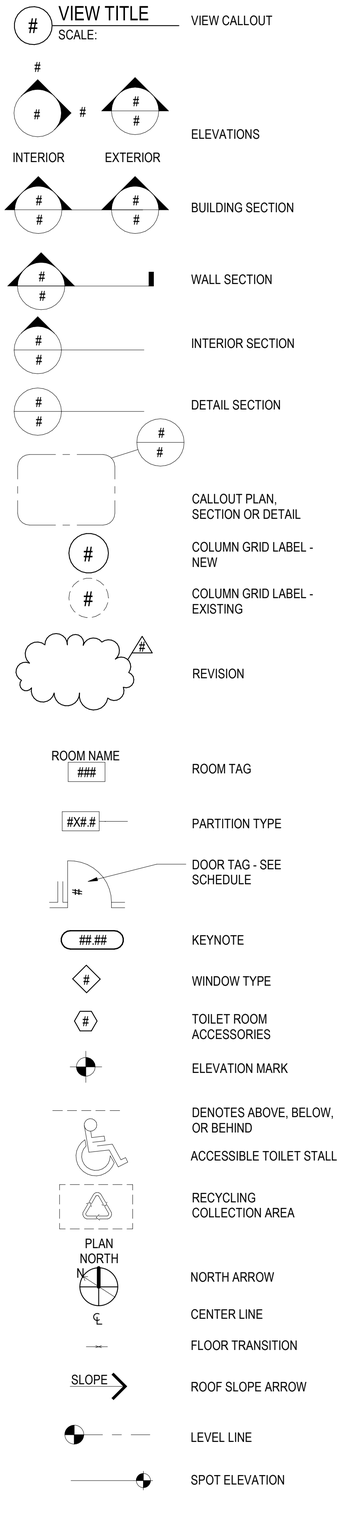
ABB	DESCRIPTION
_____ A _____	
&	AND
<	ANGLE
@	AT
A/	ABOVE
ACP	ACOUSTIC CEILING PANEL
ADJ	ADJACENT, ADJUSTABLE
AED	AUTOMATED EXTERNAL DEFIBRILLATOR
AFF	ABOVE FINISHED FLOOR
AP	ACCESS PANEL
APPROX	APPROXIMATE(LY)
ARCH	ARCHITECT OR ARCHITECTURAL
ASTM	AMERICAN SOCIETY FOR TESTING MATERIAL
ATTEN	ATTENUATE, ATTENUATION
AVG	AVERAGE
_____ B _____	
B/	BOTTOM OF
B/C	BOTTOM OF CURB
BC	BASE CABINET
BD	BOARD
BIT	BITUMINOUS
BLDG	BUILDING
BSMT	BASEMENT
_____ C _____	
[	CHANNEL
C/	CENTER OF
CAB	CABINET
CC	CENTER TO CENTER
CG	CORNER GUARD
CJ	CORNER JOINT
CL	CENTER LINE
CLG	CEILING
CLG HT	CEILING HEIGHT
CLO	CLOSET
CLR	CLEAR
CMU	CONCRETE MASONRY UNIT
CO	CLEAN OUT
COL	COLUMN
CONC	CONCRETE
CONT	CONTINUOUS
CORR	CORRIDOR
CP	COPIER
CT	CERAMIC TILE
CY	CUBIC YARD
_____ D _____	
DF	DRINKING FOUNTAIN
DIA	DIAMETER
DIM	DIMENSION
DN	DOWN
DW	DISHWASHER
DWG	DRAWING
_____ E _____	
E	EAST
EA	EACH
EB	EDGE BANDING
EIFS	EXTERIOR INSULATION FINISH SYSTEM
EJ	EXPANSION JOINT
ELEC	ELECTRICAL
ELEV	ELEVATOR
EMER	EMERGENCY
ENCL	ENCLOSE(URE)
EP	ELECTRICAL PANEL
EQ	EQUAL
EQUIP	EQUIPMENT
EWC	ELECTRIC WATER COOLER
EXIST	EXISTING
EXP BLT	EXPANSION BOLT
EXT	EXTERIOR
_____ F _____	
<	FABRIC
F/F	FACE TO FACE
FAX	FACSIMILE
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET
FHC	FIRE HOSE CABINET
FL	FLOOR
FL CO	FLOOR CLEANOUT
FP	FIRE PROTECTION
FPRF	FIREPROOF(ING)
FR	FIRE RATED OR FRAME
FT	FOOT/FEET
_____ G _____	

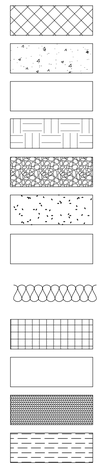
ABB	DESCRIPTION
GA	GAUGE
GL	GLASS OR GLAZING
GRD	GROUND
GWB	GYPSUM WALL BOARD
_____ H _____	
HB	HOSE BIBB
HC	HANDICAP(PED)
HDW	HARDWARE
HM	HOLLOW METAL
HOR	HORIZONTAL
HP	HIGH POINT
HTR	HEATER
_____ I _____	
ID	INSIDE DIAMETER
IN	INCH(ES)
INT	INTERIOR
_____ J _____	
JB	JAMB
JST	JOIST
JT	JOINT
_____ L _____	
LAM	LAMINATE
LAN	LOCAL AREA NETWORK CONNECTION
LAV	LAVATORY
LB	POUND
LF	LINEAL FOOT
LP	LOW POINT
LTL	LINTEL
_____ M _____	
m	METERS
MAS	MASONRY
MAX	MAXIMUM
MDF	MEDIUM DENSITY FIBERBOARD
MECH	MECHANICAL
MEZZ	MEZZANINE
MFR	MANUFACTURE
MH	MANHOLE
MICRO	MICROWAVE
MIN	MINIMUM
MISC	MISCELLANEOUS
mm	MILLIMETERS
MO	MASONRY OPENING
MTD	MOUNTED EL
MTL	METAL
_____ N _____	
N	NORTH
NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
NIC	NOT IN CONTRACT
NOM	NOMINAL
NTS	NOT TO SCALE
_____ O _____	
OC	ON CENTER
OD	OUTSIDE DIAMETER
OFF	OFFICE
OPNG	OPENING
OPP	OPPOSITE
_____ P _____	
PART	PARTITION
PEMB	PREENGINEERED METAL BUILDING
PL	PLATE
PLAM	PLASTIC LAMINATE
PLAS	PLASTER
PLYWD	PLYWOOD
PNL	PANEL
POS	POINT OF SALE
PR	PAIR
PRCST	PRECAST
PREFAB	PREFABRICATED
PROP	PROPERTY
PSI	POUNDS PER SQUARE INCH
PSIG	POUNDS PER SQUARE INCH GAUGE
PT	POINT
PTD	PAINTED
_____ Q _____	
QTY	QUANTITY
_____ R _____	
R	RISER OR RADIUS
RCP	REFLECTED CEILING PLAN
RD	ROOF DRAIN
REF	REFER / REFERENCE
REG	REGISTER
REINF	REINFORCING

ABB	DESCRIPTION
REQ'D	REQUIRED
RFG	REFRIGERATOR
RG	RANGE
RM	ROOM
RO	ROUGH OPENING
RTS	RUBBER TRANSITION STRIP
RWC	RAIN WATER CONDUCTOR
_____ S _____	
S	SOUTH
SAN	SANITARY
SCHD	SCHEDULE
SEC	SECTION
SF	SQUARE FOOT
SIM	SIMILAR
SPKLR	SPRINKLER
SQ	SQUARE
SQ FT	SQUARE FOOT
SS	STAINLESS STEEL
STD	STANDARD
STL	STEEL
STN	STAINED
STOR	STORAGE
SUSP	SUSPEND, SUSPENDED, OR SUSPENSION
SYS	SYSTEM
_____ T _____	
"T"	TEE (BAR OR W)
T	TREAD
T/	TOP OF
T/C	TOP OF CURB
TB	TACKBOARD
TC	TERRA COTTA
TEL	TELEPHONE
TEMP	TEMPERED OR TEMPERATURE
TERM	TERMINATE / TERMINAL
THRESH	THRESHOLD
TLT	TOILET
TV	TELEVISION
TYP	TYPICAL
_____ U _____	
UH	UNIT HEATER
UL	UNDERWRITER'S LABORATORY
UMCT	UNGLAZED MOSAIC CERAMIC TILE
UNO	UNLESS NOTED OTHERWISE
_____ V _____	
VEST	VESTIBULE
VIF	VERIFY IN FIELD
_____ W _____	
W	WEST
W/	WITH
W/O	WITHOUT
WC	WATER CLOSET
WIN	WINDOW
WP	WATERPROOF(ING)
WSCT	WAINSCOT
WT	WEIGHT
WWF	WELDED WIRE REINFORCEMENT

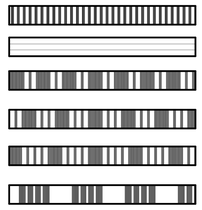
SYMBOLS



SECTIONS/ SECTIONAL DETAILS

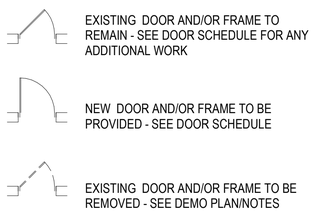


PLANS/ PLAN FIRE RATED GRAPHICS



PLANS / PLAN DETAIL GRAPHICS

DOOR DESIGNATIONS



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

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SEAL
02/05/2021

REVISIONS

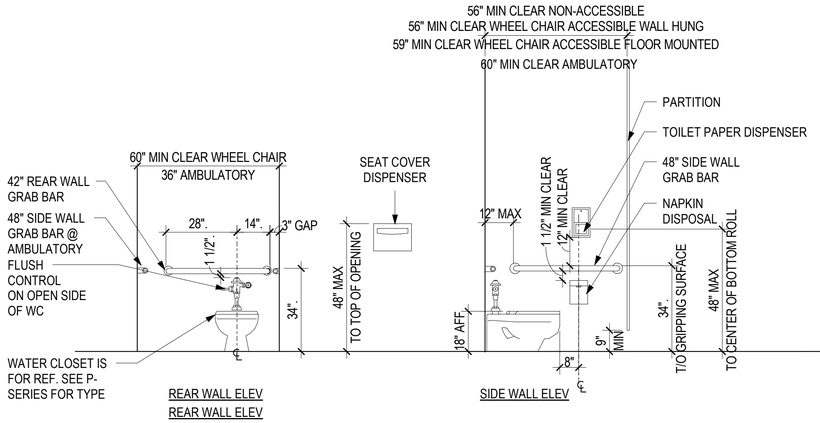
NO.	DATE	DESCRIPTION

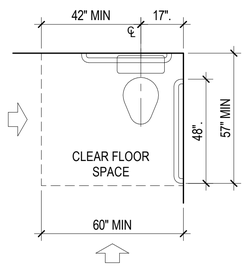
HANGAR REPLACEMENT
3901 LINDBERGH DRIVE
JONESBORO, AR 72401

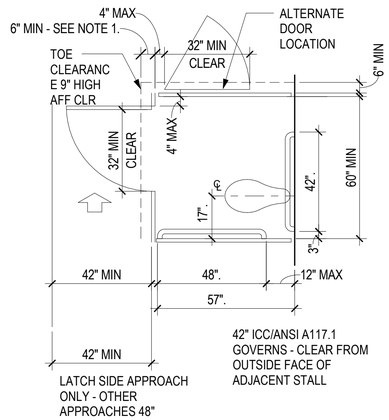
ARCHITECTURAL GENERAL NOTES, MATERIAL AND ANNOTATION LEGEND

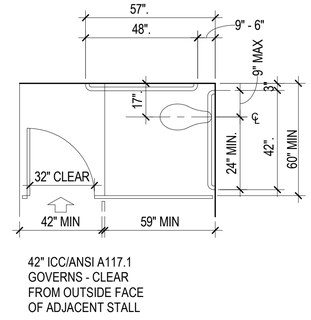
Project Number: 181261
Date: 02-05-2021
Scale: AS NOTED
Sheet # A-001

CONSTRUCTION SET





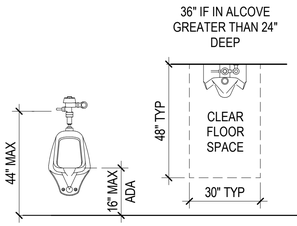




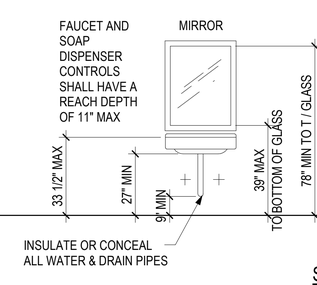
1. TOE CLEARANCE AT THE FRONT OF THE PARTITION IS NOT REQUIRED IN A COMPARTMENT GREATER THAN 62" DEEP WITH A WALL-HUNG WATER CLOSET OR 65" DEEP WITH A FLOOR-MOUNTED WATER CLOSET. TOE CLEARANCE AT THE SIDE IS NOT REQUIRED IN A COMPARTMENT GREATER THAN 66" WIDE.
2. WHERE 6 OR MORE STALLS ARE PROVIDED, 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.

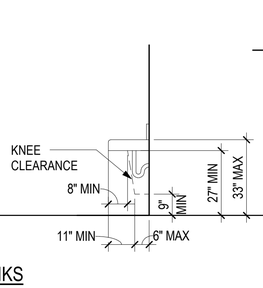
TOILET STALLS

TOILET ROOMS WITH STALLS

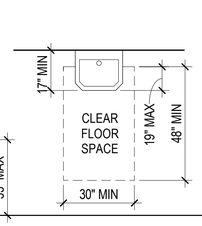


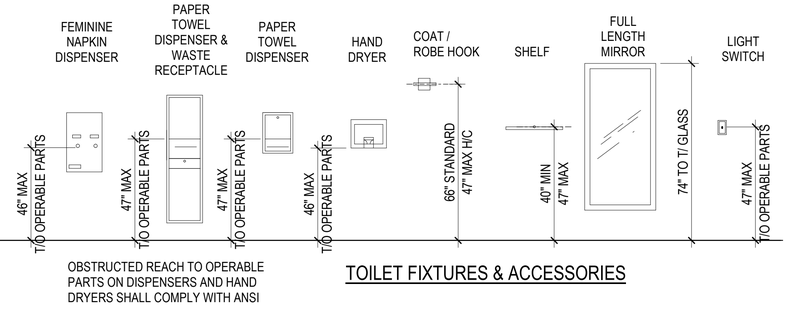
URINAL





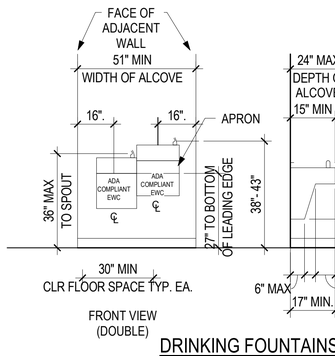
SINKS



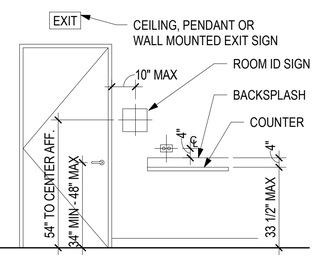


OBSTRUCTED REACH TO OPERABLE PARTS ON DISPENSERS AND HAND DRYERS SHALL COMPLY WITH ANSI

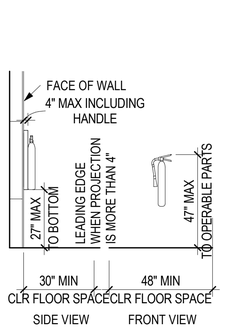
TOILET FIXTURES & ACCESSORIES



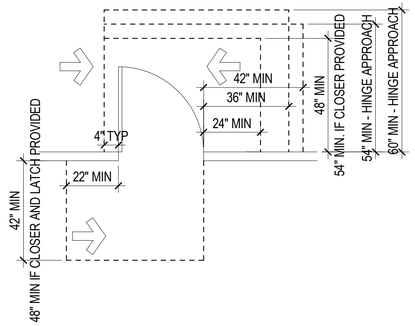
DRINKING FOUNTAINS

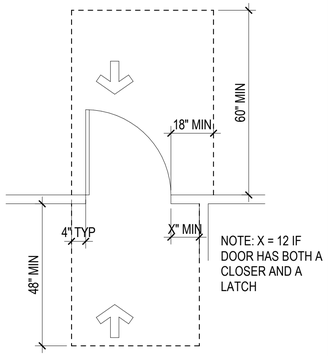


SIGNS & COUNTERS



FIRE EXTINGUISHER





DOOR CLEARANCES

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SEAL
02/05/2021

NO.	DATE	DESCRIPTION

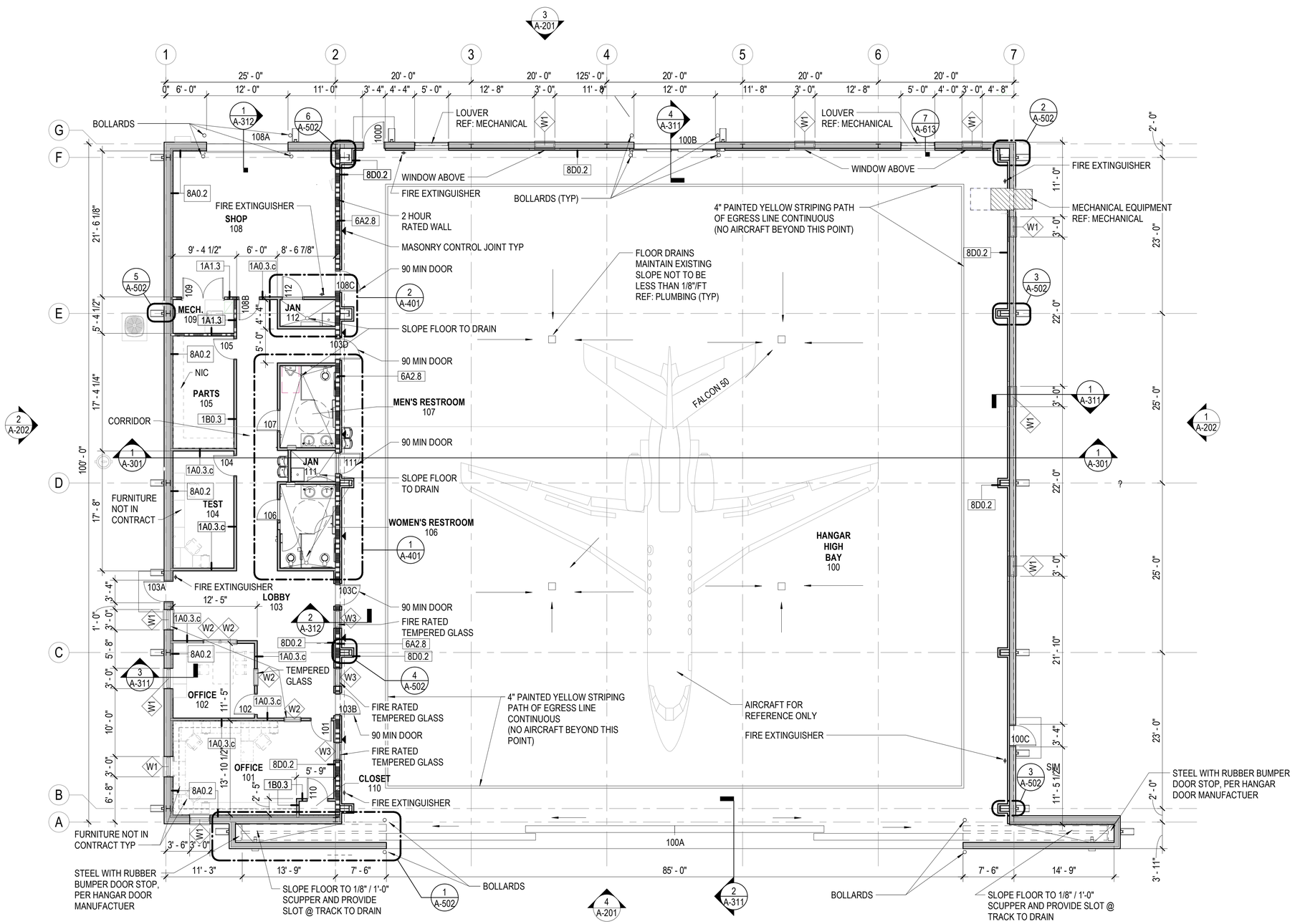
REVISIONS

HANGAR REPLACEMENT
3901 LINDBERGH DRIVE
JONESBORO, AR 72401

TYPICAL ADA DETAILS

Project Number: 181261
Date: 02-05-2021
Scale: AS NOTED
Sheet # A-002

CONSTRUCTION SET



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

FLOOR PLAN - NOTES

1. REFER TO SHEET A-001 FOR ARCHITECTURAL GENERAL NOTES, & ANNOTATION LEGEND.
2. REFER TO A-400 SERIES ENLARGED PLANS AND INTERIOR ELEVATIONS FOR ADDITIONAL INFORMATION.
3. REFER TO SHEET A-601 FOR PARTITION TYPES
4. REFER TO SHEET A-602 FOR SIGN TYPES, DETAILS, AND SHEDULE
5. RESTROOM WALLS AND CEILINGS TO RECEIVE SOUND BATT INSULATION
6. REFER TO MECHANICAL, ELECTRICAL, PLUMBING, AND FIRE PROTECTION SHEETS FOR EQUIPMENT LOCATIONS AND REQUIREMENTS.
7. DIMENSIONS MARKED AS "CLEAR" DICTATES THE CLEAR DIMENSION FROM FINISH TO FINISH
8. WHERE FIRE RATED PARTITIONS INTERSECT WITH LESSER RATED PARTITIONS OR NON-RATED PARTITIONS, THE HIGHER RATED PARTITION IS TO CONTINUE THROUGH THE INTERSECTION TO MAINTAIN THE HIGHER RATING

LEGEND

◀ MASONRY CONTROL JOINTS 15'-0" O.C. SEALED WITH FIRE SEALANT

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		REVISIONS

HANGAR REPLACEMENT
3901 LINDBERGH DRIVE
JONESBORO, AR 72401

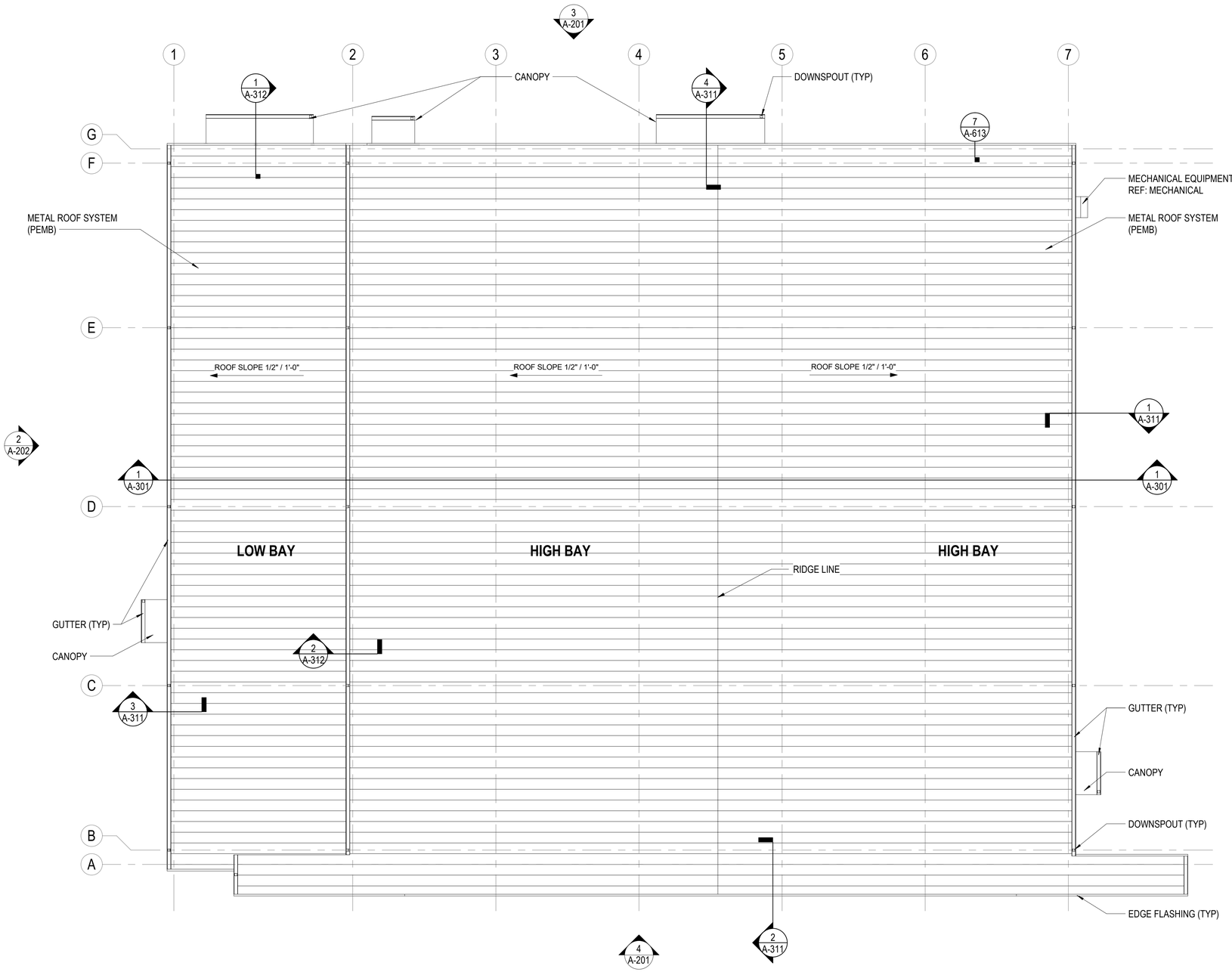
FLOOR PLAN

Project Number: 181261
Date: 02-05-2021
Scale: AS NOTED
Sheet # A-110

CONSTRUCTION SET

PLAN NORTH

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



1 ROOF PLAN (PRE ENGINEERED METAL BUILDING)

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

PLAN NORTH

0 4' - 0" 8' - 0" 16' - 0"

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

ROOF PLAN - NOTES

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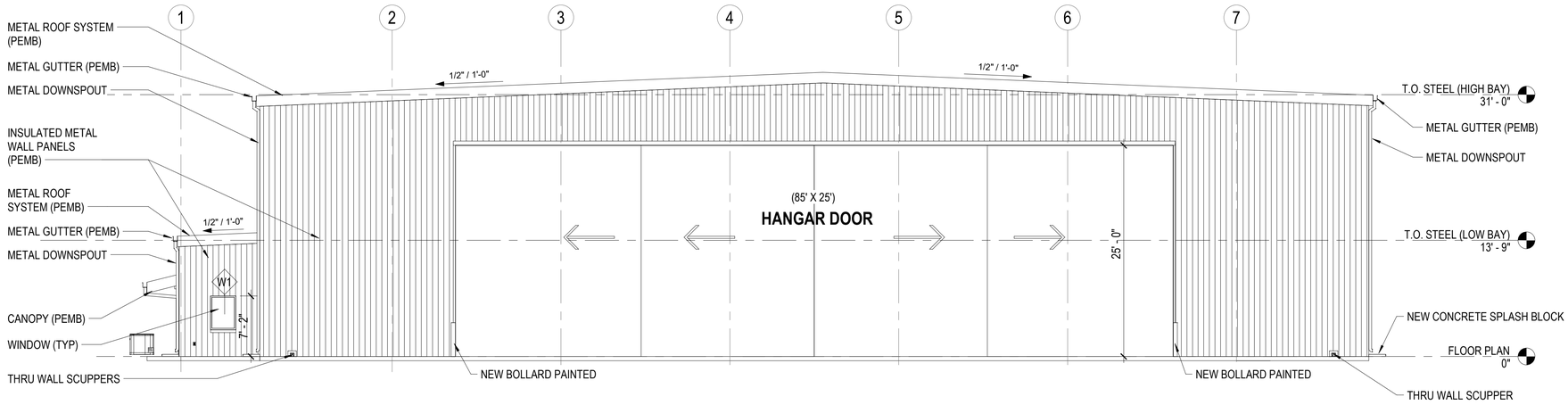
HANGAR REPLACEMENT
3901 LINDBERGH DRIVE
JONESBORO, AR 72401

ROOF PLAN

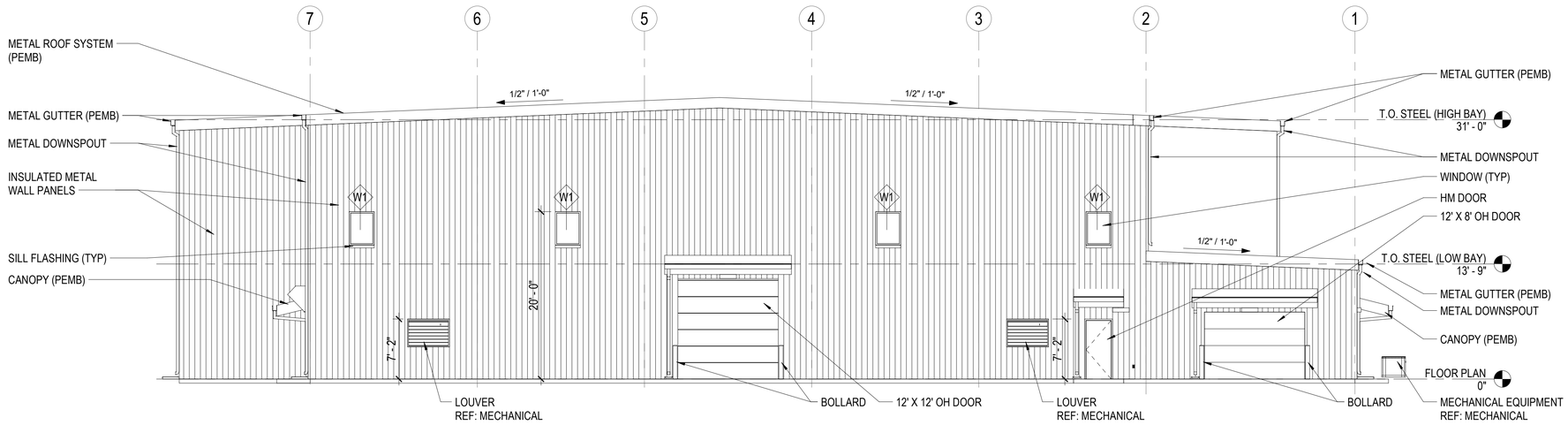
Project Number: 181261
Date: 02-05-2021
Scale: AS NOTED
Sheet # A-130

CONSTRUCTION SET



4 SOUTH ELEVATION

SCALE: 1/8" = 1'-0" REF: A-110



3 NORTH ELEVATION

SCALE: 1/8" = 1'-0" REF: A-110

0 4' - 0" 8' - 0" 16' - 0"

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

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License Number 9883
STATE OF ARKANSAS
SEAL
02/05/2021

