MUNICIPAL AIRPORT

LOCATION MAP
3" = 1'-0"

INDEX OF DRAWINGS

#	SHEET NAME	CONSTRUCTION SET
GENERAL		
G-001	COVER SHEET	•
G-101	GENERAL NOTES	•
G-102	LIFE SAFETY PLAN	•
STRUCTURAL		
S-101	STRUCTURAL NOTES & FOUNDATION PLAN	•
S-102	MEZZANINE FRAMING PLAN & DETAILS	•
S-103	STRUCTURAL DETAILS	•
S-104	STRUCTURAL DETAILS	•
ARCHITECTURAL		
A-001	ARCHITECTURAL GENERAL NOTES ANNOTATION AND MATERIAL LEGEND	•
A-002	TYPICAL ADA DETAILS	•
AD110	DEMOLITION PLAN	•
AS101	ARCHITECTURAL SITE PLAN	•
A-110	FIRST FLOOR PLAN	•
A-111	MEZZANINE FLOOR PLAN	•
A-130	ROOF PLAN	•
AR110	REFLECTED CEILING PLAN	•
AR111	REFLECTED CEILING PLAN - MEZZANINE	•
A-201	EXTERIOR ELEVATIONS	•
A-202	EXTERIOR ELEVATIONS	•
A-301	BUILDING SECTIONS	•
A-311	WALL SECTIONS	•
A-401	ENLARGED PLANS / INTERIOR ELEVATIONS	•
A-402	ENLARGED PLANS / INTERIOR ELEVATIONS	•
A-403	STAIR SECTIONS / DETAILS	•
A-501	DETAILS	•
A-601	PARTITION TYPES	•
A-602	FINISHES	•
A-610	SCHEDULES/DETAILS	•
A-611	ALUMINUM FRAME DETAILS	•
A-612	DOOR DETAILS	•

INDEX OF DRAWINGS

#	SHEET NAME	CONSTRUCTION SET
FIRE PROTECTION		
FP001	FIRE PROTECTION GENERAL NOTES AND DETAILS	•
FP101	FIRST FLOOR PLAN - FIRE PROTECTION	•
MECHANICAL		
M001	MECHANICAL GENERAL NOTES AND LEGEND	•
M101	FIRST FLOOR PLAN - HVAC DUCTWORK	•
M102	MEZZANINE FLOOR PLAN - HVAC DUCTWORK	•
M201	MECHANICAL DETAILS	•
M301	MECHANICAL SCHEDULES	•
PLUMBING		
P001	PLUMBING GENERAL NOTES AND LEGEND	•
P101	FIRST FLOOR PLAN - SANITARY SEWER	•
P102	FIRST FLOOR PLAN - DOMESTIC WATER	•
P103	MEZZANINE FLOOR PLAN - SANITARY SEWER AND VENT	•
P104	MEZZANINE FLOOR PLAN - DOMESTIC WATER	•
P201	PLUMBING RISER DIAGRAMS	•
P202	PLUMBING RISER DIAGRAMS	•
P301	PLUMBING DETAILS	•
P401	PLUMBING SCHEDULES	•
ELECTRICAL		
E001	ELECTRICAL GENERAL NOTES AND LEGEND	•
E101	FIRST FLOOR PLAN - LIGHTING	•
E102	FIRST FLOOR PLAN - POWER AND SYSTEMS	•
E103	FIRST FLOOR PLAN - MECHANICAL POWER	•
E104	MEZZANINE FLOOR PLAN - LIGHTING	•
E105	MEZZANINE FLOOR PLAN - POWER AND SYSTEMS	•
E106	MEZZANINE FLOOR PLAN - MECHANICAL POWER	•
E201	ELECTRICAL DETAILS AND DIAGRAMS	•
E202	ELECTRICAL DETAILS AND DIAGRAMS	•
E301	ELECTRICAL SCHEDULES	•

3/9/2021 9:48:36 AM

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CONSTRUCTION DOCUMENTS

PROJECT NO.
2034

PROJECT NAME
ARFF REPLACEMENT

DATE
02-26-2021

CONTENTS
COVER SHEET

SHEET NUMBER
G-001

GENERAL NOTES (TYP. ALL SHEETS)

1. THE CONTRACT DOCUMENTS SHALL INCLUDE ALL DRAWINGS, SPECIFICATIONS, AND CONTRACT REQUIREMENTS FOR THE CONSTRUCTION OF THE PROPOSED ARFF AND RELATED WORK.

2. THE CONTRACT DOCUMENTS (DRAWINGS AND SPECIFICATIONS) SHALL ESTABLISH THE BASE LINE STANDARD FOR THE PROJECT. THE CONTRACTOR MAY SUBMIT SUBSTITUTIONS FOR CONSIDERATION BY THE OWNER AND THE ARCHITECT AS OUTLINED IN THE SPECIFICATIONS AND THE PROCUREMENT DOCUMENTS.

3. THE DRAWINGS INDICATE THE GENERAL SCOPE OF THE PROJECT IN TERMS OF AN ARCHITECTURAL DESIGN CONCEPT. THE DIMENSIONS OF THE BUILDING, THE MAJOR ARCHITECTURAL ELEMENTS, THE TYPE OF STRUCTURAL SYSTEM & THE MEP & FP SYSTEMS ARE BEING ISSUED AS SCOPE DOCUMENTS, THE DRAWINGS DO NOT NECESSARILY INDICATE OR DESCRIBE ALL OF THE WORK REQUIRED FOR FULL PERFORMANCE AND COMPLETION OF THE REQUIREMENTS OF THE CONTRACT DOCUMENTS, FOR THE GENERAL SCOPE INDICATED OR DESCRIBED, THE CONTRACTOR & APPLICABLE SUB-CONTRACTORS SHALL FURNISH ALL WORK ITEMS REQUIRED FOR THE PROPER EXECUTION AND COMPLETION OF THE WORK.

4. THE CONTRACTOR SHALL VISIT THE JOB SITE AND BE KNOWLEDGEABLE OF ALL CONDITIONS THEREOF. THE CONTRACTOR SHALL INVESTIGATE, VERIFY AND BE RESPONSIBLE FOR ALL CONDITIONS OF THE PROJECT AND NOTIFY THE ARCHITECT AND OWNER OF ANY CONDITIONS REQUIRING MODIFICATION BEFORE PROCEEDING WITH THE WORK.

5. ALL WORK SHALL COMPLY WITH FEDERAL, STATE AND LOCAL CODES OR ORDINANCES.

6. DO NOT SCALE DRAWINGS. WRITTEN DIMENSIONS HAVE PRECEDENCE.

7. THE CONTRACT DOCUMENTS ARE COMPLEMENTARY, WHAT IS REQUIRED OF ONE IS REQUIRED BY ALL. THERE IS NO PRECEDENCE BASED ON SCALE OR SPECIFICATIONS VERSUS DRAWINGS.THE CONTRACT DOCUMENTS ESTABLISH THE MINIMUM REQUIREMENTS; SUBSTITUTION REQUESTS SHALL BE SUBMITTED FOR ALL VARIANCES.

8. IF AT ANY TIME A CONFLICT OR ERROR IS FOUND WITHIN THESE DOCUMENTS PRIOR TO OR DURING CONSTRUCTION THAT MAY BE CRITICAL TO THE INTEGRITY OF THIS PROJECT, THE CONTRACTOR SHALL CONTACT THE ARCHITECT AND THE OWNER IMMEDIATELY TO RESOLVE THE ERROR PRIOR TO PROCEEDING WITH THE AFFECTED WORK.

9. THE COORDINATION OF ALL MATERIALS, LABOR AND THE SUB CONTRACTORS WORKMANSHIP IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

10. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING LOCAL BUILDING OFFICIALS AND INSPECTORS FOR PERMITS AND INSPECTIONS.

11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR BRACING ALL WORK DURING CONSTRUCTION AND IMPLEMENTATION OF ALL SAFETY PROCEDURES IN ACCORDANCE WITH APPLICABLE CODES.

12. ALL FIXTURES, EQUIPMENT AND MATERIALS SHALL BE INSTALLED PER THE MANUFACTURER'S SPECIFICATIONS, RECOMMENDATIONS AND SUGGESTED INSTRUCTIONS.

13. ALL WORK SHALL BE IN ACCORDANCE WITH THE QUALITY STANDARDS OF THE TRADE AND SHALL BE INSTALLED IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL CODES AND MANUFACTURERS RECOMMENDATIONS.

14. ITEMS NOTED AS "N.I.C" (NOT IN CONTRACT), "BY OWNER" OR "EXISTING" SHALL NOT BE INCLUDED IN THE CONTRACT. HOWEVER, PROVISIONS SHALL BE MADE BY RESPECTIVE SUB-CONTRACTOR TRADES TO ALLOW FOR THE INSTALLATION OF ITEMS NOTED. ALL FINISHES OF FLOORS, BASES, WAINSCOTS, WALLS AND CEILINGS BEHIND, UNDER AND/ OR OVER THESE ITEMS SHALL BE INCLUDED IN THE GENERAL CONTRACT UNLESS NOTED OTHERWISE (U.N.O.)

15. THE JOB SITE SHALL BE KEPT "BROOM CLEAN" AND FREE OF EXCESSIVE DEBRIS. ALL REFUSE CREATED IN THE EXECUTION OF THE CONTRACT FOR CONSTRUCTION IS THE RESPONSIBILITY OF THE CONTRACTOR . TRANSPORT TRASH, RUBBISH AND DEBRIS FROM THE SITE AND DISPOSE OF LEGALLY. THE MANNER OF THE REMOVAL SHALL BE CONFIRMED WITH AN OWNER'S REPRESENTATIVE AND SHALL MEET CITY, COUNTY AND STATE REGULATIONS.

16. DIMENSIONS ARE NOMINAL AND ARE TAKEN FROM FACE OF BLOCK WALL, CENTERLINE OF COLUMN AND FACE OF STUD U.N.O.

17. ALL UNIT MASONRY SHALL CONFORM TO ASTM C-90. MASONRY CONSTRUCTION SHALL COMPLY WITH THE SPECIFICATION FOR CONCRETE MASONRY STRUCTURES (ACI-530. 1-95/ ASCE 6-95/TMS 602-95) AND THE BUILDING CODE.

18. ALL MASONRY WALLS SHALL BE REINFORCED WITH HORIZONTAL JOINT REINFORCING AT 16 INCHES ON CENTER VERTICALLY. JOINT REINFORCING SHALL HAVE PERFORMED CORNERS AND "T" SECTIONS

19. MORTAR SHALL CONFORM TO ASTM C-270. TYPE S MORTAR AND TYPE M BELOW GRADE.

20. THE CONTRACTOR SHALL COORDINATE ALL LIGHTING LOCATIONS WITH THE DUCTWORK AND SPRINKLER LAYOUT. ANY VARIATIONS WITH LAYOUT OR CEILING HEIGHT SHALL BE REVIEWED WITH THE ARCHITECT PRIOR TO INSTALLATION.

21. THE CONTRACTOR SHALL PROVIDE A GENTLE SLOPE AT ALL NEW GRADE ENTRANCES AND EXITS; AVOID ABRUPT CHANGES IN ELEVATION AND COMPLY WITH SLOPED WALKWAY REQUIREMENTS, PER FBC & ADA.

22. THE NEW BUILDING SHALL BE FULLY SPRINKLED IN ACCORDANCE WITH NFPA 13. SUBMIT SIGNED AND SEALED - ENGINEERED SPRINKLER DRAWINGS TO THE AUTHORITY HAVING JURISDICTION PRIOR TO FABRICATION AND INSTALLATION.

23. IT IS THE OWNER'S AND / OR TENANT'S RESPONSIBILITY TO CHECK THE CONSTRUCTION DOCUMENTS AND VERIFY ANY AND ALL LOCATIONS, SIZE, QUANTITY, QUALITY AND SPECIFIC MATERIALS USED IN CONJUNCTION WITH THE OWNERS SPECIAL EQUIPMENT LAYOUT USE OR FUNCTION.

PARTITION NOTES (TYP. ALL SHEETS)

1. INSTALL GYPSUM WALLBOARD IN ACCORDANCE WITH THE CURRENT VERSION OF UNITED STATES GYPSUM-GYPSUM CONSTRUCTION HANDBOOK, ASTM C754 AND ASTM 840; THE MOST STRINGENT REQUIREMENTS PREVAIL.

2. ALL PARTITIONS SHALL BE INSTALLED PLUMB AND TAPED AND SANDED SMOOTH SO THERE ARE NO VISIBLE JOINTS. GYPSUM FINISH LEVEL 4 AT WALLS, LEVEL 4 AT CEILINGS ADD SOFFITS AND LEVEL 2 IN CONCEALED SPACES. USE LEVEL 5 FINISH WHEN WALL COVERINGS ARE SPECIFIED.

3. VERIFY PARTITION THICKNESS FOR INTERNAL INCLUSIONS. NOTIFY ARCHITECT OF ANY DISCREPANCIES BETWEEN SCHEDULED PARTITION THICKNESS AND INTERNAL INCLUSION.

4. PARTITIONS ARE DIMENSIONED NOMINALLY, UNLESS NOTIFIED OTHERWISE.

5. HEIGHTS ARE DIMENSIONED FROM THE TOP OF SLAB, UNLESS NOTED OTHERWISE. VERIFY CONDITION OF SLAB AND SLAB ELEVATION.

6. INSTALL WATER-RESISTANT GYPSUM BOARD IN AREAS SUBJECT TO MOISTURE. INSTALL CEMENT BOARD AT ALL TILED WALLS.

7. PROVIDE ALL METAL CORNER AND FINISH BEADS AND / OR TRIM FOR ALL EXPOSED EDGES AND CORNERS. SPACKLE, BLEND AND SAND SMOOTH INTO ADJACENT SURFACES.

8. PROVIDE EXPANSION JOINTS IN GYPSUM WALLBOARD (FIRE RATED, WHERE REQUIRED) AS RECOMMENDED BY GYPSUM WALLBOARD MANUFACTURER AND CENTERED ABOVE ALL DOORS.

9. IN-WALL BLOCKING SHALL BE INSTALLED IN STUD WALLS, BEHIND ALL ACCESSORIES INCLUDING BUT NOT LIMITED TO: FIRE EXTINGUISHER MOUNTING BRACKETS, SIGNAGE ETC. WOOD BLOCKING SHALL BE TREATED.

10. CONTROL JOINTS IN MASONRY WALLS SHALL BE A MAXIMUM OF 4 FEET FROM CORNERS AND 20 FEET ON CENTER.

11. PROVIDE A CONTINUOUS BEAD OF SEALANT WITH BACKER ROD AT THE PERIMETER OF ALL EXTERIOR DOOR AND WINDOW FRAMES WHERE THEY MEET WALLS.

12. THE CONTRACTOR SHALL COORDINATE AND VERIFY THE EXACT SIZE AND LOCATION OF ALL FLOOR, WALL AND CEILING PENETRATIONS / OPENINGS WITH EACH OF THE RESPECTIVE MECHANICAL, PLUMBING, ELECTRICAL AND FIRE PROTECTION DRAWINGS.

13. ALL PARTITION PENETRATIONS SUCH AS DUCTWORK, SHALL BE FIELD VERIFIED. PARTITIONS SHALL BE BRACED AND OPENINGS REINFORCED.

14. DOOR OPENINGS NOT DIMENSIONALLY LOCATED SHALL BE CENTERED BETWEEN WALLS OR LOCATED WITHIN 4" OF THE FINISH FACE OF AN ADJACENT WALL OR COLUMN AS SHOWN ON PLANS.

15. CAULK GAPS WHERE INTERSECTIONS OF ELEMENTS ARE NOT CRISP AND CONSISTENT.

16. ALL RATED PARTITIONS OR SMOKE BARRIERS SHALL EXTEND FROM FLOOR TO STRUCTURE ABOVE, UNLESS NOTED OTHERWISE., AND SEALED AIRTIGHT. USE U.L. LISTED HEAD OF WALL INSULATION OR UL APPROVED SEALANT. COMPLY WITH UL RATED ASSEMBLY REQUIREMENTS FOR ALL RATED WALLS.

17. ALL FIRE AND / OR SMOKE BARRIERS OR WALLS SHALL BE EFFECTIVELY AND PERMANENTLY IDENTIFIED WITH SIGNS OR STENCILING ABOVE ANY DECORATIVE CEILING AND IN CONCEALED SPACES WITH LETTERS A MINIMUM OF 2 INCHES HIGH ON A CONTRASTING BACKGROUND SPACED A MAXIMUM OF 12 FEET ON CENTER WITH A MINIMUM OF ONE PER WALL OR BARRIER. THE HOURLY RATING SHALL BE INCLUDED ON ALL RATED BARRIERS OR WALLS. SUGGESTED WORDING "(_) - HOUR RATED FIRE AND SMOKE BARRIER, PROTECT ALL OPENINGS". THIS SHOULD APPLY TO ALL RATED WALLS.

FINISH NOTES

1. VERIFY FINISH WITH OWNER'S REPRESENTATIVE & ARCHITECT PRIOR TO FINISH APPLICATION

2. SURFACES ARE TO BE FREE OF IMPERFECTIONS AND MARKINGS SUBJECT TO BLEED-THROUGH.

3. PAINT DIFFUSERS AND RETURN GRILLES AT CEILING TO MATCH ADJACENT CEILING FINISHES, UNLESS NOTED OTHERWISE. INTERIOR OF DUCT WORK VISIBLE FROM FINISHED SPACES SHALL BE PAINTED BLACK 12" FROM THE DIFFUSER.

4. INSTALL FLOORING PURSUANT TO MANUFACTURERS INSTRUCTIONS AND MOISTURE REQUIREMENTS, UNLESS NOTED OTHERWISE.

5. RESILIENT BASE IS COVED AT VINYL FLOORING AND STRAIGHT AT CARPET.

6. REF REFLECTED CEILING PLANS AND NOTES, FOR MORE INFORMATION.

7. CARPET OF THE SAME SPECIFICATION SHALL COME FROM THE SAME DYE LOT AND MEET THE CARPET AND RUG INSTITUTE MODEL SPECIFICATION AND INDUSTRY STANDARDS FOR SIDE-TO-SIDE MATCH. THE CONTRACTOR SHALL USE LOW OR NO VOC ADHESIVE AS RECOMMENDED BY THE MANUFACTURER.

8. REPAIR, REFINISH AND PREPARE, AS APPLICABLE, EXISTING SURFACES TO RECEIVE NEW MATERIALS. VERIFY COMPATIBILITY OF ADHESIVES & COATINGS WITH SUBSTRATES PRIOR TO APPLICATION.

FINISH NOTES (CONT.)

9. FINISH REQUIREMENTS SHALL BE DIRECTED BY OWNER AND AS FOLLOWS:

A. ALL FINISHES SHALL COMPLY WITH THE FOLLOWING MINIMUM REQUIREMENTS:

a. EXIT FINISHES, WALLS AND CEILINGS	CLASS B
b. EXIT FINISHES, FLOORS	CLASS II
c. ALL OTHER SPACES, WALLS AND CEILINGS	CLASS B
d. ALL OTHER SPACES, FLOORS	NO REQUIREMENTS

B. CLASS A INTERIOR WALL AND CEILING FINISH FLAME SPREAD 0-25, SMOKE DEVELOPED 0-450

C. CLASS B INTERIOR WALL AND CEILING FINISH FLAME SPREAD 26-75, SMOKE DEVELOPED 0-450

D. CLASS I INTERIOR FLOOR FINISH MINIMUM 0.45 WATTS PER SQ CM

E. CLASS II INTERIOR FLOOR FINISH MINIMUM 0.22. WATTS PER SQ CM

F. ALL STUCCO CONTROL JOINTS SHALL COMPLY WITH FBC AREA AND SPACING REQUIREMENTS AND SHALL NOT EXCEED 144 SF IN AREA ENCOMPASSED BY THE CONTROL JOINTS

REFLECTED CEILING NOTES

1. VERIFY FIELD CONDITIONS AND LOCATIONS OF ALL PLUMBING, MECHANICAL, STRUCTURAL, FIRE PROTECTION, ELECTRICAL, COMMUNICATION AND LIFE SAFETY AND ANY AND ALL OTHER APPLICABLE ITEMS. INSTALL PLUMBING, FIRE PROTECTION, MECHANICAL FANS, DUCTS, CONDUITS AND OTHER RELATED AND APPURTENANT ITEMS SO AS NOT TO CONFLICT WITH LUMINARIES AND ANY AND ALL FIELD CONDITIONS. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF PLENUM ELEMENTS. ARRANGE OR MODIFY NON-VISIBLE ITEMS TO FIT CONDITIONS OF THE REFLECTED CEILING PLAN LAYOUT.

2. CONTRACTOR SHALL PROVIDE FULLY COORDINATED DRAWINGS INDICATING ALL CEILING COMPONENTS, ACCESS PANELS & DEVICES (I.E. ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING & FIRE PROTECTION). EACH DISCIPLINE SHALL BE INDICATED SUCH THAT THEY ARE OVERLAID AND IDENTIFIABLE INDIVIDUALLY ON ONE DRAWING. ANY DISCREPANCIES NOTED SHALL BE BROUGHT TO THE ARCHITECT AND THE OWNER'S ATTENTION PRIOR TO INSTALLATION. ANY WORK INSTALLED REQUIRING CORRECTION NOT BROUGHT TO THE ARCHITECT'S ATTENTION AND WITHOUT SUCH NOTIFICATION SHALL BE CORRECTED BY THE CONTRACTOR WITH NO ADDITIONAL COST TO THE OWNER.

3. CONTRACTOR TO PROVIDE AND LOCATE ALL CEILING ACCESS PANELS IN GYPSUM, PLASTER AND CEMENT BOARD CEILINGS. CONTRACTOR SHALL PROVIDE THE ARCHITECT WITH LOCATIONS / COORDINATION DRAWINGS OF ALL REQUIRED ACCESS PANELS PRIOR TO THE INSTALLATION OF CEILING ELEMENTS, INCLUDING REQUIRED ACCESS PANELS; VALVES OR EQUIPMENT REQUIRING ACCESS PANELS ABOVE METAL SLAT OR DECORATIVE WOOD CEILINGS WILL NOT BE ACCEPTABLE. RATED ACCESS PANELS SHALL BE PROVIDED IN RATED ASSEMBLIES.

4. CEILING ACCESS PANELS SHALL BE PROVIDED IN NON-ACCESSIBLE CEILINGS BELOW THE FOLLOWING THE MECHANICAL AND PLUMBING DEVICES
A. VALVES
B. FLOW MEASURING DEVICES
C. MIXING BOXES
D. POWER OPERATED DAMPERS
E. ACCESS PANEL IN DUCTWORK
F. VOLUME AND BALANCING DEVICES
G. WATER FLOW SWITCHES
H. SPRINKLER SYSTEM DRAINS AND TEST CONNECTIONS
I. PRESSURE SWITCHES
J. OTHER DEVICES LOCATED ON DRAWINGS

1. MECHANICAL, ELECTRICAL, COMMUNICATION AND LIGHTING PLAN ELEMENTS ARE SHOWN FOR LOCATION PURPOSES ONLY. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR MORE INFORMATION.

