ADDENDUM NUMBER 001

DATE: March 7, 2025

PROJECT: Jonesboro Municipal Airport Terminal
OWNER: Jonesboro Municipal Airport Commission
ARCHITECT: Cooper Mixon Architects, PLLC

TO: BIDDERS

This Addendum forms a part of the Contract Documents and modifies the original Procurement Documents dated October 14, 2024, with amendments and additions noted below.
Acknowledge receipt of this Addendum in the space provided in the bid form. Failure to do so may disqualify the bidder.
This Addendum consists of the following documents and revisions:

CHANGES TO THE PROJECT MANUAL – INTRODUCTORY REQUIREMENTS, PROCUREMENT REQUIREMENTS AND CONTRACTING REQUIREMENTS:

1. Replace Section 00 01 10 – Table of Contents with revised Section issued with this Addendum.
2. Insert (this) Section 00 91 11 – Addendum Number 001 issued with this Addendum.

CHANGES TO THE DRAWINGS:

1. Insert the following attached revised Drawings and new drawings issued with this Addendum:

Sheet	Title/Description
ARCHITECTURAL	
A-121	REFLECTED CEILING PLAN
A-142	FINISHED FLOOR PLAN – EPOXY TERRAZZO

PRE-BID RFI'S:

#	Status	Title	Question	Official response

PB RFI 1	Answered	Wood Ceilings	For clarity, will the 2300 ceiling be used in the conference room? I ask because the RCP has the conference room tagged as WD-1 (2300 Continuous Linear), but the finish schedule notes that the ceiling in the conference room should be WD-2 (2400 Tongue and Groove System)	Finish Schedule is correct. Conference room receives WD-2. Refer to drawing revised in Addendum 001.
PB RFI 2	Answered	Suspension and Debarment Name Change	Is it ok to scratch through the City of Brookland and write in Jonesboro Airport on the attached (2) forms?	No. Please use the revised Suspension and Debarment document issued in Addendum 001.
PB RFI 3	Answered	Builder's Risk	Is Airport providing Builder's Risk?	Contractor is responsible for Builder's Risk. See 005200 – Agreement Form – AIA Exhibit A - A.3.3.2.1.
PB RFI 4	Answered	Concrete Paving	Concrete paving : is area at apron to be considered aircraft parking? 12” vs 6”	The concrete apron on the runway side of the building is for aircraft (12"). The concrete to the baggage area is vehicular (6").
PB RFI 5	VOID			

PB RFI 6	Not Answered	Exterior Signage	The exterior letters are cast letters, but I am wondering if we could substitute for flat cut metal sense there is two needing bottom rail mounts. I also would like a little more clarification on how they want the logo mounted exactly I could not find a side detail on it	Will be answered in a future addendum.
PB RFI 7	Answered	Masonry Units	On the Airport Terminal Project, the masonry units called out on the plans are 16 inch by 32 inch, and the masonry units called out in the specifications is 16 inch by 24 inch, can you please confirm.	Refer to the drawings for the size of the units. Units are to be 16" x 32".
PB RFI 8	Answered	Flooring	Why are there two specification sections - one for Resinous Flooring and one for Epoxy Terrazzo? How do you transition between these materials at the kitchen?	These are two different products. Resinous Flooring is used in all the kitchen spaces. The epoxy terrazzo is use throughout the concourse and in all areas noted on the finish schedule and on A-142. See the revised sheet issued in Addendum 001 for clarification.

ADDENDUM NUMBER 002

DATE: March 14, 2025

PROJECT: Jonesboro Municipal Airport Terminal
OWNER: Jonesboro Municipal Airport Commission
ARCHITECT: Cooper Mixon Architects, PLLC

TO: BIDDERS

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CHANGES TO THE PROJECT MANUAL – INTRODUCTORY REQUIREMENTS, PROCUREMENT REQUIREMENTS AND CONTRACTING REQUIREMENTS:

1. Replace Section 00 01 10 – Table of Contents with revised Section issued with this Addendum.
2. Insert (this) Section 00 91 12 – Addendum Number 002 issued with this Addendum.
3. Replace Section 01 23 00 - Deductive Alternatives with revised Section issued with this Addendum.

CHANGES TO THE PROJECT MANUAL – SPECIFICATIONS

1. Replace Section 09 67 23 – Resinous Flooring with revised Section issued with this Addendum.
2. Replace Section 10 14 00 – Signage with revised Section issued with this Addendum.

CHANGES TO THE DRAWINGS:

1. Insert the following attached revised Drawings and new drawings issued with this Addendum:

Sheet	Title/Description
GENERAL	
G-001	COVER SHEET

CIVIL

C-3.0 DEMOLITION PLAN – BUILDING
C-4.0 SITE PLAN – OVERVIEW
C-7.0 CIVIL DETAILS – 1
C-7.0A CIVIL DETAILS – 1

ARCHITECTURAL

A-141 FINISH FLOOR PLAN AND SIGNAGE
A-202 EXTERIOR ELEVATIONS
A-301 BUILDING SECTIONS

PRE-BID RFI'S:

#	Status	Title	Question	Official response
PB RFI 6A	Answered	Signage	Could substitute flat cut metal letters for cast letters?	We will change this so that the letters are flat cut aluminum instead of cast.
PB RFI 6B	Answered	Signage	How will the airport logo be mounted?	Please see the details provided in Addendum 002.
PB RFI 9	Answered	Wood Ceiling	Substitution Request	Rulon International Closed Linear T&G and Continuous Linear products are approved substitutions.
PB RFI 10	Answered	Wood Ceiling	Substitution Request	ACGI Closed Series 1 and Open Series 2 are acceptable substitutions.

PB RFI 11	Answered	Carpet Tile	Substitution Request	Milliken is an acceptable substitution to Shaw.
PB RFI 12	VOID			
PB RFI 13	Answered	Resinous Flooring	On A-141 in the Room Finish Legend, Tnemic Ultra Tread S Series is called out in Baggage 3 room. I am not seeing that product specified in detail anywhere, are you going to add that into the spec book?	See revised Room Finish Legend and revised specification issued in Addendum 002.
PB RFI 14.1	Answered	Downspouts	Plan sheet C-5.0 "Notes": first note references Neenah R-4926-29 downspout shoes. Please confirm that the intent is for the "shoe type" that extends up the side of the building or is this just a transition component below grade shoe to transition the square downspout to the round pipe.	The downspout shoes that are referenced are transitional pieces that connect the downspout piping to the below finished grade 6" PVC.
PB RFI 14.2	Answered	Storm drains	Storm drain inlets and junction boxes are noted to be "per state standards". Please confirm that these inlets/boxes are to receive grated tops per state standards, as opposed to manhole lids.	Keynote 12 on Sheets C-4.0, C-4.1, C-4.2 is correct in referring to the ARDOT Standard Drawing (FPC-9) - Drop Inlet w/ 2'x3" Grate Inlet. All Junction boxes TYPE "E" and TYPE "ST" per Keynotes 7, 8, and 11 on Sheet C-4.0 will have manhole lids per ARDOT Standard Drawings (FPC -9) and (FPC-9S).

PB RFI 14.3	Answered	Deductive Alternatives	Spec section 01 23 00 Deductive Alternates references an Alternate #3 to deduct Waiting Room Furniture. Bid form does not include an Alternate #3 and also there is a furniture allowance.	Deductive alternate #3 has been removed in Addendum 002.
PB RFI 14.4	Answered	Temporary Fencing	Bidding documents notes a 6' tall construction fence around project site. Please confirm that this will be required.	Fencing as specified is required.
PB RFI 14.5	Answered	Fees	CWL Fees are typically not known at time of bid. Please advise if those can be paid directly by owner or if an allowance can be established for bidding.	CWL Fees will be paid by the owner. There will be no gas to the project.
PB RFI 14.6	Answered	Signage	Spec section 10 14 00 Signage notes Illuminated Graphic Panels. Please advise on quantity and location(s)	Illuminated Graphic Panels has been removed from the specification in Addendum 002.
PB RFI 14.7	Not Answered	Fire Alarm	Please provide Fire Alarm specification.	This will be addressed in a future Addendum.
PB RFI 14.8	Answered	Site Improvements	At parking lot, it appears that a portion of the existing grassed island will now be developed into new parking. Please confirm that this area is to receive new crushed stone base and asphalt.	Sheet C-4.3 shows converted island hatched to signify proposed asphalt pavement section. Asphalt pavement section details can be found on C-7.0.

END OF SECTION

ADDENDUM NUMBER 003

DATE: March 20, 2025

PROJECT: Jonesboro Municipal Airport Terminal
OWNER: Jonesboro Municipal Airport Commission
ARCHITECT: Cooper Mixon Architects, PLLC

TO: BIDDERS

This Addendum forms a part of the Contract Documents and modifies the original Procurement Documents dated October 14, 2024, with amendments and additions noted below.
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CHANGES TO THE PROJECT MANUAL – INTRODUCTORY REQUIREMENTS, PROCUREMENT REQUIREMENTS AND CONTRACTING REQUIREMENTS:

1. Replace Section 00 01 10 – Table of Contents with revised Section issued with this Addendum.

2. Insert (this) Section 00 91 13 – Addendum Number 003 issued with this Addendum.

3. Replace Section 00 41 00 – Bid Form with revised Section issued with this Addendum.

CHANGES TO THE PROJECT MANUAL – SPECIFICATIONS

1. Replace Section 26 51 00 – INTERIOR LIGHTING with revised Section issued with this Addendum.

2. Replace Section 26 56 00 – EXTERIOR LIGHTING with revised Section issued with this Addendum.

3. Replace Section 28 46 00 – FIRE DETECTION AND ALARM with revised Section issued with this Addendum.

CHANGES TO THE DRAWINGS:

1. Insert the following attached revised Drawings and new drawings issued with this Addendum:

Sheet	**Title/Description**
ARCHITECTURAL	
A-111	FLOOR PLAN
A-121	REFLECTED CEILING PLAN
A-142	FINISH FLOOR PLAN EPOXY TERRAZZO

			manufacturer. Some details show the overhangs to be fully insulated and some with no insulation. We usually insulate the over hangs with only the top layer of unfaced insulation to prevent condensation and frost line where the soffit is located outside the building envelope. How should we address the overhangs with soffit? It appears that the wall insulation will be for steel studs not metal building insulation, correct?	
PB RFI 18	Answered	Primary Feeders	What is the distance and location of the primary conduits from transformer to primary power.	See Revised Drawing with this addendum.
PB RFI 19	Answered	Resinous Flooring	Substitution Request	Substitution Request for Resinous Flooring included in this addendum is acceptable.
PB RFI 20	Answered	Roller Shades	Need clarification on scope.	See Revised Drawing with this addendum

END OF SECTION

ADDENDUM NUMBER 004

DATE: March 26, 2025

PROJECT: Jonesboro Municipal Airport Terminal
OWNER: Jonesboro Municipal Airport Commission
ARCHITECT: Cooper Mixon Architects, PLLC

TO: BIDDERS

This Addendum forms a part of the Contract Documents and modifies the original Procurement Documents dated October 14, 2024, with amendments and additions noted below.
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This Addendum consists of the following documents and revisions:

CHANGES TO THE PROJECT MANUAL – INTRODUCTORY REQUIREMENTS, PROCUREMENT REQUIREMENTS AND CONTRACTING REQUIREMENTS:

1. Replace Section 00 01 10 – Table of Contents with revised Section issued with this Addendum.

2. Insert (this) Section 00 91 14 – Addendum Number 004 issued with this Addendum.

CHANGES TO THE PROJECT MANUAL – SPECIFICATIONS

1. Section 09 30 00 – TILING: Clarification.
    a. Basis of Design PT-1 Porcelain Tile = Crossville Portugal Series

2. Section 12 25 13 – WINDOW ROLLER SHADES: Clarification
    a. 2.02 APPLICATION/SCOPE – Replace “fascia” with “aluminum shade pocket assembly per drawings.”

PRE-BID RFI’S:

#	Status	Title	Question	Official response
PB RFI 21.1	Answered	074213.23 Clarification	Is the MCM system “Wet” or “Dry” seal?	The system is a rainscreen “dry seal” system.
PB RFI 21.2	Answered	074213.23 Clarification	What are the testing requirements	Existing test report for the system submitted will be acceptable.

PB RFI 21.3	Deferred	Bid Package Question	Which trade package will provide the Z furring and insulation located behind the ACM [MCM] panels?	The assignment of work is the responsibility of the General Contractor.
PB RFI 22	Answered	Canopy Substitution	Archetype for both 10 73 00 10 73 16	See (2) attached approved requests.
PB RFI 23	Answered	Roof Pitch and Insulation	Is the lower roof insulated and what is the pitch?	Yes. All roofs are insulated. Pitch is 2:12.
PB RFI 24	Answered	Deflection Limits PEMB	What are the deflection limits for the PEMB?	See sheet S-002 Notes MB-2 and specification.
PB RFI 25	Answered	PEMB Substitution	MBCI for PEMB	See attached approved request.
PB RFI 26	Answered	TWIC cards	Will TWIC cards be required	No
PB RFI 27	Answered	Roof Panel Substitution	PAC-Clad	See attached approved request.
PB RFI 28	Answered	Shades Substitution	Draper	Approved

END OF SECTION

ADDENDUM NUMBER 005

DATE: April 1, 2025

PROJECT: Jonesboro Municipal Airport Terminal
OWNER: Jonesboro Municipal Airport Commission
ARCHITECT: Cooper Mixon Architects, PLLC

TO: BIDDERS

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1. Replace Section 00 01 10 – Table of Contents with revised Section issued with this Addendum.

2. Insert (this) Section 00 91 15 – Addendum Number 005 issued with this Addendum.

CHANGES TO THE PROJECT MANUAL – SPECIFICATIONS

1. Section 08 70 10 – DOOR HARDWARE: Revision.
   a. Replace set 13 with the following:

SET 13	Door(s) 104, 106,		
Each To Have:			
MC	3 ea	Hinge	TA3816 4.5” x 4.5” US26D
SA	1 ea	Multi-Point Lockset	FM7301 x LSL x US26D
NO	1 ea	Closer	8501 x SN x 689
RO	1 ea	Kick Plate	K1050 (10” x DW – 2”) US32D
RO	1 ea	Wall Stop	406 or 409 x US32D
RO	3 ea	Silencers	608

- FEMA RATED DOOR ASSEMBLY

   b. Delete Set 14 – No longer used

2. Section 12 25 13 – WINDOW ROLLER SHADES: Clarification
   a. While Draper is an acceptable substitution controls must be wired. Remote is not acceptable.

PRE-BID RFI’S:

#	Status	Title	Question	Official response
PB RFI 29.1	Answered	Fire Protection	Warranty	5 year – per specification
PB RFI 29.2	Answered	Fire Protection	Ductile Iron vs PVC	Ductile iron within 5 feet of building. Refer to civil
PB RFI 29.3	Answered	Fire Protection	FDC: Free standing or wall mounted & Brass versus Chrome	Wall mounted chrome
PB RFI 30.1	Answered	Tile	Finish schedule only indicates WT-1 as a wainscot in the public areas	WT-1 and WT-2 are the same tile but with different patterns. Tile on columns is higher than wainscot.
PB RFI 30.2	Answered	Tile	WT-2 restroom tile. Is it on 4 walls?	Tile is on all walls in all restrooms.
PB RFI 30.3	Answered	Tile	There looks to be another wall tile around janitors sink	Use WT-2 at janitors sink.
PB RFI 30.4	Answered	Tile	Is there porcelain base trim?	No
PB RFI 31	Answered	Weather Barrier	Is the weather barrier on top or behind continuous insulation?	Continuous insulation has an integrated weather barrier.
PB RFI 32	Answered	Wood Ceiling	Need confirmation regarding ceiling planking…	For scope, refer to RCP hatch patterns in addition to finish schedule.
PB RFI 33	Answered	Bollards	Is it a stainless sleeve on B1 and B2? What is the difference in B1 and B2? How many B1 bollards.	B1 is a removable version of B2. See plans for location and quantity. Refer to attached for basis of design information.
PB RFI 34	Answered	Fire Alarm	Substitution Request	Honeywell/Gamewell is an acceptable substitution. See attached.
PB RFI 35	Answered	Data/Tele	Please clarify note #7 on Sheet E-201.	Change note to say, “Owner shall furnish AND INSTALL the following: Patch Panels, Cabling, Jacks, Faceplates, and Terminations. FURTHER CLARIFICATION… Contractor to install conduit and backboxes.
PB RFI 36	Answered	Terrazzo Colors	Epoxy colors in spec do not match the drawings.	Use the Specification

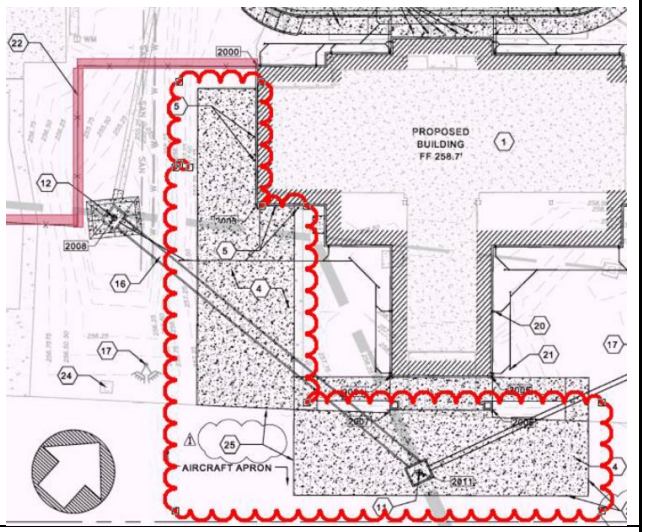
END OF SECTION

A-302 BUILDING SECTIONS
A-601 ALUMINUM FRAME & CURTAIN WALL ELEVATIONS

ELECTRICAL

E002 SITE PLAN - ELECTRICAL
E102 FLOOR PLAN – POWER AND SYSTEMS
E301 ELECTRICAL SCHEDULES

PRE-BID RFI'S:

#	Status	Title	Question	Official response
PB RFI 14.7	Answered	Fire Alarm	Please provide Fire Alarm Specification	See Specification Section provided with this addendum.
PB RFI 15	Reserved			
PB RFI 16	Answered	Non-Reinforced Concrete	What is the scope of the non-reinforced airside concrete pavement.	All concrete on the airside of the terminal is non-reinforced. See diagram below. 
PB RFI 17	Answered	Building Insulation, Purlins, and Soffits	– the plans call for the roof insulation to fill the purlin cavity. We can price R35 (8" R25 + 3"R10) that will work for both 8" and 10" purlins unless you know what the purlin depth will be from the metal building	- Add 7/8" 20 gauge hat channel at all eave and rake soffits. - Fill all purlin cavities. Coordinate insulation with PEMB purlin depth. For example. R30 as required for 8" purlins. R35 as required for 10" purlins. - Extend full purlin depth building insulation into all eave and rake soffits. - Exterior walls are steel studs, insulate accordingly.

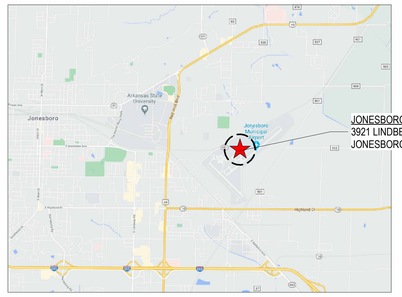
EDA AWARD NUMBER - ED23AUS0G0104

JONESBORO MUNICIPAL AIRPORT

TERMINAL REPLACEMENT

3921 LINDBERGH DRIVE
JONESBORO, AR 72401

CONSTRUCTION DOCUMENTS



VICINITY MAP NTS

N

LOCATION MAP NTS

N

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SHEET NUMBER	SHEET NAME
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G-101	GENERAL NOTES
G-102	CODE SCHEDULE & LIFE SAFETY PLAN
CIVIL	
C-1.0	GENERAL NOTES
C-1.1	CIVIL LEGENDS
C-1.2	CIVIL ABBREVIATIONS
C-2.0	EXISTING SITE PLAN
C-3.0	DEMOLITION PLAN - BUILDING
C-3.1	DEMOLITION PLAN - PARKING
C-4.0	SITE PLAN - OVERVIEW
C-4.1	SITE PLAN - BUILDING
C-4.2	SITE PLAN - AIRSIDE
C-4.3	SITE PLAN - PARKING
C-4.4	SITE PLAN - BUILDING COORDINATION LIST
C-5.0	GRADING PLAN - BUILDING
C-5.1	GRADING PLAN - BUILDING
C-5.2	GRADING PLAN - FIELD
C-5.3	GRADING PLAN - PARKING
C-6.0	UTILITY PLAN
C-7.0	CIVIL DETAILS - 1
C-7.0A	CIVIL DETAILS - 1
C-7.1	CIVIL DETAILS - 2
C-7.2	CIVIL DETAILS - 3
C-8.0	EROSION CONTROL PLAN
C-8.1	EROSION CONTROL DETAILS - 1
C-8.2	EROSION CONTROL DETAILS - 2
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S-004	SPECIAL INSPECTIONS
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S-103	ENLARGED PLANS
S-104	SLAB DIMENSION PLAN AND CONTROL JOINT LAYOUT
S-105	ENTRY PORTAL DETAILS
S-201	CONCRETE DETAILS
S-202	PEDESTAL DETAILS
S-203	FOUNDATION DETAILS
S-204	FOUNDATION DETAILS
S-301	HARDENED ROOM DETAILS
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S-303	LIGHT GAUGE METAL DETAILS
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AS102	BOLLARD DETAILS
A-001	ARCHITECTURAL GENERAL NOTES, MATERIAL AND ANNOTATION LEGEND
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A-112	FURNITURE & EQUIPMENT PLAN
A-121	REFLECTED CEILING PLAN
A-131	ROOF PLAN
A-141	FINISH FLOOR PLAN & SIGNAGE
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A-311	ENLARGED BUILDING SECTIONS
A-312	ENLARGED BUILDING SECTIONS
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A-402	WALL SECTIONS
A-403	WALL SECTIONS
A-404	WALL SECTIONS
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A-502	MILLWORK
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A-601	ALUMINUM FRAME & CURTAIN WALL ELEVATIONS
A-602	ALUMINUM FRAME & CURTAIN WALL DETAILS
A-603	HOLLOW METAL FRAME DETAILS
A-604	DOOR SCHEDULE AND VISUAL DOOR TYPES
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K1	KITCHEN EQUIPMENT PLAN
K2	KITCHEN EQUIPMENT PLUMBING PLAN

SHEET INDEX

SHEET NUMBER	SHEET NAME
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FP101	FLOOR PLAN - FIRE PROTECTION
PLUMBING	
P001	PLUMBING GENERAL NOTES, LEGEND AND SCHEDULES
P101	FLOOR PLAN - SANITARY SEWER AND VENT
P102	FLOOR PLAN - DOMESTIC WATER
P201	PLUMBING RISER DIAGRAMS
P202	PLUMBING RISER DIAGRAMS
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P302	PLUMBING DETAILS
MECHANICAL	
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M101	FLOOR PLAN - HVAC
M102	FLOOR PLAN - HVAC PIPING
M201	MECHANICAL DETAILS
M301	MECHANICAL SCHEDULES
M401	KITCHEN DETAILS
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M404	KITCHEN DETAILS AND SCHEDULES
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E101	FLOOR PLAN - LIGHTING
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E103	FLOOR PLAN - MECHANICAL POWER
E201	ELECTRICAL RISER DIAGRAMS
E301	ELECTRICAL SCHEDULES
E401	ELECTRICAL DETAILS

ARCHITECT'S CERTIFICATION

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

JOHN MIXON, ARCHITECT

PROJECT TEAM

PROPERTY OWNER:
JONESBORO MUNICIPAL AIRPORT
3821 LINDBERGH DRIVE
JONESBORO, AR 72401
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MPE ENGINEER:
INSIGHT ENGINEERING
210 S CHESTER
LITTLE ROCK. AR 72201
PHONE: 501.237.3077

CONTACT:
FALLON LEE

3/14/2025 3:29:45 PM

COOPER MIXON ARCHITECTS
505 union street, 2nd flr jonesboro, ar 72401
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101 SOUTH SPRING STREET
SUITE 100
LITTLE ROCK, AR 72201

JONESBORO MUNICIPAL AIRPORT
TERMINAL REPLACEMENT
3921 LINDBERGH DRIVE
JONESBORO, AR 72401

2	03/14/2025	ADDENDUM 002

COOPER MIXON ARCHITECTS PLLC
LL237
REGISTERED ARCHITECT
STATE OF ARKANSAS
10/14/2024

CONSTRUCTION DOCUMENTS

PROJECT NO.
2226

PROJECT NAME
TERMINAL REPLACEMENT

DATE
10/14/2024

CONTENTS
COVER SHEET

SHEET NUMBER
G-001

GENERAL NOTES (TYP. ALL SHEETS)

THE CONTRACT DOCUMENTS SHALL INCLUDE ALL DRAWINGS, SPECIFICATIONS, AND CONTRACT REQUIREMENTS FOR THE CONSTRUCTION OF THE PROPOSED GA TERMINAL 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.

1.1. 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.

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

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

1.4. 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 OF LESSER QUALITY.

1.5. WHERE ONE DETAIL IS SHOWN FOR ONE CONDITION IT SHALL APPLY TO ALL LIKE OR SIMILAR CONDITIONS THOUGH NOT SPECIFICALLY MARKED.

1.6. 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.

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

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

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

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

1.11. 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.

1.12. 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.)

1.13. 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.

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

1.18. 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.

1.19. THE CONTRACTOR SHALL PROVIDE A GENTLE SLOPE AT ALL GRADE ENTRANCES AND EXITS; AVOID ABRUPT CHANGES IN ELEVATION AND COMPLY WITH SLOPED WALKWAY, LANDINGS AND TURNING MOVEMENT REQUIREMENTS, PER IBC & ADA.

1.20. ALL INTERIOR EXPOSED CONCRETE & EXTERIOR CONCRETE SIDEWALKS & WALKWAYS, COURTYARD/PLAZA AREAS & CONCRETE PEDESTALS SHALL BE SEALED & PROTECTED FROM STAINING PRIOR TO APPLICATION OF THE SEALER & SUBSTANTIAL COMPLETION.

1.21. ALL EXPOSED EXTERIOR CONCRETE SHALL BE ARCHITECTURAL FINISHED CONCRETE, UNLESS NOTED OTHERWISE.

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

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

1.24. THE CONTRACTOR SHALL SUBMIT TO THE ARCHITECT AND THE OWNER FOR ACCEPTANCE & REVIEW ALL PRODUCT APPROVALS AND/OR ENGINEERING, SIGNED AND SEALED DRAWINGS PREPARED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE, FOR ALL EXTERIOR ENVELOPE ELEMENTS AND AS REQUIRED BY THE CONTRACT DOCUMENTS, PRIOR TO ORDERING MATERIALS AND INSTALLATION . THE CONTRACTOR SHALL THEN SUBMIT THE "A/E ACCEPTED" SUBMITTALS TO THE BUILDING DEPARTMENT / PLANS EXAMINER (AUTHORITY HAVING JURISDICTION - AHJ), AS REQUIRED BY THE BUILDING CODE FOR APPROVAL AND ACCEPTANCE BY THE AHJ. THIS SHALL INCLUDE, BUT NOT BE LIMITED TO: WINDOWS, DOORS, LOUVERS, ROOFING, & OTHER EXTERIOR CLADDING ELEMENTS.

PARTITION NOTES (TYP. ALL SHEETS)

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

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

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

2.4. PARTITIONS ARE DIMENSIONED NOMINALLY, UNLESS NOTIFIED OTHERWISE.

2.5. HEIGHTS ARE DIMENSIONED FROM THE TOP OF SLAB, UNLESS NOTED OTHERWISE. VERIFY CONDITION OF SLAB AND SLAB ELEVATION. COORDINATE ACCESSIBLE HEIGHTS REQUIRED WITH FLOORING MATERIAL THICKNESS.

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

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

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

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

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

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

2.11. 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.

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

2.13. 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.

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

2.15. 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.

2.16. 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

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

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

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

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

3.5. RESILIENT BASE IS COVED AT VINYL & CONCRETE FLOORING AND STRAIGHT AT CARPET.

3.6. 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.

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

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

3.9. 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

3.10. ALL FINISHES SHALL EXTEND TO TOP OF LIGHT COVES, TYPICAL.

3.11. INSTALL AND SPACE CONTROL JOINTS AT TILED SURFACES PER TCNA STANDARDS.

REFLECTED CEILING NOTES

4.1. REF REFLECTED CEILING PLANS AND NOTES, FOR MORE INFORMATION. THE FINISHED CWB CLG WILL BE A GSA LEVEL 5 FINISH.

4.2. 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.

4.3. 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.

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

4.5. 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

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

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

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

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

SITE NOTES

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

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

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

5.4. BURNING ON SITE SHALL NOT BE PERMITTED.

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

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

ROOF NOTES

6.1. ALL ROOF PARAPET WALL ASSEMBLIES SHALL BE FIRE RESISTANT & PRESSURE TREATED WOOD BLOCKING.

6.2. ALL FASTENERS AT STANDING SEAM METAL ROOF AREAS ARE TO BE FULLY CONCEALED.

POWER SECURITY AND COMMUNICATION NOTES

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

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

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

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

7.5. DO NOT MOUNT OUTLETS BACK TO BACK

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

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

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

7.9. FURNISH, INSTALL, AND COORDINATE OWNER'S & FBO'S TELEPHONE, DATA, COMMUNICATION, TECHNOLOGY, CABLING AND SECURITY INSTALLATIONS AS REQUIRED.

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

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

7.12. FURNISH AND INSTALL ELECTRIC LOCK PANIC RELEASE BUTTONS AT INTERIOR SIDE OF DOORS WITH ELECTRIC LOCKS @ EGRESS DOORS AND OCCUPANCY/MOTION SENSORS @ NON EGRESS DOORS. EGRESS DOORS AT SECURED OR SIDA LOCATIONS SHALL INCLUDE A 15 SECOND DELAY BEFORE RELEASING.

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

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

7.15. AUTOMATIC SLIDING DOORS SHALL BE COORDINATED & PROGRAMMED WITH THE SECURITY SYSTEM.

7.15. ALL ACCESS CONTROL DEVICES SHALL BE NARROW PROFILE & MOUNTED AT THE DOOR JAMB.

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LL237
REGISTERED ARCHITECT
STATE OF ARKANSAS
10/14/2024

CONSTRUCTION DOCUMENTS

PROJECT NO.
2226

PROJECT NAME
TERMINAL REPLACEMENT

DATE
10/14/2024

CONTENTS
GENERAL NOTES

SHEET NUMBER
G-101

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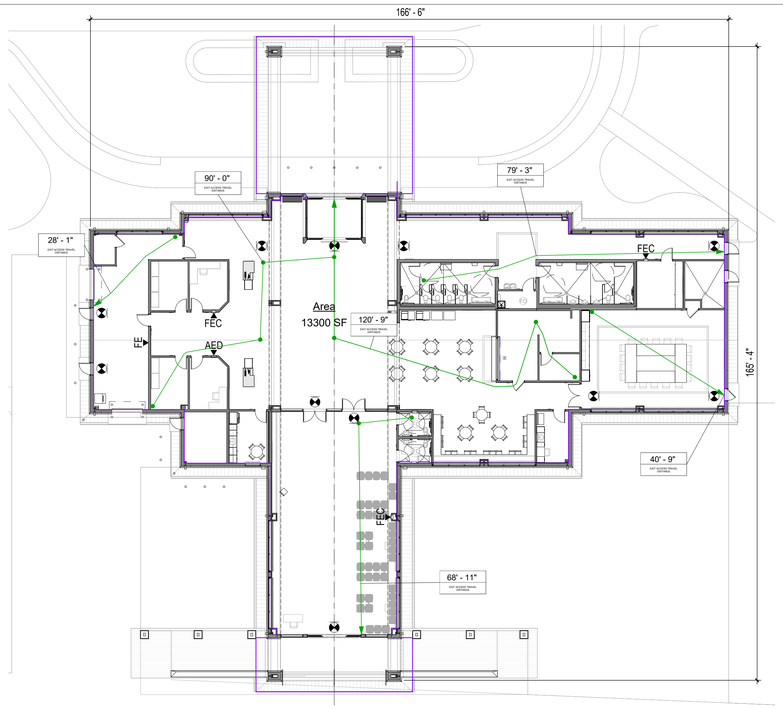
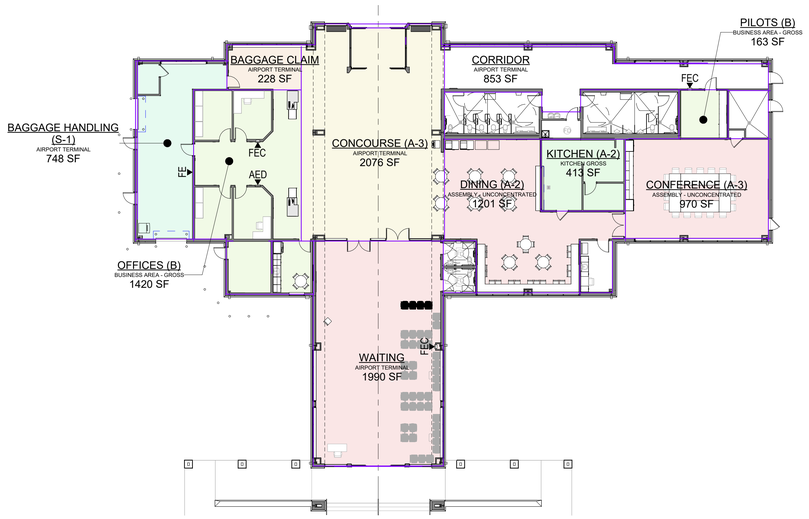


LIFE SAFETY PLAN LEGEND

FB	Fire Extinguisher (BRACKET MOUNTED)
FEC	Fire Extinguisher & Cabinet
AED	Defibrillator & Cabinet with Alarm & First Aid Box w/ Bleed Control
	Exit Light Direction of Travel Egress Travel Distance

2 GROSS AREA PLAN
1/16" = 1'-0"

3 BUILDING HEIGHT
1/16" = 1'-0"



4 OCCUPANT LOAD FLOOR PLAN
1/16" = 1'-0"

AUTHORITY HAVING JURISDICTION

CITY OF JONESBORO, ARKANSAS

ADOPTED CODES

2021 Arkansas Fire Prevention Code Vol. I: Fire
2021 Arkansas Fire Prevention Code Vol. II: Building
2020 NEC: National Electrical Codes
2014 Arkansas Energy Code (2009 IECC w/ supplements & amendments)
2018 APC: Arkansas Plumbing Codes
2021 AMC: Arkansas Mechanical Codes
2018 AFAG: Arkansas Fuel and Gas Codes

2017 ICC/ANSI A117.1: American National Standards
2010 ADA Standards for Accessibility
2019 Arkansas Standard for Installation of Sprinkler Systems (NFPA 13, 2019 w/ supplements & amendments)
2019 Arkansas Fire Alarm and Signaling Code (NFPA 72, 2019 w/ supplements & amendments)
Building Code Requirements for Structural Concrete of Arkansas (ACI 318, 2019 w/ supplements & amendments)

CODE STUDY

DESCRIPTION:
THE PROJECT IS THE CONSTRUCTION OF A NEW AIRPORT TERMINAL BUILDING TO REPLACE THE ONE THAT DESTROYED IN A TORNADO IN 2020.

BUILDING USE OR OCCUPANCY - NONSEPARATED MIXED OCCUPANCY			
303.3	ASSEMBLY GROUP A-2		
303.4	ASSEMBLY GROUP A-3		
304.1	BUSINESS GROUP B		
311.2	STORAGE GROUP S-1		
GENERAL BUILDING HEIGHTS AND AREAS - USING MOST RESTRICTIVE			
TABLE 508.3	NONSEPARATED OCCUPANCIES		
		TABULAR	PROPOSED
TABLE 504.3	ALLOWABLE BUILDING HEIGHT - MOST RESTRICTIVE S-1	75 FEET	29 FEET
TABLE 504.4	ALLOWABLE NUMBER OF STORIES	3 STORIES	1 STORY
TABLE 506.2	ALLOWABLE AREA - PER STORY - MOST RESTRICTIVE A2/A3	38,000 SF ..... 45,125 SF (AFTER INCREASE)	13,300 SF
SECTION 508.3.2	AREA INCREASE	Aa = At +(NS x If) = 45,125 SF = 38,000 SF + (9,500 SF x .75)	
BUILDING CONSTRUCTION			
602.2	CONSTRUCTION TYPE II-B	II-B, SPRINKLED	
FIRE RESISTANCE RATING REQUIREMENTS (HOURS)			
TABLE 601	COMPONENT	RATING REQUIRED	
	STRUCTURAL FRAME	0	
	BEARING WALLS - EXTERIOR	0	
	BEARING WALLS - INTERIOR	0	
	NONBEARING WALLS & PARTITIONS - INTERIOR	0	
INTERIOR FINISHES			
TABLE 803.13	SPACE	CLASS	
	LOBBIES AND CORRIDORS	B	
	EXIT ACCESS CORRIDORS	B	
	OTHER SPACES	C	
FIRE PROTECTION SYSTEMS (SEE FIRE PROTECTION DRAWINGS AND SPECIFICATIONS)			
903.2.1.2	GROUP A-2	AREA > 5,000 SF	
903.3.1.1	NFPA 13 SPRINKLER SYSTEM	REQUIRED	
906	PORTABLE FIRE EXTINGUISHERS	PER CODE	
907	FIRE ALARM AND DETECTION SYSTEMS	REQUIRED w/ VOICE EVAC	

OCCUPANT LOAD SCHEDULE

OCC CLASS	AREA	OCC LOAD FACTOR	OCC LOAD	CUM OCC LOAD	MIN # EXITS	MAX COMMON PATH	MAX EXIT ACCESS	MAX DEAD-END
AIRPORT TERMINAL								
BAGGAGE CLAIM	228 SF	20 SF	12	14		75' - 0"	250' - 0"	20' - 0"
BAGGAGE HANDLING (S-1)	748 SF	300 SF	3	3	1	100' - 0"	400' - 0"	50' - 0"
CONCOURSE (A-3)	2076 SF	100 SF	21	239	2	75' - 0"	250' - 0"	20' - 0"
CORRIDOR	853 SF			132		75' - 0"	250' - 0"	20' - 0"
WAITING	1990 SF	15 SF	133	133	1	75' - 0"	250' - 0"	20' - 0"
			169					
ASSEMBLY - UNCONCENTRATED								
CONFERENCE (A-3)	970 SF	15 SF	65	66	2	75' - 0"	250' - 0"	20' - 0"
DINING (A-2)	1201 SF	15 SF	81	118		75' - 0"	250' - 0"	20' - 0"
			146					
BUSINESS AREA - GROSS								
OFFICES (B)	1420 SF	150 SF	10	10	1	100' - 0"	300' - 0"	50' - 0"
PILOTS (B)	163 SF	150 SF	2	2	1	100' - 0"	300' - 0"	50' - 0"
			12					
KITCHEN GROSS								
KITCHEN (A-2)	413 SF	200 SF	3	3	1	75' - 0"	250' - 0"	20' - 0"
			3					
			330					

ACCESSIBILITY
SHALL BE DESIGNED AND CONSTRUCTED TO BE ACCESSIBLE IN ACCORDANCE WITH IBC AND ANSI ICC A117.1.

ENERGY EFFICIENCY

IECC 2012	REQUIRED MINIMUM R-VALUES	ROOF = R-19 + R11 LS w/ R-5 THERMAL BLOCKS	WALLS = R-13 + 6.5 CI

SCHEDULE OF SPECIAL INSPECTIONS SERVICES - PER CHAPTER 17 OF THE 2021 ARKANSAS FIRE PREVENTION CODE vol 2 - SEE SPECIFICATION

SITE SAFETY PLAN - PER CHAPTER 33 OF THE 2021 ARKANSAS FIRE PREVENTION CODE vol 1 - SEE SPECIFICATION

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

OCCUPANCY	OCC LOAD	WATER CLOSETS			LAVATORIES			DRINKING FOUNTAINS		SERVICE SINKS	
A-3	232 TOTAL	RATIO	MEN	WOMEN	RATIO	MEN	WOMEN	RATIO	TOTAL		
	116 MEN	1 PER 500	0.24		1 PER 750	0.16		1 PER 1000	0.24		
	116 WOMEN	1 PER 500		0.24	1 PER 750		0.16				
A-2	85 TOTAL										
	43 MEN	1 PER 75	0.58		1 PER 200	0.22		1 PER 500	0.17		
	43 WOMEN	1 PER 75		0.58	1 PER 200		0.22				
B	12 TOTAL										
	6 MEN	1 PER 25	0.24		1 PER 40	0.15		1 PER 100	0.06		
	6 WOMEN	1 PER 25		0.24	1 PER 40		0.15				
S-1	3 TOTAL										
	2 MEN	1 PER 100	0.2		1 PER 200	0.01		1 PER 500	0.02		
	2 WOMEN	1 PER 100		0.2	1 PER 200		0.01				
TOTAL REQUIRED			2	2		1	1		1	1	
TOTAL PROVIDED			6	6		3	3		2	1	

MOTHER'S (WELLNESS)ROOM REQUIREMENTS

LACTATION ROOM REQUIREMENT: THE APPROPRIATE AUTHORITY OF A COVERED PUBLIC BUILDING SHALL ENSURE THAT THE BUILDING CONTAINS A LACTATION ROOM THAT IS MADE AVAILABLE FOR USE BY MEMBERS OF THE PUBLIC TO EXPRESS BREAST MILK

EMPLOYERS ARE REQUIRED TO PROVIDE A SPACE OR MAKE A SPACE AVAILABLE WHEN NEEDED BY THE EMPLOYEE; THE LOCATION MUST BE FUNCTIONAL AS A SPACE FOR EXPRESSING MILK.

AN EMPLOYER SHALL PROVIDE:
A. A PLACE, OTHER THAN A BATHROOM
B. SHIELDED FROM VIEW
C. FREE FROM INTRUSION FROM COWORKERS AND THE PUBLIC
D. FUNCTIONAL FOR EXPRESSING MILK

REFERENCES:
1. Arkansas State Law: A.C.A. § 11-5-116
2. The Affordable Care Act (ACA) 2010
3. Section 7(r) of the Fair Labor Standards Act – Break Time for Nursing Mothers Provision
4. Fairness for Breastfeeding Mothers Act of 2019
5. Fact Sheet #73: Break Time for Nursing Mothers under the FLSA

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JONESBORO MUNICIPAL AIRPORT TERMINAL REPLACEMENT

3921 LINDBERGH DRIVE
JONESBORO, AR 72401

COOPER MIXON ARCHITECTS PLLC
LL237
REGISTERED ARCHITECT
ARKANSAS
10/14/2024

CONSTRUCTION DOCUMENTS

PROJECT NO.
2226

PROJECT NAME
TERMINAL REPLACEMENT

DATE
10/14/2024

CONTENTS
CODE SCHEDULE & LIFE SAFETY PLAN

SHEET NUMBER
G-102

3/3/2025 10:29:19 AM

AIA® Document G709™ – 2018

Proposal Request

PROJECT: *(name and address)* 2226 - Jonesboro Municipal Airport Terminal Jonesboro, Arkansas	**CONTRACT INFORMATION:** Contract For: Construction Date: 05-08-2025	Architect's Project Number: 2226 Proposal Request Number: 001 Proposal Request Date: 05-06-2025
OWNER: *(name and address)* Jonesboro Airport Commission 3901 Lindburg Drive Jonesboro, AR 72401	**ARCHITECT:** *(name and address)* Cooper Mixon Architects PLLC 505 Union Street 2nd Floor Jonesboro, AR 72401	**CONTRACTOR:** *(name and address)* Olympus General Contractors 2506 West Washington Avenue Jonesboro, AR 72401

The Owner requests an itemized proposal for changes to the Contract Sum and Contract Time for proposed modifications to the Contract Documents described herein. The Contractor shall submit this proposal within Seven (7) days or notify the Architect in writing of the anticipated date of submission.
(Insert a detailed description of the proposed modifications to the Contract Documents and, if applicable, attach or reference specific exhibits.)
Revised Drawing included in this Proposal Request:
C-5.0 - GRADING PLAN - BUILDING
AS101 - ARCHITECTURAL SITE PLAN

THIS IS NOT A CHANGE ORDER, A CONSTRUCTION CHANGE DIRECTIVE, OR A DIRECTION TO PROCEED WITH THE WORK DESCRIBED IN THE PROPOSED MODIFICATIONS.

REQUESTED BY THE ARCHITECT

DocuSigned by:
John Mixon
96AA5D69C4C649A...

ARCHITECT *(Signature)*

BY: John Mixon

(Printed name, title, and license number if required)

GENERAL NOTES

1. THE APPROXIMATE LOCATION OF KNOWN UTILITIES & SUBSURFACE STRUCTURES AS SHOWN HEREON ARE BASED ON ABOVE-GROUND VISIBLE STRUCTURES & RECORD DRAWINGS PROVIDED. LOCATIONS OF UNDERGROUND UTILITIES/STRUCTURES MAY VARY FROM LOCATIONS SHOWN HEREON. ADDITIONAL BURIED UTILITIES/STRUCTURES MAY BE ENCOUNTERED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE ACTUAL LOCATION OF THESE & ALL OTHER SUBSURFACE AND/OR LATENT FACILITIES PRIOR TO BEGINNING WORK. ALL REPAIRS OR RELOCATIONS NECESSARY SHALL BE MADE AS REQUIRED BY THE OWNER OF THE UTILITY OR STRUCTURE & THE COST OF SUCH REPAIRS NECESSARY SHALL BE BORNE BY THE CONTRACTOR.
2. CONTRACTOR SHALL KEEP VEHICLE TRACKING OF SEDIMENT TO A MINIMUM AND SHALL CLEAN HAUL ROUTES IF TRACKING BECOMES EXCESSIVE AS DETERMINED BY THE LOCAL GOVERNMENT OR PROJECT REPRESENTATIVE.
3. THE CONTRACTOR IS RESPONSIBLE FOR THE APPROPRIATE BARRICADES AND SAFETY PRECAUTIONS IN ALL EXCAVATED AREAS. EXCAVATED AREAS SHALL BE ADEQUATELY FILLED OR COVERED BY THE CONTRACTOR BEFORE LEAVING THE JOBSITE EACH DAY.
4. ALL STREETS, WALKS, DRIVES, DRAINAGE STRUCTURES, FENCES, UTILITIES, ETC. THAT ARE DISTURBED DURING CONSTRUCTION EITHER INSIDE OR OUTSIDE THE PROPERTY LINE OR DESIGNATED WORK LIMITS SHALL BE RESTORED TO THEIR ORIGINAL OR BETTER CONDITION USING LIKE MATERIALS. COST OF SUCH REPAIRS SHALL BE BORNE BY THE CONTRACTOR UNLESS PROVISION FOR PAYMENT IS MADE IN THE PROPOSAL.
5. CONTRACTOR SHALL PROVIDE TEMPORARY ACCESS TO THE SITE DURING CONSTRUCTION.
6. THE CONTRACTOR SHALL MAINTAIN THE SITE IN AN ORDERLY AND CLEAN FASHION.
7. ALL WASTE MATERIALS GENERATED FROM CONSTRUCTION BECOME THE PROPERTY OF THE CONTRACTOR. THE CONTRACTOR SHALL REMOVE THE WASTE MATERIALS FROM THE SITE AND DISPOSE OF IN A LEGAL MANNER.
8. ALL ELEVATIONS AND DIMENSIONS ARE GIVEN TO THE BACK OF CURB, EDGE OF PAVEMENT, OR FLOWLINES AS APPLICABLE UNLESS OTHERWISE NOTED.
9. ARKANSAS DEPARTMENT OF TRANSPORTATION DEPARTMENT (ArDOT) STANDARDS AND SPECIFICATIONS ARE HEREBY INCLUDED BY REFERENCE AND SHALL BE CONFORMED TO FOR TECHNICAL PERFORMANCE UNLESS OTHERWISE NOTED.
10. THE CONTRACTOR SHALL OBTAIN AND MAINTAIN A CONSTRUCTION STAGING AREA DURING THE DURATION OF THE PROJECT. CONTRACTOR SHALL CONTACT OWNER FOR POSSIBLE LOCATIONS.
11. CONTRACTOR TO COORDINATE UTILITIES INSTALLATION WITH THE VARIOUS UTILITY COMPANIES AS APPROPRIATE.
12. "NEW" IS EQUAL TO "PROPOSED" AS NOTED.
13. ALL WORK ON STATE OR CITY RIGHT-OF-WAY SHALL CONFORM TO THE RESPECTIVE CONSTRUCTION STANDARDS OR PERMITTING REQUIREMENTS.
14. SUBSURFACE & ENVIRONMENTAL CONDITIONS WERE NOT INVESTIGATED NOR ARE REPRESENTED ON THESE DRAWINGS. NO STATEMENT IS MADE CONCERNING THE EXISTENCE OF UNDERGROUND OR OVERHEAD CONTAINERS OR FACILITIES THAT AFFECT THE USE OR IMPLEMENTATION OF THE WORK SHOWN HEREON.
15. CONSTRUCT PARKING AREAS, ADA DESIGNATED SIDEWALKS, BUILDING STRUCTURES AND PUBLIC UTILITY AREAS IN COMPLIANCE WITH AMERICANS WITH DISABILITIES ACT (ADA).
16. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING & COMPLYING WITH NECESSARY PERMITS FOR NEW DRIVEWAYS & ALL OTHER WORK ON STATE OR CITY RIGHT-OF-WAY.

NOTES ON PAVING & MARKING

1. EXISTING ASPHALT SURFACES TO REMAIN THAT MAY BE DAMAGED AS A RESULT OF CONTRACTOR'S WORK SHALL BE REMOVED & REPLACED IN ACCORDANCE WITH NEW ASPHALT SURFACE AND BASE COURSE DETAIL AS SHOWN HEREIN.
2. NEW BASE COURSE MATERIAL SHALL BE SIMILAR OR EQUAL TO ArDOT CLASS 7.
3. NEW HOT MIX ASPHALT SURFACING SHALL CONFORM TO THE LATEST ArDOT REQUIREMENTS FOR TYPE 2.
4. "ArDOT" = ARKANSAS DEPARTMENT OF TRANSPORTATION.
5. PAVEMENT PAINT MARKING SHALL BE WHITE OR YELLOW, TRAFFIC MARKING TYPE UNLESS SHOWN OTHERWISE. STRIPING TO BE MIN. 4" WIDE.
6. THERMOPLASTIC PAVEMENT MARKING - WHITE THERMOPLASTIC MARKINGS SHALL CONFORM TO SECTION 719-THERMOPLASTIC PAVEMENT MARKING OF THE ArDOT STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION (IF USED AS AN ALTERNATIVE TO PAINT MARKINGS).
7. EXISTING PAVEMENT MARKINGS IN AREAS TO RECEIVE NEW MARKING, AND WHICH CONFLICT WITH NEW MARKINGS, SHALL BE OBLITERATED BY BLASTING WITH WATER AND/OR SAND, BY GRINDING, OR BY OTHER APPROVED METHOD.

GRADING & DRAINAGE NOTES:

1. ARKANSAS STATE LAW, THE UNDERGROUND FACILITIES DAMAGE PREVENTION ACT, REQUIRES TWO WORKING DAYS ADVANCE NOTIFICATION THROUGH THE ARKANSAS ONE-CALL SYSTEM CENTER BEFORE EXCAVATING USING MECHANIZED EQUIPMENT OR EXPLOSIVES (EXCEPT IN THE CASE OF AN EMERGENCY). THE ONE -CALL SYSTEM TELEPHONE NUMBER IS 1-800-482-8998 THE CONTRACTOR IS ADVISED THAT THERE IS A SEVERE PENALTY FOR NOT MAKING THIS CALL. NOT ALL UTILITY COMPANIES ARE MEMBERS OF THE ARKANSAS ONE-CALL SYSTEM: THE CONTRACTOR IS ADVISED TO CONTACT ALL NON-MEMBER UTILITIES AS WELL AS THE ONE-CALL SYSTEM.
2. THE CONTRACTOR IS RESPONSIBLE FOR ADEQUATE EROSION CONTROL MEASURES. THESE MEASURES WILL SATISFY THE REQUIREMENTS OF THE ARKANSAS DEPARTMENT OF ENERGY AND ENVIRONMENT - DIVISION OFT ENVIRONMENTAL QUALITY. EROSION CONTROL DEVICES WILL BE MAINTAINED UNTIL PERMANENT GROUND COVER IS ESTABLISHED.
3. CONTRACTOR SHALL EMPLOY A QUALIFIED MATERIALS TESTING LABORATORY, ACCEPTABLE TO THE ENGINEER, TO PROVIDE TESTING SERVICES DURING CONSTRUCTION. TEST RESULTS SHALL BE PROMPTLY SENT TO THE OWNER/ENGINEER.
4. CONTRACTOR SHALL MAINTAIN BENCHMARKS ON SITE UNTIL THE END OF CONSTRUCTION. CONTRACTOR SHALL REPLACE ALL DAMAGED BENCHMARKS AT THEIR OWN EXPENSE.
5. CONTRACTOR SHALL TEMPORARILY PLACE 1" WASHED RIVER ROCK BASE MATERIAL ON INGRESS/EGRESS DRIVES DURING CONSTRUCTION TO PROVIDE A BARRIER AGAINST EROSION AND TRACKING. 1" ROCK BASE MATERIAL SHALL BE AT LEAST 8" THICK AND COVER THE AREA OF THE TURNOUTS ONTO ARKANSAS HIGHWAY LOOP AT A MINIMUM. SEE EROSION CONTROL DETAILS.
6. IN THE EVENT THAT ANY UNFORESEEN CONDITIONS NOT COVERED BY THESE NOTES ARE ENCOUNTERED DURING GRADING OPERATIONS, THE OWNER/ENGINEER SHALL BE IMMEDIATELY NOTIFIED FOR DIRECTION.
7. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PERFORM ALL NECESSARY CUTS AND FILLS WITHIN THE LIMITS OF THIS PROJECT AND THE RELATED OFF-SITE WORK, SO AS TO GENERATE THE DESIRED SUBGRADE, FINISH GRADES AND SLOPES SHOWN.
8. THE CONTRACTOR IS WARNED THAT AN EARTHWORK BALANCE WAS NOT NECESSARILY THE INTENT OF THIS PROJECT. ANY ADDITIONAL MATERIAL REQUIRED OR LEFTOVER MATERIAL FOLLOWING EARTHWORK OPERATIONS BECOMES THE RESPONSIBILITY OF THE CONTRACTOR. ANY SURPLUS MATERIAL SHALL BE DISPOSED OF AT THE CONTRACTOR'S EXPENSE, INCLUDING ANY AND ALL PERMIT FEES.
9. THE GRADING CONTRACTOR IS RESPONSIBLE TO COORDINATE WITH THE OWNER TO PROVIDE FOR THE REQUIREMENTS OF THE PROJECT STORM WATER POLLUTION PREVENTION PLAN (SWPPP) AND ASSOCIATED PERMIT IF REQUIRED. SEE NOTES AND PLANS
10. ALL CUT AND FILL SLOPES SHALL BE PROTECTED UNTIL EFFECTIVE EROSION CONTROL HAS BEEN ESTABLISHED.
11. THE USE OF POTABLE WATER WITHOUT A SPECIAL PERMIT FOR BUILDING OR CONSTRUCTION PURPOSES INCLUDING CONSOLIDATION OF BACKFILL OR DUST CONTROL IS PROHIBITED. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS FOR CONSTRUCTION WATER.
12. THE CONTRACTOR SHALL MAINTAIN THE STREETS, SIDEWALKS AND ALL OTHER PUBLIC RIGHT-OF-WAY IN A CLEAN, SAFE AND USABLE CONDITION. ALL SPILLS OF SOIL, ROCK OR CONSTRUCTION DEBRIS SHALL BE PROMPTLY REMOVED FROM THE PUBLICLY OWNED PROPERTY DURING CONSTRUCTION AND UPON COMPLETION OF THE PROJECT. ALL ADJACENT PROPERTY, PRIVATE OR PUBLIC SHALL BE MAINTAINED IN A CLEAN, SAFE AND USABLE CONDITION.
13. IN THE EVENT THAT ANY TEMPORARY CONSTRUCTION ITEM IS REQUIRED THAT IS NOT SHOWN THESE DRAWINGS, THE CONTRACTOR AGREES TO PROVIDE AND INSTALL SUCH ITEM AT HIS OWN EXPENSE AND AT THE DIRECTION OF THE CITY ENGINEER. TEMPORARY CONSTRUCTION INCLUDES DITCHES, BERMS, ROAD SIGN AND BARRICADES ETC.