NO.	DATE	DESCRIPTION

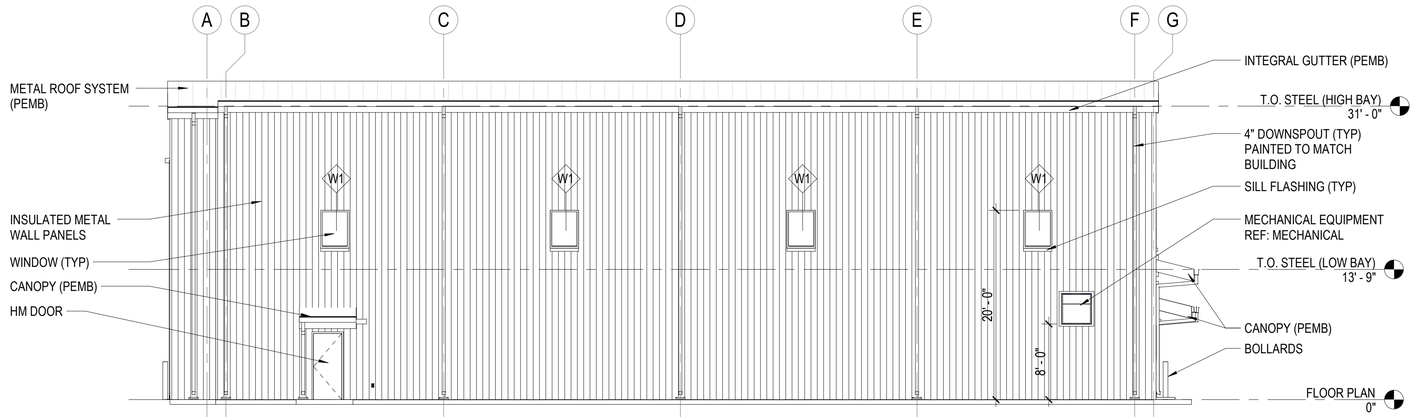
REVISIONS

HANGAR REPLACEMENT
3901 LINDBERGH DRIVE
JONESBORO, AR 72401

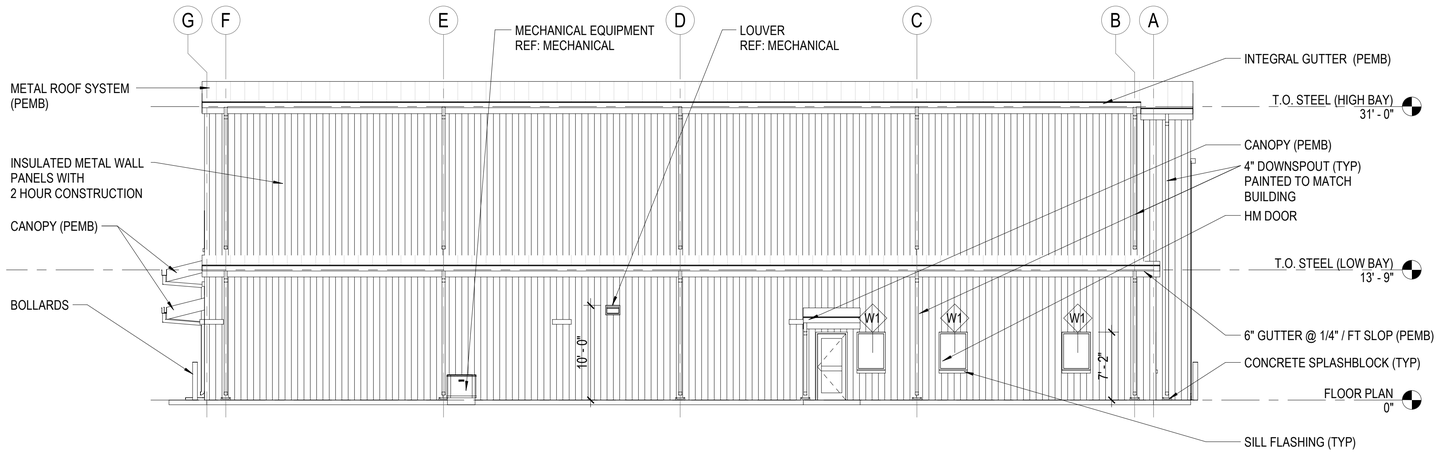
EXTERIOR ELEVATIONS

Project Number: 181261
Date: 02-05-2021
Scale: AS NOTED
Sheet # A-201

CONSTRUCTION SET



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



2 WEST ELEVATION
SCALE: 1/8" = 1'-0"

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

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02/05/2021

NO.	DATE	DESCRIPTION

REVISIONS

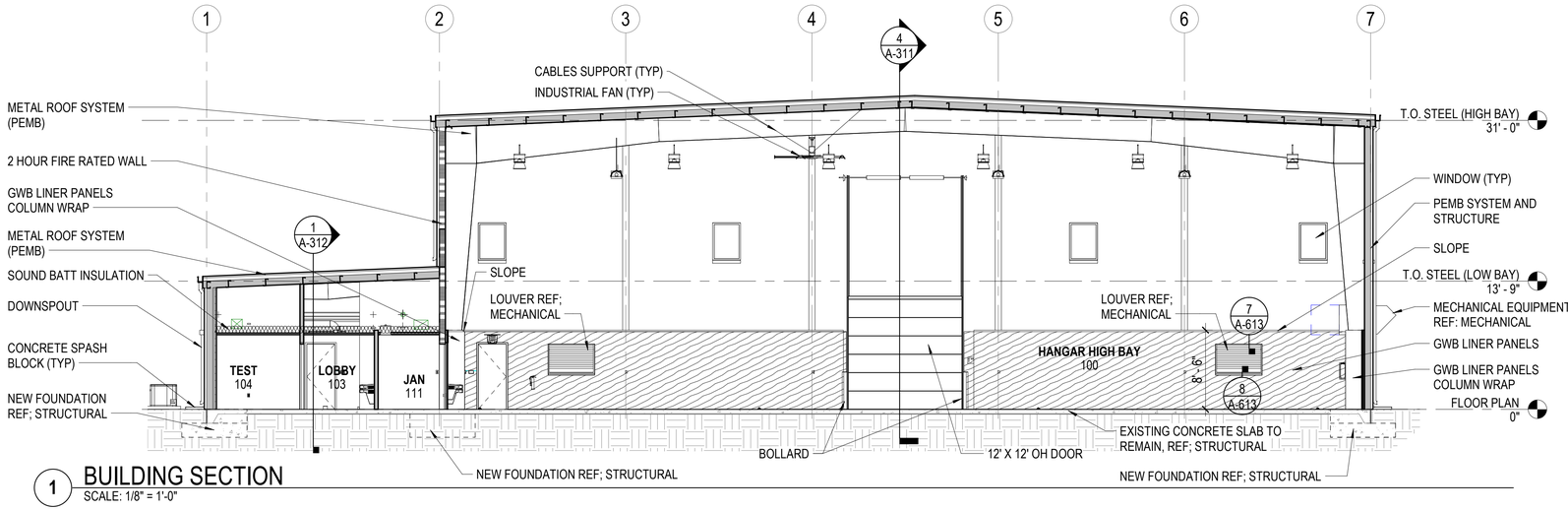
HANGAR REPLACEMENT
3901 LINDBERGH DRIVE
JONESBORO, AR 72401

EXTERIOR ELEVATIONS

Project Number: 181261
Date: 02-05-2021
Scale: AS NOTED
Sheet # A-202

CONSTRUCTION SET

KEYNOTES



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

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

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SEAL 02/05/2021

REVISIONS

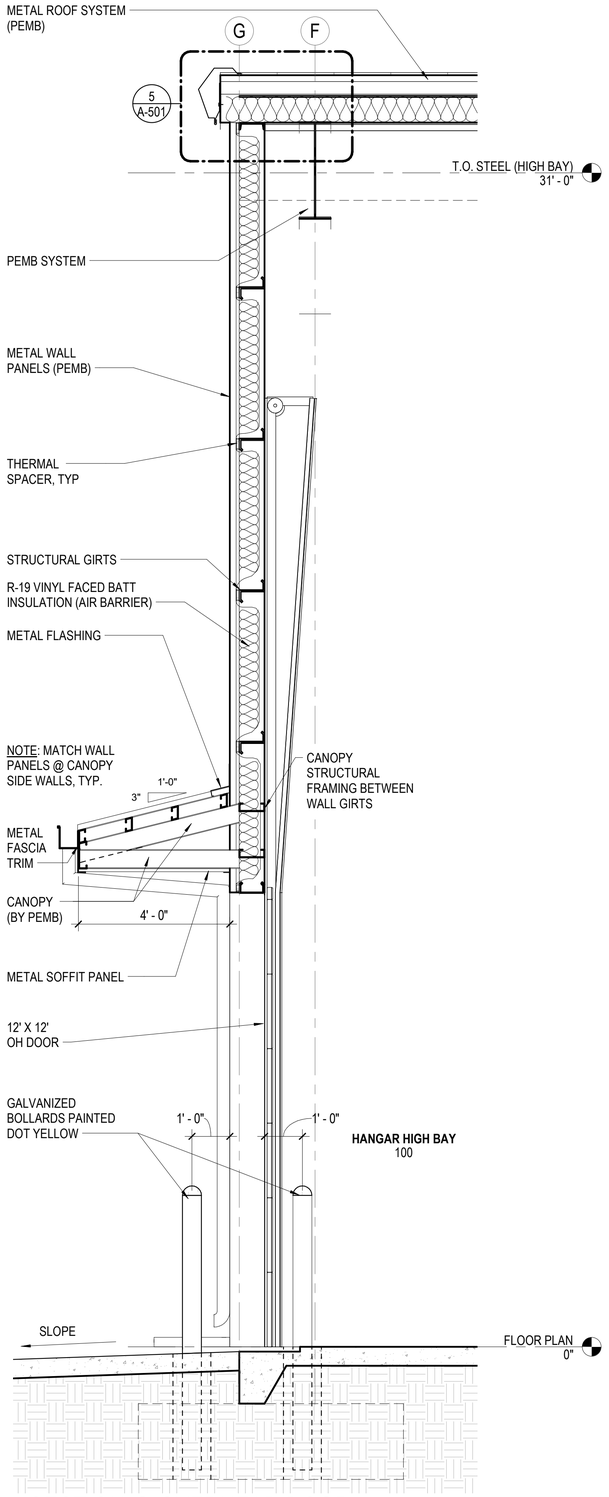
NO.	DATE	DESCRIPTION

HANGAR REPLACEMENT
3901 LINDBERGH DRIVE
JONESBORO, AR 72401

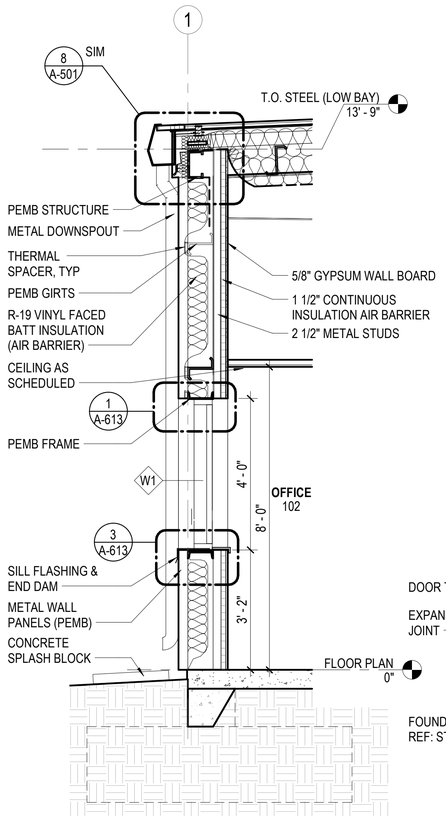
BUILDING SECTIONS

Project Number: 181261
Date: 02-05-2021
Scale: AS NOTED
Sheet # A-301

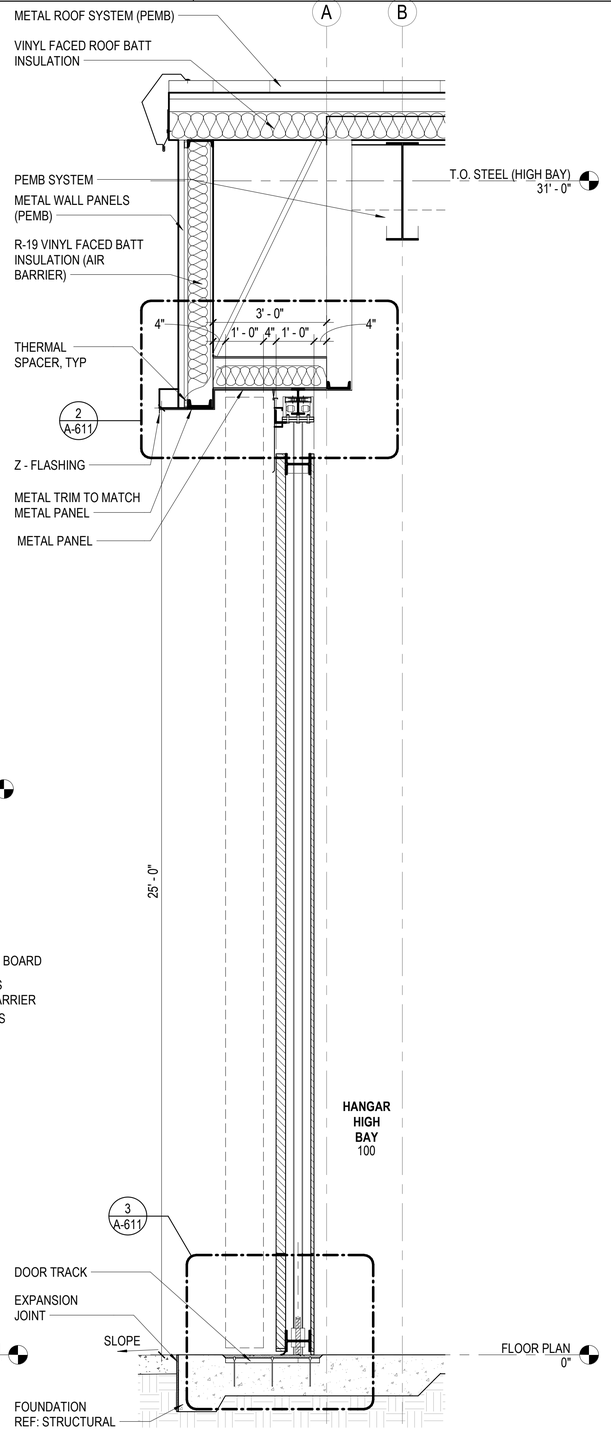
CONSTRUCTION SET



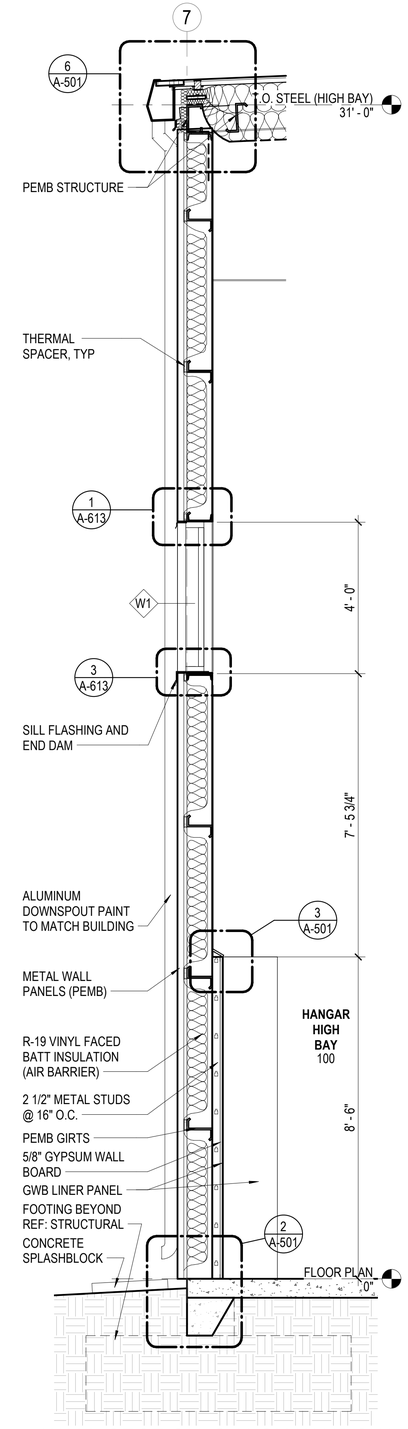
4 SECTION @ OVERHEAD DOOR
SCALE: 1/2" = 1'-0"



3 WALL SECTION @ LOW BAY
SCALE: 1/2" = 1'-0"



2 WALL SECTION @ HANGAR DOOR
SCALE: 1/2" = 1'-0"



1 WALL SECTION @ HIGH WINDOW
SCALE: 1/2" = 1'-0"

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

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02/05/2021

NO.	DATE	DESCRIPTION

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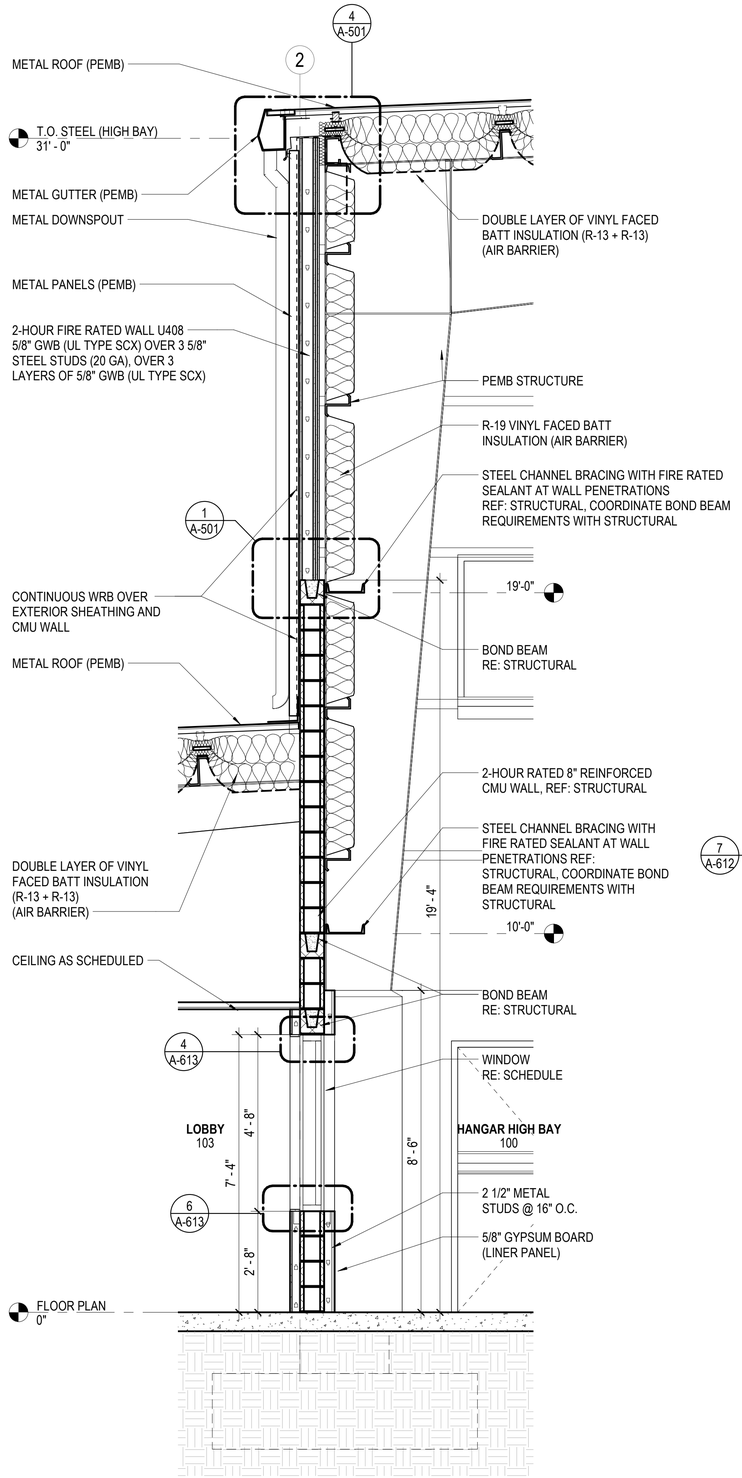
HANGAR REPLACEMENT
3901 LINDBERGH DRIVE
JONESBORO, AR 72401

WALL SECTIONS

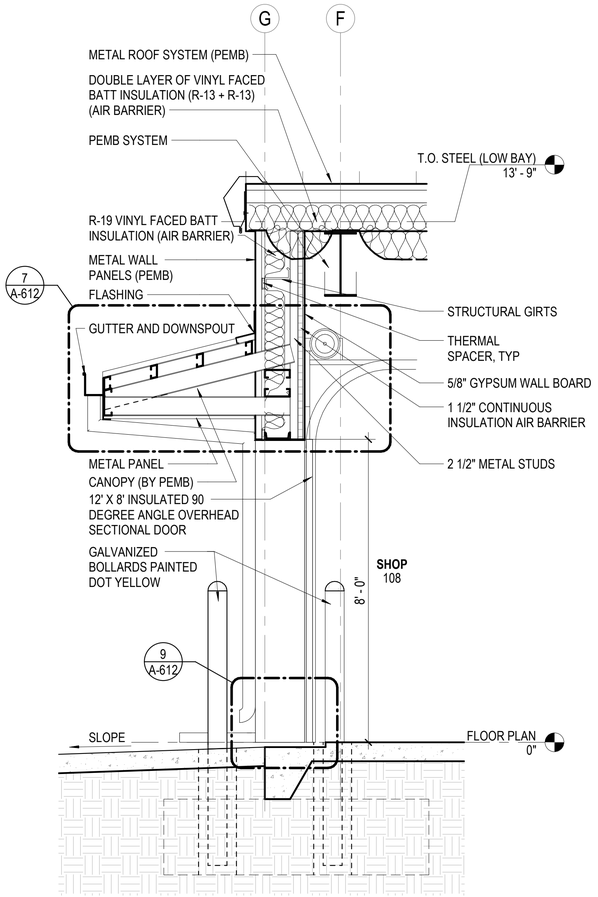
Project Number: 181261
Date: 02-05-2021
Scale: AS NOTED
Sheet # A-311

CONSTRUCTION SET



2 WALL SECTION @ 2-HOUR RATED WALL

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



1 WALL SECTION AT OH DOOR

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

0 1' - 0" 2' - 0" 4' - 0"

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

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NO.	DATE	DESCRIPTION

REVISIONS

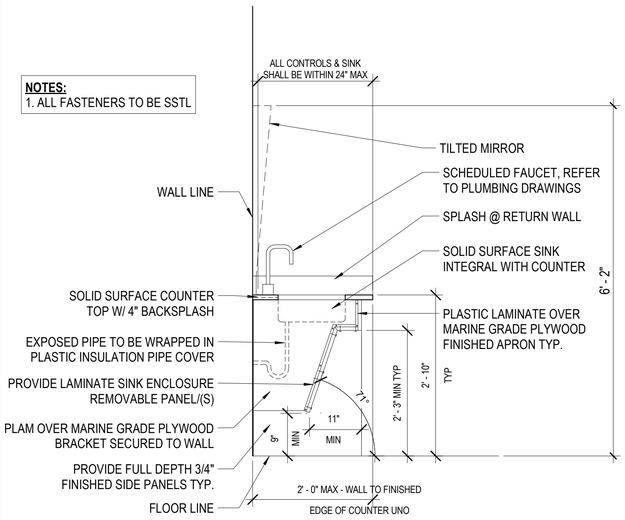
HANGAR REPLACEMENT
3901 LINDBERGH DRIVE
JONESBORO, AR 72401

WALL SECTIONS

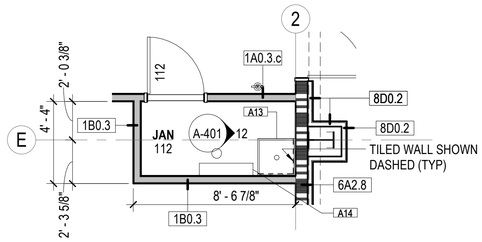
Project Number: 181261
Date: 02-05-2021
Scale: AS NOTED
Sheet # A-312

CONSTRUCTION SET

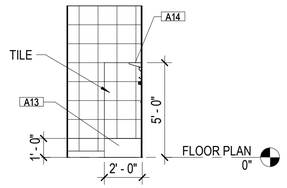
TOILET ACCESSORIES	
A01	SOLID SURFACE SINK
A02	FRAMED GLASS TILTED MIRROR
A03	SOAP DISPENSER
A04	SOLID SURFACE COUNTERTOP
A05	COMBINATION PAPER TOWEL DISPENSER/WASTE RECEPTACLE
A06	TOILET PARTITION W/ SSTL BOOT & MOUNTING HARDWARE
A07	COAT HOOK
A08-A	COMBINATION UNIT: TOILET TISSUE (2-ROLL) DISPENSER AND SEAT COVER DISPENSER
A08-B	COMBINATION UNIT: TOILET TISSUE (2-ROLL) DISPENSER AND SEAT COVER DISPENSER WITH NAPKING DISPOSAL
A09	BABY CHANGING STATION
A10	ADA FLOOR MOUNTED TOILET
A11	FLOOR MOUNTED TOILET
A12	ADA URINAL
A13	MOP SINK
A14	MOP RACK & UTILITY SHELF
A15	DOOR BUMPER
A16	SANITARY NAPKIN VENDOR
A17	ADA APRON
A18	HAND SANITIZER
A19	GRAB BAR
A20	WATER DRINKING FOUNTAINS (HI/LO)



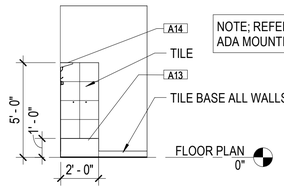
13 SECTION @ ADA SINK TYP
SCALE: 3/4" = 1'-0"



2 JANITOR ENLARGED PLAN
SCALE: 1/4" = 1'-0"

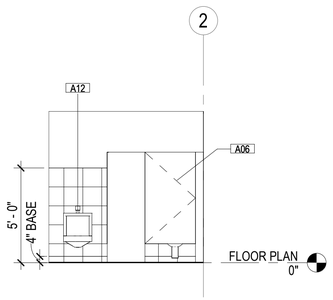


12 JAN
SCALE: 1/4" = 1'-0"

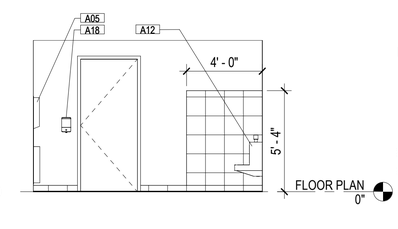


11 JAN ELEV
SCALE: 1/4" = 1'-0"

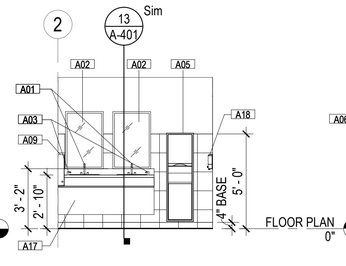
NOTE; REFER TO SHEET A-002 FOR ADDITIONAL ADA MOUNTING HEIGHTS AND DIMENSIONS



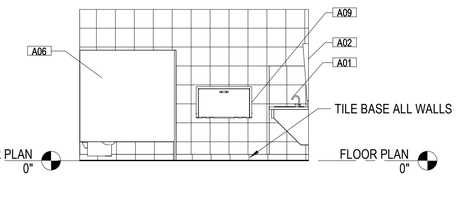
10 RR ELEV
SCALE: 1/4" = 1'-0"



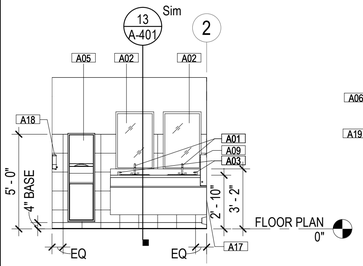
9 RR ELEV
SCALE: 1/4" = 1'-0"



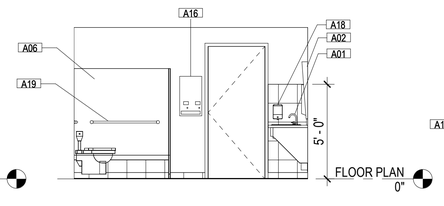
8 RR ELEV
SCALE: 1/4" = 1'-0"



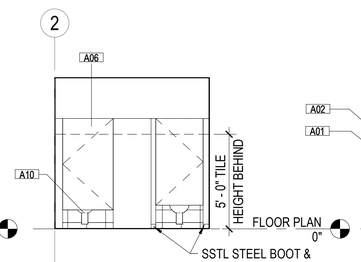
7 RR ELEV
SCALE: 1/4" = 1'-0"



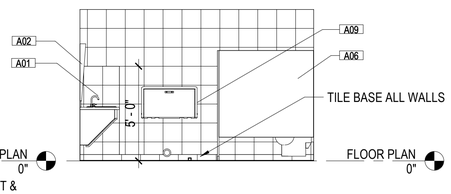
6 RR ELEV
SCALE: 1/4" = 1'-0"



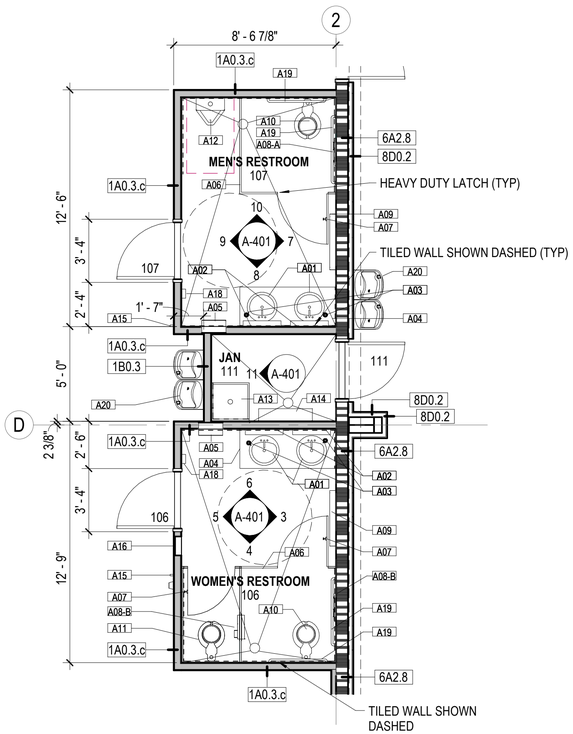
5 RR ELEV
SCALE: 1/4" = 1'-0"



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



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



1 RESTROOMS ENLARGED PLAN
SCALE: 1/4" = 1'-0"

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

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SEAL
02/05/2021

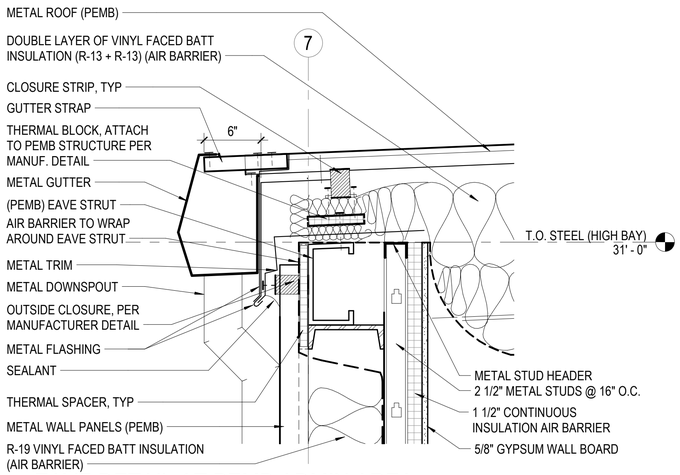
NO.	DESCRIPTION	DATE
REVISIONS		

HANGAR REPLACEMENT
3901 LINDBERGH DRIVE
JONESBORO, AR 72401

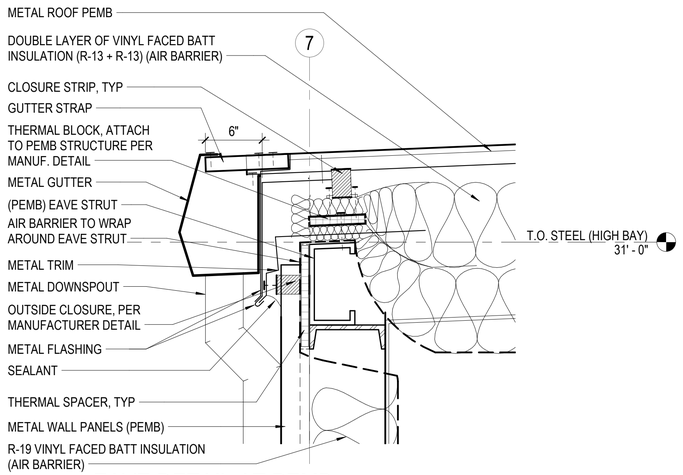
ENLARGED TOILET ROOMS

Project Number: 181261
Date: 02-05-2021
Scale: AS NOTED
Sheet # A-401

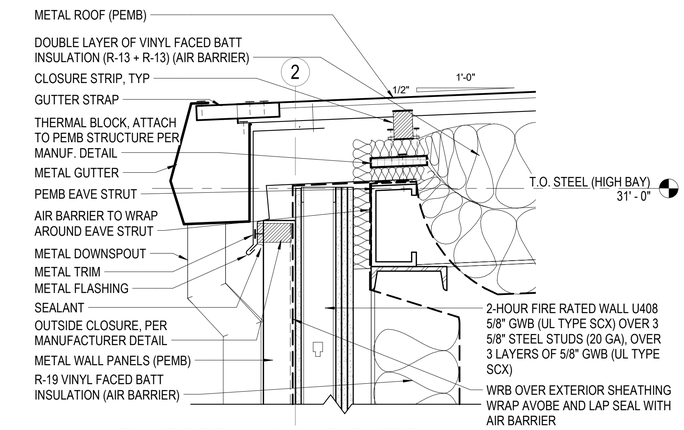
CONSTRUCTION SET



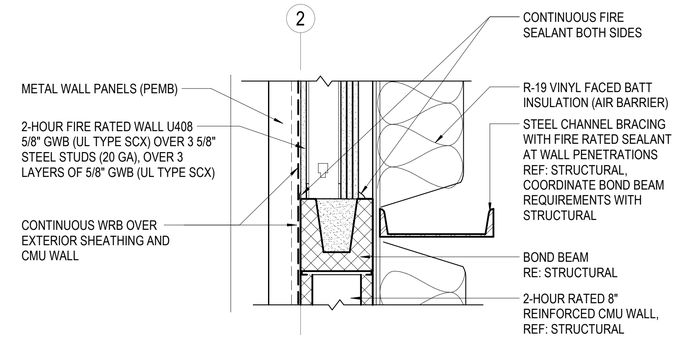
8 EAVE DETAIL AT PEMB ADMIN AREA
SCALE: 1 1/2" = 1'-0"



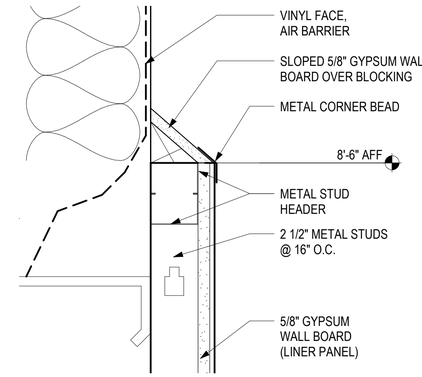
6 EAVE DETAIL AT PEMB
SCALE: 1 1/2" = 1'-0"



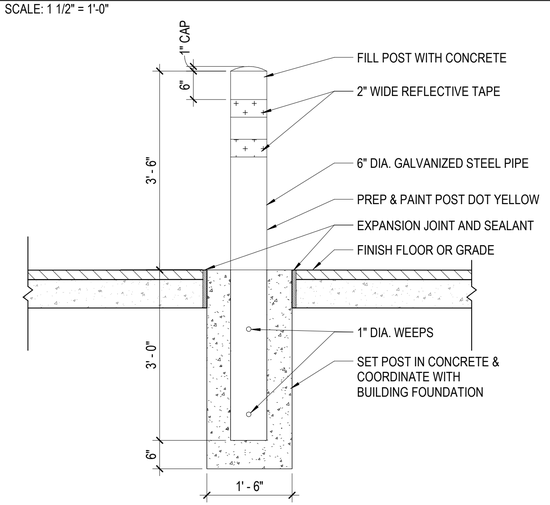
4 EAVE DETAIL @ 2-HR RATED WALL
SCALE: 1 1/2" = 1'-0"



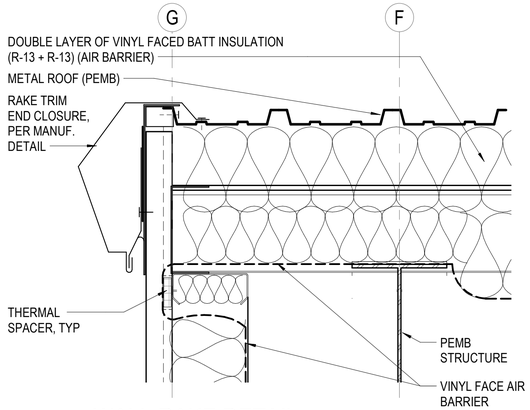
1 LOW TO HIGH ROOF TRANSITION DETAIL
SCALE: 1 1/2" = 1'-0"



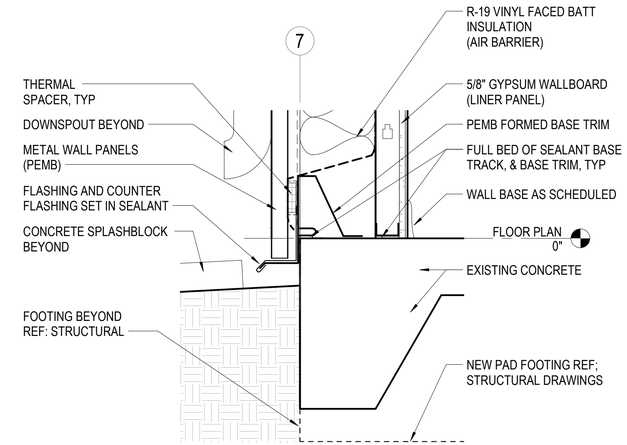
3 TOP OF LINER PANEL WALL DETAIL
SCALE: 3" = 1'-0"



7 TYPICAL PIPE BOLLARD DETAIL
SCALE: 3/4" = 1'-0"



5 WALL RAKE DETAIL
SCALE: 1 1/2" = 1'-0"



2 WALL BASE DETAIL
SCALE: 1 1/2" = 1'-0"

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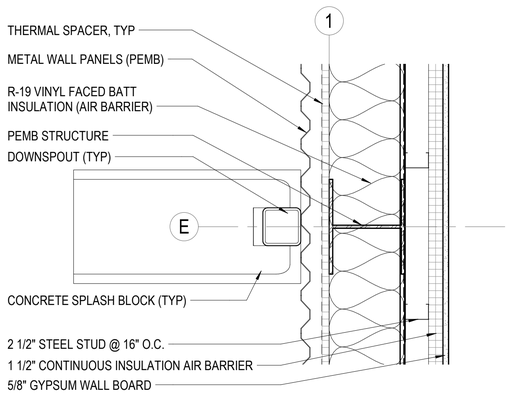
HANGAR REPLACEMENT
3901 LINDBERGH DRIVE
JONESBORO, AR 72401