2. INSTALL FULLY RECESSED FIXTURES ONLY, INCLUDING BUT NOT LIMITED TO DIFFUSERS, GRILLES, ETC. UNLESS NOTED OTHERWISE.

3. INSTALL UNDERWRITERS LABORATORIES (U.L.) LABELED DEVICES

4. INSTALL SPRINKLER HEADS WITH TRIM RINGS INSTALLED TIGHT TO FINISH CEILING.

SITE NOTES

1. PROVIDE SUBTERRANEAN TERMITE PREVENTION IN SOIL AREAS SCHEDULED TO RECEIVE NEW CONSTRUCTION. THE CONTRACTOR / INSTALLER SHALL SUBMIT A CERTIFICATE STATING THAT THE TREATMENT HAS BEEN APPLIED IN ACCORDANCE WITH THE APPLICABLE GOVERNING REGULATIONS FOR THE LOCATION OF THE PROJECT. RETREAT AREAS DISTURBED BY EXCAVATION AFTER INITIAL TREATMENT HAS BEEN IMPLEMENTED.

2. ADVISE UTILITY LOCATION COMPANY OF EXCAVATION ACTIVITIES (4)-FOUR WEEKS PRIOR TO EXCAVATION ACTIVITIES. LOCATE, IDENTIFY AND MARK UNDERGROUND UTILITIES PASSING THROUGH THE AREA OF CONSTRUCTION BEFORE COMMENCING WITH WORK.

3. REMOVE ANY MATERIAL NOT REQUIRED FOR USE ON THE PROJECT (INCLUDING UNSATISFACTORY SOILS, EXCESS SATISFACTORY SOILS, TRASH AND DEBRIS) AND LEGALLY DISPOSE OF IT OFF OF THE OWNERS PROPERTY.

4. BURNING SHALL NOT BE PERMITTED.

5. PROVIDE AN APPROVED CONSTRUCTION ENTRANCE AS REQUIRED BY THE AUTHORITY HAVING JURISDICTION.

6. IMPACT RESISTANT VAPOR BARRIER TO BE PROVIDED BELOW ALL SLAB-ON-GRADE FLOORS. COMPLY WITH MFR'S PATCHES, LAPS AND JOINT SEAL REQUIREMENTS.

ROOF NOTES

1. ALL FASTENERS AT METAL ROOF AREAS TO BE FULLY CONCEALED. ALL WOOD BLOCKING @ ROOF AND PARAPETS TO BE FIRE RETARDANT AND PRESSURE TREATED.

POWER SECURITY AND COMMUNICATION NOTES

1. INSTALL UNDERWRITERS LABORATORIES (U.L.) LABELED DEVICES

2. INSTALL SWITCHES 48 INCHES ABOVE THE FINISH FLOOR SLAB UNLESS NOTED OTHERWISE. HEIGHTS ARE DETERMINED FROM TOP OF FLOOR SLAB TO CENTERLINE OF COVER PLATE, MOUNTED VERTICALLY LENGTHWISE, U.N.O. GANG-SWITCH COVER PLATES SHALL BE ONE PIECE TYPE, QUANTITY OF SWITCHES AS APPLICABLE AND AS REQUIRED. DEVICES AND COVER PLATES TO BE LEVITON, WHITE.

3. RECEPTACLES MOUNTED AT COUNTER HEIGHT SHALL BE INSTALLED HORIZONTALLY ABOVE THE COUNTER OR WHERE A BACKSPLASH OCCURS, ABOVE THE BACKSPLASH OF THE COUNTER.

4. INSTALL WALL MOUNTED OUTLETS , POWER, COMMUNICATIONS, DATA, ETC. 18 INCHES ABOVE FLOOR SLAB TO CENTERLINE OF COVER PLATE MOUNTED VERTICALLY LENGTHWISE, UNLESS NOTED OTHERWISE (U.N.O.)

5. DO NOT MOUNT OUTLETS BACK TO BACK

6. VERIFY ALL EQUIPMENT MOUNTING REQUIREMENTS OF ALL ELECTRICAL, COMMUNICATIONS AND OTHER EQUIPMENT REQUIRING SPECIAL PLUG CONFIGURATIONS.

7. PROVIDE POWER AND OTHER FITTINGS FOR APPLIANCES AND OTHER DEVICES AS REQUIRED FOR PROPER OPERATION

8. VERIFY OR ACQUIRE EQUIPMENT SPECIFICATIONS FROM OWNER FOR PROPER FIT AND POWER REQUIREMENTS.

9. COORDINATE OWNER'S TELEPHONE, CABLING AND SECURITY INSTALLATIONS AS REQUIRED.

10. THE ELECTRICAL CONTRACTOR SHALL PROVIDE A COMPLETE ELECTRICAL, DATA AND COMMUNICATION SYSTEM INSTALLATION INCLUDING ALL WORK CUSTOMARILY INCLUDED IF NOT SPECIFICALLY CALLED OUT FOR.

11. ALL DOORS DESIGNATED AS SECURED, OR SHOWN TO HAVE "CR" (CARD READERS) SHALL BE FURNISHED AND INSTALLED WITH ELECTRICAL LOCKS/LATCHES. ALL WIRING SHALL BE CONCEALED WITHIN THE FRAME. POWER FOR TRANSFORMERS & LOCK CONTROLS SHALL BE PROVIDED AS REQUIRED FOR FULLY FUNCTION SYSTEM.

12. FURNISH AND INSTALL ELECTRIC LOCK PANIC RELEASE BUTTONS AT INTERIOR SIDE OF DOORS WITH ELECTRIC LOCKS @ EGRESS DOORS AND OCCUPANCY/MOTION SENSORS @ NON EGRESS DOORS.

13. FURNISH AND INSTALL DELAYED EGRESS HARDWARE AT ALL SIDA (APRON ACCESS) EGRESS DOORS.

14. THE CONTRACTOR SHALL COORDINATE WITH THE OWNER'S SECURITY CONTRACTOR FOR INSTALLATION AND WIRING CHASE WAYS, AND CONTROL INTERFACE FOR POWER OPERATED DOORS.

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ARCHITECT'S CERTIFICATION

I HEREBY CERTIFY THAT THESE PLANS AND SPECIFICATIONS HAVE BEEN PREPARED BY ME, OR UNDER MY SUPERVISION. I FURTHER CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THESE PLANS AND SPECIFICATIONS ARE AS REQUIRED BY LAW AND IN COMPLIANCE WITH THE ARKANSAS FIRE PREVENTION CODE FOR THE STATE OF ARKANSAS.

JOHN MIXON, ARCHITECT

JONESBORO MUNICIPAL AIRPORT

ARFF REPLACEMENT

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CONSTRUCTION DOCUMENTS

PROJECT NO.
2034

PROJECT NAME
ARFF REPLACEMENT

DATE
02-26-2021

CONTENTS
GENERAL NOTES

SHEET NUMBER
G-101

3/9/2021 9:48:36 AM

ROOM SCHEDULE - FIRST FLOOR

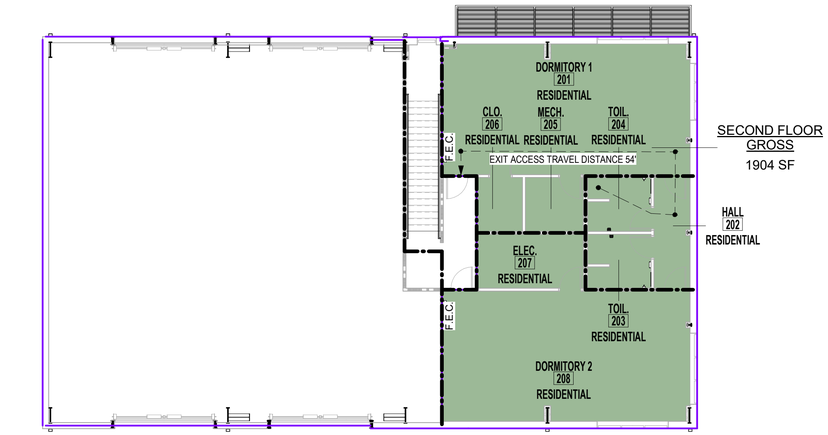
#	NAME	FUNCTION OF SPACE	AREA	OCC LOAD FACTOR	OCC LOAD
ASSEMBLY A-2					
107	LIVING ROOM	ASSEMBLY	461 SF	15 SF	30.8
105	KITCHEN	KITCHEN	113 SF	200 SF	0.6
			575 SF		31.3
BUSINESS B					
100	ENTRY	BUSINESS AREA	115 SF	100 SF	1.2
101	HALL	BUSINESS AREA	107 SF	100 SF	1.1
102	OFFICE	BUSINESS AREA	155 SF	100 SF	1.5
103	LAUNDRY	BUSINESS AREA	119 SF	100 SF	1.2
104	RADIO & COMM.	BUSINESS AREA	146 SF	100 SF	1.5
108	OFFICE	BUSINESS AREA	180 SF	100 SF	1.8
109	CLO.	BUSINESS AREA	29 SF	300 SF	0.1
111	TOILET	BUSINESS AREA	42 SF	100 SF	0.4
112	TOILET	BUSINESS AREA	49 SF	100 SF	0.5
106	CLO.	BUSINESS AREA	11 SF	100 SF	0.1
113	MECH.	PARKING GARAGE	83 SF	100 SF	0.8
			1035 SF		10.2
RESIDENTIAL R-1					
114	STAIR	RESIDENTIAL	94 SF	200 SF	0.5
			94 SF		0.5
STORAGE S-2					
110	SHOP	PARKING GARAGE	150 SF	200 SF	0.7
115	GARAGE	PARKING GARAGE	2747 SF	200 SF	13.7
			2897 SF		14.5
GRAND TOTALS			4601 SF		56.4

ROOM SCHEDULE - SECOND FLOOR

#	NAME	FUNCTION OF SPACE	AREA	OCC LOAD FACTOR	OCC LOAD
RESIDENTIAL R-3					
201	DORMITORY 1	RESIDENTIAL	634 SF	200 SF	3.2
206	CLO.	RESIDENTIAL	48 SF	200 SF	0.2
205	MECH.	RESIDENTIAL	62 SF	200 SF	0.3
202	HALL	RESIDENTIAL	79 SF	200 SF	0.4
204	TOIL.	RESIDENTIAL	67 SF	200 SF	0.3
203	TOIL.	RESIDENTIAL	67 SF	200 SF	0.3
207	ELEC.	RESIDENTIAL	113 SF	200 SF	0.6
208	DORMITORY 2	RESIDENTIAL	633 SF	200 SF	3.2
			1701 SF		8.5
GRAND TOTALS			1701 SF		8.5

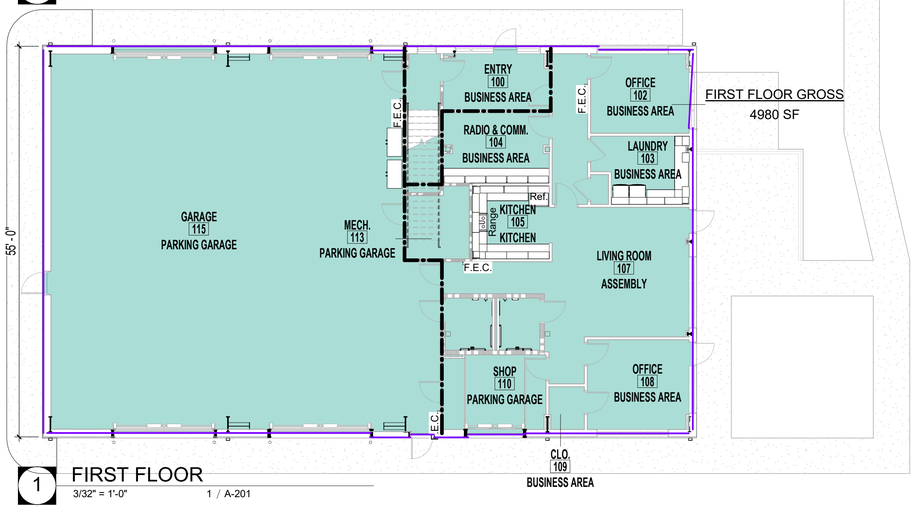
AREA SCHEDULE - GROSS SQUARE FOOTAGE

LEVEL	GROSS AREA
FIRST FLOOR	4980 SF
SECOND FLOOR	1904 SF
GRAND TOTAL	6884 SF



SECOND FLOOR GROSS
1904 SF

2 SECOND FLOOR
3/32" = 1'-0" 1 / A-201



FIRST FLOOR GROSS
4980 SF

1 FIRST FLOOR
3/32" = 1'-0" 1 / A-201

AUTHORITY HAVING JURISDICTION	
CITY OF JONESBORO ARKANSAS	
ADOPTED CODES	
2012 International Building Codes	2014 Arkansas Energy Code (2009 IECC w/ supplements & amendments)
2012 Existing Building Code	2010 AMC: Arkansas Mechanical Codes
2012 Arkansas Fire Prevention Code Vol. I: Fire	2006 APC: Arkansas Plumbing Codes
2012 Arkansas Fire Prevention Code Vol. II: Building	2006 AFAG: Arkansas Fuel and Gas Codes
2012 Arkansas Fire Prevention Code Vol. III: Residential	2003 ICC/ANSI A117.1: American National Standards(ADA requirements)
2017 NEC: National Electrical Codes	2010 ADA Standards for Accessibility

CODE STUDY

DESCRIPTION:
THE PROJECT CONSISTS OF THE NEW CONSTRUCTION OF THE ARFF FACILITY THAT WAS DESTROYED IN THE 2020 TORNADO.

BUILDING USE OR OCCUPANCY - MIXED-USE

303.4	ASSEMBLY GROUP A-2	LIVING ROOM AND KITCHEN
304	BUSINESS GROUP B	BUSINESS AREAS
310.5	RESIDENTIAL GROUP R-3	SLEEPING AREAS (TRANSIENT) WITH 10 OR FEWER OCCUPANTS
311.3	STORAGE GROUP S-2	LOW HAZARD ENCLOSED VEHICLE PARKING

SPECIAL DETAILED REQUIREMENTS BASED ON USE AND OCCUPANCY - R-3

420.2	SEPARATION WALLS	PARTITIONS IN ACCORDANCE WITH SECTION 708
420.3	HORIZONTAL SEPARATION	HORIZONTAL ASSEMBLIES IN ACCORDANCE WITH SECTION 711
420.4	AUTOMATIC SPRINKLER SYSTEM	AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH 903.2.8

GENERAL BUILDING HEIGHTS AND AREAS - MIXED-USE (NON-SEPARATED USES) - MOST RESTRICTIVE = A-3

TABLE 503	TABULAR ALLOWABLE AREA	9,500 SF (PER STORY)	PROPOSED AREA	5,062 GSF (FIRST FLOOR); 1,915 (SECOND FLOOR)
	TABULAR ALLOWABLE STORIES	2	PROPOSED STORIES	2
	TABULAR ALLOWABLE HEIGHT	55'	PROPOSED HEIGHT	26'

BUILDING CONSTRUCTION

602	CONSTRUCTION TYPE	II-B - SPRINKLED

FIRE RESISTANCE RATING REQUIREMENTS (HOURS)

TABLE 601	COMPONENT	RATING REQUIRED	RATING PROVIDED
	STRUCTURAL FRAME	0	0
	BEARING WALLS - EXTERIOR	0	0
	BEARING WALLS - INTERIOR	0	0
TABLE 602	NONBEARING WALLS & PARTITIONS - EXTERIOR	0	0
	NONBEARING WALLS & PARTITIONS - INTERIOR	0	0
	FLOOR CONSTRUCTION	0	0
	ROOF CONSTRUCTION	0	0

FIRE AND SMOKE PROTECTION FEATURES

707	FIRE BARRIER	WALLS SEPARATING INTERIOR EXIT STAIR FROM OTHER USES - 1HR (PER 1022.1)
708	FIRE PARTITION	WALLS SEPARATING DORMATORY AND EXERCISE ROOM FROM OTHER USES - 1/2HR (PER 420.2)
711	HORIZONTAL ASSEMBLY	SEPARATING INTERIOR STAIR FROM MECH - 1HR (PER 1022.1); SEPARATING DORMATORY AND EXERCISE ROOM FROM FIRST FLOOR - 1/2HR (PER 1022.1)
TABLE 716	OPENING FIRE PROTECTION ASSEMBLIES	1HR FIRE BARRIERS - 3/4HR RATED; 1/2HR FIRE PARTITIONS - 1/3HR RATED

FIRE PROTECTION SYSTEMS

903.3.1.1	NFPA 13 SPRINKLER SYSTEM	EQUIP THROUGHOUT
906	PORTABLE FIRE EXTINGUISHERS	REQUIRED PER IBC SECTION 906 AND IFC SECTION 906.1
907	FIRE ALARM AND DETECTION SYSTEM	REQUIRED
912	FIRE DEPARTMENT CONNECTION	REQUIRED

MEANS OF EGRESS (SEE ROOM SCHEDULE FOR OCCUPANT LOAD CALCULATIONS)

1005.3.1 &1009.4	INTERIOR EXIT STAIR - WIDTH	.2" PER OCCUPANT FOR STAIRWAYS (SPRINKLERED) - 36" MIN PER EXCEPTION #1		
1005.3.2 &1008.1.1	MEANS OF EGRESS DOORS - WIDTH	.15" PER OCCUPANT FOR OTHER COMPONENTS (SPRINKLERED) - 32" MIN		
SECOND FLOOR	TOTAL OCCUPANTS	20	MIN WIDTH - 36" MIN	WIDTH PROVIDED - 4'-2" EXITS REQUIRED - 1
TABLE 1021.2 (2)	STORIES WITH ONE EXIT	R-3 = 9 OCCUPANTS	A = 49 OCCUPANTS	EXIT ACCESS DISTANCE < 75'

ACCESSIBILITY

1104.4	MULTI-LEVEL BUILDINGS AND FACILITIES	EXCEPTION #1 - ACCESSIBLE ROUTE NOT REQ TO STORIES WITH AGGREGATE AREA OF LESS THAN 3000 SF
1109.4	KITCHENS AND KITCHENETTES	MUST BE ACCESSIBLE - SEE SECTION 804 OF ICC A117.1
1109.5	DRINKING FOUNTAINS	MUST PROVIDE TWO (ONE FOR WHEELCHAIR AND ONE FOR STANDING - COMBINATION UNIT ALLOWED)
1110	SIGNAGE	REQUIRED

TOTAL REQUIRED PLUMBING FIXTURES (BASED AS PER OCCUPANCY CLASSIFICATION ANALYSIS)

OCCUPANCY		WATER CLOSETS				LAVATORIES			DRINKING FOUNTAINS		SERVICE SINKS
USE	LOAD	RATIO	MEN	RATIO	WOMEN	RATIO	MEN	WOMEN	RATIO	FOUNTAINS	
A-2	31	1:75	0.413	1:75	0.413	1:200	0.16	0.16	1:500	0.06	
B	11	1:25	0.44	1:25	0.44	1:40	0.28	0.28	1:100	0.11	
S-2	15	1:100	0.15	1:100	0.15	1:100	0.15	0.15	1:1000	0.02	
DOWNSTAIRS REQ.			1.00		1.00		0.59	0.59		0.19	NOTE 3
DOWNSTAIRS PROPOSED			1		1		1	1		1	
R-3 (NOTE 1,2)	9		1		1	1:10	0.9	0.9	---	---	
UPSTAIRS REQ.			1		1		1	1		0	
UPSTAIRS PROPOSED			1		1		1	1		0	

NOTE:
1. WC AND ONE BATHTUB/SHOWER PER DORM ROOM (MEN AND WOMEN)
2. ONE KITCHEN SINK IS SHARED DWELLING UNITS AND A-2 OCCUPANCY. ONE AUTOMATIC CLOTHES WASHER SHARED BY DWELLING UNITS.
3. CODE REQUIRES ONLY ONE SERVICE SINK PER BUILDING IF ALL OCCUPANCIES HAVE ACCESS TO THE SERVICE SINK AT ALL TIMES.