WATER AND SEWER NOTES

1. DIG THROUGH LOCATOR TAPE WILL BE BURIED 2 FEET ABOVE LINE.
2. WHEN PVC IS USED, A NO. 8 BARE COPPER WIRE SHALL BE TAPED TO THE TOP SURFACE OF THE PIPE AND CONNECTED TO EACH FIRE HYDRANT BY ATTACHING TO A MHST, JUST ABOVE GROUND LEVEL.
3. ALL IRON PIPE AND FITTINGS SHALL BE POLYWRAPPED.
4. ALL MAIN LINES SHALL HAVE A MINIMUM OF THREE (3) FEET AND A MAXIMUM OF EIGHT (8) FEET OF COVER.
5. BEDDING, BACKFILL, AND COMPACTION OVER WATER LINES SHALL BE IN ACCORDANCE WITH THE PLANS & SPECIFICATIONS.
6. ALL PROPOSED WATER LINES SHALL BE SDR 21 PVC.

GENERAL UTILITY NOTES

1. CONTRACTOR SHALL VERIFY HORIZONTAL AND VERTICAL LOCATION AND SIZE FOR ALL EXISTING STORM SEWER STRUCTURES, PIPES, AND ALL UTILITIES PRIOR TO CONSTRUCTION.
2. CONTRACTOR TO REMOVE OR RELOCATE WHEN APPLICABLE, ALL EXISTING BUILDINGS, FOUNDATIONS, EASEMENTS, AND CONNECTING IMPROVEMENTS, DRAIN PIPES, SANITARY SEWER PIPE, POWER POLES AND GUY WIRES, WATER METERS AND WATER LINES, WELLS, SIDEWALKS, SIGN POLES, UNDERGROUND GAS, SEPTIC TANKS, AND ASPHALT, SHOWN AND NOT SHOWN, WITHIN CONSTRUCTION LIMITS AND WHERE NEEDED, TO ALLOW FOR FILL MATERIAL, UNLESS OTHERWISE DENOTED, TO BE REMOVED AS UNCLASSIFIED EXCAVATION.
3. CONTRACTOR IS RESPONSIBLE FOR REPAIRS OF DAMAGE TO ANY EXISTING IMPROVEMENTS DURING CONSTRUCTION, SUCH AS, BUT NOT LIMITED TO, UTILITIES, PAVEMENT, STRIPING, CURBS, ETC. REPAIRS SHALL BE EQUAL TO OR BETTER THAN EXISTING CONDITIONS.
4. CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS AND SPECIFICATIONS FOR ACTUAL LOCATION OF ALL UTILITY ENTRANCES TO INCLUDE SANITARY SEWER LATERALS, DOMESTIC AND FIRE PROTECTION WATER SERVICE, ELECTRICAL, TELEPHONE, AND COMMUNICATIONS. CONTRACTOR SHALL COORDINATE INSTALLATION OF UTILITIES IN SUCH A MANNER AS TO AVOID CONFLICTS AND ASSURE PROPER DEPTHS ARE ACHIEVED AS WELL AS COORDINATING WITH BASE UTILITY REQUIREMENTS AS TO LOCATIONS AND SCHEDULING FOR TIE-INS/CONNECTIONS PRIOR TO CONNECTING EXISTING FACILITIES.
5. CONTRACTOR SHALL COMPLY TO THE FULLEST EXTENT WITH THE LATEST STANDARD OF OSHA DIRECTIVES OR ANY OTHER AGENCY HAVING JURISDICTION FOR EXCAVATION AND TRENCHING PROCEDURES. THE CONTRACTOR SHALL USE SUPPORT SYSTEMS, SLOPING, BENCHING, AND OTHER MEANS OF PROTECTION. THIS TO INCLUDE, BUT NOT LIMITED TO, ACCESS AND EGRESS FROM ALL EXCAVATION AND TRENCHING. CONTRACTOR IS RESPONSIBLE TO COMPLY WITH PERFORMANCE CRITERIA FOR OSHA.
6. THE MINIMUM HORIZONTAL SEPARATION BETWEEN THE CLOSEST TWO POINTS OF THE WATER AND SEWER LINE IS TEN (10) FEET, AND A MINIMUM VERTICAL SEPARATION BETWEEN THE CLOSEST TWO POINTS OF THE WATER AND SEWER LINE IS EIGHTEEN (18) INCHES.
7. CONTRACTOR SHALL ON ALL UTILITIES, COORDINATE INSPECTION WITH THE APPROPRIATE AUTHORITIES PRIOR TO COVERING TRENCHES AT INSTALLATION.

CONTROL MAP
SCALE: NTS

PROJECT CONTROL				
POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
1014	549483.333	1712191.315	267.201	AHTD MON PN 4
1060	549423.222	1712174.386	266.399	CONTROL
1106	549477.785	1712358.524	265.856	CONTROL
1107	549329.985	1712652.168	259.923	CONTROL

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JONESBORO MUNICIPAL AIRPORT
TERMINAL REPLACEMENT

3921 LINDBERGH DRIVE
JONESBORO, AR 72401

CERTIFICATE OF AUTHORIZATION
MICHAEL BAKER INTERNATIONAL INC
No. 1126
ARKANSAS ENGINEER

SPACE FOR PRACTICE SEAL

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 10043
MICHAEL H. STENGEL
10-17-24

CONSTRUCTION DOCUMENTS

PROJECT NO.
2226

PROJECT NAME
TERMINAL REPLACEMENT

DATE
10/18/2024

CONTENTS
GENERAL NOTES

SHEET NUMBER
C-1.0

EXISTING

	LEGEND
IRON ROD	IR
PK NAIL	PK
R.R. SPIKE	RR(Sp)
CONC. MONUMENT	CM
WATER VALVE	WV
WATER METER	WM
FIRE HYDRANT	FH
GAS METER	GM
GAS VALVE	GV
CLEAN-OUT	CO
GUARD POST (MHSLARD)	GP
SIGN POST	
BENCHMARK	
STORM SEWER MANHOLE	D
SANITARY SEWER MANHOLE	S
TELEPHONE MANHOLE	T
ELECTRIC MANHOLE	E
TELEPHONE BOX	
ELECTRIC BOX	
CABLE BOX	
UTILITY POLE	
GUY WIRE	
LIGHT POLE	
POST OR POLE (TYPE AS NOTED)	
MAILBOX	
DECIDUOUS TREE	
EVERGREEN/CONIFEROUS TREE	
BUSH	
PROPERTY LINE	
SETBACK LINE	
EASEMENT LINE	
CURB	
FENCE	X X X
OVERHEAD ELECTRIC	OE OE
OVERHEAD TELEPHONE	OT OT
OVERHEAD CABLE	OC OC
UNDERGROUND TELEPHONE	UGT
UNDERGROUND ELECTRIC	UGE
UNDERGROUND CABLE	UGC
WATER LINE	8"W
SEWER LINE	8"SS
GAS LINE	4"G
STORM SEWER/CULVERT	24" CMP/RCP/DIP
EDGE OF WOODS	
CONTOUR LINE	650
TREE REMOVAL	

PROPOSED

PROPOSED CONTOUR	25
PROPOSED SPOT ELEVATION	25.00
PROPOSED SPOT CURB ELEVATION	25.50 / 25.00
STORM SEWER - PIPE	
STORM SEWER - MITERED END SECTION	
STORM SEWER - GRATE INLET	
STORM SEWER - JUNCTION BOX	D D
STORM SEWER - FLARED END SECTION	
STORM SEWER - HEADWALL	
STORM SEWER - SINGLE WING	D
STORM SEWER - DOUBLE WING	D
STORM SEWER - AREA INLET	D
GRADE BREAK LINE	
HIGH POINT	HP
LOW POINT	LP
CUT LINE	C
FILL LINE	F
SANITARY SEWER PIPE	SAN
DEMO LIMIT	DEMO LIMIT
SANITARY SEWER MANHOLE	S
PROPOSED CURB	
PROPOSED CONCRETE	
ASPHALT DRIVEWAY	
GRAVEL DRIVEWAY	
ASPHALT OVERLAY	
FULL DEPTH ASPHALT	
GRASS (SOLID SODDING) & LANDSCAPE AREA	
GRASS (SEEDED)	
CONSTRUCTION - ENTRANCE/EXIT	CO
CHECK DAM	CD
DIVERSION BERM	DI
DOWNDRAIN STRUCTURE - TEMPORARY	DN
ROCK DAM	RD
SEDIMENT BARRIER - SILT FENCE	SD1
SEDIMENT BARRIER - GRAVEL RING	SD2
SEDIMENT BARRIER - BLOCK & GRAVEL	SD3
SEDIMENT BARRIER - BLOCK	SD4
PROPOSED FENCE	X X

TEMPORARY SEDIMENT BASIN	SB1
SILT FENCE - TYPE A	SFA
SILT FENCE - TYPE B	SFB
SILT FENCE - TYPE C	SFC
STORM DRAIN OUTLET PROTECTION	ST
SURFACE ROUGHENING	SU
DISTURBED AREA STABILIZATION -TEMPORARY STABILIZATION	TS1
DISTURBED AREA STABILIZATION -TEMPORARY GRASSING	TS2
DISTURBED AREA STABILIZATION -PERMANENT GRASSING	TS3
MATTING/BLANKETS	Mb

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No. 0243
MICHAEL H. STENGEL
10-18-24

CONSTRUCTION DOCUMENTS

PROJECT NO.
2226

PROJECT NAME
TERMINAL REPLACEMENT

DATE
10/18/2024

CONTENTS
CIVIL LEGENDS

SHEET NUMBER
C-1.1

A/C	AIR CONDITIONING
A/C UNIT	AIR CONDITIONING UNIT
AB	ANCHOR MHST
ACC	ACCESSIBLE
ACI	AMERICAN CONCRETE INSTITUTE
ADJ	ADJACENT, ADJOINING, ADJUSTABLE
AGGR	AGGREGATE
AI	AREA INLET
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE
APPD	APPROVED
APPROX	APPROXIMATE
ARCH	ARCHITECT
ASPH	ASPHALT
AVG	AVERAGE
BL	BUILDING LINE
BLDG	BUILDING
BM	BENCHMARK
CB	CATCH BASIN
CCTV	CLOSED CIRCUIT TELEVISION
CE	COVER ELEVATION
CEM	CEMENT
CHK	CHECK
CI	CURB INLET
CIP	CAST-IN-PLACE
CIRC	CIRCULAR
CJ	CONTROL JOINT
CJ	CONSTRUCTION JOINT
CL	CENTER LINE
CLL	CONTRACT LIMIT LINE
CMP	CORRUGATED METAL PIPE
CND	CONDUIT
CNL	CONDUCTIVE NEOPRENE LATEX
CO	CLEANOUT
CONC	CONCRETE
CRS	COURSE(S)
CU FT	CUBIC FEET
CU YD	CUBIC YARDS
DAT	DATUM
DCJ	DOWELED CONTROL JOINT
DEG	DEGREE
DEMO	DEMOLITION
DEPR	DEPRESSION
DEPT	DEPARTMENT
DET	DETAIL
DIA	DIAMETER
DIAG	DIAGONAL
DIM	DIMENSION
DISC	DISCONNECT
DIV	DIVISION
DS	DOWNSPOUT
EA	EACH
EJ	EXPANSION JOINT
EL	ELEVATION - GRADE OR BUILDING
ELEC	ELECTRIC
ENTR	ENTRANCE, ENTERING
EQ	EQUAL
EQUIP	EQUIPMENT
EST	ESTIMATE(D)
EXC	EXCAVATE
EXST	EXISTING
EXP	EXPANSION
EXT	EXTERIOR
FDC	FIRE DEPARTMENT CONNECTION
FDTN	FOUNDATION
FF	FINISH FLOOR
FH	FIRE HYDRANT
FHC	FIRE HOSE CABINET
FLR	FLOOR
FOC	FACE OF CONCRETE
FT	FEET
FTG	FOOTING
G	NATURAL GAS
GAL	GALLON(S)
GC	GENERAL CONTRACTOR
GEN	GENERAL
GI	GALVANIZED IRON
GIP	GALVANIZED IRON PIPE
HB	HOSE BIBB
HCP	HANDICAPPED
HD	HEAVY DUTY
HES	HIGH EARLY-STRENGTH CEMENT
HH	HANDHOLE
HNDRL	HANDRAIL
HORIZ	HORIZONTAL
HP	HIGH POINT
ID	INSIDE DIAMETER
IN	INCH
INV	INVERT
IP	IRON PIPE
IPS	IRON PIPE SIZE
I.P.S.	INSIDE PIPE SIZE
JB	JUNCTION BOX
JT	JOINT
LB	POUND
LG	LENGTH
LP	LOW POINT
LT	LIGHT
MFR	MANUFACTURER
MH	MANHOLE
MIN	MINIMUM
MNIC	MATERIAL NOT IN CONTRACT (INSTALLATION BY CONTRACTOR)
MOD.	MODIFIED
N	NORTH
NEC	NATIONAL ELECTRICAL CODE
NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
NIC	NOT IN CONTRACT
NOM	NOMINAL
N"REQD	NOT REQUIRED
NTS	NOT TO SCALE
OC	ON CENTER
OCEW	ON CENTER EACH WAY
OD	OUTSIDE DIAMETER
P	POLE
PCC	PRECAST CONCRETE
PCF	POUNDS PER CUBIC FOOT
PED	PEDESTAL
PERF	PERFORATE(D)
PERIM	PERIMETER
PI	POINT OF INTERSECTION
PL	PROPERTY LINE
PLF	POUNDS PER LINEAR FOOT
PREFMD	PREFORMED
PRKG	PARKING
PROJ	PROJECT
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PT.	POINT
PV	PAVED
PVG	PAVING
QTY	QUANTITY
R	RADIUS
R	RISER
RCP	REINFORCED CONCRETE PIPE
RD	ROOF DRAIN
REINF	REINFORCE
REQD	REQUIRED
ROW	RIGHT OF WAY
S	SOUTH
SCHED	SCHEDULE
SD	STORM DRAIN
SECT	SECTION
SHLDR	SHOULDER
SHT	SHEET
SLV	SLEEVE
SPEC	SPECIFICATION
STOR	STORAGE
ST PR	STATIC PRESSURE
SW	SWITCH
SYMM	SYMMETRICAL
AN	TANGENT
TEL	TELEPHONE
TEMP	TEMPERATURE
TEMP	TEMPORARY
TO	TOP OF
TOL	TOLERANCE
TOS	TOP OF SLAB
TV	TELEVISION
TYP	TYPICAL
UGND	UNDERGROUND
UTIL	UTILITY
VOL	VOLUME
W	WEST
W/	WITH
W/C	WHEELCHAIR
WHB	WHEEL BUMPER
WI	WROUGHT IRON
WM	WIRE MESH
W/O	WITHOUT
XFMR	TRANSFORMER
YD	YARD DRAIN

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JONESBORO MUNICIPAL AIRPORT
TERMINAL REPLACEMENT

3921 LINDBERGH DRIVE
JONESBORO, AR 72401

CERTIFICATE OF AUTHORIZATION
MICHAEL BAKER INTERNATIONAL INC
No. 1126
ARKANSAS ENGINEER

SPACE FOR PRACTICE SEAL

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 10243
MICHAEL H. STENGEL
10-18-24

CONSTRUCTION DOCUMENTS

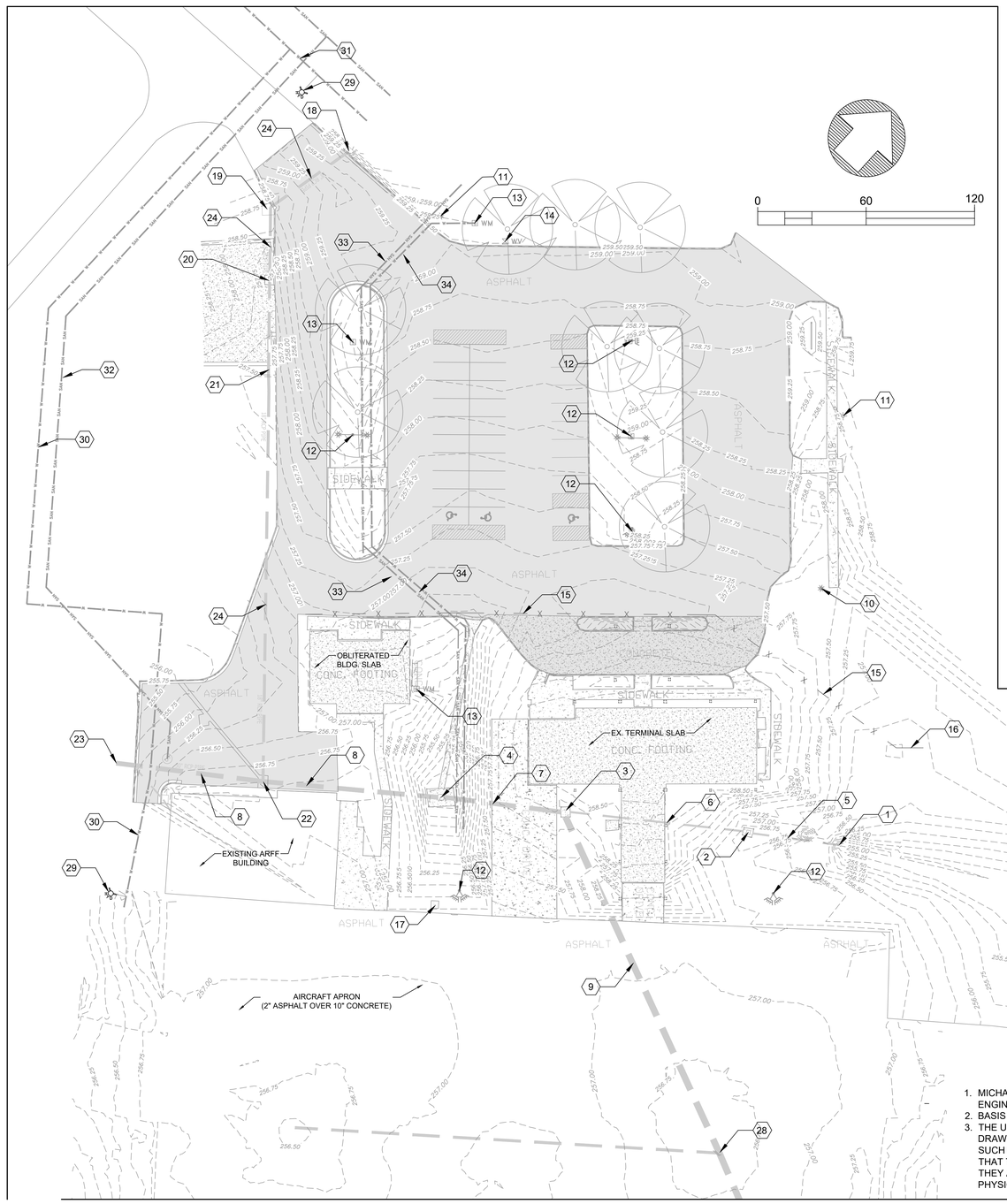
PROJECT NO.
2226

PROJECT NAME
TERMINAL REPLACEMENT

DATE
10/18/2024

CONTENTS
CIVIL ABBREVIATIONS

SHEET NUMBER
C-1.2



KEYNOTES

1	INV-IN (SW): 255.23	18	EX. GRATE INLET RIM:258.29 / INV-IN (S): 253.88
2	EX. GRATE INLET RIM:256.62 / INV-IN (NE): 254.9 INV-OUT (SW): 254.8	19	EX. CURB INLET RIM:258.67 / INV:253.40
3	EX. JUNCTION STRUCTURE RIM:258.14 / INV-IN (NE):253.4 INV-IN (SW):247.4 / INV-OUT (E):247.0	20	EX. GRATE INLET RIM:257.55 / INV:252.93
4	EX. GRATE INLET RIM:254.26 / INV:247.40	21	EX. GRATE INLET RIM:257.35 / INV:252.21
5	49 L.F. OF 12" HDPE PIPE	22	EX. JUNCTION STRUCTURE (COVERED IN CONCRETE, NO ACCESS)
6	96 L.F. OF 12" HDPE PIPE	23	EX. GRATE INLET RIM:UNKNOWN / INV:248.2
7	65 L.F. OF 30" RCP PIPE	24	18" RCP PIPE
8	30" RCP PIPE	25	12" CMP PIPE
9	42" RCP PIPE	26	INV-OUT:255.21
10	SINGLE-HEAD LUMINARE (OBLITERATED)	27	INV-IN:255.25
11	SINGLE-HEAD LUMINARE	28	EX. GRATE INLET RIM:256.14 INV-IN (NW):246.18
12	DUAL-HEAD LUMINARE (OBLITERATED)	29	EX. FIRE HYDRANT
13	WATER METER	30	EX. 8" WATER LINE
14	WATER VALVE	31	EX. 12" WATER LINE
15	EX. TEMPORARY CHAIN-LINK FENCE	32	EX. 8" PVC SANITARY SEWER LINE
16	EX. PERMANENT FENCE	33	EX. 6" PVC SANITARY SEWER LINE
17	EX. APU POWER SUPPLY PANEL (OBLITERATED)	34	EX. 1 1/2" WATER LINE

NOTE:
SEE SHEET C-1.0 GENERAL NOTES FOR ADDITIONAL INFORMATION.

MICHAEL BAKER SUREYOR'S NOTES

1. MICHAEL BAKER INTERNATIONAL PROVIDED THIS TOPOGRAPHIC SURVEY. THIS SURVEY WILL ASSIST IN THE ENGINEERING DESIGN FOR THE PROPOSED IMPROVEMENTS AT THE JONESBORO MUNICIPAL AIRPORT TERMINAL SITE.
2. BASIS OF BEARINGS: ARKANSAS STATE PLANE, NAD83, GEOID12B.
3. THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM FIELD SURVEY INFORMATION AND EXISTING DRAWINGS, THE SURVEYOR MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN EXACT LOCATION INDICATED ALTHOUGH HE DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM THE INFORMATION AVAILABLE. THIS SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES.

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JONESBORO MUNICIPAL AIRPORT
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No. 1126
ARKANSAS ENGINEER

SPACE FOR PRACTICE SEAL

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 10243
MICHAEL H. STENGEL
10-17-24

CONSTRUCTION DOCUMENTS

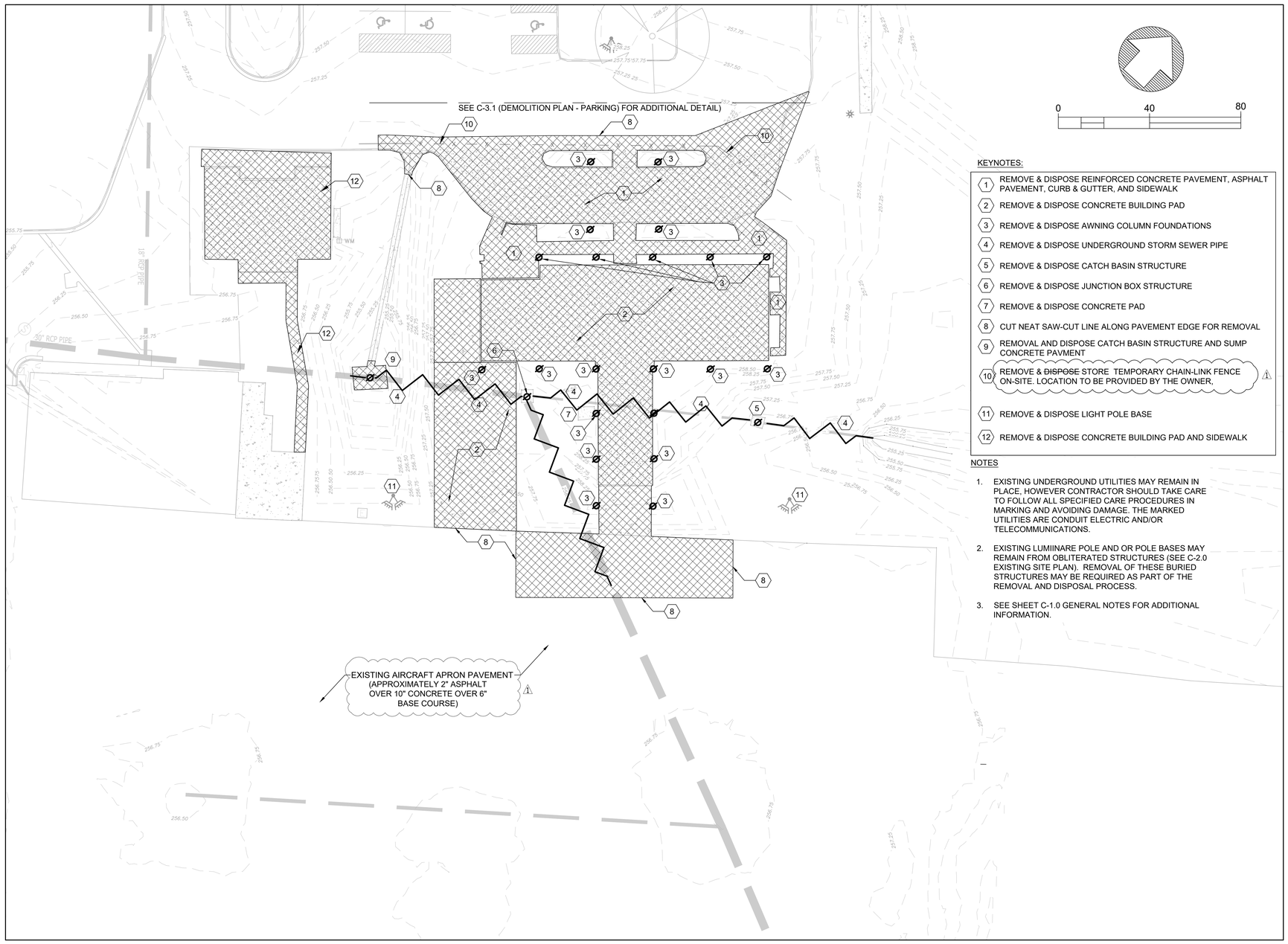
PROJECT NO.
2226

PROJECT NAME
TERMINAL REPLACEMENT

DATE
10/18/2024

CONTENTS
EXISTING SITE PLAN

SHEET NUMBER
C-2.0



KEYNOTES:

1. REMOVE & DISPOSE REINFORCED CONCRETE PAVEMENT, ASPHALT PAVEMENT, CURB & GUTTER, AND SIDEWALK
2. REMOVE & DISPOSE CONCRETE BUILDING PAD
3. REMOVE & DISPOSE AWNING COLUMN FOUNDATIONS
4. REMOVE & DISPOSE UNDERGROUND STORM SEWER PIPE
5. REMOVE & DISPOSE CATCH BASIN STRUCTURE
6. REMOVE & DISPOSE JUNCTION BOX STRUCTURE
7. REMOVE & DISPOSE CONCRETE PAD
8. CUT NEAT SAW-CUT LINE ALONG PAVEMENT EDGE FOR REMOVAL
9. REMOVAL AND DISPOSE CATCH BASIN STRUCTURE AND SUMP CONCRETE PAVMENT
10. REMOVE & ~~DISPOSE~~ STORE TEMPORARY CHAIN-LINK FENCE ON-SITE. LOCATION TO BE PROVIDED BY THE OWNER. 1
11. REMOVE & DISPOSE LIGHT POLE BASE
12. REMOVE & DISPOSE CONCRETE BUILDING PAD AND SIDEWALK

NOTES

1. EXISTING UNDERGROUND UTILITIES MAY REMAIN IN PLACE, HOWEVER CONTRACTOR SHOULD TAKE CARE TO FOLLOW ALL SPECIFIED CARE PROCEDURES IN MARKING AND AVOIDING DAMAGE. THE MARKED UTILITIES ARE CONDUIT ELECTRIC AND/OR TELECOMMUNICATIONS.
2. EXISTING LUMIINARE POLE AND OR POLE BASES MAY REMAIN FROM OBLITERATED STRUCTURES (SEE C-2.0 EXISTING SITE PLAN). REMOVAL OF THESE BURIED STRUCTURES MAY BE REQUIRED AS PART OF THE REMOVAL AND DISPOSAL PROCESS.
3. SEE SHEET C-1.0 GENERAL NOTES FOR ADDITIONAL INFORMATION.

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SPACE FOR PRACTICE SEAL

1	03/14/25	ADDENDUM # 2

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 19043
MICHAEL H. STENGEL
10-17-24

CONSTRUCTION DOCUMENTS

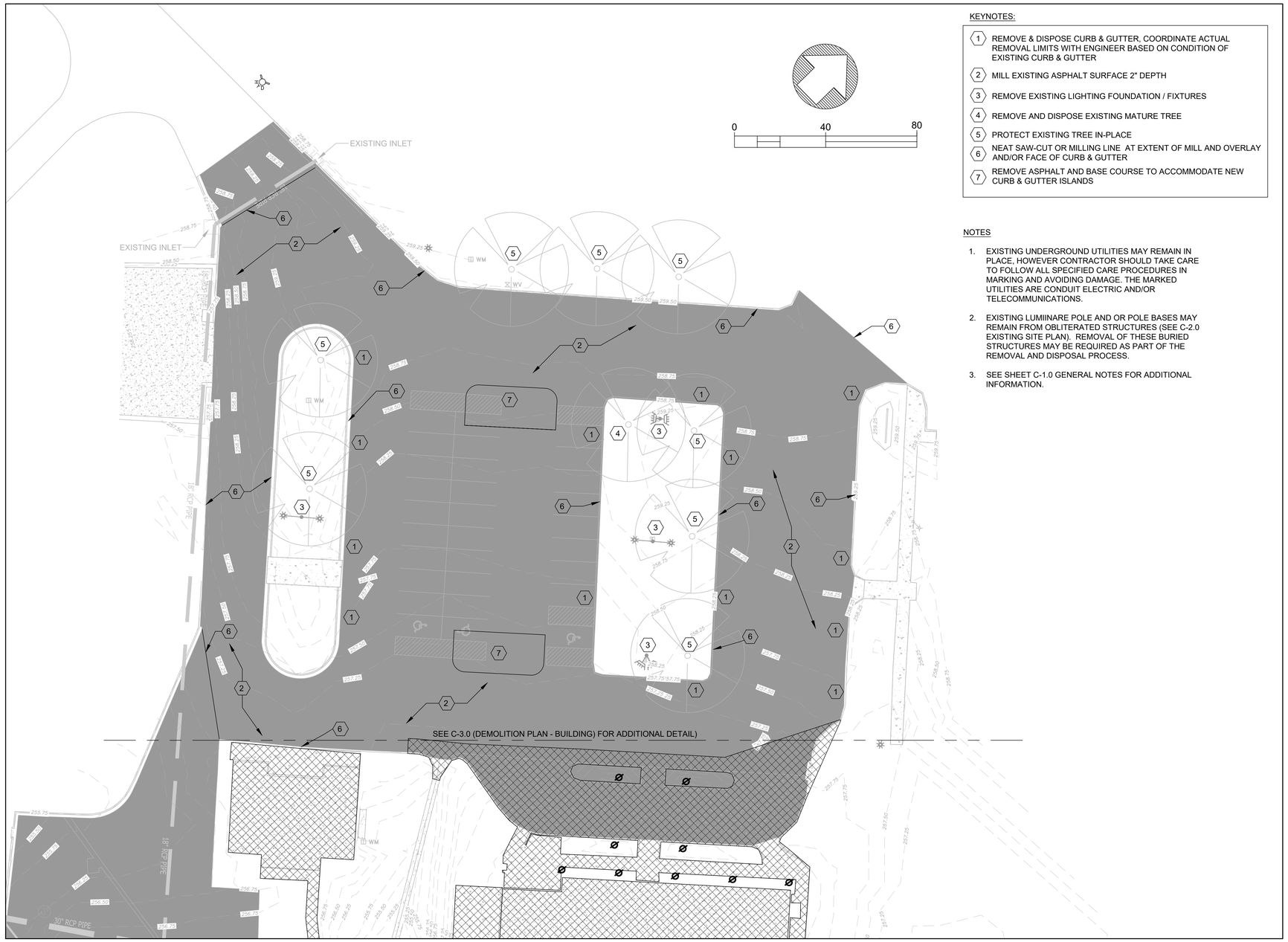
PROJECT NO.
2226

PROJECT NAME
TERMINAL REPLACEMENT

DATE
10/18/2024

CONTENTS
DEMOLITION PLAN-BUILDING

SHEET NUMBER
C-3.0



KEYNOTES:

1. REMOVE & DISPOSE CURB & GUTTER, COORDINATE ACTUAL REMOVAL LIMITS WITH ENGINEER BASED ON CONDITION OF EXISTING CURB & GUTTER
2. MILL EXISTING ASPHALT SURFACE 2" DEPTH
3. REMOVE EXISTING LIGHTING FOUNDATION / FIXTURES
4. REMOVE AND DISPOSE EXISTING MATURE TREE
5. PROTECT EXISTING TREE IN-PLACE
6. NEAT SAW-CUT OR MILLING LINE AT EXTENT OF MILL AND OVERLAY AND/OR FACE OF CURB & GUTTER
7. REMOVE ASPHALT AND BASE COURSE TO ACCOMMODATE NEW CURB & GUTTER ISLANDS

NOTES

1. EXISTING UNDERGROUND UTILITIES MAY REMAIN IN PLACE, HOWEVER CONTRACTOR SHOULD TAKE CARE TO FOLLOW ALL SPECIFIED CARE PROCEDURES IN MARKING AND AVOIDING DAMAGE. THE MARKED UTILITIES ARE CONDUIT ELECTRIC AND/OR TELECOMMUNICATIONS.
2. EXISTING LUMIINARE POLE AND OR POLE BASES MAY REMAIN FROM OBLITERATED STRUCTURES (SEE C-2.0 EXISTING SITE PLAN). REMOVAL OF THESE BURIED STRUCTURES MAY BE REQUIRED AS PART OF THE REMOVAL AND DISPOSAL PROCESS.
3. SEE SHEET C-1.0 GENERAL NOTES FOR ADDITIONAL INFORMATION.

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ARKANSAS ENGINEER

STATE OF ARKANSAS
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No. 12243
MICHAEL H. STENGEL
10-18-24

CONSTRUCTION DOCUMENTS

PROJECT NO.
2226

PROJECT NAME
TERMINAL REPLACEMENT

DATE
10/18/2024

CONTENTS
DEMOLITION PLAN - PARKING

SHEET NUMBER
C-3.1

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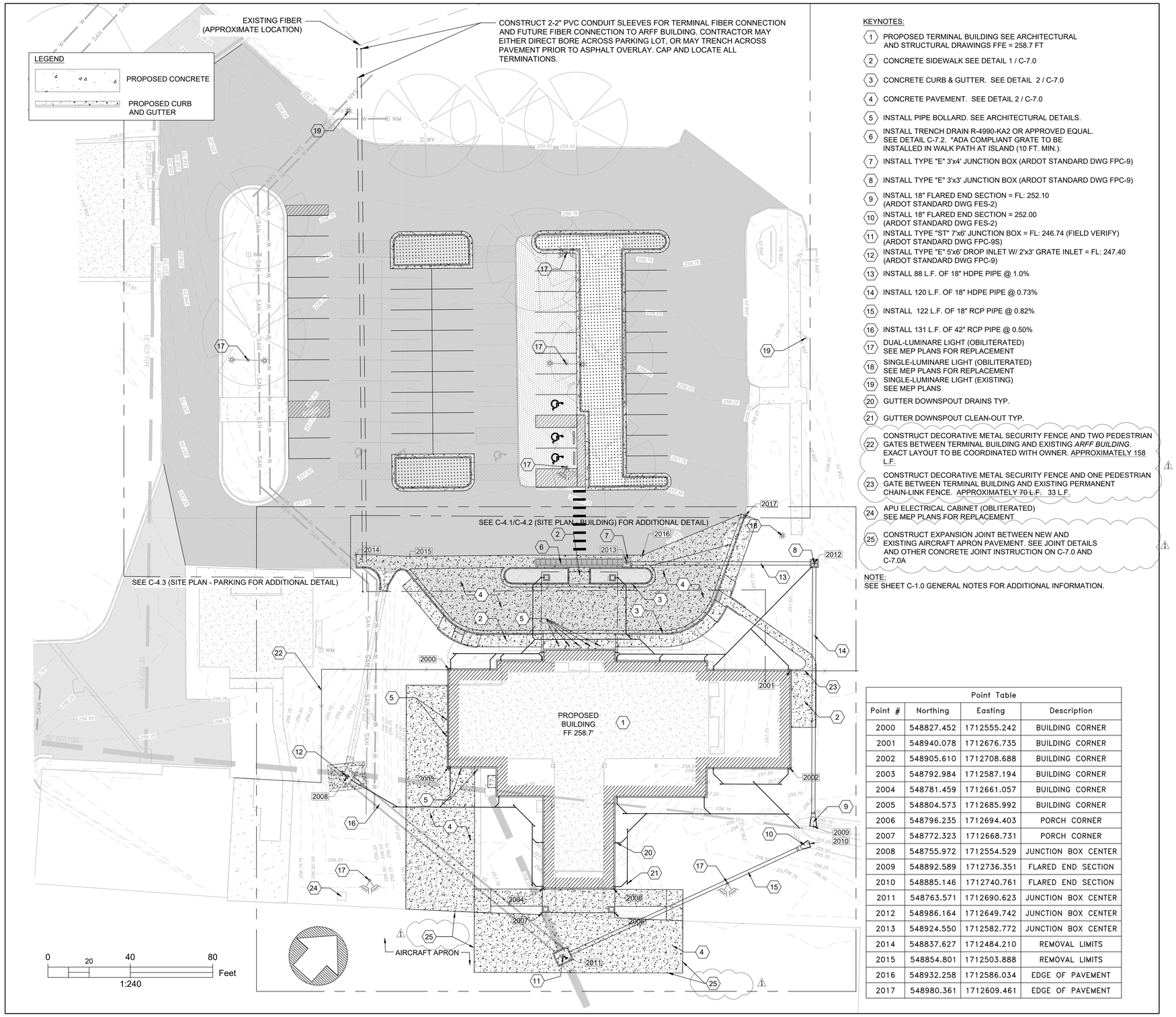

KEYNOTES:

1. PROPOSED TERMINAL BUILDING SEE ARCHITECTURAL AND STRUCTURAL DRAWINGS FFE = 258.7 FT
2. CONCRETE SIDEWALK SEE DETAIL 1 / C-7.0
3. CONCRETE CURB & GUTTER. SEE DETAIL 2 / C-7.0
4. CONCRETE PAVEMENT. SEE DETAIL 2 / C-7.0
5. INSTALL PIPE BOLLARD. SEE ARCHITECTURAL DETAILS.
6. INSTALL TRENCH DRAIN R-4990-KA2 OR APPROVED EQUAL. SEE DETAIL C-7.2. *ADA COMPLIANT GRATE TO BE INSTALLED IN WALK PATH AT ISLAND (10 FT. MIN.).
7. INSTALL TYPE "E" 3'x4' JUNCTION BOX (ARDOT STANDARD DWG FPC-9)
8. INSTALL TYPE "E" 3'x3' JUNCTION BOX (ARDOT STANDARD DWG FPC-9)
9. INSTALL 18" FLARED END SECTION = FL: 252.10 (ARDOT STANDARD DWG FES-2)
10. INSTALL 18" FLARED END SECTION = 252.00 (ARDOT STANDARD DWG FES-2)
11. INSTALL TYPE "ST" 7'x6' JUNCTION BOX = FL: 246.74 (FIELD VERIFY) (ARDOT STANDARD DWG FPC-9S)
12. INSTALL TYPE "E" 5'x6' DROP INLET W/ 2'x3' GRATE INLET = FL: 247.40 (ARDOT STANDARD DWG FPC-9)
13. INSTALL 88 L.F. OF 18" HDPE PIPE @ 1.0%
14. INSTALL 120 L.F. OF 18" HDPE PIPE @ 0.73%
15. INSTALL 122 L.F. OF 18" RCP PIPE @ 0.82%
16. INSTALL 131 L.F. OF 42" RCP PIPE @ 0.50%
17. DUAL-LUMINARE LIGHT (OBILITERATED) SEE MEP PLANS FOR REPLACEMENT
18. SINGLE-LUMINARE LIGHT (OBILITERATED) SEE MEP PLANS FOR REPLACEMENT
19. SINGLE-LUMINARE LIGHT (EXISTING) SEE MEP PLANS
20. GUTTER DOWNSPOUT DRAINS TYP.
21. GUTTER DOWNSPOUT CLEAN-OUT TYP.
22. CONSTRUCT DECORATIVE METAL SECURITY FENCE AND TWO PEDESTRIAN GATES BETWEEN TERMINAL BUILDING AND EXISTING *ARFF BUILDING*. EXACT LAYOUT TO BE COORDINATED WITH OWNER. APPROXIMATELY 158 L.F.
23. CONSTRUCT DECORATIVE METAL SECURITY FENCE AND ONE PEDESTRIAN GATE BETWEEN TERMINAL BUILDING AND EXISTING PERMANENT CHAIN-LINK FENCE. APPROXIMATELY 70 L.F. 33 L.F.
24. APU ELECTRICAL CABINET (OBLITERATED) SEE MEP PLANS FOR REPLACEMENT
25. CONSTRUCT EXPANSION JOINT BETWEEN NEW AND EXISTING AIRCRAFT APRON PAVEMENT. SEE JOINT DETAILS AND OTHER CONCRETE JOINT INSTRUCTION ON C-7.0 AND C-7.0A

NOTE:
SEE SHEET C-1.0 GENERAL NOTES FOR ADDITIONAL INFORMATION.

Point Table			
Point #	Northing	Easting	Description
2000	548827.452	1712555.242	BUILDING CORNER
2001	548940.078	1712676.735	BUILDING CORNER
2002	548905.610	1712708.688	BUILDING CORNER
2003	548792.984	1712587.194	BUILDING CORNER
2004	548781.459	1712661.057	BUILDING CORNER
2005	548804.573	1712685.992	BUILDING CORNER
2006	548796.235	1712694.403	PORCH CORNER
2007	548772.323	1712668.731	PORCH CORNER
2008	548755.972	1712554.529	JUNCTION BOX CENTER
2009	548892.589	1712736.351	FLARED END SECTION
2010	548885.146	1712740.761	FLARED END SECTION
2011	548763.571	1712690.623	JUNCTION BOX CENTER
2012	548986.164	1712649.742	JUNCTION BOX CENTER
2013	548924.550	1712582.772	JUNCTION BOX CENTER
2014	548837.627	1712484.210	REMOVAL LIMITS
2015	548854.801	1712503.888	REMOVAL LIMITS
2016	548932.258	1712586.034	EDGE OF PAVEMENT
2017	548980.361	1712609.461	EDGE OF PAVEMENT

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JONESBORO MUNICIPAL AIRPORT
TERMINAL REPLACEMENT

3921 LINDBERGH DRIVE
JONESBORO, AR 72401

CERTIFICATE OF AUTHORIZATION
MICHAEL BAKER INTERNATIONAL INC
No. 1126
ARKANSAS ENGINEER

1	03/14/25	ADDENDUM #2

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 10243
MICHAEL H. STENGEL
10-17-24

CONSTRUCTION DOCUMENTS

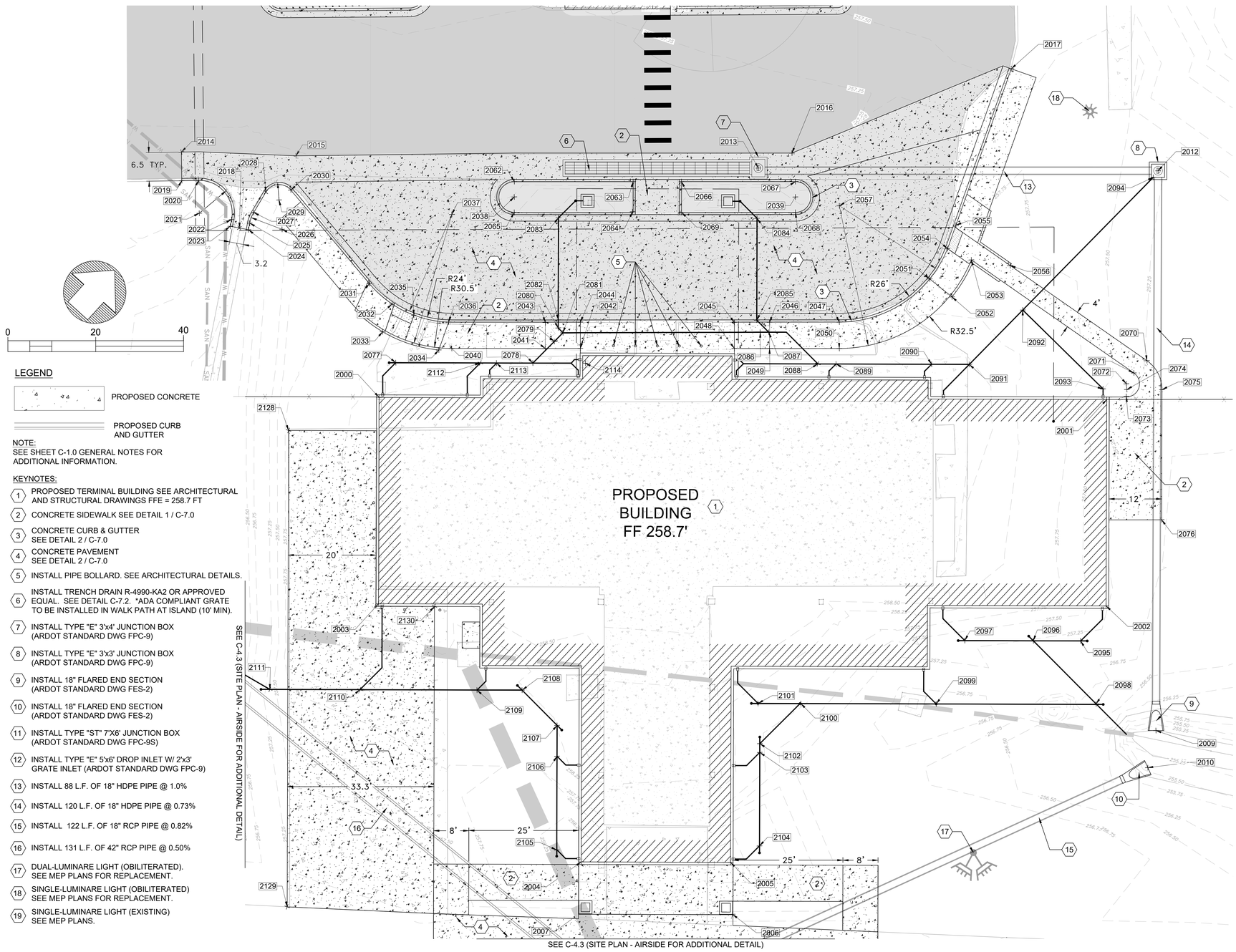
PROJECT NO.
2226

PROJECT NAME
TERMINAL REPLACEMENT

DATE
10/18/2024

CONTENTS
SITE PLAN - OVERVIEW

SHEET NUMBER
C-4.0



0 20 40

LEGEND

PROPOSED CONCRETE

PROPOSED CURB AND GUTTER

NOTE:
SEE SHEET C-1.0 GENERAL NOTES FOR ADDITIONAL INFORMATION.

KEYNOTES:

1. PROPOSED TERMINAL BUILDING SEE ARCHITECTURAL AND STRUCTURAL DRAWINGS FFE = 258.7 FT
2. CONCRETE SIDEWALK SEE DETAIL 1 / C-7.0
3. CONCRETE CURB & GUTTER SEE DETAIL 2 / C-7.0
4. CONCRETE PAVEMENT SEE DETAIL 2 / C-7.0
5. INSTALL PIPE BOLLARD. SEE ARCHITECTURAL DETAILS.
6. INSTALL TRENCH DRAIN R-4990-KA2 OR APPROVED EQUAL. SEE DETAIL C-7.2. *ADA COMPLIANT GRATE TO BE INSTALLED IN WALK PATH AT ISLAND (10' MIN).
7. INSTALL TYPE "E" 3'x4' JUNCTION BOX (ARDOT STANDARD DWG FPC-9)
8. INSTALL TYPE "E" 3'x3' JUNCTION BOX (ARDOT STANDARD DWG FPC-9)
9. INSTALL 18" FLARED END SECTION (ARDOT STANDARD DWG FES-2)
10. INSTALL 18" FLARED END SECTION (ARDOT STANDARD DWG FES-2)
11. INSTALL TYPE "ST" 7'X6' JUNCTION BOX (ARDOT STANDARD DWG FPC-9S)
12. INSTALL TYPE "E" 5'x6' DROP INLET W/ 2'x3' GRATE INLET (ARDOT STANDARD DWG FPC-9)
13. INSTALL 88 L.F. OF 18" HDPE PIPE @ 1.0%
14. INSTALL 120 L.F. OF 18" HDPE PIPE @ 0.73%
15. INSTALL 122 L.F. OF 18" RCP PIPE @ 0.82%
16. INSTALL 131 L.F. OF 42" RCP PIPE @ 0.50%
17. DUAL-LUMINARE LIGHT (OBILITERATED). SEE MEP PLANS FOR REPLACEMENT.
18. SINGLE-LUMINARE LIGHT (OBILITERATED) SEE MEP PLANS FOR REPLACEMENT.
19. SINGLE-LUMINARE LIGHT (EXISTING) SEE MEP PLANS.

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10-18-24

CONSTRUCTION DOCUMENTS

PROJECT NO.
2226

PROJECT NAME
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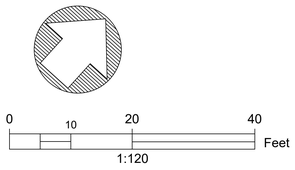
CONTENTS
SITE PLAN - BUILDING

SHEET NUMBER
C-4.1



LEGEND

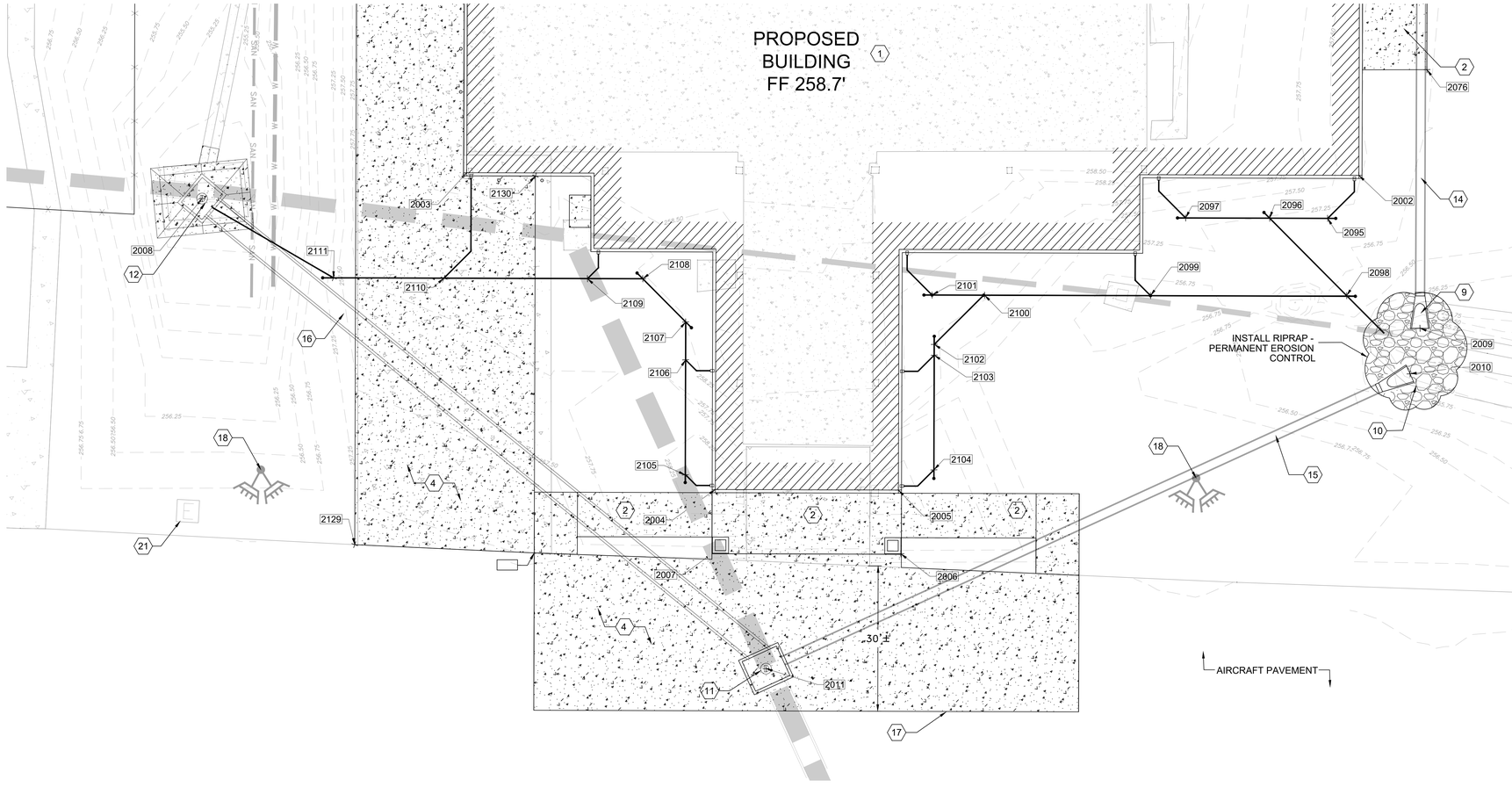
PROPOSED CONCRETE

PROPOSED CURB AND GUTTER

NOTE:
SEE SHEET C-1.0 GENERAL NOTES FOR ADDITIONAL INFORMATION.

KEYNOTES:

1. PROPOSED TERMINAL BUILDING SEE ARCHITECTURAL AND STRUCTURAL DRAWINGS FFE = 258.7 FT
2. CONCRETE SIDEWALK SEE DETAIL 1 / C-7.0
3. CONCRETE CURB & GUTTER SEE DETAIL 2 / C-7.0
4. CONCRETE PAVEMENT SEE DETAIL 2 / C-7.0
5. INSTALL PIPE BOLLARD. SEE ARCHITECTURAL DETAILS.
6. INSTALL TRENCH DRAIN R-4990-KA2 OR APPROVED EQUAL. SEE DETAIL C-7.2. *ADA COMPLIANT GRATE TO BE INSTALLED IN WALK PATH AT ISLAND (10' MIN).
7. INSTALL TYPE "E" 3'x4' JUNCTION BOX (ARDOT STANDARD DWG FPC-9)
8. INSTALL TYPE "E" 3'x3' JUNCTION BOX (ARDOT STANDARD DWG FPC-9)
9. INSTALL 18" FLARED END SECTION (ARDOT STANDARD DWG FES-2)
10. INSTALL 18" FLARED END SECTION (ARDOT STANDARD DWG FES-2)
11. INSTALL TYPE "ST" 7'X6' JUNCTION BOX (ARDOT STANDARD DWG FPC-9S)
12. INSTALL TYPE "E" 5'x6' DROP INLET W/ 2'x3' GRATE INLET (ARDOT STANDARD DWG FPC-9)
13. INSTALL 88 L.F. OF 18" HDPE PIPE @ 1.0%
14. INSTALL 120 L.F. OF 18" HDPE PIPE @ 0.73%
15. INSTALL 122 L.F. OF 18" RCP PIPE @ 0.82%
16. INSTALL 131 L.F. OF 42" RCP PIPE @ 0.50%
17. PAVEMENT REMOVAL / RECONSTRUCTION LIMITS AS NEEDED TO ACCOMMODATE PIPING AND INLET CONSTRUCTION.
18. DUAL-LUMINARE LIGHT (OBILITERATED). SEE MEP PLANS FOR REPLACEMENT.
19. SINGLE-LUMINARE LIGHT (OBILITERATED) SEE MEP PLANS FOR REPLACEMENT.
20. SINGLE-LUMINARE LIGHT (EXISTING) SEE MEP PLANS.
21. APU ELECTRICAL CABINET (OBLITERATED) SEE MEP PLANS FOR REPLACEMENT



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10-18-24

CONSTRUCTION DOCUMENTS

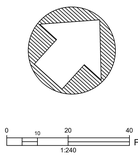
PROJECT NO.
2226

PROJECT NAME
TERMINAL REPLACEMENT

DATE
10/18/2024

CONTENTS
SITE PLAN - AIRSIDE

SHEET NUMBER
C-4.2



0 10 20 40 Feet
1:240

LEGEND

PROPOSED CONCRETE

PROPOSED 2" ASPHALT MILL AND OVERLAY

PROPOSED ASPHALT PAVEMENT SECTION

PROPOSED GRASS ISLAND

PROPOSED CURB AND GUTTER

NOTE:
SEE SHEET C-1.0 GENERAL NOTES FOR ADDITIONAL INFORMATION.