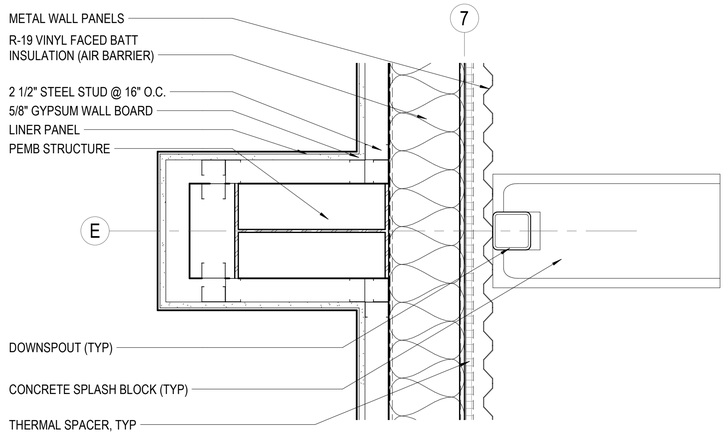
DETAIL SECTION VIEWS

Project Number: 181261
Date: 02-05-2021
Scale: AS NOTED
Sheet # A-501

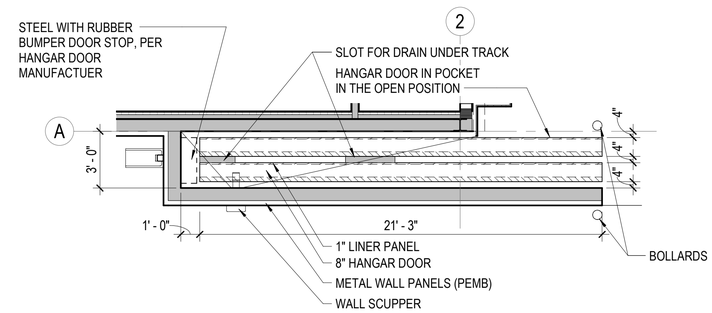
CONSTRUCTION SET



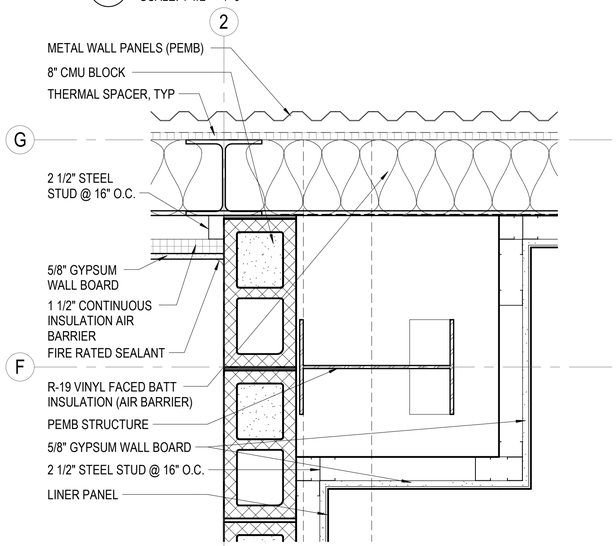
5 COLUMN DETAIL @ LOW BAY END WALL
SCALE: 1 1/2" = 1'-0"



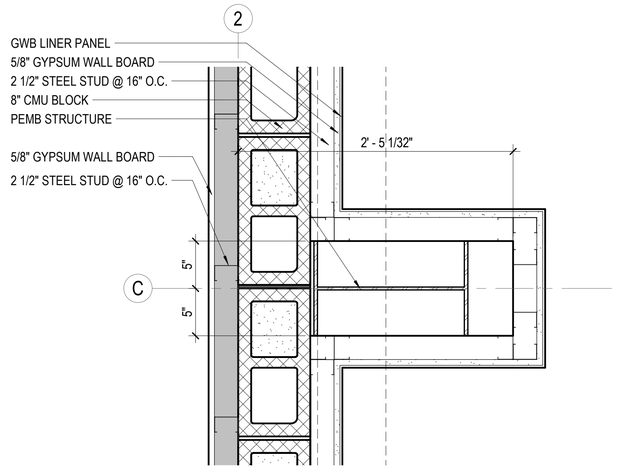
3 COLUMN DETAIL @ END WALL 1
SCALE: 1 1/2" = 1'-0"



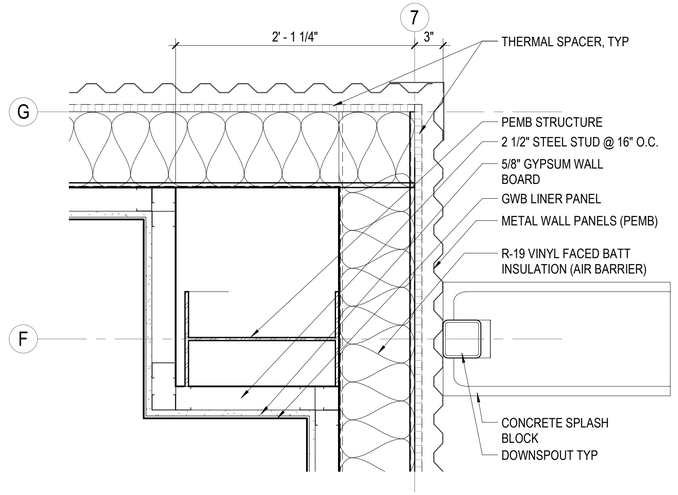
1 HANGAR DOOR AT POCKET DOOR DETAIL
SCALE: 1/4" = 1'-0"



6 COLUMN DETAIL @ CORNER 2HR RATED WALL
SCALE: 1 1/2" = 1'-0"



4 COLUMN DETAIL @ END WALL 2
SCALE: 1 1/2" = 1'-0"



2 COLUMN DETAIL @ CORNER
SCALE: 1 1/2" = 1'-0"

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NO.	DESCRIPTION	DATE

HANGAR REPLACEMENT
3901 LINDBERGH DRIVE
JONESBORO, AR 72401

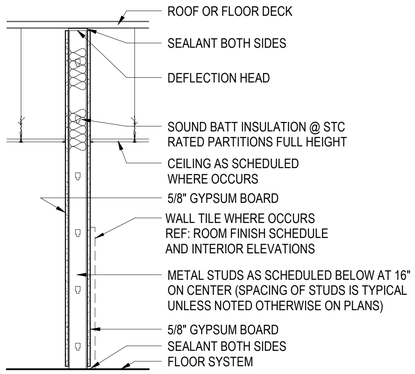
DETAIL PLAN VIEWS

Project Number: 181261
Date: 02-05-2021
Scale: AS NOTED
Sheet # A-502

CONSTRUCTION SET

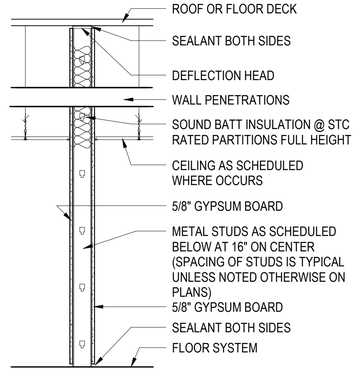
0 6" 1' - 0" 2' - 0"
SCALE: 1 1/2" = 1' - 0"

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



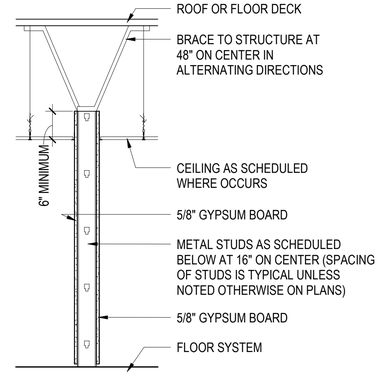
PARTITION TYPE 1A0

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



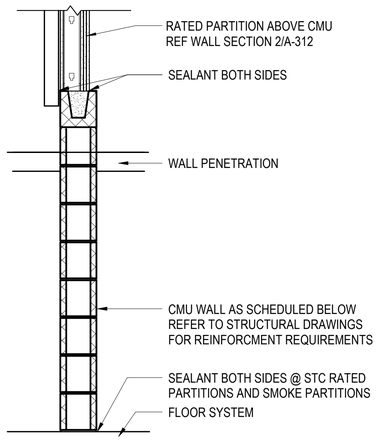
PARTITION TYPE 1A1

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



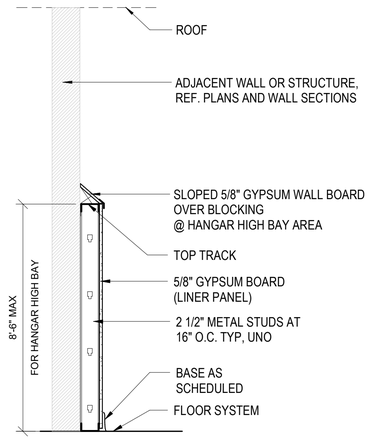
PARTITION TYPE 1B0

TYPE	FIRE RATING	CORE WIDTH	OVERALL WIDTH	STC RATED	UL LISTING	STC TEST
1B0.3	NON-RATED	3 5/8"	4 7/8"	NON-RATED	N/A	N/A



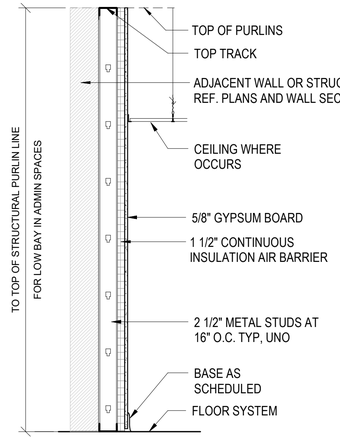
PARTITION TYPE 6A2

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 8D0

TYPE	FIRE RATING	CORE WIDTH	OVERALL WIDTH	UL LISTING	STC TEST
8D0.2	NON-RATED	2 1/2"	4 5/8"	N/A	N/A



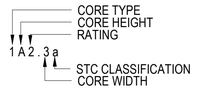
PARTITION TYPE 8A0

TYPE	FIRE RATING	CORE WIDTH	OVERALL WIDTH	UL LISTING	STC TEST
8A0.2	NON-RATED	2 1/2"	3 1/8"	N/A	N/A

NOTES - PARTITION

1. ALL PARTITIONS IN RESTROOMS TO RECEIVE MOISTURE RESISTANT GYPSUM BOARD IN PLACE OF GYPSUM WALL BOARD.
2. WHERE WALLS ARE TO RECEIVE TILE, 5/8" CEMENT BOARD IS TO BE USED IN PLACE OF GYPSUM WALL BOARD.
3. ALL PERIMETER WALLS AROUND RESTROOMS THAT ARE NOT ALREADY REQUIRED TO RECEIVE AND STC RATING WILL RECEIVE SOUND ATTENUATING BATT INSULATION AND ACOUSTICAL SEALANT AT THE TOP AND BOTTOM OF THE WALL. THE SOUND ATTENUATING BATT INSULATION WILL BE CONTINUOUS THEN ENTIRE HEIGHT OF THE WALL.
4. FILL VOIDS AROUND WALL PENETRATIONS WITH FIRE STOPPING TO AVOID REDUCTION OF FIRE RATING.
5. ALL FIRE RATED PARTITIONS TO RECEIVE TYPE "X" GYPSUM BOARD.

LEGEND - PARTITION TYPES



CORE TYPE
- 1 METAL STUD WALL
- 2 METAL STUD SHAFT WALL
- 3 METAL STUD (1 SIDED GYP BD)
- 4 WOOD STUD WALL
- 5 WOOD STUD (1 SIDED GYP BD)
- 6 CMU
- 7 CONCRETE
- 8 FURRING

CORE HEIGHT
- A FULL HEIGHT (TO UNDERSIDE OF STRUCTURE)
- B 6" ABOVE HIGHEST ADJACENT CEILING
- C TO CEILING
- D (D-Z) USER DEFINED (SPECIAL CONDITIONS)

RATING
- 0 NON-RATED
- 1 1 HOUR
- 2 2 HOUR
- 3 3 HOUR
- 4 4 HOUR
- H 1/2 HOUR
- S SMOKE RATED

CORE WIDTH
- .1 METAL STUD (1 5/8")
- .2 METAL STUD (2 1/2")
- .3 METAL STUD (3 5/8")
- .4 METAL STUD (4") WOOD STUD (3 1/2") CMU/CONCRETE (3 5/8")
- .6 METAL STUD (6") WOOD STUD (5 1/2") CMU/CONCRETE (5 5/8")
- .8 METAL STUD (8") WOOD STUD (7 1/4") CMU/CONCRETE (7 5/8")
- .10 METAL STUD (10") WOOD STUD (9 1/4") CMU/CONCRETE (9 5/8")
- .12 WOOD STUD (11 1/4") CMU/CONCRETE (11 5/8")

STC CLASSIFICATION
- .a STC 35
- .b STC 40
- .c STC 45
- .d STC 50
- .e STC 55

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SEAL
02/05/2021

REVISIONS

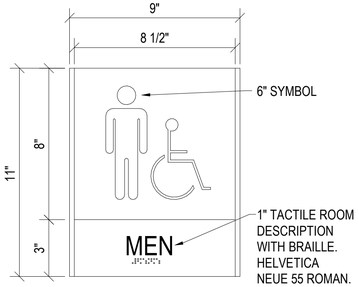
NO.	DATE	DESCRIPTION

HANGAR REPLACEMENT
3901 LINDBERGH DRIVE
JONESBORO, AR 72401

PARTITION TYPES

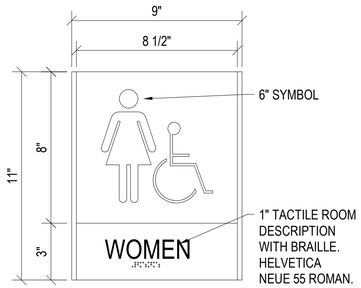
Project Number: 181261
Date: 02-05-2021
Scale: AS NOTED
Sheet # A-601

CONSTRUCTION SET



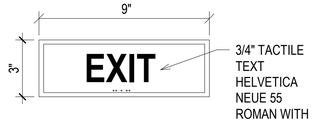
1 ACCESSIBLE MEN
SCALE:NTS

REFER TO SHEET A-002 FOR MOUNTING HEIGHTS AND LOCATION RELATIVE TO DOORS



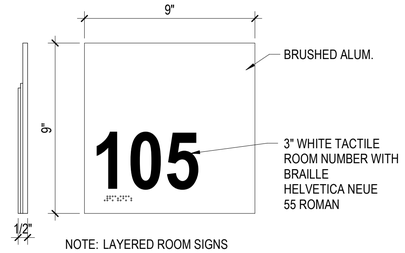
2 ACCESSIBLE WOMEN
SCALE:NTS

REFER TO SHEET A-002 FOR MOUNTING HEIGHTS AND LOCATION RELATIVE TO DOORS



3 EXIT
SCALE:NTS

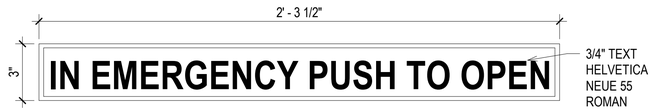
ALL RESTROOM EXITS & EXTERIOR EXITS



NOTE: LAYERED ROOM SIGNS

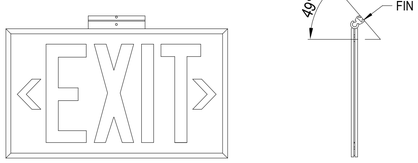
6 ROOM ID SIGNS
SCALE:NTS

ALL ROOMS SHALL HAVE ID SIGNS @ DOORS



4 IN EMERGENCY PUSH TO OPEN
SCALE:NTS

ALL EGREES DOORS WITH PANIC DEVICES



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

REFER TO SHEET G-102 FOR LOCATIONS

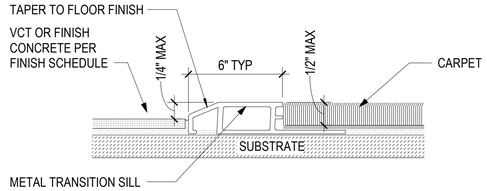
ROOM FINISH SCHEDULE

ROOM NUMBER	ROOM NAME	FLOOR	BASE	WALL MATERIAL - FINISH NORTH	EAST	SOUTH	WEST	CEILING	REMARKS
100	HANGAR HIGH BAY	CONC-S	NONE	LP & VI	LP & VI	LP & VI	LP & CMU-P	STR-P	GWB LINER PANEL, REF WALL SECTIONS
101	OFFICE	CARPET	VB	GB-P	CMU-P	GB-P	GB-P	ACT	
102	OFFICE	CARPET	VB	GB-P	GB-P	GB-P	GB-P	ACT	
103	LOBBY	CARPET	VB	GB-P	GB-P & CMU-P	GB-P	GB-P	ACT	
104	TEST	CARPET	VB	GB-P	GB-P	GB-P	GB-P	ACT	
105	PARTS	CONC-S	VB	GB-P	GB-P	GB-P	GB-P	ACT	
106	WOMEN'S RESTROOM	VCT	VB & CT-1	GB-P & CT-1	CMU-P	GB-P & CT-1	GB-P	GB-P	CEMENT BOARD @ TILE LOCATIONS / MOISTURE RESISTANT GWB
107	MEN'S RESTROOM	VCT	VB & CT-1	GB-P & CT-1	CMU-P	GB-P & CT-1	GB-P	GB-P	CEMENT BOARD @ TILE LOCATIONS / MOISTURE RESISTANT GWB
108	SHOP	CONC-S	VB	GB-P	CMU-P	GB-P	GB-P	STR-P	
109	MECH.	CONC-S	NONE	GB-P	GB-P	GB-P	GB-P	STR-P	
110	CLOSET	CARPET	VB	GB-P	CMU-P	GB-P	GB-P	ACT	
111	JAN	CONC-S	NONE	GB-P	CMU-P	GB-P	GB-P	GB-P	MOISTURE RESISTANT GWB
112	JAN	CONC-S	NONE	GB-P	CMU-P	GB-P	GB-P	GB-P	MOISTURE RESISTANT GWB

LEGEND - FINISH

ACT	ACOUSTICAL CEILING TILE
CMU-P	CMU PAINTED
CONC-S	CONCRETE - SEALED
CPT	CARPET
CT-1	CERAMIC TILE
LP	LINER PANEL
P	PAINTED
STR	EXPOSED STRUCTURE
STR-P	EXPOSED STRUCTURE - PAINTED
VB	4" VINYL BASE
VCT	VINYL COMPOSITION TILE
VI	VINYL INSULATION

NOTES:
1. REFER TO WALL TYPES AND CEILING PLAN FOR SOUND BATT INSULATION REQUIREMENTS



5 FINISH DETAIL - INTERIOR TRANSITION STRIPS
SCALE:NTS

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02/05/2021

REVISIONS

NO.	DESCRIPTION	DATE

HANGAR REPLACEMENT
3901 LINDBERGH DRIVE
JONESBORO, AR 72401

ROOM FINISH SCHEDULE & SIGNAGE DETAILS

Project Number: 181261
Date: 02-05-2021
Scale: AS NOTED
Sheet # A-602

CONSTRUCTION SET

SCHEDULE - DOOR - ALL

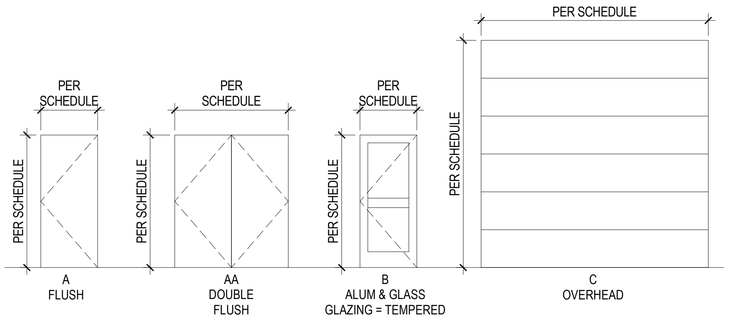
DOOR NUMBER	SIZE			DOOR			FRAME			DETAILS		RATING		HARDWARE SET	COMMENTS
	HEIGHT	WIDTH	THICKNESS	TYPE	DESCRIPTION	FINISH	TYPE	DESCRIPTION	FRAME FINISH	HEAD	JAMB	FIRE	STC		
100A	25' - 0"	85' - 0"	1' - 0"	D	HANGAR DOOR SLIDING	CSI	-	-	-	2/A-611	3/A-611			9	INSULATED PEMB WALL PANELS AND LINER PANELS
100B	12' - 0"	12' - 0"		C	OVERHEAD SECTIONAL STEEL	CSI	-	-	-	7/A-612	8/A-612			10	INSULATED, VERTICAL LIFT
100C	7' - 0"	3' - 0"	1 3/4"	A	EXTERIOR	PTD	F1	HOLLOW METAL	PTD	1/A-612	2/A-612			11	INSULATED
100D	7' - 0"	3' - 0"	1 3/4"	A	EXTERIOR	PTD	F1	HOLLOW METAL	PTD	1/A-612	2/A-612			11	INSULATED
101	7' - 0"	3' - 0"	1 3/4"	A	INTERIOR WOOD FLUSH (SOLID CORE)	WD	F1	HOLLOW METAL	PTD	4/A-612	5/A-612			2	
102	7' - 0"	3' - 0"	1 3/4"	A	INTERIOR WOOD FLUSH (SOLID CORE)	WD	F1	HOLLOW METAL	PTD	4/A-612	5/A-612			2	
103A	7' - 0"	3' - 0"	1 3/4"	B	EXTERIOR STOREFRONT	ALUM	F1	PER MANUF	ALUM	4/A-611	5/A-611			1	INSULATED
103B	7' - 0"	3' - 0"	1 3/4"	A	INTERIOR HOLLOW METAL RATED	PTD	F2	HOLLOW METAL	PTD	10/A-612	11/A-612	90 MIN		4	
103C	7' - 0"	3' - 0"	1 3/4"	A	INTERIOR HOLLOW METAL RATED	PTD	F2	HOLLOW METAL	PTD	10/A-612	11/A-612	90 MIN		4	
103D	7' - 0"	3' - 0"	1 3/4"	A	INTERIOR HOLLOW METAL RATED	PTD	F2	HOLLOW METAL	PTD	10/A-612	11/A-612	90 MIN		4	
104	7' - 0"	3' - 0"	1 3/4"	A	INTERIOR WOOD FLUSH (SOLID CORE)	WD	F1	HOLLOW METAL	PTD	4/A-612	5/A-612			5	
105	7' - 0"	3' - 0"	1 3/4"	A	INTERIOR WOOD FLUSH (SOLID CORE)	WD	F1	HOLLOW METAL	PTD	4/A-612	5/A-612			3	
106	7' - 0"	3' - 0"	1 3/4"	A	INTERIOR WOOD FLUSH (SOLID CORE)	WD	F1	HOLLOW METAL	PTD	4/A-612	5/A-612			8	
107	7' - 0"	3' - 0"	1 3/4"	A	INTERIOR WOOD FLUSH (SOLID CORE)	WD	F1	HOLLOW METAL	PTD	4/A-612	5/A-612			8	
108A	8' - 0"	12' - 0"	2"	C	OVERHEAD SECTIONAL STEEL	CSI	-	-	-	7/A-612	8/A-612			9	INSULATED, STANDARD LIFT
108B	7' - 0"	3' - 0"	1 3/4"	A	INTERIOR HOLLOW METAL	PTD	F1	HOLLOW METAL	PTD	4/A-612	5/A-612			3	
108C	7' - 0"	3' - 0"	1 3/4"	A	INTERIOR HOLLOW METAL RATED	PTD	F2	HOLLOW METAL	PTD	10/A-612	11/A-612	90 MIN		4	
109	7' - 0"	6' - 0"	1 3/4"	AA	INTERIOR HOLLOW METAL RATED	PTD	F1	HOLLOW METAL	PTD	4/A-612	5/A-612	45 MIN		6	
110	7' - 0"	3' - 0"	1 3/4"	A	INTERIOR WOOD FLUSH (SOLID CORE)	WD	F1	HOLLOW METAL	PTD	4/A-612	5/A-612			7	
111	7' - 0"	3' - 0"	1 3/4"	A	INTERIOR HOLLOW METAL RATED	PTD	F2	HOLLOW METAL	PTD	10/A-612	11/A-612	90 MIN		7	
112	7' - 0"	3' - 0"	1 3/4"	A	INTERIOR HOLLOW METAL	PTD	F1	HOLLOW METAL	PTD	4/A-612	5/A-612			7	

LEGEND - DOOR FRAME

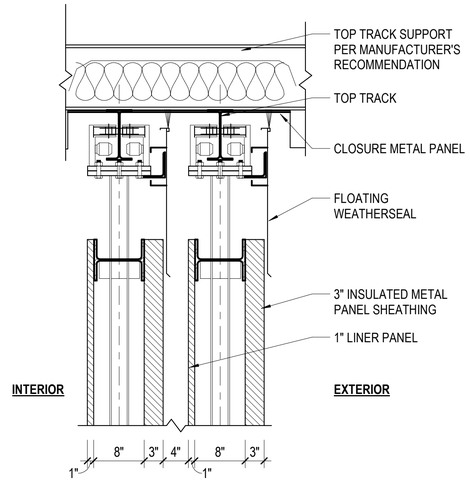
TYPE	DESCRIPTION
-	NONE
AC	ACCESS
AL	ALUMINUM
CS	CUSTOM STEEL
HM	HOLLOW METAL
MSS	METAL SCREEN AND STORM
PAM	PRE-ASSEMBLED METAL
SS	STANDARD STEEL
WD	WOOD

LEGEND - DOOR LEAF

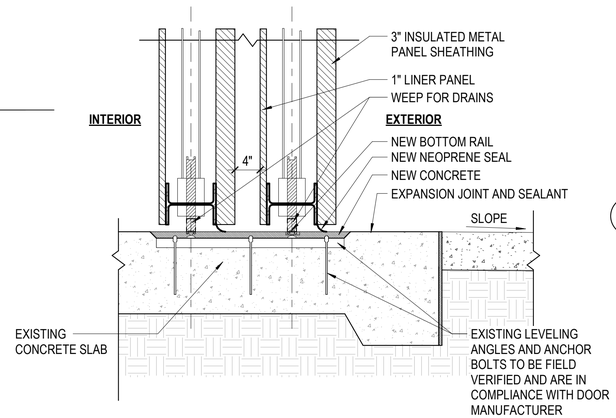
TYPE	DESCRIPTION
AC	ACCESS
AE	AUTOMATIC ENTRANCE
AFE	ALUMINUM-FRAMED ENTRANCE
AGE	ALL-GLASS ENTRANCE
CL	CHAIN LINK
CS	CUSTOM STEEL
CSI	CUSTOM STEEL (INSULATED)
FD	FOLDING
HM	HOLLOW METAL
HMI	HOLLOW METAL (INSULATED)
MSS	METAL SCREEN AND STORM
OC	OVERHEAD COILING
OCI	OVERHEAD COILING (INSULATED)
OSA	OVERHEAD SECTIONAL ALUMINUM
OSAI	OVERHEAD SECTIONAL ALUMINUM (INSULATED)
OSS	OVERHEAD SECTIONAL STEEL
OSSI	OVERHEAD SECTIONAL STEEL (INSULATED)
OSW	OVERHEAD SECTIONAL WOOD
PAM	PRE-ASSEMBLED METAL
PAMI	PRE-ASSEMBLED METAL (INSULATED)
RE	REVOLVING ENTRANCE
SAF	SLIDING ALUMINUM-FRAMED GLASS
SPF	SLIDING PLASTIC-FRAMED GLASS
SRW	STILE AND RAIL WOOD
SS	STANDARD STEEL
SWF	SLIDING WOOD-FRAMED GLASS
WC	WOOD CLOSET
WDHC	WOOD FLUSH (HOLLOW CORE)
WDSC	WOOD FLUSH (SOLID CORE)



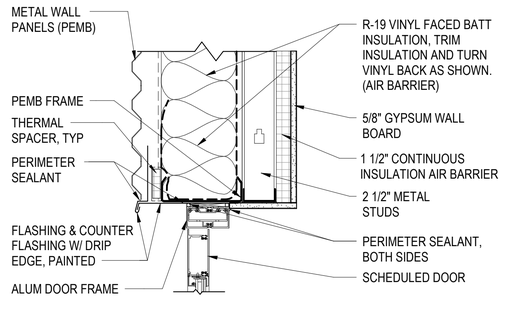
DOOR & FRAME TYPES
SCALE:NTS



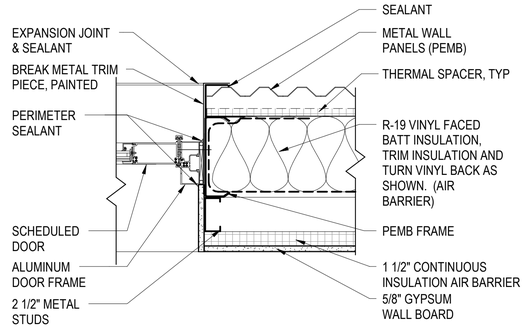
2 HANGAR DOOR HEAD DETAIL
SCALE: 1" = 1'-0"



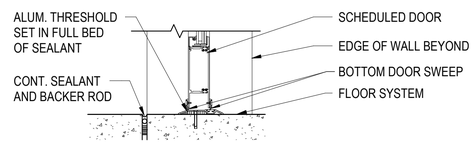
3 HANGAR DOOR BASE DETAIL
SCALE: 1" = 1'-0"



4 H5 - EXTERIOR ALUM DOOR HEAD DETAIL
SCALE: 1 1/2" = 1'-0"



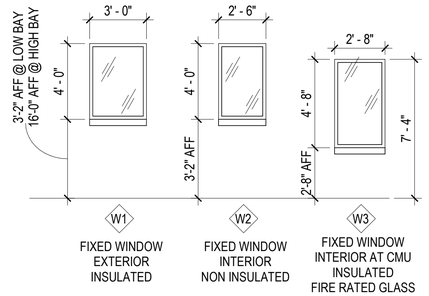
5 J5 - EXTERIOR ALUM DOOR JAMB DETAIL
SCALE: 1 1/2" = 1'-0"



6 S5 - EXTERIOR ALUM DOOR SILL DETAIL
SCALE: 1 1/2" = 1'-0"

SCHEDULE - WINDOW

W1	FIXED WINDOW
W2	FIXED WINDOW
W3	FIXED WINDOW



NOTES:
1. REFERENCE ELEVATIONS FOR CLERESTORY WINDOW HEIGHTS.
2. ALL WINDOWS ADJACENT TO DOORS OR INTEGRAL WITH DOOR TO HAVE TEMP GLASS.
3. ALL WINDOWS TO HAVE SILL FLASHING & END DAMS SET IN FULL BED OF SEALANT.
4. HORIZONTAL LOUVERS & BLINDS COORDINATE WITH OWNER.

WINDOW TYPES
SCALE:NTS

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

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REVISIONS

NO.	DATE	DESCRIPTION

HANGAR REPLACEMENT
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JONESBORO, AR 72401

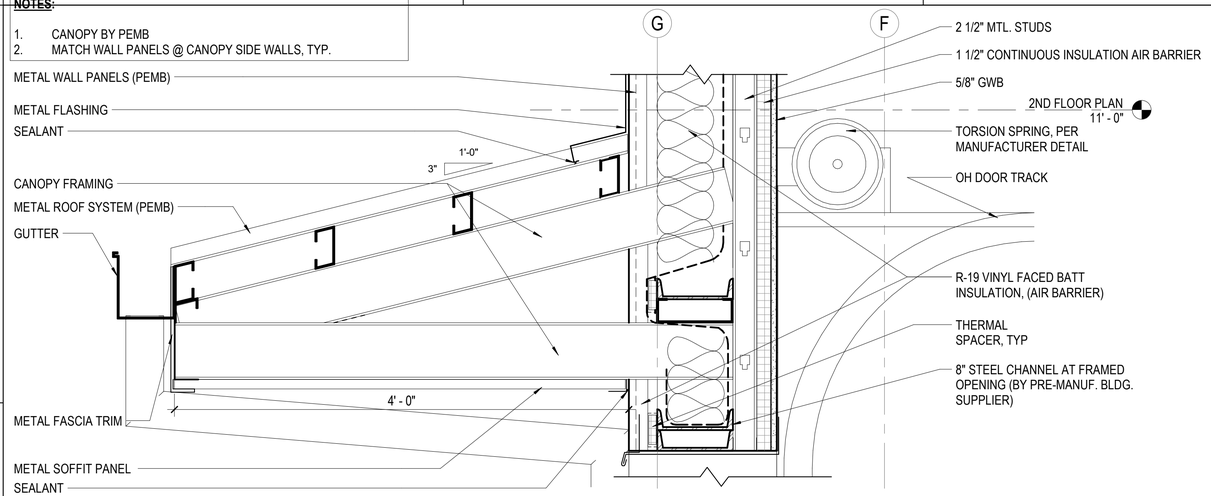
DOOR SCHEDULE, DOOR AND WINDOW ELEVATIONS

Project Number: 181261
Date: 02-05-2021
Scale: AS NOTED
Sheet # A-611

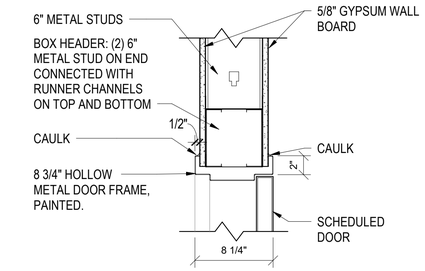
CONSTRUCTION SET

NOTES:

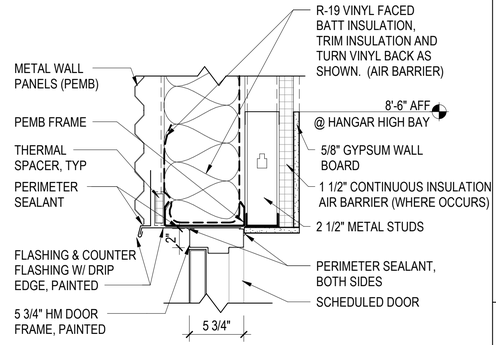
1. CANOPY BY PEMB
2. MATCH WALL PANELS @ CANOPY SIDE WALLS, TYP.