SCHEDULE OF SPECIAL INSPECTIONS - PER CHAPTER 17 OF THE 2021 ARKANSAS FIRE PREVENTION CODE (SEE SPECIFICATION)

AFPC/IBC	ACTIVITY	DESCRIPTION	EXTENT	AGENT
1705.2	STEEL CONSTRUCTION	1. INSPECTION OF STEEL FRAME JOINT DETAILS FOR COMPLIANCE WITH APPROVED CONSTRUCTION DOCUMENTS.	PERIODIC	STRUCTURAL ENGINEER
		2. MATERIALS VERIFICATION OF COLD -FORMED STEEL DECK AND ATTACHMENTS.	PERIODIC	STRUCTURAL ENGINEER
1705.3	CONCRETE CONSTRUCTION	1. INSPECTION OF REINFORCING STEEL INSTALLATION	PERIODIC	STRUCTURAL ENGINEER
		2. INSPECTION OF ANCHORS CAST IN CONCRETE WHERE ALLOWABLE LOADS HAVE BEEN INCREASED OR WHERE STRENGTH DESIGN IS USED.	PERIODIC	STRUCTURAL ENGINEER
		3. INSPECTION OF ANCHORS POST - INSTALLED IN HARDENED CONCRETE	PERIODIC	STRUCTURAL ENGINEER
		4. VERIFY USE OF REQUIRED DESIGN MIX.	PERIODIC	STRUCTURAL ENGINEER
		5. AT THE TIME FRESH CONCRETE IS SAMPLED TO FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP TEST AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE.	CONTINUOUS	TESTING AGENCY
1705.6	SOILS	1. VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY.	PERIODIC	GEOTECHNICAL ENGINEER
		2. VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL.	PERIODIC	GEOTECHNICAL ENGINEER

JONESBORO MUNICIPAL AIRPORT

ARFF REPLACEMENT

LINDBERGH DRIVE, JONESBORO, AR 72401

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LL237
REGISTERED ARCHITECTS
STATE OF ARKANSAS
02-26-2021

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CONSTRUCTION DOCUMENTS

PROJECT NO.
2034

PROJECT NAME
ARFF REPLACEMENT

DATE
02-26-2021

CONTENTS
LIFE SAFETY PLAN

SHEET NUMBER
G-102

3/9/2021 9:48:40 AM

MECHANICAL GENERAL NOTES

1. ALL PIPING AND DUCTS IN FINISHED ROOMS OR SPACES SHALL BE CONCEALED IN A FURRED CHASE OR ABOVE A HARD SUSPENDED CEILING.
2. THE FIRST FIGURE OF DUCT SIZE INDICATES DIMENSION OF FACE SHOWN OR INDICATED. DUCT SIZED ARE NET INSIDE DIMENSIONS.
3. ACCESS PANELS IN HARD SUSPENDED CEILINGS ARE REQUIRED FOR ALL VALVES, TRAPS, DAMPERS, CLEANOUTS, CONTROLS, ETC. COORDINATE LOCATION OF PANELS WITH MECHANICAL INSTALLATION AND DEMONSTRATE ACCESS TO EQUIPMENT SERVED.
4. TOTAL STATIC PRESSURE NOTES IN THE SCHEDULES INCLUDED DUCT SYSTEM, TERMINAL UNITS, FILTERS, COILS, ETC. LOSS FOR FILTERS SHALL BE FOR FILTERS AT 50% LOADING.
5. ALL DUCT AND PIPE ROUTING AND CONSTRUCTION SHOWN ON THE DRAWINGS IS DIAGRAMMATIC IN NATURE AND MAY NOT BE SHOWN IN EXACT LOCATIONS OR WITH ALL ANCILLARY ITEMS REQUIRED FOR A COMPLETE AND OPERATING SYSTEM. CONTRACTOR SHALL COORDINATE ROUTING OF ALL DUCTWORK AND PIPING PER TYPICAL CONSTRUCTION PRACTICE IN THE MOST EFFICIENT WAY POSSIBLE WHILE ADHERING AS CLOSELY TO THE DRAWINGS AS POSSIBLE.
6. CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL INSTALLATION WITH THE WORK OF OTHER TRADES. FIELD MODIFICATIONS SUCH AS OFFSETS IN PIPING OR DUCTWORK NEEDED DUE TO OBSTRUCTIONS OR INTERFERENCES SHALL BE PROVIDED AT NO ADDITIONAL COST.
7. ALL WORK SHALL BE PERFORMED IN A NEAT AND WORKMANLIKE MANNER WITHIN STANDARD OF CARE FOR PROFESSION. ALL LABOR, MATERIAL, TOOLS, PERMITS, INSPECTIONS, TESTING, CERTIFICATION, ETC. REQUIRED FOR A COMPLETE AND SATISFACTORY INSTALLATION TO DESIGN INTENT SHALL BE FURNISHED BY CONTRACTOR. PROVIDE, AT NO ADDITIONAL COST, INCLUDING INCIDENTAL ITEMS NOT SHOWN WHEN REQUIRED FOR TYPICAL COMPLETION OF WORK.
8. DRAWINGS NOT BEARING THE STAMP OR SEAL AND SIGNATURE OF A REGISTERED PROFESSIONAL ENGINEER SHALL NOT BE USED FOR BIDDING OR CONSTRUCTION PURPOSES UNLESS EXPRESSLY APPROVED IN WRITING BY THE ARCHITECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ALL DRAWINGS AND SPECIFICATIONS BEING USED FOR BIDDING AND CONSTRUCTION PURPOSES ARE OF THE LATEST REVISION AVAILABLE AND ALL ADDENDUM DOCUMENTS HAVE BEEN INCORPORATED EITHER BY REVISION RELEASE OF DRAWINGS/SPECIFICATIONS OR ATTACHMENT OF SKETCHES OR OTHER ADDENDUM INFORMATION.
9. THE MECHANICAL CONTRACTOR SHALL FURNISH AND INSTALL NEW PRODUCTS OF ESTABLISHED AND REPUTABLE MANUFACTURERS. NO EQUIPMENT SUBSTITUTIONS SHALL BE MADE THAT WOULD LEAVE INADEQUATE OPERATING OR SERVICE SPACE. EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDED INSTALLATION PROCEDURES AND IN AN ARRANGEMENT THAT WILL GIVE THE GREATEST PRACTICAL EASE OF OPERATION AND SERVICE TO THE OWNER.
10. ALL EQUIPMENT WHICH IS INDICATED TO BE FURNISHED AND/OR INSTALLED BY OTHERS OR BY OWNER IS INCLUDED FOR REFERENCE ONLY UNLESS NOTED OTHERWISE. DESIGN OF MECHANICAL SYSTEMS IN THESE AREAS IS BASED ON INFORMATION AVAILABLE AT THE TIME OF DESIGN. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING AND VERIFYING INSTALLATION REQUIREMENTS OF THIS EQUIPMENT WITH THE APPLICABLE SUPPLIER OR THE OWNER. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
11. IT IS THE RESPONSIBILITY OF THE MECHANICAL CONTRACTOR TO PAY FOR ALL NECESSARY PERMITS AND APPROVALS FOR THIS INSTALLATION.
12. ACCESS PANELS IN DUCTWORK AND CEILINGS SHALL BE PROVIDED WHERE REQUIRED FOR OPERATION, BALANCING OR MAINTENANCE OF ALL MECHANICAL EQUIPMENT. ACCESS PANELS SHALL BE CONVENIENTLY LOCATED WITH REFERENCE TO THE FINISHED BUILDING. COORDINATE LOCATION OF ACCESS PANELS WITH ARCHITECT.
13. DUCT CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE SMACNA HVAC DUCT CONSTRUCTION STANDARD CLASS A.
14. COORDINATE DIFFUSER, GRILLE AND REGISTER LOCATIONS WITH ARCHITECTURAL REFLECTED CEILING PLANS AND EQUIPMENT OF ALL TRADES.
15. VERIFY FINISH WITH ARCHITECT PRIOR TO PURCHASING GRILLES, REGISTERS, DIFFUSERS, LOUVERS AND OTHER AIR DISTRIBUTION DEVICES.
16. LOCATE THERMOSTATS AT 48" ABOVE FINISHED FLOOR UNLESS NOTED OTHERWISE. COORDINATE LOCATIONS WITH OTHER EQUIPMENT, FURNITURE, AND DOOR SWINGS.
17. ALL EQUIPMENT, DUCTWORK, ETC., SHALL BE SUPPORTED AS DETAILED AND/OR SPECIFIED. PROVIDE ADDITIONAL SUPPORTS AS REQUIRED TO PROVIDE A VIBRATION-FREE, RIGID INSTALLATION.
18. DUCTWORK DIMENSIONS SHOWN ON DRAWINGS ARE INSIDE CLEAR DIMENSIONS. DIMENSIONS MAY BE CHANGED SO LONG AS THE NET FREE FACE AREA IS MAINTAINED.
19. DAMPERS AND INSIDES OF DUCTS VISIBLE THROUGH GRILLES, REGISTERS AND DIFFUSERS SHALL BE PAINTED FLAT BLACK.
20. PROVIDE AND INSTALL SMOOTH TURN RADIUS ELBOWS IN ALL RECTANGULAR 90° ELBOWS AND TEES, UNLESS NOTED OTHERWISE.
21. EXHAUST DUCTS SHALL TERMINATE IN ACCORDANCE WITH ASHRAE 170-2013 AND BE EQUIPPED WITH A BACKDRAFT DAMPER.
22. CONTRACTOR SHALL PROVIDE ALL AIR TEMPERATURE CONTROLS INCLUDING WIRING, THERMOSTATS AND ALL MISCELLANEOUS APPURTENANCES TO MEET THE INTENT OF THESE DOCUMENTS.
23. PENETRATIONS OF WALLS OR FLOORS FOR THE PASSAGE OF PIPING, DUCTWORK, OR OTHER EQUIPMENT SHALL BE PROPERLY SEALED AFTER INSTALLATION OF ITEMS AND EQUIPMENT.
24. PIPING, DUCTWORK, LEAK PROTECTION APPARATUS, OR OTHER EQUIPMENT FOREIGN TO ELECTRICAL SWITCHBOARDS, PANELBOARDS, DISTRIBUTION BOARDS, OR MOTOR CONTROL CENTERS SHALL NOT BE INSTALLED WITHIN THE REQUIRED SPACE FOR WORKING CLEARANCES OR DEDICATED SPACES OF THE ELECTRICAL EQUIPMENT, EXTENDING IN FRONT OF AND FROM FLOOR TO STRUCTURAL CEILING WITH A WIDTH AND DEPTH OF THE ELECTRICAL EQUIPMENT IN ACCORDANCE WITH NEC-110.26.

LEGEND

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	NEW EQUIPMENT		BALL VALVE
	NEW DUCT/PIPING	D	CONDENSATE DRAIN
	THERMOSTAT WIRE	RS/RL	REFRIGERANT SUCTION AND LIQUID
T	THERMOSTAT		CONCENTRIC REDUCER
H	HUMIDISTAT		ECCENTRIC REDUCER
	POINT OF CONNECTION TO EXISTING		RECT. AND/OR ROUND DUCT 90° 1X RADIUS ELBOW
	POINT OF DEMOLITION		RECT. AND/OR ROUND DUCT 90° 1.5X RADIUS ELBOW
1	REVISION DELTA		RECT. AND/OR ROUND DUCT 45° 1X RADIUS ELBOW
	MANUAL VOLUME DAMPER		RECT. ELBOW (WITH TURNING VANES)
	STREAMLINE CONNECTION (RECT. TO ROUND)		RECT. ELBOW (WITHOUT TURNING VANES)
	STREAMLINE CONNECTION (RECT. TO RECT.)		SINGLE LINE CONTINUATION
	STREAMLINE CONNECTION WITH MANUAL VOLUME DAMPER (RECT. TO ROUND)		AIR FLOW ARROW
	FLEXIBLE DUCT		FLOW ARROW
RISE	DUCT ELEVATION CHANGE (RISE)	AP	ACCESS PANEL
FALL	DUCT ELEVATION CHANGE (FALL)		OR OVAL DUCT
	SIDE WALL GRILLE	SA	SUPPLY AIR DUCT
[X]####	GRILLE DESIGNATION (GRILLE SCHEDULE DESIGNATION / CFM AIRFLOW)	RA	RETURN AIR DUCT
	SUPPLY DIFFUSER	EA	EXHAUST AIR DUCT
	RETURN GRILLE	CFM	CUBIC FEET PER MINUTE
	EXHAUST GRILLE	Ø	ROUND DIAMETER
	SUPPLY RECTANGULAR DUCT UP		
	RETURN RECTANGULAR DUCT UP		
	EXHAUST RECTANGULAR DUCT UP		
	SUPPLY RECTANGULAR DUCT DOWN		
	RETURN RECTANGULAR DUCT DOWN		
	EXHAUST RECTANGULAR DUCT DOWN		
	ROUND DUCT UP		
	ROUND DUCT DOWN		

JONESBORO MUNICIPAL AIRPORT

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CONSTRUCTION DOCUMENTS

PROJECT NO.
2034

PROJECT NAME
ARFF REPLACEMENT

DATE
02-26-2021

CONTENTS
MECHANICAL GENERAL NOTES AND LEGEND

SHEET NUMBER
M001

STATE OF ARKANSAS REGISTERED ENGINEER NO. 19764 FILLON A LEE 02-26-2021

CERTIFICATE OF AUTHORIZATION INSIGHT ENGINEERING, PLLC No. 3523 ARKANSAS

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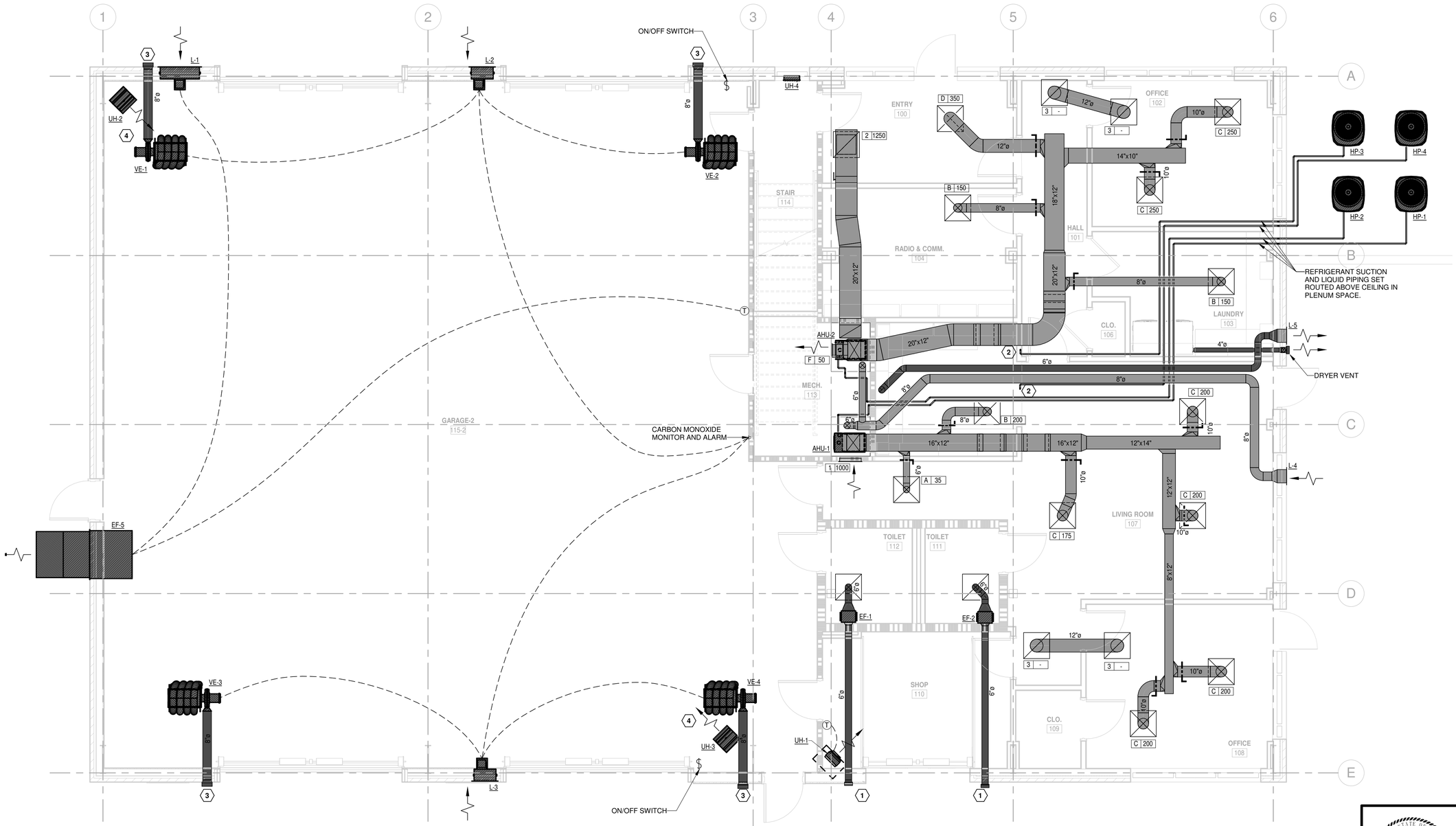
KEYED NOTES

1. PROVIDE WALL EXHAUST CAP WITH BIRDSCREEN AND BACKDRAFT DAMPER COMPATIBLE WITH PROVIDED FAN.
2. SUCTION AND LIQUID PIPING UP TO MEZZANINE LEVEL ABOVE.
3. PROVIDE 8" WALL CAP. PROVIDE WITH BIRDSCREEN AND BACKDRAFT DAMPER.
4. UNIT HEATER SHALL BE MOUNTED BELOW VEHICLE EXHAUST HOSE REEL ASSEMPLY.

GENERAL NOTES

1. REFRIGERANT PIPING SHALL BE SIZED PER MANUFACTURER'S RECOMMENDATION.
2. SLEEVE AND SEAL ALL PIPE PENETRATIONS THROUGH WALL AND FLOORS.



NORTH

1 FIRST FLOOR PLAN - HVAC DUCTWORK

1/4" = 1'-0"

SCALE : 1/4" = 1'-0"

0 2 4 8

STATE OF ARKANSAS REGISTERED PROFESSIONAL ENGINEER NO. 19764 FALLON A LEE 02-26-2021

INSIGHT ENGINEERING, PLLC CERTIFICATE OF AUTHORIZATION No. 3523 ARKANSAS

JONESBORO MUNICIPAL AIRPORT
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CONSTRUCTION DOCUMENTS

PROJECT NO.
2034

PROJECT NAME
ARFF REPLACEMENT

DATE
02-26-2021

CONTENTS
FIRST FLOOR PLAN - HVAC DUCTWORK

SHEET NUMBER
M101

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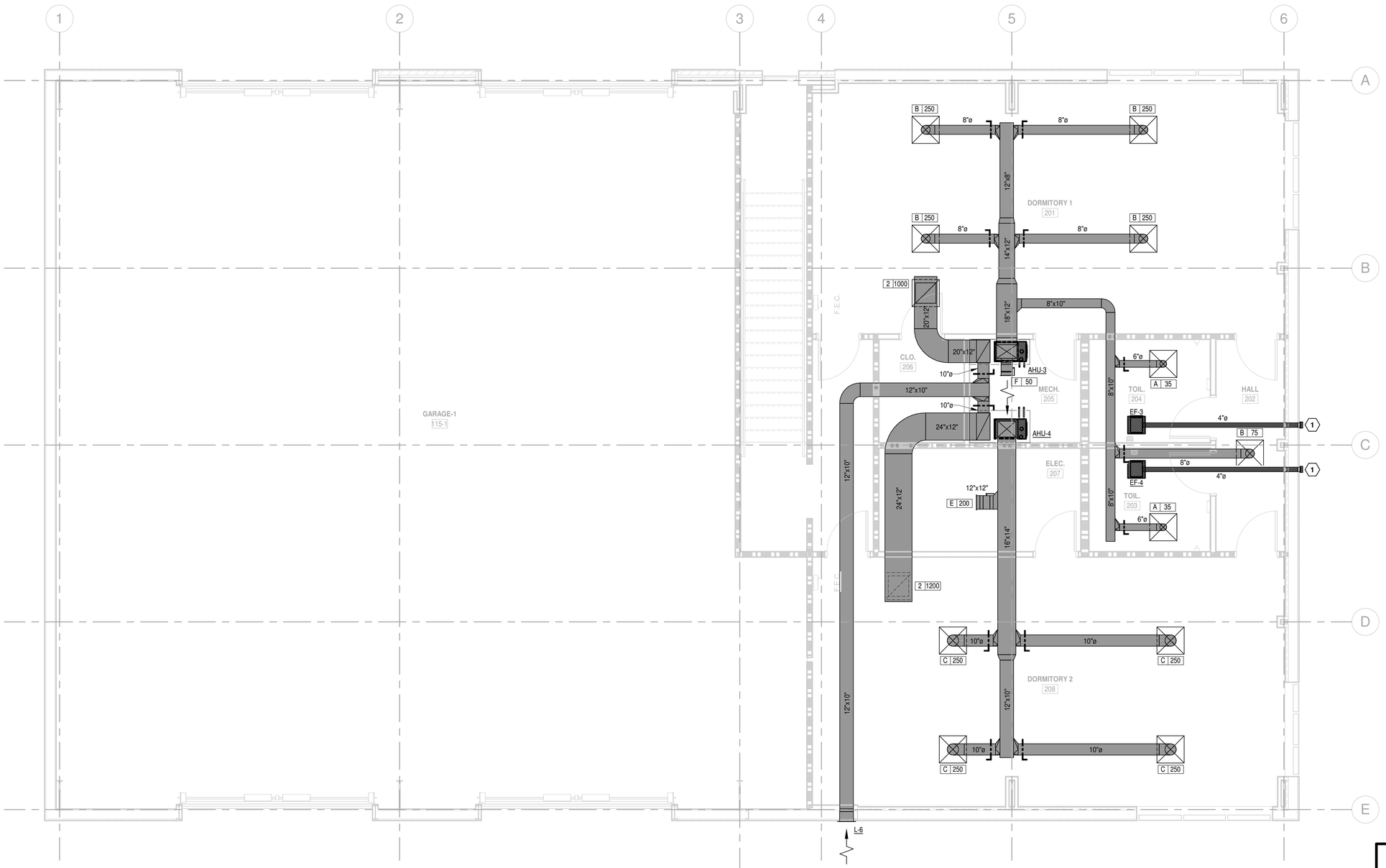
KEYED NOTES

1. PROVIDE WALL EXHAUST CAP WITH BIRDSCREEN AND BACKDRAFT DAMPER COMPATIBLE WITH PROVIDED FAN.
2. SUCTION AND LIQUID PIPING ROUTED DOWN TO PLENUM SPACE BELOW.



NORTH

1 MEZZANINE PLAN - HVAC DUCTWORK
1/4" = 1'-0"

0 2 4 8
SCALE : 1/4" = 1'-0"

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JONESBORO MUNICIPAL AIRPORT
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CONSTRUCTION DOCUMENTS

PROJECT NO.
2034

PROJECT NAME
ARFF REPLACEMENT

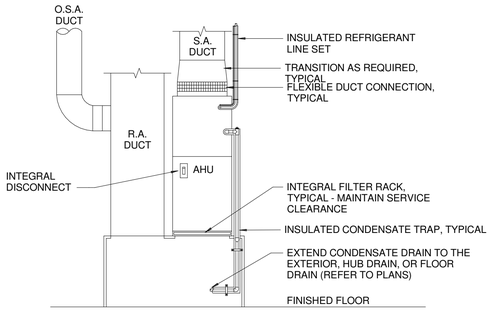
DATE
02-26-2021

CONTENTS
MEZZANINE FLOOR PLAN - HVAC DUCTWORK

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
NO. 13764
FALON A LEE
02-26-2021

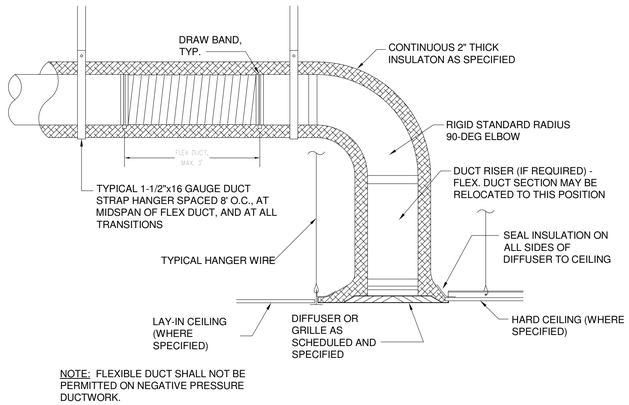
CERTIFICATE OF AUTHORIZATION
INSIGHT ENGINEERING, PLLC
No. 3523
ARKANSAS

SHEET NUMBER
M102



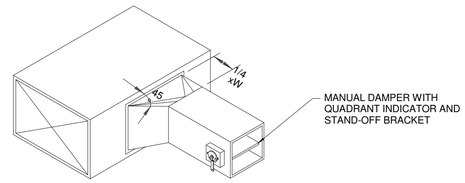
NOTES:
1. THE PLENUM/PLATFORM SHALL BE 30" HIGH. WHERE SPACE CONSTRAINTS REQUIRE THE PLENUM/PLATFORM TO BE LESS THAN 30" HIGH, IT SHALL BE AS TALL AS POSSIBLE, BUT IN NO CASE LESS THAN 24" HIGH.
2. THE AIR HANDLING UNIT PLENUM/PLATFORM SHALL BE CONSTRUCTED OF 20 GAUGE GALVANIZED SHEET METAL OVER ANGLE-IRON OR COLD-ROLLED STEEL FRAMING. ALL EXPOSED SHEET METAL EDGES SHALL BE NEATLY HEMMED.
3. REFER TO THE PLANS FOR DETAILS OF THE O.A. CONNECTIONS TO THE RETURN AIR SYSTEM.
4. ALL MATERIALS EXPOSED TO THE AIR STREAM SHALL BE NONCOMBUSTIBLE AND 25/50 RATED PER ASTM E84.