KEYNOTES:

1. REPLACE CURB AND GUTTER IN SAME LOCATION
2. PROPOSED NEW CURB AND GUTTER
3. RETAIN EXISTING GRASS ISLAND AND TREES
4. 4" YELLOW STRIPING 2' O.C. TYP. FOR ADA INNER AISLE STRIPING
5. 4" YELLOW STRIPING TYP. FOR ALL ADA STALLS AND AISLE BORDERS
6. ADA PARKING SYMBOLS TYP. SEE DETAIL 4 / C-7.0
7. INSTALL 6' CONCRETE WHEEL STOPS

NOTE:
ALL NEW LANE AND AISLE STRIPING SHALL BE 4" YELLOW.

STD. ACCESIBLE SIGN
SEE DETAIL 4/C-7.0

VAN ACCESIBLE SIGN
SEE DETAIL 4/C-7.0

12" WHITE CROSSWALK STRIPES
6' WIDE – PLACED 4' O.C.

18" RCP PIPE

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CONSTRUCTION DOCUMENTS

PROJECT NO.
2226

PROJECT NAME
TERMINAL REPLACEMENT

DATE
10/18/2024

CONTENTS
SITE PLAN - PARKING

SHEET NUMBER
C-4.3

Point Table			
Point #	Northing	Easting	Description
2000	548827.452	1712555.242	BUILDING CORNER
2001	548940.078	1712676.735	BUILDING CORNER
2002	548905.610	1712708.688	BUILDING CORNER
2003	548792.984	1712587.194	BUILDING CORNER
2004	548781.459	1712661.057	BUILDING CORNER
2005	548804.573	1712685.992	BUILDING CORNER
2006	548796.235	1712694.403	PORCH CORNER
2007	548772.323	1712668.731	PORCH CORNER
2008	548755.972	1712554.529	JUNCTION BOX CENTER
2009	548892.589	1712736.351	FLARED END SECTION
2010	548885.146	1712740.761	FLARED END SECTION
2011	548763.571	1712690.623	JUNCTION BOX CENTER
2012	548986.164	1712649.742	JUNCTION BOX CENTER
2013	548924.550	1712582.772	JUNCTION BOX CENTER
2014	548837.627	1712484.210	REMOVAL LIMITS
2015	548854.801	1712503.888	REMOVAL LIMITS
2016	548932.258	1712586.034	EDGE OF PAVEMENT
2017	548980.361	1712609.461	EDGE OF PAVEMENT
2018	548833.977	1712505.665	FLUME FL
2019	548832.939	1712488.712	MATCH EXISTING CURB

Point Table			
Point #	Northing	Easting	Description
2020	548835.619	1712491.503	BACK OF CURB
2021	548830.210	1712496.698	RADIUS POINT 7.5 FT (BC)
2022	548834.182	1712503.060	BACK OF CURB
2023	548832.860	1712503.885	BACK OF CURB
2024	548835.096	1712507.443	BACK OF CURB
2025	548836.392	1712506.628	BACK OF CURB
2026	548840.387	1712512.975	RADIUS POINT
2027	548838.782	1712505.649	BACK OF CURB
2028	548844.063	1712504.492	BACK OF CURB
2029	548844.812	1712507.911	RADIUS POINT 3.5 FT (BC)
2030	548848.286	1712508.338	BACK OF CURB
2031	548844.893	1712535.956	BACK OF CURB
2032	548845.032	1712542.903	BACK OF CURB
2033	548838.940	1712545.632	BACK OF CURB
2034	548844.619	1712557.819	BACK OF CURB
2035	548846.547	1712548.251	BACK OF CURB
2036	548850.810	1712555.121	BACK OF CURB
2037	548869.210	1712538.943	RADIUS POINT 24 FT. / 31.0 FT. (FC)
2038	548881.837	1712546.620	RADIUS POINT 3.5 FT. (BC)
2039	548925.482	1712593.430	RADIUS POINT 3.5 FT. (BC)

Point Table			
Point #	Northing	Easting	Description
2040	548846.902	1712559.743	BACK OF SIDEWALK
2041	548861.413	1712575.305	BACK OF SIDEWALK
2042	548866.860	1712581.147	SIDWALK CORNER
2043	548865.752	1712571.283	BACK OF CURB
2044	548871.252	1712577.060	BACK OF CURB
2045	548895.117	1712602.748	BACK OF CURB
2046	548900.610	1712608.597	BACK OF CURB
2047	548911.456	1712620.179	BACK OF CURB
2048	548890.771	1712606.792	BACK OF SIDEWALK
2049	548896.235	1712612.653	BACK OF SIDEWALK
2050	548907.068	1712624.271	BACK OF SIDEWALK
2051	548932.691	1712628.543	BACK OF CURB
2052	548933.146	1712635.027	BACK OF SIDEWALK
2053	548942.326	1712632.510	BACK OF SIDEWALK
2054	548940.496	1712626.785	BACK OF CURB
2055	548945.728	1712624.529	BACK OF CURB
2056	548947.421	1712639.861	SIDEWALK CORNER
2057	548930.838	1712602.108	RADIUS POINT 26.0 FT. (FC)/32.5 FT. (ES)
2062	548884.397	1712544.233	BACK OF CURB
2063	548902.857	1712564.032	BACK OF CURB

Point Table			
Point #	Northing	Easting	Description
2064	548897.737	1712568.617	BACK OF CURB
2065	548879.277	1712549.007	BACK OF CURB
2066	548910.358	1712572.077	BACK OF CURB
2067	548928.042	1712591.043	BACK OF CURB
2068	548922.922	1712595.817	BACK OF CURB
2069	548905.238	1712576.851	BACK OF CURB
2070	548952.800	1712677.397	SIDEWALK EDGE
2071	548948.721	1712677.126	SIDEWALK EDGE
2072	548945.751	1712677.552	RADIUS POINT 3 FT.
2073	548943.645	1712679.522	SIDEWALK EDGE
2074	548944.881	1712678.532	RADIUS POINT 3 FT.
2075	548950.320	1712684.399	SIDEWALK EDGE
2076	548928.578	1712704.555	SIDEWALK EDGE
2077	548835.825	1712552.630	ROOF DRAIN JOINT
2078	548857.036	1712575.511	ROOF DRAIN JOINT
2079	548863.978	1712575.734	ROOF DRAIN JOINT
2080	548866.830	1712574.270	ROOF DRAIN JOINT
2081	548866.771	1712575.824	ROOF DRAIN JOINT
2082	548868.215	1712573.069	ROOF DRAIN JOINT
2083	548885.237	1712557.206	ROOF DRAIN JOINT

Point Table			
Point #	Northing	Easting	Description
2084	548915.977	1712590.363	ROOF DRAIN JOINT
2085	548898.961	1712606.141	ROOF DRAIN JOINT
2086	548897.482	1712608.579	ROOF DRAIN JOINT
2087	548898.815	1712610.001	ROOF DRAIN JOINT
2088	548901.166	1712623.115	ROOF DRAIN JOINT
2089	548903.978	1712626.149	ROOF DRAIN JOINT
2090	548918.765	1712642.100	ROOF DRAIN JOINT
2091	548924.597	1712648.390	ROOF DRAIN JOINT
2092	548941.965	1712648.851	ROOF DRAIN JOINT
2093	548941.285	1712674.480	ROOF DRAIN JOINT
2094	548984.331	1712649.975	ROOF DRAIN JOINT
2095	548895.820	1712709.894	ROOF DRAIN JOINT
2096	548888.500	1712701.999	ROOF DRAIN JOINT
2097	548877.886	1712690.548	ROOF DRAIN JOINT
2098	548887.734	1712722.255	ROOF DRAIN JOINT
2099	548862.893	1712695.627	ROOF DRAIN JOINT
2100	548841.948	1712673.032	ROOF DRAIN JOINT
2101	548835.311	1712665.873	ROOF DRAIN JOINT
2102	548828.898	1712672.419	ROOF DRAIN JOINT
2103	548827.428	1712673.782	ROOF DRAIN JOINT

Point Table			
Point #	Northing	Easting	Description
2104	548811.808	1712688.260	ROOF DRAIN JOINT
2105	548779.647	1712655.123	ROOF DRAIN JOINT
2106	548795.309	1712640.608	ROOF DRAIN JOINT
2107	548800.460	1712635.833	ROOF DRAIN JOINT
2108	548800.890	1712624.529	ROOF DRAIN JOINT
2109	548793.897	1712617.012	ROOF DRAIN JOINT
2110	548775.786	1712597.449	ROOF DRAIN JOINT
2111	548761.840	1712582.404	ROOF DRAIN JOINT
2112	548848.912	1712566.747	ROOF DRAIN JOINT
2113	548851.416	1712569.448	ROOF DRAIN JOINT
2114	548865.177	1712584.293	ROOF DRAIN JOINT
2128	548807.897	1712545.302	ROOF DRAIN JOINT
2129	548728.317	1712619.075	ROOF DRAIN JOINT
2130	548801.224	1712596.941	ROOF DRAIN JOINT

NOTE:
SEE SHEET C-1.0 GENERAL NOTES FOR ADDITIONAL INFORMATION.

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Michael Baker INTERNATIONAL
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JONESBORO MUNICIPAL AIRPORT
TERMINAL REPLACEMENT

3921 LINDBERGH DRIVE
JONESBORO, AR 72401

CERTIFICATE OF AUTHORIZATION
MICHAEL BAKER INTERNATIONAL INC
No. 1126
ARKANSAS ENGINEER

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 19043
MICHAEL H. STENGEL
10-17-24

CONSTRUCTION DOCUMENTS

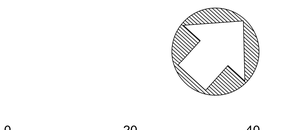
PROJECT NO.
2226

PROJECT NAME
TERMINAL REPLACEMENT

DATE
10/18/2024

CONTENTS
SITE PLAN - BUILDING COORDINATE LIST

SHEET NUMBER
C-4.4

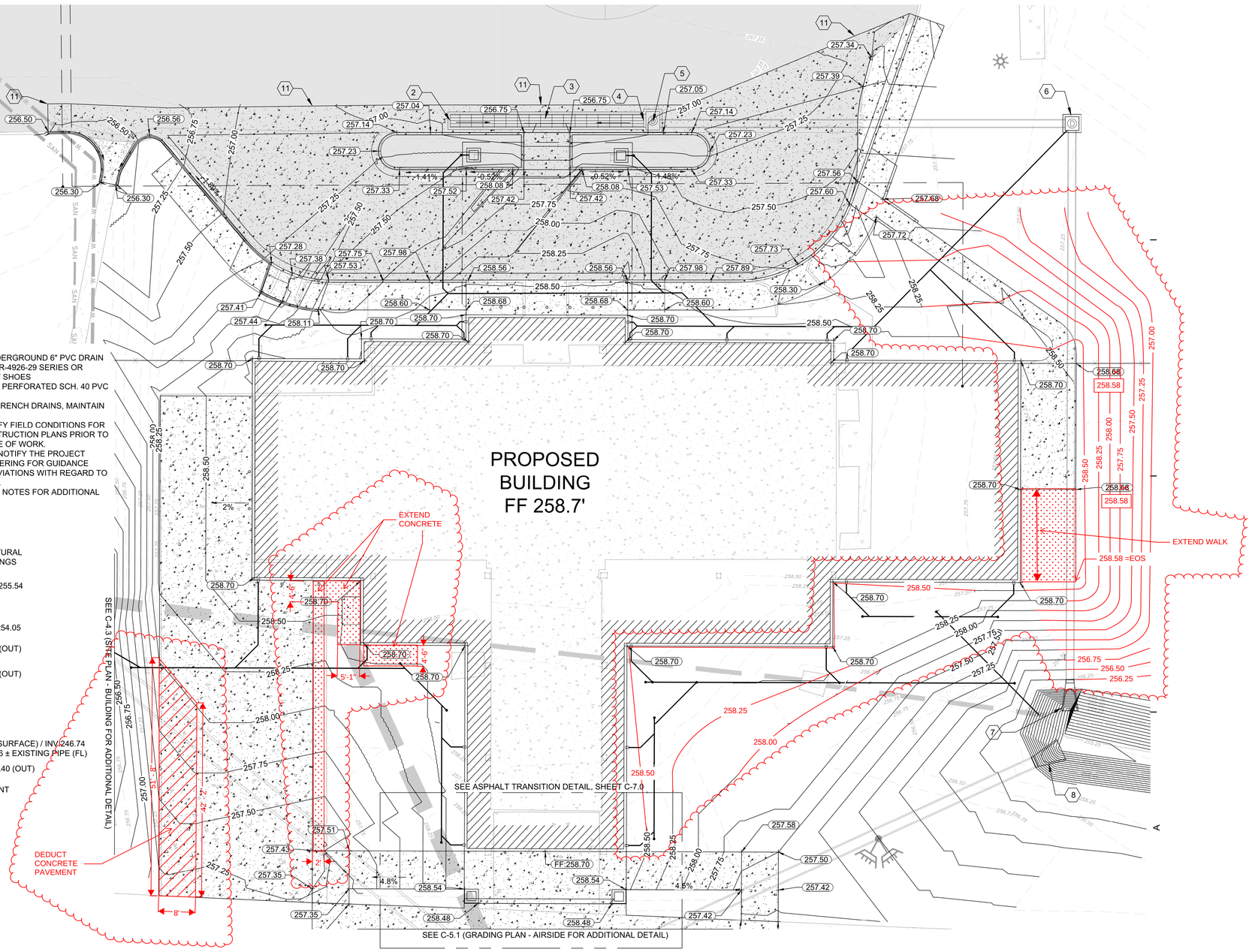


NOTES:

- TIE DOWN SPOUTS TO UNDERGROUND 6" PVC DRAIN NETWORK USING NEENAH R-4926-29 SERIES OR EQUIVALENT DOWN SPOUT SHOES
- 6" PVC PIPE SHALL BE NON PERFORATED SCH. 40 PVC PIPE.
- ON ALL DRAIN PIPES AND FRENCH DRAINS, MAINTAIN POSITIVE DRAINAGE.
- CONTRACTOR SHALL VERIFY FIELD CONDITIONS FOR AGREEMENTS WITH CONSTRUCTION PLANS PRIOR TO COMMENCING EACH STAGE OF WORK.
- THE CONTRACTOR SHALL NOTIFY THE PROJECT MANAGER AND OR ENGINEERING FOR GUIDANCE PRIOR TO MAKING ANY DEVIATIONS WITH REGARD TO THE CONSTRUCTION PLAN.
- SEE SHEET C-1.0 GENERAL NOTES FOR ADDITIONAL INFORMATION.

KEYNOTES:

1. PROPOSED TERMINAL BUILDING SEE ARCHITECTURAL AND STRUCTURAL DRAWINGS FFE = 258.7 FT
2. TRENCH RIM:257.04 / INV: 255.54
3. TRENCH INVERT: 3.54%
4. TRENCH RIM:257.05 / INV:254.05
5. JB RIM:257.05 / INV:253.95 (OUT)
6. JB RIM:257.35 / INV:252.97 (OUT)
7. FES / INV:252.10
8. FES / INV:252.00
9. JB RIM:257.05 (MATCH EX. SURFACE) / INV:246.74 (IN-W) / 250.78 (IN-N) / 246.66 ± EXISTING PIPE (FL)
10. INLET RIM:254.26 / INV 247.40 (OUT)
11. MATCH EXISTING PAVEMENT



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JONESBORO MUNICIPAL AIRPORT
TERMINAL REPLACEMENT

3921 LINDBERGH DRIVE
JONESBORO, AR 72401

CERTIFICATE OF AUTHORIZATION
MICHAEL BAKER INTERNATIONAL INC
No. 1126
ARKANSAS ENGINEER

No.	DATE	DESCRIPTION
5	05/05/25	PR 001

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 10243
MICHAEL H. STENGEL
10-17-24

CONSTRUCTION DOCUMENTS

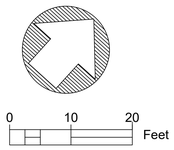
PROJECT NO.
2226

PROJECT NAME
TERMINAL REPLACEMENT

DATE
10/18/2024

CONTENTS
GRADING PLAN - BUILDING

SHEET NUMBER
C-5.0



NOTES:

- TIE DOWN SPOUTS TO UNDERGROUND 6" PVC DRAIN NETWORK USING NEENAH R-4926-29 SERIES OR EQUIVALENT DOWN SPOUT SHOES
- 6" PVC PIPE SHALL BE NON PERFORATED SCH. 40 PVC PIPE.
- ON ALL DRAIN PIPES AND FRENCH DRAINS, MAINTAIN POSITIVE DRAINAGE.
- CONTRACTOR SHALL VERIFY FIELD CONDITIONS FOR AGREEMENTS WITH CONSTRUCTION PLANS PRIOR TO COMMENCING EACH STAGE OF WORK.
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KEYNOTES:

1. PROPOSED TERMINAL BUILDING SEE ARCHITECTURAL AND STRUCTURAL DRAWINGS FFE = 258.7 FT
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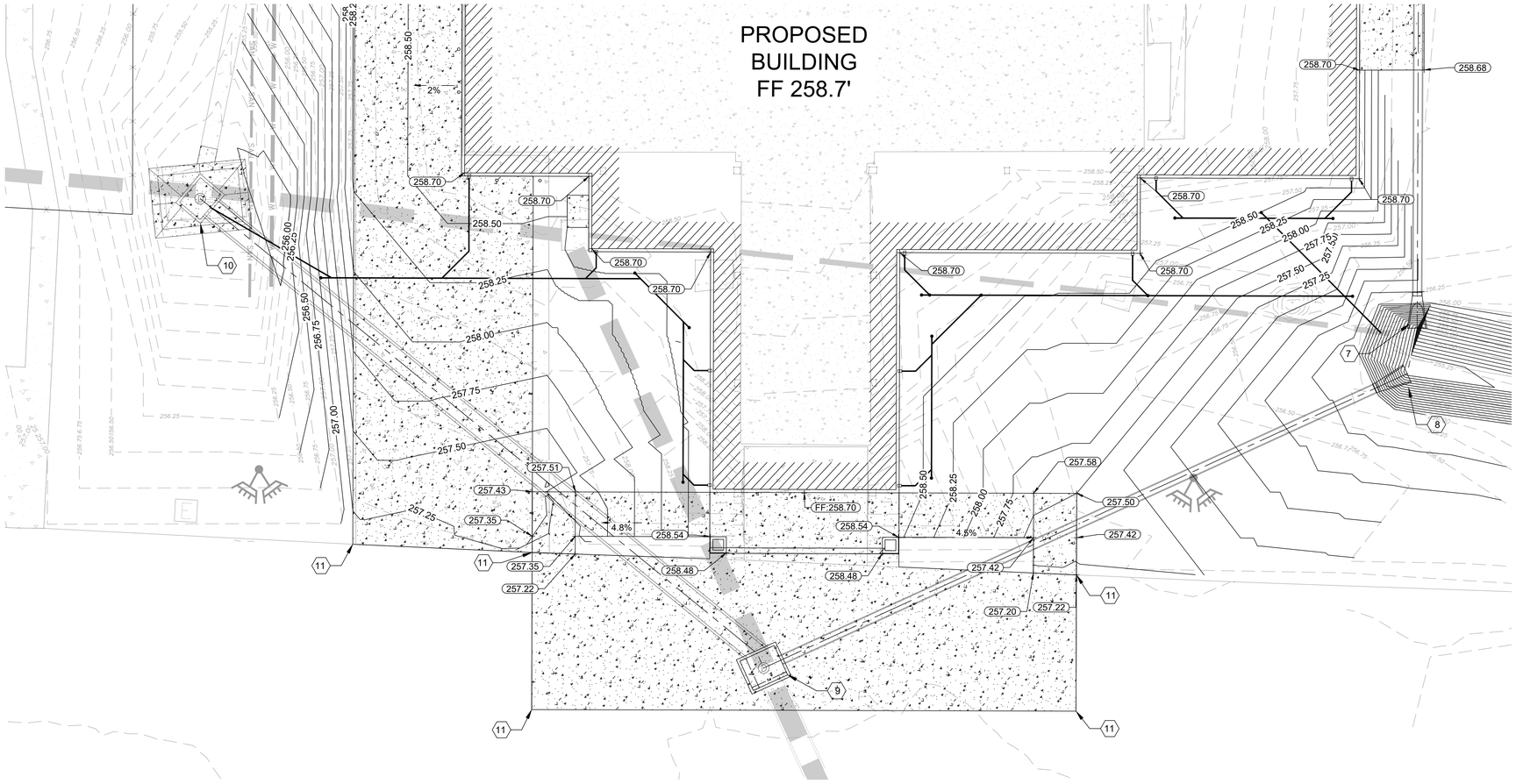
3. TRENCH INVERT: 3.54%
4. TRENCH RIM:257.05 / INV:254.05
5. JB RIM:257.05 / INV:253.95 (OUT)
6. JB RIM:257.35 / INV:252.97 (OUT)
7. FES / INV:252.10
8. FES / INV:252.00
9. JB RIM:257.05 (MATCH EX. SURFACE) / INV:246.74 (IN-W) / 251.00 (IN-N) / 246.66 ± EXISTING PIPE (FL) - FIELD VERIFY
10. INLET RIM:254.26 / INV 247.40 (OUT)
11. MATCH EXISTING PAVEMENT



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JONESBORO MUNICIPAL AIRPORT
TERMINAL REPLACEMENT

3921 LINDBERGH DRIVE
JONESBORO, AR 72401

CERTIFICATE OF AUTHORIZATION
MICHAEL BAKER INTERNATIONAL INC
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ARKANSAS ENGINEER

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 13243
MICHAEL H. STENGEL
10-18-24

CONSTRUCTION DOCUMENTS

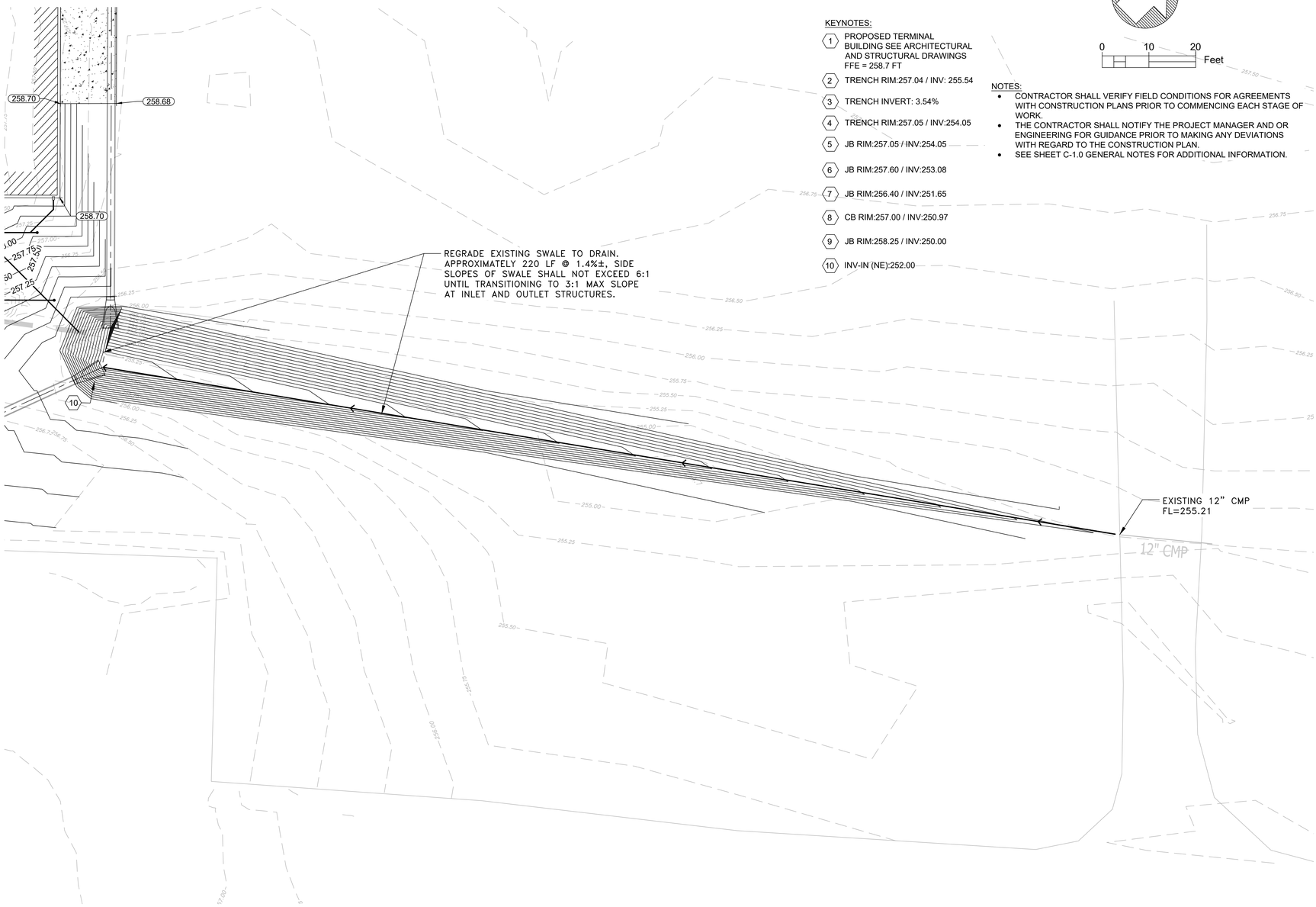
PROJECT NO.
2226

PROJECT NAME
TERMINAL REPLACEMENT

DATE
10/18/2024

CONTENTS
GRADING PLAN - BUILDING

SHEET NUMBER
C-5.1



KEYNOTES:

1. PROPOSED TERMINAL BUILDING SEE ARCHITECTURAL AND STRUCTURAL DRAWINGS FFE = 258.7 FT
2. TRENCH RIM:257.04 / INV: 255.54
3. TRENCH INVERT: 3.54%
4. TRENCH RIM:257.05 / INV:254.05
5. JB RIM:257.05 / INV:254.05
6. JB RIM:257.60 / INV:253.08
7. JB RIM:256.40 / INV:251.65
8. CB RIM:257.00 / INV:250.97
9. JB RIM:258.25 / INV:250.00
10. INV-IN (NE):252.00

0 10 20 Feet

NOTES:

- CONTRACTOR SHALL VERIFY FIELD CONDITIONS FOR AGREEMENTS WITH CONSTRUCTION PLANS PRIOR TO COMMENCING EACH STAGE OF WORK.
- THE CONTRACTOR SHALL NOTIFY THE PROJECT MANAGER AND OR ENGINEERING FOR GUIDANCE PRIOR TO MAKING ANY DEVIATIONS WITH REGARD TO THE CONSTRUCTION PLAN.
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JONESBORO MUNICIPAL AIRPORT
TERMINAL REPLACEMENT

3921 LINDBERGH DRIVE
JONESBORO, AR 72401

CERTIFICATE OF AUTHORIZATION
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No. 1126
ARKANSAS ENGINEER

STATE OF ARKANSAS
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No. 10243
MICHAEL H. STENGEL
10-17-24

CONSTRUCTION DOCUMENTS

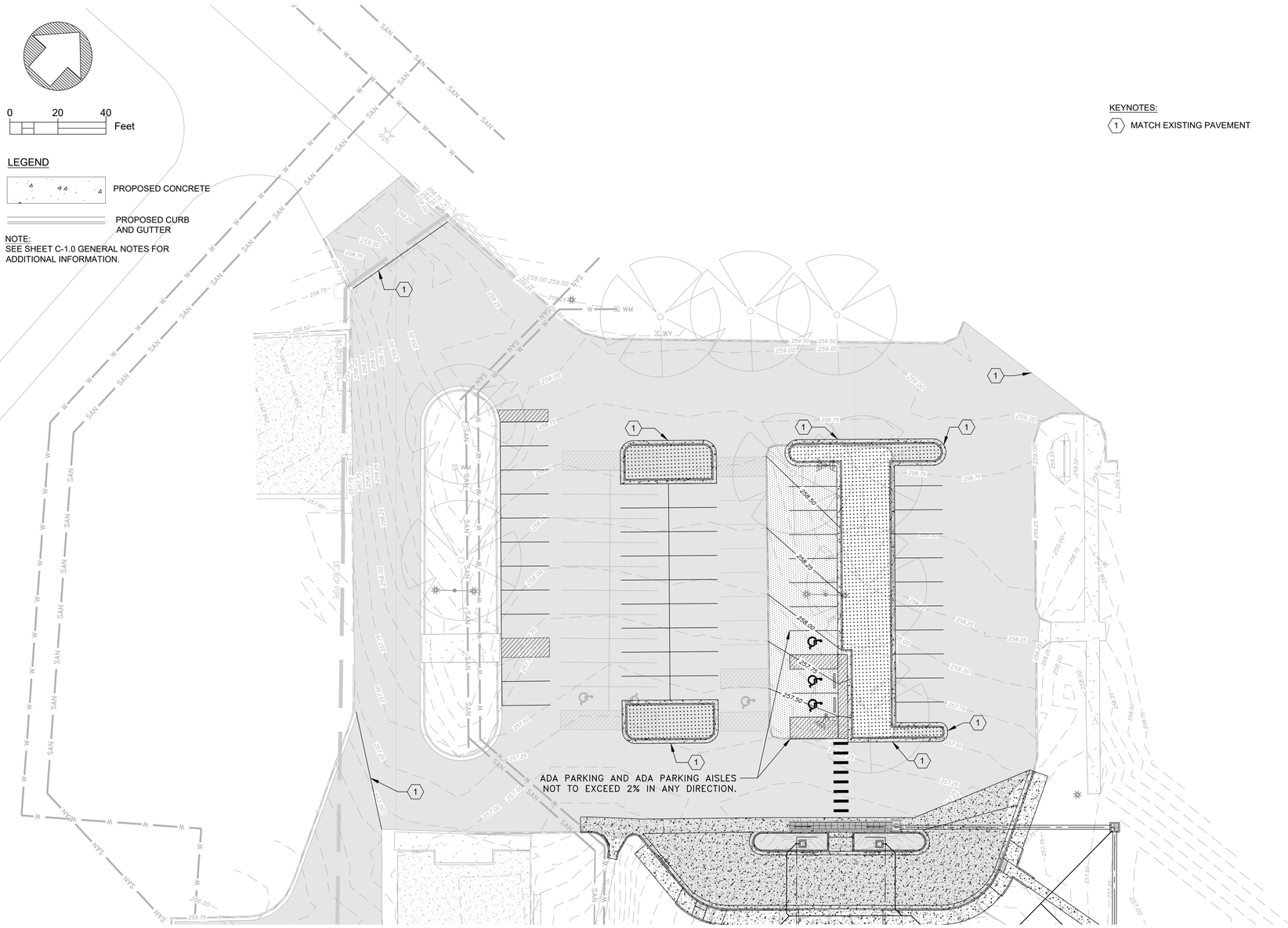
PROJECT NO.
2226

PROJECT NAME
TERMINAL REPLACEMENT

DATE
10/18/2024

CONTENTS
GRADING PLAN - FIELD

SHEET NUMBER
C-5.2



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JONESBORO MUNICIPAL AIRPORT
TERMINAL REPLACEMENT

3921 LINDBERGH DRIVE
JONESBORO, AR 72401

CERTIFICATE OF AUTHORIZATION
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STATE OF ARKANSAS
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MICHAEL H. STENGEL
10-17-24

CONSTRUCTION DOCUMENTS

PROJECT NO.
2226

PROJECT NAME
TERMINAL REPLACEMENT

DATE
10/18/2024

CONTENTS
GRADING PLAN - PARKING

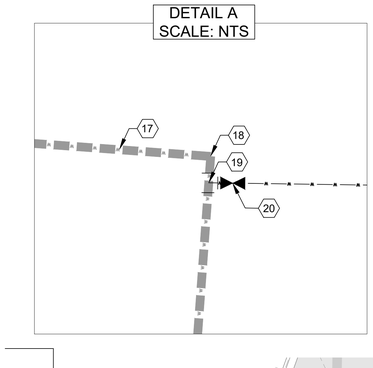
SHEET NUMBER
C-5.3

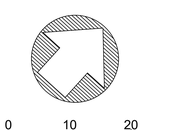
LEGEND

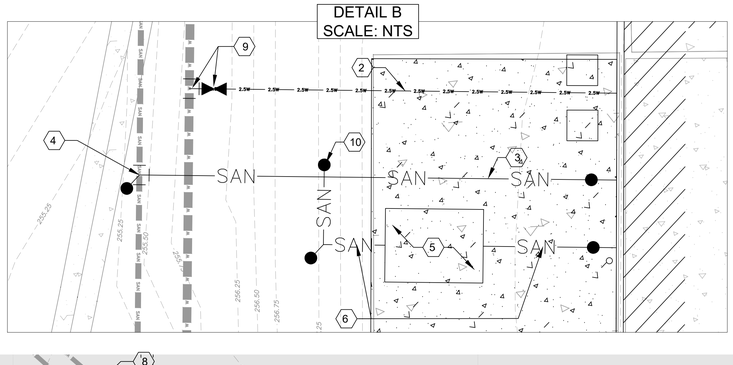
PROPOSED CONCRETE

PROPOSED CURB AND GUTTER

NOTES:
- SEE SHEET C-1.0 GENERAL NOTES FOR ADDITIONAL INFORMATION.
- CONTRACTOR SHALL VERIFY HORIZONTAL AND VERTICAL LOCATION AND SIZE FOR ALL EXISTING STORM SEWER STRUCTURES, PIPES, AND ALL UTILITIES PRIOR TO CONSTRUCTION.

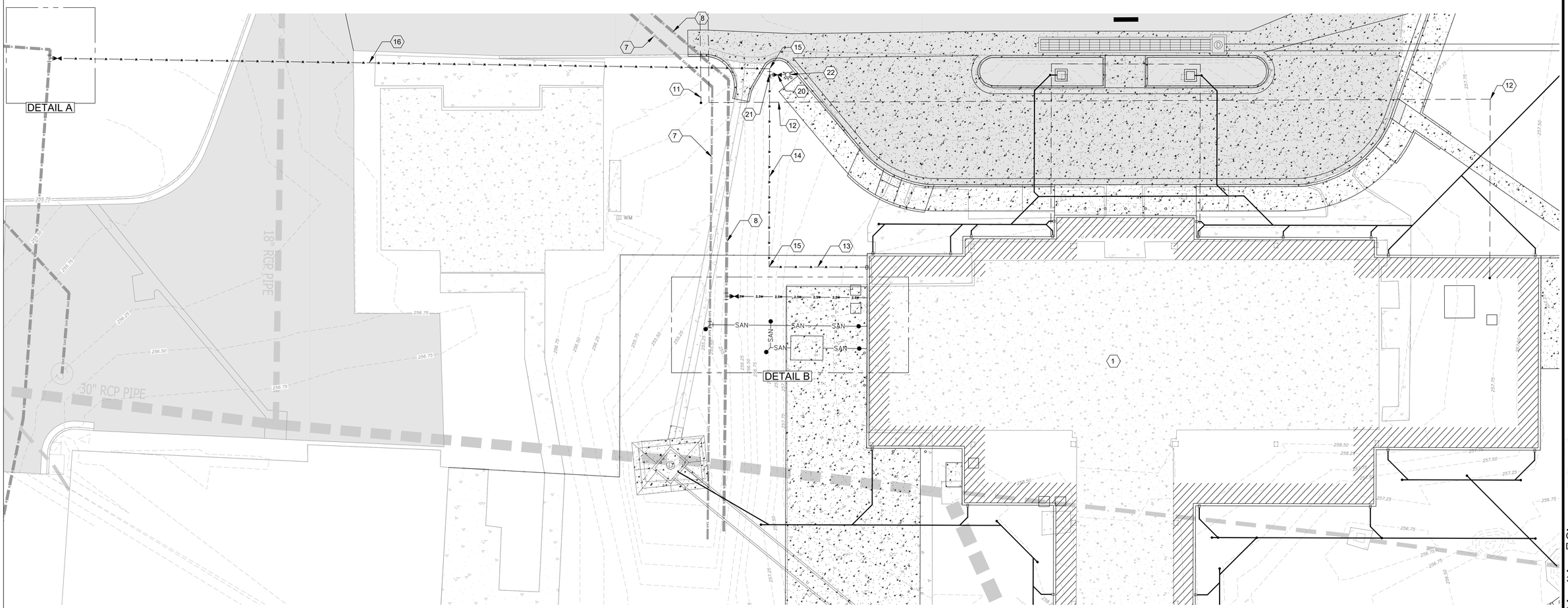






KEYNOTES:

1. PROPOSED TERMINAL BUILDING SEE ARCHITECTURAL AND STRUCTURAL DRAWINGS FFE = 258.7 FT
2. INSTALL 35 L.F. 2.5" WATER SERVICE
3. INSTALL 39 L.F. OF 4" PVC SEWER SERVICE
4. TAP EX. SEWER SERVICE & INSTALL IN-LINE CLEANOUT
5. INSTALL GREASE TRAP *SEE MEP PLANS FOR ADDITIONAL INFO.
6. INSTALL GREASE TRAP SEWER SERVICE *SEE MEP PLANS FOR ADDITIONAL INFO.
7. EX. 6" SANITARY SEWER SERVICE MAIN
8. EX. 1.5" WATER SERVICE MAIN
9. TAPPING SLEEVE & VALVE AT EX. WATERMAIN & NEW WATER SERVICE
10. INSTALL SANITARY SEWER CLEAN-OUT (TYP.)
11. INSTALL 2" PVC CONDUIT SLEEVE FOR FUTURE FIBER CONNECTION TO ARFF BUILDING. (SEE SHEET C-4.0)
12. INSTALL 2" PVC CONDUIT SLEEVE FOR PROPOSED FIBER CONNECTION TO TERMINAL. (SEE SHEET C-4.0)
13. INSTALL 25 L.F. OF 6" WATER/FIRE LINE (DIP) COORDINATE WITH BUILDING MEP DRAWINGS
14. INSTALL 49 L.F. OF 6" WATER LINE (PVC-C-900)
15. INSTALL 90° (DIP) BEND
16. INSTALL 178 L.F. OF 6" WATER LINE (PVC-C-900)
17. EX. 8" WATER LINE (PVC-C-900)
18. EX. 90° (DIP) BEND
19. INSTALL 8" X 6" STAINLESS STEEL TAPPING SLEEVE
20. INSTALL 6" GATE VALVE
21. INSTALL 6" TEE
22. INSTALL FIRE HYDRANT PER CITY OF JONESBORO AND JONESBORO CITY WATER AND LIGHT SPECIFICATIONS



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JONESBORO MUNICIPAL AIRPORT
TERMINAL REPLACEMENT

3921 LINDBERGH DRIVE
JONESBORO, AR 72401

CERTIFICATE OF AUTHORIZATION
MICHAEL BAKER INTERNATIONAL INC
No. 1126
ARKANSAS ENGINEER

STATE OF ARKANSAS
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No. 19043
MICHAEL H. STENGEL
10-17-24

CONSTRUCTION DOCUMENTS

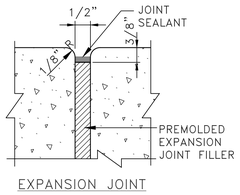
PROJECT NO.
2226

PROJECT NAME
TERMINAL REPLACEMENT

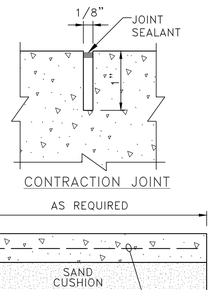
DATE
10/18/2024

CONTENTS
UTILITY PLAN

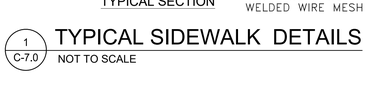
SHEET NUMBER
C-6.0



EXPANSION JOINT



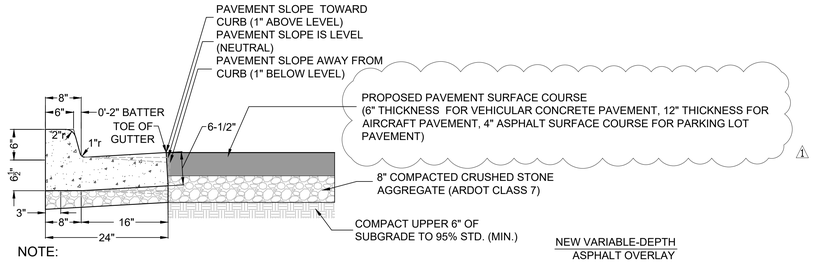
CONTRACTION JOINT



TYPICAL SECTION

1 C-7.0 TYPICAL SIDEWALK DETAILS

NOT TO SCALE



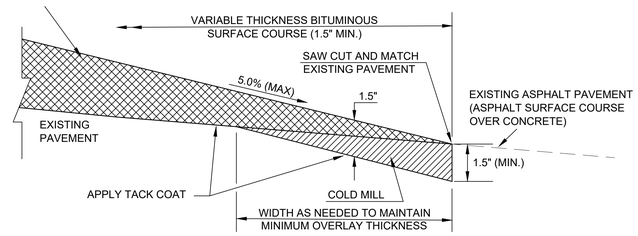
NEW VARIABLE-DEPTH ASPHALT OVERLAY

NOTE:

1. SAWCUT CONTRACTION JOINTS AT 15 FT. MAX SPACING. CONSTRUCT DOWELED ISOLATION JOINTS AT ALL POINTS OF CURVE NOT TO EXCEED 90 FT. MAX. SPACING.
2. CONCRETE FOR CURB & GUTTER SHALL HAVE A 28-DAY COMPRESSIVE STRENGTH OF 3500 PSI AND SHALL BE AIR- ENTRAINED AT SIX PERCENT (6%) ±1%.
3. SLOPE GUTTER TO OR AWAY FROM CURB TO MATCH PAVING GRADE.
4. ALL ASPHALT AND CONCRETE PAVEMENT, BASE COURSE, AND SUBGRADE SHALL CONFORM TO ARDOT STANDARD SPECIFICATIONS LATEST EDITION.
5. PAVEMENT REINFORCEMENT FOR VEHICULAR PAVEMENT IN DROP-OFF AREA SHALL CONSIST OF #4 BARS @12" O.C. 2" CLEAR FROM BASE COURSE. REINFORCEMENT SHALL EXTEND THROUGH CONTRACTION JOINTS.
6. AIRSIDE CONCRETE PAVEMENT (SW AND SE OF TERMINAL BUILDING) IS UNREINFORCED. ALL CONTRACTION AND CONSTRUCTION JOINTS SHALL BE HINGED (TIED) -SEE JOINT DETAILS.
7. CONTRACTOR SHALL SUBMIT JOINT LAYOUT PLAN FOR APPROVAL PRIOR TO PAVING. SLAB SIZE FOR 6" PAVEMENT SHALL TYPICALLY RANGE FROM 8' TO 12' IN EACH DIRECTION. SLAB SIZE FOR 12" PAVEMENT SHALL RANGE FROM 12' TO 18' IN EACH DIRECTION.

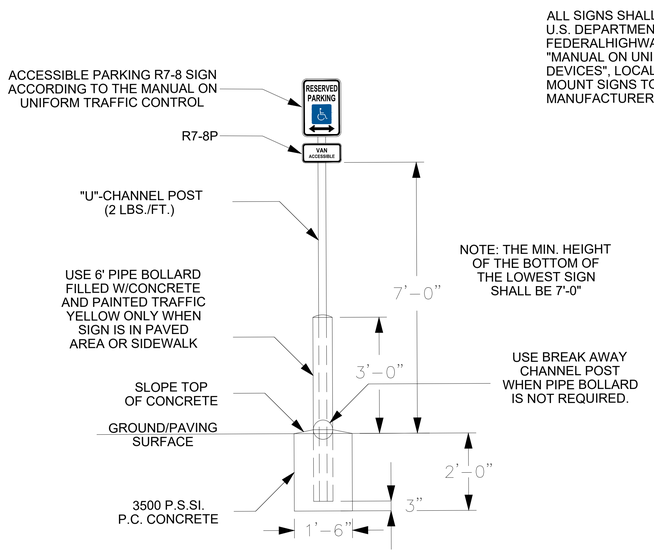
2 C-7.0 CONCRETE CURB & GUTTER / PAVEMENT DETAIL

SCALE: 1" - 1'-0"



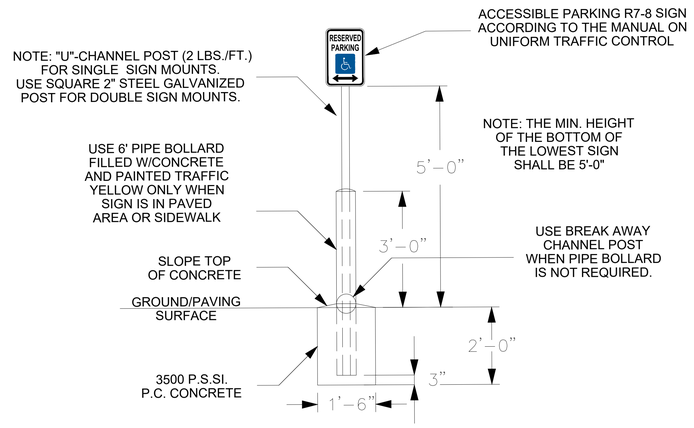
3 C-7.0 ASPHALT TRANSITION MILLING DETAIL

SCALE: N.T.S.

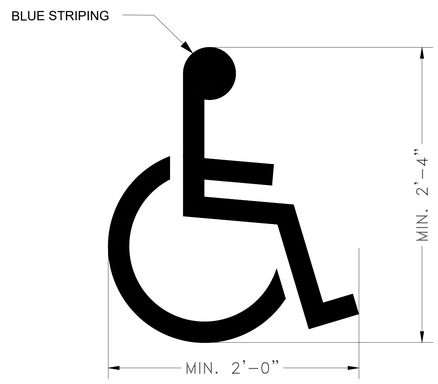


VAN ACCESSIBLE STYLE

ALL SIGNS SHALL COMPLY WITH U.S. DEPARTMENT OF TRANSPORTATION, FEDERALHIGHWAY ADMINISTRATION'S "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES", LOCAL CODES AND AS SPECIFIED. MOUNT SIGNS TO POST IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.



STANDARD STYLE



4 C-7.0 ADA ACCESSIBLE SIGN AND MARKING DETAILS

NOT TO SCALE

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TERMINAL REPLACEMENT

3921 LINDBERGH DRIVE
JONESBORO, AR 72401

CERTIFICATE OF AUTHORIZATION
MICHAEL BAKER INTERNATIONAL INC
No. 1126
ARKANSAS ENGINEER

A	03/14/25	ADDENDUM #2

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 19043
MICHAEL H. STENGEL
10-17-24

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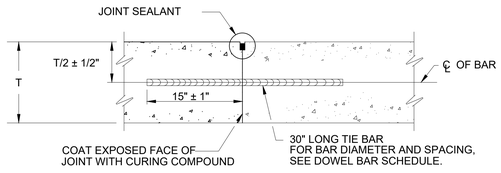
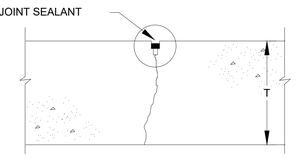
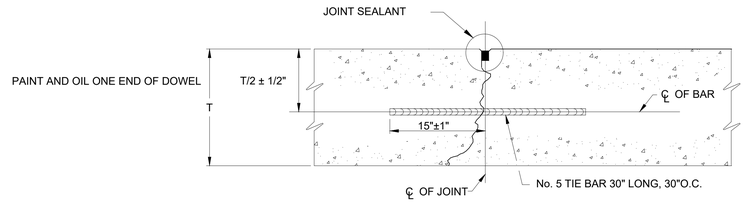


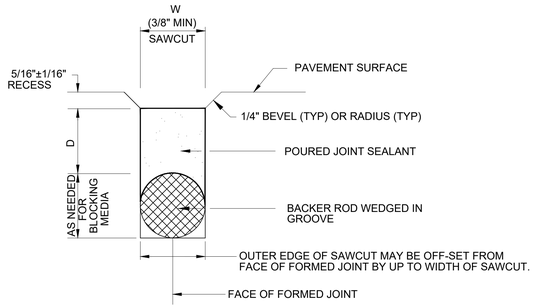
HINGED CONSTRUCTION JOINT



DUMMY CONTRACTION JOINT

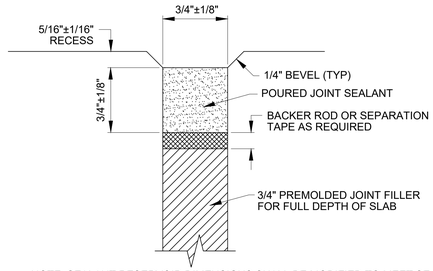


HINGED CONTRACTION JOINT)



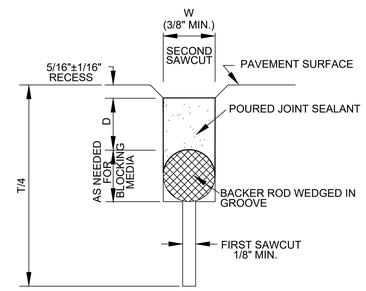
NOTES:
1. CONTRACTION AND CONSTRUCTION JOINT SEALANT RESERVOIR DIMENSIONS SHALL BE SIZED TO PROVIDE SHAPE FACTOR, W/D, RECOMMENDED BY SEALANT MANUFACTURER AND APPROVED BY ENGINEER.
2. DIAMETER OF BACKER ROD SHALL BE NOT LESS THAN W+1/8".

JOINT SEALANT - CONSTRUCTION JOINT

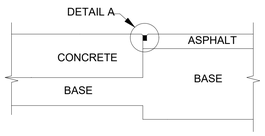


NOTE: SEALANT RESERVOIR DIMENSIONS SHALL BE MODIFIED TO MEET SEAL MANUFACTURER'S SPECIFICATION AS APPROVED BY ENGINEER.

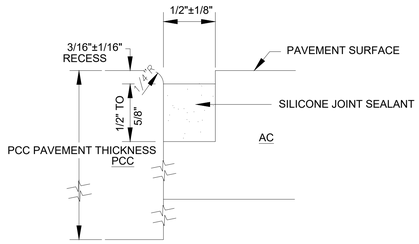
EXPANSION JOINT



JOINT SEALANT - CONTRACTION JOINT



CONCRETE - ASPHALT JUNCTURE DETAIL



NOTE: JOINT DIMENSIONS SHALL BE MODIFIED TO MEET APPROVED SEAL MANUFACTURER'S SPECIFICATION.

DETAIL A JUNCTURE JOINT SEALANT

5 / C-7.0 PAVEMENT JOINT DETAILS
NOT TO SCALE

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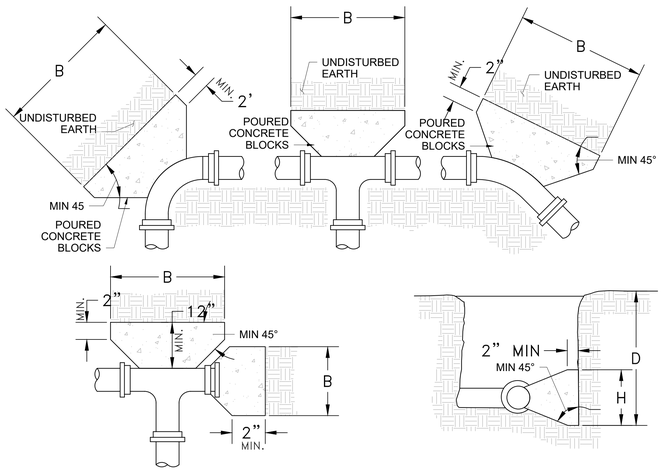


6 C-7.1 THRUST BLOCK DETAIL

NTS

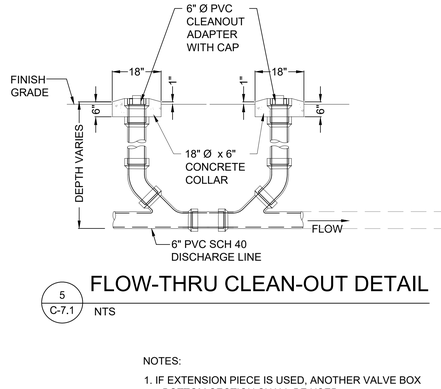
BEARING AREA OF BLOCK IN SQ. FEET (B X H)					
FITTING SIZES	TEE & END	90° BEND	45° BEND	22 1/2° BEND	11 1/4° BEND
<6"	3.55	5.40	2.50	1.50	0.80
8"	6.35	8.93	4.90	2.50	1.30
10"	9.90	13.90	7.64	3.90	2.05
12"	14.21	20.00	10.90	5.60	2.80

NOTES:

1. PLACE 4 ML. POLYETHYLENE BETWEEN CONCRETE AND FITTING (CONCRETE SHALL NOT INTERFERE WITH JOINT.)
2. MINIMUM CONCRETE THICKNESS SHALL BE 1 FOOT.
3. THE HORIZONTAL DIMENSION (B) OF THE BEARING AREA SHALL BE BETWEEN 1.0 AND 2.0 TIMES THE VERTICAL DIMENSION (H). (H<=B<=2H)
4. THE VERTICAL DIMENSION (H) OF THE BEARING AREA SHALL BE EQUAL TO ONE-HALF THE TOTAL DEPTH (D) TO THE BOTTOM OF THE THRUST BLOCK BUT NOT LESS THAN THE OUTSIDE DIAMETER (OD) OF THE FITTING (OD<H<=D/2).
5. THRUST BLOCK ORIENTATION SHALL BE SUCH THAT THE CENTER OF THE FITTING CORRESPONDS WITH THE CENTER OF THE THRUST BLOCK.
6. THE MINIMUM ALLOWABLE ANGLE (EITHER VERTICAL OR HORIZONTAL) SHALL BE 45 DEGREES.

NOTES:

1. SAWCUT CONTRACTION JOINTS AT 15 FT. MAX SPACING. CONSTRUCT DOWELED ISOLATION JOINTS AT ALL POINTS OF CURVE NOT TO EXCEED 90 FT. MAX. SPACING.
2. CONCRETE FOR CURB & GUTTER SHALL HAVE A 28-DAY COMPRESSIVE STRENGTH OF 3500 PSI AND SHALL BE AIR-ENTRAINED AT SIX PERCENT (6%) ±1%.
3. SLOPE GUTTER TO OR AWAY FROM CURB TO MATCH PAVING GRADE.
4. ALL ASPHALT PAVING STANDARDS AND SPECIFICATIONS SHALL CONFORM TO AHTD STANDARD SPECIFICATIONS LATEST EDITION.



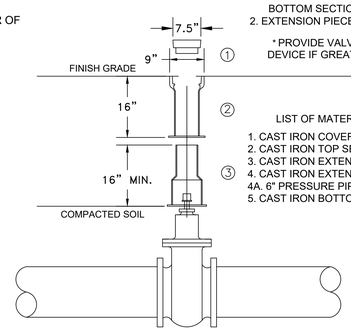
5 C-7.1 FLOW-THRU CLEAN-OUT DETAIL

NTS

NOTES:

1. IF EXTENSION PIECE IS USED, ANOTHER VALVE BOX BOTTOM SECTION SHALL BE USED.
2. EXTENSION PIECE CAN BE CUT TO LENGTH REQUIRED.

* PROVIDE VALVE STEM EXTENSION WITH CENTERING DEVICE IF GREATER THAN 5.0' DEEP.