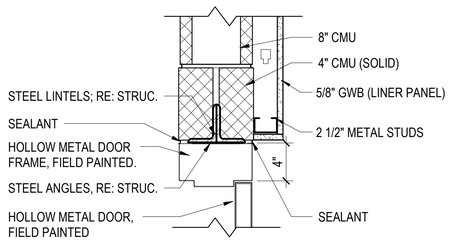
7 H3 - OH DOOR HEAD DETAIL
SCALE: 1 1/2" = 1'-0"



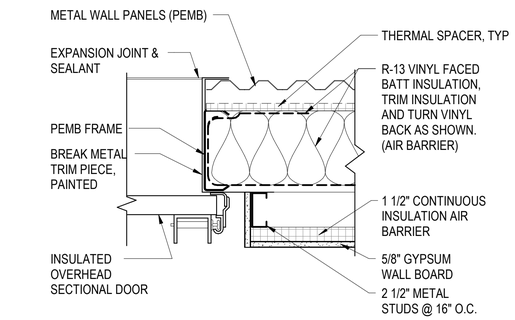
4 H2 - INTERIOR HM HEAD DETAIL
SCALE: 1 1/2" = 1'-0"



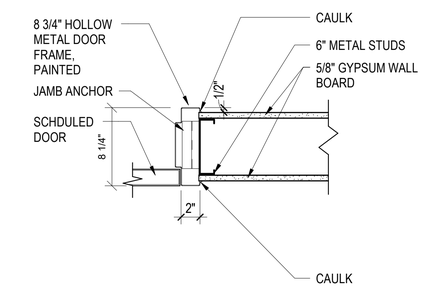
1 H1 - EXTERIOR HM HEAD DETAIL
SCALE: 1 1/2" = 1'-0"



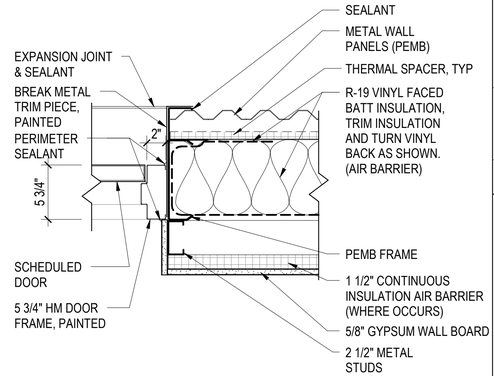
10 H4 - HOLLOW METAL FRAME HEAD DETAIL (CMU WALL)
SCALE: 1 1/2" = 1'-0"



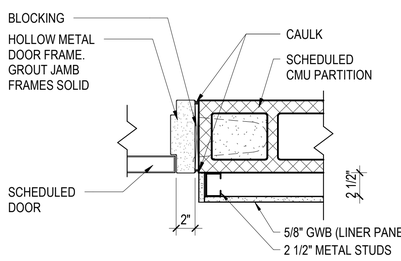
8 J3 - OH DOOR JAMB DETAIL
SCALE: 1 1/2" = 1'-0"



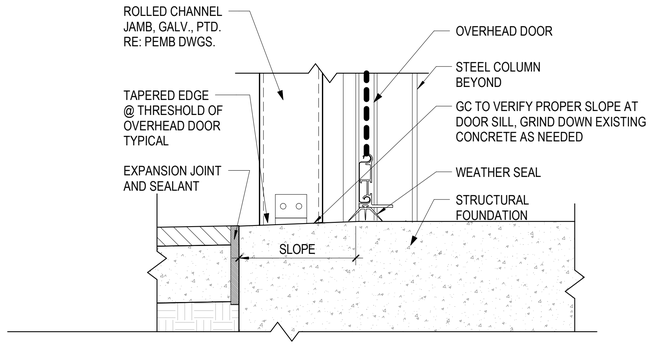
5 J2 - INTERIOR HM JAMB DETAIL
SCALE: 1 1/2" = 1'-0"



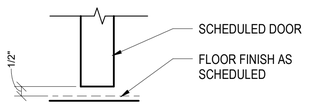
2 J1 - EXTERIOR HM JAMB DETAIL
SCALE: 1 1/2" = 1'-0"



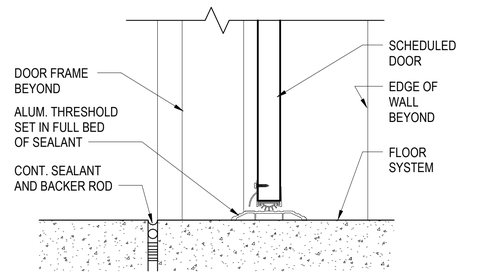
11 J4 - HOLLOW METAL FRAME JAMB DETAIL (CMU WALL)
SCALE: 1 1/2" = 1'-0"



9 S3 - COILING DOOR SILL DETAIL
SCALE: 1 1/2" = 1'-0"



6 S2 - INTERIOR HM SILL DETAIL
SCALE: 3" = 1'-0"



3 S1 - EXTERIOR HM SILL DETAIL
SCALE: 3" = 1'-0"

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

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

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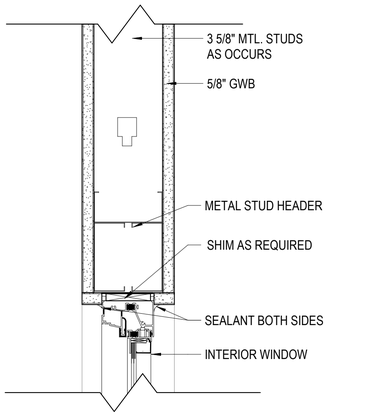
NO.	DESCRIPTION	DATE

HANGAR REPLACEMENT
3901 LINDBERGH DRIVE
JONESBORO, AR 72401

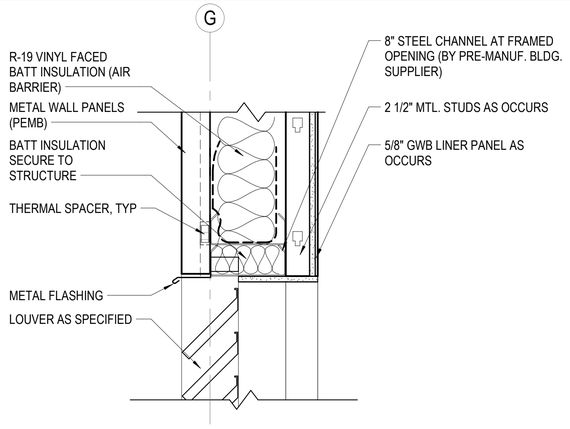
DOOR HEAD, JAMB, AND SEAL DETAILS

Project Number: 181261
Date: 02-05-2021
Scale: AS NOTED
Sheet # A-612

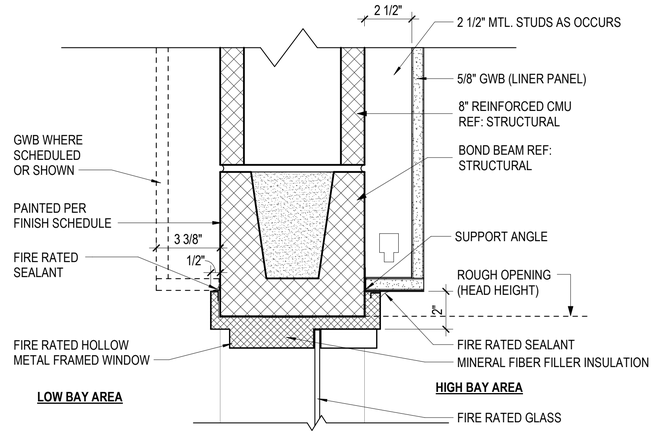
CONSTRUCTION SET



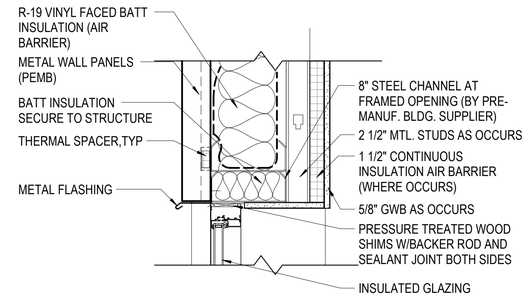
9 INTERIOR WINDOW- HEAD
SCALE: 3" = 1'-0"



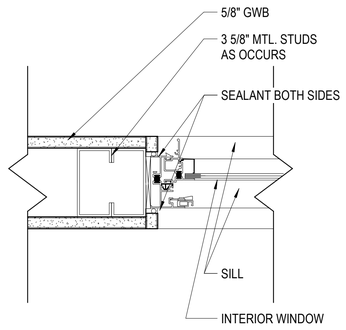
7 PEMB LOUVER HEAD DETAIL
SCALE: 1 1/2" = 1'-0"



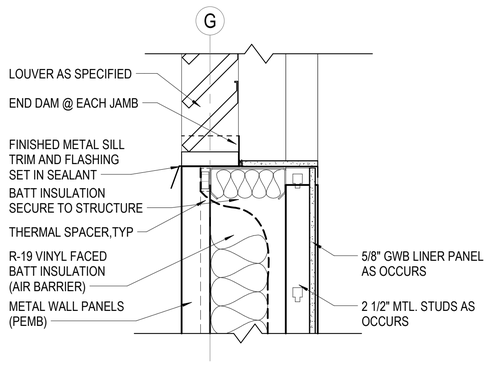
4 INTERIOR WINDOW- HEAD- CMU
SCALE: 3" = 1'-0"



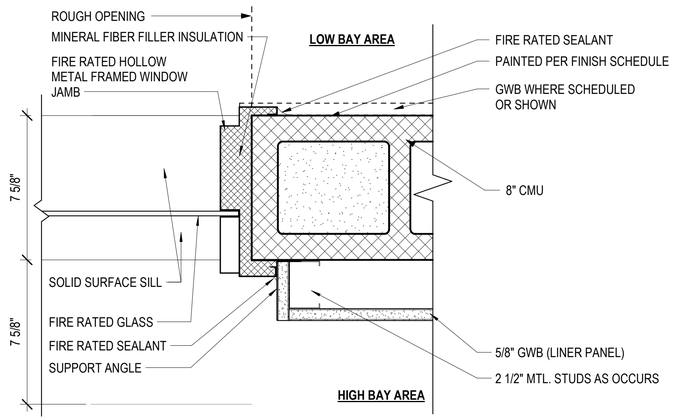
1 PEMB WINDOW HEAD DETAIL
SCALE: 1 1/2" = 1'-0"



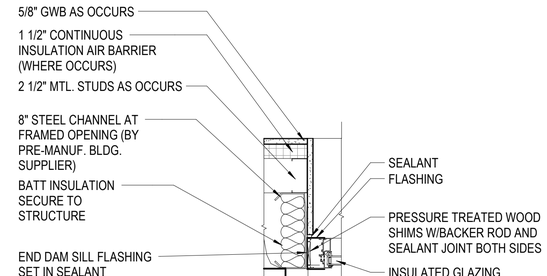
10 INTERIOR WINDOW- JAMB
SCALE: 3" = 1'-0"



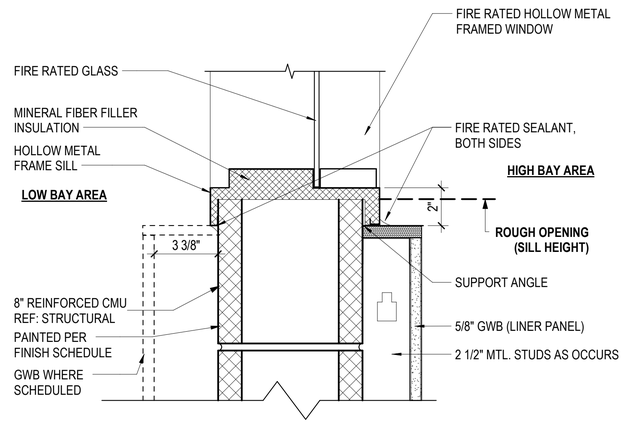
8 PEMB LOUVER SILL DETAIL
SCALE: 1 1/2" = 1'-0"



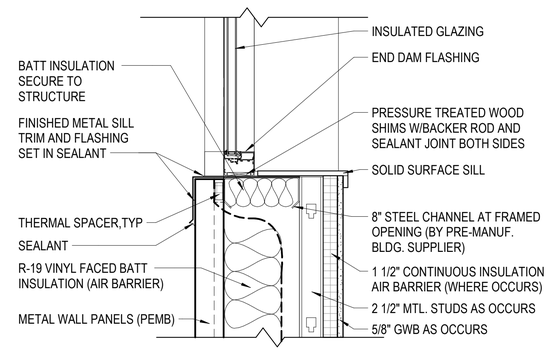
5 INTERIOR WINDOW- JAMB- CMU
SCALE: 3" = 1'-0"



2 PEMB WINDOW JAMB DETAIL
SCALE: 1 1/2" = 1'-0"



6 INTERIOR WINDOW- SILL- CMU
SCALE: 3" = 1'-0"



3 PEMB WINDOW SILL DETAIL
SCALE: 1 1/2" = 1'-0"

0 3" 6" 1' - 0" — SCALE: 3" = 1' - 0"

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

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NO.	DATE	DESCRIPTION

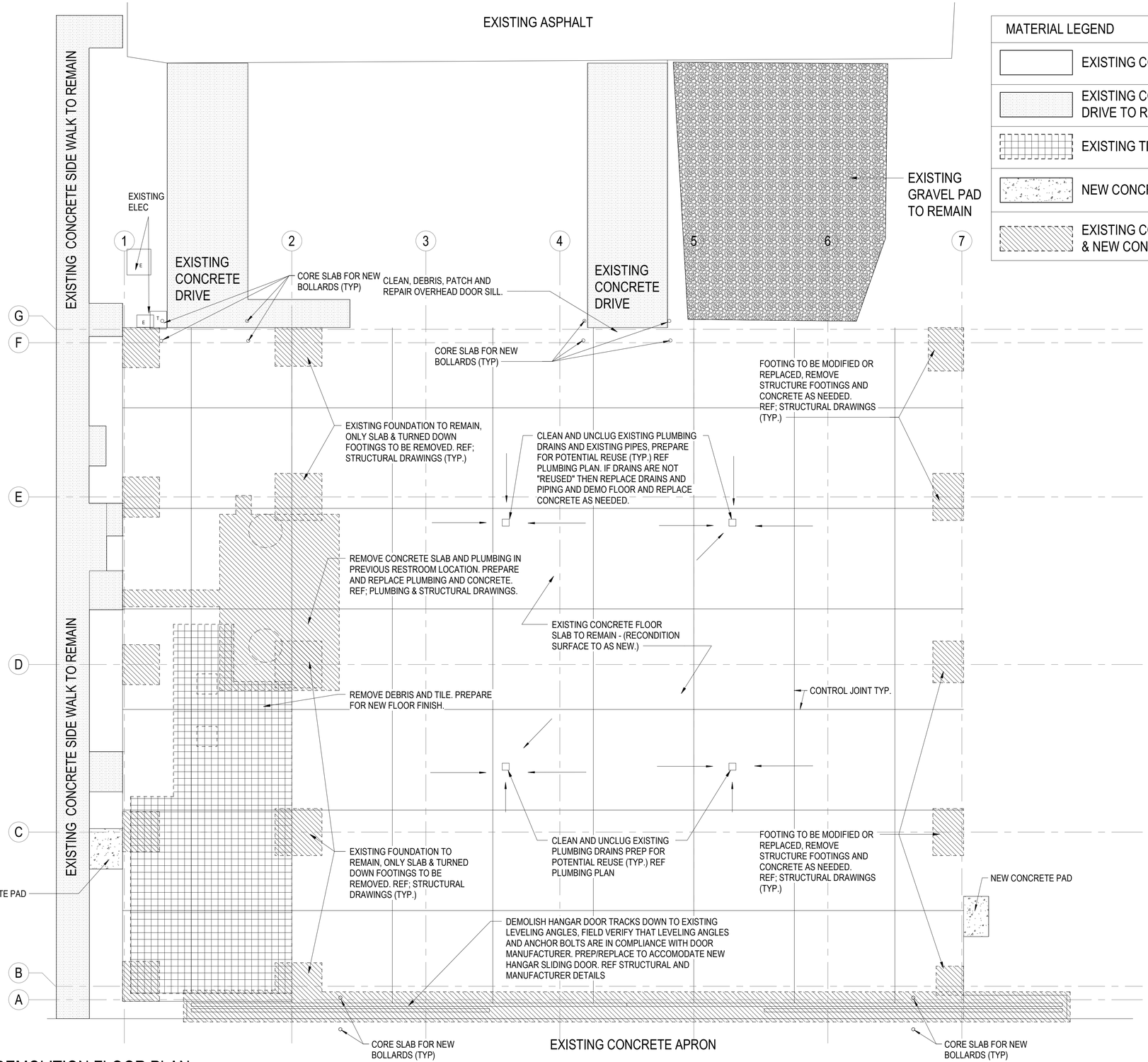
REVISIONS

HANGAR REPLACEMENT
3901 LINDBERGH DRIVE
JONESBORO, AR 72401

WINDOW HEAD, JAMB, AND SILL DETAILS

Project Number: 181261
Date: 02-05-2021
Scale: AS NOTED
Sheet # A-613

CONSTRUCTION SET



MATERIAL LEGEND

	EXISTING CONCRETE SLAB TO REMAIN
	EXISTING CONCRETE SIDEWALK AND DRIVE TO REMAIN
	EXISTING TILE TO BE DEMOLISHED
	NEW CONCRETE
	EXISTING CONCRETE TO BE DEMOLISHED & NEW CONCRETE

1 DEMOLITION FLOOR PLAN

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

PLAN NORTH

0 4' - 0" 8' - 0" 16' - 0"

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

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HANGAR REPLACEMENT
3901 LINDBERGH DRIVE
JONESBORO, AR 72401

DEMOLITION FLOOR PLAN

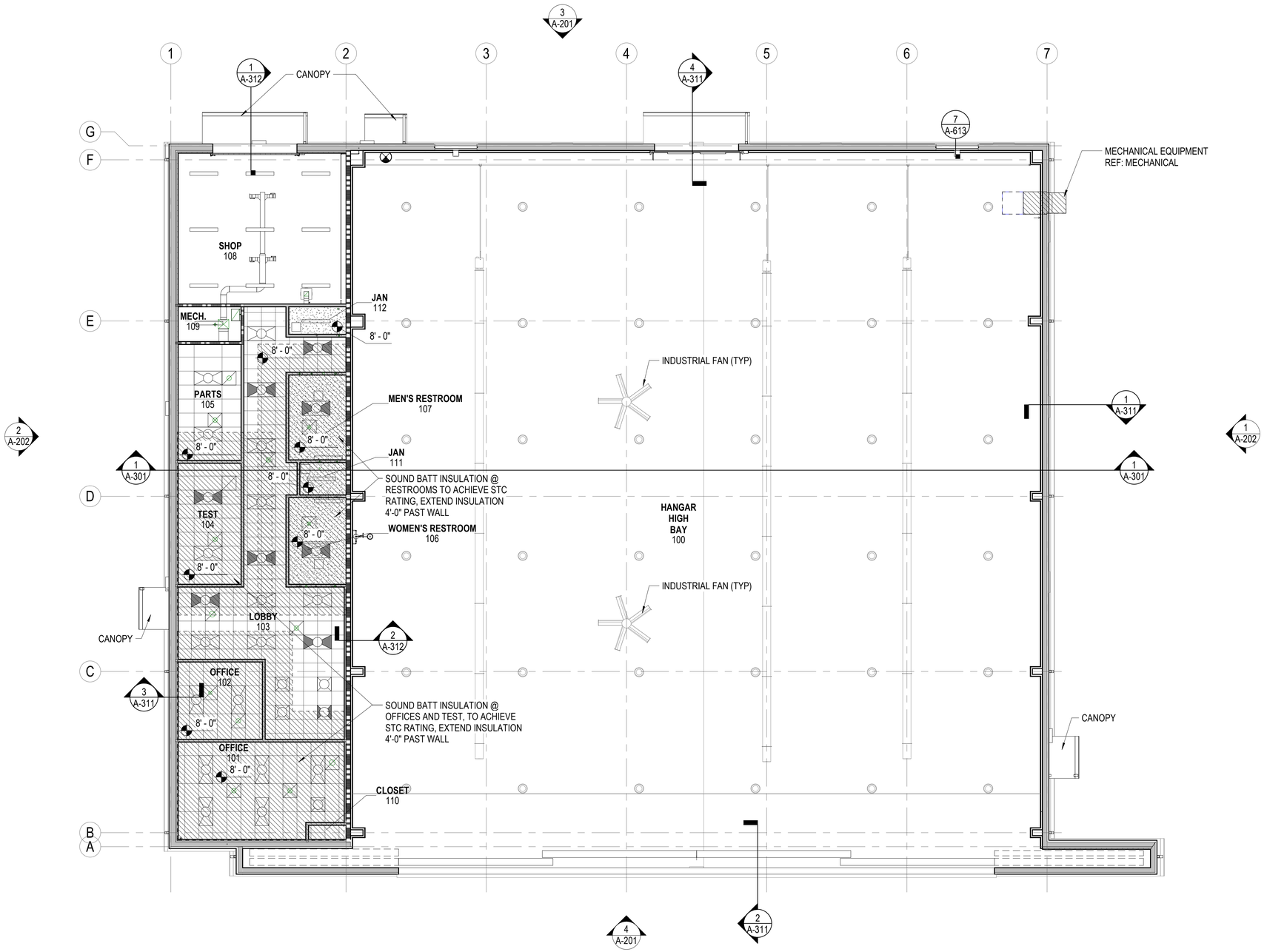
Project Number: **181261**

Date: **02-05-2021**

Scale: **AS NOTED**

Sheet # **AD-110**

CONSTRUCTION SET



1 REFLECTED CEILING PLAN
SCALE: 1/8" = 1'-0"

NOTES - RCP

1. ALL ELEVATIONS ARE ABOVE FINISHED FLOOR.
2. REFER TO ELECTRICAL DRAWINGS FOR POWER AND LIGHTING INFORMATION
3. REFER TO MECHANICAL DRAWINGS FOR VENTILATION AND HEATING VENTILATION AND AIR CONDITIONING INFORMATION
4. ALL CEILING GRIDS TO BE CENTERED IN ROOMS - TYPICAL UNLESS NOTED OR DIMENSIONED OTHERWISE
5. LIGHT FIXTURES IN GWB CEILINGS SHALL BE CENTERED IN ROOMS - REF; ELECTRICAL DRAWINGS FOR LOCATION.
6. ALL EXPOSED DUCTWORK, PIPES, CONDUIT AND STRUCTURE SHALL BE CLEAN AND FREE OF ANY MANUFACTURER OR CONSTRUCTION DEFECTS
7. THE SUSPENDED CEILING SYSTEM, MECHANICAL DUCTWORK AND LIGHTING FIXTURES SHALL BE POSITIVELY ATTACHED TO THE STRUCTURE ABOVE

RCP LEGEND

- 2'x2' ACOUSTICAL CEILING PANEL
- 2'x4 ACOUSTICAL CEILING PANEL
- PAINTED GYPSUM WALLBOARD CEILING
- PAINTED EXPOSED STRUCTURE
- TELEVISION SEE E-SERIES
- MECHANICAL DIFFUSER SEE M-SERIES
- MECHANICAL GRILLE SEE M-SERIES
- MECHANICAL FIXTURE SEE M-SERIES
- LIGHTING FIXTURES SEE E-SERIES
- ILLUMINATED EXIT SIGN SEE E-SERIES
- SECURITY CAMERA SEE E-SERIES
- PENDANT LIGHTS
- SOUND BATT INSULATION

PLAN NORTH

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

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REVISIONS

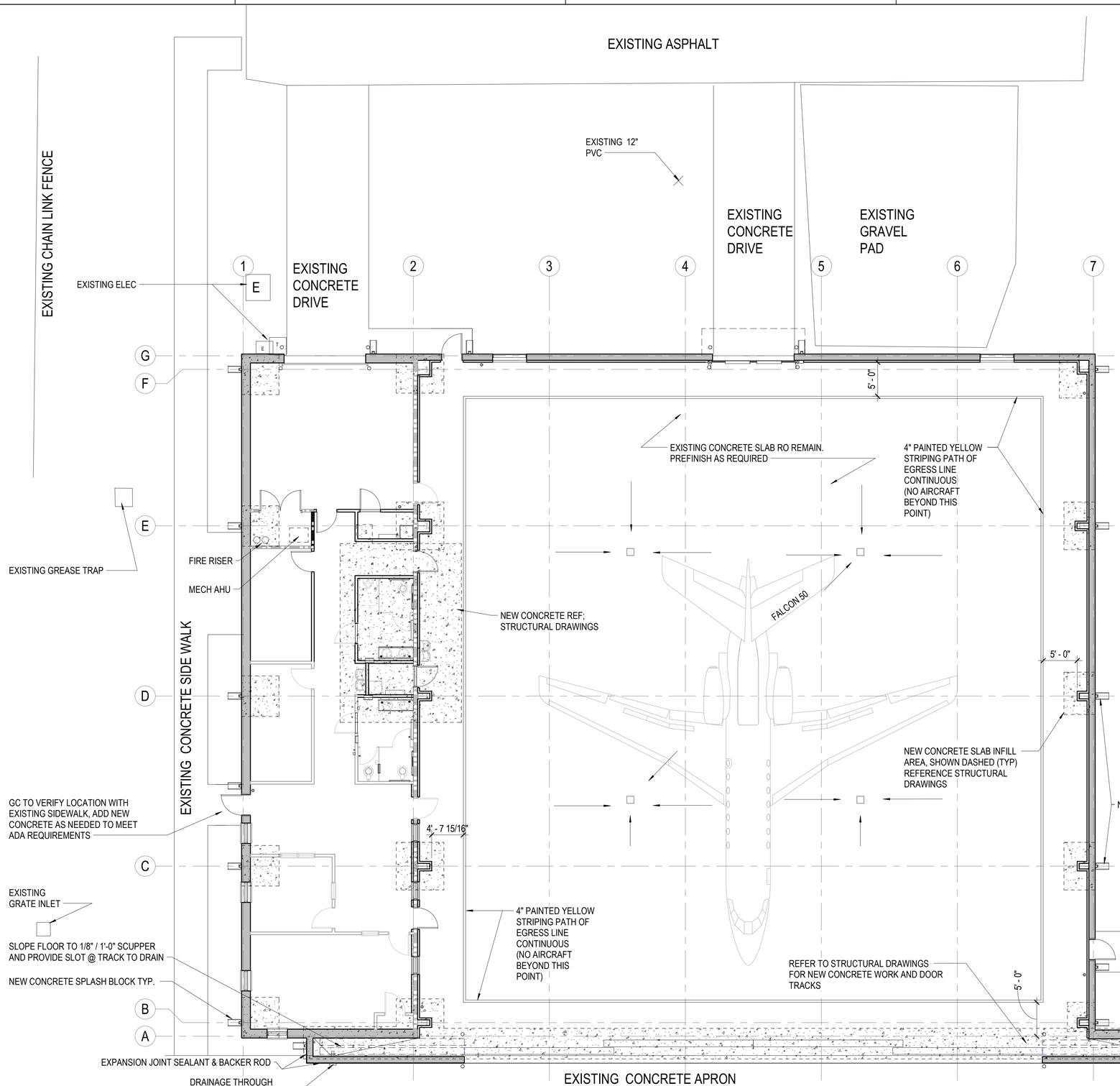
NO.	DESCRIPTION	DATE

HANGAR REPLACEMENT
3901 LINDBERGH DRIVE
JONESBORO, AR 72401

REFLECTED CEILING PLAN

Project Number: 181261
Date: 02-05-2021
Scale: AS NOTED
Sheet # AR110

CONSTRUCTION SET



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

PLAN NORTH

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

MATERIAL LEGEND

	EXISTING CONCRETE SLAB TO REMAIN
	NEW CONCRETE REF; STRUCTURAL AND DEMOLITION DRAWINGS

NOTES:
1. PROVIDE NEW CONCRETE AS NEEDED FOR INSTALLATION OF BOLLARDS, DRAINS, PIPING, AND MISC. REFERENCE OTHER DISCIPLINES FOR MORE INFORMATION.

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02/05/2021

NO.	DATE	DESCRIPTION

REVISIONS

HANGAR REPLACEMENT
3901 LINDBERGH DRIVE
JONESBORO, AR 72401

ARCHITECTURAL - SITE PLAN

Project Number: 181261
Date: 02-05-2021
Scale: AS NOTED
Sheet # AS-101

CONSTRUCTION SET

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.
9. THE PROJECT 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	WIRE SIZE 277V
A.	#12 LESS THAN 75 FEET	LESS THAN 150 FEET
B.	#10 BETWEEN 75-150 FEET	BETWEEN 150-300 FEET
C.	#8 BETWEEN 150-250 FEET	BETWEEN 300-450 FEET
D.	#6 BETWEEN 250-375 FEET	BETWEEN 450-700 FEET

LEGEND

ID	WALL MOUNT STRIP LIGHT.
ID	WALL PACK LIGHT FIXTURE.
ID	RECESSED DOWN LIGHT.
ID	2X4 LED TROFFER.
ID ID	2X4 LED TROFFER ON EMERGENCY POWER.
ID	2X2 LED TROFFER.
ID ID	2X2 LED TROFFER ON EMERGENCY POWER.
ID	4' LED STRIP
ID	WALL LIGHT
	EMERGENCY LIGHT
	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.
VC	WALL MOUNTED DUAL TECH. MOTION SENSOR SWITCH WIRE PER MANUFACTURERS RECOMMENDATION. PROVIDE CONTACTORS TO CONTROL EXHAUST FAN WITH LIGHTS.
DT	DIGITAL TIMER SWITCH, EQUAL TO WATTSTOPPER.
M	MOTOR RATED SWITCH USED FOR EQUIPMENT DISCONNECTING MEANS. SINGLE PHASE: PROVIDE MANUAL MOTOR STARTER WITH THERMAL OVERLOAD RELAYS SIZED PER MOTOR LOAD.
	BRANCH CIRCUIT HOMERUN. PANEL AND CIRCUIT NUMBER INDICATED.
OC	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 EQUAL TO WATTSTOPPER. PROVIDE CONTACTORS TO CONTROL EXHAUST FAN WITH LIGHTS.
OC	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 EQUAL TO WATTSTOPPER.
A	EXIT SIGN/COMBINATION EXIT
A	EXIT SIGN/COMBINATION EXIT/EMERGENCY LIGHT (WITH DIRECTIONAL ARROWS).
A	EXIT SIGN/COMBINATION EXIT/EMERGENCY LIGHT (WITH STROBES).
H A	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.
	TELEPHONE TERMINAL BOARD
1	REVISION DELTA.

TV	COMBINATION TELEPHONE/DATA: REQUIRES 4" SQUARE OUTLET BOX, APPROPRIATE PLASTER RING, AND 1" C. STUBBED TO AN ACCESSIBLE LOCATION ABOVE A REMOVABLE CEILING TILE. BOX AND CONDUIT ONLY. MOUNT 18" AFF UNLESS OTHERWISE NOTED.
F	WALL MOUNT FIRE ALARM VISUAL STROBE-WP DENOTES WEATHER RESISTANT. REQUIRES 4" SQUARE BOX WITH 8" CONDUIT STUBBED ABOVE ACCESSIBLE CEILING. NUMBER DENOTES CANDELA RATING. MOUNT 80" AFF UNLESS OTHERWISE NOTED.
F	WALL MOUNT FIRE ALARM HORN/STROBE-WP DENOTES WEATHER RESISTANT. REQUIRES 4" SQUARE BOX WITH 8" CONDUIT STUBBED ABOVE ACCESSIBLE CEILING. NUMBER DENOTES CANDELA RATING. MOUNT 80" AFF UNLESS OTHERWISE NOTED.
K	MANUAL PULL STATION MOUNTED MINIMUM OF 42"; MAXIMUM OF 48" A.F.F.
S	CEILING MOUNTED PHOTOELECTRIC SMOKE DETECTOR.
H	CEILING MOUNTED HEAT DETECTOR.
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.
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.
TC LC	TIME CLOCK OR LIGHTING CONTACTOR: INTERMATIC #ET8215C FOR LIGHTING CONTROL APPLICATIONS. INTERMATIC #T2005 FOR CIRCULATION PUMPS. LIGHTING CONTACTOR: SQUARE D #8903.
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:

GFI = GROUND FAULT CIRCUIT INTERRUPTER.
WP = WEATHER RESISTANT RECEPTACLES ARE "GFI", WITH METAL WEATHER RESISTANT "WHILE-IN-USE" COVERS.
GD = GARBAGE DISPOSER.
EM = FIXTURE CONTAINS EMERGENCY BATTERY PACK.
NL = UNSWITCHED EMERGENCY FIXTURE.
AFF = ABOVE FINISHED FLOOR
AFG = ABOVE FINISHED GRADE
EWC = ELECTRIC WATER COOLER
EWH = ELECTRIC WATER HEATER
GWH = GAS WATER HEATER
NTS = NOT TO SCALE

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REGISTERED PROFESSIONAL ENGINEER
No. 5824
CHRISTOPHER PRESTON HERRON

SEAL 02-05-2021

NO.	DATE	DESCRIPTION

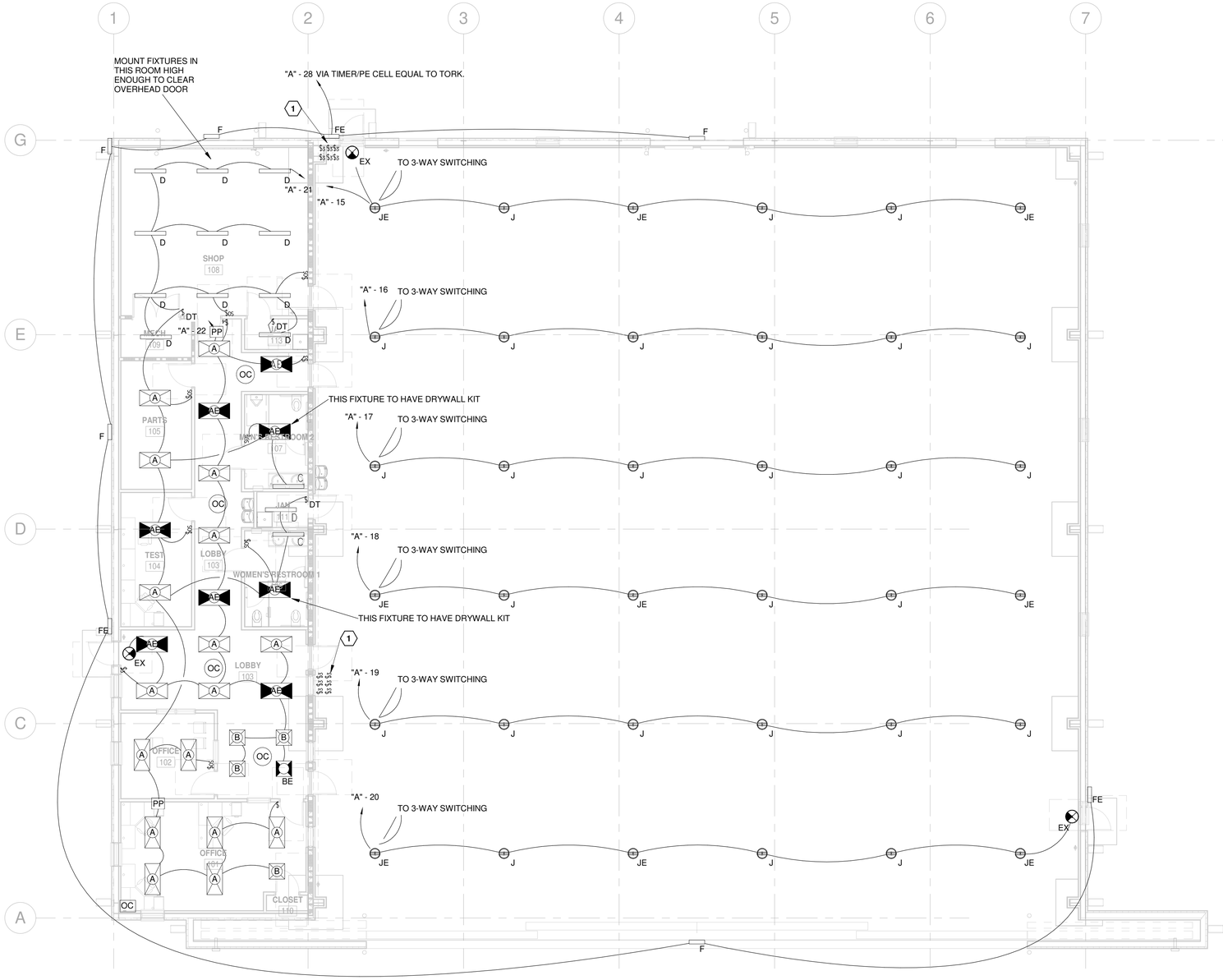
REVISIONS

HANGAR REPLACEMENT
3901 LINDBURG DRIVE
JONESBORO, AR 72401

ELECTRICAL GENERAL NOTES AND LEGEND

Project Number: 181261
Date: 02-05-2021
Scale: AS NOTED
Sheet # E001

CONSTRUCTION SET



NORTH

1 FLOOR PLAN - LIGHTING

1/8" = 1'-0"

GENERAL NOTES

1. ALL EMERGENCY LIGHTS AND EXIT SIGNS TO BE CONNECTED TO AN UNSWITCHED HOT.

KEYED NOTES

1. 3-WAY SWITCHES TO BE OFF OVERIDE FOR HANGAR. HIGH BAY LIGHTING.