1 HEAT PUMP DETAIL
NOT TO SCALE:

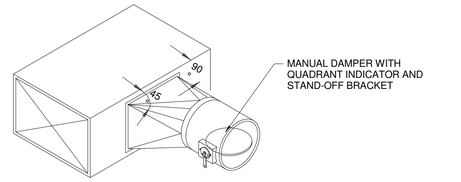


NOTE: FLEXIBLE DUCT SHALL NOT BE PERMITTED ON NEGATIVE PRESSURE DUCTWORK.

2 AIR DEVICE INSTALLATION DETAIL
NOT TO SCALE:



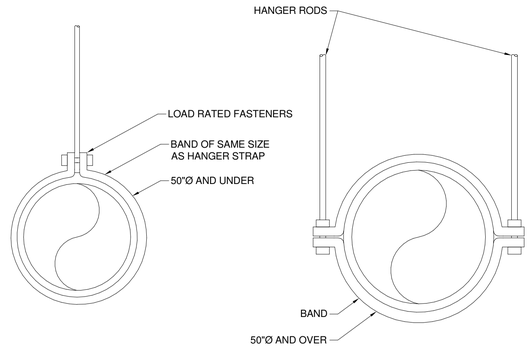
RECTANGULAR TO RECTANGULAR



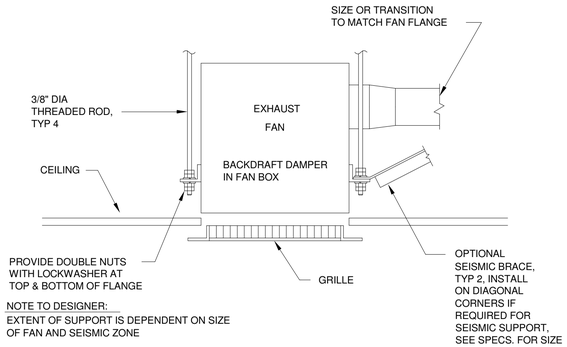
RECTANGULAR TO ROUND

3 DUCT TAKE-OFF DETAIL
NOT TO SCALE:

HANGER STRAPS OR RODS SCHEDULE			
MAX. DUCT Ø INCHES	QUANTITY / SIZE	MAX. LOAD LBS.	MAX. SPACING INCHES
26 IN	ONE 1 X 22 GAUGE STRAP	260	144
36 IN	ONE 1 X 18 GAUGE STRAP	420	144
50 IN	ONE 1 X 16 GAUGE STRAP	700	144
60 IN	TWO 3/8"Ø RODS	1320	144
84 IN	TWO 1/2"Ø RODS	2500	144

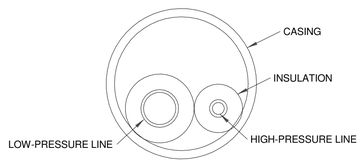


4 ROUND DUCT HANGER DETAIL
NOT TO SCALE:



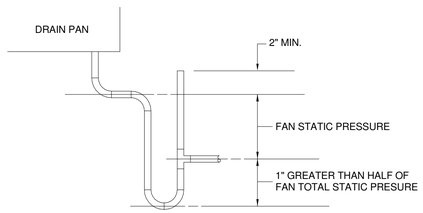
NOTE TO DESIGNER:
EXTENT OF SUPPORT IS DEPENDENT ON SIZE OF FAN AND SEISMIC ZONE

5 CEILING EXHAUST FAN DETAIL
NOT TO SCALE:



NOTES:
1. REFRIGERANT LINES MUST BE INSULATED SEPARATELY.
2. INSULATION SHALL BE A MINIMUM OF 1/2" THICK.
3. INSTALL CASING AS ONE CONTINUOUS PIECE.
4. CASING SHALL BE WATERTIGHT. IF ANY MOISTURE ENTERS THE CASING, SYSTEM PERFORMANCE WILL BE REDUCED, AND EQUIPMENT FAILURE MAY OCCUR.

6 REFRIGERANT PIPING DETAIL
NOT TO SCALE:



7 CONDENSATE DRAIN TRAP DETAIL
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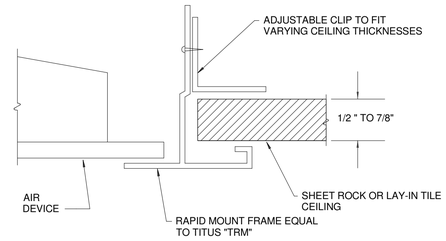
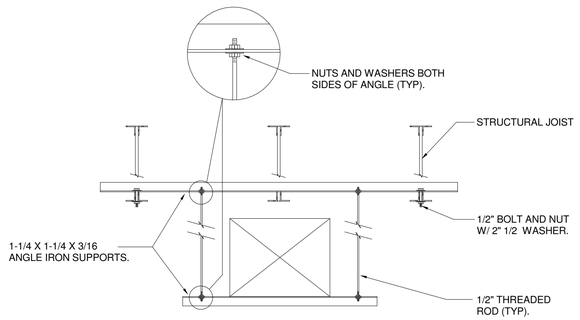


NOTES: WHEN USED IN LAY-IN CEILNGS, CENTER TRIM FRAME IN CEILING TILE AND SUPPORT AIR DEVICE FROM STRUCTURE WITH WIRE.

8 TRIM DETAIL
NOT TO SCALE:



9 DUCT HANGER DETAIL
NOT TO SCALE:

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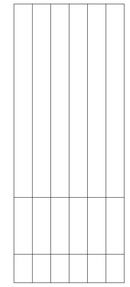
JONESBORO MUNICIPAL AIRPORT
ARFF REPLACEMENT
LINDBURG DRIVE, JONESBORO, AR 72401



COOPER MIXON ARCHITECTS
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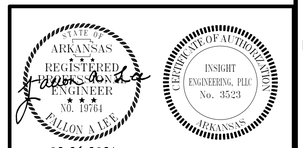
CONSTRUCTION DOCUMENTS

PROJECT NO.
2034

PROJECT NAME
ARFF REPLACEMENT

DATE
02-26-2021

CONTENTS
MECHANICAL DETAILS



SHEET NUMBER
M201

HEAT PUMP CONDENSING UNITS

DESIGNATION	REFERENCE PRODUCT	COOLING: REFRIGERANT TYPE	COOLING: TOTAL CAPACITY (MBH)	COOLING: SENSIBLE CAPACITY (MBH)	COOLING: AIR EDB / EWB (DEGREE F)	COOLING: AIR LDB / LWB (DEGREE F)	COOLING: AMBIENT AIR TEMPERTURE (DEGREE F)	COOLING: MINIMUM SEER	HEATING: SENSIBLE CAPACITY (MBH)	HEATING: AMBIENT AIR TEMPERATURE (DEGREE F)	HEATING: MINIMUM COP	ELECTRICAL: VOLTS	ELECTRICAL: PHASE	ELECTRICAL: COMPRESSOR LOAD AMPS	ELECTRICAL: FAN MOTOR (HP)	ELECTRICAL: MINIMUM CIRCUIT AMPS	REMARKS
HP-1	TRANE: 4TWR4036G1	R-410A	34.3	21.7	78.0 / 67.0	58.7 / 56.3	95	14	22.2	17	2.3	208	1	14.1	0.2	19	PROVIDE HAIL GUARDS ON CONDENSING UNIT. INSTALL PER MANUFACTURER'S INSTRUCTIONS.
HP-2	TRANE: 4TWR4036G2	R-410A	34.3	21.7	78.0 / 67.1	58.7 / 56.4	95	14	22.2	17	2.3	208	1	14.1	0.2	19	PROVIDE HAIL GUARDS ON CONDENSING UNIT. INSTALL PER MANUFACTURER'S INSTRUCTIONS.
HP-3	TRANE: 4TWR4036G3	R-410A	34.3	21.7	78.0 / 67.2	58.7 / 56.5	95	14	22.2	17	2.3	208	1	14.1	0.2	19	PROVIDE HAIL GUARDS ON CONDENSING UNIT. INSTALL PER MANUFACTURER'S INSTRUCTIONS.
HP-4	TRANE: 4TWR4036G4	R-410A	34.3	21.7	78.0 / 67.3	58.7 / 56.6	95	14	22.2	17	2.3	208	1	14.1	0.2	19	PROVIDE HAIL GUARDS ON CONDENSING UNIT. INSTALL PER MANUFACTURER'S INSTRUCTIONS.

HEAT PUMP CONDENSING UNITS

DESIGNATION	REFERENCE PRODUCT	COOLING: REFRIGERANT TYPE	COOLING: TOTAL CAPACITY (MBH)	COOLING: SENSIBLE CAPACITY (MBH)	COOLING: AIR EDB / EWB (DEGREE F)	COOLING: AIR LDB / LWB (DEGREE F)	COOLING: AMBIENT AIR TEMPERTURE (DEGREE F)	COOLING: MINIMUM SEER	HEATING: SENSIBLE CAPACITY (MBH)	HEATING: AMBIENT AIR TEMPERATURE (DEGREE F)	HEATING: MINIMUM COP	ELECTRICAL: VOLTS	ELECTRICAL: PHASE	ELECTRICAL: COMPRESSOR LOAD AMPS	ELECTRICAL: FAN MOTOR (HP)	ELECTRICAL: MINIMUM CIRCUIT AMPS	REMARKS
HP-1	TRANE: 4TWR4036G1	R-410A	34.3	21.7	78.0 / 67.0	58.7 / 56.3	95	14	22.2	17	2.3	208	1	14.1	0.2	19	PROVIDE HAIL GUARDS ON CONDENSING UNIT. INSTALL PER MANUFACTURER'S INSTRUCTIONS.
HP-2	TRANE: 4TWR4036G2	R-410A	34.3	21.7	78.0 / 67.1	58.7 / 56.4	95	14	22.2	17	2.3	208	1	14.1	0.2	19	PROVIDE HAIL GUARDS ON CONDENSING UNIT. INSTALL PER MANUFACTURER'S INSTRUCTIONS.
HP-3	TRANE: 4TWR4036G3	R-410A	34.3	21.7	78.0 / 67.2	58.7 / 56.5	95	14	22.2	17	2.3	208	1	14.1	0.2	19	PROVIDE HAIL GUARDS ON CONDENSING UNIT. INSTALL PER MANUFACTURER'S INSTRUCTIONS.
HP-4	TRANE: 4TWR4036G4	R-410A	34.3	21.7	78.0 / 67.3	58.7 / 56.6	95	14	22.2	17	2.3	208	1	14.1	0.2	19	PROVIDE HAIL GUARDS ON CONDENSING UNIT. INSTALL PER MANUFACTURER'S INSTRUCTIONS.

VEHICLE EXHAUST SYSTEM

DESIGNATION	REFERENCE PRODUCT	TYPE	SERVES	AIR FLOW RATE (CFM)	HOSE DIAMETER	DRIVE	WEIGHT (LBS)	ELECTRICAL: MHP	ELECTRICAL: VOLTS	ELECTRICAL: PHASE	REMARKS
VE-1	MONOXIVENT: 9000-W	SPRING HOSE REEL W/ MOUNTED FAN	GARAGE	600	6"	DIRECT	75	1.5	120	1	PROVIDE SERIES 4000 HOSE WITH SPRING HOSE REEL, STAINLESS STEEL 6" CONE ADAPTOR, VISE GRIP, D SERIES BLOWER W/ FLANGES, SWITCH FOR ON/OFF, PULL DOWN ROPE HANDLE, WORM GEAR CLAMP. INSTALL PER MANUFACTURER'S
VE-2	MONOXIVENT: 9000-W	SPRING HOSE REEL W/ MOUNTED FAN	GARAGE	600	6"	DIRECT	75	1.5	120	1	PROVIDE SERIES 4000 HOSE WITH SPRING HOSE REEL, STAINLESS STEEL 6" CONE ADAPTOR, VISE GRIP, D SERIES BLOWER W/ FLANGES, SWITCH FOR ON/OFF, PULL DOWN ROPE HANDLE, WORM GEAR CLAMP. INSTALL PER MANUFACTURER'S
VE-3	MONOXIVENT: 9000-W	SPRING HOSE REEL W/ MOUNTED FAN	GARAGE	600	6"	DIRECT	75	1.5	120	1	PROVIDE SERIES 4000 HOSE WITH SPRING HOSE REEL, STAINLESS STEEL 6" CONE ADAPTOR, VISE GRIP, D SERIES BLOWER W/ FLANGES, SWITCH FOR ON/OFF, PULL DOWN ROPE HANDLE, WORM GEAR CLAMP. INSTALL PER MANUFACTURER'S
VE-4	MONOXIVENT: 9000-W	SPRING HOSE REEL W/ MOUNTED FAN	GARAGE	600	6"	DIRECT	75	1.5	120	1	PROVIDE SERIES 4000 HOSE WITH SPRING HOSE REEL, STAINLESS STEEL 6" CONE ADAPTOR, VISE GRIP, D SERIES BLOWER W/ FLANGES, SWITCH FOR ON/OFF, PULL DOWN ROPE HANDLE, WORM GEAR CLAMP. INSTALL PER MANUFACTURER'S

EXHAUST FANS

DESIGNATION	REFERENCE PRODUCT	TYPE	SERVES	AIR FLOW RATE (CFM)	TOTAL STATIC PRESSURE (IN. WATER)	ROTATION (RPM)	DRIVE	SONES	MOTOR SIZE: BHP	MOTOR SIZE: MHP	ELECTRICAL: VOLTS	ELECTRICAL: PHASE	REMARKS
EF-1	GREENHECK: SQ-70-VG	INLINE	TLT 112	50	0.05	600	DIRECT	0.3	0.1	1/15	120	1	INTERLOCK FAN WITH LIGHTSWITCH. INSTALL PER MANUFACTURER'S INSTRUCTIONS
EF-2	GREENHECK: SQ-70-VG	INLINE	TLT 111	50	0.05	600	DIRECT	0.3	0.1	1/15	120	1	INTERLOCK FAN WITH LIGHTSWITCH. INSTALL PER MANUFACTURER'S INSTRUCTIONS
EF-3	GREENHECK: SPB70	CEILING	TLT 204	50	0.1	675	DIRECT	0.5	0.1	17 WATTS	120	1	INTERLOCK FAN WITH LIGHTSWITCH. INSTALL PER MANUFACTURER'S INSTRUCTIONS
EF-4	GREENHECK: SPB70	CEILING	TLT 203	50	0.1	675	DIRECT	0.5	0.1	17 WATTS	120	1	INTERLOCK FAN WITH LIGHTSWITCH. INSTALL PER MANUFACTURER'S INSTRUCTIONS
EF-5	GREENHECK: SE1-18-429-VG	WALL MOUNTED	GARAGE 115	2,800	0.25	1250	DIRECT	10.5	0.29	3/4	120	1	FAN SHALL BE INTERLOCKED WITH LOUVERS. PROVIDE WALL COLLAR AND BIRD SCREEN. INSTALL PER MANUFACTURER'S INSTRUCTIONS. PROVIDE MOTOR STARTER AND ELECTRICAL DISCONNECT.

AIR DEVICES

DESIGNATION	REFERENCE PRODUCT	CONFIGURATION	MAXIMUM AIRFLOW (CFM)	TOTAL PRESSURE (IN. WATER)	NECK SIZE (IN.)	PANEL SIZE (IN.)	MAX. N.C.	FINISH	REMARKS
A	TITUS: OMNI AA	LAY-IN PLAQUE	225	0.099	6	24 x 24	30	WHITE	
B	TITUS: OMNI AA	LAY-IN PLAQUE	350	0.112	8	24 x 24	30	WHITE	
C	TITUS: OMNI AA	LAY-IN PLAQUE	550	0.168	10	24 x 24	30	WHITE	
D	TITUS: OMNI AA	LAY-IN PLAQUE	700	0.191	12	24 x 24	30	WHITE	
E	TITUS: 350	LINEAR SIDEWALL	300	0.022	10 x 10	12 x 12	30	WHITE	
F	TITUS: 350	LINEAR SIDEWALL	200	0.022	10 x 6	12 x 8	30	WHITE	
1	TITUS: 350RL	LINEAR SIDEWALL	1275	0.022	20 x 20	22 X 22	30	WHITE	
2	TITUS: 50F	LAY-IN EGGCRATE	1650	0.095	18 x 18	24 x 24	30	WHITE	1/2" x 1/2" x 1/2" ALUMINUM CORE. PROVIDE FILTER.
3	TITUS: 50F	LAY-IN EGGCRATE	875	0.022	12 x 12 or 12"	24 x 24	30	WHITE	1/2" x 1/2" x 1/2" ALUMINUM CORE. PROVIDE FILTER. USE SRG ADAPTER WHERE ROUND NECK SIZE IS INDICATED ON PLANS
4	TITUS: 50F	LAY-IN EGGCRATE	100	0.095	6"	24 x 24	30	WHITE	1/2" x 1/2" x 1/2" ALUMINUM CORE. PROVIDE FILTER. USE SRG ADAPTER WHERE ROUND NECK SIZE IS INDICATED ON PLANS

UNIT HEATERS - ELECTRIC

DESIGNATION	REFERENCE PRODUCT	SERVES	HEATING CAPACITY (KW)	HEATING CAPACITY (MBH)	AIR FLOW RATE (CFM)	TEMP RISE (DEGREE F)	MOTOR SIZE (MHP)	ELECTRICAL: VOLTS	ELECTRICAL: PHASE	REMARKS
UH-1	REZNOR: EGEB5	SHOP	5	17.1	310	51	1/50	230	1	INSTALL PER MANUFACTURER'S RECOMMENDATIONS. PROVIDE WALL MOUNTED THERMOSTAT AND MOUNTING BRACKET.
UH-2	REZNOR: EGEB10	GARAGE	10	34.1	625	51	1/33	230	1	INSTALL PER MANUFACTURER'S RECOMMENDATIONS. PROVIDE WALL MOUNTED THERMOSTAT AND MOUNTING BRACKET.
UH-3	REZNOR: EGEB10	GARAGE	10	34.1	625	51	1/33	230	1	INSTALL PER MANUFACTURER'S RECOMMENDATIONS. PROVIDE WALL MOUNTED THERMOSTAT AND MOUNTING BRACKET.
UH-4	REZNOR: EHC3	STAIRS	3	10.2	160	60	20 AMPS	230	1	INSTALL PER MANUFACTURER'S RECOMMENDATIONS. PROVIDE INTEGRAL THERMOSTAT, AND WHITE RECESSED CABINET.

LOUVERS

DESIGNATION	REFERENCE PRODUCT	TYPE	WIDTH (INCHES)	HEIGHT (INCHES)	DEPTH (INCHES)	MAXIMUM AIR FLOW (CFM)	PRESSURE DROP (IN. WATER)	FINISH	REMARKS
L-1	GREENHECK: EAD-635	COMBINATION LOUVER/DAMPER	44	32	6	2800	0.033	ALUMINUM	PROVIDE MANUFACTURER'S BIRD AND INSECT SCREEN. PAINT TO MATCH ADJACENT SURFACE.
L-2,3	GREENHECK: EAD-635	COMBINATION LOUVER/DAMPER	20	32	6	1200	0.033	ALUMINUM	PROVIDE MANUFACTURER'S BIRD AND INSECT SCREEN. PAINT TO MATCH ADJACENT SURFACE.
L-4	GREENHECK: ESD-635	STATIONARY INTAKE	14	12	6	150	0.038	ALUMINUM	PROVIDE MANUFACTURER'S BIRD AND INSECT SCREEN. PAINT TO MATCH ADJACENT SURFACE.
L-5	GREENHECK: ESD-635	STATIONARY EXHAUST	14	12	6	150	0.038	ALUMINUM	PROVIDE MANUFACTURER'S BIRD AND INSECT SCREEN. PAINT TO MATCH ADJACENT SURFACE.
L-6	GREENHECK: ESD-635	STATIONARY INTAKE	20	18	6	450	0.042	ALUMINUM	PROVIDE MANUFACTURER'S BIRD AND INSECT SCREEN. PAINT TO MATCH ADJACENT SURFACE.

JONESBORO MUNICIPAL AIRPORT

ARFF REPLACEMENT

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CONSTRUCTION DOCUMENTS

PROJECT NO.
2034

PROJECT NAME
ARFF REPLACEMENT

DATE
02-26-2021

CONTENTS
MECHANICAL SCHEDULES

SHEET NUMBER
M301

STATE OF ARKANSAS REGISTERED ENGINEER NO. 19764 FILLON A LEE
INSIGHT ENGINEERING, PLLC CERTIFICATE OF AUTHORIZATION No. 3523 ARKANSAS
02-26-2021

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PLUMBING GENERAL NOTES

1. ALL PIPING IN FINISHED ROOMS OR SPACES SHALL BE CONCEALED IN A FURRED CHASE OR ABOVE A HARD SUSPENDED CEILING.

2. ACCESS PANELS IN HARD SUSPENDED CEILINGS ARE REQUIRED FOR ALL VALVES, TRAPS, LEANOUTS, CONTROLS, ETC. COORDINATE LOCATION OF PANELS WITH MECHANICAL INSTALLATION AND DEMONSTRATE ACCESS TO EQUIPMENT SERVED.

3. ALL PIPE ROUTING AND CONSTRUCTION SHOWN ON THE DRAWINGS IS DIAGRAMMATIC IN NATURE AND MAY NOT BE SHOWN IN EXACT LOCATIONS OR WITH ALL ANCILLARY ITEMS REQUIRED FOR A COMPLETE AND OPERATING SYSTEM. CONTRACTOR SHALL COORDINATE ROUTING OF ALL PIPING PER TYPICAL CONSTRUCTION PRACTICE IN THE MOST EFFICIENT WAY POSSIBLE WHILE ADHERING AS CLOSELY TO THE DRAWINGS AS POSSIBLE.CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL INSTALLATION WITH THE WORK OF OTHER TRADES. FIELD MODIFICATIONS SUCH AS OFFSETS IN PIPING NEEDED DUE TO OBSTRUCTIONS OR INTERFERENCES SHALL BE PROVIDED AT NO ADDITIONAL COST.