LIST OF MATERIAL

1. CAST IRON COVER
2. CAST IRON TOP SECTION
3. CAST IRON EXTENSION PIECE
4. CAST IRON EXTENSION COUPLING

4A. 6" PRESSURE PIPE

5. CAST IRON BOTTOM SECTION

4 C-7.1 GATE VALVE AND COVER DETAIL

NTS

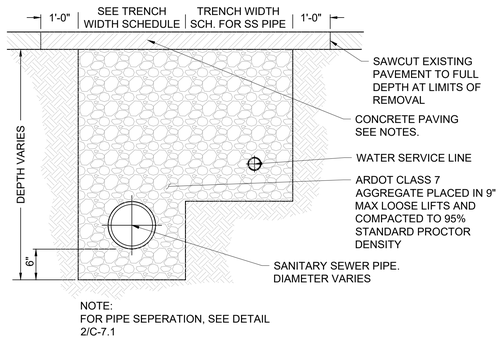
TRENCH WIDTH SCHEDULE		
NOMINAL PIPE DIAMETER	MINIMUM WIDTH OF TRENCH AT CENTER OF PIPE	MAXIMUM WIDTH OF TRENCH 24" ABOVE OUTSIDE TOP OF PIPE
6" - 8"	20"	30"
10" - 12"	24"	36"
15" - 18"	30"	42"
21" - 24"	36"	48"
27" - 30"	42"	54"
36" - 40"	66"	72"

BACKFILL NOTES:

1. ASPHALTIC CONCRETE (HOT-MIX, HOT-LAID) PAVEMENT SHALL BE A MINIMUM OF THREE (3) INCHES THICK (ARDOT 1/2" SURFACE COURSE), OR MATCH THE EXISTING PAVEMENT THICKNESS WHICHEVER IS GREATER, LAID ON A SEVEN (7) INCH ARDOT CLASS 7 BASE COURSE COMPACTED TO 95% STANDARD PROCTOR OVER A PROCTOR COMPACTED SUBGRADE. 95% STANDARD.
2. NATIVE SOIL FOR BACKFILL TO BE COMPACTED IN ACCORDANCE WITH STANDARD SPECIFICATION.
3. WHEN PIPE INSTALLATION IS UNDER PAVEMENT, IN LIEU OF BACKFILLING WITH NATIVE SOIL, PLACE AGGREGATE BEDDING MATERIAL ALL THE WAY TO THE TOP OF THE TRENCH.

1 C-7.1 TRENCH WIDTH SCHEDULE

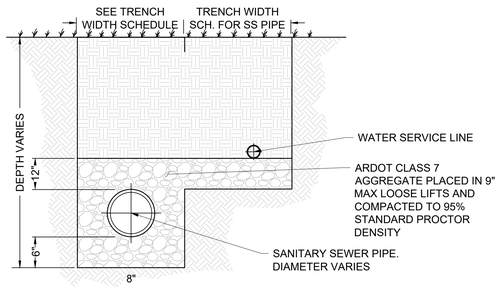
NTS



NOTE:
FOR PIPE SEPERATION, SEE DETAIL 2/C-7.1

2 C-7.1 PAVED TRENCH BACKFILL DETAIL

NTS



3 C-7.1 UNPAVED TRENCH BACKFILL DETAIL

NTS

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JONESBORO, AR 72401

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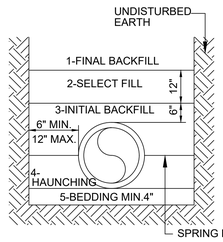
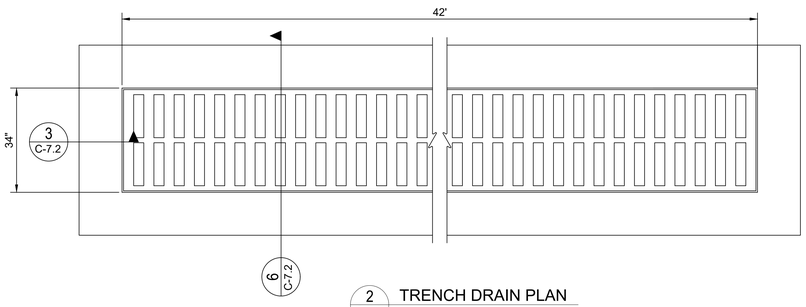


NOTES:
1. SELECT FILL CONSISTS OF EXCAVATED MATERIALS CONTAINING NO ROCKS LARGER THAN 2 INCHES.
2. BEDDING REQUIRED FOR ALL STORM SEWER REPLACEMENT PROJECTS, IN ROCK EXCAVATION, AND FOR LEVELING TRENCH IN NEW INSTALLATION.
3. COMPACTION REQUIREMENTS:
   PAVED AREAS: 95% MAXIMUM STANDARD PROCTOR DENSITY
   FOR COHESIONLESS SOILS.
4. FLOWABLE FILL MAY BE SUBSTITUTED FOR ALL MATERIALS IN ROAD CROSSING.

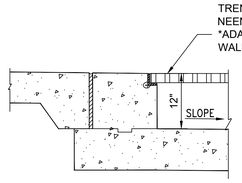
1 / C-7.2 PIPE BEDDING DETAIL
SCALE:N.T.S.

NON-PAVED AREAS			
NO.	HDPE/PVC	STEEL	CONCRETE
1	EXCAVATED MATERIAL	EXCAVATED MATERIAL	EXCAVATED MATERIAL
2	SELECT FILL	SELECT FILL	SELECT FILL
3	SAND	SAND	SAND
4	3/4" WASHED ROCK	3/4" WASHED ROCK	SAND
5	3/8" CHIPS OR 3/4" WASHED ROCK	3/8" CHIPS OR 3/4" WASHED ROCK	3/8" CHIPS OR 3/4" WASHED ROCK

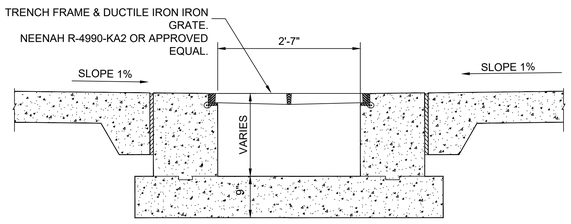
PAVED AREAS			
NO.	HDPE/PVC	STEEL	CONCRETE
1	FLOWABLE FILL	FLOWABLE FILL OR TYPE A ROCK	FLOWABLE FILL OR TYPE A ROCK
2	FLOWABLE FILL	FLOWABLE FILL OR TYPE A ROCK	FLOWABLE FILL OR TYPE A ROCK
3	FLOWABLE FILL	FLOWABLE FILL OR TYPE A ROCK	FLOWABLE FILL OR TYPE A ROCK
4	3/4" WASHED ROCK	3/4" WASHED ROCK	3/4" WASHED ROCK
5	3/8" CHIPS	3/8" CHIPS	3/8" CHIPS



2 / C-7.2 TRENCH DRAIN PLAN
SCALE:N.T.S.



3 / C-7.2 TRENCH DRAIN SECTION
SCALE:N.T.S.



6 / C-7.2 TRENCH DRAIN SECTION
SCALE:N.T.S.

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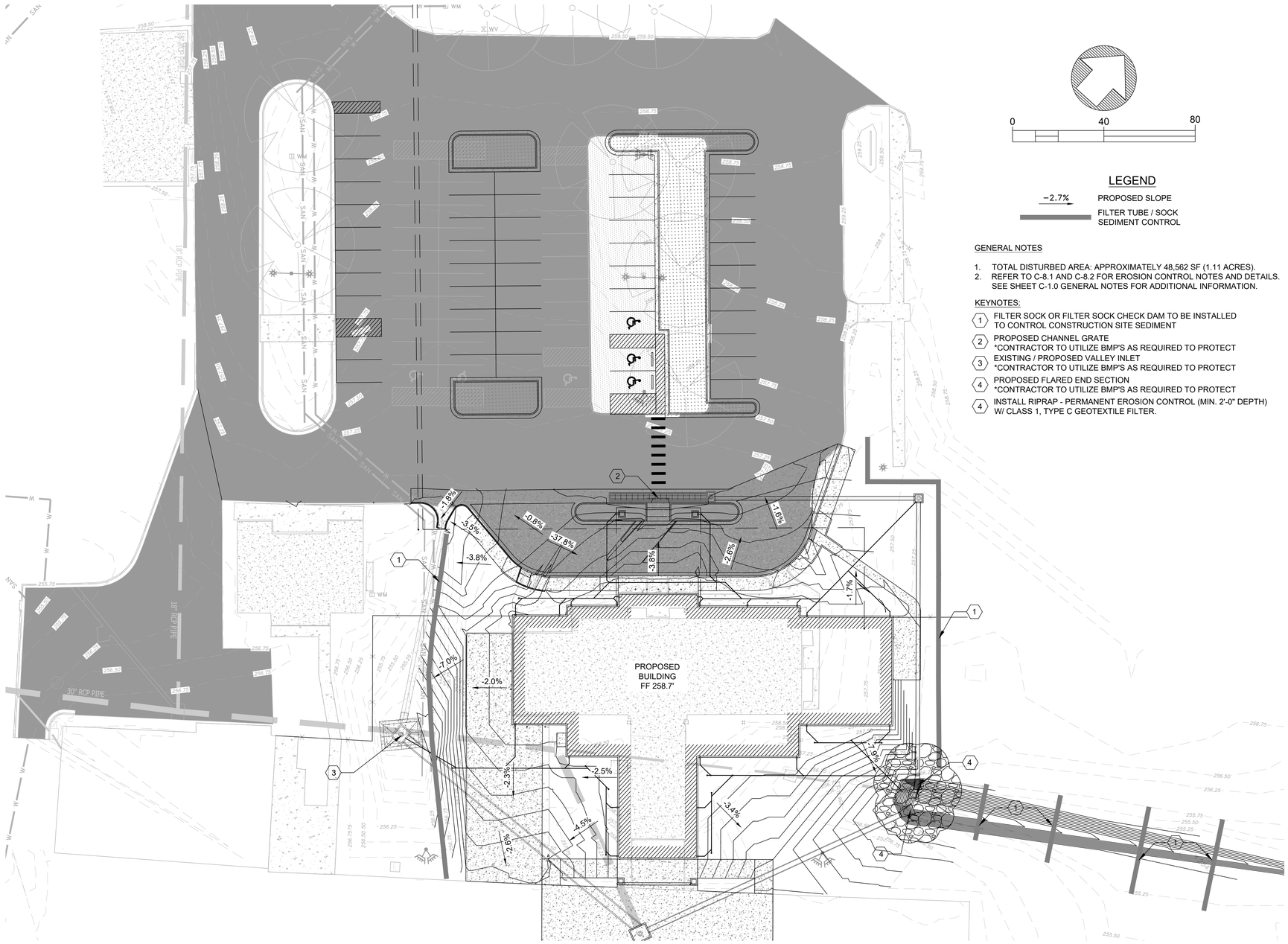

GENERAL NOTES

1. TOTAL DISTURBED AREA: APPROXIMATELY 48,562 SF (1.11 ACRES).
2. REFER TO C-8.1 AND C-8.2 FOR EROSION CONTROL NOTES AND DETAILS. SEE SHEET C-1.0 GENERAL NOTES FOR ADDITIONAL INFORMATION.

KEYNOTES:

1. FILTER SOCK OR FILTER SOCK CHECK DAM TO BE INSTALLED TO CONTROL CONSTRUCTION SITE SEDIMENT
2. PROPOSED CHANNEL GRATE *CONTRACTOR TO UTILIZE BMP'S AS REQUIRED TO PROTECT
3. EXISTING / PROPOSED VALLEY INLET *CONTRACTOR TO UTILIZE BMP'S AS REQUIRED TO PROTECT
4. PROPOSED FLARED END SECTION *CONTRACTOR TO UTILIZE BMP'S AS REQUIRED TO PROTECT
4. INSTALL RIPRAP - PERMANENT EROSION CONTROL (MIN. 2'-0" DEPTH) W/ CLASS 1, TYPE C GEOTEXTILE FILTER.

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EROSION CONTROL PLAN

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C-8.0

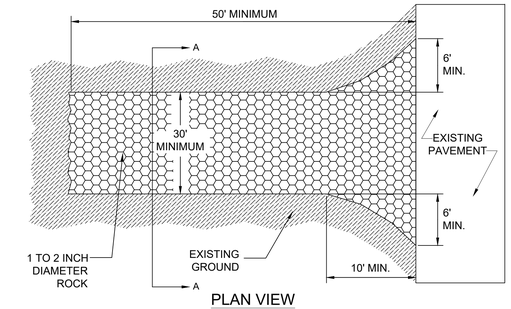
STORM WATER POLLUTION PREVENTION AND LANDSCAPING NOTES:

1. AREA DISTURBED BY IMPROVEMENTS IS APPROXIMATELY 1.11 ACRES.
2. GRADING SHALL BE PERFORMED IN ONE CONTINUOUS OPERATION.
3. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED BY THE CONTRACTOR UPON DISTURBANCE OF THE LAND. THESE MEASURES WILL SATISFY THE REQUIREMENTS OF THE ARKANSAS DEPARTMENT OF ENVIRONMENTAL QUALITY AND SHALL INCLUDE AS A MINIMUM:
   A. ON DISTURBED SLOPES LEFT OPEN AND UNMAINTANED FOR A PERIOD OF MORE THAN TWO (2) WEEKS, COVER WITH HAY (TACKED ANCHORED, OR TIED) AT THE RATE OF 1.5 TONS PER ACRE.
   B. PROTECT TOES OF SLOPE WITH FILTER TUBE PERIMETER CONTROL WHERE INDICATED. FILTER TUBE PERIMETER CONTROL SHALL BE A MINIMUM OF 24" HIGH.
   C. IN THE OCCASION THAT WIND EROSION BECOMES EVIDENT, THE CONTRACTOR SHALL SPRINKLE THE CONSTRUCTION SITE WITH WATER TO CONTROL DUST.
   D. CONTRACTOR SHALL KEEP VEHICLE TRACKING OF SEDIMENT TO A MINIMUM AND SHALL CLEAN HAUL ROUTES OF TRACKING BECOMES EXCESSIVE AS DETERMINED BY THE LOCAL GOVERNMENT OR PROJECT REPRESENTATIVE.
4. PERMANENT VEGETATION COVER WILL BE INSTALLED BY THE CONTRACTOR. COVER WILL BE:
   A. ON ALL DISTURBED AREAS NOT TO BE PAVED, SEED OR SOD WITH APPROPRIATE COVER. IN COMPLIANCE WITH CITY OF MARIANNA MUNICIPAL CODES.
   B. GRASS SEED: FRESH, CLEAN, DRY, NEW-CROP SEED COMPLYING WITH AOSA'S "JOURNAL OF SEED TECHNOLOGY; RULES FOR TESTING SEEDS" FOR PURITY AND GERMINATION TOLERANCES.
   C. SEED SPECIES:
      a. ANNUAL RYE GRASS: 5 lbs. / 1000 SF
      b. UNHULLED BERMUDA GRASS: 2 lbs. / 1000 SF
      c. ALTERNATES APPROVED BY CITY CODE
   D. TOPSOILS:
      a. ASTM D 5268, pH RANGE OF 5.5 to 7, A MINIMUM OF 2 PERCENT ORGANIC MATERIAL CONTENT; FREE OF STONES 1 INCH OR LARGER IN ANY DIMENSION AND OTHER EXTRANEOUS MATERIALS HARMFUL TO PLANT GROWTH. INSTALL 4" OF TOPSOIL ON ALL LANDCAPPED AREAS.
   E. FERTILIZER:
      a. COMMERCIAL GRADE COMPLETE FERTILIZER OF NEUTRAL CHARACTER, CONSISTING OF FAST AND SLOW RELEASE NITROGEN, 50 PERCENT DERIVED FROM NATURAL ORGANIC SOURCES OF UREA FORMALDEHYDE, PHOSPHORUS, AND POTASSIUM (COMPRISED OF A 10 PERCENT NITROGEN, 20 PERCENT PHOSPHORUS, 10 PERCENT POTASSIUM MIX) APPLIED AT A RATE OF 10lbs PER 1000 SF.
   F. PROVIDE APPROPRIATE WATERING AND CARE SCHEDULES FOR ALL PLACED PERMANENT SEEDING, SOD, AND PLANTINGS UNTIL PERMANENTLY ESTABLISHED.
      a. CONTRACTOR SHALL SUBMIT A LANDSCAPING CARE AND MAINTENANCE SCHEDULE FOR REVIEW BY EITHER THE OWNER OR OWNER'S REPRESENTATIVE FOR APPROVAL.
   C. CONSTRUCTION MEASURES FOR SEDIMENTATION AND EROSION CONTROL WILL BE MAINTAINED UNTIL PERMANENT COVER IS ESTABLISHED.
5. OWNER:

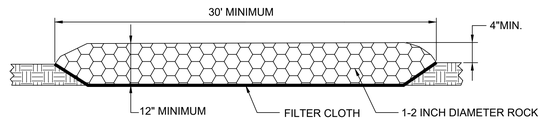
   JONESBORO MUNICIPAL AIRPORT
6. ANTICIPATED PROJECT SCHEDULE IS FOR CONSTRUCTION TO BEGIN AFTER SELECTION OF CONTRACTOR AND RECEIPT OF REGULATORY APPROVALS. INSTALLATION OF PERMANENT VEGETATION COVER WILL BEGIN IMMEDIATELY UPON COMPLETION OF CONSTRUCTION ACTIVITIES.

PROJECT SEQUENCE

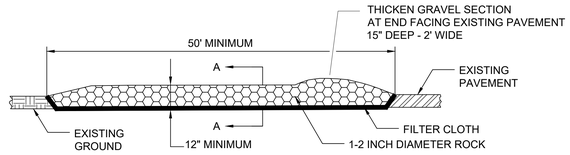
1. INSTALLATION OF TEMPORARY FILTER TUBE PERIMETER CONTROL;
2. CLEARING OF THE SITE;
3. ROUGH GRADING SITE AREA;
4. CONSTRUCTION OF THE BUILDINGS, UTILITIES, STORM DRAINAGE, AND PARKING AREAS;
5. FINAL GRADING OF THE SITE;
6. INSTALLATION OF SEEDING AND SODDING;
7. REMOVAL OF TEMPORARY EROSION CONTROL MEASURES.



PLAN VIEW



SECTION A-A



SIDE VIEW

1 / C-8.1 TEMPORARY CONSTRUCTION ENTRANCE
SCALE: N.T.S.

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3921 LINDBERGH DRIVE
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CERTIFICATE OF AUTHORIZATION
MICHAEL BAKER INTERNATIONAL INC
No. 1126
ARKANSAS ENGINEER

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 13243
MICHAEL H. STENGEL
10-18-24

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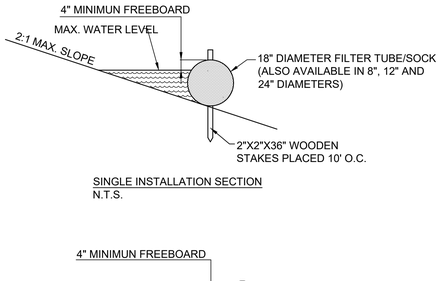
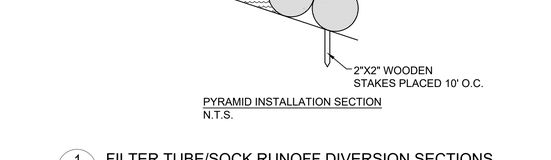
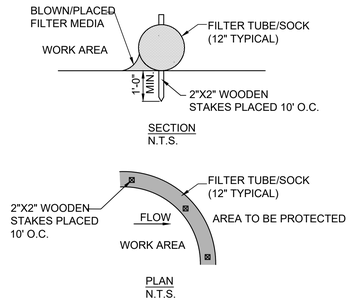


SINGLE INSTALLATION SECTION
N.T.S.



PYRAMID INSTALLATION SECTION
N.T.S.

1 C-8.2 FILTER TUBE/SOCK RUNOFF DIVERSION SECTIONS
SCALE: N.T.S.



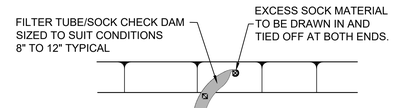
SECTION
N.T.S.

PLAN
N.T.S.

NOTES:

1. ALL MATERIAL TO MEET FILTER TUBE/SOCK SPECIFICATIONS
2. COMPOSIT MATERIAL TO BE DISPERSED ON SITE, AS DETERMINED BY THE ENGINEER.
3. MAY TAKE THE PLACE OF SILT FENCE AT THE DISCRETION OF THE CONTRACTOR WITH THE APPROVAL FROM THE ENGINEER.

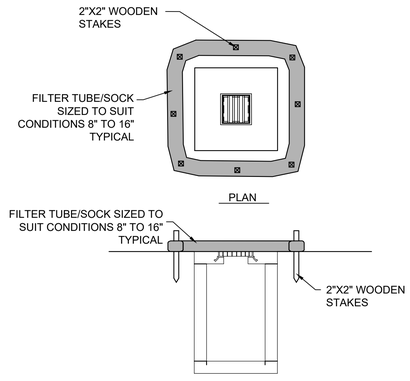
4 C-8.2 FILTER TUBE/SOCK SEDIMENT CONTROL
SCALE: N.T.S.



NOTES:

1. ALL MATERIAL TO MEET FILTER TUBE/SOCK SPECIFICATIONS
2. CHECK DAM SHOULD BE USED IN AREAS THAT DRAIN 10 ACRES OR LESS.
3. SEDIMENT SHOULD BE REMOVED FROM BEHIND CHECK DAM ONCE THE ACCUMULATED HEIGHT HAS BEEN REACHED 1/2 THE HEIGHT OF THE CHECK DAM.
4. CHECK DAM CAN BE DIRECT SEEDED AT THE TIME OF INSTALLATION.

2 C-8.2 FILTER TUBE/SOCK CHECK DAM
SCALE: N.T.S.

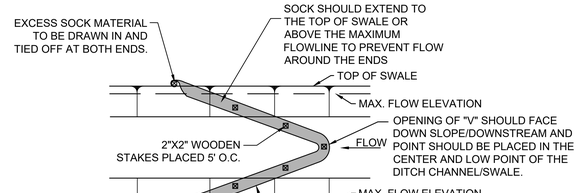


INLET SECTION
N.T.S.

NOTES:

1. ALL MATERIAL TO MEET FILTER TUBE/SOCK SPECIFICATIONS
2. CHECK DAM SHOULD BE USED IN AREAS THAT DRAIN 10 ACRES OR LESS.
3. CHECK DAM CAN BE DIRECT SEEDED AT THE TIME OF INSTALLATION.
4. MAY TAKE THE PLACE OF STANDARD INLET PROTECTION AT THE DISCRETION OF THE CONTRACTOR WITH THE APPROVAL FROM THE ENGINEER.

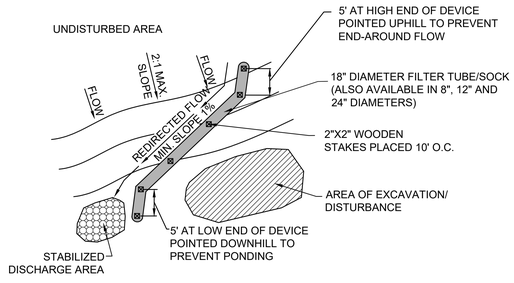
5 C-8.2 FILTER TUBE/SOCK INLET PROTECTION
SCALE: N.T.S.



NOTES:

1. ALL MATERIAL TO MEET FILTER TUBE/SOCK SPECIFICATIONS
2. CHECK DAM SHOULD BE USED IN AREAS THAT DRAIN 10 ACRES OR LESS.
3. CHECK DAM CAN BE DIRECT SEEDED AT THE TIME OF INSTALLATION.

3 C-8.2 FILTER TUBE/SOCK CHECK DAM OPTION 3
SCALE: N.T.S.



NOTES:

1. REMOVE SEDIMENT FROM THE UPSLOPE SIDE OF THE FILTER TUBE/SOCK WHEN ACCUMULATION HAS REACHED 1/2 OF THE EFFECTIVE HEIGHT OF THE FILTER TUBE/SOCK.
2. SLOPES GREATER THAN 5% MAY REQUIRE ADDITIONAL STABILIZATION PRACTICES.
3. FILTER TUBE/SOCK MAY BE SEEDED AT THE TIME OF INSTALLATION.
4. MAY TAKE THE PLACE OF EARTHEN DIVERSION DIKE AT THE DISCRETION OF THE CONTRACTOR WITH THE APPROVAL FROM THE ENGINEER.

6 C-8.2 FILTER TUBE/SOCK RUNOFF DIVERSION
SCALE: N.T.S.

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LANDSCAPING NOTES

*IRRIGATION SHALL BE INSTALLED IN AREAS WITH SOLID SODDING AND MULCH PLANTING AREAS UNLESS OTHERWISE NOTED.

**SEEDING AREAS ARE APPROXIMATE. ALL DISTURBED AREAS NOT INCLUDED IN SODDING AREA SHALL BE SEEDED.

LANDSCAPING KEY

- GRASS *(SOLID SODDING)
- **GRASS (SEEDED)
- MULCH PLANTING AREA
- EXISTING TREE (5)
- PROPOSED NEW TREE (8)
- PROPOSED SHRUB (49)

TOTAL DEVELOPMENT AREA = 102,965± SF

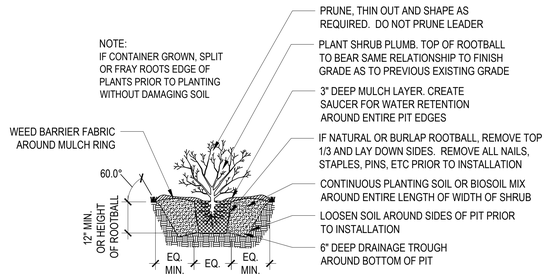
PLANT SCHEDULE

TREES

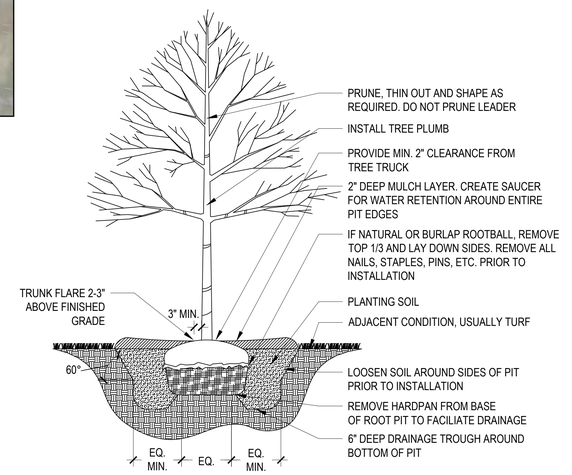
SYMBOL	QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	NOTES
AS	5	*Acer Saccharum "Reba"*	Belle Tower Sugar Maple	8' minimum height	NA	Specimen quality, B&B, strong central leader
AR	3	*Acer Rubrum*	Red Maple	8' minimum height	NA	Specimen quality, B&B, strong central leader

DECIDUOUS SHRUBS:

SYMBOL	QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	NOTES
RS	20	*Rhododendron x Gable "Stewartstonian"*	Stewartstonian (Red) Azalea	5 Gallon Min.	4' O.C.	Specimen quality, healthy, vigorous, well-rooted and established
VD	2	*Viburnum Dentatum*	Arrowwood Viburnum	5 Gallon Min.	4' O.C.	Specimen quality, healthy, vigorous, well-rooted and established
CO	6	*Calycanthus Occidentalis*	Spice Bush	5 Gallon Min.	6' O.C.	Specimen quality, healthy, vigorous, well-rooted and established
SP	21	*Spiraea Japonica*	Goldenflame	5 Gallon Min.	3' O.C.	Specimen quality, healthy, vigorous, well-rooted and established



SHRUB PLANTING
SCALE: NTS



TREE PLANTING -ROOT BALL
SCALE: NTS

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DESIGN CRITERIA

DC-1 REFERENCES
- A. BUILDING CODES
  1. IBC 2021 INTERNATIONAL BUILDING CODE

- B. OTHER REFERENCED DOCUMENTS
  1. ASCE 7-16 MINIMUM DESIGN LOADS FOR BUILDINGS
  2. AISC MANUAL OF STEEL CONSTRUCTION, 15TH EDITION
  3. AISC 360-16 SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS
  4. TEXAS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR CONSTRUCTION AND MAINTENANCE OF HIGHWAYS, STREETS AND BRIDGES
  5. CONCRETE REINFORCING STEEL INSTITUTE MANUAL OF STANDARD PRACTICE

DC-2 LATERAL LOAD DESIGN CRITERIA
- A. WIND DESIGN CRITERIA
  1. WIND SPEED.....V(ult) = 115 MPH
     V(asd) = 89.1 MPH
  2. RISK FACTOR.....II
  3. EXPOSURE CATEGORY.....C
  4. GUST RESPONSE FACTOR=G.....± 0.87
  5. ENCLOSURE CLASSIFICATION.....CLOSED

- B. SEISMIC DESIGN CRITERIA
  1. SHORT PERIOD SPECTRAL ACCELERATION.....S_s = 103.8%g
  2. ONE SECOND SPECTRAL ACCELERATION.....S_1 = 54.3%g
  3. SHORT PERIOD RESPONSE ACCELERATION.....S_{DS} = 0.751
  4. ONE SECOND RESPONSE ACCELERATION.....S_{D1} = 0.543
  5. SITE CLASS.....D
  6. SEISMIC IMPORTANCE FACTOR.....I_e = 1.0
  7. SEISMIC DESIGN CATEGORY.....D
  8. SEISMIC FORCE RESISTING SYSTEM. STEEL MOMENT FRAMES
  9. RESPONSE MODIFICATION COEFFICIENT.....R = 3.5
  10. SEISMIC RESPONSE COEFFICIENT.....C_S =0.214W

DC-3 GRAVITY LOADS
- A. DEAD LOADS
  1. PER PRE-ENGINEERED METAL BUILDING MANUFACTURER

- B. LIVE LOADS
  1. ROOF.....20 PSF

- C. SNOW LOADS
  1. GROUND SNOW LOAD.....P_g = 10.0 PSF
  2. ROOF SNOW LOAD.....P_f = 5.0 PSF
  3. DRIFT LOADING.....N/A

DC-4 FOUNDATION DESIGN CRITERIA
- A. FOUNDATION DESIGN IS BASED ON THE FOLLOWING SOIL PARAMETERS
  1. NET ALLOWABLE SOIL BEARING PRESSURE;
     - A. CONTINUOUS FOOTING.....2200 PSF
     - B. SPREAD FOOTINGS.....2500 PSF

  2. FROST DEPTH = 2'-0" BELOW GRADE

FOUNDATIONS

F-1 FOUNDATIONS HAVE BEEN DESIGN IN ACCORDANCE WITH CRITERIA ESTABLISHED BY MCCLELLAND CONSULTING ENGINEERS, INC IN THEIR GEOTECHNICAL REPORT DATED JUNE, 2021, MCLELLAND PROJECT NO. 22-3867. THIS REPORT IS CONSIDERED PART OF THESE CONTRACT DOCUMENTS.

F-2 FOUNDATIONS ARE TO BE PLACED ON UNDISTURBED SOIL OR COMPACTED FILL CONFORMING TO THE RECOMMENDATIONS PROVIDED IN THE GEOTECHNICAL REPORT.

F-3 ENGINEER PREPARATION OF THE FLOOR SLAB SUBGRADE SHALL BE ACCORDING TO THE FOLLOWING:
- A. PROVIDE A MINIMUM OF ONE FOOT OF SELECT FILL MATERIAL BE PROPERLY PLACED BENEATH THE SLAB DIMENSIONS.
- B. VERIFY THE ENTIRETY OF THE SLAB SUBGRADE AREA BY PROOF-ROLLING AS DESCRIBED IN THE SUBGRADE VERIFICATION SECTION OF THE REPORT.

F-4 THE CONTRACTOR SHALL RETAIN THE SERVICES OF A PROFESSIONAL GEOTECHNICAL ENGINEER, SUBJECT TO THE APPROVAL OF THE OWNER, TO OBSERVE THE EXCAVATIONS AND VERIFY THAT THE MATERIALS ON WHICH FOUNDATIONS BEAR HAVE A BEARING CAPACITY EQUAL TO OR GREATER THAN THE MINIMUM BEARING CAPACITY NOTED IN THE DESIGN CRITERIA SECTION OF THESE GENERAL NOTES. THE GEOTECHNICAL ENGINEER SHALL MAKE RECOMMENDATIONS AS TO HOW TO INCREASE THE BEARING CAPACITY TO MEET THIS MINIMUM BEARING CAPACITY AS REQUIRED FOR ANY MATERIALS THAT DO NOT MEET THIS MINIMUM BEARING CAPACITY.

F-5 ELEVATIONS SHOWN ON THE DRAWINGS AT WHICH FOUNDATIONS BEAR ARE APPROXIMATE AND MAY VARY TO SUIT SUBSURFACE SOIL CONDITIONS.

F-6 PRIOR TO PLACING CONCRETE, ANY WATER PRESENT IS TO BE PUMPED OUT FROM THE BOTTOM OF EXCAVATIONS.

F-7 THE CONTRACTOR SHALL INFORM THE ENGINEER IMMEDIATELY IF SOIL CONDITIONS VARY FROM THE SOIL BEARING SHOWN IN THE GEOTECHNICAL REPORT. FOOTINGS AND FOUNDATIONS AS SHOWN ON THE DRAWINGS MAY NEED TO BE REVISED.

F-8 CONCRETE SLAB-ON-GRADE BEAR ON PROPERLY COMPACTED SUB-GRADE SOILS AS PER THE DESIGN CRITERIA. THE SUB-BASE MATERIAL BENEATH THE SLAB-ON-GRADE SHALL CONFORM TO RECOMMENDATIONS PROVIDED IN THE GEOTECHNICAL REPORT AND SHALL BE COMPACTED IN ACCORDANCE WITH THE RECOMMENDATIONS PROVIDED IN THE GEOTECHNICAL REPORT, WITH A MAXIMUM LOOSE LIFT OF 8".

F-9 OPERABLE EQUIPMENT WITH WEIGHT GREATER THAN THE DESIGN SURCHARGE MUST BE MAINTAIN A SAFE HORIZONTAL CLEAR DISTANCE FROM BASEMENT AND RETAINING WALLS. A SAFE HORIZONTAL CLEAR DISTANCE IS DEFINED AS THE DISTANCE FROM THE BASE OF THE RETAINING WALL TO THE TOP OF FINISHED GRADE. DESIGN SURCHARGE EQUALS 100 PSF.

GENERAL

G-1 METHODS, PROCEDURES AND SEQUENCES OF CONSTRUCTION ARE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING AND IMPLEMENTING THE NECESSARY PRECAUTIONS TO MAINTAIN AND ENSURE THE INTEGRITY OF THE STRUCTURE AT ALL STAGES OF CONSTRUCTION.

G-2 TEMPORARY BRACING, SHEETING, SHORING, ETC. REQUIRED TO ENSURE THE STRUCTURAL INTEGRITY/STABILITY OF THE EXISTING BUILDINGS, SIDEWALKS, UTILITIES, ETC. DURING CONSTRUCTION IS THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE DESIGNED BY A REGISTERED PROFESSIONAL ENGINEER EMPLOYED BY THE CONTRACTOR.

G-3 IMPLEMENTATION OF JOB SITE SAFETY IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

G-4 SLEEVES OR BLOCK-OUTS REQUIRED FOR PASSAGE OF DUCTWORK, PIPING, DRAINS, CONDUITS, ETC. IN ADDITION TO ANCHORS AND HANGERS REQUIRED FOR EQUIPMENT AND PIPING, AND UNDERSLAB UTILITIES ARE NOT SPECIFICALLY, NOR GENERALLY INDICATED ON THE STRUCTURAL DRAWINGS. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING SUCH REQUIREMENTS PRIOR TO FABRICATION OR ERECTION OF THE STRUCTURE. PENETRATIONS OF STRUCTURAL MEMBERS ARE SUBJECT TO APPROVAL BY THE ENGINEER.

G-5 DO NOT SCALE THE DRAWINGS.

G-6 DIMENSIONS AND INSTALLATION DETAILS OF PURCHASED EQUIPMENT MUST BE VERIFIED AND COORDINATED WITH THE SUPPORTING STRUCTURE. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING SUCH REQUIREMENTS FROM SUBCONTRACTORS AND EQUIPMENT SUPPLIERS ALONG WITH COORDINATING THE LOCATIONS AND DETAILS FOR THESE ITEMS PRIOR TO FABRICATION OR ERECTION OF THE SUPPORTING STRUCTURE. ADDITIONAL FRAMING MAY BE REQUIRED FOR THE PROPER SUPPORT OF SUCH UNITS AND/OR EQUIPMENT. LATERAL SUPPORT FOR THE EQUIPMENT SHALL BE PROVIDED BY THE EQUIPMENT INSTALLER. ANY CONFLICTS BETWEEN THESE ITEMS AND THE BUILDING STRUCTURE ARE TO BE BROUGHT TO THE ATTENTION OF THE ENGINEER FOR RESOLUTION.

G-7 THE STRUCTURAL DRAWINGS GOVERN THE WORK FOR STRUCTURAL FEATURES, UNLESS OTHERWISE NOTED. DIMENSIONS SHOWN ON PLANS AND DETAILS ARE TO GOVERN THE STRUCTURAL WORK. THE CONTRACTOR IS TO REFER TO THE ARCHITECTURAL DRAWINGS FOR DETAILS AND DIMENSIONS NOT PROVIDED. DIMENSIONAL CONFLICTS IN THE DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER.

G-8 IN CASE OF CONFLICT BETWEEN THE GENERAL NOTES, SPECIFICATIONS AND DRAWINGS, THE MOST RIGID REQUIREMENTS AS DETERMINED BY THE ENGINEER WILL GOVERN.

G-9 WORK NOT INDICATED ON A PART OF THE DRAWINGS, BUT REASONABLY IMPLIED TO BE SIMILAR TO THAT SHOWN AT CORRESPONDING LOCATIONS, IS TO BE REPEATED.

G-10 DETAILS DESIGNATED AS 'TYPICAL DETAILS', APPLY GENERALLY TO THE DRAWINGS IN AREAS WHERE CONDITIONS ARE SIMILAR TO THOSE DESCRIBED IN THE DETAILS.

G-11 SHOP DRAWINGS
- A. SHOP DRAWINGS FOR ALL MATERIALS ARE TO BE SUBMITTED TO THE ENGINEER FOR REVIEW PRIOR TO THE START OF FABRICATION OR COMMENCEMENT OF WORK PER THE PROJECT SPECIFICATIONS.
- B. SHOP DRAWINGS MUST BE CHECKED AND STAMPED BY THE CONTRACTOR PRIOR TO SUBMISSION. THE CONTRACTOR'S STAMP OF APPROVAL WILL CONSTITUTE CERTIFICATION THAT HE HAS VERIFIED ALL FIELD MEASUREMENTS, CONSTRUCTION CRITERIA, MATERIALS AND SIMILAR DATA AND HAS CHECKED EACH DRAWING FOR COMPLETENESS, COORDINATION, AND COMPLIANCE WITH THE CONTRACT DOCUMENTS.
- C. REPRODUCTION OF ANY PORTION OF THE STRUCTURAL CONTRACT DRAWINGS FOR SUBMITTAL AS SHOP DRAWINGS IS PROHIBITED.
- D. CHANGES TO SHOP DRAWINGS THAT ARE RE-SUBMITTED MUST BE CLOUDED OR SOMEHOW INDICATE THAT A CHANGE HAS BEEN MADE TO A PREVIOUSLY ISSUED AND REVIEWED DRAWING.
- E. THE CONTRACTOR IS TO PROVIDE THE ENGINEER WITH WRITTEN NOTICE OF DEVIATIONS OF ANY TYPE FROM THE REQUIREMENTS OF THE CONSTRUCTION DOCUMENTS. THE NOTICE MUST BE RECEIVED PRIOR TO SHOW DRAWING SUBMITTAL. THE CONTRACTOR REMAINS LIABLE FOR ANY DEVIATION UNLESS REVIEWED BY THE ENGINEER AND ACKNOWLEDGED IN WRITING, PRIOR TO THE RECEIPT OF THE SHOP DRAWINGS.

G-12 THE GENERAL CONTRACTOR SHALL REPORT PROGRESS OF WORK TO THE ENGINEER OF RECORD.

G-13 THE CONTRACT DRAWINGS SHALL TAKE PRECEDENCE OVER SHOP DRAWINGS UNLESS SPECIFICALLY NOTED OTHERWISE.

G-14 INSPECTION, TESTING, CONSTRUCTION, WORKMANSHIP, AND MATERIALS SHALL CONFORM TO THE REQUIREMENTS OF THE GOVERNING BUILDING CODES AND REFERENCED STANDARDS. ASTM, ASCE, IBC, AND OTHER STANDARDS SHALL BE PER THE EDITIONS INDICATED IN THE RFP, OR AS AMENDED TO LATEST DATE IF NOT SO INDICATED.

G-15 COORDINATE ANY CONSTRUCTION SITUATION NOT COVERED BY THESE PLANS, GENERAL NOTES, OR SPECIFICATIONS WITH THE ENGINEER OF RECORD.

G-16 OBSERVATION VISITS TO THE SITE BY REPRESENTATIVES OF THE ENGINEER OF RECORD SHALL NOT BE CONSTRUED AS INSPECTIONS OR APPROVAL OF CONSTRUCTION.

REINFORCED CONCRETE

C-1 REINFORCED CONCRETE WORK IS TO BE IN ACCORDANCE WITH THE AMERICAN CONCRETE INSTITUTE (ACI) "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE - ACI 318" (LATEST EDITION) AND THE "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS-ACI 301" (LATEST EDITION)

C-2 MIXING, TRANSPORTING, PLACING AND TESTING OF CONCRETE IS TO BE DONE IN ACCORDANCE ACI 301.

C-3 PRIOR TO CONCRETE PLACEMENT, THE CONTRACTOR MUST SUBMIT CONCRETE MIX DESIGNS FOR EACH TYPE OF CONCRETE TO BE USED, PREPARED IN ACCORDANCE WITH THE SPECIFICATIONS TO THE ENGINEER FOR REVIEW.

C-4 CAST-IN-PLACE CONCRETE SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH (f'c) AS INDICATED ON DRAWING S-001.

C-5 THE SLUMP AT POINT OF PLACEMENT IS NOT TO EXCEED 4" ±1" AND THE WATER/CEMENT RATIO IS NOT TO EXCEED 0.45. IF ADDITIONAL SLUMP (UP TO 8") IS DESIRED FOR PUMPING, A SUPERPLASTICIZER MAY BE ADDED.

C-6 REINFORCEMENT IS TO BE DETAILED, FABRICATED, AND PLACED IN ACCORDANCE WITH THE CRSI MANUAL OF STANDARD PRACTICE.

C-7 SPLICES (LAPS) OF REINFORCING BARS SHALL BE CLASS "B" TENSION LAPS PER ACI 318 (LATEST EDITION) UNLESS NOTED OTHERWISE. REFER TO MINIMUM LAP SPLICES OF REINFORCING BARS IN TENSION SCHEDULE ON DRAWING S-201.

C-9 PROVIDE ADEQUATE CONCRETE COVER IN ACCORDANCE WITH THE REQUIREMENTS AS SET FORTH BY ACI 318. REFER TO CONCRETE COVER SCHEDULE ON DRAWING S-201.

C-10 REINFORCEMENT IS TO BE SECURELY HELD IN PLACE WHILE PLACING CONCRETE. IF REQUIRED, ADDITIONAL BARS, STIRRUPS, OR CHAIRS WILL BE PROVIDED BY THE CONTRACTOR TO FURNISH SUPPORT FOR ALL BARS WHERE NECESSARY DURING CONSTRUCTION.

C-11 CONTINUOUS REINFORCING BARS TO BE TURNED AND LAPPED AT CORNERS AND INTERSECTIONS OF WALLS AND FOOTINGS. HOOKED BARS TO HAVE STANDARD ACI HOOKS UNLESS NOTED OTHERWISE.

C-12 CONTINUOUS TOP BARS TO BE SPLICED AT MID-SPAN. CONTINUOUS BOTTOM BARS TO BE SPLICED AT CENTERLINE OF SUPPORTS (OR AS SHOWN ON DETAILS).

C-13 WELDED WIRE REINFORCEMENT IS TO BE SUPPLIED IN FLAT SHEETS ONLY. LAP WELDED WIRE REINFORCEMENT TWO FULL MESH LENGTHS AT SPLICES AND WIRE TOGETHER. PLACE WELDED WIRE REINFORCEMENT WITHIN THE SLAB THICKNESS PER THE TYPICAL DETAILS.

C-14 CONCRETE SLABS TO BE CURED BY METHOD COMPATIBLE WITH SPECIFIED FLOOR FINISH. WHERE ACCEPTABLE, USE A LIQUID MEMBRANE-CURING COMPOUND AT THE MANUFACTURER'S RECOMMENDED COVERAGE.

C-15 SLOPE SLABS-ON-GRADE TO DRAIN AS REQUIRED. MAINTAIN MINIMUM DESIGN THICKNESS INDICATED.

C-16 DIVIDE FLOOR SLABS-ON-GRADE INTO SEGMENTS BY MEANS OF ISOLATION, CONTROL AND CONSTRUCTION JOINTS AS INDICATED ON THE DRAWINGS. SAW JOINTS TO BE CUT AS SOON AS POSSIBLE WITHOUT RAVELING THE SURFACE. POSITION OF CONSTRUCTION JOINTS OTHER THAN THOSE SHOWN ON THE DRAWINGS ARE TO BE SUBMITTED TO THE ENGINEER FOR APPROVAL.

C-17 SLAB-ON-GRADE CONTROL JOINTS TO BE PLACED ON COLUMN CENTERLINES UNO. CONTROL JOINTS TO BE PLACED AT EQUAL INTERVALS IN EACH DIRECTION AS INDICATED ON THE PLANS. ADAPT CONTROL JOINT LOCATION AT ODD BAYS. CONSTRUCTION JOINTS TO BE PLACED AT CONTROL JOINT LOCATIONS AT CONTRACTOR'S DISCRETION UNO ON PLAN.

C-18 LEVELING GROUT TO BE NON-SHRINK, NON-METALLIC TYPE, FACTORY PREMIXED GROUT IN ACCORDANCE WITH ASTM C 1107, HAVING A MINIMUM COMPRESSIVE STRENGTH OF NOT LESS THAN 5000 PSI.

C-19 PROVIDE FINISHED SLAB-ON-GRADE WITH SPECIFIED OVERALL VALUES OF FLATNESS (F_F)=25 AND LEVELNESS (F_L)=20 ALONG WITH MINIMUM LOCAL VALUES OF FLATNESS (F_F)=17 AND LEVELNESS (F_L)=15

C-20 SLEEVES, INSERTS, MECHANICAL OPENINGS, CONDUITS, PIPES, RECESSES, DEPRESSIONS, CURBS AND OTHER EMBEDDED ITEMS TO BE PROVIDED FOR AS SHOWN ON THE ARCHITECTURAL, MECHANICAL AND ELECTRICAL DRAWINGS AND AS REQUIRED BY EQUIPMENT MANUFACTURERS. INSTALLATION OF THESE ITEMS TO BE COORDINATED AND PROVIDED FOR PRIOR TO PLACING CONCRETE.

C-21 REINFORCING STEEL SHALL COMPLY WITH:
- A. CONCRETE REINFORCING INSTITUTE (CRSI) "MANUAL OF STANDARD PRACTICE".
- B. AMERICAN CONCRETE INSTITUTE, ACI 315 (OR SP-66) "DETAILING MANUAL"
- C. AMERICAN CONCRETE INSTITUTE, ACI 530.1, "SPECIFICATION FOR MASONRY STRUCTURES".

C-22 REINFORCING STEEL SHALL BE DEFORMED BARS AND SHALL CONFORM TO ASTM A615, GRADE 60, WITH A DESIGN YIELD STRENGTH OF 60,000 PSI.

C-23 MECHANICAL SPLICE COUPLERS SHALL BE CAPABLE OF DEVELOPING 125% OF THE SPECIFIED STRENGTH OF THE BAR.

C-24 REINFORCING SHALL BE DETAILED, FABRICATED, BOLSTERED, AND SUPPORTED PER ACI 315.

C-25 REINFORCING SHALL BE FREE OF LOOSE FLAKY RUST, SCALE, GREASE, OIL, DIRT , AND OTHER MATERIALS WHICH MIGHT AFFECT OR IMPAIR BOND.

METAL DECKING

D-1 METAL DECK MUST BE DESIGNED AND DETAILED IN ACCORDANCE WITH THE STEEL DECK INSTITUTE (SDI) "DESIGN MANUAL FOR COMPOSITE DECKS, FORM DECKS AND ROOF DECKS" (LATEST EDITION).

D-2 STEEL DECK SHALL BE SIZE AND GAUGE AS SPECIFIED ON PLANS.

D-3 COMPOSITE STEEL FLOOR DECK TO USE 5/8" DIAMETER PUDDLE WELDS AT ALL DECK ENDS ON CMU WALLS.

D-4 METAL DECK SUPPLIER TO PROVIDE LIGHT GAGE METAL CONCRETE POUR STOPS, DECK CLOSURE PIECES AND SHALL REINFORCE OR SUPPORT DECK AT OPENINGS AND COLUMN AREAS AS REQUIRED, IN ACCORDANCE WITH THE SDI.

D-5 STEEL DECK AND ACCESSORIES SHALL BE MANUFACTURED FROM COLD ROLLED STEEL CONFORMING TO ASTM A 653, (GALVANIZED G-60), OR ASTM A 1008, GRADE C (PAINTED), AND SHALL CONFORM TO THE STEEL DECK INSTITUTE (SDI) AND AISC STANDARDS.

D-6 WELDING SHALL BE DONE WITH E60XX OR E70XX ELECTRODES.

D-7 DO NOT STRETCH DECK PERPENDICULAR TO FLUTES.

D-8 DO NOT BEND OR MAR DECK.

D-9 STORE DECKING OFF THE GROUND WITH ONE END ELEVATED. COVER DECK WITH WATERPROOF MATERIAL AND VENTILATE TO AVOID CONDENSATION.

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ARKANSAS REGISTERED PROFESSIONAL ENGINEER
No.15343
CHARLES S. BEATTY
10-18-24

CONSTRUCTION DOCUMENTS

PROJECT NO.
2226

PROJECT NAME
TERMINAL REPLACEMENT

DATE
10-18-24

CONTENTS
GENERAL NOTES

SHEET NUMBER
S-001

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STRUCTURAL STEEL

S-1 STEEL SHALL CONFORM TO THE FOLLOWING GRADES:
ALL CHANNELS, ANGLES, PLATES, ETC. (UNLESS NOTED OTHERWISE).....A36
ALL WIDE FLANGES (UNLESS NOTED OTHERWISE).....A992 (F_y=50 KSI)
STRUCTURAL TUBE.....A500 (F_y=46 KSI)
STEEL PIPE.....A53 (F_y=35 KSI)
ANCHOR RODS.....SEE ANCHOR BOLT DETAIL
BOLTS.....A325 (UNLESS NOTED OTHERWISE)
WELD ELECTRODES.....E70XX

S-2 ALL STRUCTURAL STEEL SHALL BE DETAILED, FABRICATED AND ERECTED IN ACCORDANCE WITH THE AISC CODE OF STANDARD PRACTICE (LATEST EDITION), EXCEPT AS MODIFIED IN THESE NOTES AND THE PROJECT SPECIFICATIONS.

S-3 THE STEEL STRUCTURE IS A NON-SELF-SUPPORTING STEEL FRAME AND IS DEPENDENT UPON DIAPHRAGM ACTION OF THE ROOF DECK, FLOOR SLABS AND ATTACHMENT TO THE WALL SYSTEM FOR STABILITY AND FOR RESISTANCE TO WIND AND SEISMIC FORCES. PROVIDE ALL TEMPORARY SUPPORTS REQUIRED FOR STABILITY AND FOR RESISTANCE TO WIND AND SEISMIC FORCES UNTIL THESE ELEMENTS ARE COMPLETE AND ARE CAPABLE OF PROVIDING THIS SUPPORT.

S-4 THE FABRICATOR IS RESPONSIBLE FOR THE DESIGN OF ALL CONNECTIONS, UNLESS NOTED OTHERWISE. WHERE CONNECTION COMPONENTS ARE NOT IDENTIFIED, THE STRUCTURAL DRAWINGS ARE SCHEMATIC AND ARE ONLY INTENDED TO SHOW THE RELATIONSHIP OF MEMBERS CONNECTED. CONNECTION COMPONENTS IDENTIFIED ON THE STRUCTURAL DRAWINGS SHALL BE INCORPORATED INTO THE FABRICATOR'S SHOP DRAWINGS. SEE THE SPECIFICATIONS. ALL SHOP DRAWINGS SHALL BE SIGNED AND SEALED BY THE FABRICATOR'S ENGINEER, WITH THE ENGINEER'S SEAL FOR THE STATE WHERE THE STRUCTURE IS LOCATED. THE ENGINEER'S SEAL MAY BE QUALIFIED "FOR DESIGN OF CONNECTIONS ONLY".

MASONRY

M-1 MASONRY WORK MUST BE IN CONFORMANCE WITH THE AMERICAN CONCRETE INSTITUTE (ACI) "BUILDING CODE FOR MASONRY STRUCTURES-ACI 530" (LATEST EDITION) AND THE "SPECIFICATIONS FOR MASONRY STRUCTURES-ACI 530.1" (LATEST EDITION).

M-2 ALL MORTAR TO CONFORM TO ASTM C 270, TYPE M OR S.
A. PORTLAND CEMENT: ASTM C 150, TYPE I.
B. LIME: ASTM C 207

M-3 GROUT IS TO CONFORM TO ASTM C 476 AND HAVE A MINIMUM COMPRESSIVE STRENGTH OF 2000 PSI.
A. SLUMP: 8 TO 10 INCHES.
B. MAXIMUM AGGREGATE SIZE: 3/8".

M-4 CONCRETE MASONRY TO HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF MASONRY (f'm) EQUAL TO 2000 PSI AND:
A. HOLLOW BLOCK: ASTM C 90, NORMAL WT.
B. SOLID BLOCKS: ASTM C 90.

M-5 DEFORMED BAR REINFORCEMENT PER ASTM A 615/A 615M GRADE 60.
A. PROVIDE MINIMUM LAP SPLICES OF 48 BAR DIAMETERS.
B. PROVIDE BAR SPACERS AS REQUIRED TO PROPERLY LOCATE REINFORCING WITHIN CMU CELLS.

M-6 HORIZONTAL JOINT REINFORCING TO BE SPACED AT 16" OC IN ALL WALLS UNO AND SHALL BE GALVANIZED, STANDARD CLASS, LADDER TYPE, CONFORMING TO ASTM A951. SIDE RODS TO BE 3/16" WITH NO. 9 CROSS RODS U/NO. PROVIDE ONE-PIECE PREFABRICATED REINFORCING UNITS AT 8" OC AT ALL WALL CORNERS AND INTERSECTIONS AND IN THE FIRST TWO COURSES ABOVE AND BELOW MASONRY OPENINGS. PROVIDE LAP AS RECOMMENDED BY THE MANUFACTURER WITH A MINIMUM OF 6". DISCONTINUE HORIZONTAL JOINT REINFORCING AT CONTROL JOINTS.

M-7 ALL MASONRY TO BE CONSTRUCTED USING A RUNNING BOND PATTERN. FULL BED AND HEAD JOINTS MUST BE USED.

M-8 GROUT CELLS OF CMU SOLID FOR ALL MASONRY BELOW GRADE, CMU LINTELS, BOND BEAMS, CELLS WITH VERTICAL REINFORCEMENT AND BELOW BEAM BEARING PLATES.

M-9 BOND BEAMS AND REINFORCING TO BE DISCONTINUOUS AT CONTROL JOINTS UNLESS NOTED OTHERWISE. BOND BEAM REINFORCING AT THE TOP OF ALL WALLS IS TO BE CONTINUOUS.

M-10 CONTROL JOINT SPACING IN MASONRY WALLS SHALL BE PROVIDED AT 24'-0" ON CENTER MAXIMUM AND WITHIN 2'-0" ON EITHER SIDE OF ALL WALL CORNERS.

M-11 ALL MASONRY WALLS TO BE TEMPORARILY BRACED UNTIL FLOOR OR ROOF SYSTEM HAS BEEN INSTALLED AND HAS BECOME CAPABLE OF STABILIZING THE WALLS.

M-12 ANCHOR RODS TO BE ASTM F 1554 Fy=36 KSI MINIMUM, UNLESS NOTED OTHERWISE.

M-13 DOWEL REINFORCED MASONRY WALLS TO FOUNDATION. SIZE DOWELS TO MATCH WALL REINFORCEMENT. LOCATE DOWELS IN CELLS TO CONTAIN WALL REINFORCEMENT. LAP DOWELS WITH WALL REINFORCEMENT A MINIMUM OF 48 BAR DIAMETERS UNO.

M-14 DURING CONSTRUCTION, COVER AND PROTECT THE TOPS OF MASONRY WALLS AT THE END OF EACH DAY.