PLAN NORTH

0 4' - 0" 8' - 0" 16' - 0"

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

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CERTIFICATE OF AUTHORIZATION — INSIGHT ENGINEERING, PLLC No. 3523 — ARKANSAS

Consultant

STATE OF ARKANSAS — REGISTERED PROFESSIONAL ENGINEER — CHEL PRESTON HERRON — NO. 5024

SEAL 02-05-2021

REVISIONS

NO.	DATE	DESCRIPTION

HANGAR REPLACEMENT
3901 LINDBURG DRIVE
JONESBORO, AR 72401

FLOOR PLAN - LIGHTING

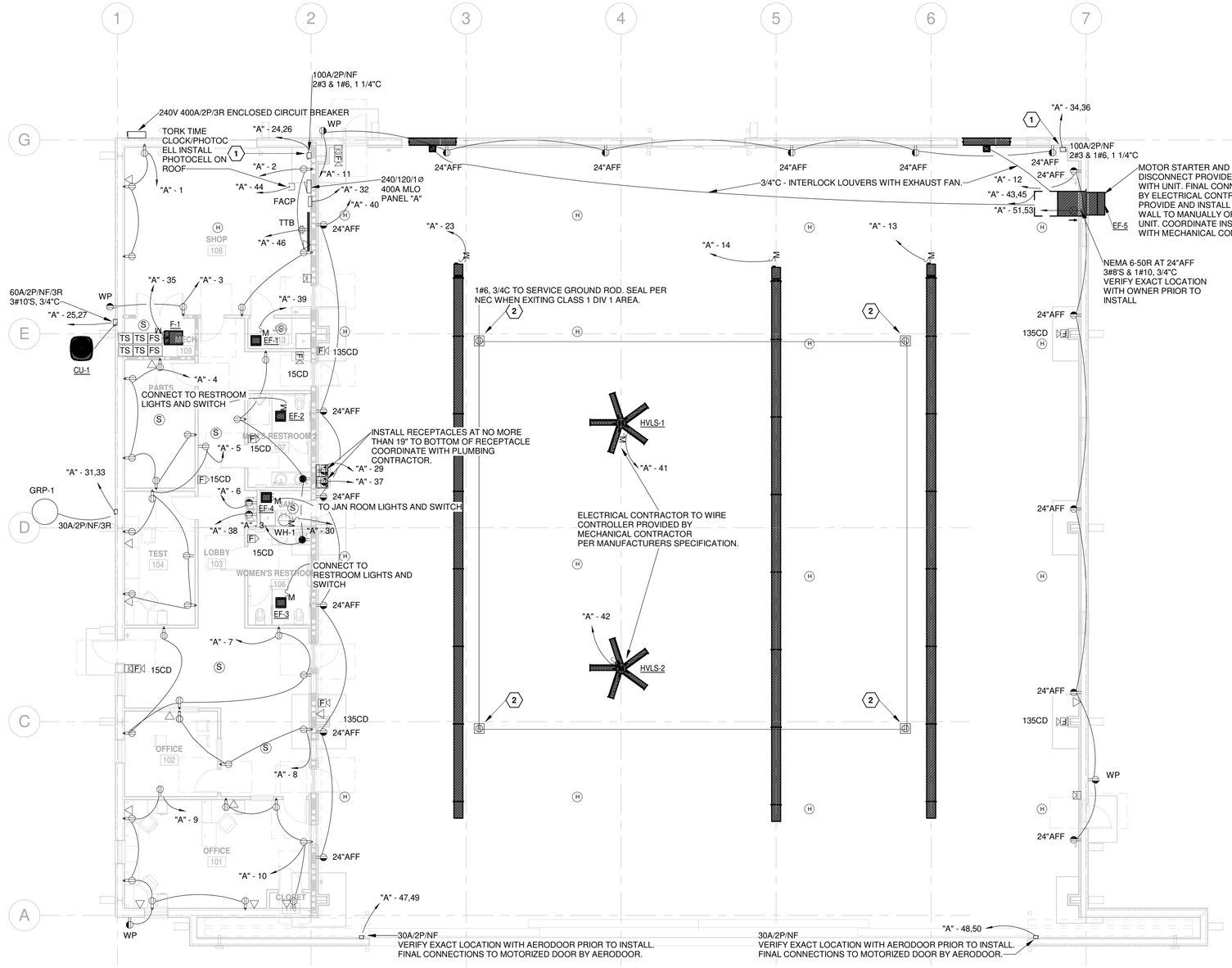
Project Number: 181261

Date: 02-05-2021

Scale: AS NOTED

Sheet # E101

CONSTRUCTION SET



NORTH

1 FLOOR PLAN - POWER AND SYSTEMS

1/8" = 1'-0"

GENERAL NOTES

1. THE CONTRACTOR SHALL WITHIN HIS PRICE INCLUDE THE COST OF A LIGHTNING PROTECTION SYSTEM. SEE SPECIFICATIONS FOR REQUIREMENTS.

KEYED NOTES

1. ELECTRICAL CONTRACTOR TO FIELD VERIFY AND PROVIDE FINAL CONNECTION TO AIR COMPRESSOR.
2. STATIC GROUND RECEPTACLE EQUAL TO ERICO #B166.VERIFY ALL LOCATIONS WITH ARCHITECT/OWNER PRIOR TO INSTALL. 1#6, 3/4"C. CAD-WELD ALL CONNECTIONS. HOMERUN TO SERVICE GROUND ROD.

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STATE OF ARKANSAS
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CHEL PRESTON HERRIN
NO. 5024

SEAL 02-05-2021

NO.	DATE	DESCRIPTION
		REVISIONS

HANGAR REPLACEMENT
3901 LINDBURG DRIVE
JONESBORO, AR 72401

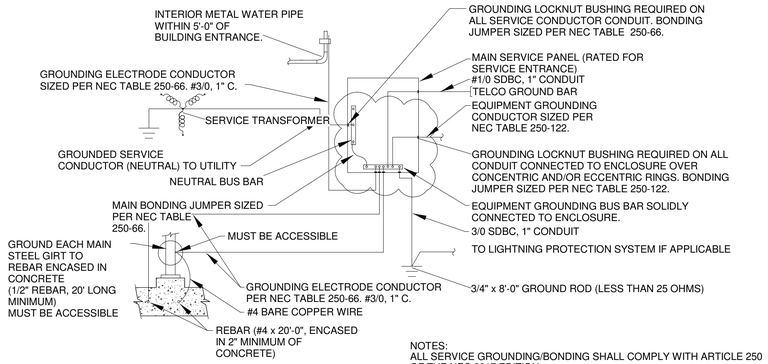
FLOOR PLAN - POWER AND SYSTEMS

Project Number: 181261
Date: 02-05-2021
Scale: AS NOTED
Sheet # E102

CONSTRUCTION SET

PLAN NORTH

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



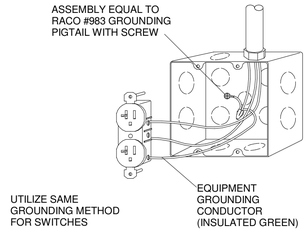
NOTES:
ALL SERVICE GROUNDING/BONDING SHALL COMPLY WITH ARTICLE 250 OF THE NEC 2017 EDITION.

ALL GROUNDING BUS TO BE SOLIDLY CONNECTED TO ENCLOSURE. USE EXOTHERMIC WELDS FOR CONNECTION TO BUILDING STEEL AND REBAR.

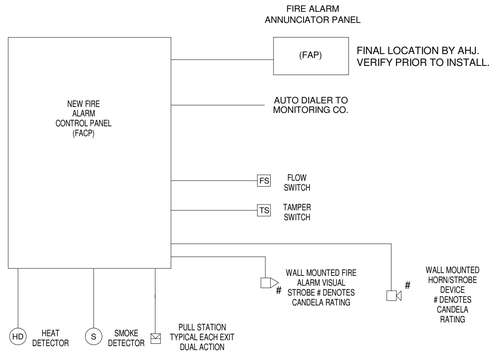
PROVIDE SYSTEM BONDING JUMPER AND GROUNDING ELECTRODE CONDUCTOR IN TRANSFORMERS SIZED PER NEC TABLE 250.66.

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 ELECTRICAL SERVICE AND GROUND DETAIL
NOT TO SCALE:



2 JUNCTION BOX GROUNDING DETAIL
NOT TO SCALE:

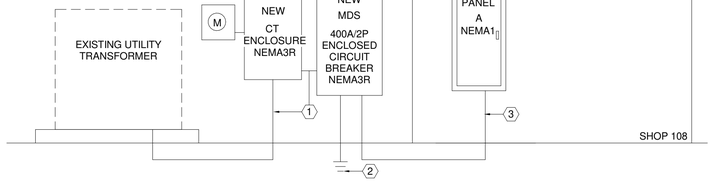


NOTES:
1. COORDINATE WITH THE LOCAL "A.H.J." PRIOR TO BIDDING THIS PROJECT.
2. FIRE ALARM CONTRACTOR TO MODIFY AS NECESSARY FOR SYSTEM PROVIDED.

3 FIRE ALARM RISER
NOT TO SCALE:

POWER RISER KEYED NOTES:

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



4 POWER RISER DIAGRAM
NOT TO SCALE:

GENERAL NOTES:

1. CONTRACTOR TO VERIFY LOCATION OF EXISTING UTILITY TRANSFORMER PRIOR TO BID.
2. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH LOCAL UTILITY PRIOR TO BID.
3. ALL COSTS AND FEES FOR SERVICE AND TEMPORARY SERVICE TO THE BUILDING SHALL BE BY THE ELECTRICAL CONTRACTOR.

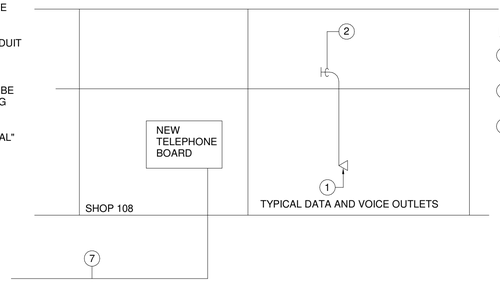
GENERAL SYSTEMS RISER NOTES:

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

   A. IN AREAS WITH DROPPED, 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.

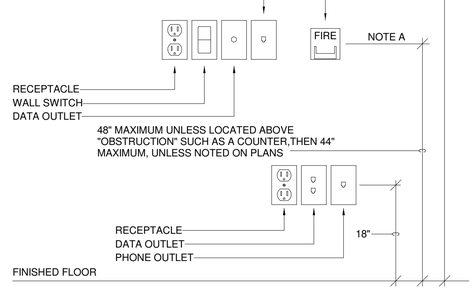
2. OUTLETS SHOWN ON THE ABOVE RISER ARE SHOWN AS "TYPICAL" AND DO NOT REPRESENT EXACT QUANTITIES NOR DO THEY DESIGNATE EXACT LOCATIONS. ALL OUTLET AND CONDUIT LOCATIONS AND QUANTITIES SHALL BE PER THE PLANS.



DATA / VOICE RISER KEYED NOTES:

1. TYPICAL OUTLET. BOX AND CONDUIT ONLY.
2. MINIMUM CONDUIT DROP SIZE TO ALL DATA AND VOICE OUTLETS SHALL BE 1" AND SHALL EXTEND FROM OUTLET BOX TO ACCESSIBLE CEILING.
3. 2-3"C WITH PULL STRING, STUB OUT 5'-0" FROM BUILDING

6 DATA RISER DIAGRAM
NOT TO SCALE:



GENERAL MOUNTING HEIGHT NOTES:

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

5 DEVICE HEIGHT MOUNTING DETAIL
NOT TO SCALE:

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CHRISTOPHER PRESTON HERRON
NO. 5624
SEAL
02-05-2021

NO.	DATE	DESCRIPTION

REVISIONS

HANGAR REPLACEMENT
3901 LINDBURG DRIVE
JONESBORO, AR 72401

ELECTRICAL DETAILS AND DIAGRAMS

Project Number: 181261
Date: 02-05-2021
Scale: AS NOTED
Sheet # E201

CONSTRUCTION SET

LIGHT FIXTURE SCHEDULE

TYPE	MANUFACTURER	CATALOG NUMBER	VOLTAGE	LAMP	COLOR	MOUNTING	NOTES
A	COLUMBIA	LJT24-35MLG-FS12125-EDU	UNV	LED	35K	GRID	2X4 TROFFER
AE	COLUMBIA	LJT24-35MLG-FS12125-EDU-ELL14	UNV	LED	35K	GRID	2X4 TROFFER WITH EMERGENCY
B	COLUMBIA	LJT22-35MLG-FS-A12125-EDU	UNV	LED	35K	GRID	2X2 TROFFER
BE	COLUMBIA	LJT22-35MLG-FS-A12125-EDU-ELL14	UNV	LED	35K	GRID	2X2 TROFFER WITH EMERGENCY
C	BROWNLEE	5180-37-CBA-H25-35K-BBI	UNV	LED	35K	WALL	WALL MOUNTED LINEAR WITH EMERGENCY
D	COLUMBIA	CSL4-4035-GLH5	UNV	LED	35K	SURFACE	LED STRIP
F	BROWNLEE	7037-C37-40	UNV	LED	40K	WALL	WALL PACK
FE	BROWNLEE	7037-C37-40-BBC	UNV	LED	40K	WALL	WALL PACK WITH EMERGENCY
G	BROWNLEE	5180-49-CBA-H32-BBI	UNV	LED	35K	WALL	WALL MOUNTED LINEAR WITH EMERGENCY
J	COLUMBIA	UTB2-735MM-EDU-WW16-N-CBA-C6HL-DLR-SCL	UNV	LED	40K	PENDANT	HIGH BAY LIGHTING W/ OCC SENSOR
JE	COLUMBIA	UTB2-735MM-EDU-WW16-N-CBA-C6HL-ELL14--DLRSCL	UNV	LED	40K	PENDANT	HIGH BAY LIGHTING WITH EMERGENCY &OCC SENSOR
EX2	DUAL-LITE	LED-1-EM-R-WW	UNV	LED	NA	WALL	EXIT LIGHT

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

Branch Panel: "A"

Location: SHOP 108
Supply From:
Mounting: SURFACE
Enclosure: NEMA 1

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

A.I.C. Rating: 22KAIC
Bus Rating: 400 A
MCB Rating: MLO

Notes:

CKT	Circuit Description	Trip (A)	Poles	A		B		Poles	Trip (A)	Circuit Description	CKT
1	RECEPTACLES - GFI BREAKER	20	1	600	600			1	20	RECEPTACLES - GFI BREAKER	2
3	RECEPTACLES - GFI BREAKER	20	1			1200	1000	1	20	RECEPTACLES	4
5	RECEPTACLES	20	1	1200	200			1	20	EWC - GFI BREAKER	6
7	RECEPTACLES	20	1			1200	600	1	20	RECEPTACLES	8
9	RECEPTACLES	20	1	1200	800			1	20	RECEPTACLES	10
11	RECEPTACLES - GFI BREAKER	20	1			1200	1200	1	20	RECEPTACLES - GFI BREAKER	12
13	H-3	20	1	500	500			1	20	H-2	14
15	LIGHTING - GFI BREAKER	20	1			1528	1518	1	20	LIGHTING - GFI BREAKER	16
17	LIGHTING - GFI BREAKER	20	1	1518	1518			1	20	LIGHTING - GFI BREAKER	18
19	LIGHTING - GFI BREAKER	20	1			1518	1528	1	20	LIGHTING - GFI BREAKER	20
21	LIGHTING - GFI BREAKER	20	1	972	586			1	20	LIGHTING	22
23	H-1	20	1			500	7600	2	80	AIR COMPRESSOR VERIFY BREAKER WITH EQUIP	24
25	CU-1	50	2	3720	7600			--	--	--	26
27	--	--	--			3720	256	1	20	EXTERIOR LIGHTING	28
29	EWC - GFI BREAKER	20	1	200	500			1	20	GAS WATER HEATER	30
31	GRP-1	30	2			1380	1500	1	20	FACP	32
33	--	--	--	1380	7600			2	80	AIR COMPRESSOR VERIFY BREAKER WITH EQUIP	34
35	F-1	20	1			500	7600	--	--	--	36
37	EWC - GFI BREAKER	20	1	200	200			1	20	EWC - GFI BREAKER	38
39	EF-1	20	1			500	1200	1	20	RECEPTACLES - GFI BREAKER	40
41	HVLS-1 - GFI BREAKER	20	1	500	500			1	20	HVLS-2 - GFI BREAKER	42
43	EF-5	25	2			1150	0	1	20	TORK TIMECLOCK/PHOTECELL	44
45	--	--	--	1150	200			1	20	TELEPHONE TERMINAL BOARD	46
47	HANGAR DOOR	20	2			2760	2760	2	20	HANGAR DOOR	48
49	--	--	--	2760	2760			--	--	--	50
51	240V WELDER	75	2			4500	0	1	20	Spare	52
53	--	--	--	4500	0			1	20	Spare	54
55	Spare	20	1			0	0	1	20	Spare	56
57	Spare	20	1	0	0			1	20	Spare	58
59	Spare	20	1			0	0	1	20	Spare	60
61											62
63											64
65											66
67											68
69											70
71											72
73											74
75											76
77											78
79											80
81											82
83											84
			Total Load:	43964 VA		48418 VA					
			Total Amps:	366 A		403 A					

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Lighting	9108 VA	100.00%	9108 VA		
Other	12234 VA	100.00%	12234 VA	**Total Conn. Load:**	92382 VA
HVAC	2300 VA	100.00%	2300 VA	**Total Est. Demand:**	36442 VA

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SEAL 02-05-2021

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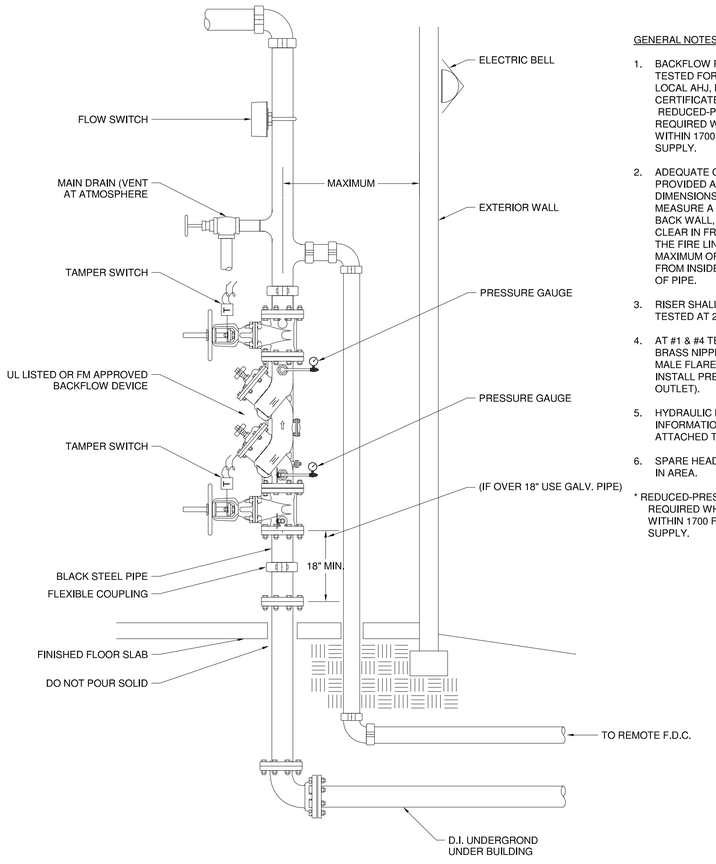
NO.	DATE	DESCRIPTION

HANGAR REPLACEMENT
3901 LINDBURG DRIVE
JONESBORO, AR 72401

ELECTRICAL SCHEDULES

Project Number: **181261**
Date: **02-05-2021**
Scale: **AS NOTED**
Sheet # **E301**

CONSTRUCTION SET

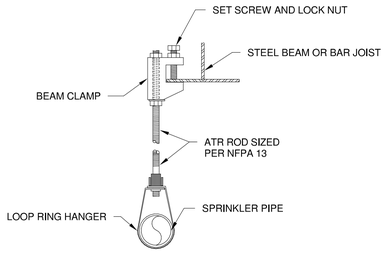


1 SPRINKLER RISER DETAIL
NOT TO SCALE:

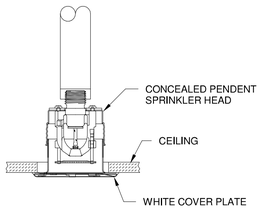
GENERAL NOTES:

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.

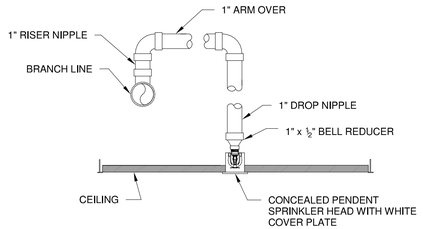
* REDUCED-PRESSURE BACKFLOW REQUIRED WHEN F.D. CONNECTION IS WITHIN 1700 FEET OF AN AUXILIARY SUPPLY.



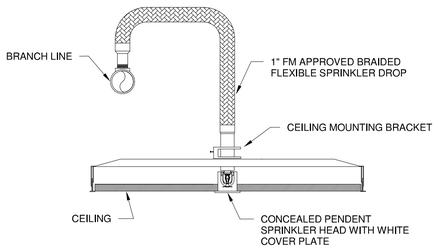
2 BEAM CLAMP HANGER DETAIL
NOT TO SCALE:



3 CONCEALED SPRINKLER HEAD DETAIL
NOT TO SCALE:



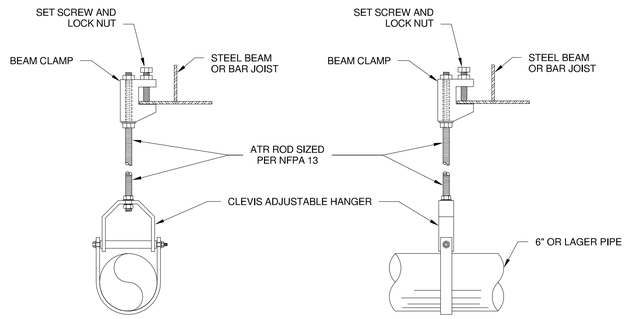
4 HARD PIPE RETURN BEND DETAIL
NOT TO SCALE:



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. PROVIDE MODIFICATIONS TO THE EXISTING FIRE SPRINKLER SYSTEM(S) TO ACCOMMODATE RENOVATIONS TO THE INDICATED HATCHED AREAS ON DRAWING. PERFORM MODIFICATIONS IN ACCORDANCE WITH ALL APPLICABLE NFPA STANDARDS, JOB SPECIFICATIONS, FM-GLOBAL REQUIREMENTS, STATE CODE AND LOCAL CODE. PROVIDE NEW SPRINKLER HEADS, PIPES, FITTINGS, VALVES, ELECTRONIC SUPERVISION, HANGERS AND APPURTENANCES AS REQUIRED. FIRE PROTECTION CONTRACTOR IS RESPONSIBLE FOR SURVEYING THE AREA OF WORK TO DETERMINE THE SCOPE OF DEMOLITION WORK REQUIRED.
7. 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.
8. 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.
9. 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.
10. 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.
11. 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.
12. BASE BID ON CAREFUL COORDINATION OF ARCHITECTURAL COMPONENTS, EXISTING AND NEW MECHANICAL DUCT, MECHANICAL AND PLUMBING PIPING, ELECTRICAL AND STRUCTURAL SYSTEMS IN THE BUILDING.
13. 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.
14. INTERFACE FIRE PROTECTION SYSTEM WITH THE BUILDING FIRE ALARM SYSTEM. REFER TO ELECTRICAL.
15. PROVIDE AND INSTALL ELECTRONIC SUPERVISION FOR ALL CONTROL VALVES.
16. 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.
17. PROVIDE AND INSTALL QUICK RESPONSE SPRINKLERS FOR LIGHT HAZARD AND ORDINARY HAZARD AREAS, UNLESS OTHERWISE NOTED.
18. 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.
19. ALL NEW WALL MOUNTED SPRINKLER HEADS SHALL BE CHROME HORIZONTAL SIDEWALLS WITH CHROME RECESSED ESCUTCHEONS, UNLESS NOTED OTHERWISE ON FIRE PROTECTION PLANS OR SPECIFICATIONS.
20. ALL NEW SPRINKLER HEADS INSTALLED IN EXPOSED STRUCTURE SHALL BE BRASS UPRIGHT, UNLESS NOTED OTHERWISE ON FIRE PROTECTION PLANS OR SPECIFICATIONS.
21. PROVIDE AND INSTALL ALL CEILING MOUNTED SPRINKLER HEADS IN THE CENTER OF CEILING TILES.
22. PROVIDE AUXILIARY DRAINS FOR ALL TRAPPED PIPING SECTIONS IN ACCORDANCE WITH NFPA 13.
23. INSTALL PIPING HORIZONTALLY AND AT RIGHT ANGLES TO WALLS AND CEILINGS.
24. ALL NEW GROOVED PIPING SHALL BE BLACK SCHEDULE 10 OR BLACK SCHEDULE 40 WITH GROOVED AND WELDED OUTLETS. FITTINGS ANDCOUPLINGS SHALL BE STANDARD GROOVED.
25. ALL NEW THREADED PIPING SHALL BE BLACK SCHEDULE 40. FITTINGS SHALL BE STANDARD "BLACK" GRADE.
26. DO NOT INSTALL ALTERNATIVE STEEL PIPE SCHEDULES ALLOWED BY NFPA 13.
27. 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.
28. 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.
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.

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STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 19764
FALLON A. LEE

SEAL 02-05-2021

REVISIONS

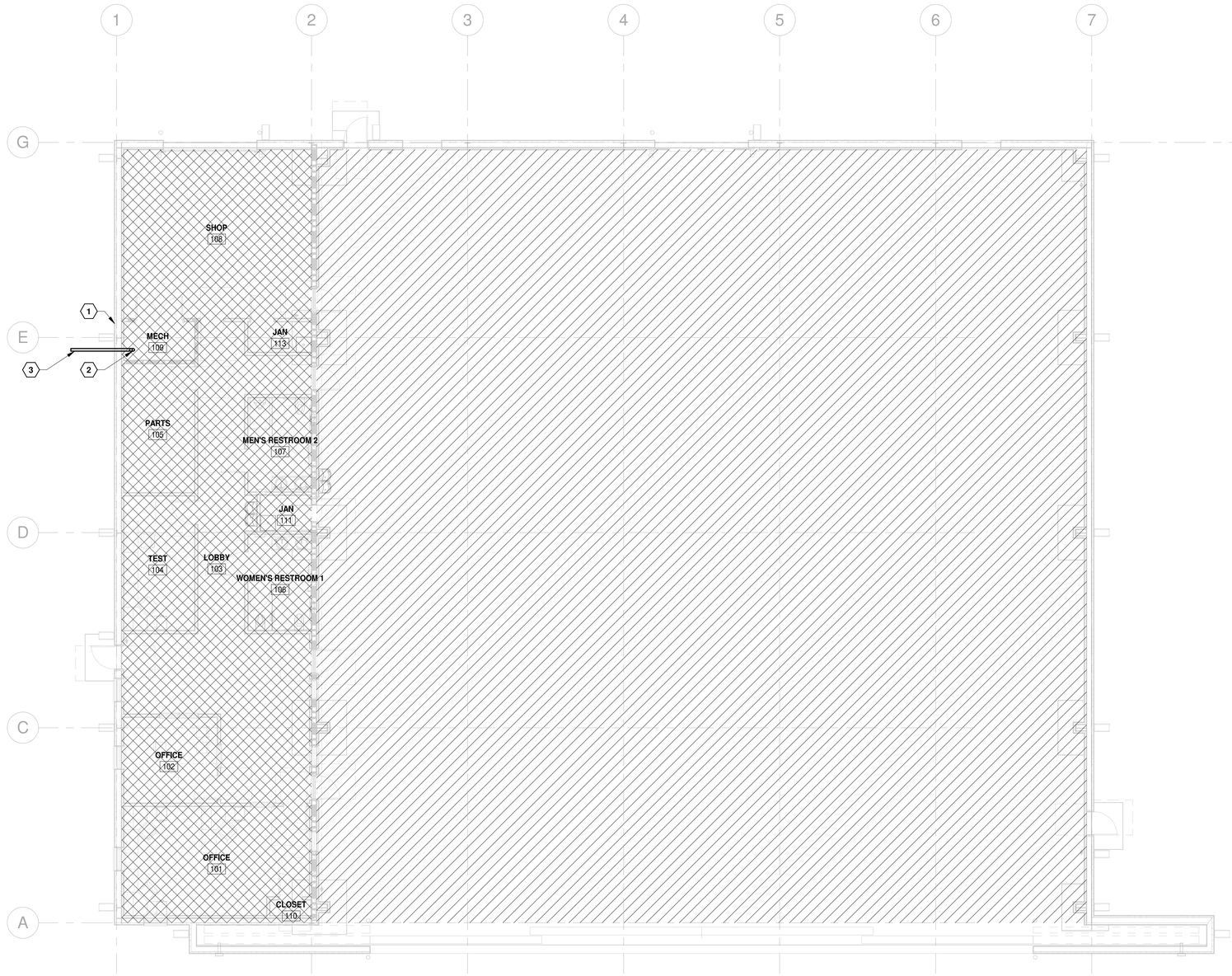
NO.	DATE	DESCRIPTION

HANGAR REPLACEMENT
3901 LINDBURG DRIVE
JONESBORO, AR 72401

FIRE PROTECTION GENERAL NOTES AND DETAILS

Project Number: 181261
Date: 02-05-2021
Scale: AS NOTED
Sheet # FP001

CONSTRUCTION SET



NORTH

1 FLOOR PLAN - FIRE PROTECTION

1/8" = 1'-0"

LEGEND

CROSS HATCH PATTERN DESIGNATES AREA AS LIGHT HAZARD.

DIAGONAL HATCH PATTERN DESIGNATES AREA AS ORDINARY HAZARD.

KEYED NOTES

1. FIRE DEPARTMENT CONNECTION LOCATION ON EXTERIOR WALL.
2. FIRE RISER LOCATION IN MECH. 109.
3. FIRE SERVICE BUILDING ENTRANCE BELOW GRADE. REFER TO CIVIL FOR CONTINUATION.

PLAN NORTH

N

0 4' - 0" 8' - 0" 16' - 0"

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

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FLOOR PLAN - FIRE PROTECTION

Project Number: 181261
Date: 02-05-2021
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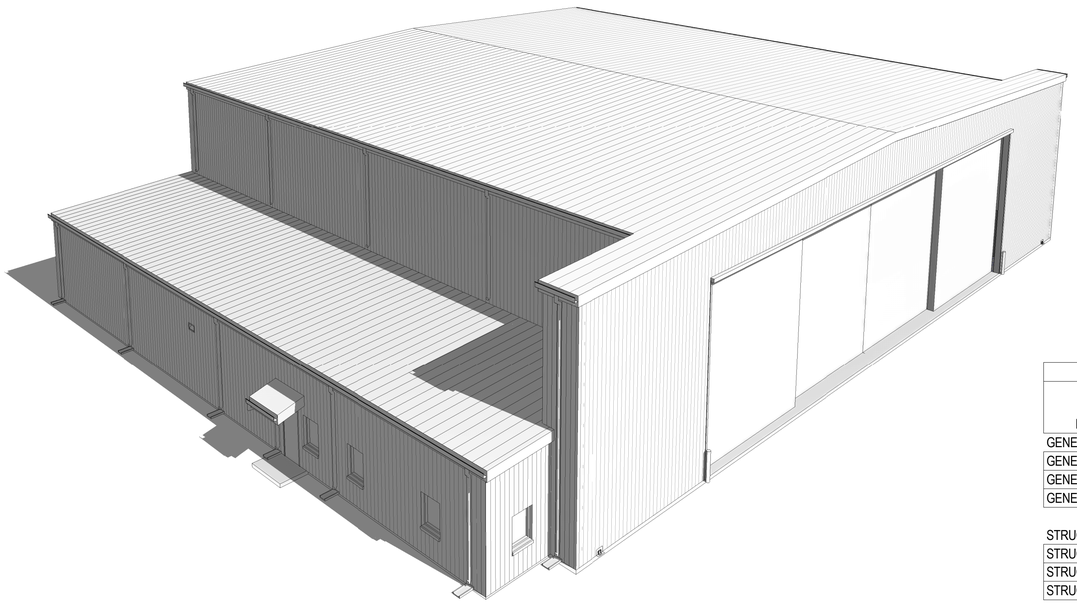
Sheet # FP101

CONSTRUCTION SET

JONESBORO MUNICIPAL AIRPORT

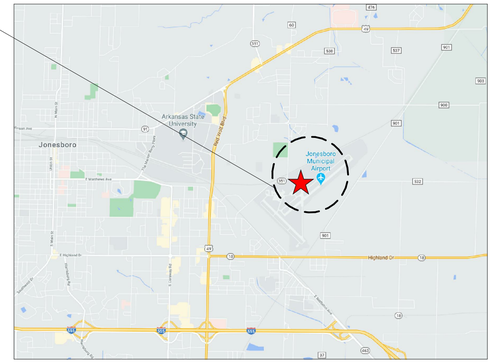
HANGAR REPLACEMENT

3901 LINDBERGH DRIVE
JONESBORO, AR 72401



CONSTRUCTION SET
02-05-2021

JONESBORO MUNICIPAL AIRPORT
3901 LINDBERGH DRIVE
JONESBORO, AR 72401



VICINITY MAP
NTS

N

JONESBORO MUNICIPAL AIRPORT

LOCATION MAP
NTS

N

SCHEDULE - SHEET INDEX

DISCIPLINE	SHEET INFORMATION NUMBER	SHEET INFORMATION NAME	SUBMISSIONS CONSTRUCTION SET
GENERAL			
GENERAL	G-001	COVER SHEET	X
GENERAL	G-101	GENERAL NOTES	X
GENERAL	G-102	CODE SCHEDULE & LIFE SAFETY PLAN	X
STRUCTURAL			
STRUCTURAL	S-001	GENERAL NOTES	X
STRUCTURAL	S-101	FOUNDATION AND SLAB PLAN	X
STRUCTURAL	S-201	FOUNDATION SECTIONS AND DETAILS	X
ARCHITECTURE			
ARCHITECTURE	A-001	ARCHITECTURAL GENERAL NOTES, MATERIAL AND ANNOTATION LEGEND	X
ARCHITECTURE	A-002	TYPICAL ADA DETAILS	X
ARCHITECTURE	AD-110	DEMOLITION FLOOR PLAN	X
ARCHITECTURE	AS-101	ARCHITECTURAL - SITE PLAN	X
ARCHITECTURE	A-110	FLOOR PLAN	X
ARCHITECTURE	A-130	ROOF PLAN	X
ARCHITECTURE	AR110	REFLECTED CEILING PLAN	X
ARCHITECTURE	A-201	EXTERIOR ELEVATIONS	X
ARCHITECTURE	A-202	EXTERIOR ELEVATIONS	X
ARCHITECTURE	A-301	BUILDING SECTIONS	X
ARCHITECTURE	A-311	WALL SECTIONS	X
ARCHITECTURE	A-312	WALL SECTIONS	X
ARCHITECTURE	A-401	ENLARGED TOILET ROOMS	X
ARCHITECTURE	A-501	DETAIL SECTION VIEWS	X
ARCHITECTURE	A-502	DETAIL PLAN VIEWS	X
ARCHITECTURE	A-601	PARTITION TYPES	X
ARCHITECTURE	A-602	ROOM FINISH SCHEDULE & SIGNAGE DETAILS	X
ARCHITECTURE	A-611	DOOR SCHEDULE, DOOR AND WINDOW ELEVATIONS	X
ARCHITECTURE	A-612	DOOR HEAD, JAMB, AND SEAL DETAILS	X
ARCHITECTURE	A-613	WINDOW HEAD, JAMB, AND SILL DETAILS	X

SCHEDULE - SHEET INDEX

DISCIPLINE	SHEET INFORMATION NUMBER	SHEET INFORMATION NAME	SUBMISSIONS CONSTRUCTION SET
FIRE PROTECTION			
FIRE PROTECTION	FP001	FIRE PROTECTION GENERAL NOTES AND DETAILS	X
FIRE PROTECTION	FP101	FLOOR PLAN - FIRE PROTECTION	X
PLUMBING			
PLUMBING	P001	PLUMBING GENERAL NOTES AND LEGEND	X
PLUMBING	P101	FLOOR PLAN - SANITARY SEWER AND VENT	X
PLUMBING	P102	FLOOR PLAN - DOMESTIC WATER	X
PLUMBING	P103	FLOOR PLAN - NATURAL GAS	X
PLUMBING	P201	PLUMBING RISER DIAGRAMS	X
PLUMBING	P202	PLUMBING RISER DIAGRAMS	X
PLUMBING	P203	PLUMBING RISER DIAGRAMS	X
PLUMBING	P301	PLUMBING DETAILS	X
PLUMBING	P401	PLUMBING SCHEDULES	X
MECHANICAL			
MECHANICAL	M001	MECHANICAL GENERAL NOTES AND LEGEND	X
MECHANICAL	M101	FLOOR PLAN -HVAC DUCTWORK	X
MECHANICAL	M201	MECHANICAL DETAILS	X
MECHANICAL	M202	MECHANICAL DETAILS	X
MECHANICAL	M203	MECHANICAL DETAILS	X
MECHANICAL	M301	MECHANICAL SCHEDULES	X
ELECTRICAL			
ELECTRICAL	E001	ELECTRICAL GENERAL NOTES AND LEGEND	X
ELECTRICAL	E101	FLOOR PLAN - LIGHTING	X
ELECTRICAL	E102	FLOOR PLAN - POWER AND SYSTEMS	X
ELECTRICAL	E201	ELECTRICAL DETAILS AND DIAGRAMS	X
ELECTRICAL	E301	ELECTRICAL SCHEDULES	X

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HANGAR REPLACEMENT
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COVER SHEET

Project Number: 181261
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Sheet # G-001

CONSTRUCTION SET

GENERAL NOTES (TYP. ALL SHEETS)

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

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.