4. ALL WORK SHALL BE PERFORMED IN A NEAT AND WORKMANLIKE MANNER WITHIN STANDARD OF CARE FOR PROFESSION. ALL LABOR, MATERIAL, TOOLS, PERMITS, INSPECTIONS, TESTING, CERTIFICATION, ETC. REQUIRED FOR A COMPLETE AND SATISFACTORY INSTALLATION TO DESIGN INTENT SHALL BE FURNISHED BY CONTRACTOR. PROVIDE, AT NO ADDITIONAL COST, INCLUDING INCIDENTAL ITEMS NOT SHOWN WHEN REQUIRED FOR TYPICAL COMPLETION OF WORK.

5. DRAWINGS NOT BEARING THE STAMP OR SEAL AND SIGNATURE OF A REGISTERED PROFESSIONAL ENGINEER SHALL NOT BE USED FOR BIDDING OR CONSTRUCTION PURPOSES UNLESS EXPRESSLY APPROVED IN WRITING BY THE ARCHITECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ALL DRAWINGS AND SPECIFICATIONS BEING USED FOR BIDDING AND CONSTRUCTION PURPOSES ARE OF THE LATEST REVISION AVAILABLE AND ALL ADDENDUM DOCUMENTS HAVE BEEN INCORPORATED EITHER BY REVISION RELEASE OF DRAWINGS/SPECIFICATIONS OR ATTACHMENT OF SKETCHES OR OTHER ADDENDUM INFORMATION.

6. THE PLUMBING CONTRACTOR SHALL FURNISH AND INSTALL NEW PRODUCTS OF ESTABLISHED AND REPUTABLE MANUFACTURERS. NO EQUIPMENT SUBSTITUTIONS SHALL BE MADE THAT WOULD LEAVE INADEQUATE OPERATING OR SERVICE SPACE. EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDED INSTALLATION PROCEDURES AND IN AN ARRANGEMENT THAT WILL GIVE THE GREATEST PRACTICAL EASE OF OPERATION AND SERVICE TO THE OWNER.

7. ALL WORK SHALL BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF ALL APPLICABLE CODES AND REGULATIONS INCLUDING BUT NOT LIMITED TO CAVHS, NATIONAL, CITY, STATE, AND LOCAL ORDINANCES. ALL PLUMBING MATERIALS, INSTALLATION PROCEDURES, AND SYSTEM LAYOUTS SHALL BE APPROVED BY ALL APPLICABLE AUTHORITIES HAVING JURISDICTION. THE CONTRACTOR SHALL PROVIDE ALL MATERIALS AND LABOR NECESSARY TO COMPLY WITH THESE RULES, REGULATIONS, AND ORDINANCES. THESE CODES REPRESENT THE MINIMUM ACCEPTABLE REQUIREMENTS, THEREFORE, WHERE DRAWINGS AND/OR SPECIFICATIONS INDICATE MATERIALS OR CONSTRUCTION MORE STRINGENT THAT CODE REQUIREMENTS, THE DRAWINGS AND/OR SPECIFICATIONS SHALL GOVERN.

8. IT IS THE RESPONSIBILITY OF THE PLUMBING CONTRACTOR TO PAY FOR ALL NECESSARY PERMITS AND APPROVALS FOR THIS INSTALLATION.

9. ALL DOMESTIC WATER PIPING SHALL CONFORM TO THE REQUIREMENTS OF THE ANSI SAFETY CODE AND BE FREE FROM ALL DEFECTS AND BE PROPERLY IDENTIFIED.

10. STERILIZE THE ENTIRE WATER DISTRIBUTION SYSTEM PER THE REQUIREMENTS OF THE LOCAL AUTHORITY HAVING JURISDICTION.

11. DOMESTIC WATER SYSTEM, WASTE, SOIL AND VENT SYSTEM SHALL ALL BE TESTED PER LOCAL AUTHORITY HAVING JURISDICTION. TEST AND OBTAIN APPROVAL ON ALL UNDERGROUND PIPING FROM ADMINISTRATIVE AUTHORITY HAVING JURISDICTION PRIOR TO COVERING WORK.

12. PLUMBING CONTRACTOR SHALL PROVIDE INITIAL START UP OF ALL SYSTEMS INCLUDED IN THE PLUMBING WORK.

13. ALL EXPOSED PIPING BELOW LAVATORY'S DESIGNATED AS HANDICAPPED SHALL BE TOTALLY INSULATED.

14. ALL NON-DRAINAGE PIPING SHALL BE RUN LEVEL AND GENERALLY FREE OF TRAPS AND UNNECESSARY BENDS, ARRANGED TO CONFORM TO THE BUILDING REQUIREMENTS AND TO SUIT THE NECESSITIES OF CLEARANCES FOR OTHER MECHANICAL WORK. PROVIDE VALVED DRAINAGE OUTLETS IN AREAS OF PIPING WHICH WOULD BE UNDRAINABLE DURING MAINTENANCE OR REPAIRS.

15. ALL EQUIPMENT, PIPING, ETC., SHALL BE SUPPORTED AS DETAILED AND/OR SPECIFIED. PROVIDE ADDITIONAL SUPPORTS AS REQUIRED TO PROVIDE A VIBRATION-FREE, RIGID INSTALLATION.

16. PENETRATIONS OF WALLS OR FLOORS FOR THE PASSAGE OF PIPING OR OTHER EQUIPMENT SHALL BE PROPERLY SEALED AFTER INSTALLATION OF ITEMS AND EQUIPMENT.

17. PROVIDE UNIONS OR FLANGES AT PIPING CONNECTIONS TO EQUIPMENT TO ALLOW DISASSEMBLY FOR MAINTENANCE. ARRANGE PIPING TO ALLOW PULL SPACE FOR EQUIPMENT REMOVAL.

18. PROVIDE ESCUTCHEONS FOR EXPOSED PIPING PENETRATIONS INTO FINISHED ROOMS.

19. PIPING, LEAK PROTECTION APPARATUS, OR OTHER EQUIPMENT FOREIGN TO ELECTRICAL SWITCHBOARDS, PANELBOARDS, DISTRIBUTION BOARDS, OR MOTOR CONTROL CENTERS SHALL NOT BE INSTALLED WITHIN THE REQUIRED SPACE FOR WORKING CLEARANCES OR DEDICATED SPACES OF THE ELECTRICAL EQUIPMENT, EXTENDING IN FRONT OF AND FROM FLOOR TO STRUCTURAL CEILING WITH A WIDTH AND DEPTH OF THE ELECTRICAL EQUIPMENT IN ACCORDANCE WITH NEC-110.26.

LEGEND

SYMBOL	DESCRIPTION
	NEW FIXTURE / EQUIPMENT.
	NEW PIPING
SS	SANITARY SEWER (SS)
V	VENT (V)
	COLD WATER (CW)
	HOT WATER (HW)
	HOT WATER RETURN (HWR)
P-1	PLUMBING FIXTURE / EQUIPMENT DESIGNATION
FD	FLOOR DRAIN
VTR	VENT THRU ROOF
CO	CLEANOUT PLUG
FCO	FLOOR CLEANOUT
WCO	WALL CLEANOUT
COTG	CLEANOUT TO GRADE
1	REVISION DELTA
1 / P301	RISER DESIGNATION

SYMBOL	DESCRIPTION
	BALL VALVE
	GATE VALVE
	CHECK VALVE
	PRESSURE REDUCING VALVE
	VALVE AT PIPE RISER
	ELBOW, TURNED UP
	ELBOW, TURNED DOWN
	RISE OR DROP IN PIPE
	TEE, OUTLET UP
	TEE, OUTLET DOWN
	TEE, SIDE CONNECTION
	PIPE ELBOW 90°
	PIPE ELBOW 45°
	CAPPED OUTLET
	CAPPED PIPE
	CONCENTRIC REDUCER
	ECCENTRIC REDUCER

STATE OF ARKANSAS REGISTERED ENGINEER NO. 19764 FILLON A LEE
02-26-2021

CERTIFICATE OF AUTHORIZATION INSIGHT ENGINEERING, PLLC No. 3523 ARKANSAS

JONESBORO MUNICIPAL AIRPORT

ARFF REPLACEMENT

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2034

PROJECT NAME
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DATE
02-26-2021

CONTENTS
PLUMBING GENERAL NOTES AND LEGEND

SHEET NUMBER
P001

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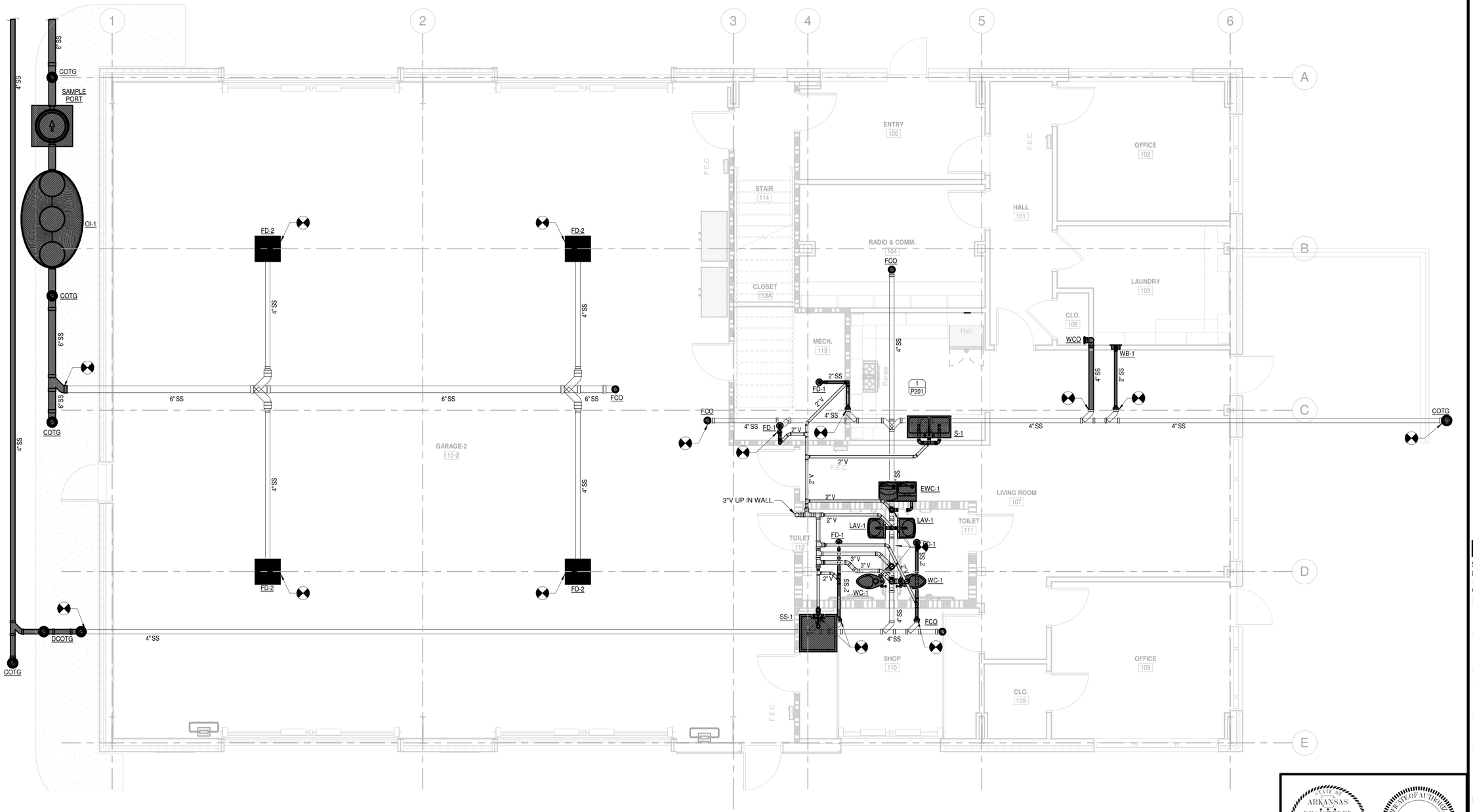

NORTH

1 FIRST FLOOR PLAN - SANITARY SEWER AND VENT

1/4" = 1'-0"

SCALE : 1/4" = 1'-0"

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JONESBORO MUNICIPAL AIRPORT

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DATE
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CONTENTS
FIRST FLOOR PLAN - SANITARY SEWER

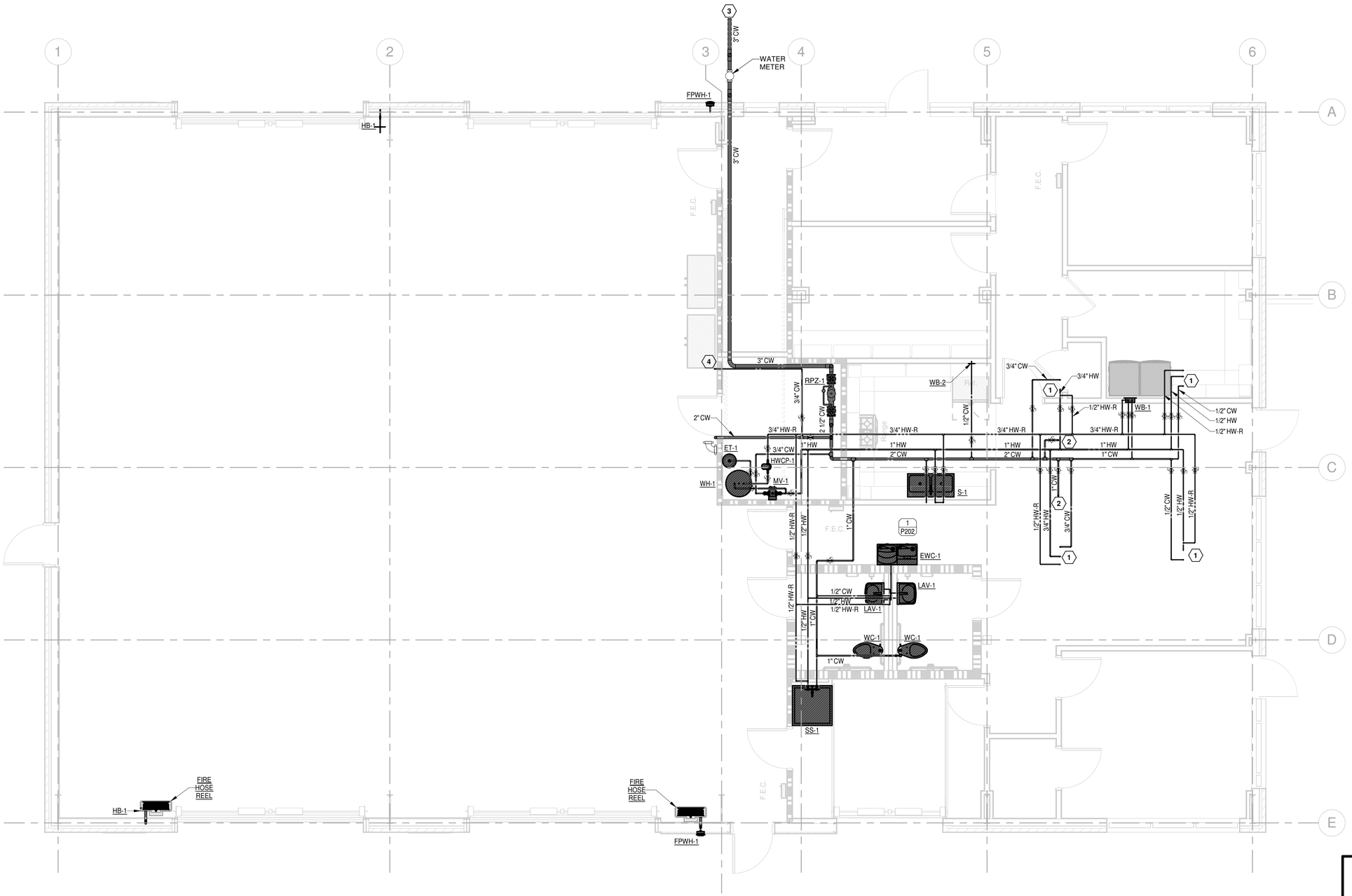
SHEET NUMBER
P101

STATE OF ARKANSAS REGISTERED ENGINEER NO. 19761 FALLON A. LEE
02-26-2021

INSIGHT ENGINEERING, PLLC CERTIFICATE OF AUTHORIZATION No. 3523 ARKANSAS

KEYED NOTES

1. 1/2" COLD WATER (CW), 1/2" HOT WATER (HW), AND 1/2" HOT WATER RETURN (HW/R) DOWN FROM MEZZANINE FIXTURE ABOVE.
2. 1" COLD WATER (CW) ROUTED DOWN FROM MEZZANINE FIXTURE ABOVE.
3. REFER TO CIVIL FOR CONTINUATION.
4. PIPING ROUTED THRU WALL, ABOVE DOOR, AND IN THE VERTICAL UP WALL TO NEAR STRUCTURE.



NORTH

1 FIRST FLOOR PLAN - DOMESTIC WATER

1/4" = 1'-0"

0 2 4 8

SCALE : 1/4" = 1'-0"

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STATE OF ARKANSAS REGISTERED ENGINEER NO. 19764 FULTON A LEE

02-26-2021

INSIGHT ENGINEERING, PLLC CERTIFICATE OF AUTHORIZATION No. 3523 ARKANSAS

JONESBORO MUNICIPAL AIRPORT
ARFF REPLACEMENT

LINDBURG DRIVE, JONESBORO, AR 72401

COOPER MIXON ARCHITECTS
505 union street, 2nd flr jonesboro, ar 72401
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CONSTRUCTION DOCUMENTS

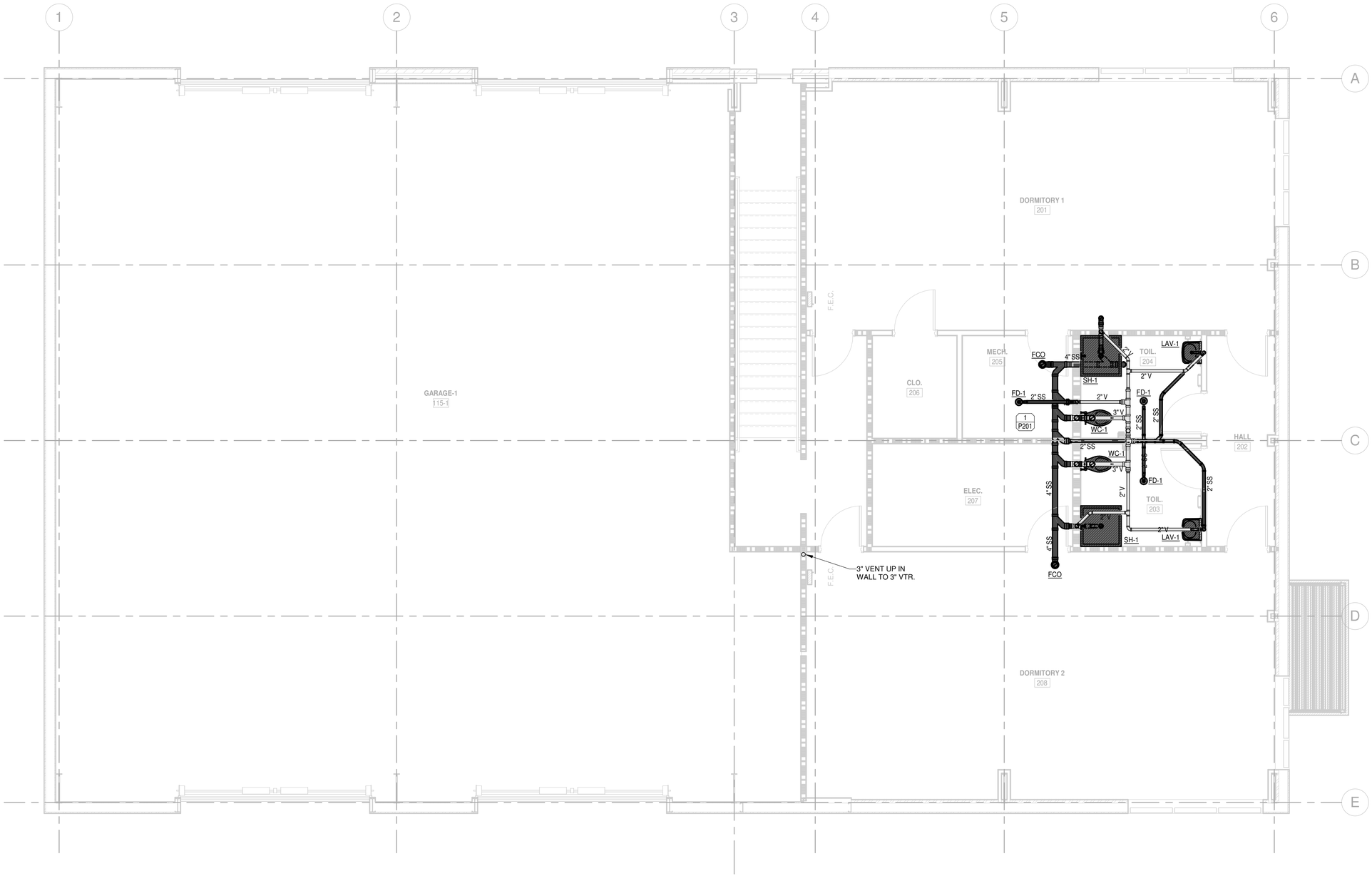
PROJECT NO.
2034

PROJECT NAME
ARFF REPLACEMENT

DATE
02-26-2021

CONTENTS
FIRST FLOOR PLAN - DOMESTIC WATER

SHEET NUMBER
P102



NORTH

1 MEZZANINE PLAN - SANITARY SEWER AND VENT

1/4" = 1'-0"

0 2 4 8

SCALE : 1/4" = 1'-0"