M-15 UNLESS NOTED OTHERWISE, PLACE TYPICAL CMU REINFORCEMENT IN CENTER OF FULLY GROUTED CELLS AND SPACE AS FOLLOWS
A. FOR 6" CMU: (1) #5 VERTICAL AT 32" ON CENTER.
B. FOR 8" CMU: (1) #5 VERTICAL AT 32" ON CENTER.
C. FOR 10" CMU:(1) #5 VERTICAL AT 24" ON CENTER.
D. PROVIDE ADDITIONAL BARS AT CORNERS AND OPENINGS PER TYPICAL DETAILS.

M-16 ALL CORNERS AND INTERSECTIONS TO BE TIED BY MASONRY BOND.

M-17 PROVIDE VERTICAL BRICK CONTROL JOINTS AS INDICATED ON THE ARCHITECTURAL DRAWINGS. PROVIDE ADDITIONAL CONTROL JOINTS AS INDICATED ON THE ARCHITECTURAL DRAWINGS.

M-18 SPACE BRICK VENEER ANCHORS PER PROJECT SPECIFICATIONS. PROVIDE ADDITIONAL ANCHORS AT 8" OC AROUND OPENINGS

PRE-ENGINEERED METAL BUILDING

MB-1 DESIGN, FABRICATION AND ERECTION OF THE PRE-ENGINEERED METAL BUILDING SYSTEM SHALL BE SUFFICIENT TO WITHSTAND LOADS FROM WIND, SNOW, GRAVITY, STRUCTURAL MOVEMENT AND SEISMIC ACTION WITHOUT EXCEEDING ALLOWABLE STRESSES AND SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE FOLLOWING CODES:
A. METAL BUILDING MANUFACTURERS ASSOCIATION (MBMA) "METAL BUILDING SYSTEMS MANUAL".
B. AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) "SPECIFICATIONS FOR STRUCTURAL STEEL BUILDINGS" AND STEEL DESIGN GUIDE SERIES 3: "SERVICEABILITY DESIGN CONSIDERATIONS FOR LOW-RISE BUILDINGS".
C. IRON AND STEEL INSTITUTE (AISI) "NORTH AMERICAN SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS".
D. AMERICAN WELDING SOCIETY (AWS) "STRUCTURAL WELDING CODE STEEL AWS D1.1/D1.1M".

MB-2 DEFORMATIONS OF THE PRE-ENGINEERED BUILDING (INCLUDING BUT NOT LIMITED TO LATERAL DRIFT, RACKING OF FRAMES, AND HORIZONTAL AND/OR VERTICAL DEFLECTION OF STRUCTURAL ELEMENTS, CLADDING OR OTHER SUPPORTED ELEMENTS), IS TO BE LIMITED BY THE RECOMMENDATIONS SET FORTH IN AISC'S STEEL DESIGN GUIDE SERIES 3:
A. LATERAL SWAY OF MAIN FRAMES AT EAVE HEIGHT H/240 MAX
B. LATERAL SWAY OF MAIN FRAMES AT TOP OF MASONRY WALLS H/240 OR 1 1/2" MAX
C. HORIZ DEFLECTION OF GIRTS SUPPORTING MASONRY WALLS L/240 OR 1 1/2" MAX
D. HORIZ DEFLECTION OF GIRTS SUPPORTING METAL SIDING L/120 OR 2" MAX
E. VERTICAL DEFLECTION OF MAIN FRAME L/240 MAX
F. VERTICAL DEFLECTIONS OF PURLINS L/240 OR 1 1/2" MAX
G. RACKING OF MAIN FRAME H/500 (H=EAVE HT)
H. RACKING OF END WALLS H/500 (H=EAVE HT)
I. LATERAL MOVEMENT OF ELEMENTS SUPPORTING DRYWALL PARTITIONS (H=PARTITION HT) H/500

MB-3 DESIGN THE PRE-ENGINEERED METAL BUILDING TO PROVIDE LATERAL SUPPORT FOR THE TOP OF ALL PANEL WALLS. LATERAL SUPPORT SHALL BE IN THE FORM OF A GIRT, SPANDREL BEAM OR OTHER APPROVED MEANS. THE TOP OF THE PANEL WALLS SHALL BE BOLTED TO THE LATERAL SUPPORT. THE LATERAL SUPPORT SHALL BE CLIPPED TO THE MAIN-FRAME COLUMNS WITH SLOTTED CONNECTIONS.

MB-4 THE PRE-ENGINEERED METAL BUILDING SHALL BE DESIGNED TO SAFELY SUPPORT ALL LOADS TO WHICH THEY ARE SUBJECTED, INCLUDING THE LOADS INDICATION IN THE DESIGN CRITERIA SECTION OF THESE GENERAL NOTES, ADDITIONAL LOAD FROM DRIFTING SNOW WHERE APPLICABLE, OTHER LOADS SHOWN OR INDICATED ON THE DRAWINGS, AND ANY ADDITIONAL LOADS FROM MECHANICAL OR OTHER EQUIPMENT OR ELEMENTS. REFERENCE MECHANICAL AND/OR OTHER DRAWINGS FOR LOCATIONS AND WEIGHTS OF EQUIPMENT OR ELEMENTS TO BE SUPPORTED. COORDINATE AS REQUIRED.

MB-5 PRIOR TO FABRICATION, CONTRACTOR IS TO SUBMIT THE FOLLOWING ITEMS TO THE ENGINEER FOR REVIEW. SUBMITTED ITEMS MUST BE PREPARED BY, OR UNDER THE SUPERVISION OF, A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF ARKANSAS AND BEAR THE SEAL AND SIGNATURE OF THAT ENGINEER.
A. SUBMIT ERECTION DRAWINGS TO INCLUDE DETAILS SHOWING ERECTION AND ASSEMBLY OF THE METAL BUILDING SYSTEM INCLUDING SIDE WALL, END WALL, ROOF, CANOPY AND ROOF FRAMING. INCLUDE BUILDING TRANSVERSE AND CROSS SECTIONS WITH ALL WIND AND SEISMIC BRACING PROPOSED FOR THE BUILDING SYSTEM.
B. SUBMIT ANCHOR ROD PLACEMENT DRAWINGS TO SHOW ALL ANCHOR ROD LOCATIONS. INCLUDE CALCULATED FOUNDATION LOADS AT THE BASE OF ALL COLUMNS. ALL COLUMNS, BASE PLATES AND NUMBER AND DIAMETER OF ANCHOR BOLTS REQUIRED SHALL BE DESIGNED AND PROVIDED BY THE METAL BUILDING MANUFACTURER. ANCHOR BOLT CAPACITY SHALL BE BASED ON BOLT TO CONCRETE CONNECTION, NOT ON STEEL STRENGTH ALONE.
C. SUBMIT PANEL LAYOUTS OF WALLS, ROOF CANOPIES AND ROOFS. INCLUDE DETAILS OF SUPPORTS, ANCHORAGES AND SPECIAL CONDITIONS. INCLUDE DETAILS OF PANEL PROFILES.

MB-6 CONTRACTOR IS TO ENGAGE AN EXPERIENCED INSTALLER TO ERECT THE PRE-ENGINEERED METAL BUILDING WHO IS EXPERIENCED IN THE ERECTION OF METAL BUILDINGS SIMILAR TO THAT REQUIRED FOR THIS PROJECT AND WHO IS CERTIFIED IN WRITING BY THE METAL BUILDING SYSTEM MANUFACTURER AS QUALIFIED FOR ERECTION OF THE MANUFACTURER'S PRODUCT.

MB-7 FABRICATE FRAMING COMPONENTS IN THE SHOP TO THE GREATEST EXTENT POSSIBLE. IN GENERAL, SHOP WELD AND FIELD BOLT CONNECTIONS.

MB-8 EXERCISE CARE IN DELIVERING, UNLOADING, STORING AND ERECTING BUILDING MEMBERS, WALL AND ROOF COVERING PANELS AND OTHER BUILDING COMPONENTS TO PREVENT BENDING, WARPING, TWISTING AND SURFACE DAMAGE.

MB-9 ERECT FRAMING TRUE TO LINE, LEVEL AND PLUMB. LEVEL BASE PLATES TO A TRUE PLANE WITH FULL BEARING TO SUPPORTING STRUCTURE; USE A NON-SHRINK GROUT TO OBTAIN UNIFORM BEARING AND TO MAINTAIN A LEVEL BASE ELEVATION.

MB-10 PROVIDE LATERAL LOAD RESISTING SYSTEMS AS REQUIRED TO RESIST THE INDICATED WIND AND SEISMIC LOADS IN ROOF AND SIDE WALLS. WHERE OVERHEAD DOORS INTERFERE WITH DIAGONAL BRACING, PROVIDE STRUCTURAL WIND FRAMES. PROVIDE SAG RODS AS REQUIRED TO MAINTAIN VERTICAL ALIGNMENT OF WALL GIRTS. REFERENCE THE PLAN DRAWINGS FOR PERIMETER BRACING AND FRAME LOCATIONS.

MB-11 ENTIRE SLAB-ON-GRADE MUST BE IN PLACE BEFORE ERECTION OF PRE-ENGINEERED METAL BUILDING SYSTEM.

MB-12 FOOTING SIZES SHOWN ARE BASED ON ESTIMATED LOADS FROM THE PRE-ENGINEERED METAL BUILDING. FOOTING SIZES WILL BE VERIFIED UPON RECEIPT OF FINAL BUILDING DESIGN AND DETAILS.

LIGHT-GAUGE METAL FRAMING

LGM-1 DESIGN OF COLD-FORMED STEEL STRUCTURAL LOAD BEARING AND NON-LOAD BEARING MEMBERS AND THEIR CONNECTIONS SHALL BE THE SOLE RESPONSIBILITY OF THE GENERAL CONTRACTOR. SUBMIT SHOP DRAWINGS AND CALCULATIONS SIGNED AND SEALED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF ARKANSAS. REVIEW OF SHOP DRAWINGS SHALL BE FOR GENERAL CONFORMANCE WITH THE CONTRACT DOCUMENTS REGARDING ARRANGEMENT AND SIZES OF MEMBERS AND THE CONTRACTOR'S INTERPRETATION OF THE DESIGN LOADS AND CONTRACT DOCUMENT DETAILS. SUCH REVIEW SHALL NOT RELIEVE THE CONTRACTOR OF FULL RESPONSIBILITY FOR THE DESIGN OF THE COLD-FORMED STEEL STRUCTURAL MEMBERS AND THEIR CONNECTIONS.

LGM-2 LIGHT GAUGE MATERIALS SHALL CONFORM TO THE FOLLOWING:
A. ZINC-COATED STEEL SHEET MATERIAL
1. ALL STEEL SHEET MATERIAL FOR STUDS AND JOISTS, OF 12, 14, AND 16 GAUGE SHALL BE FORMED FROM STEEL THAT CORRESPONDS TO THE MINIMUM REQUIREMENTS OF ASTM A653 SS, GRADE 50, CLASS 1 OR 3 WITH A MINIMUM YIELD OF 50,000 PSI.
2. ALL STEEL SHEET MATERIAL FOR STUDS AND JOISTS, OF 18 GAUGE AND LIGHTER, AND ALL STEEL SHEET MATERIAL FOR TRACK BRIDGING, END CLOSURES AND ACCESSORIES SHALL BE FORMED FROM STEEL THAT CORRESPONDS TO THE REQUIREMENTS OF ASTM A653 SS, GRADE 33 WITH A MINIMUM YIELD STRENGTH OF 33,000 PSI.
3. ALL STEEL SHEET MATERIAL FOR STUDS, JOISTS, TRACK, BRIDGING AND ACCESSORIES SHALL BE FORMED FROM STEEL HAVING A ZINC COATING MEETING THE REQUIREMENTS OF ASTM A653.
B. SECTION PROPERTIES: THE PHYSICAL AND STRUCTURAL PROPERTIES LISTED BY THE STEEL STUD MANUFACTURER ASSOCIATION AND AISI DESIGN MANUAL SHALL BE CONSIDERED THE MINIMUM PERMITTED FOR ALL FRAMING MEMBERS, SPECIFICALLY, THE FOLLOWING MINIMUM PROPERTIES, CALCULATED IN ACCORDANCE WITH THE LATEST AISI SPECIFICATION, SHALL BE PROVIDED: IX (IN.4), SX (IN.3), AREA (IN.2), RX (IN.), FY (KSI), RESISTING MOMENT (IN.-LB).
C. ANY SUBSTITUTIONS MUST BE APPROVED IN WRITING, PRIOR TO DELIVERY, BY THE ARCHITECT AND/OR ENGINEERS-OF-RECORD.

LGM-3 INSTALLATION OF STUDS SHALL BE AS PER ASTM C1007-08 "INSTALLATION OF LOAD BEARING (TRANSVERSE AND AXIAL) STEEL STUDS AND ACCESSORIES", ASTM C955-08A "SPECIFICATION FOR LOAD BEARING (TRANSVERSE AND AXIAL) STEEL STUDS, RUNNERS (TRACK), AND BRACING OR BRIDGING FOR SCREW APPLICATION OF GYPSUM BOARD AND METAL PLASTER BASES", AND ASTM C754-08 "SPECIFICATION FOR INSTALLATION OF STEEL FRAMING MEMBERS TO RECEIVE SCREW ATTACHED GYPSUM BOARD".

LGM-4 ALL FRAMING COMPONENTS MUST BE CUT SQUARELY FOR ATTACHMENT TO PERPENDICULAR MEMBERS, OR AS REQUIRED FOR AN ANGULAR FIT AGAINST ABUTTING MEMBERS. MEMBERS MUST BE HELD POSITIVELY IN PLACE UNTIL PROPERLY FASTENED.

LGM-5 STUD ENDS MUST BE SQUARELY SEATED AGAINST THE TRACK WEB. BOTH STUD FLANGES MUST BE ATTACHED TO TRACK MEMBERS AT TOP AND BOTTOM WITH A MINIMUM OF (1)-#10 SCREW IN EACH FLANGE.

LGM-6 STUD BRIDGING SHALL BE PROVIDED BY 1 1/2" COLD ROLLED U-CHANNEL UNLESS NOTED OTHERWISE. THE U-CHANNEL MUST BE ATTACHED TO EACH STUD BY WELDING OR ATTACHING WITH CLIP ANGLES AND SCREWS. HORIZONTAL STRAPPING AND SOLID BRIDGING WITH TRACK MEMBERS CAN ALSO BE USED FOR BRIDGING. BRIDGING SHALL BE SPACED AT 4'-0" O.C. MAXIMUM IN LOAD BEARING WALLS, 8'-0" ELSEWHERE, UNLESS NOTED OTHERWISE.

LGM-7 ALL STUD BRIDGING INSTALLATIONS MUST BE ATTACHED IN A MANNER TO PREVENT STUD ROTATION.

LGM-8 PROVIDE A MINIMUM OF TWO FULL HEIGHT STUDS AT WALL ENDS, AT EACH SIDE OF DOOR AND WINDOW OPENINGS, UNLESS NOTED OTHERWISE. FASTEN MULTIPLE STUDS TOGETHER WITH (2)-#10 TEK SCREWS AT 24" O.C.

LGM-9 ALL TRACK BUTT JOINTS, ABUTTING PIECES OF TRACK, MUST BE SECURELY ANCHORED OVER A COMMON STRUCTURAL ELEMENT, AND THEY SHALL BE BUTT-WELDED OR OVERLAPPED AND SPLICED WITH (4)-#10 SCREWS EACH SIDE OF SPLICE.

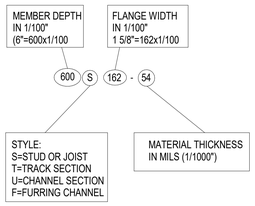
LGM-10 END BLOCKING MUST BE PROVIDED WHERE JOIST ENDS ARE NOT OTHERWISE RESTRAINED FROM ROTATION.

LGM-11 FASTENING OF ALL COMPONENTS MUST BE WITH SELF-DRILLING SCREWS OR WELDING OF SUFFICIENT SIZE TO ENSURE THE STRENGTH OF THE CONNECTION.

LGM 12 TEMPORARY BRACING SHALL BE PROVIDED UNTIL ERECTION IS COMPLETE.

LGM-13 FASTEN ALL RUNNER TRACKS TO CONCRETE SLAB AS PER MANUFACTURER RECOMMENDATIONS.

METAL STUD INDENTIFICATION



QUALITY ASSURANCE PLAN

QA-1 QUALITY ASSURANCE
A. THE CONTRACTOR SHALL EMPLOY A QUALIFIED QUALITY ASSURANCE AGENCY (QAA) TO PROVIDE SPECIAL INSPECTIONS AND QUALITY ASSURANCE TESTING FOR THE PROJECT AS REQUIRED PER THE CONSTRUCTION DOCUMENTS AND CHAPTER 17 OF THE IBC.
B. EACH SPECIAL INSPECTOR SHALL BE A QUALIFIED PERSON WHO SHALL DEMONSTRATE COMPETENCE, TO THE SATISFACTION OF THE CONTRACTOR, FOR INSPECTION OF THE PARTICULAR TYPE OF CONSTRUCTION OR OPERATION REQUIRING SPECIAL INSPECTION.
C. THE SPECIAL INSPECTOR SHALL PROVIDE REPORTS TO THE CONTRACTOR OF INSPECTION PERFORMED. THE REPORTS SHALL INDICATE WHETHER THE WORK WAS DONE IN CONFORMANCE TO APPROVED CONSTRUCTION DOCUMENTS.
D. DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR. DISCREPANCIES NOT CORRECTED SHALL BE BROUGHT TO THE ATTENTION OF THE CONTRACTOR AND ENGINEER OF RECORD.
E. A FINAL REPORT DOCUMENTING REQUIRED SPECIAL INSPECTIONS AND CORRECTIONS OF MANY DISCREPANCIES NOTED SHALL BE PROVIDED TO THE CONTRACTOR.
F. STRUCTURAL LOAD BEARING MEMBERS AND ASSEMBLIES WHICH ARE FABRICATED IN A SHOP SHALL BE FABRICATED IN A REGISTERED AND APPROVED FABRICATOR'S SHOP OR SHALL BE INSPECTED. REGISTRATION AND APPROVAL OF A SHOP IS BASED ON A SHOP REVIEW BY A SPECIAL INSPECTION AGENCY. APPROVED FABRICATOR'S SHALL SUBMIT A CERTIFICATE OF COMPLIANCE AT THE CONCLUSION OF THEIR FABRICATION.

QA-2 CONTRACTOR'S RESPONSIBILITY:
A. EACH SUBCONTRACTOR RESPONSIBLE FOR THE CONSTRUCTION OF A MAIN WIND-OR-SEISMIC-FORCE-RESISTING ELEMENT OR COMPONENT LISTED IN THE TABLES OF SPECIAL INSPECTIONS SHALL SUBMIT A WRITTEN STATEMENT OF RESPONSIBILITY TO THE CONTRACTOR PRIOR TO THE COMMENCEMENT OF WORK ON THE SYSTEM OR COMPONENT. THE SUB-CONTRACTOR'S STATEMENT OF RESPONSIBILITY SHALL CONTAIN THE FOLLOWING:
1. ACKNOWLEDGEMENT OF AWARENESS OF THE REQUIREMENTS CONTAINED IN THE TABLES OF SPECIAL INSPECTIONS.
2. ACKNOWLEDGE THAT CONTROL WILL BE EXERCISED TO OBTAIN CONFORMANCE WITH THE CONSTRUCTION DOCUMENTS AND SPECIAL INSPECTION REQUIREMENTS.
3. PROCEDURES FOR EXERCISING CONTROL WITHIN THE SUB-CONTRACTOR'S ORGANIZATION, THE METHOD AND FREQUENCY OF REPORTS AND DISTRIBUTION OF THE REPORTS.
4. IDENTIFICATION AND QUALIFICATIONS OF PERSONS EXERCISING CONTROL AND THEIR POSITIONS IN THE ORGANIZATION.
B. CORRECT ALL WORK FOUND TO BE DEFICIENT AND RETEST.
C. COORDINATE ALL THE REQUIRED INSPECTIONS, TESTING AND/OR STRUCTURAL OBSERVATIONS OF THE QUALITY ASSURANCE PLAN. DO NOT PROCEED WITH SUBSEQUENT WORK UNTIL THE REQUIRED INSPECTIONS, TESTING, AND/OR STRUCTURAL OBSERVATIONS HAVE BEEN PROVIDED. NOTIFY THE ENGINEER OF RECORD AT LEAST 72 HOURS PRIOR TO ANY REQUIRED OBSERVATIONS.
D. PROVIDE COPIES OF THE DAILY INSPECTION REPORTS AND ALL TESTING RESULTS AS REQUIRED.

QA-3 STRUCTURAL OBSERVATIONS:
A. AS REQUIRED BY SECTION 1709.2 AND 1709.3 OF THE IBC, THE CONTRACTOR SHALL EMPLOY A PROFESSIONAL ENGINEER TO PERFORM STRUCTURAL OBSERVATIONS AT SIGNIFICANT STAGES OF CONSTRUCTION FOR GENERAL CONFORMANCE TO THE CONSTRUCTION DOCUMENTS.
B. COPIES OF THE OBSERVATION REPORTS SHALL BE PROVIDED TO THE CONTRACTOR.
C. NOTIFY THE ENGINEER AT LEAST 72 HOURS PRIOR TO THE FOLLOWING:
1. PLACING CONCRETE IN ANY FOOTING.
2. CLOSING ANY WALL FORM.
3. PLACING CONCRETE IN ANY COLUMN, BEAM, OR SUSPENDED SLAB.
4. GROUTING ANY MASONRY.
5. COMPLETING THE WELDING OF MAJOR SECTIONS OF STEEL DECKING.

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ARKANSAS REGISTERED PROFESSIONAL ENGINEER No.5343 JAMES S. BEATTY
10-18-24

CONSTRUCTION DOCUMENTS

PROJECT NO.
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DATE
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GENERAL NOTES

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S-002

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ABBREVIATIONS

A	
A/E	ARCHITECT/ENGINNER
AB	ANCHOR BOLT
ABV	ABOVE
ACI	AMERICAN CONCRETE INSTITUTE
ADD	ADDITIONAL
ADJ	ADJACENT, ADJUSTABLE
AFF	ABOVE FINISHED FLOOR
AHU	AIR HANDLING UNIT
AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION
ALT	ALTERNATE
APPROX	APPROXIMATE
ARCH	ARCHITECT OR ARCHITECTURAL
ASTM	AMERICAN SOCIETY FOR TESTNG MATERIAL
AVG	AVERAGE
B	
B PL	BASEPLATE
B/	BOTTOM OF
B/C	BOTTOMOF CURB
BD	BOARD
BF	BOTH FACES
BFF	BELOW FINISHED FLOOR
BIT	BITUMINOUS
BLDG	BUILDING
BLK	BLOCK
BLKG	BLOCKING
BM	BENCH MARK
BM	BEAM
BOT	BOTTOM
BR	BRICK
BRG	BEARING
BRKT	BRACKET
BS	BOTH SIDES
BSMT	BASEMENT
BT	BENT
BTWN	BETWEEN
C	
CB	CATCH BASIN
CC	CENTER TO CENTER
CEM PL	CEMENT PLASTER
CF	CUBIC FOOT OR CUBIC FEET
CHAM	CHAMFER
CIP	CAST IN PLACE
CJ	CONTROL JOINT
CL	CENTERLINE
CLR	CLR
CMU	CONCRETE MASONRY UNIT
CO	CLEAN OOUT
COL	COLUMN
CONC	CONCRETE
CONN	CONNECTION
CONST	CONSTRUCTION
CONT	CONT
CONTR	CONTRACTOR
COOR	COORDINATE
CORR	CORRIDOR
CRSE	COURSE
CRSI	CONCRETE REINFORCING STEEL INSTITUTE
CY	CUBIC YARD
D	
db	BAR DIAMETER
DBL	DOUBLE
DET	DETAIL
DIA	DIAMETER
DIAG	DIAGONAL
DIM	DIMENSION
DL	DEAD LOAD
DN	DOWN
DTL	DETAIL
DWG	DRAWING
DWL	DOWEL
E	
E	EAST
EA	EACH
EF	EACH FACE
EIFS	EXTERIOR INSULATION FINISH SYSTEM
EJ	EXPANSION JOINT
ELE	ELEVATOR
ELEC	ELECTRICAL
ELEV	ELEVATION
EMBED	EMBED(ED)(MENT)
ENCL	ENCLOS(URE)
ENGR	ENGINEER
EOS	EDGE OF SLAB
EQ	EQUAL
EQUIP	EQUIPMENT
EST	ESTIMATE(D)
EW	EACH WAY
EXC	EXCAVATE OR EXCAVATION
EXCL	EXCLUDE(ING)
EXIST	EXISTING
EXP	EXPANSION
EXP BLT	EXPANSION BOLT
EXT	EXTERIOR
F	
F/F	FACE TO FACE
FD	FLOOR DRAIN
FDN	FOUNDATION
FF	FAR FACE
FIN	FINISH(ED)
FL	FLOOR
FPRF	FIREPROOF(ING)
FS	FAR SIDE
FT	FOOT/FEET
FTG	FOOTING
G	
GA	GAUGE
GALV	GALVANIZED
GB	GRADE BEAM
GC	GENERAL CONTRACTOR
GD	GRADE(ING)
GRAV	GRAVEL
GRD	GROUND
GRT	GROUT
H	
HM	HOLLOW METAL
HORIZ	HORIZONTAL
HP	HIGH POINT
HT	HEIGHT
I	
ID	INSIDE DIAMETER
IN	INCH(ES)
INCL	INCLUDE
INFO	INFORMATION
INT	INTERIOR
ISO JT	ISOLATION JOINT
J	
JB	JAMB
JST	JOIST
JT	JOINT
K	
K	KIP(S)
KB	KNEE BRACE
KCF	KIPS PER CUBIC FOOT
KLF	KIPS PER LINEAR FOOT
KSF	KIPS PER SQUARE FOOT
KSI	KIPS PER SQUARE INCH
L	
L	LENGTH
LB	LB
ld	DEVELOPMENT LENGTH
LF	LINEAL FOOT
LG	LONG
LGT	LENGTH
LL	LIVE LOAD
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
LONG	LONGITUDINAL
LP	LOW POINT
LTL	LINTEL
M	
MEP	MECHANICAL, ELECTRICAL & PLUMPING
MANUF	MANUFACTURE
MAS	MASONRY
MATL	MATERIAL
MAX	MAXIMUM
MB	METAL BUILDING
MCJ	MASONRY CONTROL JOINT
MECH	MECHANICAL
MEMB	MEMBRANE
MEZZ	MEZZANINE
MFR	MANUFACTURE
MH	MANHOLE
MID	MIDDLE
MIN	MINIMUM
MISC	MISCELLANEOUS
MLTP	MULTIPLE
MO	MASONRY OPENING
MP	MASONRY PIER
MTL	METAL
N	
N	NORTH
NF	NEAR FACE
NIC	NOT IN CONTRACT
NM	NORMAL
NO	NUMBER
NOM	NOMINAL
NS	NEAR SIDE
NTS	NOT TO SCALE
O	
OC	ON CENTER
OD	OUTSIDE DIAMETER
OPNG	OPENING
OPP HAND	OPPOSITE HAND
OZ	OUNCE
P	
PART	PARTITION
PCF	POUNDS PER CUBIC FOOT
PCI	POUND PER CUBIC INCH
PEMB	PRE-ENGINEERED METAL BUILDING
PERF	PERFORATED
PERM	PERIMETER
PL	PLATE
PLF	POUNDS PER LINEAR FOOT
PLYWD	PLYWOOD
PRCST	PRECAST
PREFAB	PREFABRICATED
PREMLD	PREMOLDED
PROP	PROPERTY
PROT	PROTECT, PROTECTED, OR PROTECTION
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PSIG	POUNDS PER SQUARE INC GAUGE
PT	POINT
PVMT	PAVEMENT
Q	
QTY	QUANTITY
R	
RAD	RADIUS OR RADII
RD	ROOF DRAIN
RE:	REFER TO
REC	RECESSED
REINF	REINFORCE(ING)(MENT)
REQ'D	REQUIRED
REV	REVISION OR REVISE
RF	ROOF
RO	ROUGH OPENING
RTU	ROOF TOP UNIT
S	
S	SOUTH
SC	SLIP CRITICAL
SCHED	SCHEDULE
SDI	STEEL DECK INSTITUTE
SECT	SECTION
SF	SQUARE FOOT
SHT	SHEET
SIM	SIMILAR
SL	SLOPE(D) OR SLOPING
SLV	SLEEVE
SOG	SLAB ON GRADE
SP	SPACE(S) OR SPACING
SPEC	SPECIFY, SPECIFIED OR SPECIFICATIONS
SQ	SQUARE
SQ. FT.	SQUARE FOOT
SS	STAINLESS STEEL
STD	STANDARD
STIFF	STIFFENER
STL	STEEL
STRUCT	STRUCTURAL
SUSP	SUSPEND, SUSPENDED OR SUSPENSION
T	
T	THICKNESS
T&B	TOP AND BOTTOM
T/	TOP OF
T/C	TOP OF CURB
TEMP	TEMPORARY
TERM	TERMINATE/TERMINAL
THD	THREAD(ED)
THK	THICKNESS
THRESH	THRESHHOLD
TRANS	TRANSVERSE
TRTD	TREATED
TSF	TONS PER SQUARE FOOT
TYP	TYPICAL
U	
U	UNO
V	
VERT	VERTICAL
VIF	VERIFY IN FIELD
W	
W	WEST
W	WIDTH
W/	WITH
W/O	WITHOUT
WL	WIND LOAD
WP	WORKING POINT
WT	WEIGHT
WWF	WELDED WIRE REINFORCEMENT

SYMBOLS

<	ANGLE	⊥()	PERPENDICULAR
@	AT	P_	PLATE
℄	CENTERLINE	S()	STANDARD AMERICAN SHAPE
()°	DEGREE	L()	ANGLE
Ø	DIAMETER	C()	CHANNEL
⌀	ELEVATION	LL()	DOUBLE ANGLE
=	EQUAL	HSS()	HOLLOW STRUCTURAL SECTION
()'	FEET	MC()	MISCELLANEOUS CHANNEL
()"	INCH OR INCHES	WT()	STRUCTURAL STEEL TEE
#	NUMBER	W()	WIDE FLANGE
//()	PARALLEL	K()	OPEN WEB STEEL JOIST
%	PERCENT		

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CONSTRUCTION DOCUMENTS

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ABBREVIATIONS

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SOILS AND FOUNDATION SPECIAL INSPECTIONS (BASED ON 2021 IBC, TABLE 1705.6)	SPECIAL INSPECTIONS	
	CONTINUOUS	PERIODIC
MATERIALS BELOW FOOTING ARE ADEQUATE [a]		X
EXCAVATIONS EXTEND TO PROPER DEPTH AND REACH PROPER MATERIAL[a]		X
CLASSIFICATION AND TESTING OF FILL MATERIALS		X
PROPER MATERIALS, DENSITIES, AND LIFT THICKNESS OF FILL [a]	X	
INSPECT SUBGRADE AND VERIFY PROPER PREPARATION[a]		X

a. SOIL PARAMETERS SHALL BE IN ACCORDANCE WITH THE PROJECT GEOTECHNICAL REPORT REFERENCE IN THE DESIGN CRITERIA TABLE

CONCRETE CONSTRUCTION SPECIAL INSPECTIONS (BASED ON 2021 IBC, TABLE 1705.3)	SPECIAL INSPECTIONS	
	CONTINUOUS	PERIODIC
REINFORCEMENT AND VERIFY PLACEMENT		X
REINFORCEMENT BAR WELDING[a]	X	X
ANCHORS CAST IN CONCRETE		X
POST-INSTALLED ANCHORS INSTALLED IN HORIZONTALLY OR UPWARDLY INCLINE ORIENTATIONS TO RESIST SUSTAINED TENSION LOADS[b]	X	
POST-INSTALLED ANCHORS OTHER THAN THOSE INSTALLED IN HORIZONTALLY OR UPWARDLY INCLINED ORIENTATIONS TO RESIST SUSTAINED TENSION LOADS[b]		X
VERIFY USE OF REQUIRED DESIGN MIX		X
CONCRETE PLACEMENT AND SAMPLING[c]	X	
CONCRETE AND SHOTCRETE PLACEMENT TECHNIQUES	X	
CURING TECHNIQUES AND TEMPERATURES		X
VERIFICATION OF IN-SITU CONCRETE STRENGTH • PRIOR TO STRESSING OF POST-TENSIONED TENDONS • PRIOR TO REMOVAL OF BEAM AND STRUCTURAL SLAB SHORES AND FORMS.		X

a. PERIODIC SPECIAL INSPECTIONS ARE ACCEPTABLE FOR VERIFYING WELDABILITY OF REINFORCING BARS OTHER THAN ASTM A706 AND FOR INSPECTION OF SINGLE-PASS FILLET WELDS LESS THAN OR EQUAL TO 5/16". CONTINUOUS SPECIAL INSPECTIONS ARE REQUIRED FOR ALL OTHER WELDING OF REINFORCING.
b. POST-INSTALLED ANCHORS ARE NOT A SUBSTITUTE FOR CAST-IN-PLACE ANCHORS. THE CONTRACTOR SHALL OBTAIN WRITTEN APPROVAL FROM THE STRUCTURAL ENGINEER OF RECORD PRIOR TO USING POST-INSTALLED ANCHORS FOR MISSING OR MISPLACED CAST-IN-PLACE ANCHORS.
c. PRIOR TO CONCRETE PLACEMENT, FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, DETERMINE THE TEMPERATURE OF THE CONCRETE.

STRUCTURAL STEEL - BOLTING SPECIAL INSPECTIONS: PRIOR TO BOLTING (BASED ON AISC 360-16, TABLE N5.6-1)	QUALITY CONTROL		QUALITY ASSURANCE	
	OBSERVE	PERFORM	OBSERVE	PERFORM
MANUFACTURER'S CERTIFICATIONS AVAILABLE FOR FASTENER MATERIALS	X			X
FASTENERS MARKED IN ACCORDANCE WITH ASTM REQUIREMENTS	X		X	
CORRECT FASTENERS SELECTED FOR THE JOINT DETAIL (GRADE, TYPE, BOLT LENGTH IF THREADS ARE TO BE EXCLUDED FROM SHEAR PLANE)	X		X	
CORRECT BOLTING PROCEDURE SELECTED FOR JOINT DETAIL	X		X	
CONNECTING ELEMENTS,INCLUDING THE APPROPRIATE FAYING SURFACE CONDITION AND HOLE PREPARATION, IF SPECIFIED, MEET APPLICABLE REQUIREMENTS	X		X	
PRE-INSTALLATION VERIFICATION TESTING BY INSTALLATION PERSONNEL OBSERVED AND DOCUMENTED FOR FASTENER ASSEMBLIES AND METHODS USED		X	X	
PROTECTIVE STORAGE PROVIDED FOR BOLTS, NUTS, WASHERS, AND OTHER FASTENER COMPONENTS	X		X	
STRUCTURAL STEEL - BOLTING SPECIAL INSPECTIONS: TASKS DURING BOLTING (BASED ON AISC 360-16, TABLE N5.6-2)	**QUALITY CONTROL**		**QUALITY ASSURANCE**	
	OBSERVE	**PERFORM**	**OBSERVE**	**PERFORM**
FASTENER ASSEMBLIES PLACED IN ALL HOLES AND WASHERS AND NUTS ARE POSITIONED AS REQUIRED	X		X	
JOINT BROUGHT TO SNUG-TIGHT CONDITION PRIOR TO THE PRETENSIONING OPERATION	X		X	
FASTENER COMPONENT NOT TURNED BY THE WRENCH PREVENTED FROM ROTATING	X		X	
FASTENERS ARE PRETENSIONED IN ACCORDANCE WITH THE RCSC SPECIFICATION, PROGRESSING SYSTEMATICALLY FROM THE MOST RIGID POINT TOWARD THE FREE EDGES	X		X	
STRUCTURAL STEEL - BOLTING SPECIAL INSPECTIONS: TASKS AFTER BOLTING (BASED ON AISC 360-16, TABLE N5.6-3)	**QUALITY CONTROL**		**QUALITY ASSURANCE**	
	OBSERVE	**PERFORM**	**OBSERVE**	**PERFORM**
DOCUMENT ACCEPTANCE OR REJECTION OF BOLTED CONNECTIONS		X		X

BOLTING SPECIAL INSPECTION NOTES:
1. OBSERVATION OF BOLTING OPERATIONS SHALL BE PRIMARY METHOD USED TO CONFIRM THAT THE MATERIALS, PROCEDURES, AND WORKMANSHIP INCORPORATED IN CONSTRUCTION ARE IN CONFORMANCE WITH THE CONSTRUCTION DOCUMENTS AND THE PROVISIONS OF THE RESEARCH COUNCIL ON STRUCTURAL CONNECTIONS (RCSC) SPECIFICATION.
2. FOR SNUG-TIGHT JOINTS, PRE-INSTALLATION VERIFICATION TESTING AS SPECIFIED IN TABLE N5.6-1 (SHOWN IN TASKS PRIOR TO BOLTING TABLE ABOVE) AND MONITORING OF THE INSTALLATION PROCEDURES AS SPECIFIED IN TABLE N5.6-2 (SHOWN IN TASKS DURING BOLTING TABLE ABOVE) ARE NOT APPLICABLE. THE QUALITY CONTROL INSPECTOR AND QUALITY ASSURANCE INSPECTOR NEED NOT BE PRESENT DURING THE INSTALLATION OF FASTENERS IN SNUG-TIGHT JOINTS.
3. FOR PRETENSIONED JOINTS AND SLIP CRITICAL JOINTS, WHEN INSTALLER IS USING THE TURN-OF-NUT METHOD WITH MATCHMARKING TECHNIQUES, THE DIRECT-TENSION-INDICATOR METHOD, OR THE TWIST-OFF-TYPE TENSION CONTROL BOLT METHOD, MONITORINGOF BOLT PRETENSIONING PROCEDURES SHALL BE AS SPECIFIED IN TABLE N5.6-2 (SHOWN IN TASKS DURING BOLTING TABLE ABOVE) THE QUALITY CONTROL INSPECTOR AND QUALITY ASSURANCE INSPECTOR NEED NOT BE PRESENT DURING THE INSTALLATION OF FASTENERS WHEN THESE METHODS ARE USED BY THE INSTALLER.
4. FOR PRETENSIONED JOINTS AND SLIP-CRITICAL JOINTS, WHEN THE INSTALLED IS USING THE CALIBRATED WRENCH METHOD OR THE TURN-OF-NUT METHOD WITHOUT MATCH MARKING, MONITORING OF BOLT PRETENSIONING PROCEDURES SHALL BE AS SPECIFIED IN TABLE N5.6-2 (SHOWN IN TASKS DURING BOLTING TABLE ABOVE). THE QUALITY CONTROL INSPECTOR AND QUALITY ASSURANCE INSPECTOR SHALL BE ENGAGED IN THEIR ASSIGNED INSPECTION DUTIES DURING INSTALLATION OF FASTENERS WHEN THESE METHODS ARE USED BY THE INSTALLER.

STRUCTURAL SPECIAL INSPECTION NOTES
1. ITEMS INDICATED WITH AN 'X' IN THE SPECIAL INSPECTION TABLES SHALL BE INSPECTED IN ACCORDANCE WITH IBC, CHAPTER 17.
2. SEE SPECIAL INSPECTIONS SECTION OF GENERAL NOTES FOR ADDITIONAL SPECIAL INSPECTION REQUIREMENTS AND SPECIAL INSPECTOR QUALIFICATIONS.
   A. FOR STEEL SPECIAL INSPECTIONS, QUALITY CONTROL, QUALITY ASSURANCE, AND NON-DESTRUCTIVE TESTING (NDT), PERSONNEL ARE TO BE QUALIFIED IN ACCORDANCE WITH AISC 360-16, SECTION N4.
3. SCHEDULE NOMENCLATURE;
   A. STEEL SPECIAL INSPECTION TABLES:
      1. QUALITY CONTROL: TO BE PERFORMED BY THE FABRICATOR OR ERECTOR.
      2. QUALITY ASSURANCE: TO BE PERFORMED BY THE SPECIAL INSPECTOR, EXCEPT WHERE NON-DESTRUCTIVE TESTING (NDT) IS ALLOWED TO BE PERFORMED BY THE FABRICATOR IN ACCORDANCE WITH AISC 360-16, SECTION N7.
      3. OBSERVE: THE INSPECTOR SHALL OBSERVE THESE ITEMS ON A RANDOM BASIS, OPERATIONS NEED NOT BE DELAYED PENDING THESE INSPECTIONS.
      4. PERFORM: THESE TASKS SHALL BE PERFORMED FOR EACH MEMBER, JOINT, OR CONNECTION.
   B. OTHER SPECIAL INSPECTION TABLES:
      1. CONTINUOUS: SPECIAL INSPECTIONS BY WHICH THE SPECIAL INSPECTOR IS PRESENT CONTINUOUSLY WHEN AND WHERE THE WORK TO BE INSPECTED IS BEING PERFORMED.
      2. PERIODIC: SPECIAL INSPECTION BY WHICH THE INSPECTOR IS INTERMITTENTLY PRESENT WHERE THE WORK TO BE INSPECTED HAS BEEN OR IS BEING PERFORMED.
4. FOR STEEL CONSTRUCTION, THE STEEL QUALITY ASSURANCE INSPECTOR SHALL BE ON THE PREMISES FOR INSPECTION DURING PLACEMENT OF ANCHOR RODS AND OTHER EMBEDMENTS SUPPORTING STRUCTURAL STEEL TO VERIFY COMPLIANCE WITH THE CONSTRUCTION DOCUMENTS. THIS INCLUDES VERIFICATION OF DIAMETER, GRADE, TYPE, LENGTH, AND EXTENT OR DEPTH OF EMBEDMENT PRIOR TO PLACEMENT OF CONCRETE.
5. STEEL QUALITY ASSURANCE INSPECTIONS, EXCEPT NON-DESTRUCTIVE TESTING (NDT), MAY BE WAIVED WHEN THE WORK IS PERFORMED IN A FABRICATING SHOP OR BY AN ERECTOR APPROVED BY THE AUTHORITY HAVING JURISDICTION (AHJ) TO PERFORM THE WORK WITH QC. NDT OF WELDS COMPLETED IN AN APPROVED FABRICATOR'S SHOP MAY BE PERFORMED BY THAT FABRICATOR WHEN APPROVED BY THE AHJ. WHEN THE FABRICATOR PERFORMS THE NDT, THE QA AGENCY SHALL REVIEW THE FABRICATOR NDT REPORTS.
6. AT COMPLETION OF WORK, THE CONTRACTOR SHALL SUBMIT A CERTIFICATE OF COMPLIANCE TO THE AUTHORITY HAVING JURISDICTION (AHJ) STATING THAT MATERIALS AND CONSTRUCTION ARE IN COMPLIANCE WITH THE CONSTRUCTION DOCUMENTS.
   A. THE STEEL FABRICATOR SHALL SUBMIT A CERTIFICATE OF COMPLIANCE TO THE AHJ AT COMPLETION OF FABRICATION.
   B. THE STEEL ERECTOR SHALL SUBMIT A CERTIFICATE OF COMPLIANCE TO THE AHJ AT COMPLETION OF ERECTION.
7. ANY CONSTRUCTION OF MATERIAL THAT FAILS THE SPECIAL INSPECTION SHALL BE BROUGHT INTO CONFORMANCE, OR MADE SUITABLE FOR ITS INTENDED PURPOSE AS DETERMINED BY THE ENGINEER OF RECORD.
8. ALL NONCONFORMANCE REPORTS AND REPORTS OF REPAIR AND REPLACEMENT SHALL BE SUBMITTED TO THE AUTHORITY HAVING JURISDICTION (AHJ), PROJECT MANAGER (ARCHITECT), AND ENGINEER OF RECORD (EOR), FABRICATOR, AND ERECTOR.
9. ANY CONSTRUCTION OR MATERIAL THAT FAILS THE SPECIAL INSPECTION SHALL BE SUBJECT TO REMOVAL OR REPLACEMENT.

STRUCTURAL STEEL - WELDING SPECIAL INSPECTIONS: PRIOR TO WELDING (BASED ON AISC 360-16, TABLE N5.4-1)	QUALITY CONTROL		QUALITY ASSURANCE	
	OBSERVE	PERFORM	OBSERVE	PERFORM
WELDER QUALIFICATION RECORDS AND CONTINUITY RECORDS		X	X	
WELDING PROCEDURE SPECIFICATIONS (WPS) AVAILABLE		X		X
MANUFACTURER CERTIFICATIONS FOR WELDING CONSUMABLES AVAILABLE		X		X
MATERIAL IDENTIFICATION (TYPE/GRADE)	X		X	
WELDER IDENTIFICATION SYSTEM[a]	X		X	
FIT-UP OF GROOVE WELDS (INCLUDING JOINT GEOMETRY) • JOINT PREPARATION • DIMENSIONS (ALIGNMENT, ROOT OPENING, ROOT FACE, BEVEL • CLEANLINESS (CONDITION OF STEEL SURFACES) • TACKING (TACK WELD QUALITY AND LOCATION) • BACKING TYP AND FIT (IF APPLICABLE)	X		X	
FIT-UP OF CJP GROOVE WELDS OFF HSS T-, Y-, AND K-JOINTS WITHOUT BACKING (INCLUDING JOINT GEOMETRY) • JOINT PREPARATION • DIMENSIONS (ALIGNMENT, ROOT OPENING, ROOT FACE, BEVEL) • CLEANLINESS (CONDITION OF STEEL SURFACES) • TACKING (TACK WELD QUALITY AND LOCATION)		X	X	
CONFIGURATION AND FINISH OF ACCESS HOLES	X		X	
FIT-UP OF FILLET WELDS • DIMENSIONS (ALIGNMENT, GAP AT ROOT • CLEANLINESS (CONDITION OF STEEL SURFACES) • TACKING (TACK WELD QUALITY AND LOCATION)	X		X	
CHECK WELDING EQUIPMENT	X			

a. THE FABRICATOR OR ERECTOR, AS APPLICABLE, SHALL MAINTAIN A SYSTEM BY WHICH A WELDER WHO HAS WELDED A JOINT OR MEMBER CAN BE IDENTIFIED. STAMPS, IF USED, SHALL BE THE LOW STRESS TYPE.

STRUCTURAL STEEL - WELDING SPECIAL INSPECTIONS: TASKS DURING WELDING (BASED ON AISC 360-16, TABLE N5.4-2)	**QUALITY CONTROL**		**QUALITY ASSURANCE**	
	OBSERVE	**PERFORM**	**OBSERVE**	**PERFORM**
CONTROL AND HANDLING OF WELDING CONSUMABLES • PACKAGING • EXPOSURE CONTROL	X		X	
NO WELDING OVER CRACKED TACK WELDS	X		X	
ENVIRONMENTAL CONDITIONS • WIND SPEED WITHIN LIMITS • PRECIPITATION AND TEMPERATURE	X		X	
WPS FOLLOWED • SETTINGS ON WELDING EQUIPMENT • SHIELDING GAS TYPE/FLOW RATE • TRAVEL SPEED • PREHEAT APPLIED • SELECTED WELDING MATERIALS • PROPER POSITION (F, V, H, OH) • INTERPASS TEMPERATURES MAINTAINED (MIN./MAX.)	X		X	
WELDING TECHNIQUES • INTERPASS AND FINAL CLEANING • EACH PASS WITHN PROFILE LIMITATIONS • EACH PASS MEETS QUALITY REQUIREMENTS	X		X	
PLACEMENT AND INSTALLATION OF STEEL HEADED STUD ANCHORS		X		X
STRUCTURAL STEEL - WELDING SPECIAL INSPECTIONS: TASKS AFTER WELDING (BASED ON AISC 360-16, TABLE N5.4-3)	**QUALITY CONTROL**		**QUALITY ASSURANCE**	
	OBSERVE	**PERFORM**	**OBSERVE**	**PERFORM**
WELDS CLEANED	X		X	
SIZE, LENGTH, AND LOCATION OF WELDS		X		X
WELDS MEET VISUAL ACCEPTANCE CRITERIA • CRACK PROHIBITION • WELD SIZE • WELD BASE/FUSION • UNDERCUT • CRATER CROSS SECTION • POROSITY • WELD PROFILES		X		X
ARC STRIKES		X		X
k - AREA[a]		X		X
WELD ACCESS HOLES IN ROLLED HEAVY SHAPES AND BUILT-UP HEAVY SHAPES[b]		X		X
BACKING REMOVED AND WELD TABS REMOVED (IF REQUIRED)		X		X
REPAIR ACTIVITIES		X		X
DOCUMENT ACCEPTANCE OR REJECTION OF WELDED JOINT OR MEMBER		X		X
NO PROHIBITED WELDS HAVE BEEN ADDED WITHOUT THE APPROVAL OF THE EOR	X		X	

a. WHEN WELDING OF DOUBLER PLATES, CONTINUITY PLATES, OR STIFFENERS HAS BE PERFORMED IN THE k-AREA, VISUALLY INSPECT THE WEB k-AREA FOR CRACKS WITHIN 3 INCHES OF THE WELD.
b. AFTER ROLLED HEAVY SHAPES (SEE SECTION A3.1c) AND BUILT-UP HEAVY SHAPES (SEE SECTION A3.1d) ARE WELDED, VISUALLY INSPECT THE WELD ACCESS HOLE FOR CRACKS.

WELDING SPECIAL INSPECTION NOTES:
1. OBSERVATION OF WELDING OPERATIONS AND VISUAL INSPECTION OF IN-PROCESS AND COMPLETED WELDS SHALL BE THE PRIMARY METHOD TO CONFIRM THAT THE MATERIALS, PROCEDURES, AND WORKMANSHIP ARE IN CONFORMANCE WITH THE CONSTRUCTION DOCUMENTS.
2. THE THERMALLY CUT SURFACE OF ACCESS HOLES IN HOT-ROLLED SHAPES WITH FLANGE THICKNESSES OR BUILT-UP SHAPES WITH MATERIAL THICKNESSES GREATER THAN 2 INCHES SHALL BE TESTED BY THE SPECIAL INSPECTOR USING MAGNETIC PARTICLE TESTING (MT) OR LIQUID PENETRANT TESTING (PT). ANY CRACKS IN THESE MATERIALS ARE NOT ACCEPTABLE.
3. WELDING IS TO BE PERFORMED IN ACCORDANCE WITH AWS D1.1/D1.1M, EXCEPT AS NOTED IN AISC 360-16, SECTION J2.
4. NONDESTRUCTIVE TESTING OF WELDED JOINTS SHALL BE IN ACCORDANCE WITH AISC 360-16, SECTION N5.5a AND N5.5b.
5. THE RATE OF ULTRASONIC TESTING (UT) MAY BE PERMITTED TO BE REDUCED IF APPROVED BY THE ENGINEER OF RECORD (EOR), THE AUTHORITY HAVING JURISDICTION (AHJ), AND THE REQUIREMENTS OF AISC 360-16, SECTION N5.5e.
   A. FOR RISK CATEGORY II STRUCTURES, THE INITIAL UT RATE IS 10%. THE NDT RATE FOR AN INDIVIDUAL WELDER OR WELDING OPERATOR SHALL BE INCREASED TO 100% WHEN THE REJECTION RATE EXCEEDS 5% OF THE WELDS TESTED FOR THE WELDER OR WELDING OPERATOR. A SAMPLING OF AT LEAST 20 COMPLETED WELDS ON EACH PROJECT MUST BE MADE PRIOR TO IMPLEMENTING A RATE INCREASE IF THE REJECTION RATE FOR THE WELDED OR WELDING OPERATOR FALLS TO 5% OR LESS, BASED ON A SAMPLING OF AT LEAST 40 COMPLETED WELDS, THE RATE OF UT MAY BE DECREASED TO 105.
6. ALL NDT PERFORMED SHALL BE DOCUMENTED. FOR SHOP FABRICATION, THE NDT REPORT SHALL IDENTIFY THE TESTED WELD BY PIECE MARK AND LOCATION IN THE PIECE. FOR FIELD WORK, THE NDT REPORT SHALL IDENTIFY THE TESTED WELD BY LOCATION IN THE STRUCTURE, PIECE MARK, AND LOCATION IN THE PIECE. WHEN A WELD IS REJECTED ON THE BASIS ON NDT, THE NDT RECORD SHALL INDICATE THE LOCATION OF THE DEFECT AND THE BASIS OF REJECTION.