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.

1. 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.
2. ALL WORK SHALL COMPLY WITH FEDERAL, STATE AND LOCAL CODES OR ORDINANCES.
3. DO NOT SCALE DRAWINGS. WRITTEN DIMENSIONS HAVE PRECEDENCE.
4. 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.
5. WHERE ONE DETAIL IS SHOWN FOR ONE CONDITION IT SHALL APPLY TO ALL LIKE OR SIMILAR CONDITIONS THOUGH NOT SPECIFICALLY MARKED.
6. 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.
7. THE COORDINATION OF ALL MATERIALS, LABOR AND THE SUB CONTRACTORS WORKMANSHIP IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
8. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING LOCAL BUILDING OFFICIALS AND INSPECTORS FOR PERMITS AND INSPECTIONS.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR BRACING ALL WORK DURING CONSTRUCTION AND IMPLEMENTATION OF ALL SAFETY PROCEDURES IN ACCORDANCE WITH APPLICABLE CODES.
10. ALL FIXTURES, EQUIPMENT AND MATERIALS SHALL BE INSTALLED PER THE MANUFACTURER'S SPECIFICATIONS, RECOMMENDATIONS AND SUGGESTED INSTRUCTIONS.
11. 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.
12. 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.)
13. 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.
14. DIMENSIONS ARE NOMINAL AND ARE TAKEN FROM FACE OF BLOCK WALL, CENTERLINE OF COLUMN AND FACE OF STUD U.N.O.
15. 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.
16. 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
17. MORTAR SHALL CONFORM TO ASTM C-270. TYPE S MORTAR AND TYPE M BELOW GRADE.
18. 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.
19. 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.
20. 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.
21. 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.
22. ALL NEW CONCRETE TO BE ON COMPACT TREATED FILL WITH TERMITE TREATMENT.

PARTITION NOTES (TYP. ALL SHEETS)

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.

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.

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

PARTITIONS ARE DIMENSIONED NOMINALLY, UNLESS NOTIFIED OTHERWISE.

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

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

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

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

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.

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

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

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.

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

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.

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

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.

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

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

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

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.

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

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

REF REFLECTED CEILING PLANS AND NOTES, FOR MORE INFORMATION.

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.

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

FINISH REQUIREMENTS SHALL BE DIRECTED BY OWNER AND AS FOLLOWS:

ALL FINISHES SHALL COMPLY WITH THE FOLLOWING MINIMUM REQUIREMENTS:

EXIT FINISHES, WALLS AND CEILINGS	CLASS B
EXIT FINISHES, FLOORS	CLASS II
ALL OTHER SPACES, WALLS AND CEILINGS	CLASS B
ALL OTHER SPACES, FLOORS	NO REQUIREMENTS

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

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

CLASS I INTERIOR FLOOR FINISH MINIMUM 0.45 WATTS PER SQ CM

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

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

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.

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.

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.

CEILING ACCESS PANELS SHALL BE PROVIDED IN NON-ACCESSIBLE CEILINGS BELOW THE FOLLOWING THE MECHANICAL AND PLUMBING DEVICES

- VALVES
- FLOW MEASURING DEVICES
- MIXING BOXES
- POWER OPERATED DAMPERS
- ACCESS PANEL IN DUCTWORK
- VOLUME AND BALANCING DEVICES
- WATER FLOW SWITCHES
- SPRINKLER SYSTEM DRAINS AND TEST CONNECTIONS
- PRESSURE SWITCHES
- OTHER DEVICES LOCATED ON DRAWINGS

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

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

INSTALL UNDERWRITERS LABORATORIES (U.L.) LABELED DEVICES

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

SITE NOTES

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.

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.

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.

BURNING SHALL NOT BE PERMITTED.

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

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

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

INSTALL UNDERWRITERS LABORATORIES (U.L.) LABELED DEVICES

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.

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

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.)

DO NOT MOUNT OUTLETS BACK TO BACK

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

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

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

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

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

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.

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.

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

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

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.

CHARLES POPOVICH, ARCHITECT #9683

Michael Baker
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Consultant

REGISTERED ARCHITECT
CHARLES M. POPOVICH, JR.
License Number 9683
STATE OF ARKANSAS
SEAL
02/05/2021

NO.	DATE	DESCRIPTION

REVISIONS

HANGAR REPLACEMENT
3901 LINDBERGH DRIVE
JONESBORO, AR 72401

GENERAL NOTES

Project Number: 181261
Date: 02-05-2021
Scale: AS NOTED
Sheet # G-101

CONSTRUCTION SET

Code Compliance Schedule

International Building Code (IBC)	2012
International Existing Building Code	2012
Arkansas Fire Prevention Code Vol. I: Fire	2012
Arkansas Fire Prevention Code Vol. II: Building	2012
AMC: Arkansas Mechanical Codes	2010
Arkansas Energy Code	2014
APC: Arkansas Plumbing Codes	2006
NEC: National Electric Code	2011
AFGC: Arkansas Fuel and Gas Codes	2006
ADA (ADAAG)	2010
ICC/ANSI A117.1	2009
NFPA 101 Life Safety Code	2015
NFPA 13 Fire Sprinkler Code	2013
NFPA 10 Portable Fire Extinguishers	2013
NFPA 72 Fire Alarm Code	2013
ASHRAE 90.1	2013

Project Information

Project Location:
JONESBORO MUNICIPAL AIRPORT
3901 LINDBURG DRIVE, JONESBORO, AR 72401

Owner:
JONESBORO MUNICIPAL AIRPORT
CONTACT: GEORGE JACKSON
PHONE: 870-932-1052

Architect:
MICHAEL BAKER INTERNATIONAL
1501 LBJ FREEWAY, SUITE 650
DALLAS, TX 75234
CONTACT: CHARLES POPOVICH
PHONE: 469-801-8509

Zoning/Flood Information:
Zoning Classification: I-2
Food Zone: Zone X
Finish Floor Elevation (MIN) = EL 262'-0" ABOVE SEA LEVEL.

Code Compliance Information

USE GROUP / OCCUPANCY CLASSIFICATION:
SEPARATED MIXED USE
(2012 IBC - Table 508.4)

CONSTRUCTION TYPE:
Type II B. Automatic Sprinklered
(2012 IBC - Table 601)

BUILDING DATA:
B, S-1 - Automatic Sprinklered:

	Allowed	Designed
B - Number of Floors	3	1
S-1 Number of Floors	2	1
ALLOWABLE AREA		
B Business Area	23,000 SF	2,567 SF
S-2 Storage Area	17,500 SF	10,316 SF
Total Floor Area (Most Restringent)	17,050 SF	12,883 SF

Parapet Height - N/A
Design Wind Speed = 115 mph
"R" / "U" Values: Per 2014 Arkansas Energy Code:
Craighead County Climate Zone: 3
Entirely above Roof Deck: R20ci
Metal Buildings (Roof) (with R-5 thermal Blocks): R-13 + R-13
Metal Building (walls): R-19
Metal Frame (Walls): R-13+R-3.8ci.
Glass: U < 0.60 (Table 502.3) SHGC: PF<0.25 = U-0.25 (Table 502.3)
Insulated GL; Impact Rated

RATED SEPARATIONS (IBC Table 601, 602, 508.3.3 & Ch-7)	
Occupancy Separation (IBC 508.3.3)	(Non separated)
Primary Structural Frame	0
Bearing Walls (Exterior)	0
Bearing Walls (Interior)	0
Non-bearing Walls and Partitions (Exterior)	0
Non-bearing Walls and Partitions (Interior)	0
Floor Construction and Assoc Members	0
Roof Construction and Assoc Members	0
Corridor Fire Rating (B, S-1)(IBC Table 1018.1)	0 Hour
OPENING PROTECTION:	
Exit Access Corridors (B, S-1)	2 Hour

INTERIOR FINISHES (IBC Chapter 8. Table 803.9	
Lobbies and Corridors	Class C
Exit Access Corridors	Class C
Other Spaces	Class C

FIRE SUPPRESSION SYSTEMS (IFC Chapter 9):	
Sprinklered (NFPA 13)	Yes
Standpipe (905)	N/A
Manual Fire Alarm	Yes
Automatic Fire Alarm	Yes
Fire Extinguishers (IFC Table 906.3)	
Maximum Travel Distance	<75 FT
Quantity Required = 5	Yes (6 Provided)

OCCUPANT LOAD (IBC Table 1004.1.2):	
Business Occupancy Business @ 100 SF Gross / Occupant	2,567 SF 26 Occupants
Storage Space (S-1) Storage @ 300 SF Gross/Occupant	10,316 SF 35 Occupants
TOTAL OCCUPANT LOAD	61 OCCUPANTS

EXIT CAPACITY - Factor = 0.15 IN./ OCCP. (IBC Table 1005.3.2)

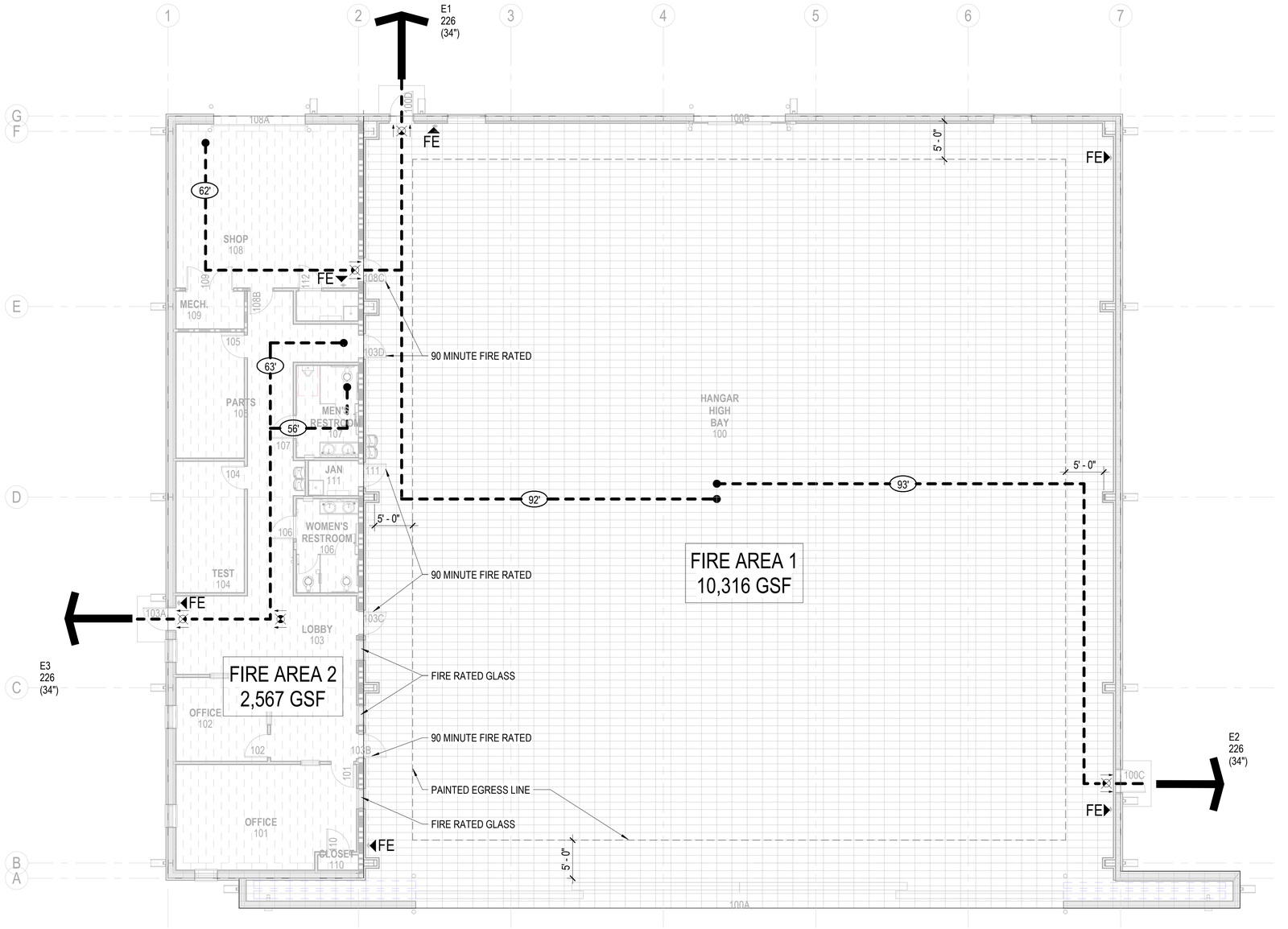
EXITS	Min Clr. Width in inches	Actual Clr. Width in inches	Occupant Capacity
E1	32	34	226
E2	32	34	226
E3	32	34	226

EGRESS REQUIREMENTS (IBC Ch 10):

Minimum Number of Exits (Table 1019.1)	2 Exits
Dead End Corridor (IBC 1018.4)	50 Feet (Max.)
Travel Distance for Exit (B) (IBC 1028.7)	250 Feet (Max.)
Travel Distance for Exit (S-1) (IBC 1028.7)	250 Feet (Max.)
Corridor / Aisle Width (Table 1018.2)	44 Inches (Min.)
Exit Door Clear Opening Width	32 Inches (Min.)
Panic Door Hardware Required Only @ Rooms w/ >50 Occupants	

Code Plan Legend

- Space Egress Tag — XX: Max Number of Occupants Thru Opening; (XX'): Direction of Travel; Clear Width of Door in Inches
- Building Egress Tag — XX: Max Number of Occupants Thru Opening; (XX'): Direction of Travel; Clear Width of Door in Inches
- FE: Fire Extinguisher (Wall Mount)
- FEC: Fire Extinguisher & Cabinet
- AED: Defibrillator & Cabinet with Alarm
- Door on Hold Open / Release Device-Connect to Fire Alarm
- CR: Doors to Have Electric Locks & Emergency Push Button Within 5'-0" of Door
- W: Egress Window
- Exit Light, Direction of Travel
- XX': Egress Travel Distance



1 LIFE SAFETY PLAN — GROSS AREA = 12,883 SF
SCALE: 1/8" = 1'-0"

PLANS/ PLAN FIRE RATED GRAPHICS	OCCUPANCY LEGEND
2 HOUR	B - BUSINESS
STUD WALLS	S-1 - STORAGE

TOTAL NUMBER OF REQUIRED FIXTURES (BASED AS PER OCCUPANCY CLASSIFICATION ANALYSIS):

OCCUPANCY	OCC. LOAD	WATER CLOSETS				LAVATORIES			DRINKING FOUNTAINS		SERVICE SINKS
		RATIO	MEN	RATIO	WOMEN	RATIO	MEN	WOMEN	RATIO	TOTAL	
B	26 TOTAL MALE (26/2)= 13 FEMALE (26/2)= 13	1 PER 25 <50	1.0	1 PER 25 <50	1.0	1 PER 40 <80	1.0	1.0	1 PER 100	1.0	1.0
		1 PER 50 >50	0.0	1 PER 50 >50	0.0	1 PER 80 >80	0.0	0.0			
S-1	35 TOTAL MALE (35/2)= 18 FEMALE (35/2)= 18	1 PER 100	1.0	1 PER 100	1.0	1 PER 100	1.0	1.0	1 PER 1000	1.0	1.0
TOTAL REQUIRED		2		2		2	2		2	2	
TOTAL PROVIDED		1 + 1 URINAL		2		2	2		2	2	

ROOF DRAINAGE ANALYSIS

100 YEAR, 1-HOUR RAINFALL (INCHES) FOR JONESBORO, ARKANSAS (Table 1106.1) = 4.0
LOWER ROOF TOTAL AREA = 2,556 SF
HIGHER ROOF TOTAL AREA = 10,609 SF (10,609/2=5,304.5, HALF OF WATER IS DISTRIBUTED TO LOWER ROOF AREA)
VERTICAL WALL TOTAL AREA (DIVIDED BY HALF PER 1106.4)= 1,755 SF/2 = 877.5 SF

LOCATION	VERTICAL LEADER SIZING					HORIZONTAL GUTTER		
	D.S. SIZE (INCHES)	QUANTITY PROVIDED	CAPACITY PER EACH (IN/HR)	CAPACITY PROVIDED	TARGET CAPACITY (AREA)	GUTTER SIZE (INCHES)	CAPACITY PER SLOPE	TARGET CAPACITY
WEST OF ROOF RIDGE	4 SQ. IN.	5	4,600	23,000	8,738 (LOWER ROOF + VERTICAL WALL + WEST OF HIGHER ROOF)	6 SQ. IN.	1,920 1/4"/FT SLOPE	1,748 (TOTAL AREA/5 D.S.)
EAST OF ROOF RIDGE	4 SQ. IN.	5	4,600	23,000	5,304.5 (EAST HIGHER ROOF)	6 SQ. IN. (FOR HIGHER ROOF ON BOTH ENDS)	1,360 1/8"/FT SLOPE	1,061 (TOTAL AREA/5 D.S.)

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SEAL 02/05/2021

REVISIONS

NO.	DATE	DESCRIPTION

HANGAR REPLACEMENT
3901 LINDBERGH DRIVE
JONESBORO, AR 72401

CODE SCHEDULE & LIFE SAFETY PLAN

Project Number: 181261
Date: 02-05-2021
Scale: AS NOTED
Sheet # G-102

CONSTRUCTION SET

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

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FALLON A LEE

SEAL 02-05-2021

NO.	DATE	DESCRIPTION

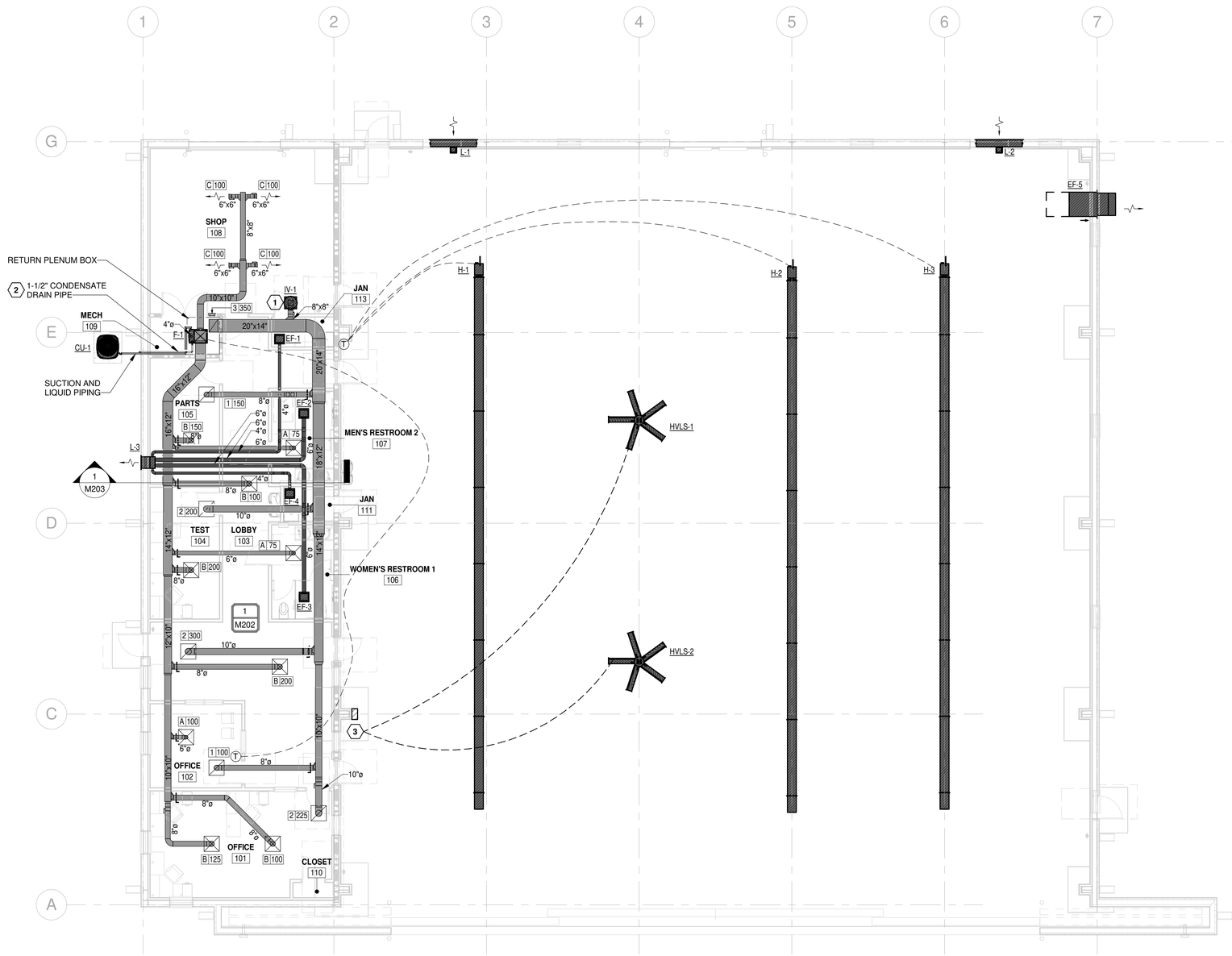
REVISIONS

HANGAR REPLACEMENT
3901 LINDBURG DRIVE
JONESBORO, AR 72401

MECHANICAL GENERAL NOTES AND LEGEND

Project Number: 181261
Date: 02-05-2021
Scale: AS NOTED
Sheet # M001

CONSTRUCTION SET



NORTH

1 FLOOR PLAN - HVAC DUCTWORK

1/8" = 1'-0"

GENERAL NOTES

1. SLEEVE AND SEAL ALL PIPING THROUGH WALLS.
2. SIZE REFRIGERANT PIPING PER MANUFACTURER'S RECOMMENDATIONS.

KEYED NOTES

1. 8"X8" OSA DUCT DOWN FROM INTAKE VENT (IV-1) ON ROOF. INTAKE VENT (IV-1) SHALL BE A MINIMUM OF 10'-0" AWAY FROM FLUE DUCT ON ROOF.
2. ROUTE 1-1/2" CONDENSATE PIPE DOWN FROM FURNACE (F-1), LOW TO FLOOR/WALL, THRU EXTERIOR WALL, TURN PIPE DOWN AND TERMINATE 6" ABOVE GRADE. PROVIDE WITH INSECT SCREEN AT END OF CONDENSATE DRAIN PIPE.
3. HVLS FAN CONTROLLER

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

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FILLON A LEE
02-05-2021
SEAL

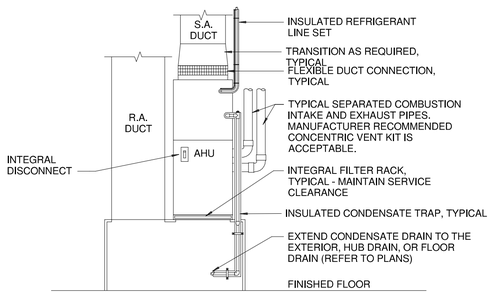
NO.	DESCRIPTION	DATE
	REVISIONS	

HANGAR REPLACEMENT
3901 LINDBURG DRIVE
JONESBORO, AR 72401

FLOOR PLAN - HVAC DUCTWORK

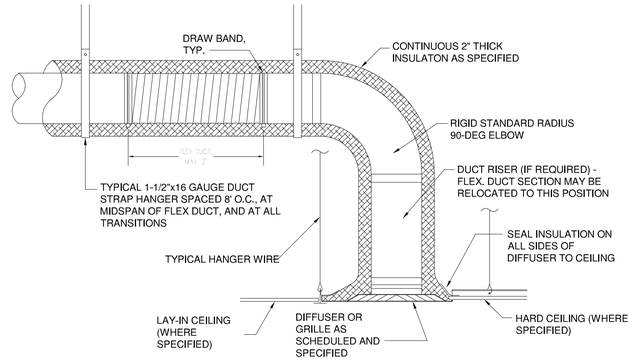
Project Number: 181261
Date: 02-05-2021
Scale: AS NOTED
Sheet # M101

CONSTRUCTION SET



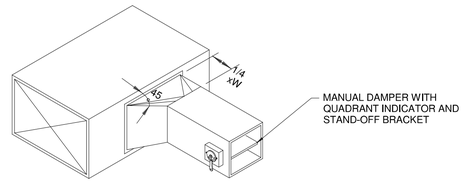
NOTES:
1. THE PLENUM/PLATFORM SHALL BE 30" HIGH. WHERE SPACE CONSTRAINTS REQUIRE THE PLENUM/PLATFORM TO BE LESS THAN 30" HIGH, IT SHALL BE AS TALL AS POSSIBLE, BUT IN NO CASE LESS THAN 24" HIGH.
2. THE AIR HANDLING UNIT PLENUM/PLATFORM SHALL BE CONSTRUCTED OF 20 GAUGE GALVANIZED SHEET METAL OVER ANGLE-IRON 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 FURNACE DETAIL
NOT TO SCALE:

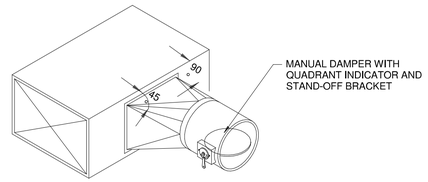


NOTE: FLEXIBLE DUCT SHALL NOT BE PERMITTED ON NEGATIVE PRESSURE DUCTWORK.

2 AIR DEVICE INSTALLATION DETAIL
NOT TO SCALE:



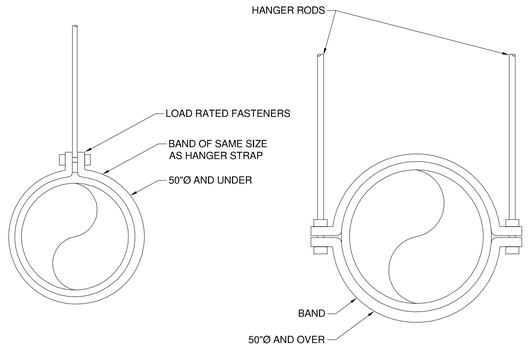
RECTANGULAR TO RECTANGULAR



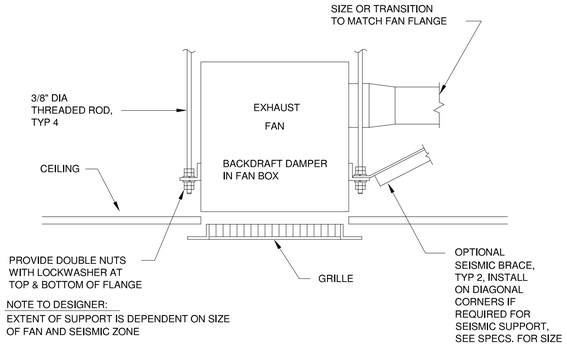
RECTANGULAR TO ROUND

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

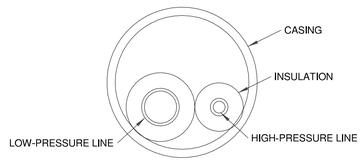


4 ROUND DUCT HANGER DETAIL
NOT TO SCALE:



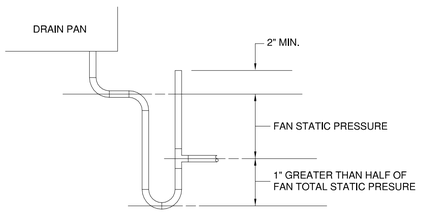
NOTE TO DESIGNER:
EXTENT OF SUPPORT IS DEPENDENT ON SIZE OF FAN AND SEISMIC ZONE

5 CEILING EXHAUST FAN DETAIL
NOT TO SCALE:

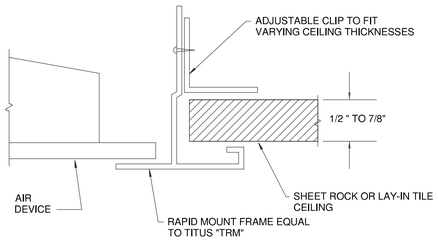


NOTES:
1. REFRIGERANT LINES MUST BE INSULATED SEPARATELY.
2. INSULATION SHALL BE A MINIMUM OF 1/2" THICK.
3. INSTALL CASING AS ONE CONTINUOUS PIECE.
4. CASING SHALL BE WATERTIGHT. IF ANY MOISTURE ENTERS THE CASING, SYSTEM PERFORMANCE WILL BE REDUCED, AND EQUIPMENT FAILURE MAY OCCUR.