STATE OF ARKANSAS
REGISTERED ENGINEER
NO. 19764
FALLON A LEE
02-26-2021

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CONSTRUCTION DOCUMENTS

PROJECT NO.
2034

PROJECT NAME
ARFF REPLACEMENT

DATE
02-26-2021

CONTENTS
MEZZANINE FLOOR PLAN - SANITARY SEWER AND VENT

SHEET NUMBER
P103

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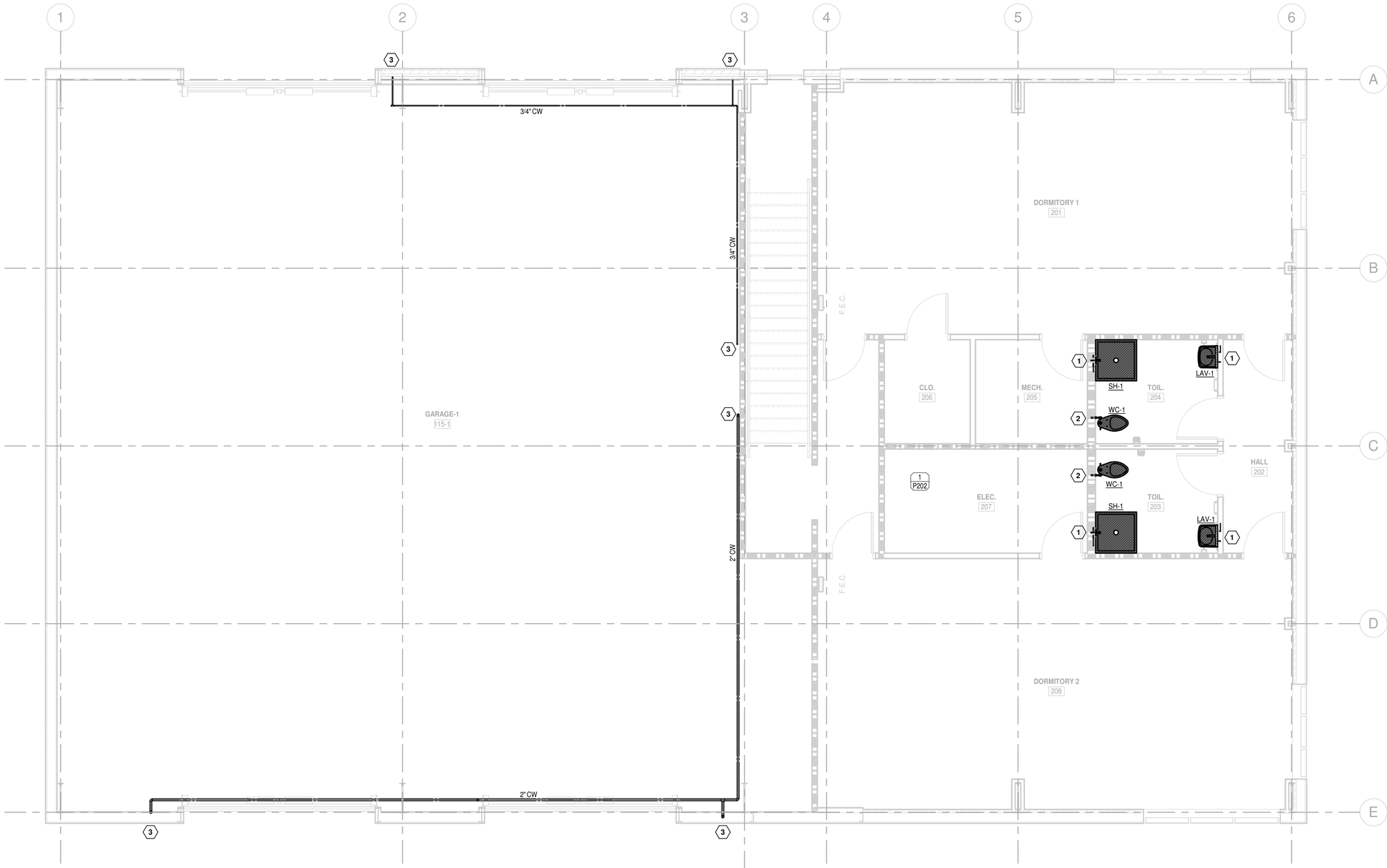
KEYED NOTES

1. 1/2" COLD WATER (CW), 1/2" HOT WATER (HW), AND 1/2" HOT WATER RETURN (HW/R) ROUTED DOWN IN WALL TO PLENUM SPACE BELOW.
2. 1" COLD WATER (CW) ROUTED DOWN IN WALL TO PLENUM SPACE BELOW.
3. PIPING ROUTED DOWN AGAINST WALL.



NORTH

1 MEZZANINE PLAN - DOMESTIC WATER

1/4" = 1'-0"

0 2 4 8

SCALE : 1/4" = 1'-0"

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02-26-2021

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CONSTRUCTION DOCUMENTS

PROJECT NO.
2034

PROJECT NAME
ARFF REPLACEMENT

DATE
02-26-2021

CONTENTS
MEZZANINE FLOOR PLAN - DOMESTIC WATER

SHEET NUMBER
P104

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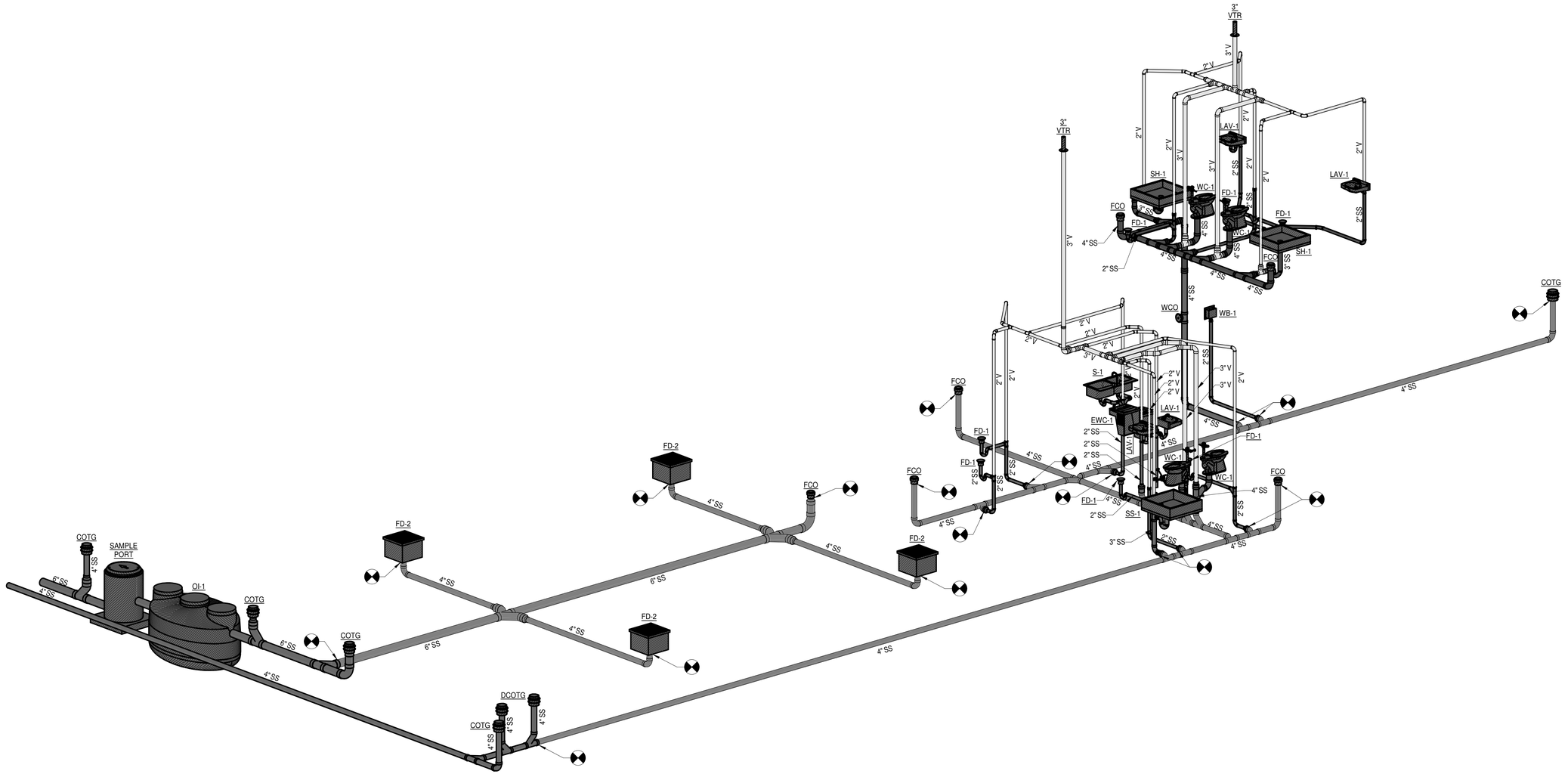

1 RISER DIAGRAM - SANITARY SEWER AND VENT

NOT TO SCALE:

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CONSTRUCTION DOCUMENTS

PROJECT NO.

2034

PROJECT NAME

ARFF REPLACEMENT

DATE

02-26-2021

CONTENTS

PLUMBING RISER DIAGRAMS

SHEET NUMBER

P201

STATE OF ARKANSAS REGISTERED PROFESSIONAL ENGINEER NO. 19764 FULTON A LEE

02-26-2021

INSIGHT ENGINEERING, PLLC CERTIFICATE OF AUTHORIZATION No. 3523 ARKANSAS

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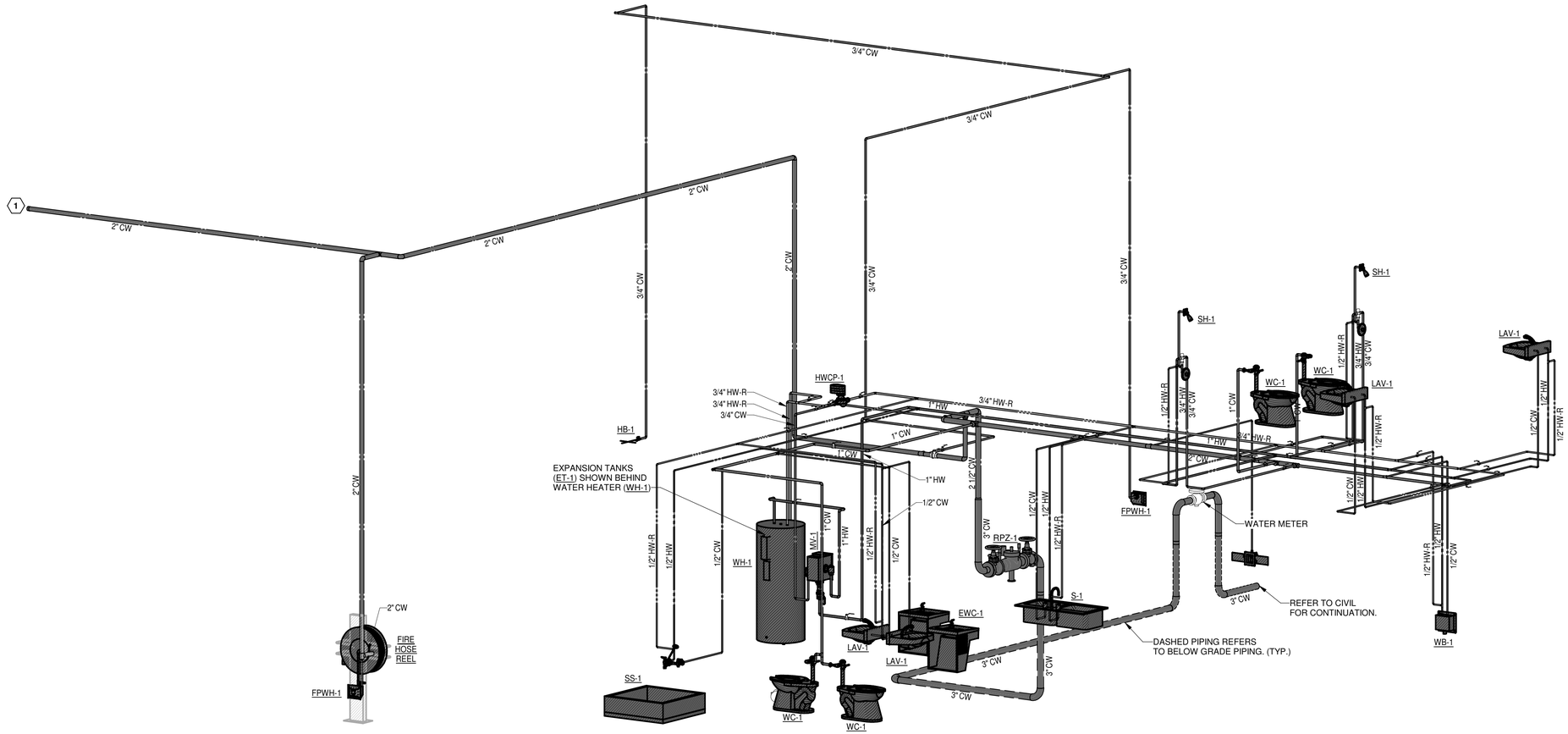
KEYED NOTES

1. 2" COLD WATER (CW) ROUTED HIGH AND DOWN WALL TO FIRE HOSE REEL AND HOSE BIBB HB-1



1 RISER DIAGRAM - DOMESTIC WATER

NOT TO SCALE:

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CONSTRUCTION DOCUMENTS

PROJECT NO.
2034

PROJECT NAME
ARFF REPLACEMENT

DATE
02-26-2021

CONTENTS
PLUMBING RISER DIAGRAMS

SHEET NUMBER
P202

STATE OF ARKANSAS
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NO. 19764
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No. 3523
ARKANSAS

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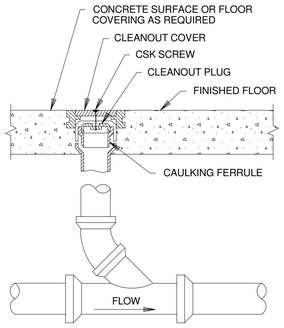
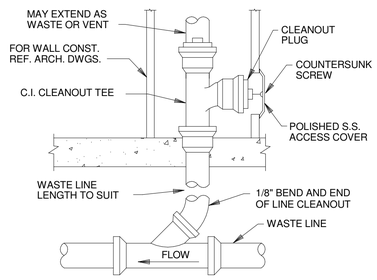
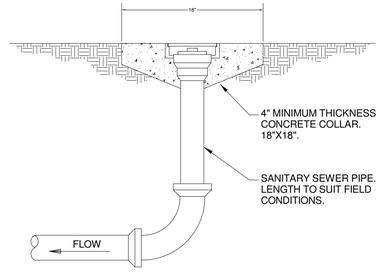


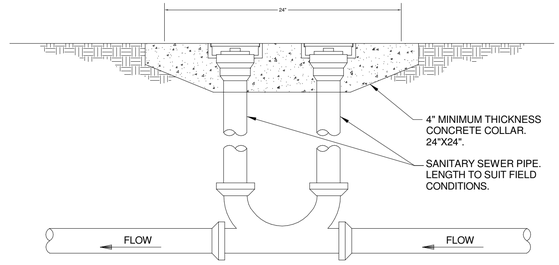
1 FLOOR CLEANOUT-FINISHED ROOMS
NOT TO SCALE:



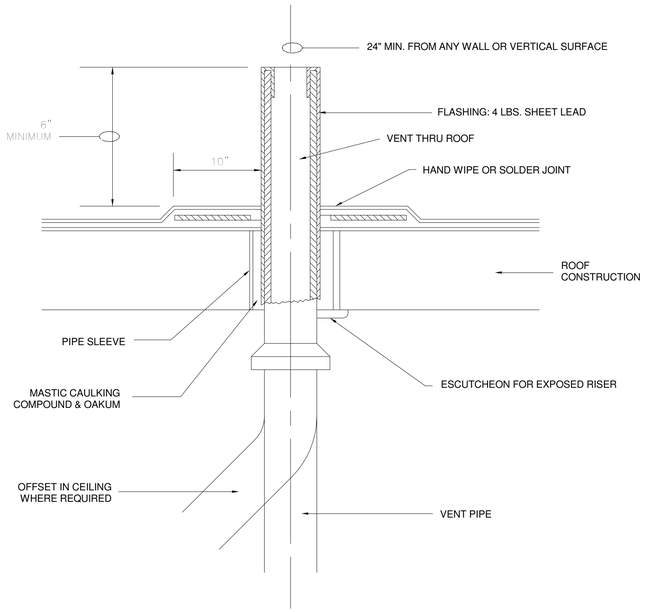
2 WALL CLEANOUT-FINISHED ROOMS
NOT TO SCALE:



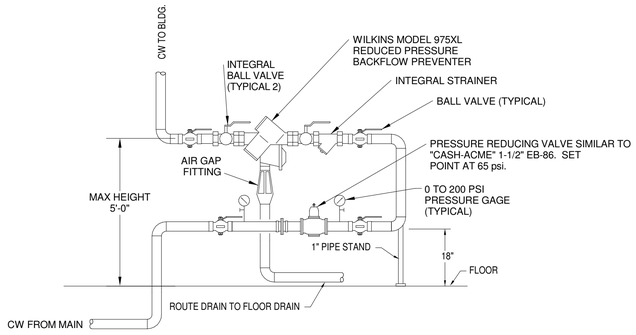
3 CLEANOUT TO GRADE
NOT TO SCALE:



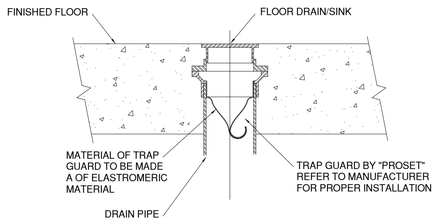
4 DOUBLE CLEANOUT TO GRADE
NOT TO SCALE:



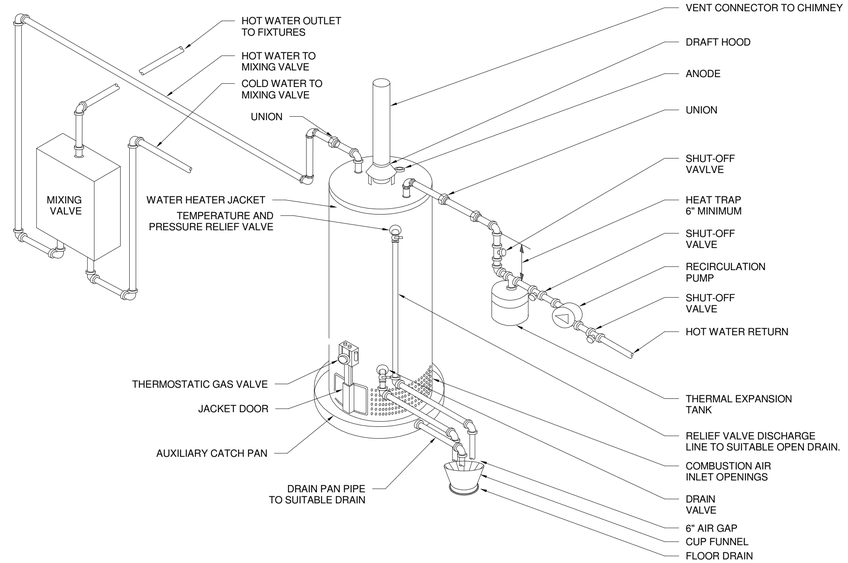
5 VENT THRU ROOF DETAIL
NOT TO SCALE:



6 DOMESTIC WATER ENTRANCE DETAIL
NOT TO SCALE:



7 TRAP-GUARD DETAIL
NOT TO SCALE:



NOTE: FOR CAPACITY SEE WATER HEATER SCHEDULE

8 WATER HEATER DETAIL
NOT TO SCALE:

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CONSTRUCTION DOCUMENTS

PROJECT NO.
2034

PROJECT NAME
ARFF REPLACEMENT

DATE
02-26-2021

CONTENTS
PLUMBING DETAILS

SHEET NUMBER
P301

STATE OF ARKANSAS REGISTERED PROFESSIONAL ENGINEER NO. 19764 FULTON A LEY
CERTIFICATE OF AUTHORIZATION INSIGHT ENGINEERING, PLLC No. 3523 ARKANSAS
02-26-2021

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PLUMBING FIXTURE SCHEDULE

DESIGNATION	FIXTURE TYPE	BASIS OF DESIGN		PIPE CONNECTION SIZE				TRAP	DESCRIPTION
		MANUFACTURER AND MODEL	ACCESSORIES	COLD	HOT	WASTE	VENT		
WC-1	WATER CLOSET	AMERICAN STANDARD "MADERA 16-1/2" #3043.001, ZURN Z6000 FLUSH VALVE	CENTOCO #1500STSCCSS HEAVY DUTY OPEN FRONT LESS COVER SEAT, ZURN Z8802-XL-Q-PC QUARTER TURN STOP	1"	-	4"	2"	INTEGRAL	ADA COMPLIANT, 1.6 GPF, FLOOR MOUNTED, VITREOUS CHINA, MANUAL FLUSHVALVE, ELONGATED BOWL, SEAT - OPEN FRONT SEAT, SELF SUSTAINING, LESS COVER
LAV-1	LAVATORY ADA	AMERICAN STANDARD "MURRO" #0955.001EC, T&S BRASS #B-2701 FAUCET	AMERICAN STANDARD #0059.020EC SHROUD COVER, T&S BRASS #B-0199-08-NO5 NON-AERATED SPRAY DEVICE, ZURN #Z8746-PC STRAINER, ZURN #Z8802-XL-LRLK-PC-CE STOPS, ZURN Z78700-PC TRAP, ZURN Z1231 WALL CARRIER, LEONARD #170A-LP-CP THERMOSTATIC MIXING VALVE	1/2"	1/2"	2"	2"	1-1/4"	ADA COMPLIANT, 20-1/2"x21-1/4", WALL HUNG, WHITE VITREOUS CHINA WITH SHROUD, FRONT OVERFLOW, CENTER HOLE ONLY, CHROME PLATED OPEN GRID DRAIN STRAINER, CHROME PLATED SUPPLY STOPS AND TRAP, FAUCET - 0.5 GPM AERATOR, MANUAL, SINGLE LEVER DECK MOUNT, LEAD FREE, CHROME PLATED THERMOSTATIC MIXING VALVE, CARRIER - CONCEALED ARM WALL CARRIER
EWC-1	ELECTRIC WATER COOLER	ELKAY LZSTL8SC	ZURN Z-1225BL CARRIER	1/2"	-	2"	2"	1-1/4"	ELECTRIC WATER COOLER, 8 GPH OF 50 DEG. F DRINKING WATER AT 90 DEG. F AMBIENT AND 80 DEG. F INLET WATER, PUSHBAR ACTIVATION, STAINLESS STEEL CABINET, STAINLESS STEEL BASIN WITH INTEGRAL DRAIN, FLEXIBLE ANTI-MICROBIAL BUBBLER, UNIT SHALL MEET ADA GUIDELINES
SH-1	SHOWER	AQUARIUS #G-6077-SH-1S, WADE DRAIN #1102-STD, STALL TO BE LEFT OR RIGHT HAND ORIENTED AS REQUIRED	LEONARD "AQUATROL" #4500	1/2"	1/2"	2"	2"	2"	SHOWER STALL - 36-1/2"x60"x78"H, WHITE ACRYLIC, CORNER MOLDED SOAP DISH, MOLDED SEAT, CENTER DRAIN, OPEN TOP, 7" THRESHOLD, SHOWER TRIM - 1.5 GPM, SINGLE HANDLE OPERATION, ADJUSTABLE HIGH TEMPERATURE LIMIT STOP SET TO 110°F, COLOR CODED DIAL
S-1	INTEGRAL SINK	JST DL SERIES-ADA-2143-A-GR	MCGUIRE OFFSET BASKET STRAINER #1151AWC, MCGUIRE P-TRAP #8912, MCGUIRE SUPPLY STOP VALVES #LFBV2-04	1/2"	1/2"	2"	2"	1-1/2"	SINK - ADA COMPLIANT, 21"x43"x6-1/2"D, 2 COMPARTMENT, COUNTER-TOP, SELF RIMMING, 18 GAUGE TYPE 302 STAINLESS STEEL, CENTER DRAIN OUTLET, THREE FAUCET HOLES ON 4" CENTERS, FAUCET - 2.2 GPM, CHROME PLATED LEAD FREE, 9" SWING SPOUT, DECK MTD, 6" SINGLE LEVER HANDLE, DUAL HOT/COLD SUPPLY,4" CENTERS, DECKPLATE
SS-1	SERVICE SINK	STERN WILLIAMS SB-900 SERVICE SINK, T&S BRASS B-0665-BSTR FAUCET	T-35 HOSE AND WALL HOOK, T-40 MOP HANGER	1/2"	1/2"	3"	2"	3"	SERVICE SINK- 24"x24"x12" FLOOR MOUNTED, PRE-CAST TERRAZO, STAINLESS STEEL CAPS, FAUCET - CHROME PLATED LEAD FREE, 6" WRIST BLADE CONTROLS, 3/4" HOSE THREADED OUTLET, COMPRESSION CARTRIDGES WITH SPRING CHECK VALVES, UPPER SUPPORT ROD
WB-1	SUPPY AND DRAIN BOX	GUY GRAY B200	-	1/2"	1/2"	2"	2"	-	11.62" X 9-1/2"X 3-1/2" 18 GAUGE STEEL SUPPLY AND DRAIN BOX WITH HOT AND COLD WATER VALVES
WB-2	ICEMAKER BOX	GUY GRAY BIM875	-	1/2"	-	-	-	-	11.62" X 9-1/2"X 3-1/2" 18 GAUGE STEEL ICEMAKER BOX WITH VALVE
FPWH	FREEZE PROOF HOSE BIBB	ZURN Z-1300 ECOLOTROL FREEZE PROOF WALL HYDRANT	-	3/4"	-	-	-	-	FREEZE PROOF HOSE BIBB WITH STAINLESS STEEL BOX AND COVER
HB-1	HOSE BIBB	WOODFORD MODEL 24P	-	3/4"	-	-	-	-	ANTI-SIPHON VACUUM BREAKER PROTECTED HOSE BIBB