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JONESBORO MUNICIPAL AIRPORT
TERMINAL REPLACEMENT
3921 LINDBERGH DRIVE
JONESBORO, AR 72401

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 15343
JAMES S. BEATTY
10-18-24

CONSTRUCTION DOCUMENTS

PROJECT NO.
2226

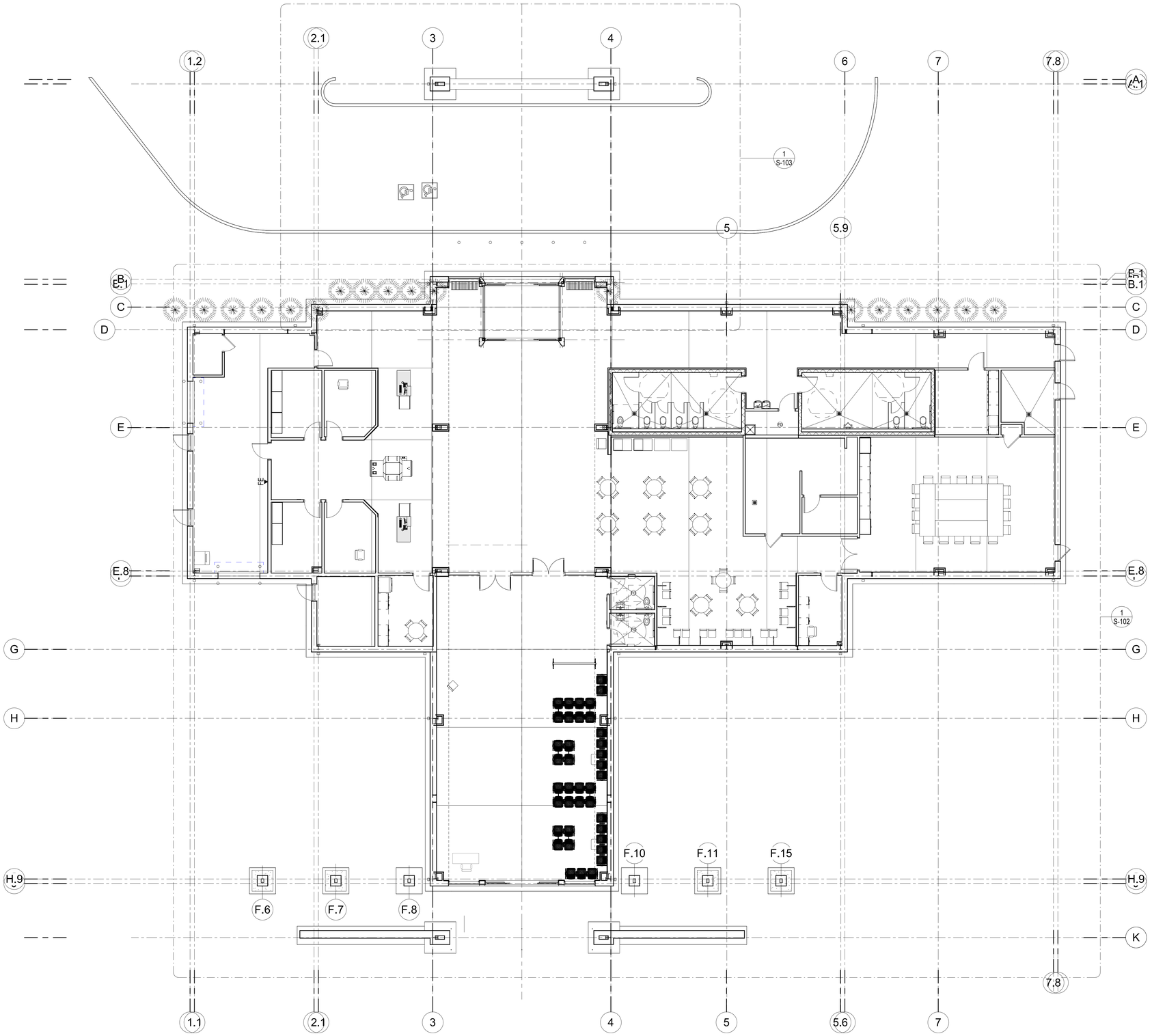
PROJECT NAME
TERMINAL REPLACEMENT

DATE
10-18-24

CONTENTS
SPECIAL INSPECTIONS

SHEET NUMBER
S-004

11/14/2024 10:02:21 AM



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

11/14/2024 10:02:40 AM

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TERMINAL REPLACEMENT
3921 LINDBERGH DRIVE
JONESBORO, AR 72401

ARKANSAS
REGISTERED
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ENGINEER
No.5343
JAMES S. BEATTY
9-18-24

CONSTRUCTION DOCUMENTS

PROJECT NO.
2226

PROJECT NAME
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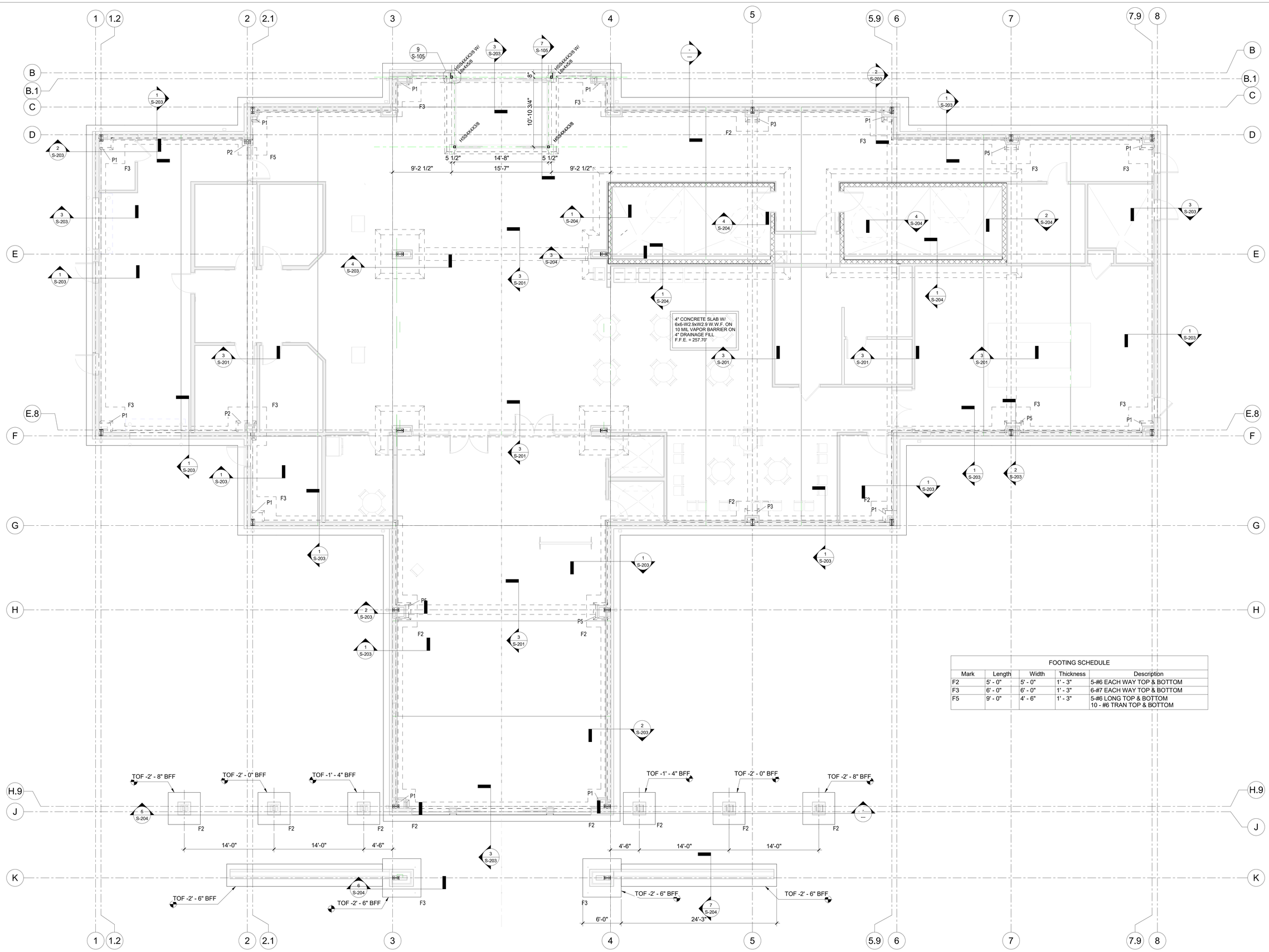
10-18-24

CONTENTS
FOUNDATION PLAN

SHEET NUMBER
S-101



FOOTING SCHEDULE				
Mark	Length	Width	Thickness	Description
F2	5' - 0"	5' - 0"	1' - 3"	5-#6 EACH WAY TOP & BOTTOM
F3	6' - 0"	6' - 0"	1' - 3"	6-#7 EACH WAY TOP & BOTTOM
F5	9' - 0"	4' - 6"	1' - 3"	5-#6 LONG TOP & BOTTOM 10 - #6 TRAN TOP & BOTTOM

1 FOUNDATION PLAN - TERMINAL BUILDING
SCALE: 3/16" = 1'-0"

11/14/2024 10:02:42 AM

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JONESBORO MUNICIPAL AIRPORT TERMINAL REPLACEMENT

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JONESBORO, AR 72401

ARKANSAS REGISTERED PROFESSIONAL ENGINEER No.13543 JAMES S. BEATTY
10-18-24

CONSTRUCTION DOCUMENTS

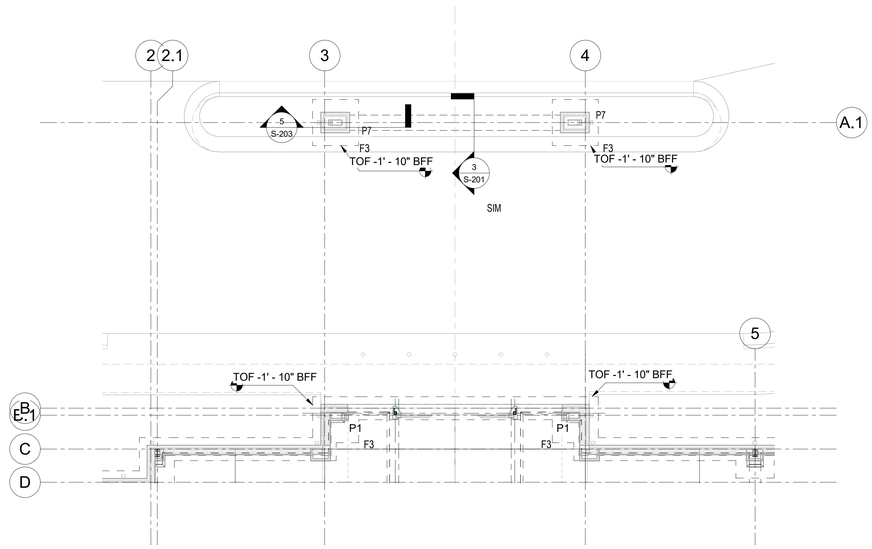
PROJECT NO.
2226

PROJECT NAME
TERMINAL REPLACEMENT

DATE
10-18-24

CONTENTS
ENLARGED PLAN-TERMINAL

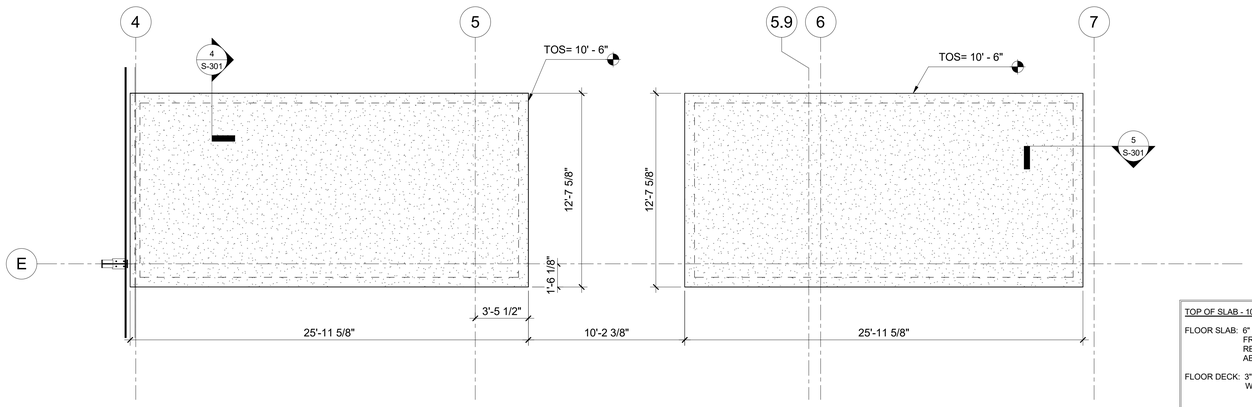
SHEET NUMBER
S-102



1 FOUNDATION PLAN - DRIVE-THRU CANOPY

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

FOOTING SCHEDULE				
Mark	Length	Width	Thickness	Description
F2	5' - 0"	5' - 0"	1' - 3"	5-#6 EACH WAY TOP & BOTTOM
F3	6' - 0"	6' - 0"	1' - 3"	6-#7 EACH WAY TOP & BOTTOM
F5	9' - 0"	4' - 6"	1' - 3"	5-#6 LONG TOP & BOTTOM 10 - #6 TRAN TOP & BOTTOM



TOP OF SLAB - 10'-6" AFF

FLOOR SLAB: 6" NORMAL WEIGHT CONCRETE MEASURED FROM BOTTOM OF DECK. REINF W/ #4 @ 12" CENTERED IN CONCRETE ABOVE DECK FLUTES.

FLOOR DECK: 3" 16 GA GALV COMPOSITE FLOOR DECK WITH THE FOLLOWING MIN PROPERTIES
THICKNESS = 0.0598"
I_P = 1.582 IN⁴ /FT
S_P = 1.013 IN³ /FT
I_N = 1.582 IN⁴/FT
S_N = 1.013 IN³ /FT
Fy = 50 KSI

3 SHELTER PLAN

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

11/14/2024 10:02:43 AM

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ARKANSAS
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CHRIS S. BEATY
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2226

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TERMINAL REPLACEMENT

DATE
10-18-24

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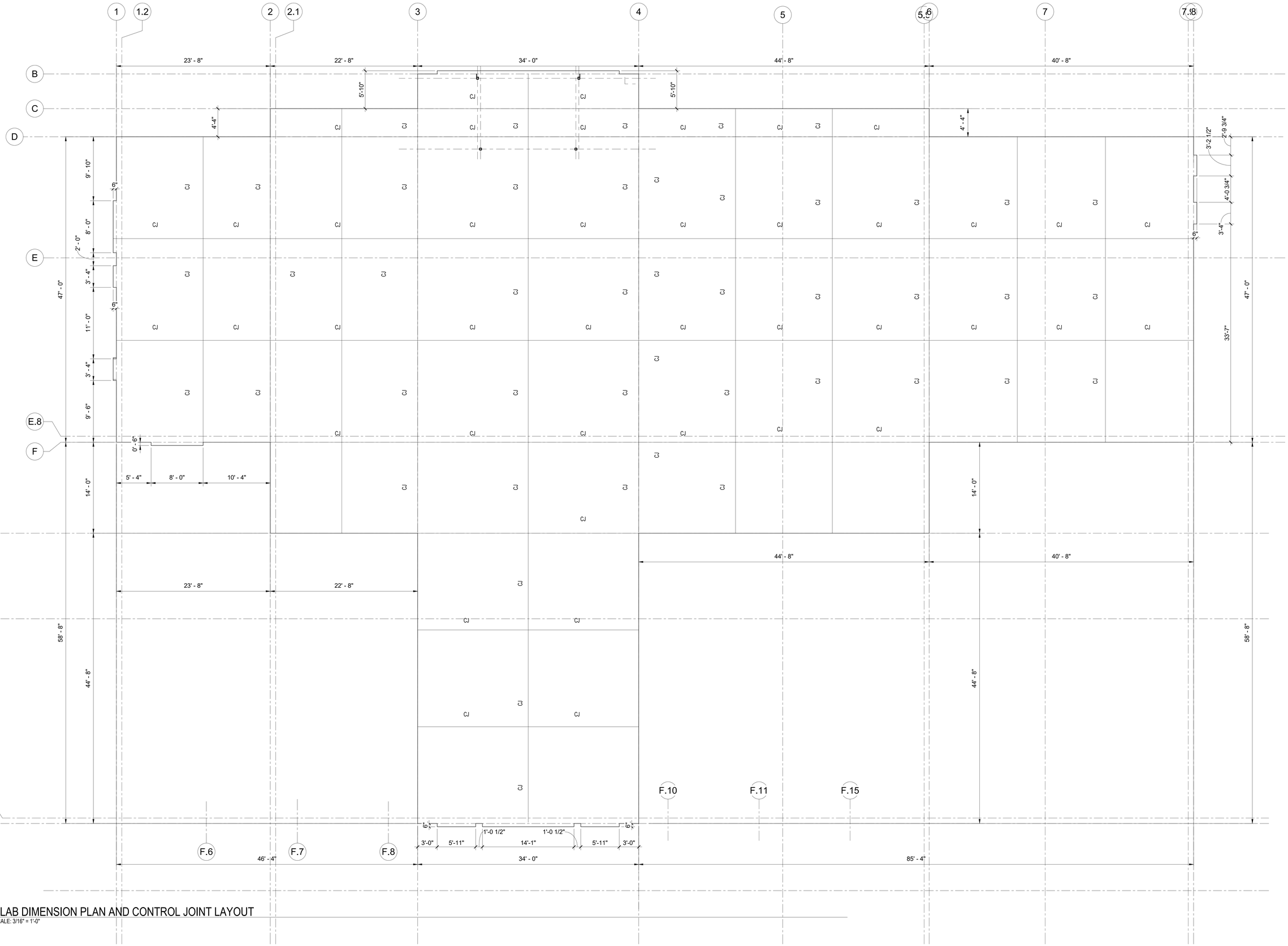
ENLARGED PLANS

SHEET NUMBER
S-103



1 SLAB DIMENSION PLAN AND CONTROL JOINT LAYOUT
SCALE: 3/16" = 1'-0"

11/14/2024 10:02:43 AM

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ARKANSAS REGISTERED PROFESSIONAL ENGINEER JAMES S. BEATTY No.15343
10-18-24

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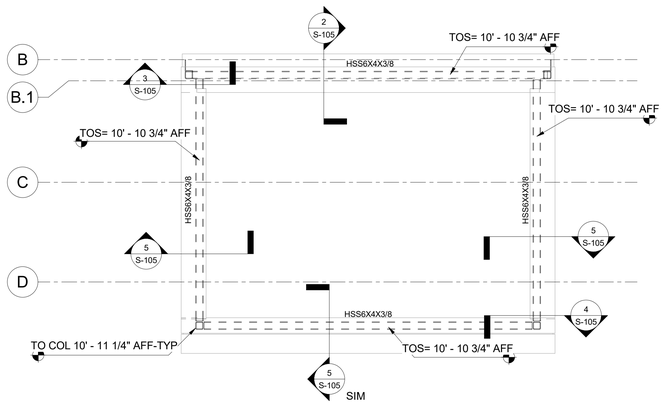
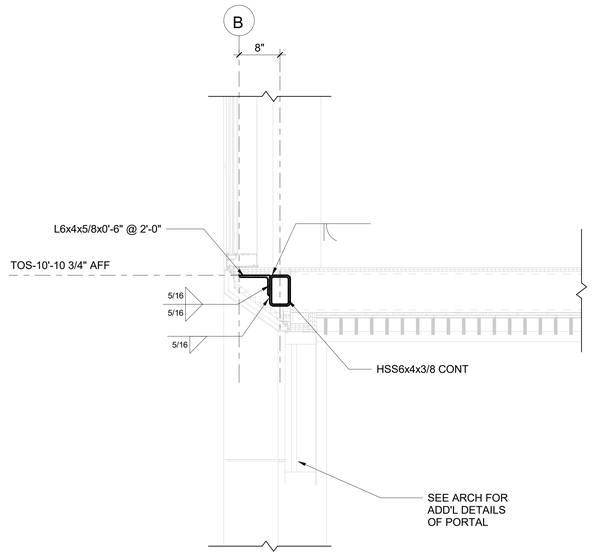
SLAB DIMENSION PLAN AND CONTROL JOINT LAYOUT

SHEET NUMBER
S-104



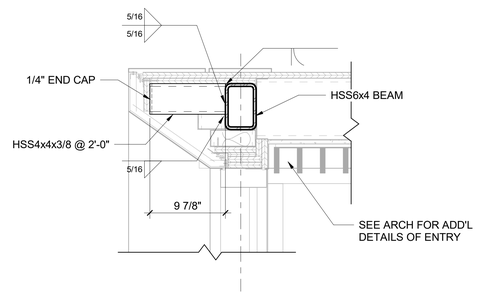
1 ENTRY FRAMING
SCALE: 3/8" = 1'-0"



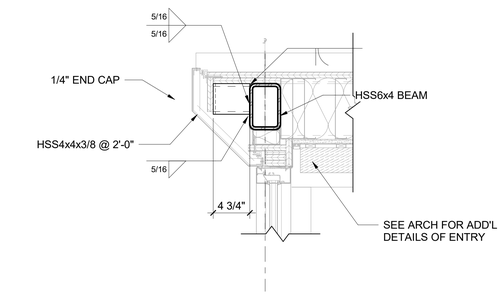
2 PORTAL ENTRY
SCALE: 1" = 1'-0"

3 ENTRY FRAMING -COLUMN AND OFFSET BEAM CONNECTION
SCALE: 1" = 1'-0"

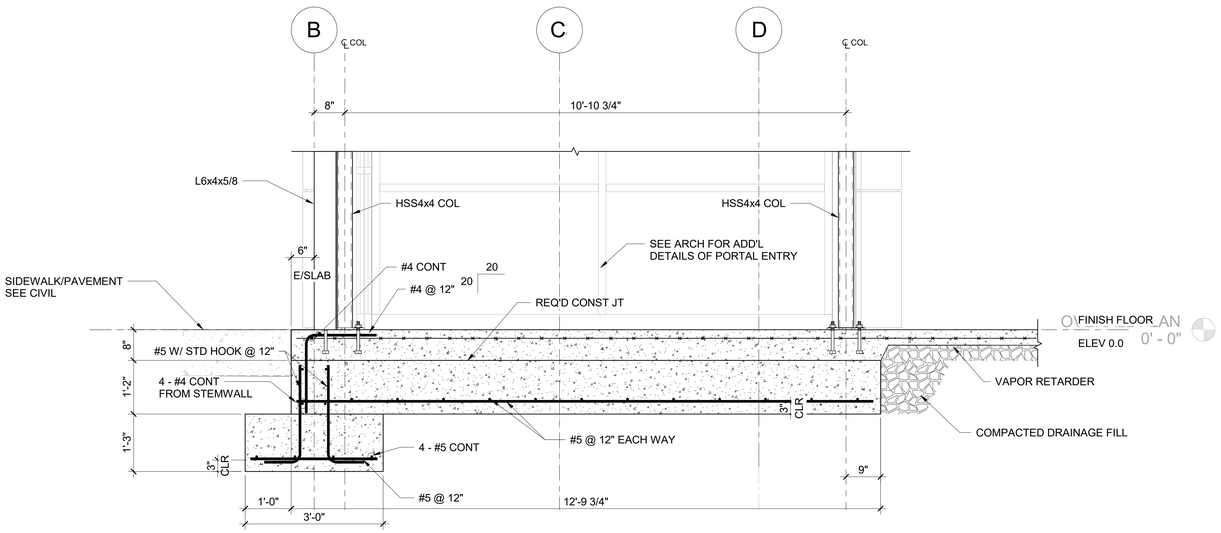
4 ENTRY FRAMING - COLUMN AND BEAM CONNECTION
SCALE: 1" = 1'-0"



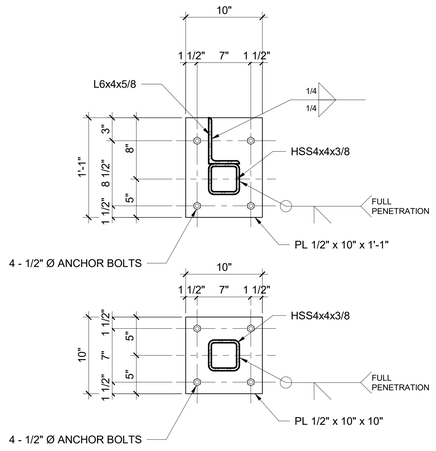
5 ENTRY FRAMING - REAR HEAD
SCALE: 1 1/2" = 1'-0"



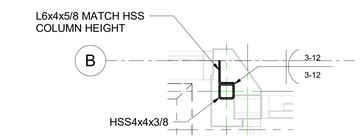
6 ENTRY FRAMING - SIDE HEAD
SCALE: 1 1/2" = 1'-0"



7 FOUNDATION SECTION THRU ENTRY PORTAL
SCALE: 3/4" = 1'-0"



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



9 ENTRY PORTAL COLUMN DETAIL
SCALE: 3/4" = 1'-0"

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ARKANSAS
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JAMES S. BEATTY
10-18-24

CONSTRUCTION DOCUMENTS

PROJECT NO.
2226

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DATE
10-18-24

CONTENTS
ENTRY PORTAL DETAILS

SHEET NUMBER
S-105

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CONCRETE DEVELOPMENT AND SPLICE

LAP SPLICE LENGTHS (INCHES)

BAR SIZE	TENSION (CLASS B SPLICE)						COMPRESSION
	f'c=3000 psi		f'c=4000 psi		f'c=5000 psi		3000, 4000 & 5000 psi
	TOP	OTHER	TOP	OTHER	TOP	OTHER	
3	28	22	24	19	22	17	12
4	37	29	32	25	29	22	15
5	47	36	40	31	36	28	19
6	56	43	48	37	43	33	23
7	81	63	70	54	63	49	27
8	93	72	80	62	72	55	30

DEVELOPMENT LENGTHS (INCHES)

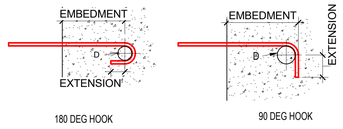
BAR SIZE	STRAIGHT DOWEL DEVELOPMENT LENGTHS						COMPRESSION
	f'c=3000 psi		f'c=4000 psi		f'c=5000 psi		3000, 4000 & 5000 psi
	TOP	OTHER	TOP	OTHER	TOP	OTHER	
3	22	17	19	15	17	13	9
4	29	22	25	19	22	17	11
5	36	28	31	24	28	22	14
6	43	33	37	29	33	26	17
7	63	48	54	42	49	37	20
8	72	55	62	47	55	42	22

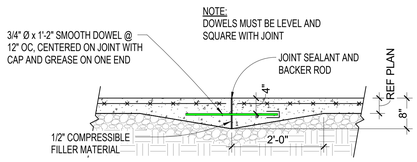
NOTES:
1. TOP BARS ARE HORIZONTAL REINFORCEMENT PLACED SO THAT MORE THAN 12" OF FRESH CONCRETE IS CAST BELOW THE REINFORCEMENT.
2. LAP SPLICE LENGTHS ARE BASED ON BARS SPACED AT 4 BAR DIAMETERS OR MORE ON CENTER. NOTIFY ENGINEER IF SPACING IS LESS THAN 4 BAR DIAMETERS.

HOOKED DOWEL DEVELOPMENT LENGTHS IN TENSION (INCHES)

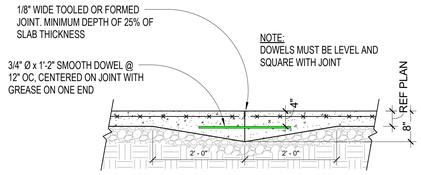
BAR SIZE	EMBEDMENT			EXTENSION		
	3000 PSI CONCRETE	4000 PSI CONCRETE	5000 PSI CONCRETE	90 DEG HOOK	180 DEG HOOK	MINIMUM DIA OF BEND "D" (IN)
#3	6	6	6	4.5	2.5	2.25
#4	8	7	7	6.0	2.5	3.00
#5	10	8	8	7.5	2.5	3.75
#6	12	10	10	9.0	3.0	4.50
#7	13	12	10	10.5	3.5	5.25
#8	15	13	12	12.0	4.0	6.00
#9	17	15	13	13.5	4.5	9.02
#10	19	17	15	15.2	5.1	10.16
#11	22	19	16	16.9	5.6	11.28

NOTES:
1. DEVELOPMENT LENGTH IS BASED ON 2 1/2" MINIMUM SIDE COVER AND 2" MINIMUM END COVER

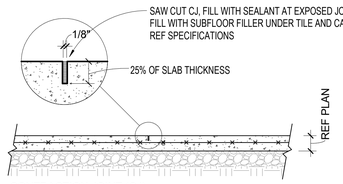




EXPANSION JOINT (EXP JOINT)

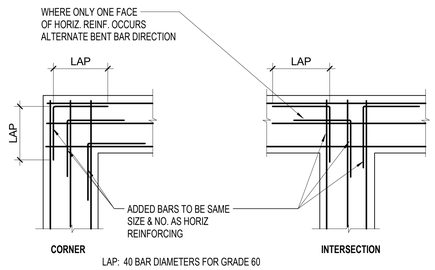


CONSTRUCTION JOINT (CONST JOINT)



CONTRACTION JOINT (CJ)

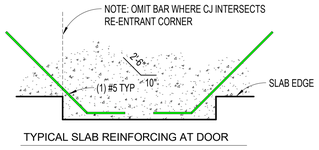
1 CONCRETE SLAB JOINTS
SCALE: 3/4" = 1'-0"



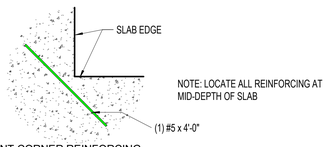
LAP: 40 BAR DIAMETERS FOR GRADE 60

THIS DETAIL TYPICAL FOR: CONCRETE WALLS
CONT. FOOTINGS
CMU WALLS

2 TYP. CORNER BAR DETAIL
SCALE: 3/4" = 1'-0"

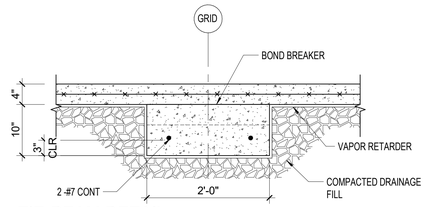


TYPICAL SLAB REINFORCING AT DOOR

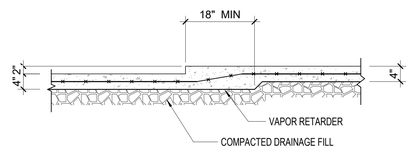


RE-ENTRANT CORNER REINFORCING

6 TYPICAL CONCRETE REINFORCING
SCALE: 3/4" = 1'-0"

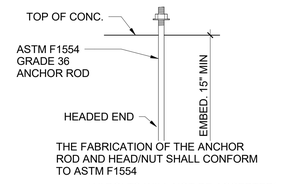


3 TIE-BEAM DETAIL
SCALE: 1" = 1'-0"



NOTE: SEE ARCH & MECH FOR LOCATION OF SLAB RECESSES

7 SLAB RECESS
SCALE: 3/4" = 1'-0"



THE FABRICATION OF THE ANCHOR ROD AND HEAD/NUT SHALL CONFORM TO ASTM F1554

'J' BOLTS WILL NOT BE ACCEPTED

4 TYP. ANCHOR BOLT
SCALE: 1 1/2" = 1'-0"

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10-18-24

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CONCRETE DETAILS

SHEET NUMBER
S-201

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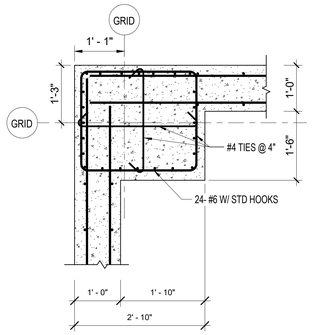
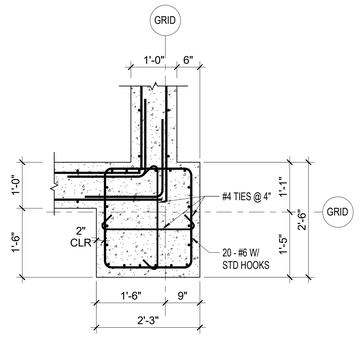
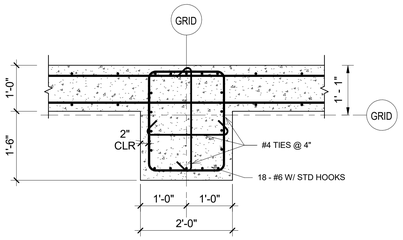


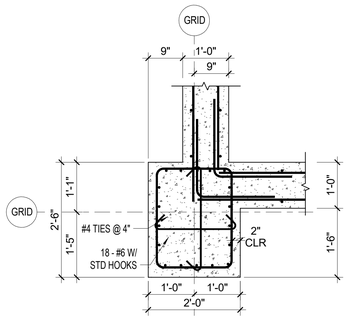
PEDESTAL P1



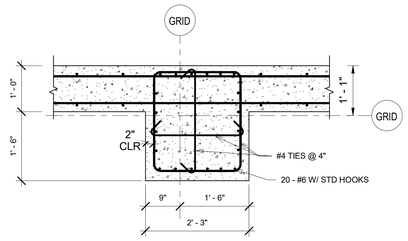
PEDESTAL P2



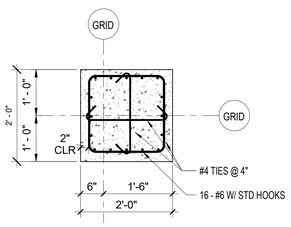
PEDESTAL P3



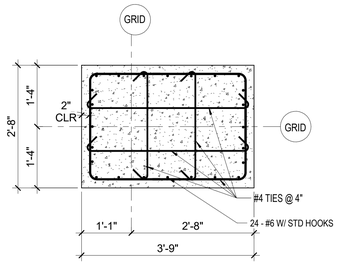
PEDESTAL P4



PEDESTAL P5



PEDESTAL P6



PEDESTAL P7

1 PEDESTAL DETAILS

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

11/14/2024 10:02:45 AM

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10-18-24

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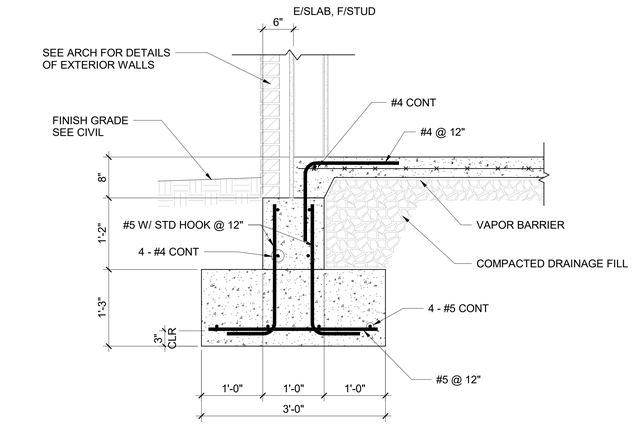
SHEET NUMBER
S-202



1 FOUNDATION SECTION @ CONT FOOTING
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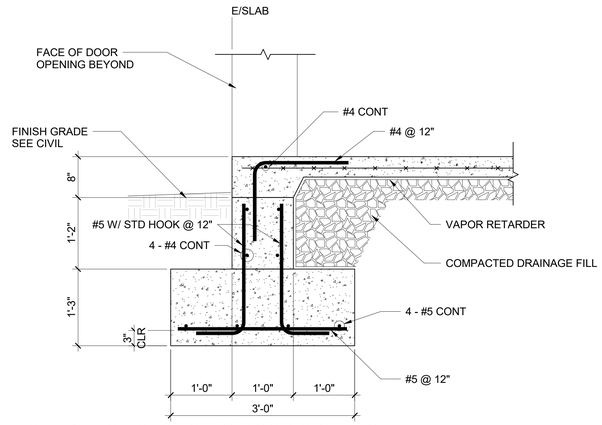

3 FOUNDATION SECTION @ DOOR OPENING
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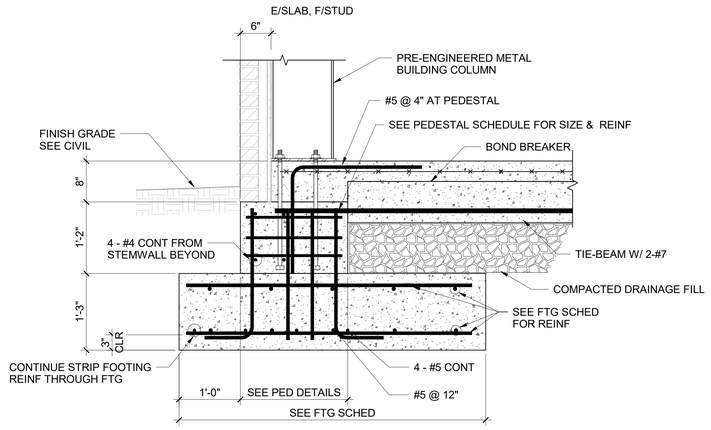

2 FOUNDATION SECTION @ EXTERIOR COLUMN
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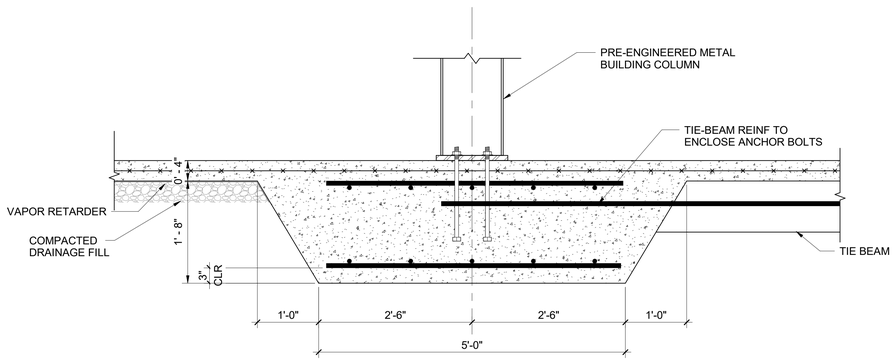

4 FOUNDATION SECTION @ INTERIOR COLUMN
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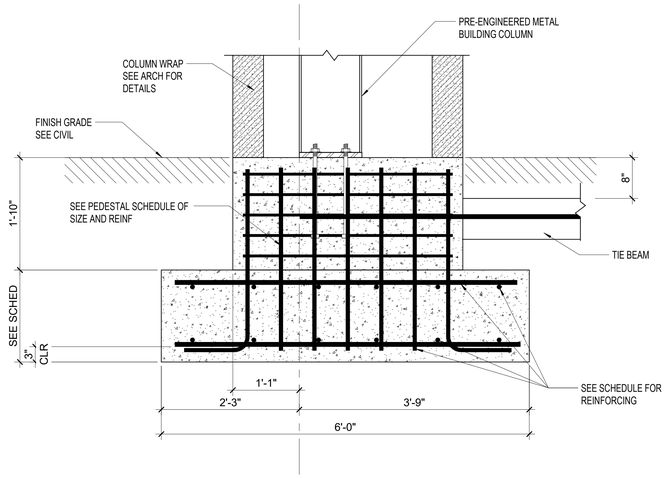

5 FOUNDATION SECTION @ CANOPY COLUMN
SCALE: 1" = 1'-0"

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JONESBORO MUNICIPAL AIRPORT TERMINAL REPLACEMENT

3921 LINDBERGH DRIVE
JONESBORO, AR 72401

ARKANSAS REGISTERED PROFESSIONAL ENGINEER
No. 5343
CHRIS S. BEATY
10-18-24

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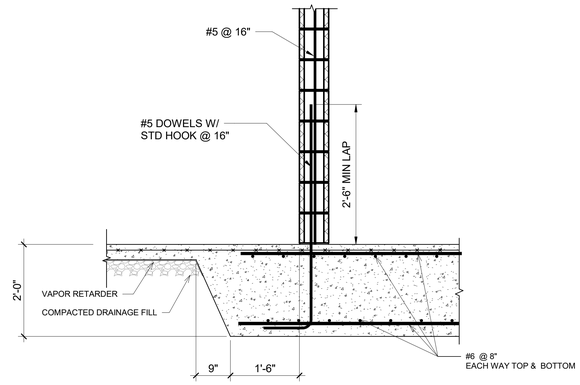
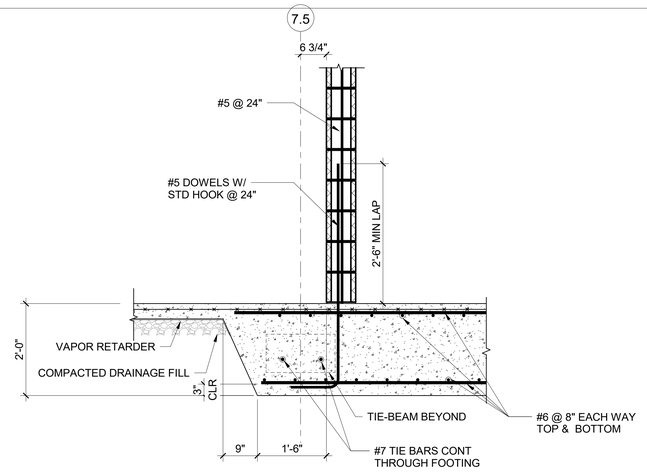
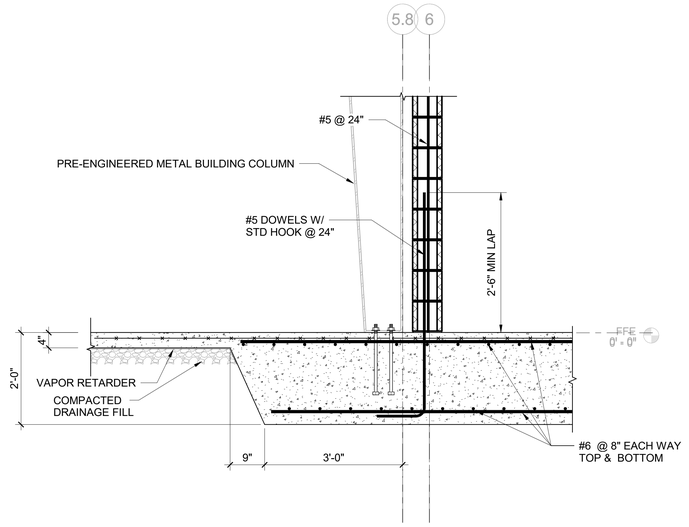


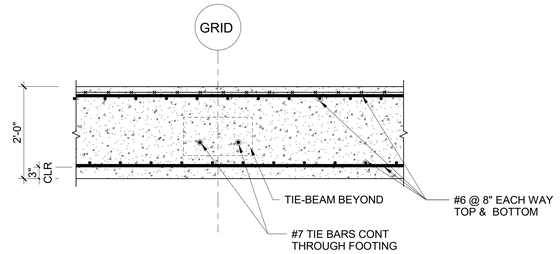
1 TYPICAL FOUNDATION SECTION @ SHELTER WALL
SCALE: 3/4" = 1'-0"



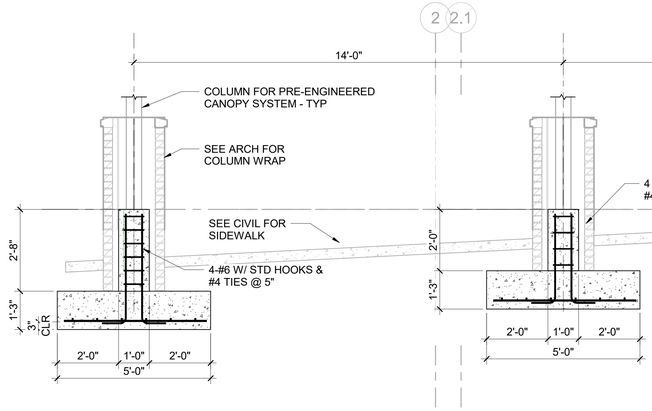
2 FOUNDATION SECTION @ SHELTER WALL/GRID 7.5
SCALE: 3/4" = 1'-0"



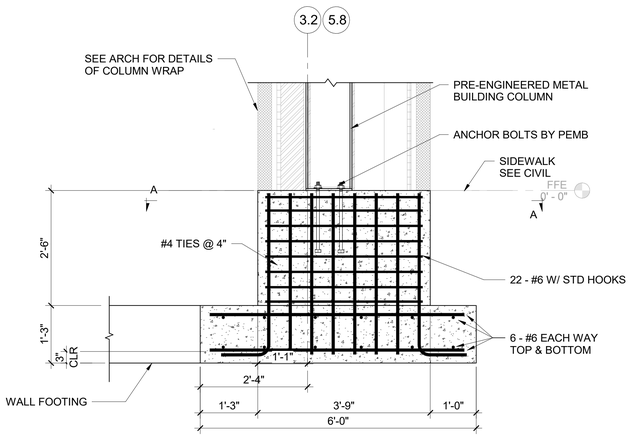
3 FOUNDATION SECTION @ SHELTER WALL/PEMB COLUMN
SCALE: 3/4" = 1'-0"



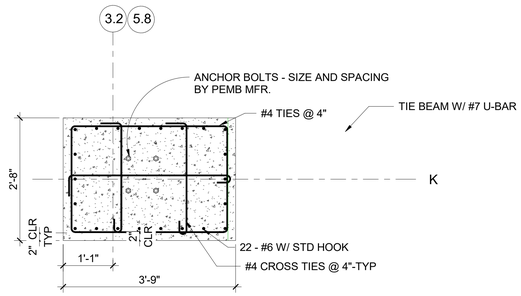
4 FOUNDATION DETAIL AT SHELTER W/ TIE-BEAM REINF
SCALE: 3/4" = 1'-0"



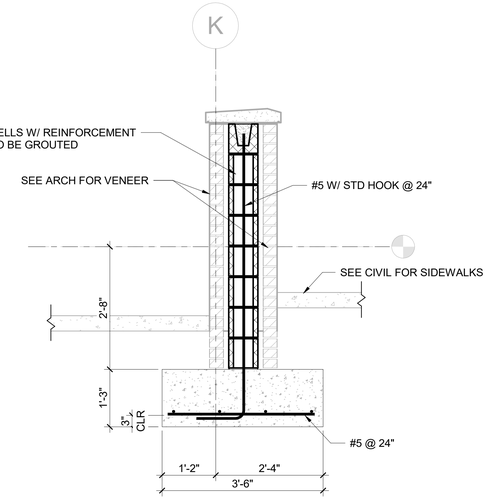
5 FOUNDATION SECTION @ CANOPY
SCALE: 1/2" = 1'-0"



6 FOUNDATION SECTION @ BOARDING CANOPY
SCALE: 3/4" = 1'-0"



SECTION A - A



7 FOUNDATION SECTION @ SITE WALL
SCALE: 3/4" = 1'-0"

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PROFESSIONAL
ENGINEER
No.5343
JAMES S. BEATTY
10-18-24

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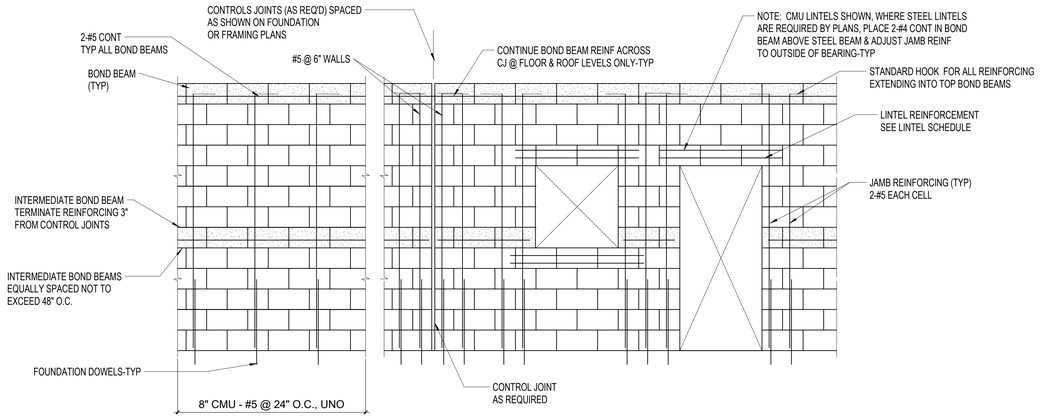
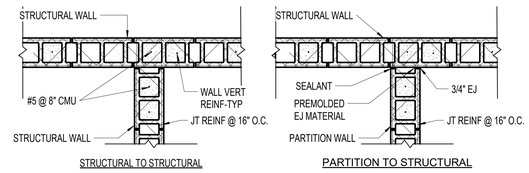


NOTE: SEE ARCH FOR ADDITIONAL DETAILS AT WINDOW SILL

1 CMU WALL ELEVATION
SCALE: 3/4" = 1'-0"



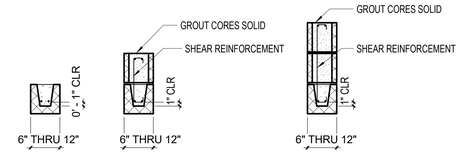
NOTES

1. STRUCTURAL WALLS ARE LOAD BEARING WALLS OR SHEAR WALLS. SEE FLOOR PLAN FOR LOCATION.
2. DO NOT EXTEND BOND BM REINF FROM PARTITION INTO SHEARWALL

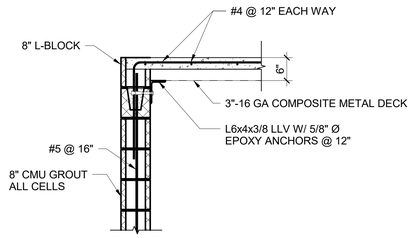
2 DETAIL-TYP CMU WALL INTERSECTIONS
SCALE: 3/4" = 1'-0"

REINFORCED MASONRY LINTEL SCHEDULE

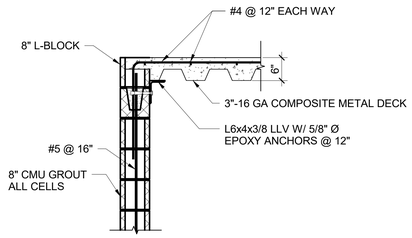
CLEAR SPAN	NOMINAL DEPTH	REINFORCEMENT	SHEAR REINF
0'-0" THRU 4'-0"	8"	2-#4	NA
OVER 4'-0" TO 6'-8"	8"	2-#5	NA
OVER 6'-8" TO 10'-0"	16"	2-#5 T & B	#3 @ 16" O.C.
OVER 10'-0" TO 12'-0"	16"	2-#6 T & B	#3 @ 16" O.C.
OVER 12'-0" TO 16'-0"	24"	2-#7 T & B	#3 @ 12" O.C.



NOTES:
1. SEE ARCH FOR SPECIFIC LOCATION & CLEAR SPAN.
2. LINTELS SHALL SPAN CONT BETWEEN BEARINGS EACH SIDE.
3. PROVIDE 8"(MIIN) BEARING FOR CLEAR SPAN 8'-0" OR LESS, 16"(MIN) BEARING FOR CLEAR SPAN GREATER THAN 8'-0".
4. EXTEND BOTTOM REINF TO END OF BEARING EACH SIDE - EXTEND TOP REINF WHERE POSSIBLE - BASIC DEVELOPMENT LENGTH - TERMINATE TOP REINF W/ STD HOOK AT CONTROL JOINTS OR FREE EDGES.
5. PROVIDE SOLID GROUTED OR SOLID MASONRY JAMB UNDER LINTEL EACH SIDE OF OPENING FOR CLEAR SPAN GREATER THAN 6'-0".



4 SHELTER TOP PLAN - BEARING WALL
SCALE: 3/4" = 1'-0"



5 SHELTER TOP PLAN -END WALL
SCALE: 3/4" = 1'-0"

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ARKANSAS REGISTERED PROFESSIONAL ENGINEER No.5343 JAMES S. BEATY
10-18-24

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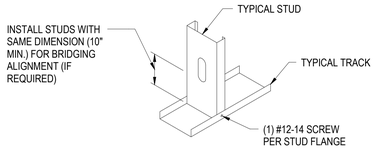
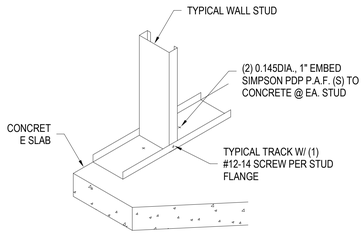


1 STUD BASE DETAIL
SCALE:NOT TO SCALE



2 STUD CONN. DETAIL
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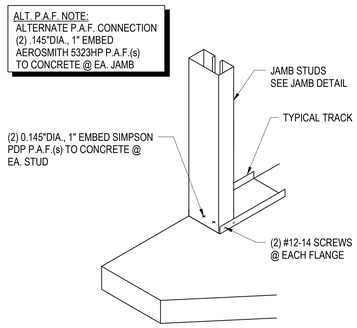
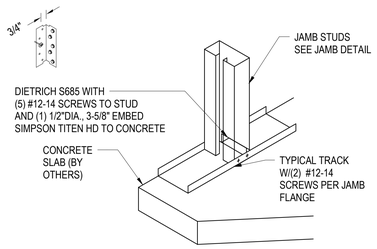
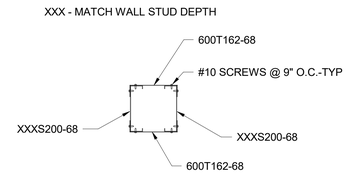


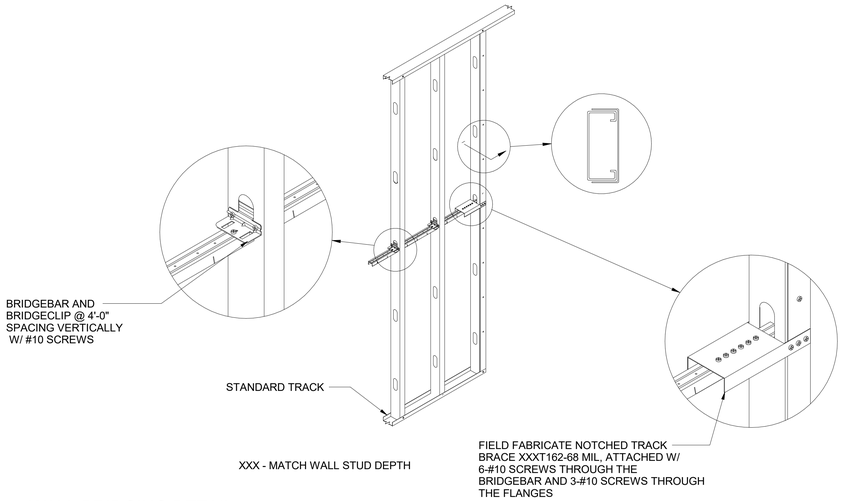
3 JAMB CONNECTION
SCALE:NOT TO SCALE



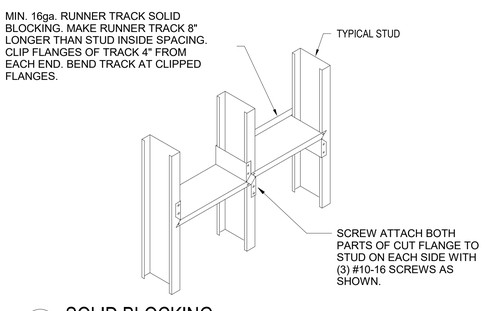
4 JAMB CONNECTION
SCALE:NOT TO SCALE



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



7 WALL BRIDGING DETAIL
SCALE: 3/8" = 1'-0"



5 SOLID BLOCKING
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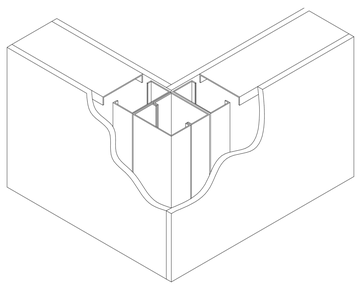
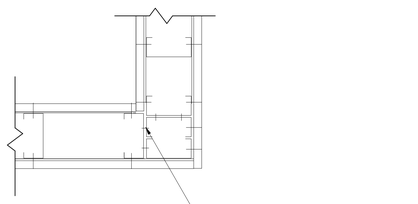


ISOMETRIC VIEW



PLAN

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

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STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 5343
JAMES S. BEATTY
10-18-24

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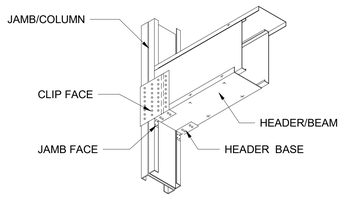
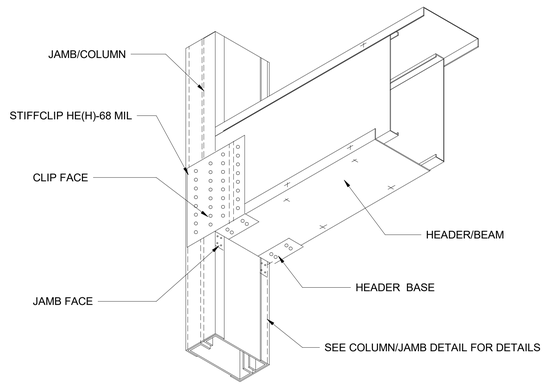
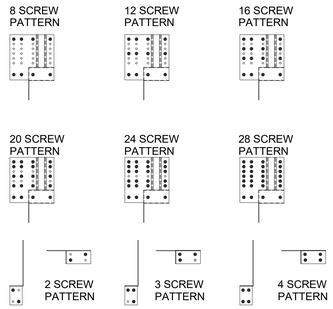


1 HEADER ATTACHMENT DETAIL
SCALE: 3/4" = 1'-0"

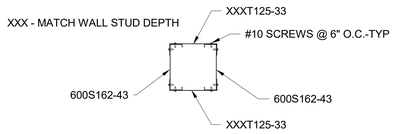




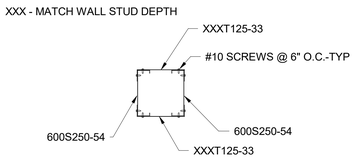
2 HEADER FASTENER PATTERNS
SCALE: 1 1/2" = 1'-0"

HEADER CONNECTION SCHEDULE (EACH END-PER FACE)

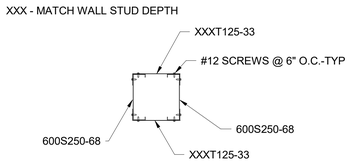
BEAM/HEADER	OPENING WIDTH	CLIP FACE	COLUMN/JAMB FACE	HEADER BASE
LGH1	< 5'-4"	12-#10 SCREWS	2-#10 SCREWS	2-#10 SCREWS
LGH2	5'-5" THRU 7'-4"	20-#10 SCREWS	2-#10 SCREWS	2-#10 SCREWS
LGH3	7'-5" THRU 8'-8"	12-#10 SCREWS	2-#10 SCREWS	2-#10 SCREWS
LGH4	8'-9" THRU 9'-4"	12-#10 SCREWS	2-#10 SCREWS	2-#10 SCREWS
LGH5	9'-5" THRU 10'-0"	16-#10 SCREWS	2-#10 SCREWS	2-#10 SCREWS
LGH6	10'-1" THRU 14'-8"	16-#10 SCREWS	2-#10 SCREWS	2-#10 SCREWS



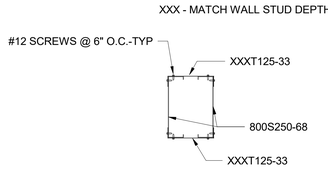
3 HEADER LGH1
SCALE: 1 1/2" = 1'-0"



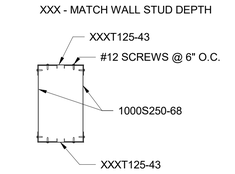
4 HEADER LGH2
SCALE: 1 1/2" = 1'-0"



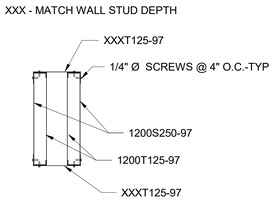
5 HEADER LGH3
SCALE: 1 1/2" = 1'-0"



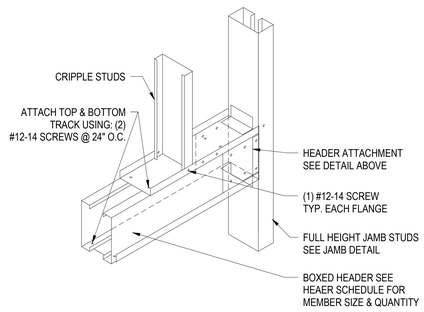
6 HEADER LGH4
SCALE: 1 1/2" = 1'-0"