6 REFRIGERANT PIPING DETAIL
NOT TO SCALE:

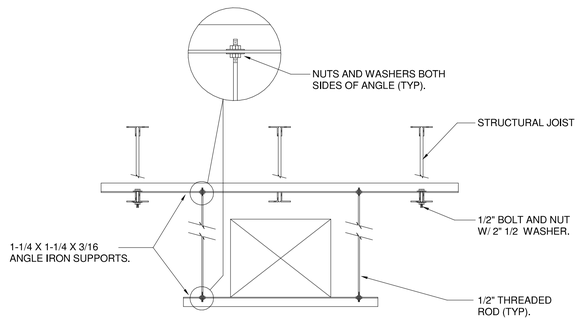


7 CONDENSATE DRAIN TRAP DETAIL
NOT TO SCALE:



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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REGISTERED PROFESSIONAL ENGINEER
No. 19764
FALLON A LEE

SEAL 02-05-2021

NO.	DATE	DESCRIPTION

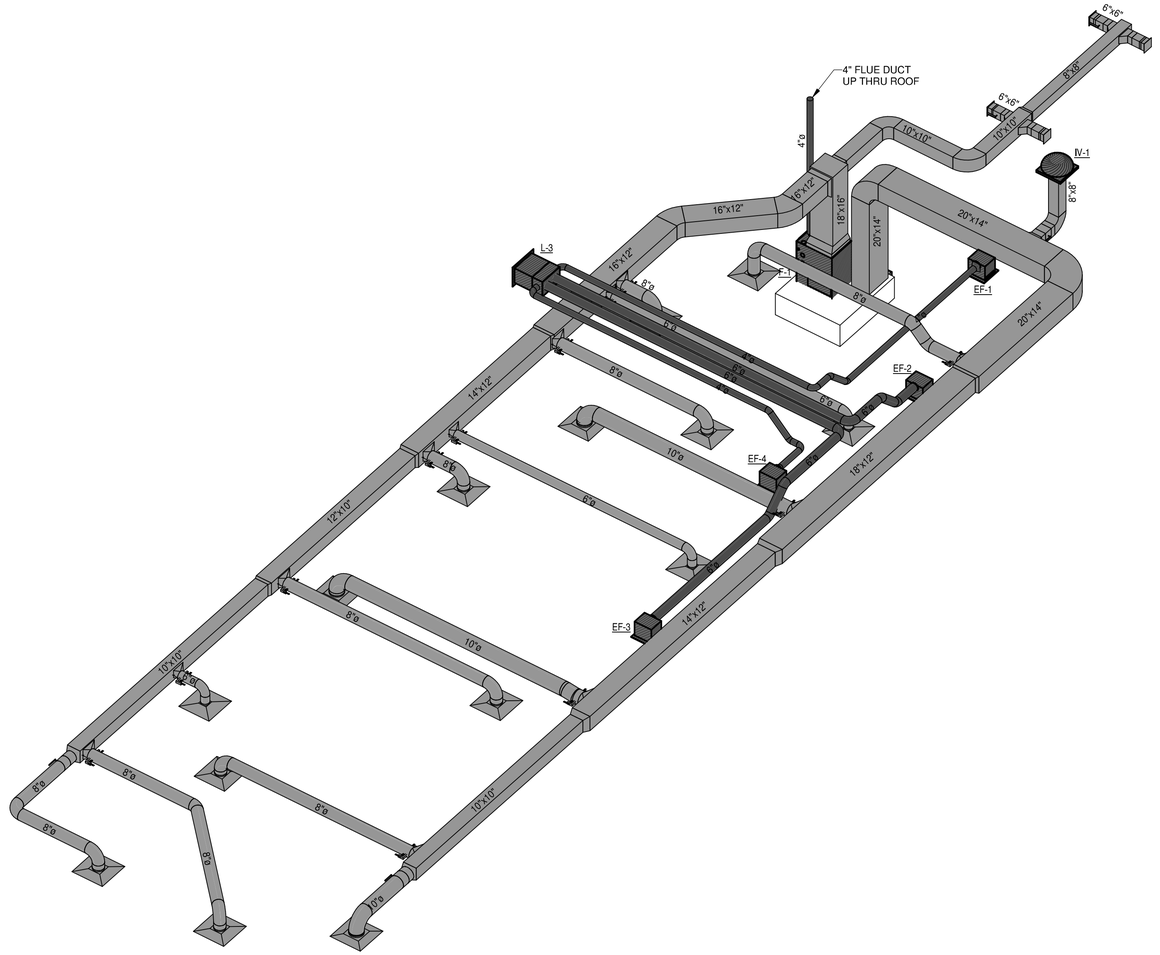
REVISIONS

HANGAR REPLACEMENT
3901 LINDBURG DRIVE
JONESBORO, AR 72401

MECHANICAL DETAILS

Project Number: **181261**
Date: **02-05-2021**
Scale: **AS NOTED**
Sheet # **M201**

CONSTRUCTION SET



1 3D VIEW - HVAC DUCTWORK
NOT TO SCALE:

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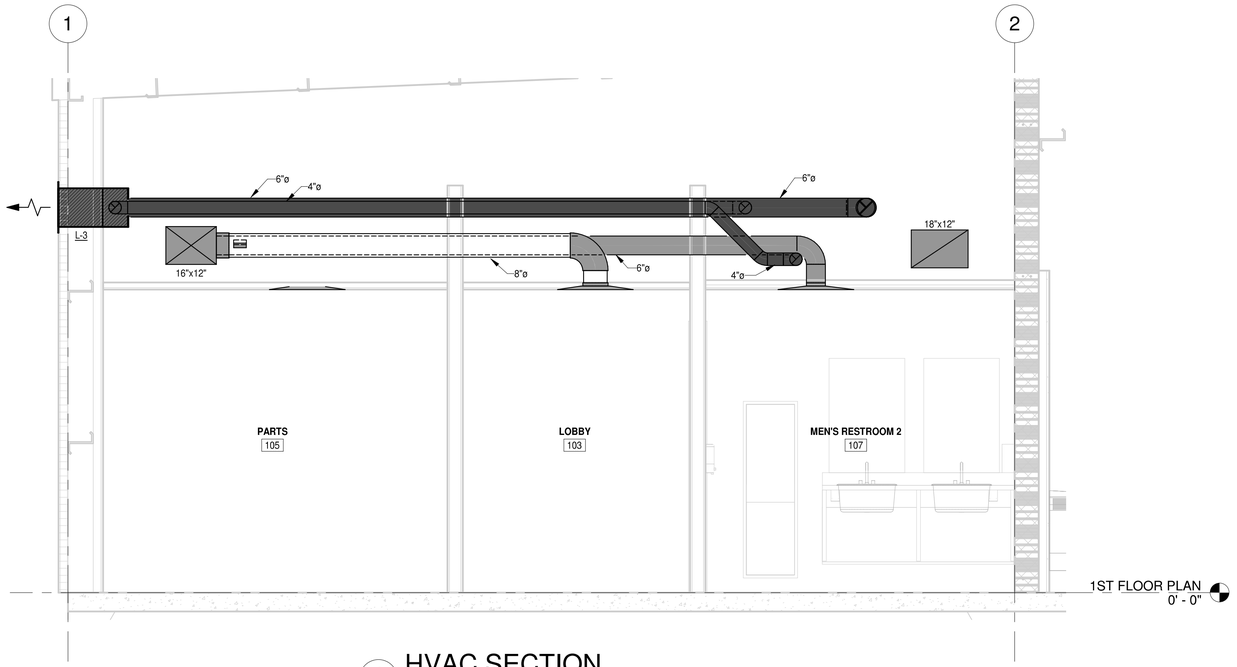
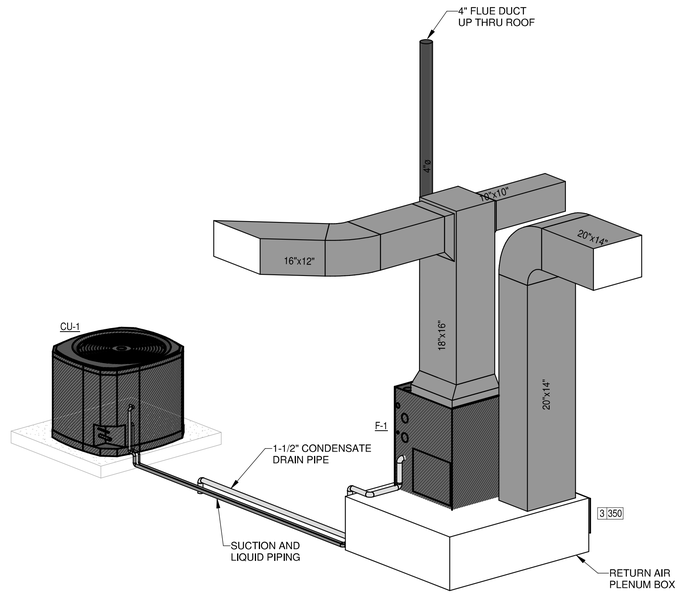
MECHANICAL DETAILS

Project Number: **181261**
Date: **02-05-2021**
Scale: **AS NOTED**
Sheet # **M202**

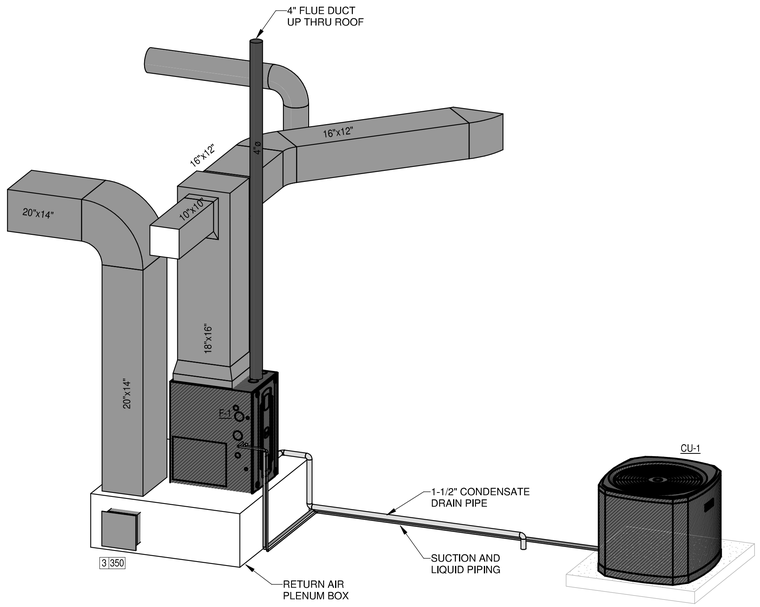
CONSTRUCTION SET



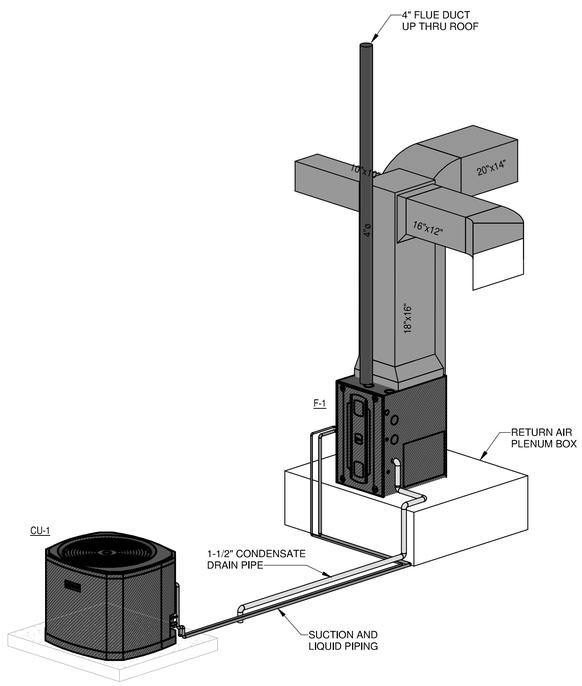
1 HVAC SECTION
1/2" = 1'-0"



2 3D VIEW - MECHANICAL ROOM 3
NOT TO SCALE:



3 3D VIEW - MECHANICAL ROOM 1
NOT TO SCALE:



4 3D VIEW - MECHANICAL ROOM 2
NOT TO SCALE:

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

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MECHANICAL DETAILS

Project Number: 181261
Date: 02-05-2021
Scale: AS NOTED
Sheet # M203

CONSTRUCTION SET

CONDENSING UNITS AND DIRECT EXPANSION COILS

DESIGNATION	REFERENCE PRODUCT	NO. OF CONDENSOR FANS	REFRIGERANT TYPE	TOTAL COOLING (MBH)	SENSIBLE COOLING (MBH)	TOTAL AIRFLOW (CFM)	OUTSIDE AIRFLOW (CFM)	AIR EDB / EWB (DEGREE F)	AIR LDB / LWB (DEGREE F)	AMBIENT AIR TEMPERATURE (DEGREE F)	MINIMUM EER	ELECTRICAL VOLTS	ELECTRICAL PHASE	ELECTRICAL MCA	ELECTRICAL MOP	REMARKS
CU-1	TRANE: 4TXCD008DS3 + 4TTR4060L1	1	R-410A	55.8	42.1	1425	270	80 / 67	58.0 / 56.8	95	11.7	230	1	31	50	INSTALL PER MANUFACTURER'S INSTRUCTIONS. PROVIDE HAIL GUARD FOR CONDENSING UNIT.

GAS FIRED DUCT FURNACE

DESIGNATION	REFERENCE PRODUCT	SERVES	AIR FLOW RATE (CFM)	OUTSIDE AIRFLOW (CFM)	TEMP RISE (DEGREE F)	NATURAL GAS INPUT (MBH)	HEATING OUTPUT (MBH)	ASSOCIATED DX/COIL CONDENSING UNIT	FLUE DIAMETER	WEIGHT (LBS)	VOLTS	PHASE	REMARKS
F-1	TRANE: S9X1C080U5PSB	OFFICE AREA	1425	270	40	80	78	CU-1	4	160	120	1	INSTALL AND MOUNT DUCT MOUNTED FURNACE PER MANUFACTURER'S INSTRUCTIONS.

EXHAUST FANS

DESIGNATION	REFERENCE PRODUCT	TYPE	SERVES	DRIVE	ROTATION (RPM)	AIR FLOW RATE (CFM)	STATIC PRESSURE (IN. WATER)	SONES	MOTOR SIZE BHP	ELECTRICAL VOLTS	ELECTRICAL PHASE	REMARKS
EF-1	GREENHECK: SPB70	CEILING	113 JAN	DIRECT	675	35	0.2	1	0.1	120	1	FAN SHALL OPERATE CONTINUOUSLY DURING OCCUPIED HOURS. INSTALL PER MANUFACTURER'S INSTRUCTIONS
EF-2	GREENHECK: SPB110	CEILING	107 MENS RR	DIRECT	950	100	0.2	1.5	0.1	120	1	INTERLOCK FAN WITH LIGHTSWITCH. INSTALL PERMANUFACTURER'S INSTRUCTIONS
EF-3	GREENHECK: SPB70	CEILING	106 WOMENS RR	DIRECT	950	100	0.2	1	0.1	120	1	INTERLOCK FAN WITH LIGHTSWITCH. INSTALL PERMANUFACTURER'S INSTRUCTIONS
EF-4	GREENHECK: SPB69	CEILING	110 JAN	DIRECT	675	35	0.2	1	0.1	120	1	FAN SHALL OPERATE CONTINUOUSLY DURING OCCUPIED HOURS. INSTALL PER MANUFACTURER'S INSTRUCTIONS
EF-5	GREENHECK: SBE-2L30	WALL MOUNTED	HANGAR	BELT	450	10,000	0.25	20	1.3	240	1	FAN SHALL BE INTERLOCKED WITH LOUVERS. PROVIDE WALL COLLAR AND BIRD SCREEN. INSTALL PER MANUFACTURER'S INSTRUCTIONS. PROVIDE MOTOR STARTER AND ELECTRICAL DISCONNECT. ON/OFF WALL SWITCH SHALL BE PROVIDED. FAN SHALL OPERATE DURING THE SUMMER TIME, WHEN WELDER IS ON, AND WHEN A PLAN IS ENTERING/EXITING THE HANGAR.

INTAKE VENTS

DESIGNATION	REFERENCE PRODUCT	SERVES	TYPE	LENGTH (INCHES)	WIDTH (INCHES)	THROAT VELOCITY (FPM)	MAXIMUM AIR FLOW (CFM)	PRESSURE DROP (IN. WATER)	FINISH	REMARKS
IV-1	GREENHECK: GRSI-8	AH-1	GRAVITY	8	8	700	300	0.1	SPUN ALUMIINUM	PROVIDE MANUFACTURER'S ROOF CURB AND INSECT SCREEN. INSTALL PER MANUFACTURER'S INSTRUCTIONS.

RADIANT HEATERS - GAS

DESIGNATION	REFERENCE PRODUCT	TUBE LENGTH (FT)	WEIGHT (LBS)	INPUT (BTU/HR)	ELECTRICAL VOLTS	ELECTRICAL PHASE	ELECTRICAL HP	REMARKS
H-1,2,3	MODINE: IPT-150-S-01-11	60	65	160	120	1	0.3	PROVIDE STRAIGHT TUBE. INSTALL PER MANUFACTURER'S INSTRUCTIONS

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: 300FL	LAY-IN	100	0.1	6 x 6	8 x 8	30	WHITE	PROVIDE 22.5 DEGREE DEFLECTION.
1	TITUS: 50F	LAY-IN EGGCRATE	300	0.095	8"	24 x 24	30	WHITE	1/2" x 1/2" x 1/2" ALUMINUM CORE. PROVIDE FILTER. USE SRG ADAPTER.
2	TITUS: 50F	LAY-IN EGGCRATE	475	0.095	10"	24 x 24	30	WHITE	1/2" x 1/2" x 1/2" ALUMINUM CORE. PROVIDE FILTER. USE SRG ADAPTER.
3	TITUS: 350RL	LAY-IN	350	0.1	10 x 10	12 x 12	30	WHITE	PROVIDE 22.5 DEGREE DEFLECTION.

LOUVERS

DESIGNATION	REFERENCE PRODUCT	TYPE	WIDTH (INCHES)	HEIGHT (INCHES)	DEPTH (INCHES)	MAXIMUM AIR FLOW (CFM)	PRESSURE DROP (IN. WATER)	FINISH	REMARKS
L-1,2	GREENHECK: EAD-634	INTAKE COMB. DAMPER/LOUVER	72	40	6	5000	0.03	ALUMINUM	PROVIDE MANUFACTURER'S BIRD AND INSECT SCREEN. PAINT TO MATCH ADJACENT SURFACE.
L-3	GREENHECK: EDJ-401	EXHAUST STATIONARY	18	12	6	270	0.06	ALUMINUM	PROVIDE MANUFACTURER'S BIRD AND INSECT SCREEN. PAINT TO MATCH ADJACENT SURFACE.

HIGH VOLUME, LOW SPEED (HVLS) FANS

DESIGNATION	REFERENCE PRODUCT	RPM	BLADE LENGTH	MOTOR HP	VOLTS / PHASE	WEIGHT (LBS)	REMARKS
HVLS-1,2	GREENHECK: DC-5-8	185	4	1/4	120 / 1	86	PROVIDE MULTI FAN CONTROLLER. INSTALL FAN AND CONTROLLER PER MANUFACTURER'S INSTRUCTIONS.

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SEAL 02-05-2021

REVISIONS

NO.	DATE	DESCRIPTION

HANGAR REPLACEMENT
3901 LINDBURG DRIVE
JONESBORO, AR 72401

MECHANICAL SCHEDULES

Project Number: 181261
Date: 02-05-2021
Scale: AS NOTED
Sheet # M301

CONSTRUCTION SET

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.
	EXISTING PIPING TO REMAIN.
	NEW PIPING
SS	SANITARY SEWER (SS)
V	VENT (V)
	COLD WATER (CW)
	HOT WATER (HW)
VTR	VENT THRU ROOF
CO	CLEANOUT PLUG
FCO	FLOOR CLEANOUT
WCO	WALL CLEANOUT
COTG	CLEANOUT TO GRADE
1 / P301	RISER DESIGNATION
	CONNECT TO EXISTING.
	POINT OF DEMOLITION.
1	REVISION DELTA

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
P-1	PLUMBING FIXTURE / EQUIPMENT DESIGNATION
FD	FLOOR DRAIN

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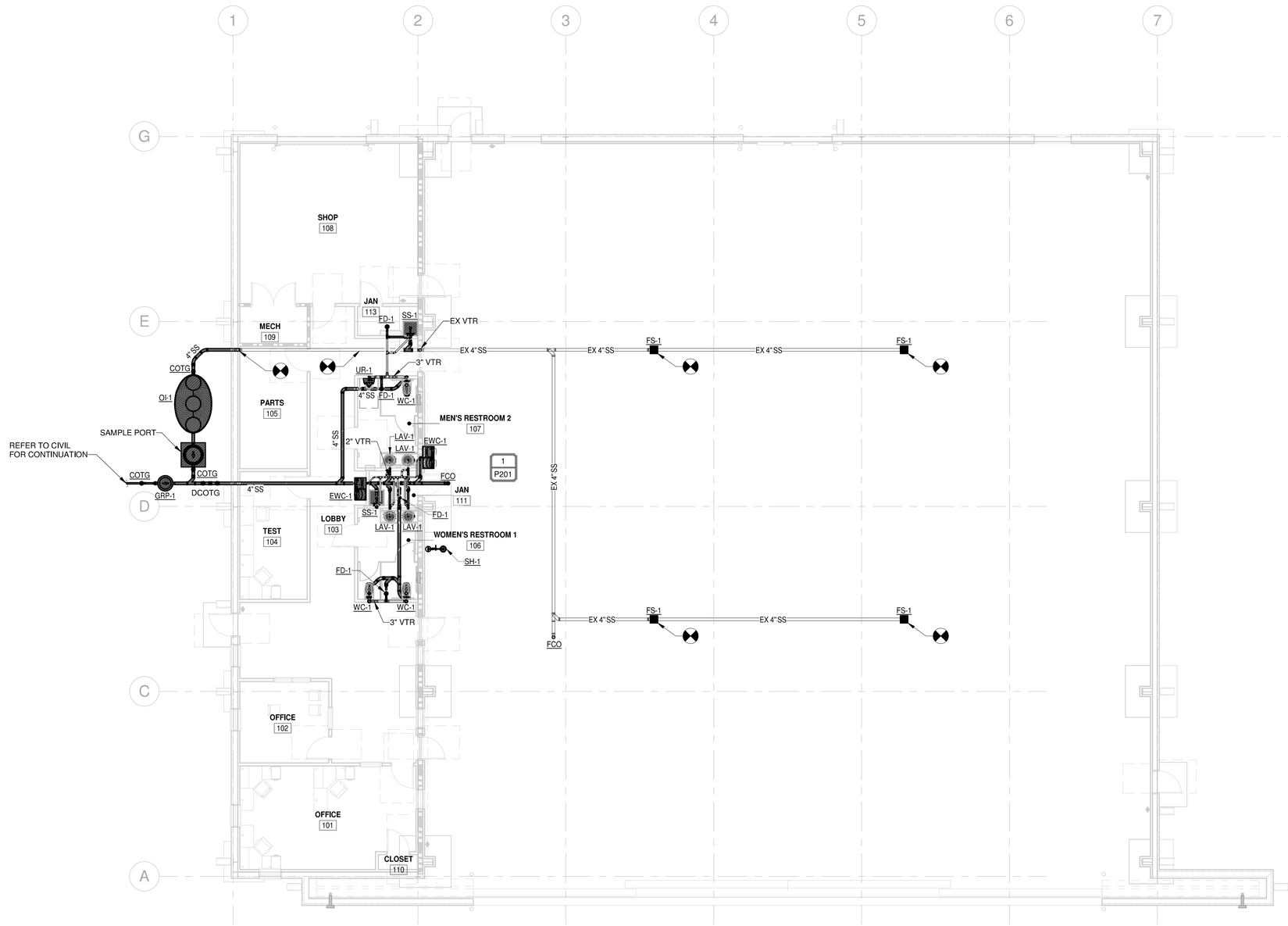
JONESBORO, AR 72401

PLUMBING GENERAL NOTES AND LEGEND

Project Number: **181261**
Date: **02-05-2021**
Scale: **AS NOTED**
Sheet # **P001**

CONSTRUCTION SET



NORTH

1 FLOOR PLAN - SANITARY SEWER AND VENT

1/8" = 1'-0"

GENERAL NOTES

1. PIPE SIZES SHOWN ON SANITARY SEWER AND VENT RISER DIAGRAM ON SHEET P201 - PLUMBING RISER DIAGRAMS.

PLAN NORTH

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

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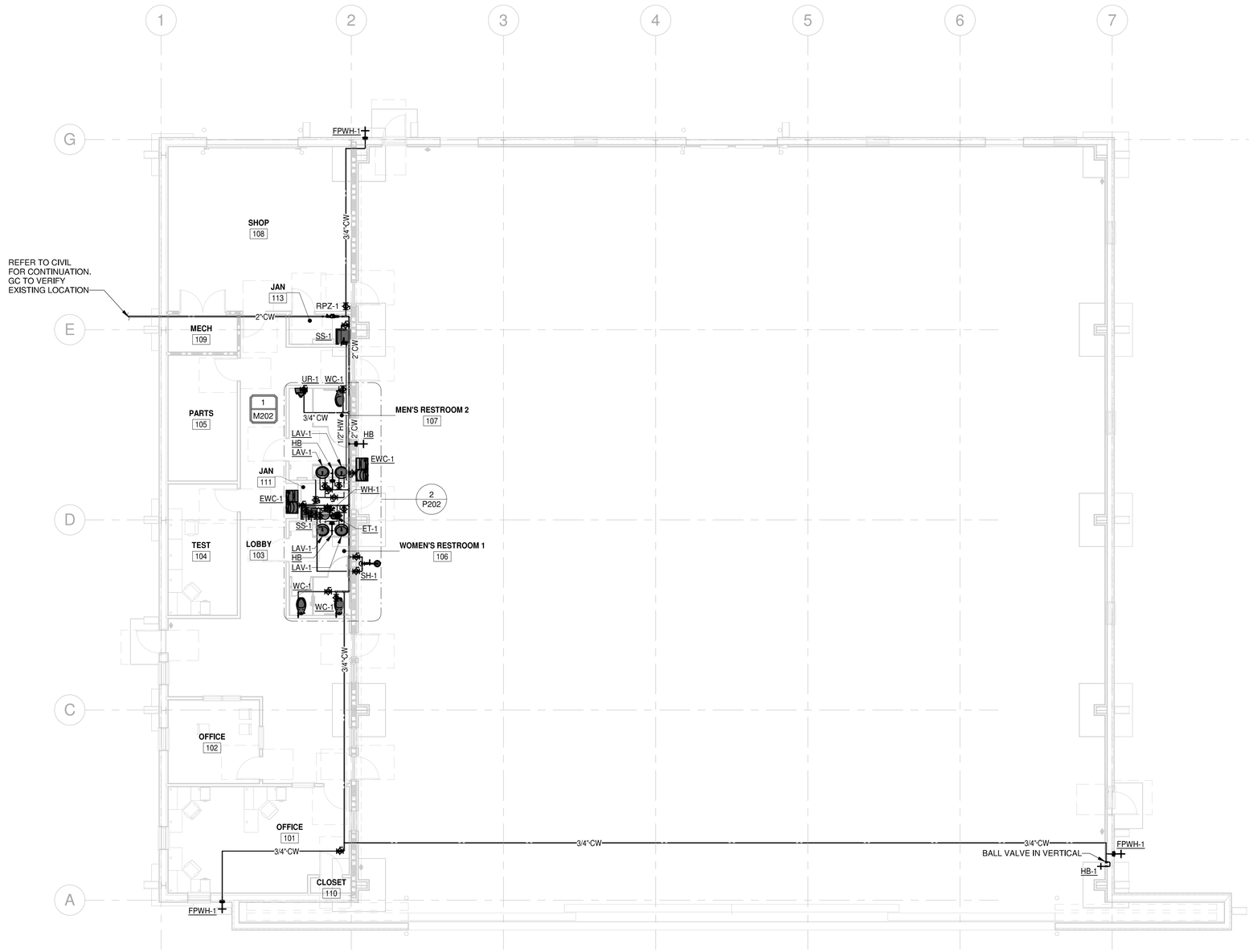
FLOOR PLAN - SANITARY SEWER AND VENT

Project Number: 181261
Date: 02-05-2021
Scale: AS NOTED
Sheet # P101

CONSTRUCTION SET



NORTH

1 FLOOR PLAN - DOMESTIC WATER

1/8" = 1'-0"

PLAN NORTH

0 4' - 0" 8' - 0" 16' - 0"

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

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FLOOR PLAN - DOMESTIC WATER

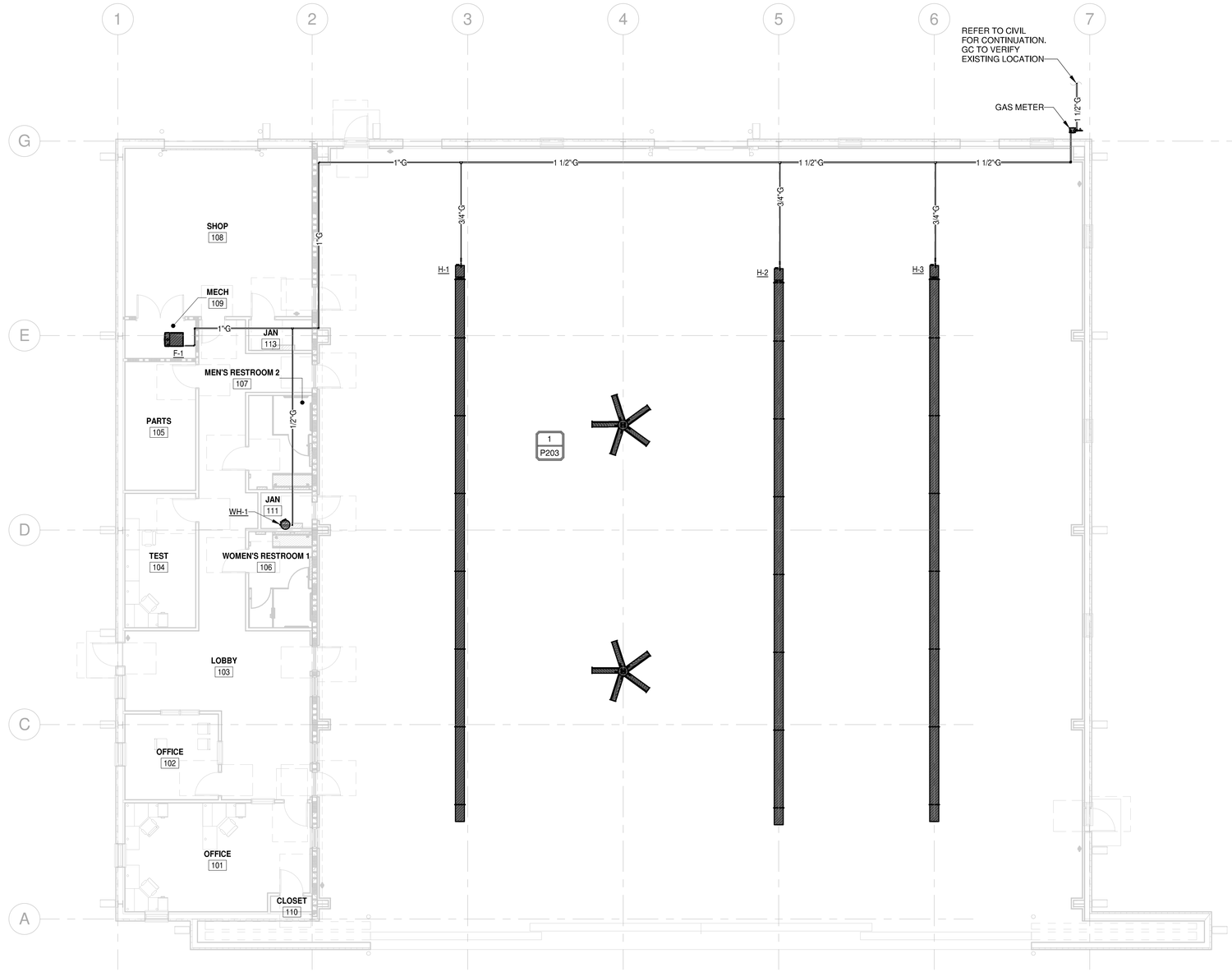
Project Number: 181261

Date: 02-05-2021

Scale: AS NOTED

Sheet # P102

CONSTRUCTION SET



NORTH

1 FLOOR PLAN - NATURAL GAS

1/8" = 1'-0"

PLAN NORTH

0 4' - 0" 8' - 0" 16' - 0"

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

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FLOOR PLAN - NATURAL GAS

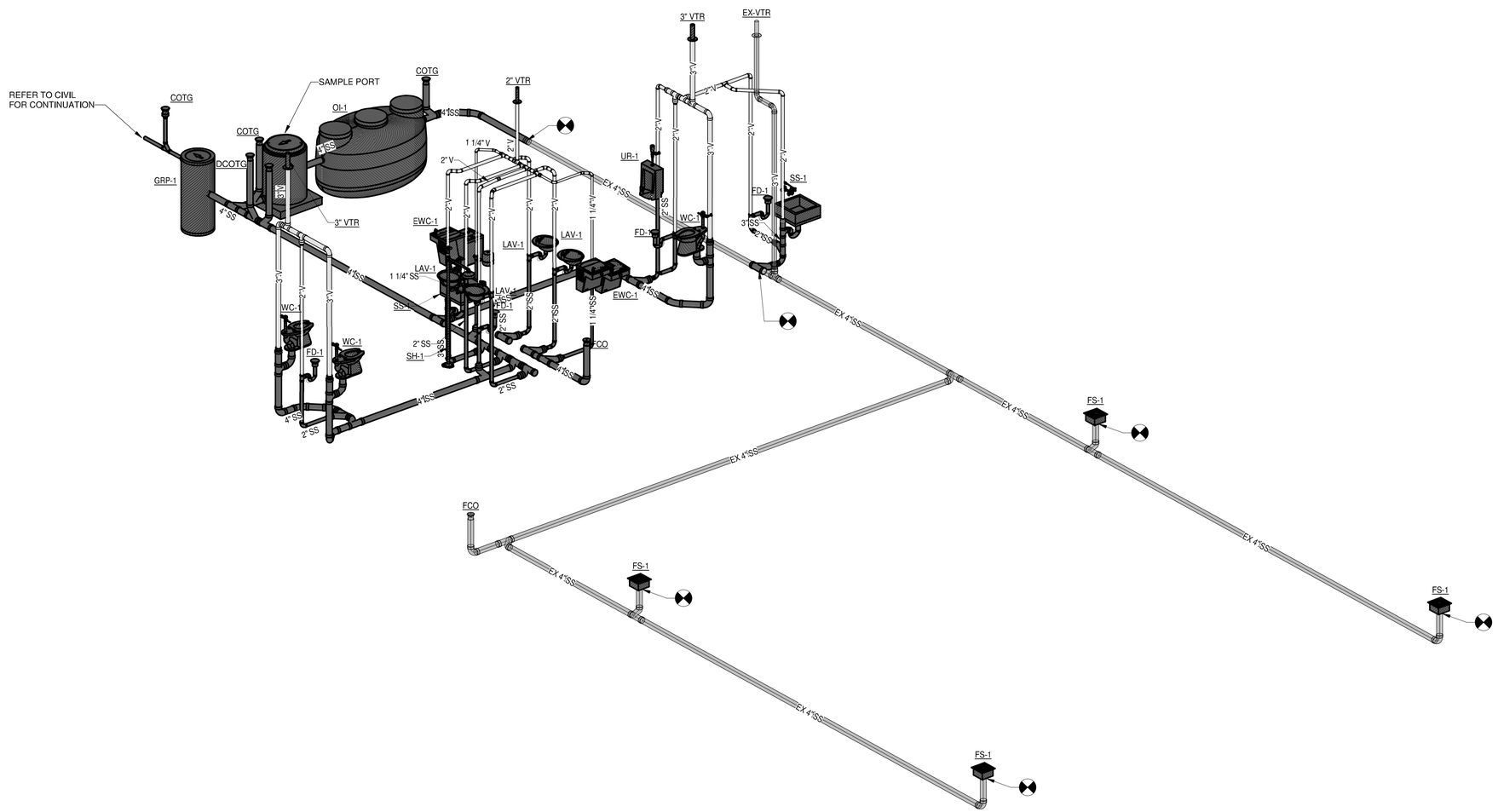
Project Number: 181261

Date: 02-05-2021

Scale: AS NOTED

Sheet # P103

CONSTRUCTION SET



1 RISER DIAGRAMS - SANITARY SEWER AND VENT
NOT TO SCALE:

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PLUMBING RISER DIAGRAMS

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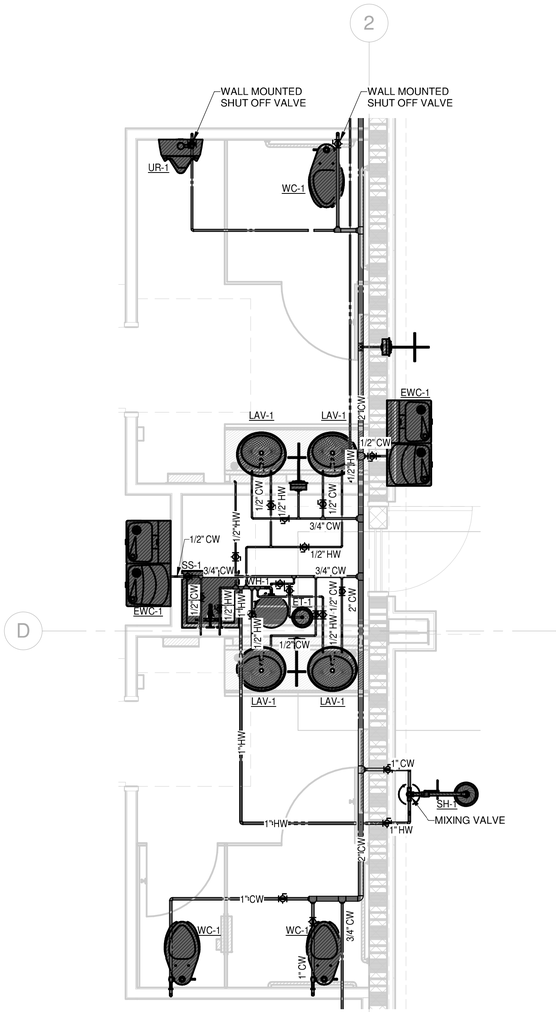
Sheet # P201