PLUMBING EQUIPMENT SCHEDULE

DESIGNATION	EQUIPMENT	BASIS OF DESIGN	PIPING CONNECTIONS	ELECTRIC (VOLT / PH / HZ)	POWER	REMARKS
WH-1	ELECTRIC TANK WATER HEATER	A.O. SMITH LTE 80D	3/4" CW, 3/4" HW	240 / 1	2 @ 4.5 KW	ELECTRIC TANK WATER HEATER -20 GPH @ 90°F, TANK TYPE, 150 PSI WORKING PRESSURE, EXTRUDED HIGH DENSITY ANODE ROD, INTERNAL SURFACES SHALL BE GLASS LINED WITH AN ALKALINE BOROSILICATE COMPOSITION FUSED TO STEEL, ZINC PLATED COOPPER SHEATH HEATING ELEMENTS, ELEMENT MOUNTED THERMOSTAT AND HIGH TEMPERATURE CUTOFF SWITCH, BAKED ENAMEL FINISH OUTER JACKET WITH FOAM INSULATION, THREE YEAR LIMITED WARRANTY
ET-1	EXPANSION TANK	ZURN WTTA-5	3/4"	-	-	
MV-1	MIXING VALVE	LEONARD VALVE - TM-1520B-LF-DT	1-1/4" CW, 1-1/4" HW, DRAIN	-	-	MIXING VALVE - 65 GPM @ 10 PSI DROP, THEMOSTATIC MIXING VALVE, HI-LO STYLE. INSTALL PER MANUFACTURER'S INSTRUCTIONS.
HWCP-1	CIRCULATION PUMP	TACO 009	3/4" HWR	HARDWIRED 120V / 1 / 60	1/8 HP, 1.4 A	HOT WATER CIRCULATOR PUMP - 4 GPM @ 27' HD, 7"x4-1/8"x6-3/8", CAST IRON CASING, ALUMINUM STATOR HOUSING, STAINLESS STEEL CARTRIDGE, NON-METALLIC IMPELLER, CERAMIC SHAFT, CARBON BEARINGS, EPDM O-RINGS/GASKETS, SELF LUBRICATING, DIRECT DRIVE, REPLACEABLE CARTRIDGE DESIGN, NO MECHANICAL SEAL

PLUMBING SPECIALITIES SCHEDULE

DESIGNATION	FIXTURE	DESCRIPTION	SIZE	OUTLET
WCO	WALL CLEAN OUT	WADE 8304 WITH ROUND CHROME COVER PLATE AND FRAME, COUNTERSUNK SCREWS	AS NOTED	-
FD-1	FLOOR DRAIN	ZURN ZN-415-S6" WITH CAST IRON BODY AND NICKEL BRONZE STRAINER	AS NOTED	-
FD-2	FLOOR DRAIN	ZURN Z610 12" HEAVY DUTY DRAIN WITH CAST IRON BODY, STRAINER, AND FULL GRATE		
FS-1	FLOOR SINK	ZURN ZN-1901-2-32 WITH CAST IRON BODY AND NICKEL BRONZE FRAME AND 1/2" GRATE	AS NOTED	-
RPZ-1	BACKFLOW PREVENTER	WILKINS 975XL2 REDUCED PRESSURE ASSEMBLY WITH BRONZE WYE TYPE STRAINER AND AIR GAP	3"	-
OI-1	OIL AND SOLID INTERCEPTOR	ZURN OMC500 - OIL INTERCEPTOR. INSTALL PER MANUFACTURER'S RECOMMENDATION. PROVIDE H20 TRAFFIC LOADING COVER COVER, EXTENSION COLLAR	500 GAL	4"
	WATER HAMMER ARRESTORS	ZURN Z1700 WATER HAMMER ARRESTOR, SIZED IN ACCORDANCE WITH PDI-WH201 AND ASSE-1010. BELLOWS AND CASING SHALL BE CONSTRUCTED OF STAINLESS STEEL, MAXIMUM WORKING PRESSURE OF 125 PSIG.	AS NOTED	-

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CONSTRUCTION DOCUMENTS

PROJECT NO.
2034

PROJECT NAME
ARFF REPLACEMENT

DATE
02-26-2021

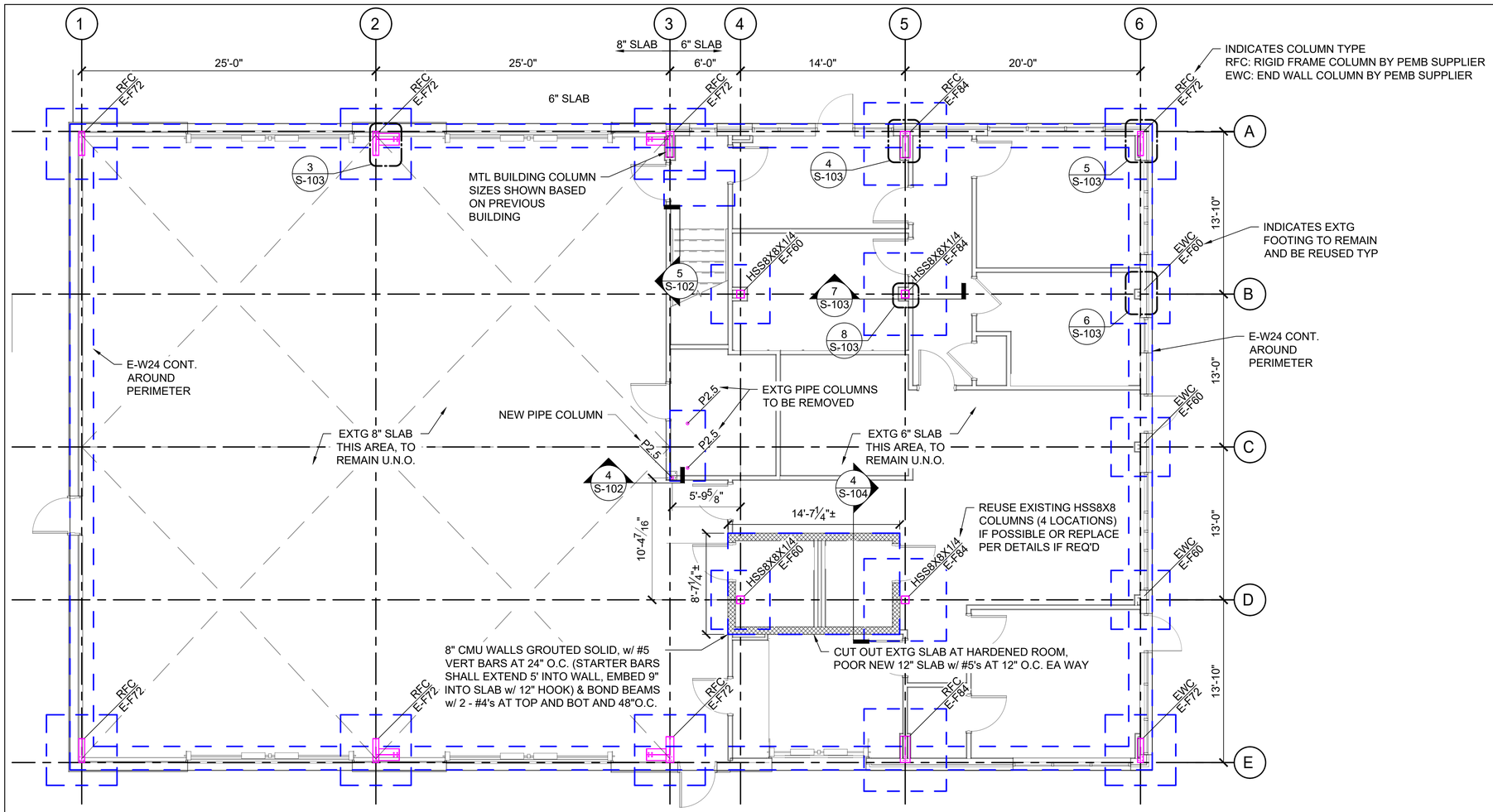
CONTENTS
PLUMBING SCHEDULES

STATE OF ARKANSAS REGISTERED ENGINEER NO. 19764 FILLON A LEE
02-26-2021

CERTIFICATE OF AUTHORIZATION INSIGHT ENGINEERING, PLLC No. 3523 ARKANSAS

SHEET NUMBER
P401

3/1/2021 3:08:33 PM



1 COLUMN PLAN & EXISTING FOUNDATION PLAN
3/16" = 1'-0"

DESIGN SUMMARY:

THE STRUCTURAL DESIGN OF THE NEW ARFF STRUCTURE CONSISTS OF A NEW PRE-ENGINEERED METAL BUILDING (PEMB) STRUCTURE WITH A NEW CONCRETE MEZZANINE STRUCTURE. SEE PLAN NOTES AND ARCHITECTURAL PLANS FOR DEMOLITION. A PORTION OF THE STEEL FRAMING FOR THE CONCRETE MEZZANINE MAY BE SAVED AND REUSED. THE PEMB AND CONCRETE MEZZANINE WILL BE NEW STRUCTURES TO MATCH AND REPLACE THE EXISTING DAMAGED STRUCTURE. THE EXISTING FOUNDATIONS ARE PLANNED TO BE REUSED FOR THE NEW PEMB AND MEZZANINE STRUCTURE. WHEN THE METAL BUILDING FOUNDATION REACTIONS ARE PROVIDED, NORTH DELTA ENGINEERING WILL ASSESS THE NEW REACTIONS AND THE EXISTING FOUNDATIONS TO VERIFY THE ADEQUACY OF THE EXISTING FOUNDATIONS.

THE NEW MEZZANINE STRUCTURE WILL BE SUPPORTED VERTICALLY AND LATERALLY BY THE NEW PEMB TO MATCH THE EXISTING STRUCTURAL SCHEME. VERTICAL AND HORIZONTAL UNFACTORED REACTIONS ARE PROVIDED ON THE PLANS AND THE PEMB SHALL APPLY LOAD FACTORS TO THOSE LOADS.

DESIGN CODE: 2012 IBC (REFERENCES ASCE 7-10)

RISK CATEGORY: IV

GRAVITY LOADS

DEAD LOAD	MATERIAL WEIGHT
MEZZANINE LIVE LOAD	= 100 PSF

LATERAL LOADS

SEISMIC:

SEISMIC DESIGN CATEGORY	D
IMPORTANCE FACTOR	I_e= 1.5
MAPPED SPECTRAL RESPONSE ACCELERATION PARAMETERS	S_S= 1.567 S_1= 0.546
DESIGN SPECTRAL RESPONSE ACCELERATION PARAMETERS	S_{DS}= 1.045 S_{D1}= 0.546
SEISMIC FORCE RESISTING SYSTEM	STEEL INTERMEDIATE MOMENT FRAMES
RESPONSE MODIFICATION COEFFICIENT	R= 3.5
SEISMIC RESPONSE COEFFICIENT	C_S= 0.448
DESIGN BASE SHEAR	V= 0.448W
ANALYSIS PROCEDURE	EQUIVALENT LATERAL FORCE PROCEDURE

DESIGN NOTES:

1. THE METAL BUILDING PROVIDER SHALL BE RESPONSIBLE FOR DESIGNING THE METAL BUILDING TO SUPPORT THE ADDITIONAL LOADS FROM THE MEZZANINE AND THE CONNECTIONS TO THE METAL BUILDING COLUMNS.
2. THE METAL BUILDING PROVIDER SHALL BE RESPONSIBLE FOR ADJUSTING THE METAL BUILDING COLUMN BASE PLATES AND ANCHOR LOCATIONS TO MEET THE MINIMUM DIMENSIONS AS SHOWN IN THESE STRUCTURAL DRAWINGS.

GENERAL NOTES:

A. SPECIAL INSPECTIONS:

1. ALL SPECIAL INSPECTIONS AND TESTS REQUIRED IN ACCORDANCE WITH CHAPTER 17 OF THE INTERNATIONAL BUILDING CODE SHALL BE PERFORMED BY A QUALIFIED INSPECTOR AND REPORTS SHALL BE FURNISHED.

B. MISCELLANEOUS:

1. CONTRACTOR SHALL COMPLY WITH ALL OSHA SAFETY STANDARDS DURING CONSTRUCTION.
2. CONTRACTOR SHALL LOCATE ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION. ALL UNDERGROUND UTILITIES MAY NOT BE SHOWN ON THE DRAWINGS.
3. CONTRCTOR SHALL COORDINATE WORK FROM ALL DISCIPLINES AS REQUIRED.
4. ANY CONFLICTS OR CONTRADICTIONS BETWEEN DIFFERENT DETAILS WITHIN THE DRAWINGS OR SPECIFICATIONS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE FOR CLARIFICATION/RESOLUTION.

C. CONCRETE AND REINFORCING:

1. ALL CONCRETE AND REINFORCEMENT SHALL CONFORM TO THE LATEST ACI CODE.
2. ALL REINFORCING BARS SHALL BE A-615 GRADE 60 STEEL.
3. LAP ALL REINFORCING BARS 48 BAR DIAMETERS MIN.
4. ALL CONCRETE SHALL HAVE A COMPRESSIVE STRENGTH AT 28 DAYS (f'c) OF 3500 PSI.
5. MAXIMUM AGGREGATE SIZE IN FOOTINGS SHALL BE 1 1/2", MAXIMUM AND AGGREGATE SIZE IN SLABS SHALL BE 1".
6. CONCRETE EXPOSED TO WEATHER SHALL HAVE 5.5% AIR ENTRAINMENT.
7. PLACE AND CURE CONCRETE IN ACCORDANCE TO ACI 305R AND 306R FOR HIGH AND LOW AIR TEMPERATURES AT PLACEMENT, RESPECTIVELY.
8. CONTRACTOR SHALL COORDINATE ADDITIONAL CONCRETE WORKING REQUIREMENTS OR ACCESSORIES AS REQUIRED AND THESE SHALL BE IN COMPLIANCE WITH ALL LOCAL AND STATE CODES.

D. STRUCTURAL STEEL:

1. ALL WIDE FLANGE STEEL MEMBERS SHALL CONFORM TO ASTM A992, Fy = 50 KSI, ALL STEEL HSS MEMBERS SHALL CONFORM TO ASTM A500 GR. B., ALL CHANNELS, ANGLES, PLATES, AND OTHER MISCELLANEOUS STEEL SHALL CONFORM TO ASTM A36, FY = 36 KSI MIN. U.N.O.
2. ALL STEEL BEAMS PARALLEL TO THE OPEN WEB STEEL JOISTS SHALL BE CAMBERED TO MATCH THE CAMBER IN THE JOISTS. OR AS AN OPTION, THE CONTRACTOR CAN PROVIDE STEEL PLATES UNDER THE METAL DECK TO MATCH THE CAMBER OF THE JOISTS.
3. PROVIDE LEVELING NUTS OR SHIM PACKS AS REQUIRED TO LEVEL COLUMN BASE PLATES. IF SHIM PACKS ARE USED, EITHER ENCASE SHIM PACKS WITH 1" MIN COVER OF NON-SHRINK GROUT WHEN PLACING GROUT UNDER BASE PLATE OR REMOVE THE SHIM PACKS (AFTER GROUT UNDER THE BASE PLATE HAS CURED) AND FULLY GROUT REMAINING CAVITIES. GROUT SHALL BE NON-METALLIC AND HAVE A COMPRESSIVE STRENGTH OF 7500 PSI MINIMUM.
4. ALL WELDING SHALL BE PERFORMED BY CERTIFIED WELDERS IN ACCORDANCE WITH AWS SPECIFICATIONS LATEST EDITIONS.
5. ALL WELDS SHALL BE E-70 SERIES ELECTRODES OR EQUAL.
6. ALL BOLTS SHALL BE HIGH-STRENGTH BOLTS 3/4-INCH MINIMUM AND ASTM F1852 TWIST OFF TYPE BOLTS FOR THE CONVENTIONAL STEEL FRAME CONNECTIONS.

E. OPEN WEB STEEL JOISTS

1. THE STEEL JOISTS SHALL BE MANUFACTURED BY A MEMBER OF THE STEEL JOIST INSTITUTE AND PER THE MOST CURRENT SJI SPECIFICATIONS AND CODE OF STANDARD PRACTICE.

F. COLD FORMED METAL STUDS:

1. ALL EXTERIOR LIGHT-GAUGE METAL STUDS AND FRAMING THAT BACKS UP MASONRY VENEER SHALL BE 6-INCH 18 GAUGE GALVANIZED STUDS MINIMUM (20 GAUGE MINIMUM FOR OTHER CONDITIONS).
2. ALL LIGHT-GAUGE METAL STUDS SHALL MEET ASTM 653 AND SHALL HAVE A MINIMUM YIELD STRENGTH OF 33 KSI.
3. TYPICAL STUD TRACKS SHALL BE 16 GAUGE MINIMUM.

G. ANCHORS

1. ALL ANCHORS SHALL CONFORM TO ASTM F1554 GR. 36 U.N.O.
2. ALL EPOXY ANCHORS SHALL BE INSTALLED USING HILTI HIT-RE 500 V3 EPOXY. INSTALLATION SHALL BE PERFORMED IN ACCORDANCE WITH MANUFACTURER GUIDELINES

CERTIFICATE OF AUTHORIZATION NORTH DELTA ENGINEERING #3535 ARKANSAS-ENGINEER

STATE OF ARKANSAS REGISTERED PROFESSIONAL ENGINEER No. 12969 JORDAN W. LANE

2/26/2021

NORTH DELTA ENGINEERING

NORTH DELTA PROJECT: NDE20_143

JONESBORO MUNICIPAL AIRPORT

ARFF REPLACEMENT

LINDBURG DRIVE, JONESBORO, AR 72401

COOPER MIXON ARCHITECTS
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CONSTRUCTION DOCUMENTS

PROJECT NO.
2034

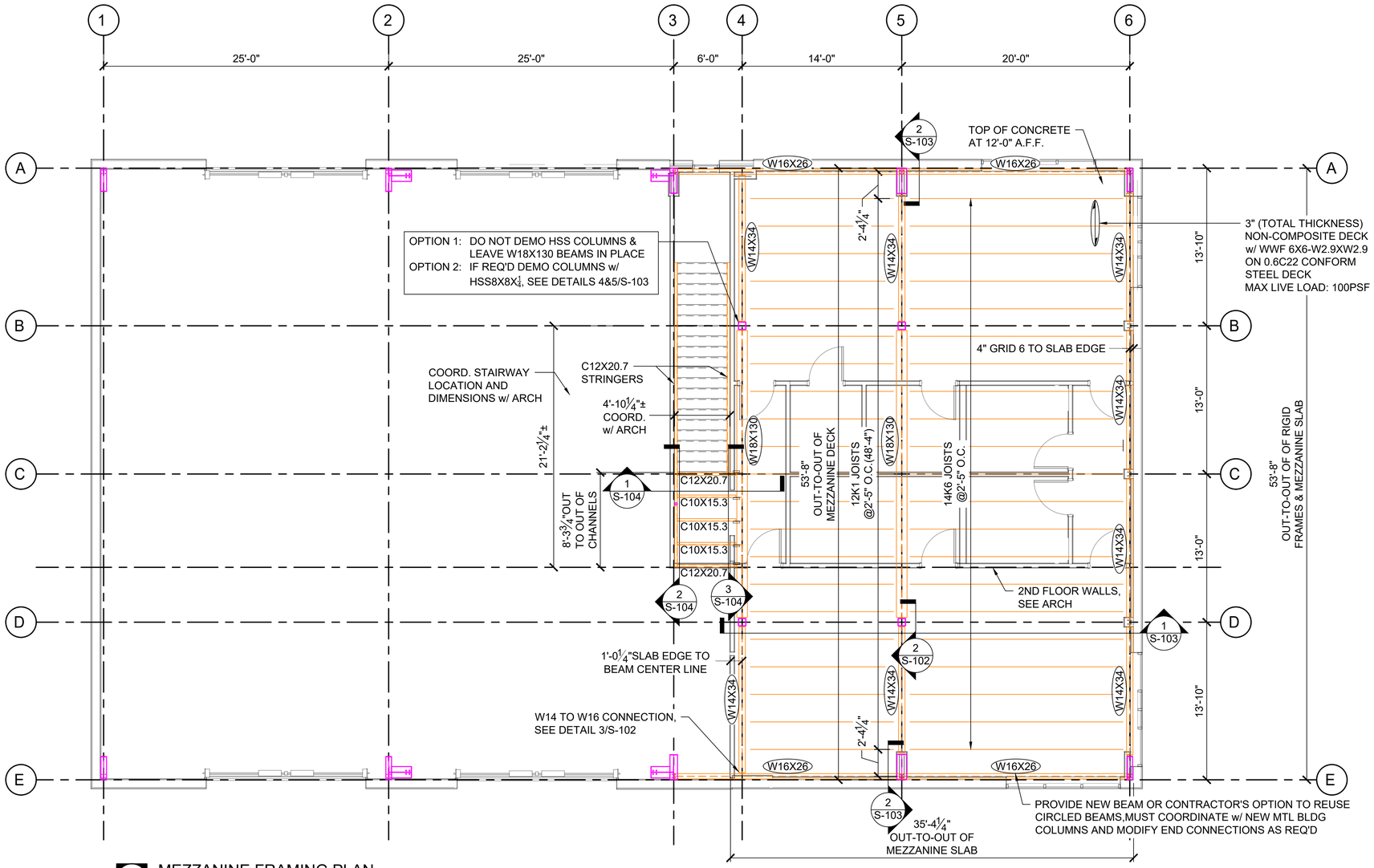
PROJECT NAME
ARFF REPLACEMENT

DATE
02-26-2021

CONTENTS
STRUCTURAL NOTES & FOUNDATION PLAN

SHEET NUMBER
S-101

2/26/2021 12:00:00PM



1 MEZZANINE FRAMING PLAN

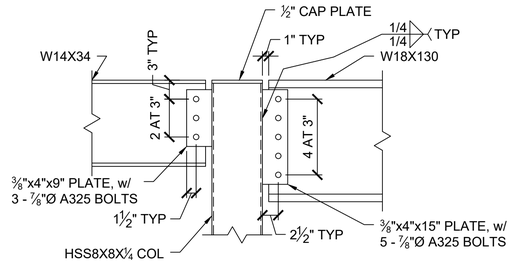
3/16" = 1'-0"

UNFACTORED MEZZANINE LOADS APPLIED TO METAL BUILDING COLUMNS

VERTICAL LOADS		
GRID	DEAD LOAD	LIVE LOAD
3A, 3E	3K	5K
5A, 5E	8K	13K
6A, 6E	5K	8K
6B, 6C, 6D	9K	18K

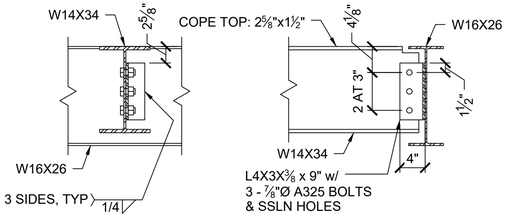
SEISMIC LOAD	
NORTH-SOUTH	EAST-WEST
GRID 3: 5K	GRID A: 17K
GRID 5: 12K	GRID B: 17K
GRID 6: 5K	

NOTE: METAL BUILDING SUPPLIER SHALL BE RESPONSIBLE FOR CALCULATING ADDITIONAL VERTICAL LOADS DUE TO SEISMIC LOADING.