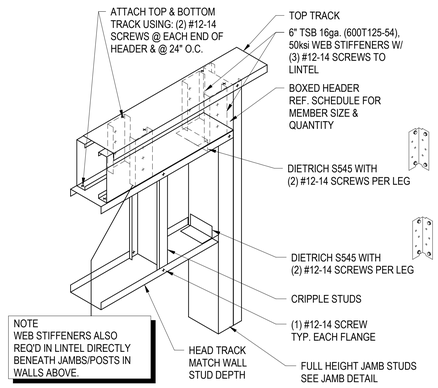
7 HEADER LGH5
SCALE: 1 1/2" = 1'-0"



8 HEADER LGH6
SCALE: 1 1/2" = 1'-0"



10 BOXED HEADER CONNECTION
SCALE:NOT TO SCALE



11 BOXED LINTEL CONNECTION
SCALE:NOT TO SCALE

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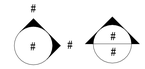
SYMBOLS

VIEW CALLOUT



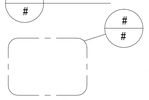
ELEVATIONS


BUILDING SECTION


WALL SECTION


INTERIOR SECTION


DETAIL SECTION


CALLOUT PLAN, SECTION OR DETAIL


COLUMN GRID LABEL - NEW

COLUMN GRID LABEL - EXISTING


REVISION

ROOM TAG

PARTITION TYPE


DOOR TAG - SEE SCHEDULE

KEYNOTE


WINDOW TYPE


TOILET ROOM ACCESSORIES


ELEVATION MARK


DENOTES ABOVE, BELOW, OR BEHIND


ACCESSIBLE TOILET STALL


RECYCLING COLLECTION AREA

NORTH ARROW

CENTER LINE

FLOOR TRANSITION

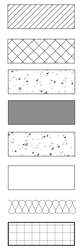
ROOF SLOPE ARROW

LEVEL LINE

SPOT ELEVATION

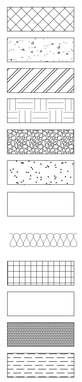
4 Arch - Graphic Symbols Legend
1/2" = 1'-0"

PLANS / PLAN DETAIL GRAPHICS



1 Arch - Plans / Plan Detail Graphics
3/4" = 1'-0"

SECTIONS/ SECTIONAL DETAILS



2 Arch - Graphic Conventions Legend
3/4" = 1'-0"

PLANS/ PLAN FIRE RATED GRAPHICS

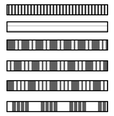


ABB	DESCRIPTION
_____ A _____	
#	POUND OR NUMBER
&	AND
<	ANGLE
@	AT
AA	ANODIZED ALUMINUM
ABV	ABOVE
ACT	ACOUSTIC CEILING TILE
ACT	ACOUSTIC CEILING TILE
ADDL	ADDITIONAL
ADJ	ADJACENT, ADJUSTABLE
AED	AUTOMATED EXTERNAL DEFIBRILLATOR
AFF	ABOVE FINISHED FLOOR
ALUM	ALUMINUM
ANOD	ANODIZED
AP	ACCESS PANEL
APPROX	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

ABB	DESCRIPTION
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 _____	
GA	GAUGE
GL	GLASS OR GLAZING
GPM	GALLONS PER MINUTE
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
PL	PLATE
PLAM	PLASTIC LAMINATE
PLAS	PLASTER
PLYWD	PLYWOOD
PNL	PANEL
POS	POINT OF SALE
PR	PAIR
PRCST	PRECAST
PREFAB	PREFABRICATED

ABB	DESCRIPTION
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
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
SSMR	STANDING SEAM METAL ROOF
SSTL	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

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 NO DEVIATIONS FROM THESE CONTRACT DOCUMENTS SHALL BE MADE WITHOUT THE PRIOR WRITTEN APPROVAL OF THE ARCHITECT
4 DO NOT SCALE DIMENSIONS FROM DRAWINGS - THE CONTRACTOR SHALL REQUEST NECESSARY DIMENSIONS NOT SHOWN ON THE DRAWINGS FROM THE ARCHITECT
5 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.
6 DETAILS SHOWN ON DRAWINGS ARE TYPICAL FOR ALL SIMILAR CONDITIONS.
7 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
8 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
9 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
10 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
11 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
12 MECHANICAL, PLUMBING AND ELECTRICAL WORK RELATED TO DEMOLITION AND NEW INSTALLATION OF COMPONENTS SHALL COMPLY WITH ALL APPLICABLE CODES
13 ALL MATERIALS, FABRICATION AND INSTALLATION SHALL COMPLY WITH THE APPLICABLE REQUIREMENTS AND SPECIFICATIONS FOR EACH DIVISION OF WORK
14 CONSTRUCTION MUST COMPLY WITH APPLICABLE CODES AND ORDINANCES, LAWS AND SAFETY ORDERS AS DIRECTED BY LOCAL JURISDICTION
15 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
16 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
17 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
18 CONTRACTOR SHALL CLEAN, PATCH AND REPAIR ALL SURFACES DAMAGED BY DEMOLITION, ALTERATION OR INSTALLATION OF THE WORK
19 CONTRACTOR SHALL PREPARE ALL WALLS AND PARTITIONS AS REQUIRED BY THE FINISH MANUFACTURER TO RECEIVE THE FINISHES SPECIFIED
20 CONTRACTOR SHALL PROTECT ALL MONUMENTS, IRON PINS, AND PROPERTY CORNERS DURING CONSTRUCTION
21 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
22 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
23 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
24 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.
25 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
26 CONTRACTOR AND SUBCONTRACTOR SHALL ALL BE LICENSED TO PERFORM THEIR REQUESTED DUTIES AS REQUIRED IN ACCORDANCE WITH LOCAL STANDARDS
27 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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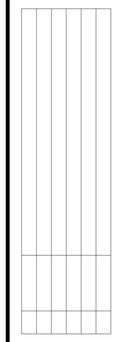
JONESBORO, AR 72401



CONSTRUCTION DOCUMENTS

PROJECT NO.
2226

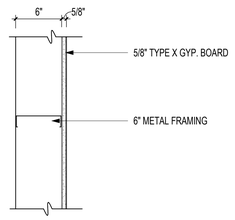
PROJECT NAME
TERMINAL REPLACEMENT

DATE
10/14/2024

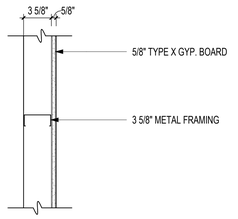
CONTENTS
ARCHITECTURAL GENERAL NOTES, MATERIAL AND ANNOTATION LEGEND

SHEET NUMBER
A-001

3/3/2025 10:25:10 AM



IF4 INTERIOR FURRING PARTITION 4
1 1/2" = 1'-0"



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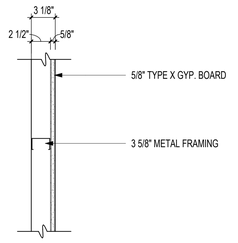

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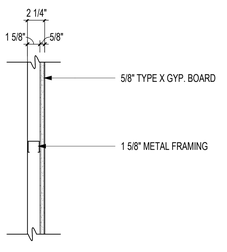
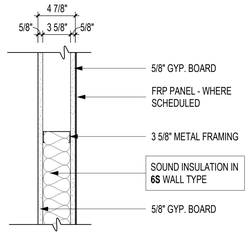
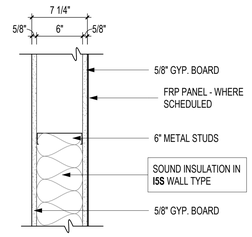
1 1/2" = 1'-0"



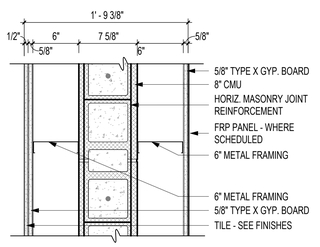
IF1 INTERIOR FURRING PARTITION 1
1 1/2" = 1'-0"



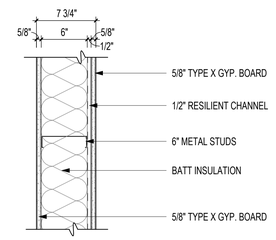
I6 INTERIOR PARTITION 6 & 6S
1 1/2" = 1'-0"



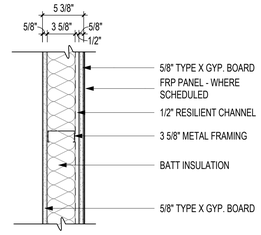
I5 INTERIOR PARTITION 5 & 5S
1 1/2" = 1'-0"



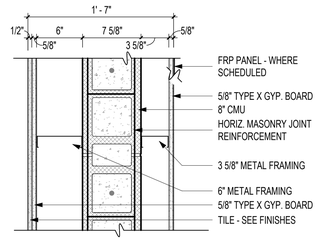
I3 INTERIOR PARTITION 3
1 1/2" = 1'-0"



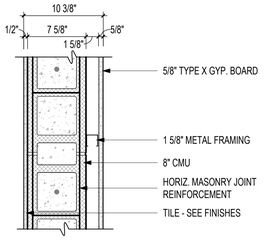
I8 INTERIOR PARTITION 8
1 1/2" = 1'-0"



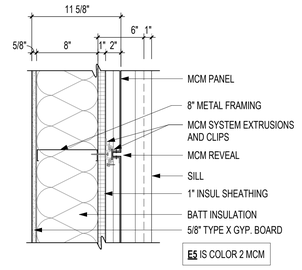
I7 INTERIOR PARTITION 7
1 1/2" = 1'-0"



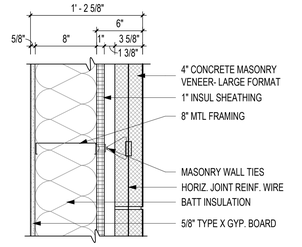
I2 INTERIOR PARTITION 2
1 1/2" = 1'-0"



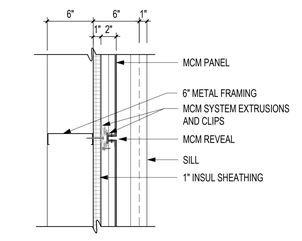
I1 INTERIOR PARTITION 1
1 1/2" = 1'-0"



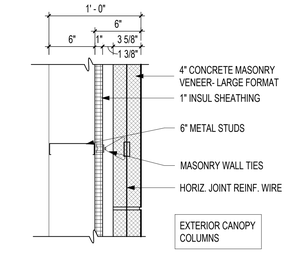
E4 EXTERIOR WALL TYPE 4
1 1/2" = 1'-0"



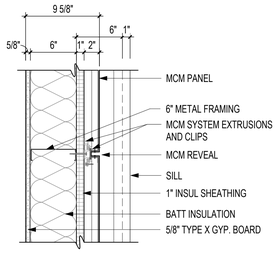
E3 EXTERIOR WALL TYPE 3
1 1/2" = 1'-0"



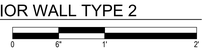
E2C EXTERIOR WALL TYPE 2C
1 1/2" = 1'-0"



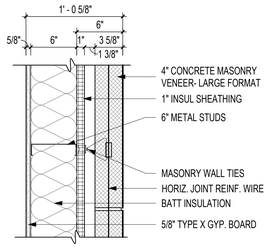
E1C EXTERIOR WALL TYPE 1C
1 1/2" = 1'-0"



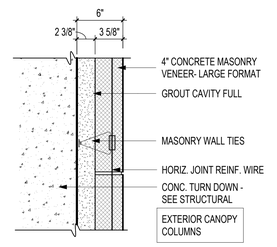
E2 EXTERIOR WALL TYPE 2
1 1/2" = 1'-0"



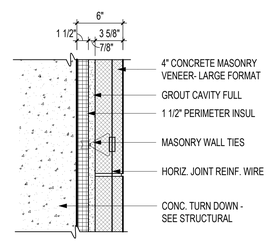
SCALE : 1-1/2" = 1'-0"



E1 EXTERIOR WALL TYPE 1
1 1/2" = 1'-0"



F2 FOUNDATION WALL TYPE 2
1 1/2" = 1'-0"



F1 FOUNDATION WALL TYPE 1
1 1/2" = 1'-0"

3/3/2025 10:25:13 AM

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COOPER MIXON ARCHITECTS PLLC
LL237
REGISTERED ARCHITECT
STATE OF ARKANSAS
10/14/2024

CONSTRUCTION DOCUMENTS

PROJECT NO.
2226

PROJECT NAME
TERMINAL REPLACEMENT

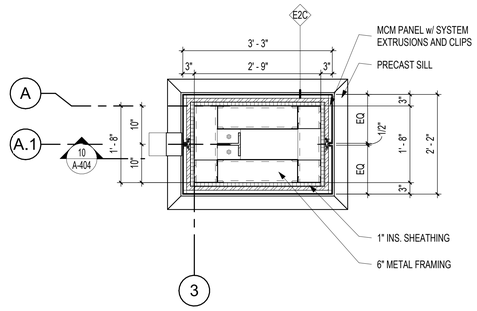
DATE
10/14/2024

CONTENTS
PARTITION TYPES AND RATED ASSEMBLIES

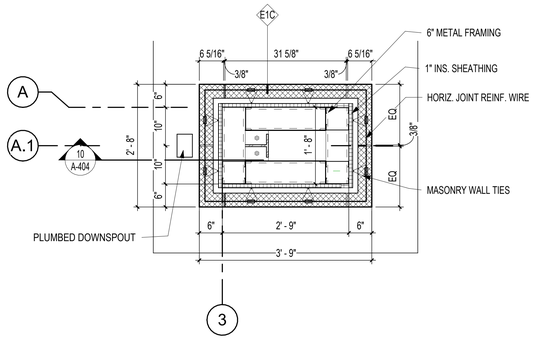
SHEET NUMBER
A-002

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-002 FOR PARTITION TYPES
4 REFER TO SHEET A-141 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

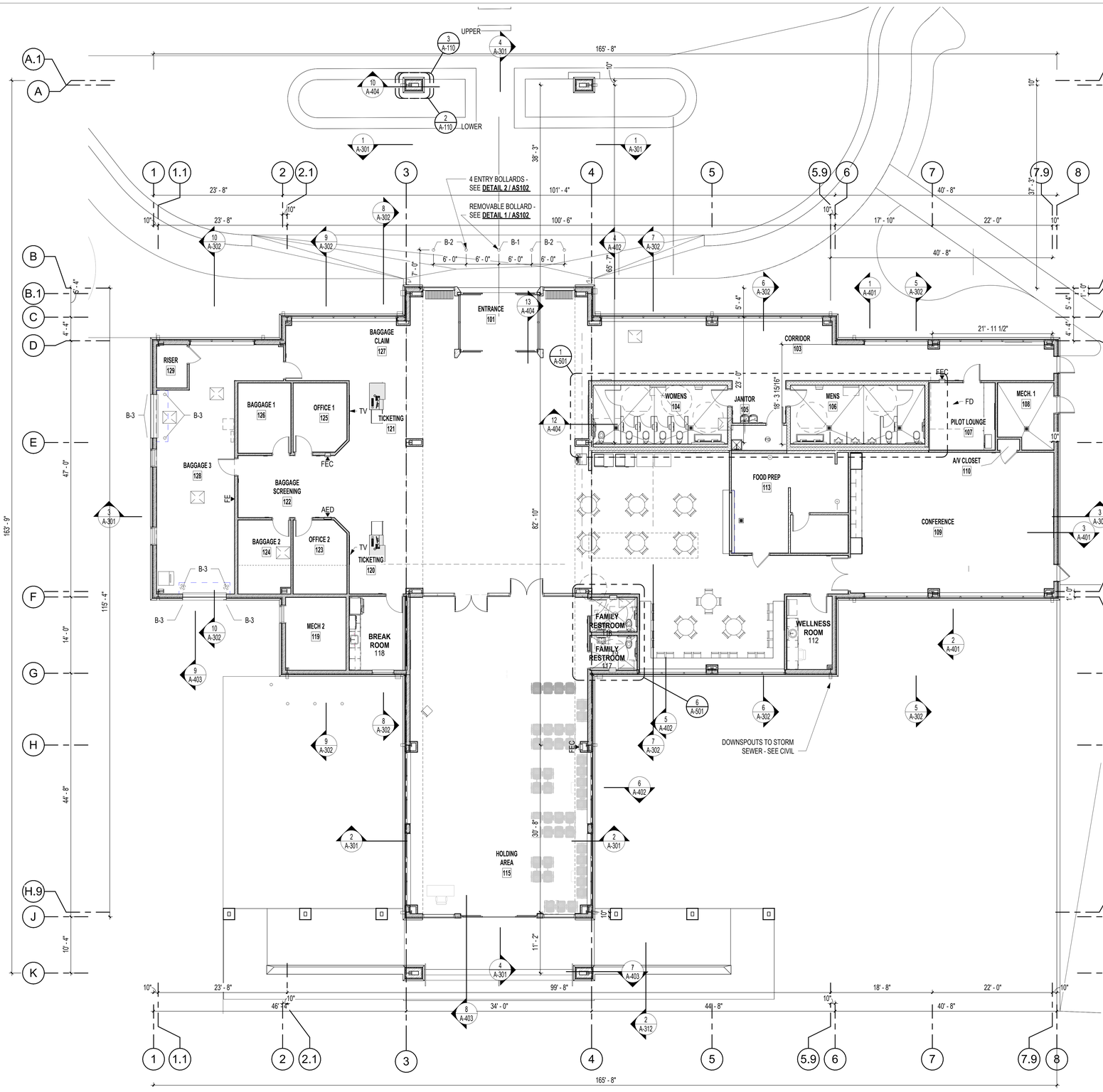


3 UPPER ENTRY CANOPY COLUMN
3/4" = 1'-0"



2 LOWER ENTRY CANOPY COLUMN
3/4" = 1'-0"

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



1 OVERALL FLOOR PLAN
1/8" = 1'-0"

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

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JONESBORO MUNICIPAL AIRPORT
TERMINAL REPLACEMENT

3921 LINDBERGH DRIVE
JONESBORO, AR 72401

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ARKANSAS
10/14/2024

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OVERALL FLOOR PLAN

SHEET NUMBER
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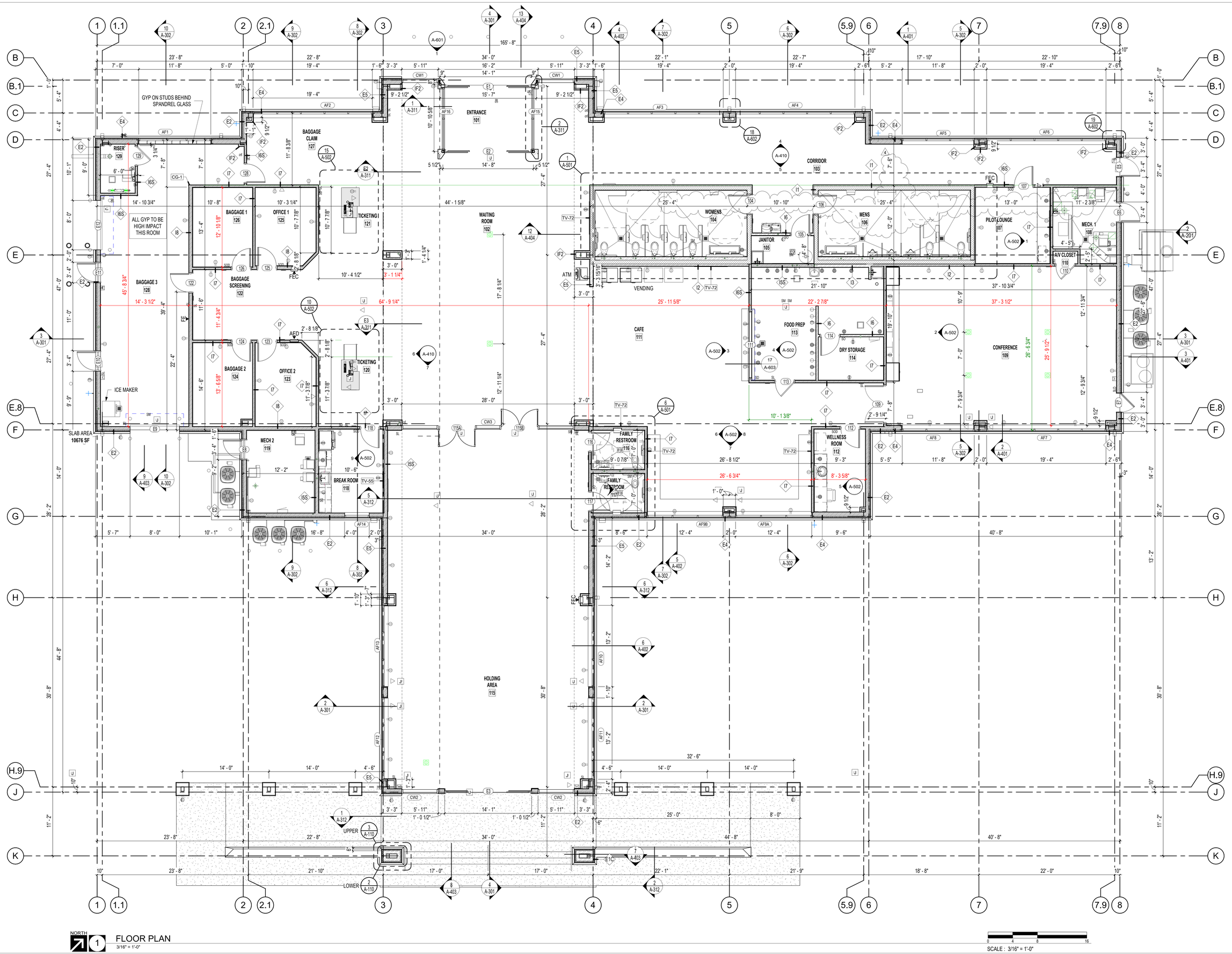
3/3/2025 10:25:24 AM



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

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

5/1/2025 5:07:09 PM

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4	04/01/2025	ASI 001
3	03/21/2025	ADDENDUM 003

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FLOOR PLAN

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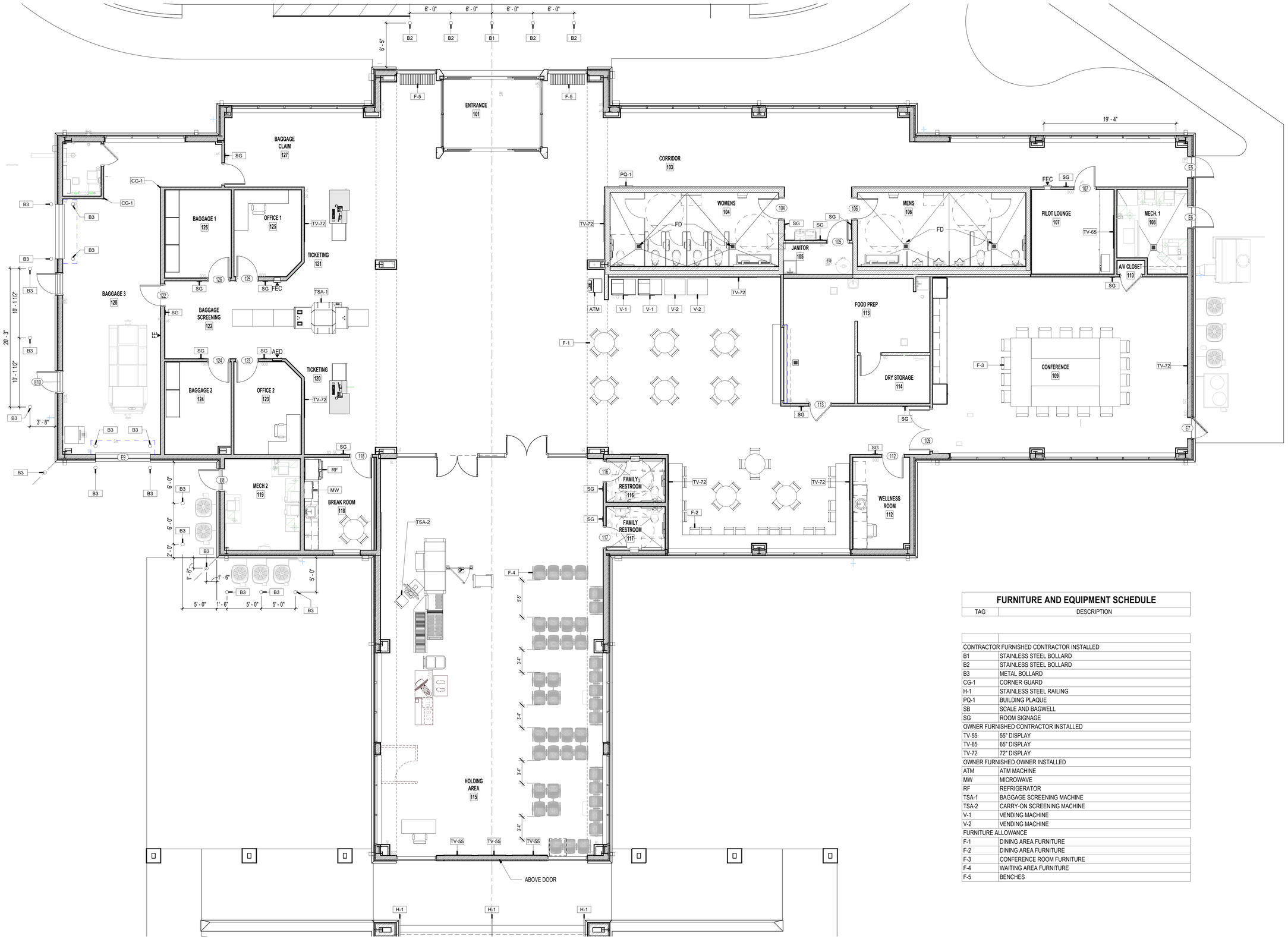

FURNITURE AND EQUIPMENT SCHEDULE

TAG	DESCRIPTION
CONTRACTOR FURNISHED CONTRACTOR INSTALLED	
B1	STAINLESS STEEL BOLLARD
B2	STAINLESS STEEL BOLLARD
B3	METAL BOLLARD
CG-1	CORNER GUARD
H-1	STAINLESS STEEL RAILING
PQ-1	BUILDING PLAQUE
SB	SCALE AND BAGWELL
SG	ROOM SIGNAGE
OWNER FURNISHED CONTRACTOR INSTALLED	
TV-55	55" DISPLAY
TV-65	65" DISPLAY
TV-72	72" DISPLAY
OWNER FURNISHED OWNER INSTALLED	
ATM	ATM MACHINE
MW	MICROWAVE
RF	REFRIGERATOR
TSA-1	BAGGAGE SCREENING MACHINE
TSA-2	CARRY-ON SCREENING MACHINE
V-1	VENDING MACHINE
V-2	VENDING MACHINE
FURNITURE ALLOWANCE	
F-1	DINING AREA FURNITURE
F-2	DINING AREA FURNITURE
F-3	CONFERENCE ROOM FURNITURE
F-4	WAITING AREA FURNITURE
F-5	BENCHES

1 FURNITURE & EQUIPMENT PLAN
3/16" = 1'-0"

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

3/3/2025 10:25:38 AM

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FURNITURE & EQUIPMENT PLAN

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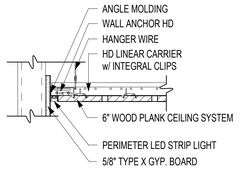
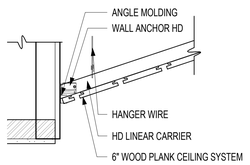
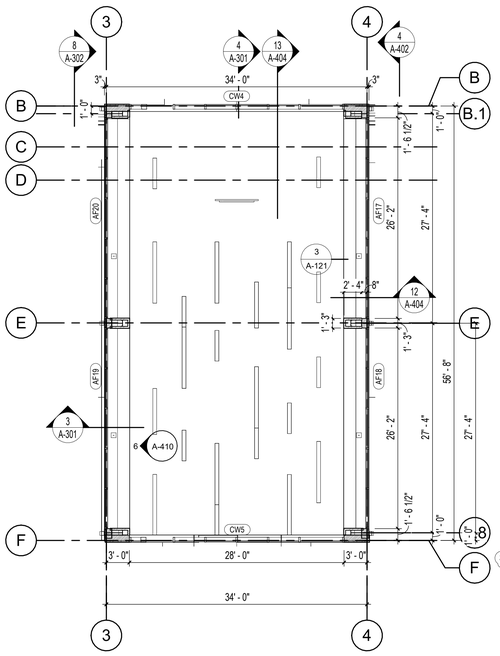


2 PERIMETER LED AT WOOD CEILING
1 1/2" = 1'-0"

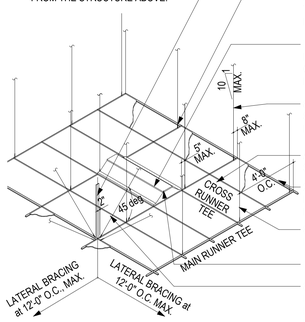


3 DETAIL AT SLOPED WOOD CEILING
1 1/2" = 1'-0"



4 UPPER WINDOWS
1/8" = 1'-0"

NOTES
1. GRID CEILING INSTALLATION TO MEET THE SEISMIC DESIGN CATEGORY REQUIREMENT OF LOCAL JURISDICTION
2. FIXTURES 56 LBS. OR MORE SHALL BE INDEPENDENTLY SUPPORTED FROM THE STRUCTURE ABOVE.



3 5/8" 20 GAUGE METAL STUD COMPRESSION STRUT -LATERAL BRACING AT 12'-0" ON CENTER MAXIMUM AND WITHIN 6'-0" OF EACH WALL ATTACHED TO STRUCTURAL MEMBER ABOVE

POP RIVET ALL TEES TO WALL ANGLE TYPICAL WITH HEAVY DUTY GRID SYSTEM; LIGHT FIXTURES AND OTHER

EQUIPMENT WEIGHING LESS THAN 56 LBS. TO BE SUPPORTED BY GRID SYSTEM AND TWO 12 GA. HANGERS AT OPPOSITE CORNERS (WIRES MAY BE SLACK)

8 GAUGE HANGER AT PERIMETER SUPPORTING MAIN RUNNERS AND CROSS RUNNERS 8" MAXIMUM FROM WALL - TYP.

ACOUSTICAL TILE PANEL - REFER TO FINISH SCHEDULE

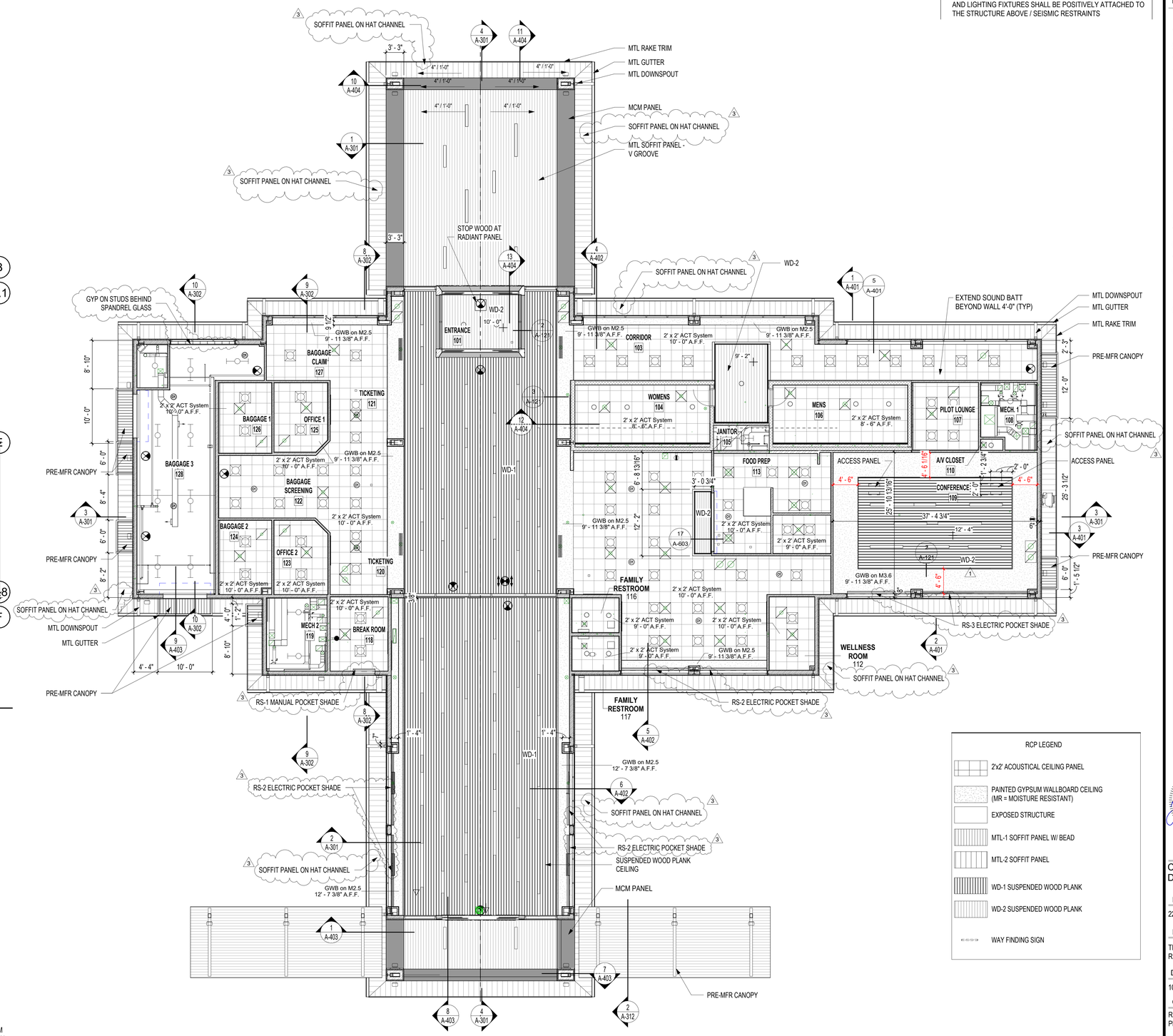
2" WIDE WALL ANGLE TRIM (HORIZONTAL LEG) TYPICAL AT PERIMETER IN GRIDS LARGER THAN 144 SQ. FT.

8 GAUGE HANGERS AT 48" ON CENTER EACH WAY - TYPICAL

RECESSED LIGHT FIXTURE

8 GAUGE LATERAL BRACING WIRES 2" MAXIMUM FROM MAIN AND CROSS RUNNER INTERSECTION EACH DIRECTION AT APPROX. 45 DEGREES - LOCATE LATERAL BRACING AT 6'-0" O.C. FROM WALL AND 12'-0" O.C. EACH WAY

5 SUSPENDED CEILING TILE
1 1/2" = 1'-0"



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

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

RCP - NOTES
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 / SEISMIC RESTRAINTS

RCP LEGEND
- 2'x2' ACOUSTICAL CEILING PANEL
- PAINTED GYPSUM WALLBOARD CEILING (MR = MOISTURE RESISTANT)
- EXPOSED STRUCTURE
- MTL-1 SOFFIT PANEL W/ BEAD
- MTL-2 SOFFIT PANEL
- WD-1 SUSPENDED WOOD PLANK
- WD-2 SUSPENDED WOOD PLANK
- WAY FINDING SIGN

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3921 LINDBERGH DRIVE
JONESBORO, AR 72401

3	03/21/2025	ADDENDUM 003
1	03/07/2025	ADDENDUM 001

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REFLECTED CEILING PLAN

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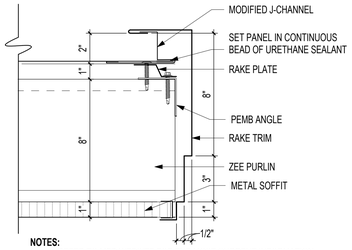
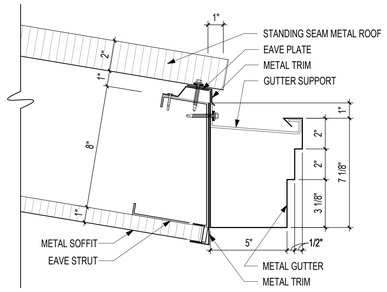
RAKE w/ MODIFIED J-CHANNEL



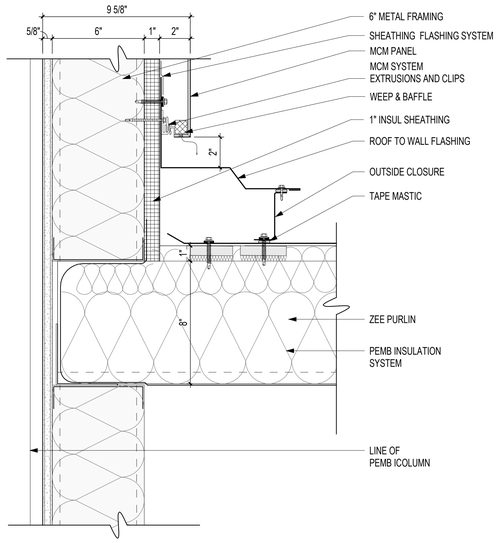
NOTES:
1. REFER TO MFR WEBSITE FOR THE MOST CURRENT INFORMATION.
2. REFER TO TECHNICAL INFORMATION SHEETS FOR FASCIA SIZES, ACCESSORIES, AND FINISHES AVAILABLE.
3. REFER TO THE MFR TECHNICAL DATABASE FOR FASTENER / METAL COMPATIBILITY.
4. APPLICATION DETAILS ARE FOR ILLUSTRATION PURPOSES ONLY AND MAY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

3 RAKE DETAIL w/ RAKE PLATE
3" = 1'-0"



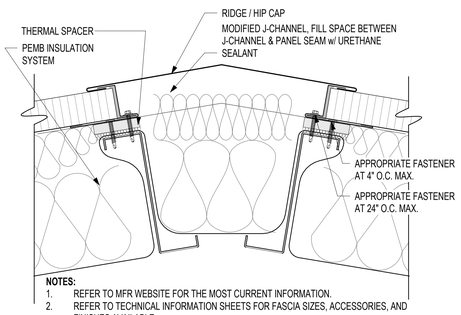
2 GUTTER DETAIL
3" = 1'-0"

SCALE : 3" = 1'-0"



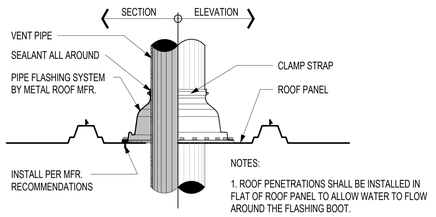
4 METAL ROOF TO WALL FLASHING AT MCM
3" = 1'-0"

FIXED HIP OR RIDGE w/ MODIFIED J-CHANNEL



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

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



NOTES:

1. ROOF PENETRATIONS SHALL BE INSTALLED IN FLAT OF ROOF PANEL TO ALLOW WATER TO FLOW AROUND THE FLASHING BOOT.

2. AT LARGER PENETRATIONS THAT EXTEND FROM SEAM TO SEAM, A ROOF CURB WITH A ROUND OPENING SHALL BE USED.

6 ROOF FLASHING BOOT DETAIL
1 1/2" = 1'-0"

1 ROOF PLAN
1/8" = 1'-0"

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

ROOF PLAN - NOTES
1. REFER TO MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS FOR ADDITIONAL ROOF ELEMENT INFORMATION
2. CONTRACTOR TO VERIFY AND COORDINATE EXACT LOCATIONS OF PENETRATIONS SO AS NOT TO INTERFERE WITH MAJOR STRUCTURAL MEMBERS

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ROOF PLAN

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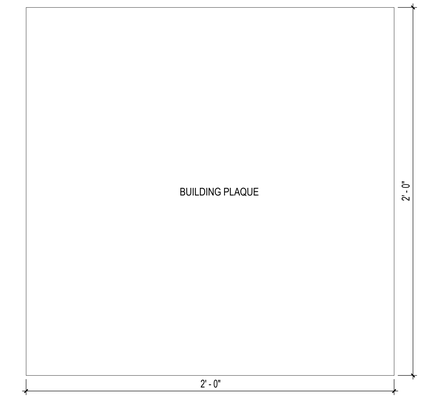
NOTES - FINISH PLANS

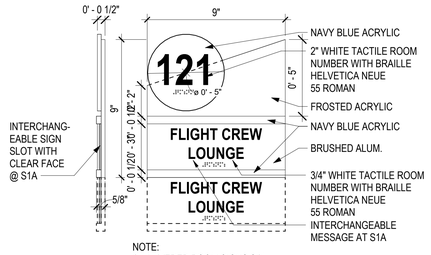
1. UNLESS NOTED OTHERWISE, FINISHES LISTED ARE BASIS OF DESIGN SELECTED FOR QUALITY AND REPRESENTATIVE OF COLORATION AND PATTERNING OF PRODUCTS.
2. SEE MATERIAL SCHEDULE FOR FINISHES AND MANUFACTURER NAMES.
3. INTERIOR FINISH / MATERIALS ARE INSTALLED ACCORDING TO MANUFACTURER'S RECOMMENDATION FOR INSTALLATION.

NOTES - SIGNAGE

1. UNLESS NOTED OTHERWISE, MOUNTED SIGNS SHALL BE INSTALLED AS INDICATED IN SPECIFICATIONS
2. FINAL ROOM NUMBERS AND NAMES TO BE COORDINATED WITH PRIME CONTRACTOR
3. INTERIOR SIGN FINISH COLORS TO BE SELECTED
4. PROVIDE REQUIRED MOUNTINGS / HANGING MECHANISMS FOR SPECIFIED SIGNS PER MANUFACTURERS RECOMMENDATIONS FOR LOAD
5. EXTERIOR SIGNS MUST CONFORM TO MANUFACTURER RECOMMENDATIONS FOR APPLICATION AND BE APPROVED BY PRIME CONTRACTOR
6. SIGNS MOUNTED ON THE EXTERIOR MUST BE CONSTRUCTED OF DURABLE FACTORY-FINISHED BAKED ENAMEL WITH REFLECTIVE SHEETING. FASTENERS SHALL BE CONCEALED AND RUST PROOF
7. EXTERIOR BUILDING NUMBER IDENTIFICATION SIGNS - TYPE K, (QUANTITY OF 2) FOR EMERGENCY VEHICLES (NOT SHOWN ON PLAN) ARE LOCATED IN FIELD FOR VISIBILITY BY SECURITY AND FIRE PERSONNEL. COORDINATE LOCATION WITH PRIME CONTRACTOR
8. UNLESS NOTED OTHERWISE, TEXT ON SIGNS ARE IN ALL CAPS
9. SEE ENLARGED ELEVATIONS FOR FURTHER SIGNAGE INFORMATION

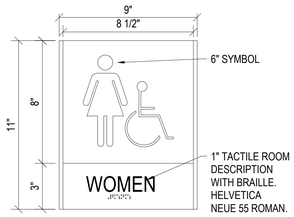


2 BUILDING PLAQUE
3" = 1'-0"

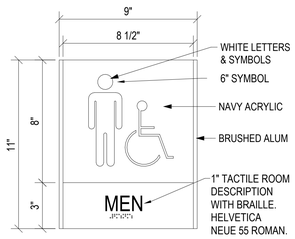


NOTE:
1. LAYERED ROOM SIGNS S1A.
2. S1A ROOM ID W/ INTERCHANGEABLE MESSAGE.
3. REF TO EXT. ELEV. FOR ADDT'L SIGNAGE

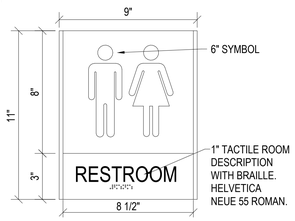
5 ROOM ID
3" = 1'-0"



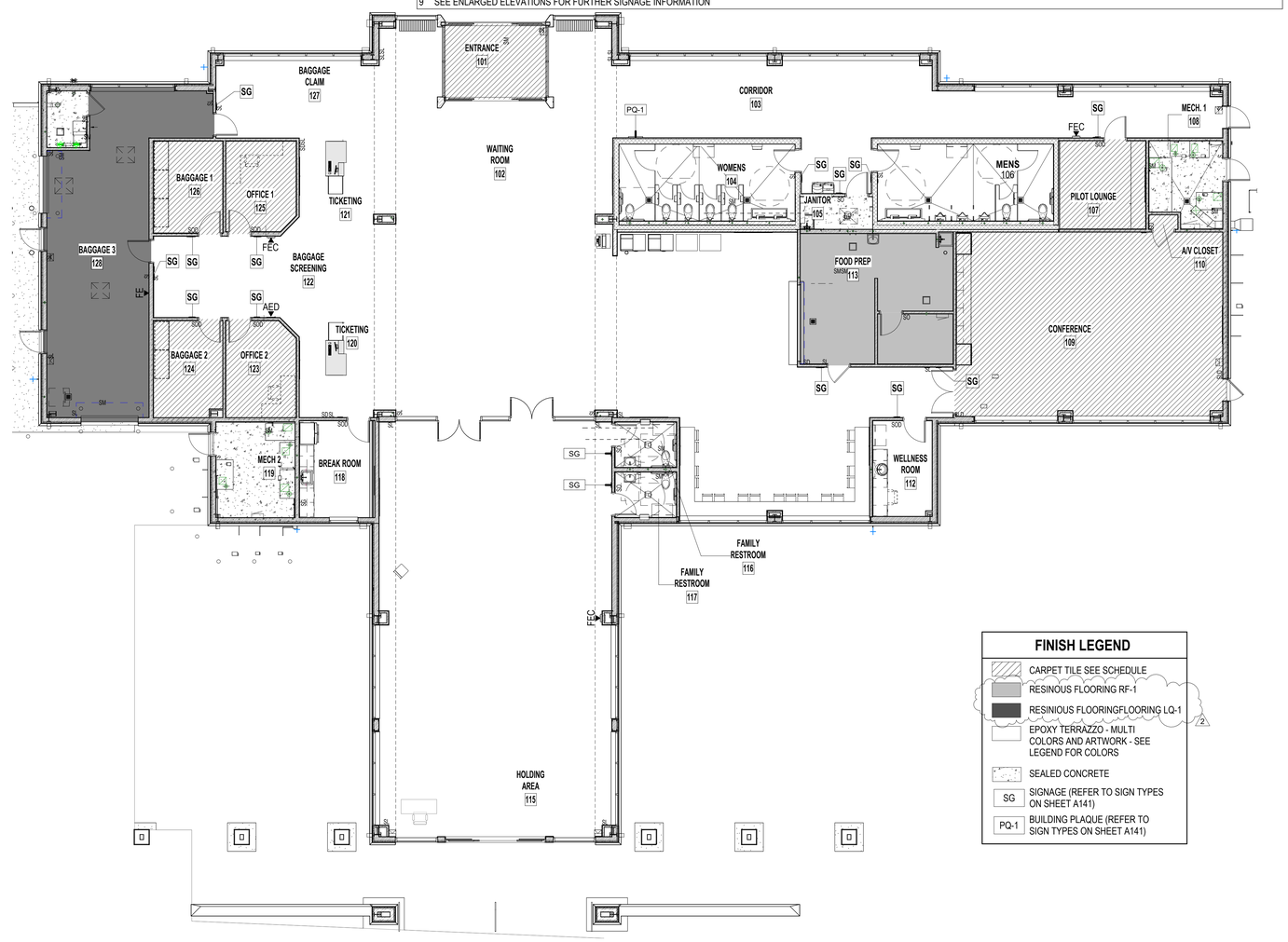
6 RESTROOM - WOMEN - ADA
3" = 1'-0"



7 RESTROOM - MEN - ADA
3" = 1'-0"



8 RESTROOM - UNISEX - SIGN
3" = 1'-0"



FINISH LEGEND

- CARPET TILE SEE SCHEDULE
- RESINOUS FLOORING RF-1
- RESINIOUS FLOORINGFLOORING LQ-1
- EPOXY TERRAZZO - MULTI COLORS AND ARTWORK - SEE LEGEND FOR COLORS
- SEALED CONCRETE
- SG — SIGNAGE (REFER TO SIGN TYPES ON SHEET A141)
- PQ-1 — BUILDING PLAQUE (REFER TO SIGN TYPES ON SHEET A141)

1 FINISH FLOOR PLAN AND SIGNAGE
1/8" = 1'-0"

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

ROOM FINISH LEGEND

FINISH CODE	MANUFACTURER	MODEL / TILE	COLOR NAME / NUMBER	PATTERN	DESCRIPTION	LOCATION / NOTES
BASE						
RB-1	SEE SPECIFICATION	RESILIENT BASE	TO BE SELECTED	4"	RESILIENT BASE	THROUGHOUT EXCEPT RESTROOMS
TB-1	MATCH FLOOR	MATCH FLOOR	MATCH FLOOR	4" X CONTINUOUS	INTEGRAL TERRAZZO BASE	RESTROOMS
TB-2	MATCH FLOOR	MATCH FLOOR	MATCH FLOOR	4" X 72"	PRECAST TERRAZZO BASE	PUBLIC AREAS
CEILING						
ACT-1	ARMSTRONG	ULTIMA / BEVELED TEGULAR	WHITE	24" X 24"	ACOUSTICAL CEILING TILE AND GRID	THROUGHOUT EXCEPT AS NOTED
GYP-2	SEE SPECIFICATION	CEILING PAINT	TO BE SELECTED	---	CEILING PAINT	SEE SCHEDULE
WD-1	9WOOD	2300 CONTINUOUS LINEAR	WESTERN HEMLOCK - STAIN TO BE SELECTED	6" WIDE	WOOD CEILING SYSTEM - WITH 15/16" HEAVY DUTY T-BAR MAIN RUNNERS 24" O.C. (BLACK) AND ACOUSTIC TILE W/ 0.85 NRC MIN. (BLACK)	WAITING AND HOLDING, CONF
WD-2	9WOOD	2400 T&G LINEAR	WESTERN HEMLOCK - STAIN TO BE SELECTED	6" WIDE	WOOD CEILING SYSTEM - WITH 15/16" HEAVY DUTY T-BAR MAIN RUNNERS 24" O.C. - NO SPACE	ENTRANCE, OUTSIDE RESTROOMS
FLOOR						
CONC	SEE SPECIFICATION	SEE SPEC	SEE SPEC	SEE SPEC	SEALED CONCRETE	SUPPORT SPACES
CPT-1	SHAW / POETIC FORM	METAL EDGE TILE / 5T620	EMERY PLATINUM / 18515	24" X 24"	CARPET TILE	CONFERENCE ROOM
CPT-2	SHAW / CREATIVE ZONE	DAYDREAM TILE / 5T593	THOUGHTFUL / 93515	24" X 24"	CARPET TILE	OFFICES, PILOTS' LOUNGE
CPT-3	MANNINGTON	FRIXTION	CHARGE / KINETIC - 11360	18" X 36"	CARPET TILE - WALKOFF	ENTRANCE
ET-X	NATIONAL TERRAZZO MOSAIC ASSOCIATION	DECORATIVE COMBINATION	SEE LEGEND FOR COLOR	PER FINISHED FLOOR PLAN	EPOXY TERRAZZO WITH ZINC STRIPS IN DECORATIVE PATTERN	PUBLIC SPACES
LQ-1	DUR-A-FLEX	SHOP FLOOR	TO BE SELECTED	UNIFORM	RESINOUS FLOORING	BAGGAGE 3
RF-1	DUR-A FLEX	HYBRI-FLEX EQ	TO BE SELECTED	UNIFORM	RESINOUS FLOORING WITH INTEGRAL BASE	KITCHEN AREA
WALLS						
FRP-1	SEE SPECIFICATION	SEE SPECIFICATION	TO BE SELECTED	SEE SPECIFICATION	FIBERGLASS REINFORCED PANELING	FOOD SERVICES AREAS
GYP-1	SEE SPECIFICATION	WALL PAINT	TO BE SELECTED	---	WALL PAINT	THROUGHOUT EXCEPT AS NOTED
GYP-3	SEE SPECIFICATION	WALL PAINT	TO BE SELECTED	---	WALL PAINT ON IMPACT RESISTANT GWB	BAGGAGE 3
WT-1	SAME AS PT-1	SAME AS PT-1	COLOR NAME / NUMBER	PATTERN	PORCELAIN CERAMIC WALL TILE	WAINSCOT
WT-2	SAME AS PT-1	SAME AS PT-1	COLOR NAME / NUMBER	PATTERN	PORCELAIN CERAMIC WALL TILE	RESTROOMS

FINISH SCHEDULE

#	ROOM NAME	BASE FINISH	FLOORS FINISH	WALLS FINISH	CEILINGS FINISH	COMMENTS
101	ENTRANCE	RB-1	CPT-3	---	WD-2	
102	WAITING ROOM	TB-2	ET-X	WT-1 / GYP-1	WD-1 / GYP-2	
103	CORRIDOR	TB-2	ET-X	WT-1 / GYP-1	ACT-1	
104	WOMENS	TB-1	ET-X	WT-2	ACT-1	
105	JANITOR	RB-1	CONC.	GYP-1	ACT-1	
106	MENS	TB-1	ET-X	WT-2	ACT-1	
107	PILOT LOUNGE	RB-1	CPT-2	GYP-1	ACT-1	
108	MECH. 1	RB-1	CONC.	GYP-1	EXP TO STRUCTURE	
109	CONFERENCE	RB-1 / TB-2	CPT-1	WT-1 / GYP-1	WD-2 / GYP-2	
110	A/V CLOSET	RB-1	CPT-1	GYP-1	ACT-1	
111	CAFE	TB-2	ET-X	WT-1 / GYP-1	ACT-1	
112	WELLNESS ROOM	RB-1	ET-X	GYP-1	ACT-1	
113	FOOD PREP	RF-1	RF-1	FRP-1	ACT-1	
114	DRY STORAGE	RF-1	RF-1	FRP-1	ACT-1	
115	HOLDING AREA	TB-2	ET-X	WT-1 / GYP-1	WD-1 / GYP-2	
116	FAMILY RESTROOM	TB-1	ET-X	WT-2	ACT-1	
117	FAMILY RESTROOM	TB-1	ET-X	WT-2	ACT-1	
118	BREAK ROOM	RB-1	ET-X	GYP-1	ACT-1	
119	MECH 2	RB-1	CONC.	GYP-1	EXP TO STRUCTURE	
120	TICKETING	TB-2	ET-X	WT-1 / GYP-1	ACT-1	
121	TICKETING	TB-2	ET-X	WT-1 / GYP-1	ACT-1	
122	BAGGAGE SCREENING	TB-2	ET-X	WT-1 / GYP-1	ACT-1	
123	OFFICE 2	RB-1	CPT-2	GYP-1	ACT-1	
124	BAGGAGE 2	RB-1	CPT-2	GYP-1	ACT-1	
125	OFFICE 1	RB-1	CPT-2	GYP-1	ACT-1	
126	BAGGAGE 1	RB-1	CPT-2	GYP-1	ACT-1	
127	BAGGAGE CLAIM	TB-2	ET-X	WT-1 / GYP-1	ACT-1	
128	BAGGAGE 3	RB-1	LQ-1	GYP-3	EXP TO STRUCTURE	
129	RISER	RB-1	CONC.	GYP-1	EXP TO STRUCTURE	

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JONESBORO MUNICIPAL AIRPORT TERMINAL REPLACEMENT

3921 LINDBERGH DRIVE
JONESBORO, AR 72401

#	DATE	DESCRIPTION
2	03/14/2025	ADDENDUM 002

COOPER MIXON ARCHITECT PLLC
LL237
REGISTERED ARCHITECT
STATE OF ARKANSAS
10/14/2024

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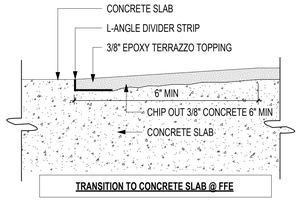
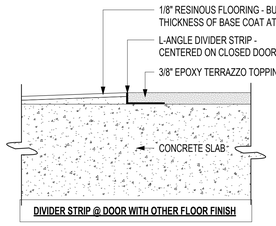
FINISH FLOOR PLAN & SIGNAGE

SHEET NUMBER
A-141

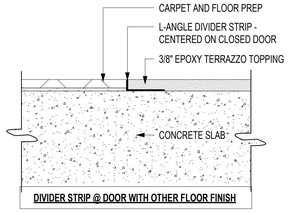
3/14/2025 3:25:25 PM



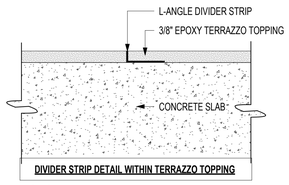
T TRANSITION TO CONCRETE - E-T
6" = 1'-0"



9 GUIDE DETAIL - E-9
6" = 1'-0"

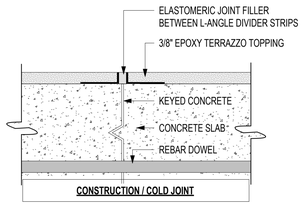


8 GUIDE DETAIL - E-8
6" = 1'-0"



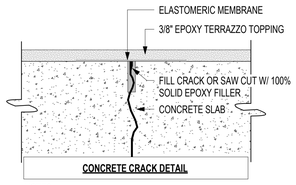
NOTES:
- A DIVIDER STRIP USED AS TERMINATION TO SEPARATE COLORS OR AS AESTHETIC FEATURE

7 GUIDE DETAIL - E-7
6" = 1'-0"



NOTES:
- USE AT CONSTRUCTION / COLD JOINTS WITH EITHER KEYED CONCRETE OR REBAR DOWELS.