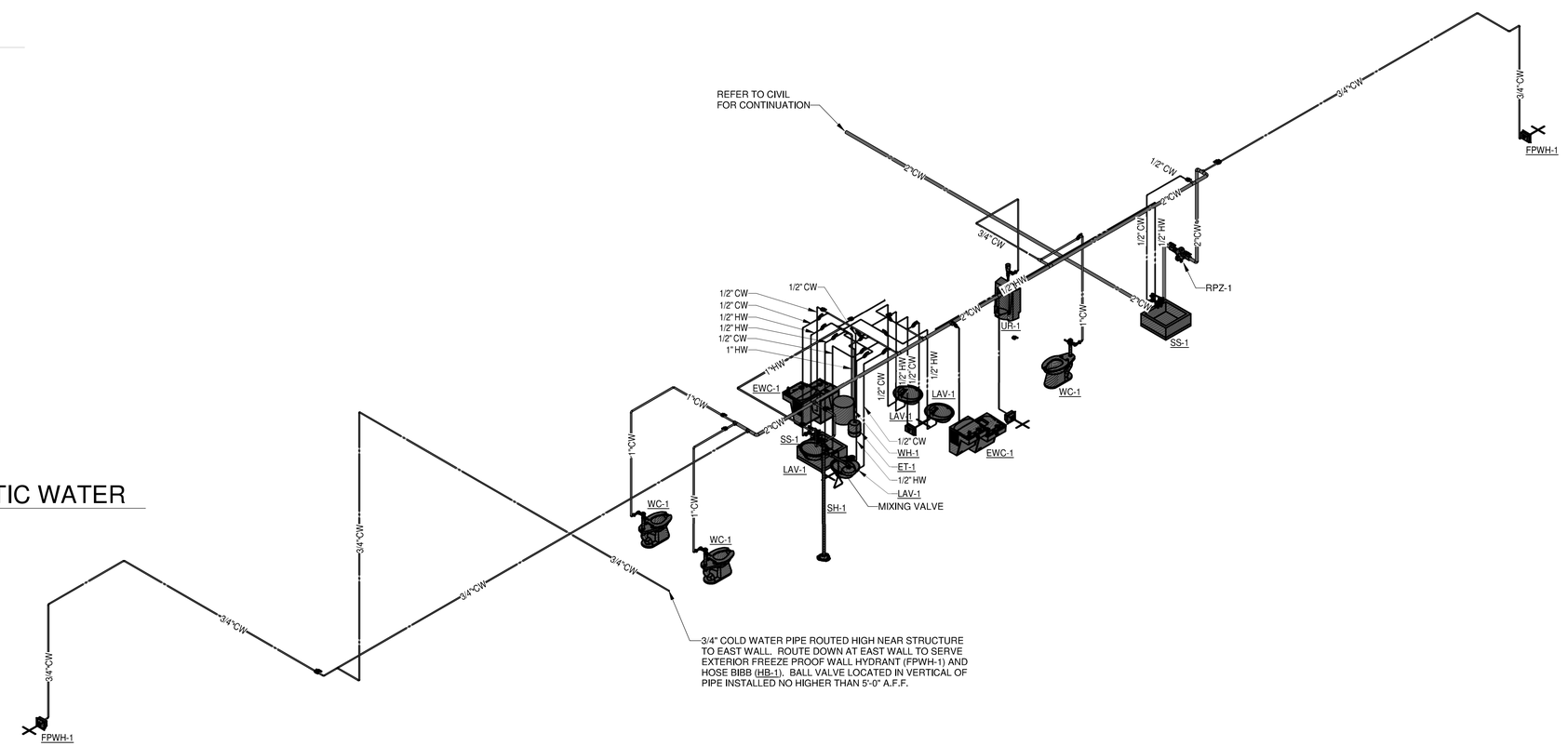
CONSTRUCTION SET



NORTH

2 ENLARGED FLOOR PLAN - DOMESTIC WATER

3/8" = 1'-0"



1 RISER DIAGRAMS - DOMESTIC WATER

NOT TO SCALE:

0 1' - 0" 2' - 0" 4' - 0"

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

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Consultant

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 19764
FALLON A LEE

SEAL 02-05-2021

NO.	DESCRIPTION	DATE

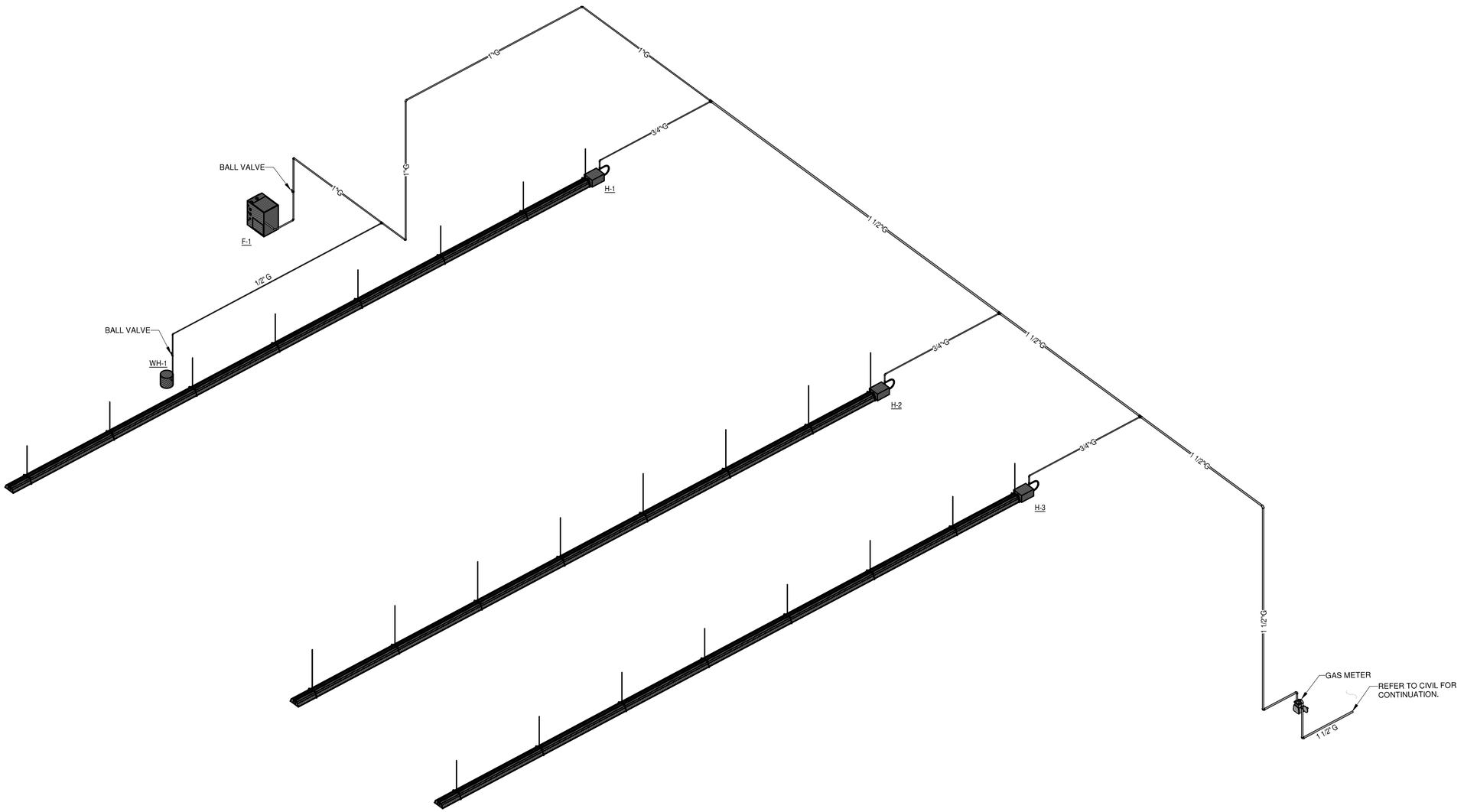
REVISIONS

HANGAR REPLACEMENT
3901 LINDBURG DRIVE
JONESBORO, AR 72401

PLUMBING RISER DIAGRAMS

Project Number: 181261
Date: 02-05-2021
Scale: AS NOTED
Sheet # P202

CONSTRUCTION SET



1 RISER DIAGRAMS - NATURAL GAS

NOT TO SCALE:

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PLUMBING RISER DIAGRAMS

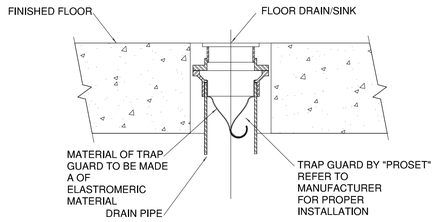
Project Number: **181261**

Date: **02-05-2021**

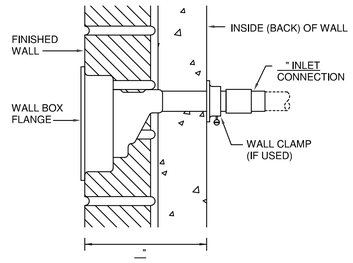
Scale: **AS NOTED**

Sheet # **P203**

CONSTRUCTION SET



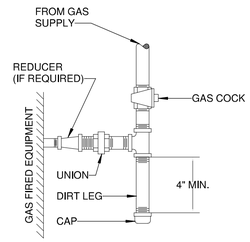
1 TRAP-GUARD DETAIL
NOT TO SCALE:



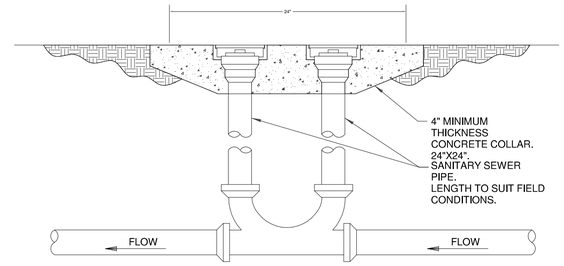
2 FREEZEPROOF WALL HYDRANT DETAIL
NOT TO SCALE:

NOTE:

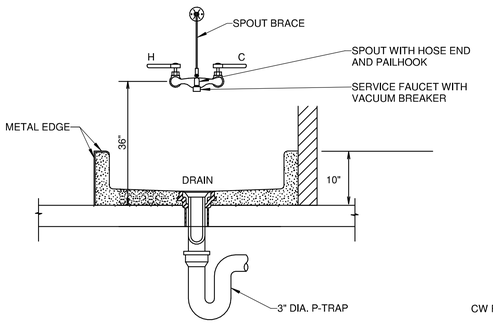
1. ALL EQUIPMENT USING GAS SHALL BE FURNISHED AND INSTALLED WITH ITS OWN GAS REGULATOR, AS RECOMMENDED BY MANUFACTURER.



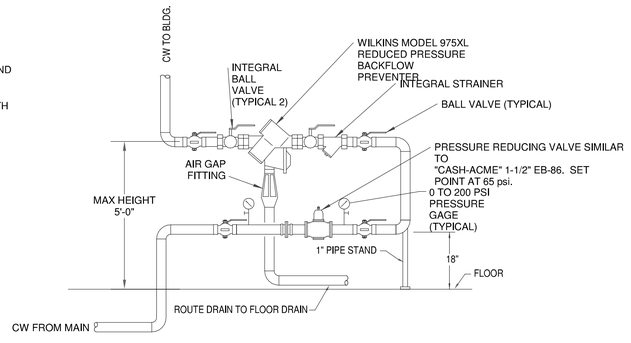
3 GAS CONNECTION DETAIL
NOT TO SCALE:



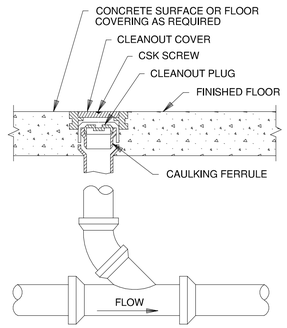
4 DOUBLE CLEANOUT TO GRADE
NOT TO SCALE:



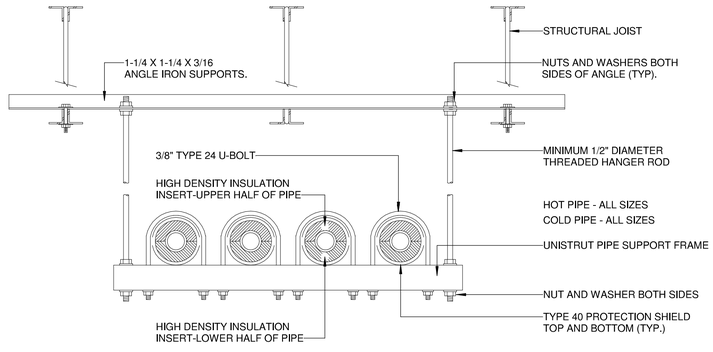
5 MOP SINK DETAIL
NOT TO SCALE:



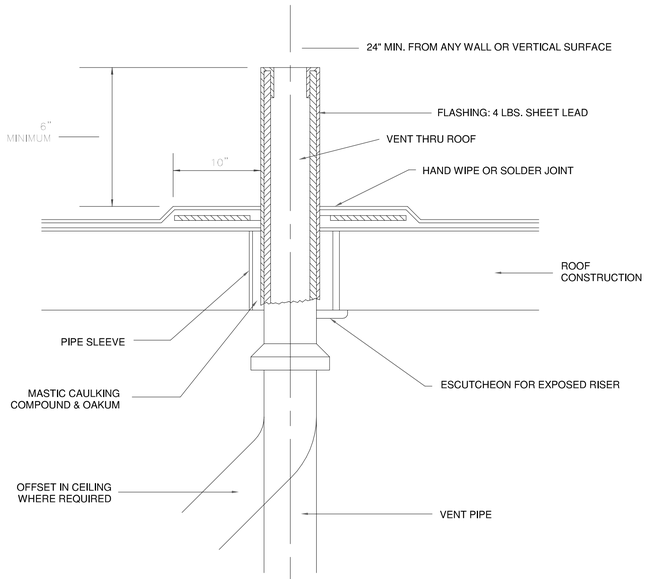
6 DOMESTIC WATER ENTRANCE DETAIL
NOT TO SCALE:



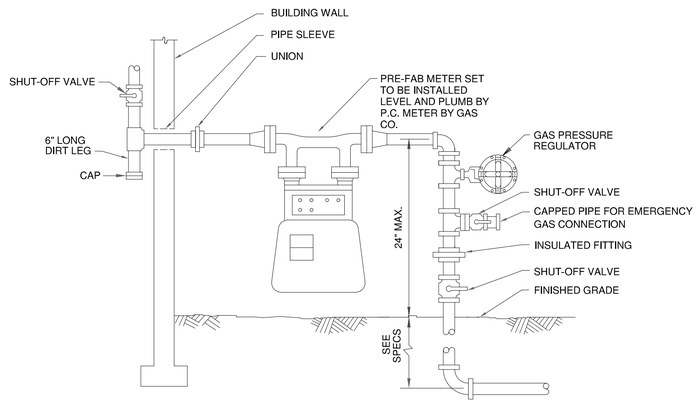
7 FLOOR CLEANOUT-FINISHED ROOMS
NOT TO SCALE:



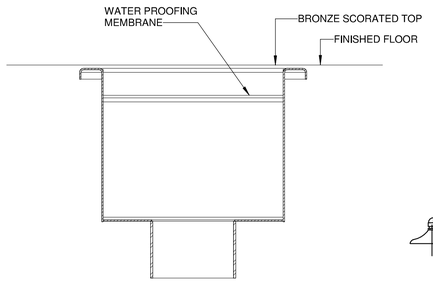
8 HORIZONTAL PIPE SUPPORT DETAIL
NOT TO SCALE:



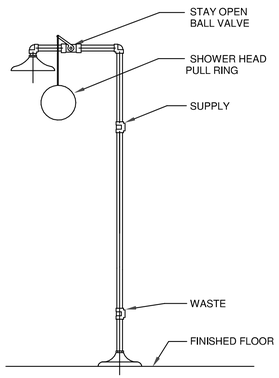
9 VENT THRU ROOF DETAIL
NOT TO SCALE:



10 GAS METER & REGULATOR DETAIL
NOT TO SCALE:



11 FLOOR SINK DETAIL
NOT TO SCALE:



12 EMERGENCY SHOWER WITH EYE WASH DETAIL
NOT TO SCALE:

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SEAL 02-05-2021

NO.	DATE	DESCRIPTION

REVISIONS

HANGAR REPLACEMENT
3901 LINDBURG DRIVE
JONESBORO, AR 72401

PLUMBING DETAILS

Project Number: 181261
Date: 02-05-2021
Scale: AS NOTED
Sheet # P301

CONSTRUCTION SET

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 "TROPIC OVA" #0405.008EC.050, T&S BRASS #B-2701 FAUCET	ZURN #Z8746-PC STRAINER, ZURN #Z8802-XL-LRLK-PC-CE STOPS, ZURN Z78700-PC TRAP, LEONARD #170A-LP-CP THERMOSTATIC MIXING VALVE	1/2"	1/2"	2"	2"	1-1/4"	ADA COMPLIANT, 20-1/2"x17-1/2", COUNTER TOP, WHITE VITREOUS CHINA, BACK 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
UR-1	URINAL ADA	AMERICAN STANDARD "WASHBROOK" #6590.001, DELANEY "SABER" #S451-0.5-T.106	ZURN Z-1221 CARRIER	3/4"	-	2"	2"	INTEGRAL	URINAL - ADA COMPLIANT, 14-1/8"x18-7/8"x45"H, WALL MOUNTED, VITREOUS CHINA, 3/4" EXPOSED TOP SPUD,WASHOUT ACTION, FLUSH VALVE - 0.5 GPF, MASHAERATOR SELF-CLEANING BYPASS DIAPHRAGM
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	EMERGENCY SHOWER	GUARDIAN G1662SSH	GUARDIAN G3600LF THERMOSTATIC MIXING VALVE	1-1/4"	1-1/4"	-	-	-	ADA COMPLIANT SHOWER SAFETY STATION, PLASTIC SHOWER HEAD, STAINLESS STEEL BOWL, POWDER-COATED CAST ALUMINUM FLAG HANDLE AND FLOOR FLANGE
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
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	WALL MOUNTED HOSE BIBB	WOODFURD MODEL 84 WITH KEY LOCK	PROVIDE TEE KEY	3/4"	-	-	-	-	ANTI SIPHON VACUUM BREAKER , 3/4" INLET AND OUTLET, PACKING NUT SECURED WITH LOCK NUT. EXTERIOR FINISH TO BE CHROME PLATED. PROVIDE LOOSE TEE KEY WITH EACH HOSE BIBB.

PLUMBING EQUIPMENT SCHEDULE

DESIGNATION	EQUIPMENT	BASIS OF DESIGN	PIPING CONNECTIONS	NATURAL GAS INPUT	ELECTRIC (VOLT / PH / HZ)	POWER	REMARKS
WH-1,	NATURAL GAS TANK WATER HEATER	AOMSITH: XCR-30R	3/4" CW, 3/4" HW, 1/2" GAS, 4" VENT, 1/2" CONDENSATE	35,500	120V/1/60	-	NATURAL GAS TANK WATER HEATER -36 GPH @ 90°F, TANK TYPE, HIGH TEMP ENAMEL TANK LINING, MAGNESIUM ANODE ROD RIGIDLY SUPPORTED, 150 PSI WORKING PRESSURE RATING, HIGH LIMIT CONTROL, CSA/ASME RATED T&P RELIEF VALVE, UL SEAL OF CERTIFICATION, COMPLETELY FACTORY ASSEMBLED. 6 YEAR WARRANTY.
ET-1	EXPANSION TANK	ZURN WTTA-5	3/4"	-	-	-	
GP-1	GRINDER STATION PUMP STATION	LIBERTY 248 LSG	1-1/4"	-	208/1	15 AMP	2 HP, PROVIDE WITH ON/OFF FLOAT SWITCH, IN NEMA 4X OUTDOOR ALARM WITH VISUAL AND AUDIBLE ALARM

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	-
FCO	FLOOR CLEANOUT	WADE 6000-1 CAST IRON, GASKETED HUB OUTLET, THREADED ADJUSTABLE HOUSING, BRONZE PLUG, NICKEL BRONZE SCORIATED TOP, VANDAL-PROOF SCREWS.	AS NOTED	-
FD-1	FLOOR DRAIN	ZURN ZN-415-S6" WITH CAST IRON BODY AND NICKEL BRONZE STRAINER.	AS NOTED	-
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	1"	-
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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SEAL 02-05-2021

NO.	DATE	DESCRIPTION

REVISIONS

HANGAR REPLACEMENT
3901 LINDBURG DRIVE
JONESBORO, AR 72401

PLUMBING SCHEDULES

Project Number: 181261
Date: 02-05-2021
Scale: AS NOTED
Sheet # P401

CONSTRUCTION SET

STRUCTURAL DESIGN CRITERIA

DESIGN SUMMARY:

THE STRUCTURAL DESIGN OF THE MAINTENANCE HANGAR CONSISTS OF A NEW PRE-ENGINEERED METAL BUILDING (PEMB) STRUCTURE THAT IS DESIGNED AND PROVIDED BY OTHERS. THERE IS AN EXISTING SLAB AND FOUNDATION SYSTEM IN PLACE THAT WILL BE UTILIZED TO SUPPORT THE NEW PEMB. THE FOUNDATION REACTIONS ARE APPROXIMATED AND WILL BE VERIFIED BASED ON THE PEMB FINAL STAMPED DRAWINGS BEFORE CONSTRUCTION BEGINS. THE EXISTING SLAB IS EXPECTED TO BE RE-USED FOR THE NEW BUILDING. HOWEVER, THE NEW BUILDING IS TALLER THAN THE PREVIOUS BUILDING, AND THEREFORE MOST OF THE EXISTING FOUNDATIONS WILL NEED TO BE STRENGTHENED TO RESIST LATERAL LOADS.

DESIGN CODE: 2012 ARKANSAS FIRE PREVENTION CODE (BASED ON THE 2012 INTERNATIONAL BUILDING CODE)

ALSO REFERENCES ASCE 7-10
RISK CATEGORY: II
GRAVITY LOADS

DEAD LOAD = MATERIAL WEIGHT PLUS COLLATERAL LOAD BY PEMB

LIVE LOADS

TYPICAL ROOF LIVE LOAD	20 PSF

SNOW LOADS

GROUND SNOW LOAD	PG= 10 PSF

SNOW DRIFT SHALL BE CONSIDERED FOR THE NEW STRUCTURE PER ASCE 7-10.

LATERAL LOADS

WIND:

ULTIMATE WIND SPEED	Vult= 115 MPH
NOMINAL WIND SPEED	Vasd=89 MPH
IMPORTANCE FACTOR	Iw=1.0
EXPOSURE CATEGORY	C

SEISMIC:

SOIL SITE CLASS	D
IMPORTANCE FACTOR	Ie=1.0
MAPPED SPECTRAL RESPONSE	SS=1.57
ACCELERATION PARAMETERS	S1=0.547
MCE/R SPECTRAL RESPONSE	SMS=1.57
ACCELERATION PARAMETERS	SM1=0.821
DESIGN SPECTRAL RESPONSE	SDS=1.047
ACCELERATION PARAMETERS	SD1=0.547
SEISMIC DESIGN CATEGORY	**D**

LATERAL SYSTEM:
STEEL ORDINARY MOMENT FRAMES BY PEMB SUPPLIER

STRUCTURAL 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. CONTRACTOR 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. EARTHWORK:

1. FOUNDATIONS ARE DESIGNED BASED ON AN ALLOWABLE BEARING CAPACITY OF 2000 PSF. THE BEARING CAPACITY SHALL BE VERIFIED BY A GEOTECHNICAL ENGINEER LICENSED IN THE STATE OF ARKANSAS.
2. COMPACT SOIL UNDER FOOTING TO 98% STANDARD COMPACTION IN ACCORDANCE WITH ASTM D698.

D. 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.
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. THE CONCRETE FOUNDATION HAS BEEN DESIGNED IN ACCORDANCE WITH ACT 1100, 1991 OF THE STATE OF ARKANSAS.

E. CONCRETE MASONRY:

1. CONCRETE MASONRY MATERIALS AND CONSTRUCTION METHODS SHALL CONFORM TO THE LATEST ACI-530.
2. REQUIRED MASONRY NET AREA COMPRESSIVE STRENGTH f'm = 2000 PSI.
3. TYPE M OR S MORTAR SHALL BE USED THAT CONFORMS TO ASTM C270.
4. GROUT SHALL CONFORM TO ASTM C476 WITH A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 2000 PSI AND SHALL BE PLACED WITH A MECHANICAL VIBRATOR.
5. THE HARDENED CMU WALL STRUCTURES SHALL BE FULLY GROUTED AND GROUTING PROCEDURE SHALL COMPLY WITH THE ACI 530.

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SEAL
02-05-2021

NO.	DATE	DESCRIPTION

REVISIONS

HANGAR REPLACEMENT
3901 LINDBERGH DRIVE
JONESBORO, AR 72401

GENERAL NOTES

Project Number: 181261
Date: 02-05-2021
Scale: AS NOTED
Sheet # S-001

CONSTRUCTION SET

FOOTING SCHEDULE		
MARK	L x W x D	REINFORCING
F72	6'-0" x 6'-0" x 2'-0"	7 - #6 EACH WAY, TOP & BOTTOM
F84	7'-0" x 7'-0" x 2'-0"	8 - #6 EACH WAY, TOP & BOTTOM
F84A	7'-0" x 7'-0" x 1'-6"	8 - #6 EACH WAY, TOP & BOTTOM

INDICATES NEW CONCRETE

INDICATES EXISTING CONCRETE TO REMAIN

NOTE:
DEMO EXISTING SLAB AS REQUIRED FOR NEW FOOTING. DEMO EXISTING CONCRETE COLUMN PEDESTAL AND EXISTING REBAR DOWN TO EXISTING FOOTING. EXISTING FOOTING TO REMAIN AS SHOWN

DOWEL INTO EXISTING TIE BEAM AS SHOWN IN DETAIL 1/S-201, TYP 5 PLACES ALONG GRID 2

EXISTING CONCRETE SLAB AND FOOTING TO REMAIN

AREA OF EXISTING SLAB TO BE REMOVED, COORDINATE WITH MECHANICAL AND ARCH; POUR NEW 6" CONCRETE SLAB WITH #4 BARS AT 18" O.C. MAX. PROVIDE 4" OF COMPACTED ROCK AND 10MIL VAPOR RETARDER UNDER SLAB.

PROVIDE #4 x24" LONG DOWELS AT 12" O.C AT ALL 4 SIDES OF NEW CONCRETE SLAB. DRILL AND EPOXY 6" INTO EXISTING SLAB

EXISTING CONCRETE SLAB TO REMAIN

NOTE:
DEMO EXISTING SLAB AS REQUIRED FOR NEW FOOTING AND NEW CONCRETE FILL. DEMO EXISTING CONCRETE COLUMN PEDESTAL AND EXISTING FOOTING.

NEW 5/" CONCRETE SLAB w/ AIR-ENTRAINMENT (5%±) w/12"x12" TURNDOWN & W.W.R. 4x4-W2.9xW2.9 (OCCURS IN 3 LOCATIONS, COORDINATE WITH ARCH)

DEMO EXISTING CONCRETE IN THIS AREA AS NECESSARY TO INSTALL RAILS FOR SLIDING DOOR.

1 FOUNDATION AND SLAB PLAN
1/8" = 1'-0"

PLAN NORTH

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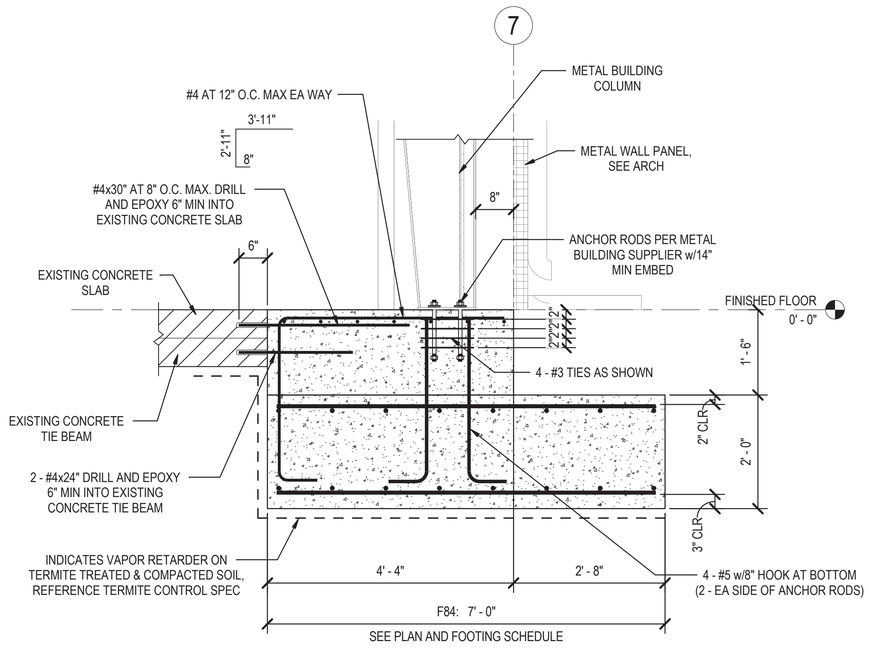
FOUNDATION AND SLAB PLAN

Project Number: 181261
Date: 02-05-2021
Scale: AS NOTED
Sheet # S-101

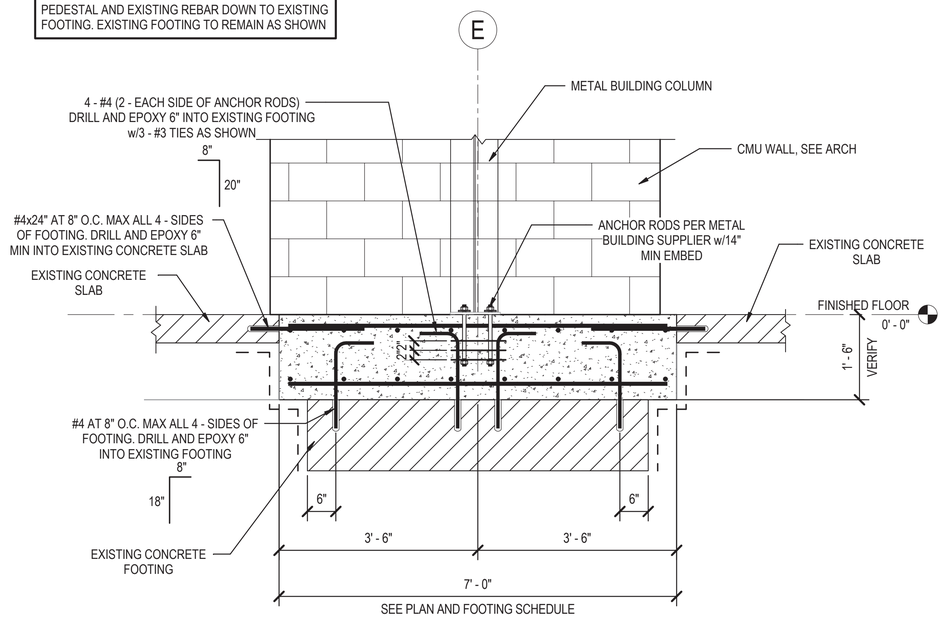
CONSTRUCTION SET



1 SECTION THRU NEW FOOTING

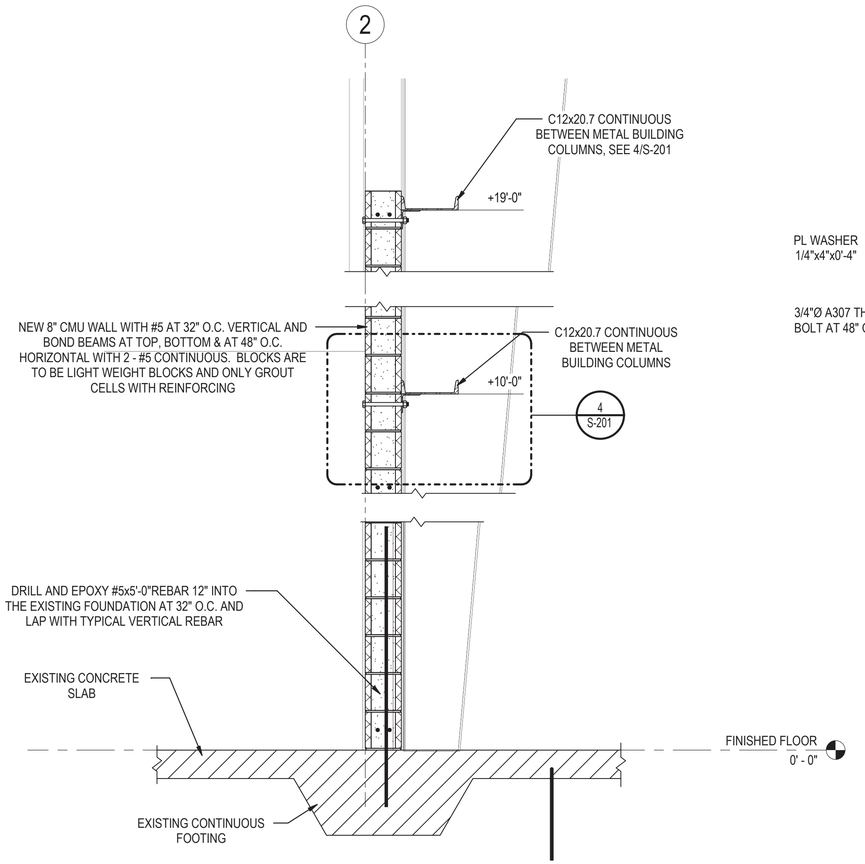
3/4" = 1'-0"

NOTE:
DEMO EXISTING SLAB AS REQUIRED FOR NEW FOOTING. DEMO EXISTING CONCRETE COLUMN PEDESTAL AND EXISTING REBAR DOWN TO EXISTING FOOTING. EXISTING FOOTING TO REMAIN AS SHOWN



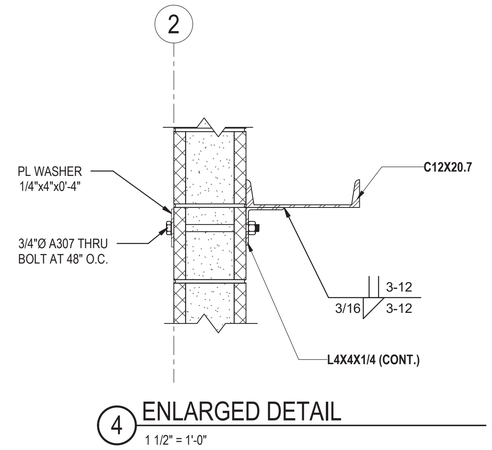
2 SECTION THRU NEW FOOTING

3/4" = 1'-0"



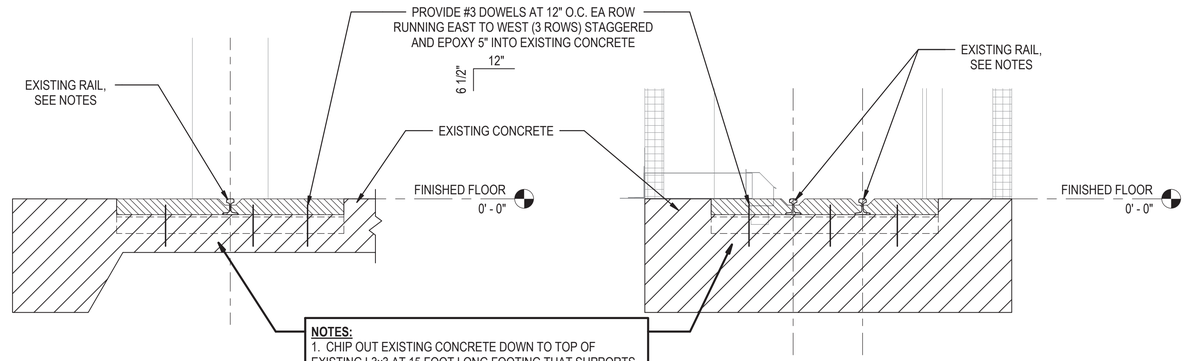
3 SECTION THRU NEW CMU WALL ALONG GRID 2

3/4" = 1'-0"



4 ENLARGED DETAIL

1 1/2" = 1'-0"



NOTES:
1. CHIP OUT EXISTING CONCRETE DOWN TO TOP OF EXISTING L3x3 AT 15 FOOT LONG FOOTING THAT SUPPORTS HANGAR DOOR.
2. REMOVE AND RESET EXISTING RAILS AS REQUIRED.
3. INSTALL NEW REBAR DOWELS AS SHOWN.
4. PROVIDE BONDING AGENT AND GROUT NEW RAILS WITH 5000 PSI NON-SHRINK GROUT.

5 SECTION THRU HANGAR DOOR

1" = 1'-0"

6 SECTION THRU HANGAR DOOR

1" = 1'-0"

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Consultant

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 12969
JORDAN W. LANE
02-05-2021
SEAL

REVISIONS

NO.	DATE	DESCRIPTION

HANGAR REPLACEMENT
3901 LINDBERGH DRIVE
JONESBORO, AR 72401

FOUNDATION SECTIONS AND DETAILS

Project Number: 181261
Date: 02-05-2021
Scale: AS NOTED
Sheet # S-201

CONSTRUCTION SET