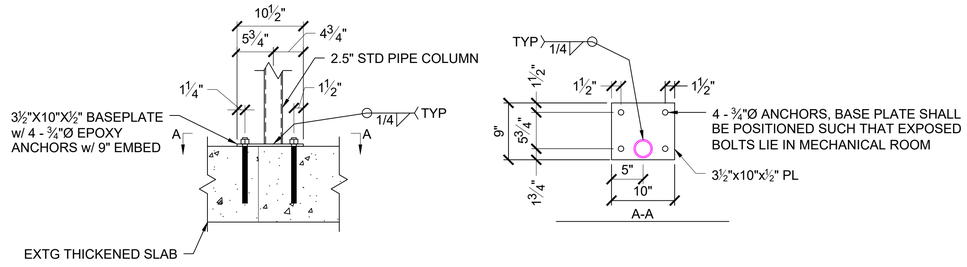
2 BEAM DETAIL AT HSS COLUMN

1" = 1'-0" 1 / S-102



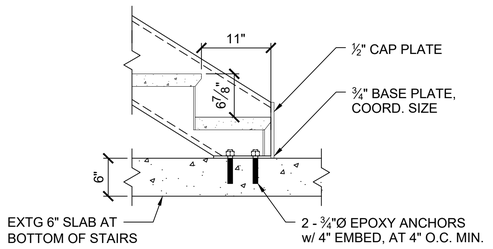
3 CONNECTION DETAIL: W14x34 TO W16x26

1" = 1'-0" 1 / S-102



4 PIPE COLUMN DETAIL AT BUILDING SLAB

1" = 1'-0" 1 / S-101



5 STRINGER DETAIL AT BUILDING SLAB

1" = 1'-0" 1 / S-101

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CONSTRUCTION DOCUMENTS

PROJECT NO.
2034

PROJECT NAME
ARFF REPLACEMENT

DATE
02-26-2021

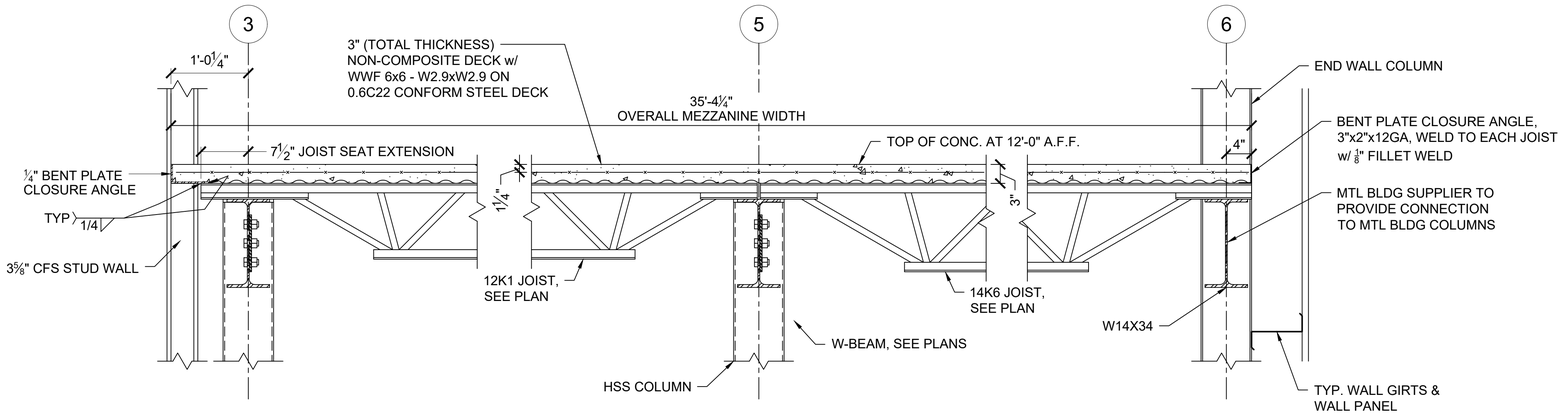
CONTENTS
MEZZANINE FRAMING PLAN & DETAILS

SHEET NUMBER
S-102

NORTH DELTA ENGINEERING
CERTIFICATE OF AUTHORIZATION NORTH DELTA ENGINEERING #3535 ARKANSAS ENGINEER
STATE OF ARKANSAS REGISTERED PROFESSIONAL ENGINEER No. 12969 JOURDAN W. LANE
2/26/2021

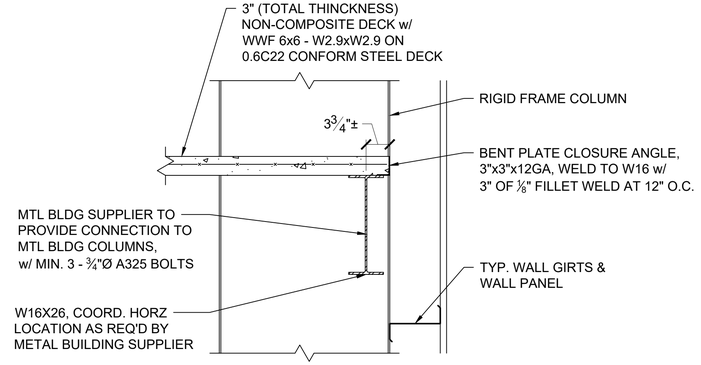
NORTH DELTA PROJECT: NDE20_143

2/26/2021 12:00:00PM



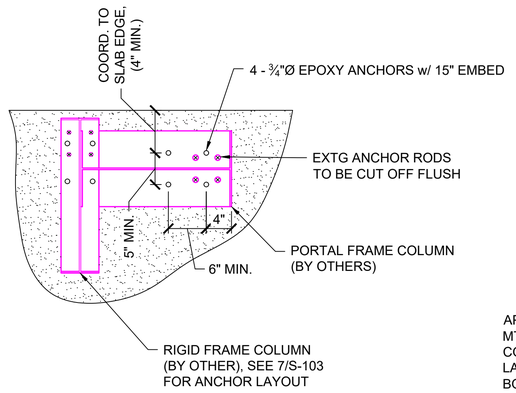
1 SECTION THRU MEZZANINE DECK

1" = 1'-0" 1 / S-102



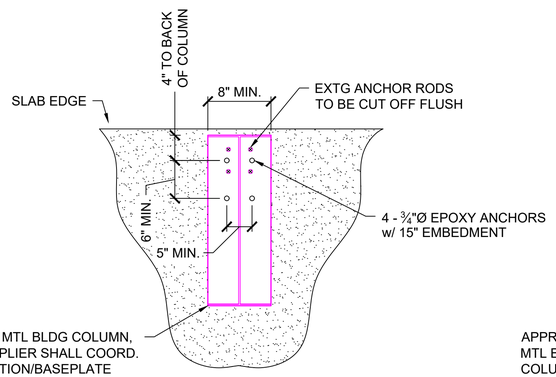
2 MEZZANINE DECK DETAIL AT RIGID FRAME COLUMN

1" = 1'-0" 1 / S-102



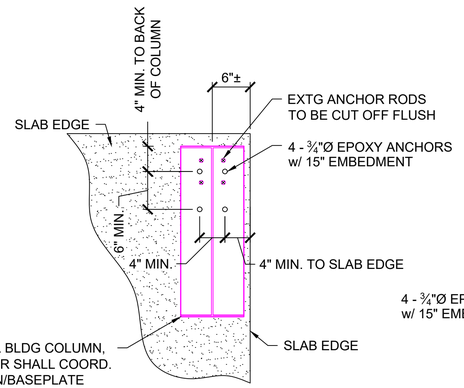
3 ANCHOR LAYOUT AT PORTAL FRAME

1" = 1'-0" 1 / S-101



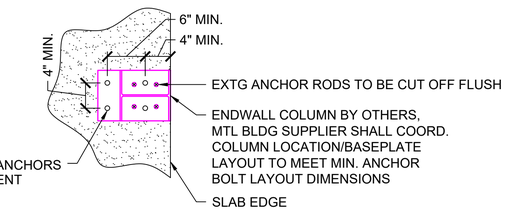
4 INTERIOR RFC ANCHOR LAYOUT

1" = 1'-0" 1 / S-101



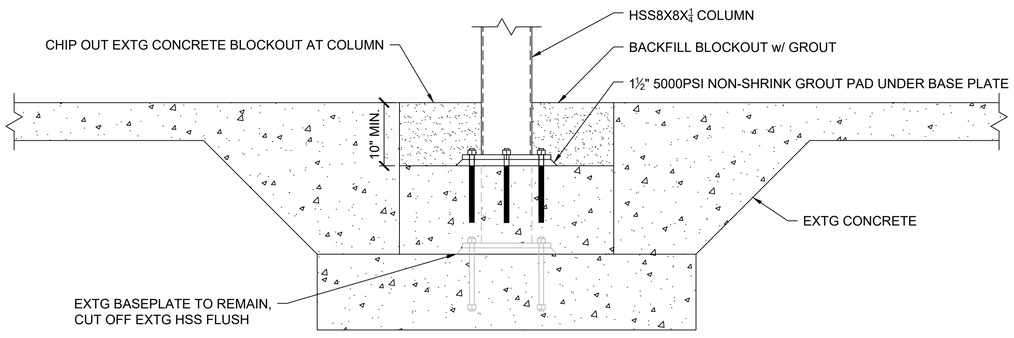
5 EXTERIOR RFC ANCHOR LAYOUT

1" = 1'-0" 1 / S-101



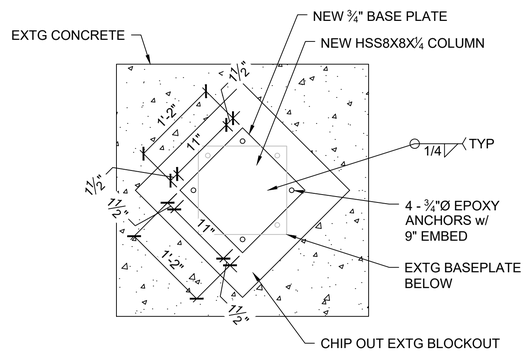
6 ENDWALL COLUMN ANCHOR LAYOUT

1" = 1'-0" 1 / S-101



7 SECTION AT HSS COLUMN BASE

1" = 1'-0" 1 / S-101



8 HSS COLUMN BASEPLATE DETAIL

1" = 1'-0" 1 / S-101

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CONSTRUCTION DOCUMENTS

PROJECT NO.
2034

PROJECT NAME
ARFF REPLACEMENT

DATE
02-26-2021

CONTENTS
STRUCTURAL DETAILS

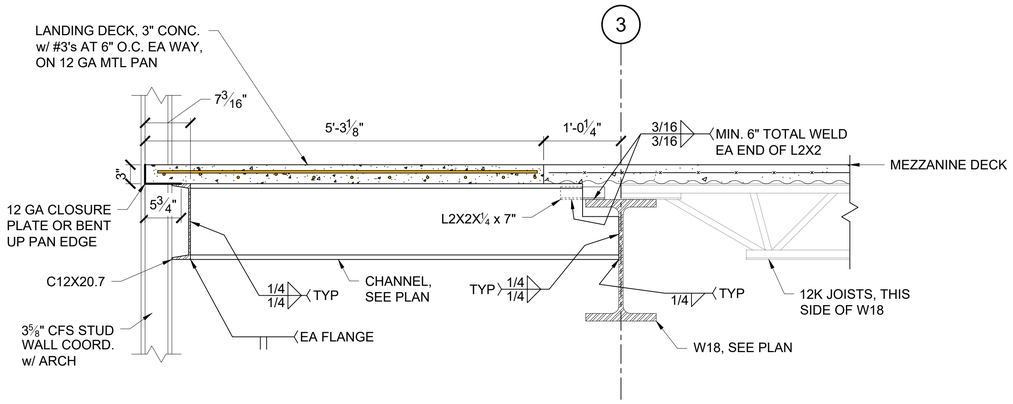
SHEET NUMBER
S-103

NORTH DELTA ENGINEERING
CERTIFICATE OF AUTHORIZATION NORTH DELTA ENGINEERING #3535 ARKANSAS-ENGINEER

STATE OF ARKANSAS REGISTERED PROFESSIONAL ENGINEER No. 12969 JORDAN W. LANE
2/26/2021

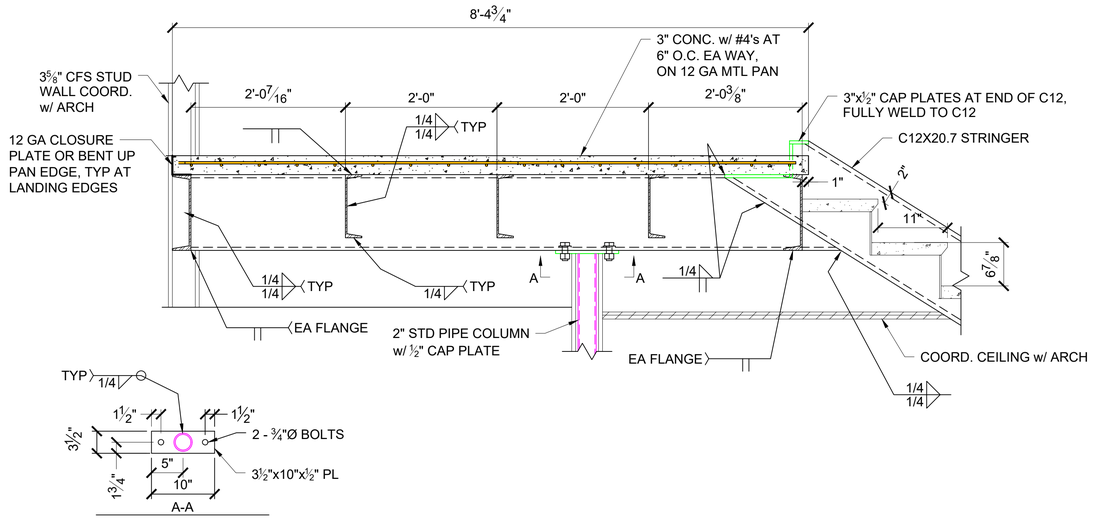
NORTH DELTA PROJECT: NDE20_143

2/26/2021 12:00:00PM



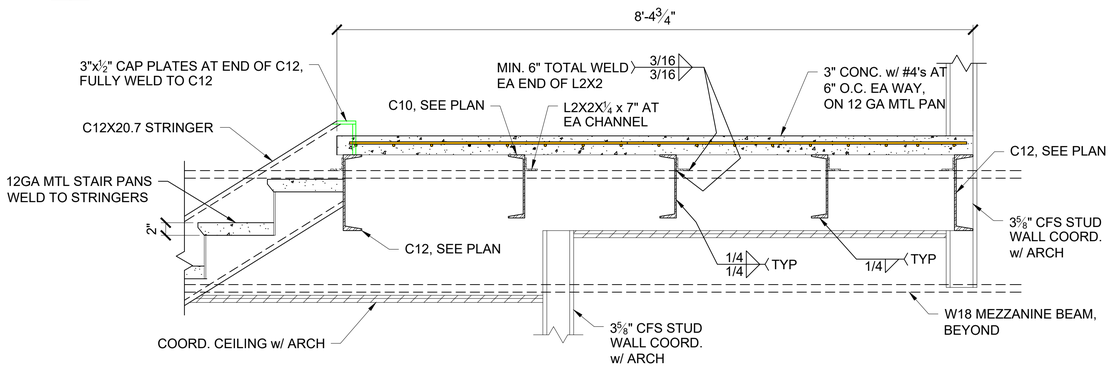
1 SECTION THRU STAIR LANDING

1" = 1'-0" 1 / S-101



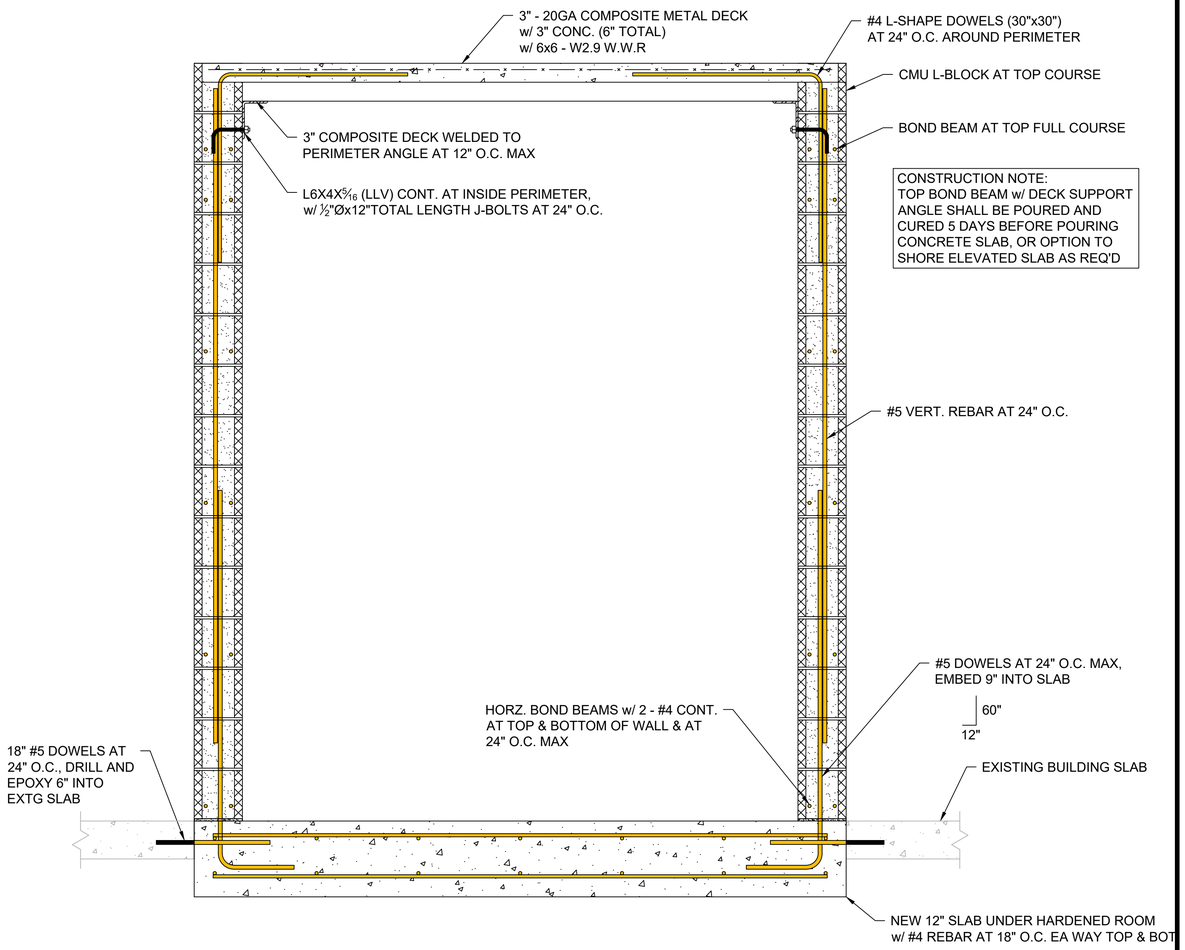
2 SECTION THRU STAIRS LOOKING AWAY FROM MEZZANINE

1" = 1'-0" 1 / S-101



3 SECTION THRU STAIRS LOOKING TOWARDS MEZZANINE

1" = 1'-0" 1 / S-101



4 SECTION THRU HARDENED STRUCTURE

1" = 1'-0" 1 / S-101

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CONSTRUCTION DOCUMENTS

PROJECT NO.
2034

PROJECT NAME
ARFF REPLACEMENT

DATE
02-26-2021

CONTENTS
STRUCTURAL DETAILS

CERTIFICATE OF AUTHORIZATION
NORTH DELTA ENGINEERING #3535
ARKANSAS ENGINEER

STATE OF ARKANSAS
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No. 12969
JORDAN W. LANE
2/26/2021

NORTH DELTA ENGINEERING
NORTH DELTA PROJECT: NDE20_143

SHEET NUMBER
S-104

2/26/2021 12:00:00PM