6 GUIDE DETAIL - E-6
6" = 1'-0"

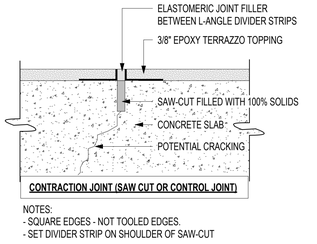


NOTES:
- ELASTOMERIC MEMBRANE AT THICKNESS AND WIDTH AS RECOMMENDED BY EPOXY TERRAZZO MANU.
- FIBERGLASS MESH REINFORCEMENT PER EPOXY MANU.

5 GUIDE DETAIL - E-5
6" = 1'-0"

1 FINISH FLOOR PLAN EPOXY TERRAZZO
1/8" = 1'-0"

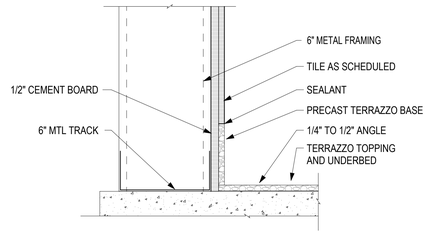
SCALE : 1/8" = 1'-0"



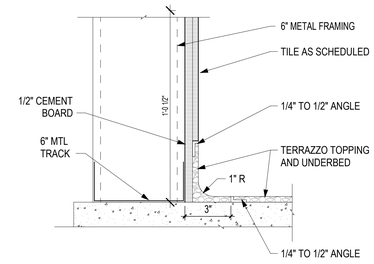
NOTES:
- SQUARE EDGES - NOT TOOLED EDGES.
- SET DIVIDER STRIP ON SHOULDER OF SAW-CUT

4 GUIDE DETAIL - E-1
6" = 1'-0"

SCALE : 6" = 1'-0"



3 EPOXY TERRAZZO FLOOR
3" = 1'-0"



2 EPOXY TERRAZZO COVE BASE
3" = 1'-0"

EPOXY LEGEND

NTMA STANDARD COLORS
EP-III-71
EP-I-52
EP-II-61
EP-II-68

GUIDE DETAILS	
E-5	AS REQUIRED
E-1	E-5 E-6
E-7	
E-8	
E-T	

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JONESBORO MUNICIPAL AIRPORT TERMINAL REPLACEMENT
3921 LINDBERGH DRIVE
JONESBORO, AR 72401

3	03/21/2025	ADDENDUM 003
1	03/07/2025	ADDENDUM 001

LL237
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10/14/2024

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FINISH FLOOR PLAN EPOXY TERRAZZO

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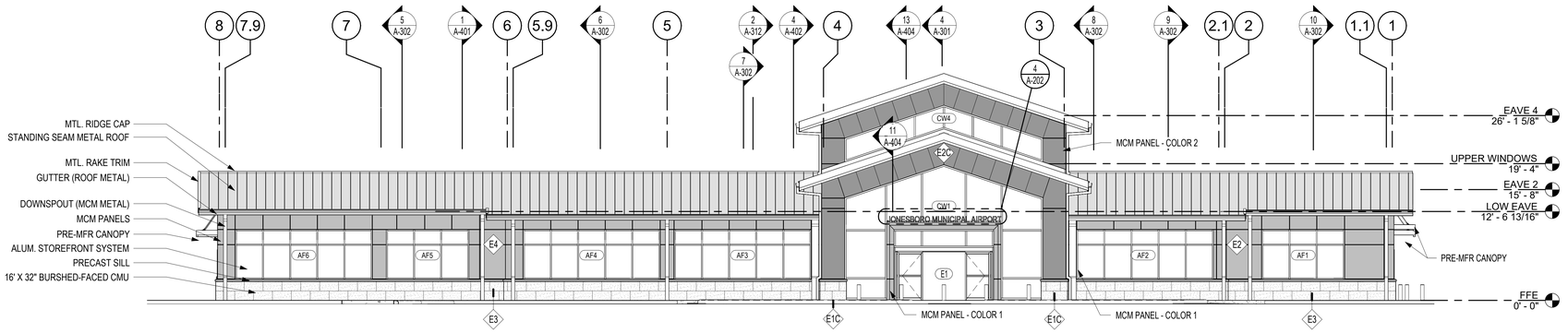
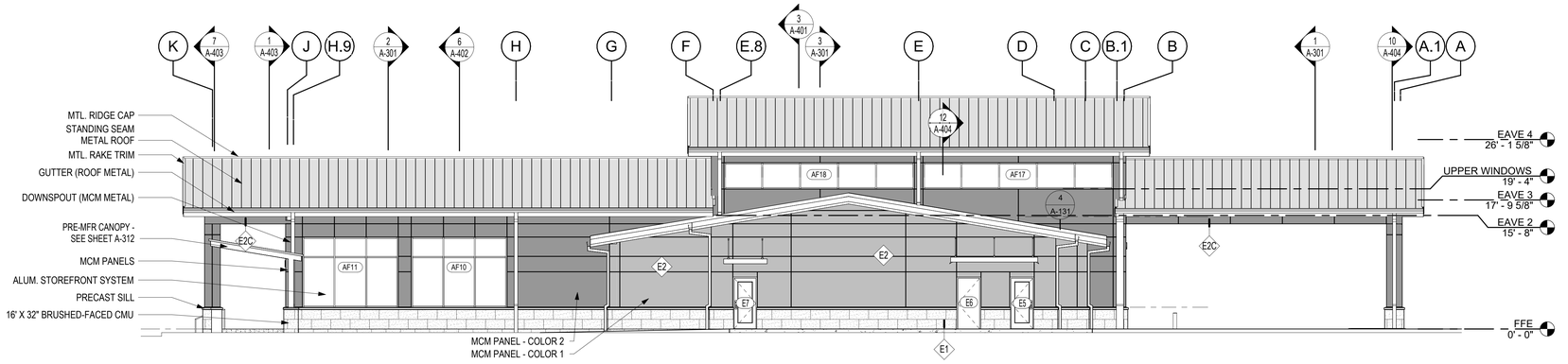
A-142

3/21/2025 2:56:24 PM



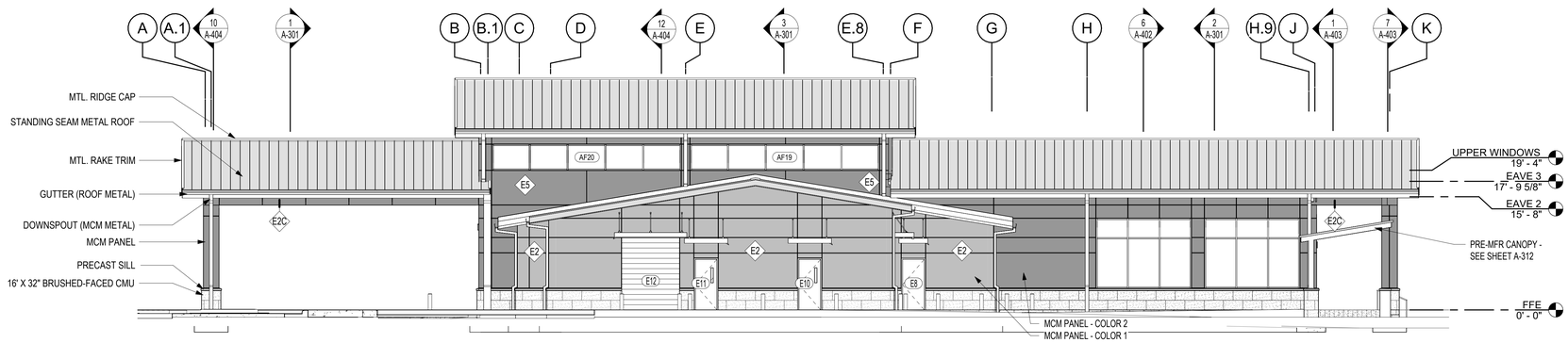
1 NORTH ELEVATION

1/8" = 1'-0"



2 EAST ELEVATION

1/8" = 1'-0"



3 WEST ELEVATION

1/8" = 1'-0"

0 4 8 16

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

3/3/2025 10:26:26 AM

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3921 LINDBERGH DRIVE
JONESBORO, AR 72401

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EXTERIOR ELEVATIONS

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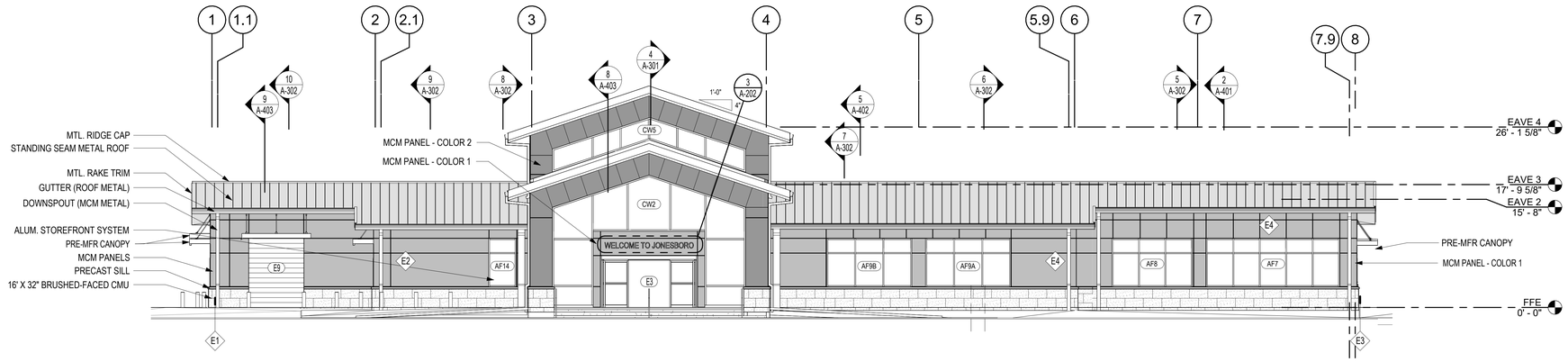
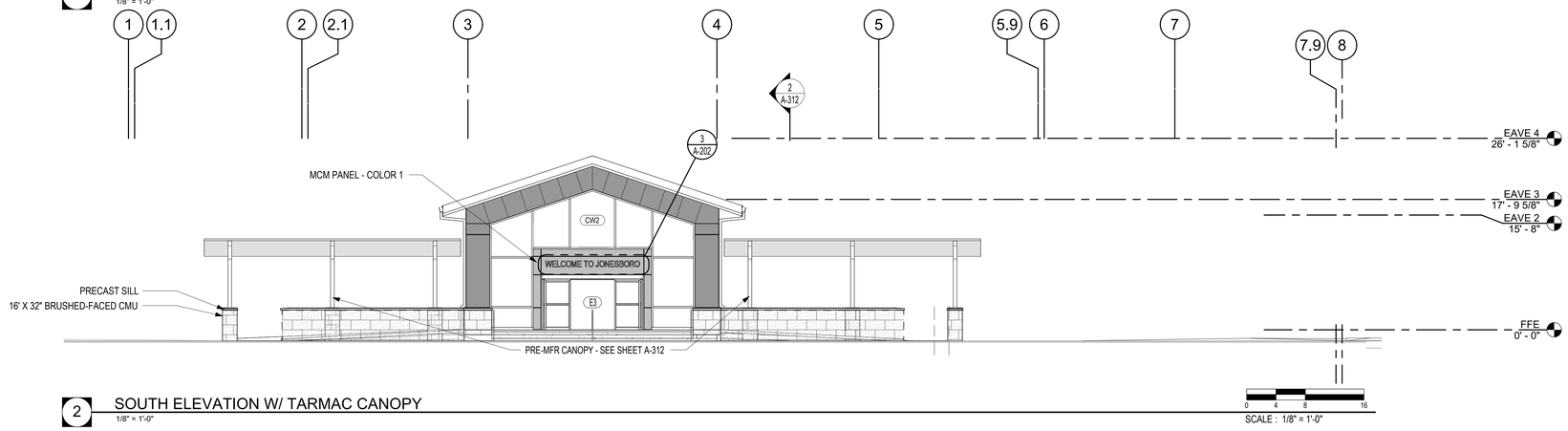
A-201

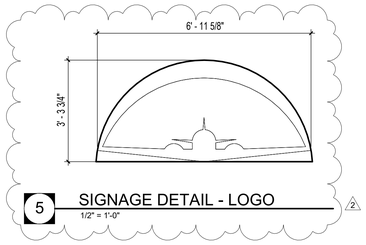


1 SOUTH ELEVATION
1/8" = 1'-0"



2 SOUTH ELEVATION W/ TARMAC CANOPY
1/8" = 1'-0"

6 SIGNAGE DETAIL
1 1/2" = 1'-0"



5 SIGNAGE DETAIL - LOGO
1/2" = 1'-0"

4 SIGNAGE DETAIL - FRONT ENTRY
1/2" = 1'-0"

3 SIGNAGE DETAIL - REAR ENTRY
1/2" = 1'-0"

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3921 LINDBERGH DRIVE
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2	03/14/2025	ADDENDUM 002

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EXTERIOR ELEVATIONS

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A-202

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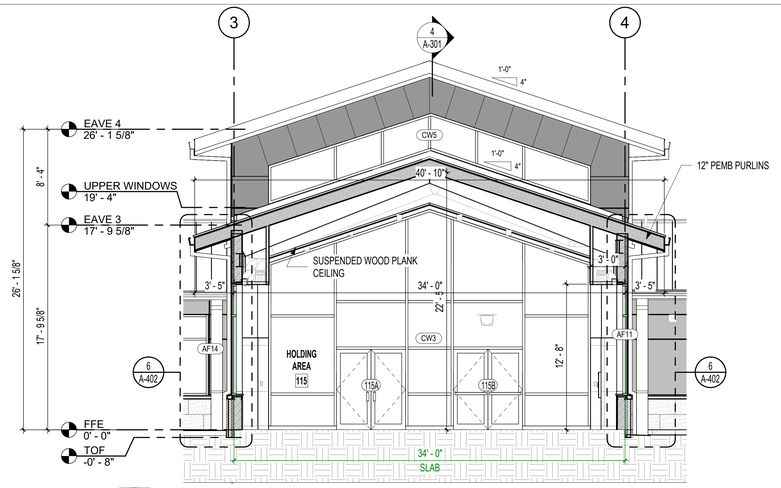
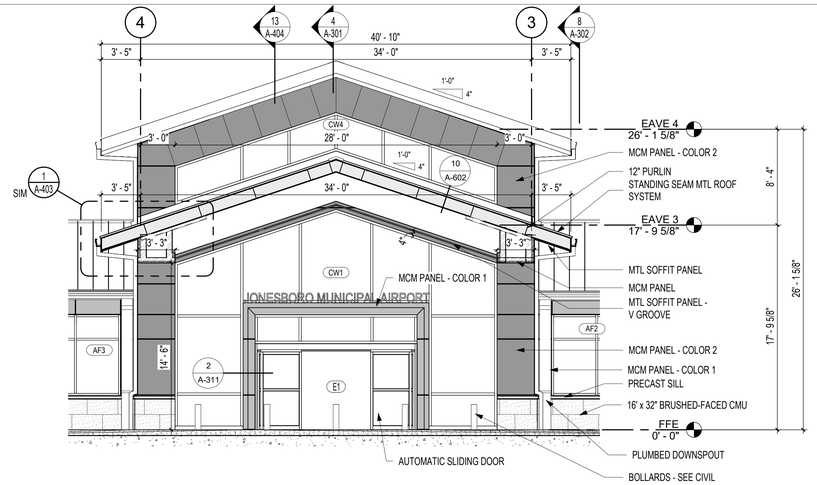
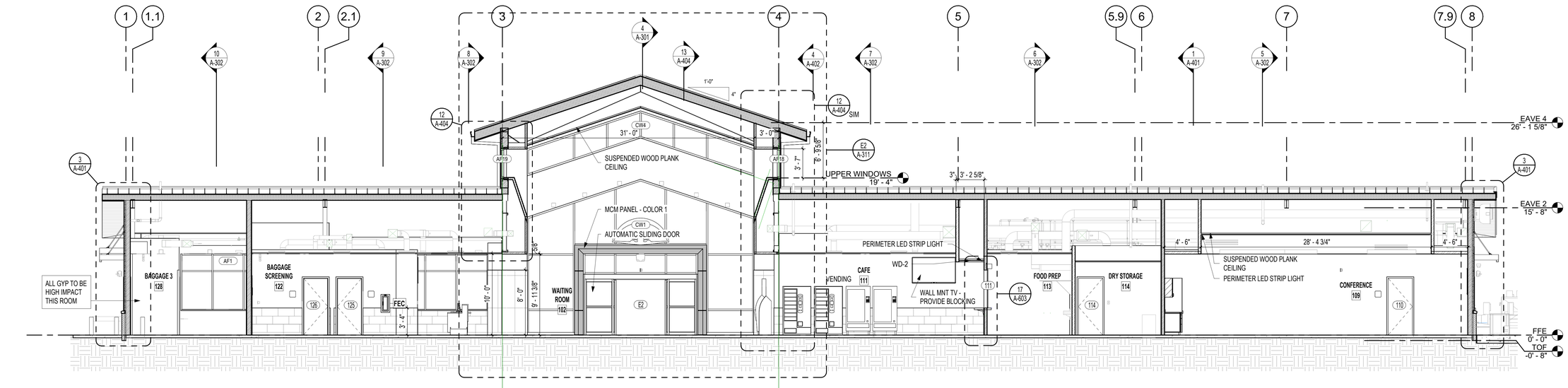


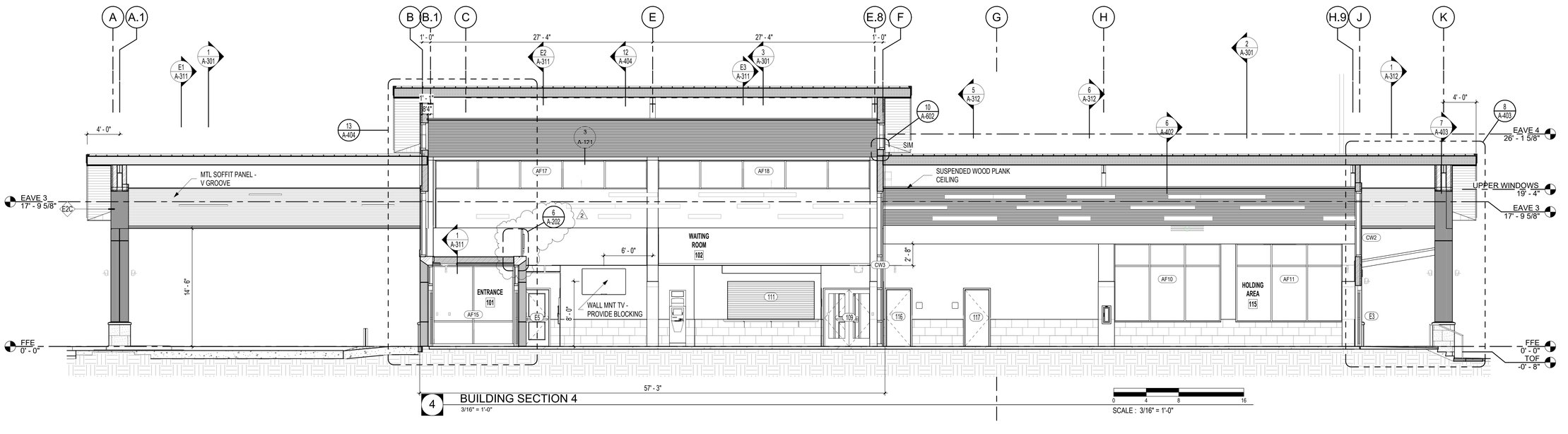
2 BUILDING SECTION 2
3/16" = 1'-0"



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



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



4 BUILDING SECTION 4
3/16" = 1'-0"

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

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3921 LINDBERGH DRIVE
JONESBORO, AR 72401

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A-301

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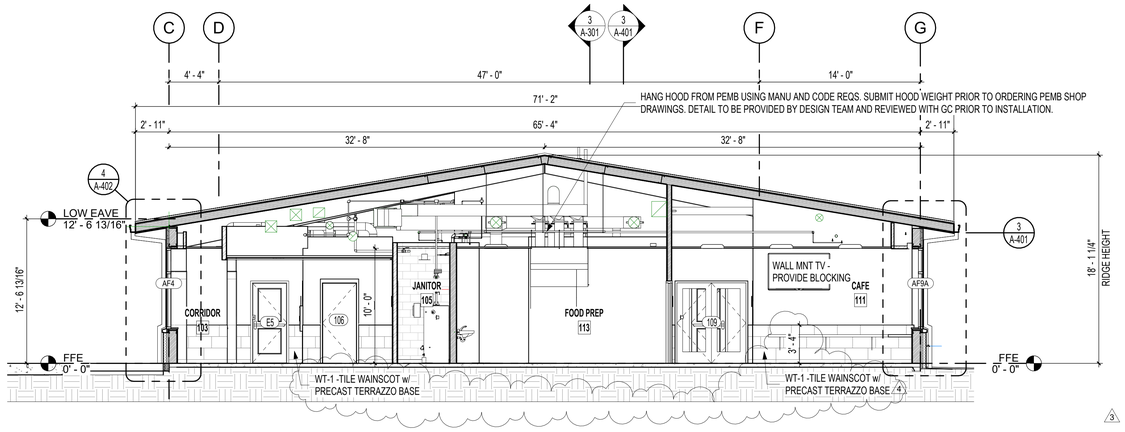
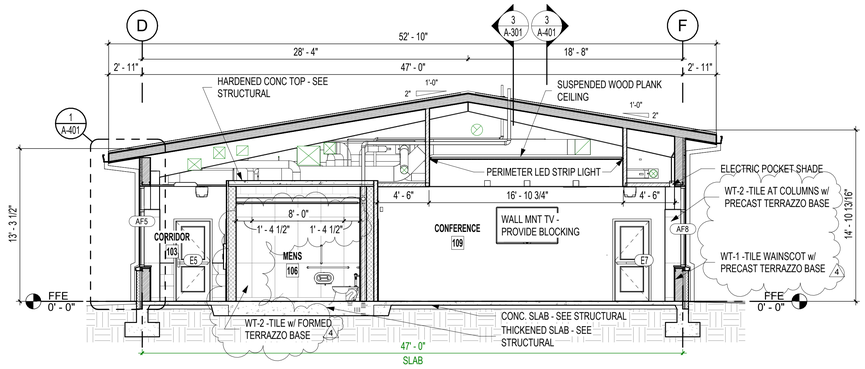
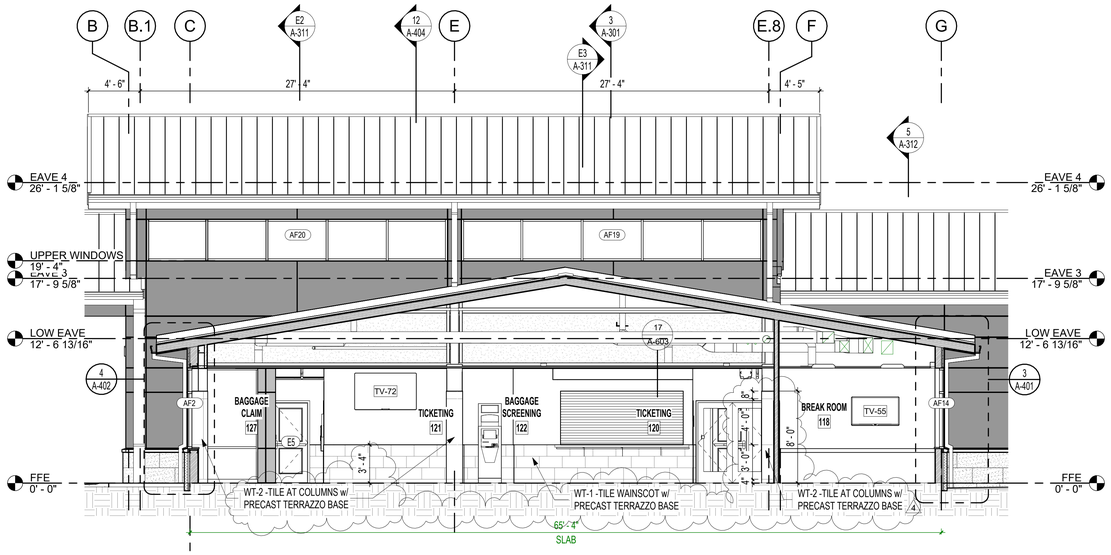


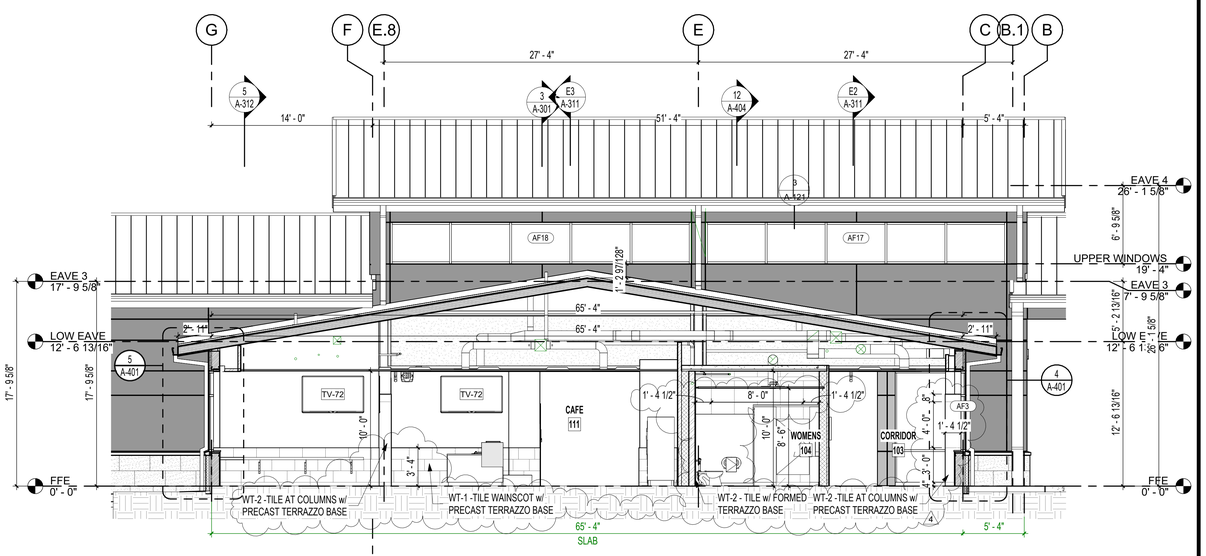
6 BUILDING SECTION 6
3/16" = 1'-0"



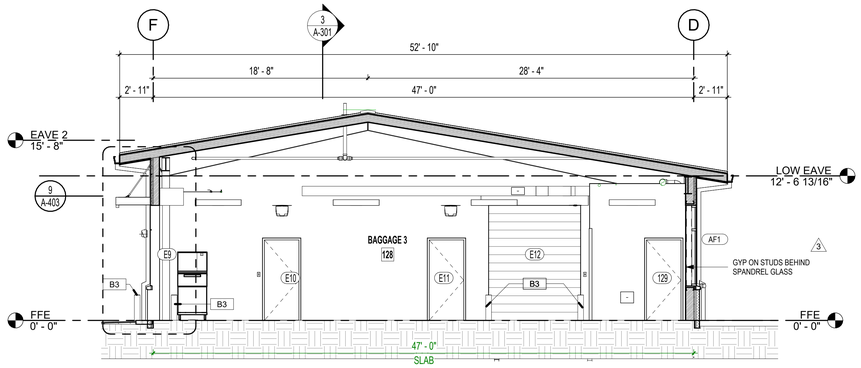
5 BUILDING SECTION 5
3/16" = 1'-0"



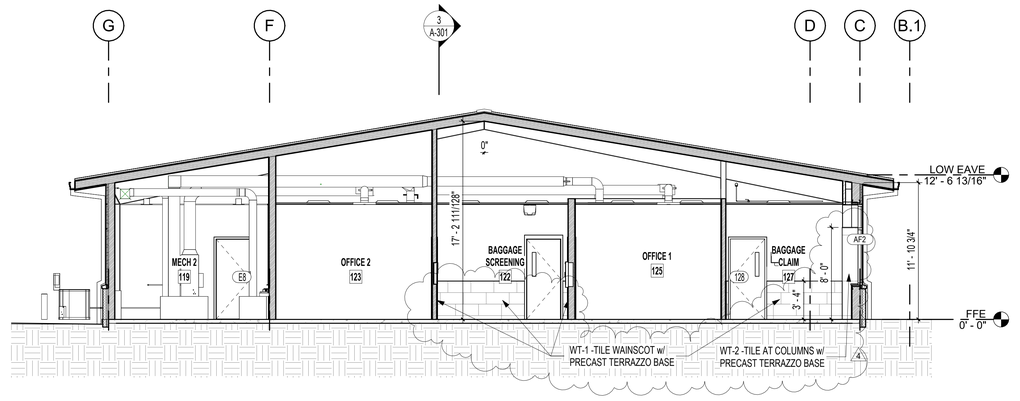
8 BUILDING SECTION 8
3/16" = 1'-0"



7 BUILDING SECTION 7
3/16" = 1'-0"



10 BUILDING SECTION 10
3/16" = 1'-0"



9 BUILDING SECTION 9
3/16" = 1'-0"

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

5/1/2025 5:07:19 PM

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TERMINAL REPLACEMENT
3921 LINDBERGH DRIVE
JONESBORO, AR 72401

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3	03/21/2025	ADDENDUM 003

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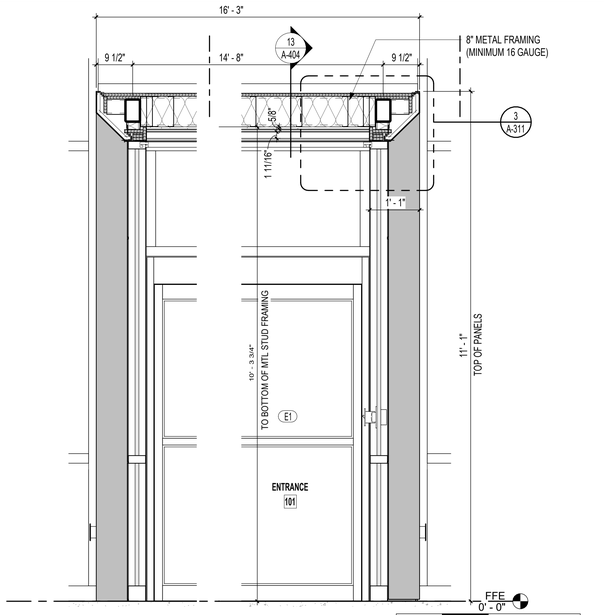
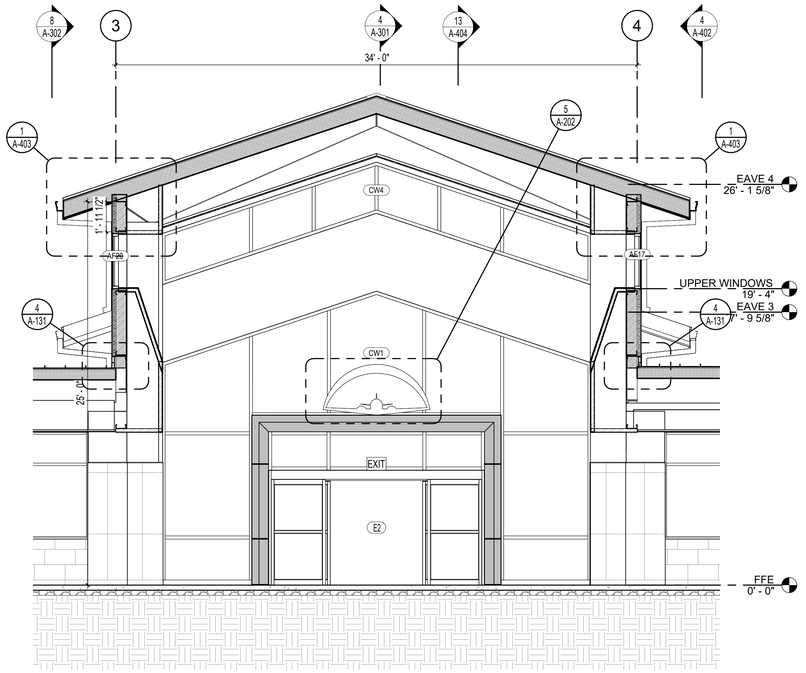
SHEET NUMBER
A-302

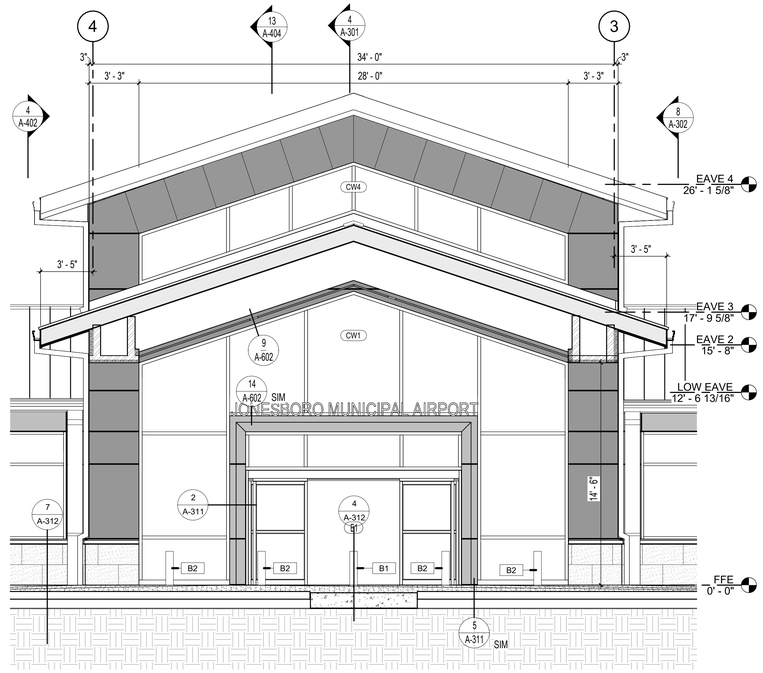


1 SECTION THRU ENTRY PORTAL
3/4" = 1'-0"

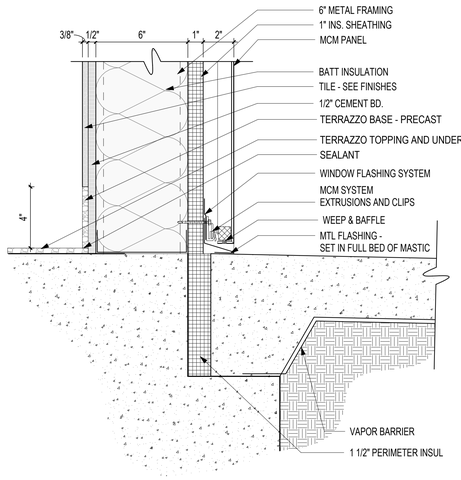
SCALE : 3/4" = 1'-0"



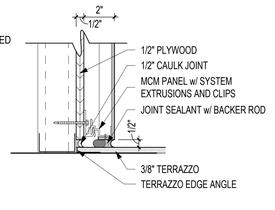
E2 ENLARGED BUILDING SECTION 2
1/4" = 1'-0"



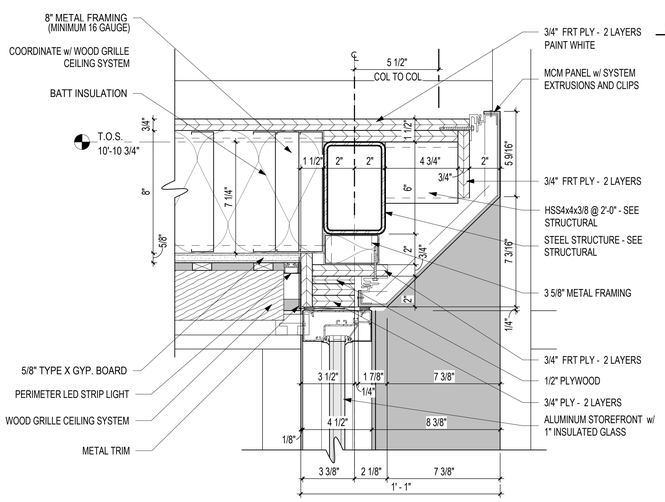
E1 ENLARGED BUILDING SECTION 1
1/4" = 1'-0"



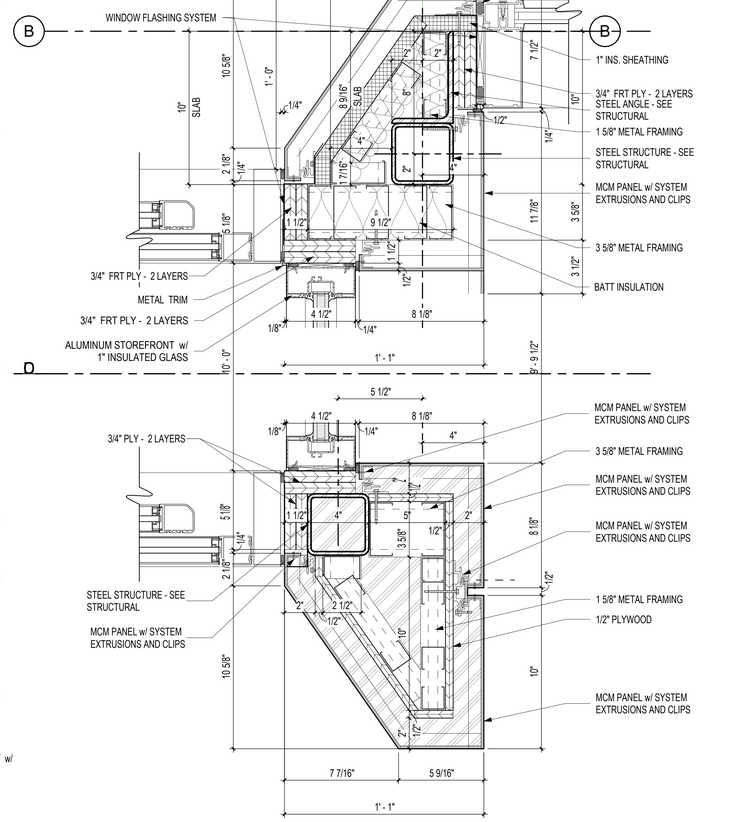
5 MCM AT WALK
3" = 1'-0"



4 MCM AT FLOOR
3" = 1'-0"

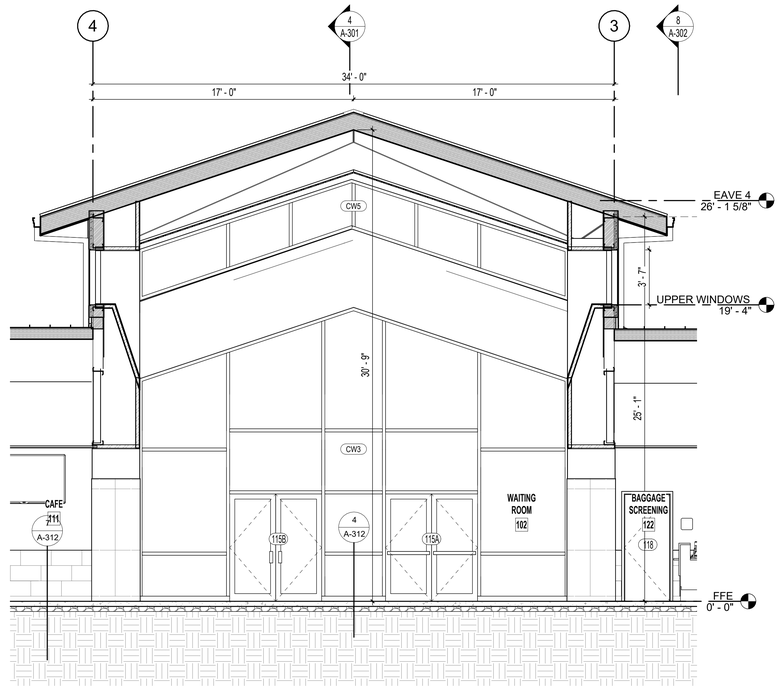


3 SIDE HEAD AT ENTRY PORTAL
3" = 1'-0"



2 DOOR & CW JAMB AT MCM
3" = 1'-0"

SCALE : 3" = 1'-0"



E3 ENLARGED BUILDING SECTION 3
1/4" = 1'-0"

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

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JONESBORO MUNICIPAL AIRPORT
TERMINAL REPLACEMENT

3921 LINDBERGH DRIVE
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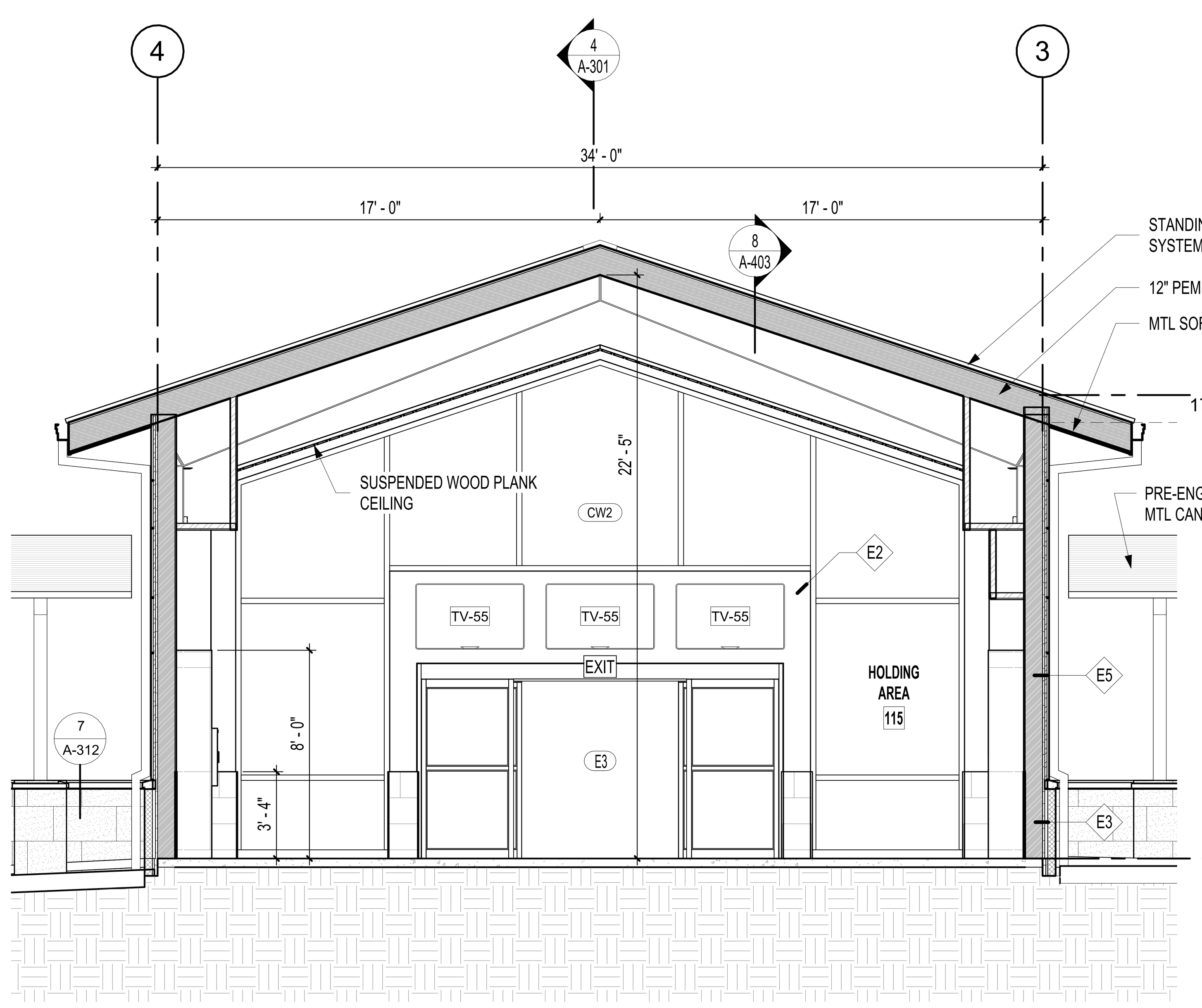
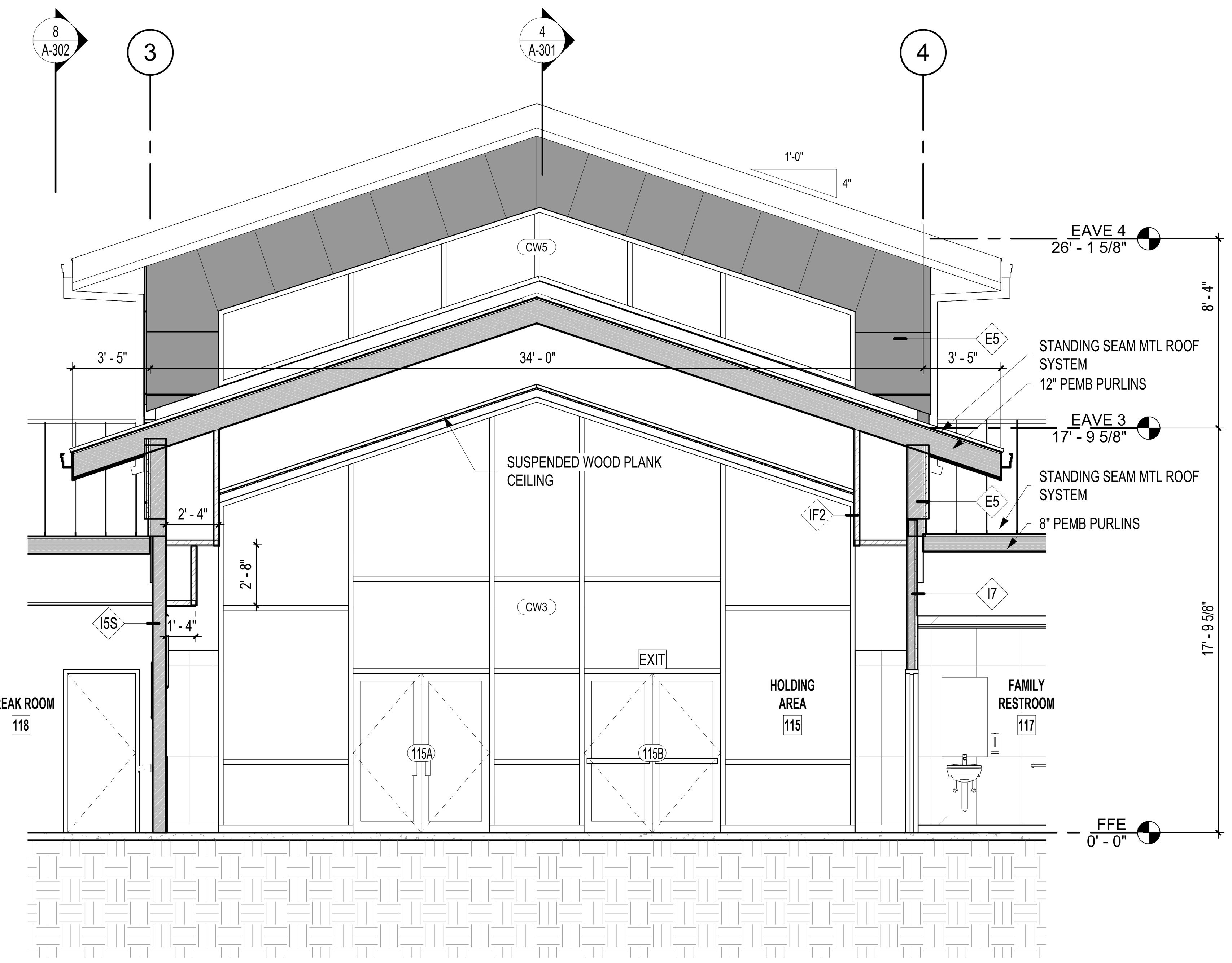
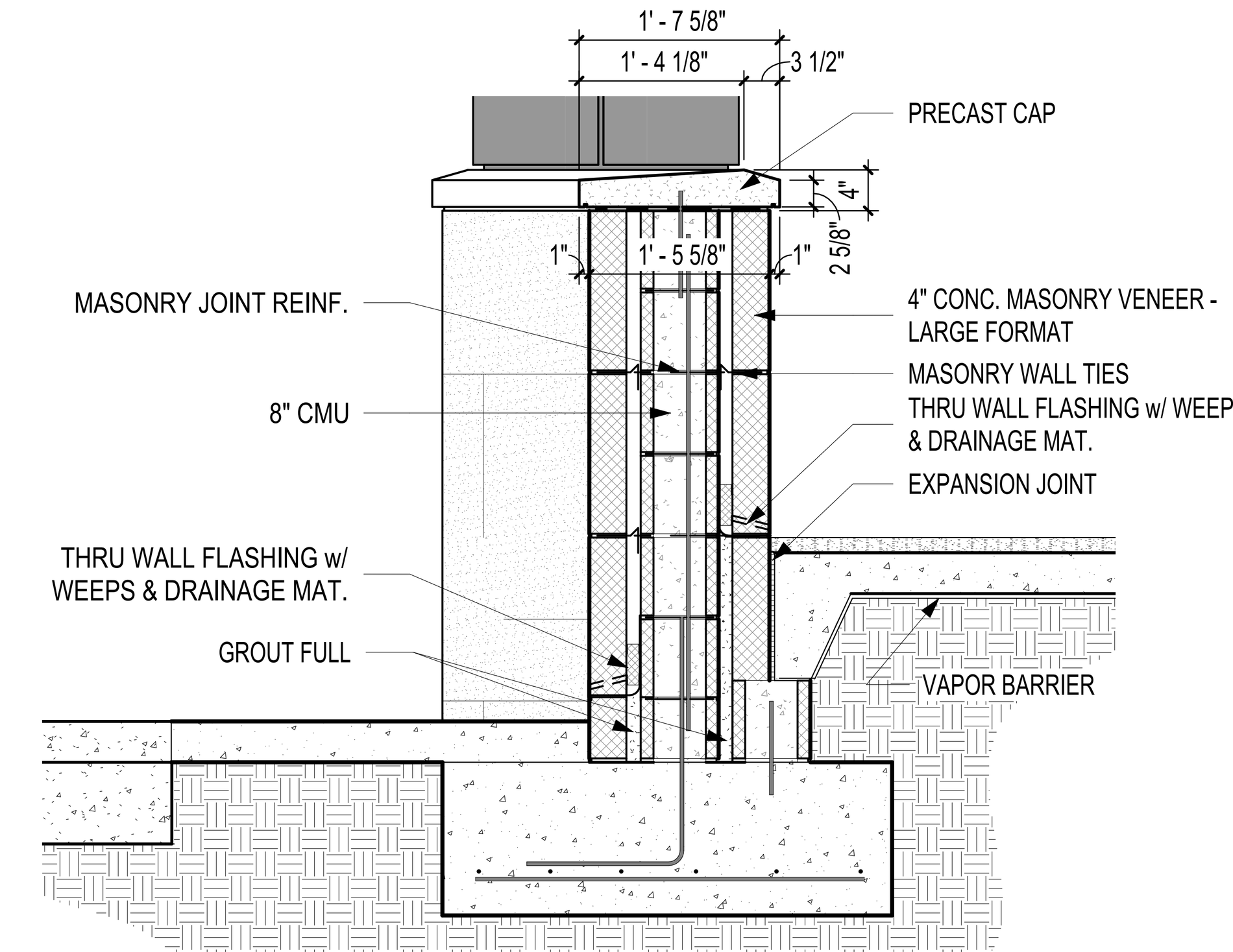
3/3/2025 10:27:08 AM



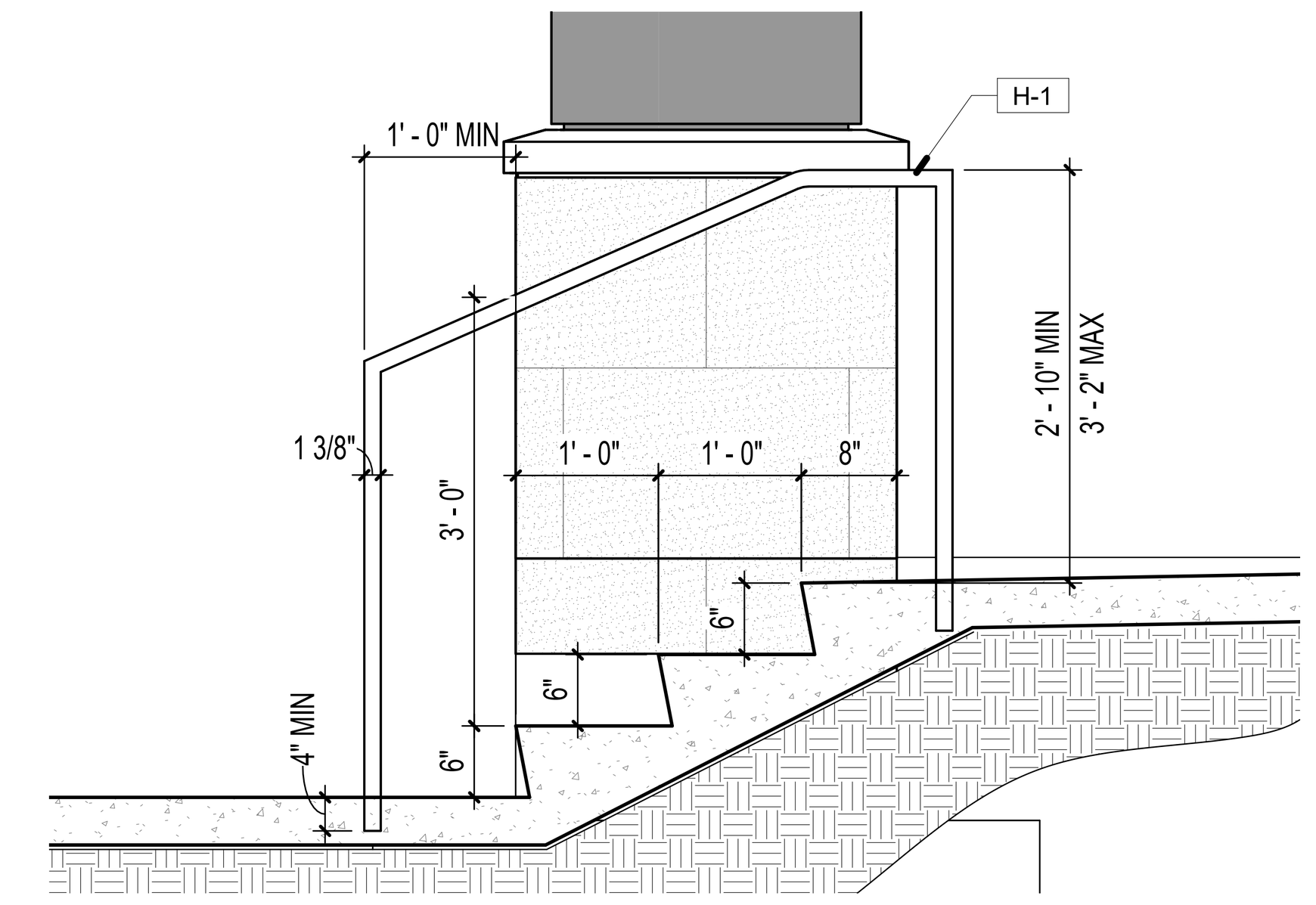
6 SECTION THRU HOLDING AREA - SOUTH
1/4" = 1'-0"



5 SECTION THRU HOLDING AREA - NORTH
1/4" = 1'-0"

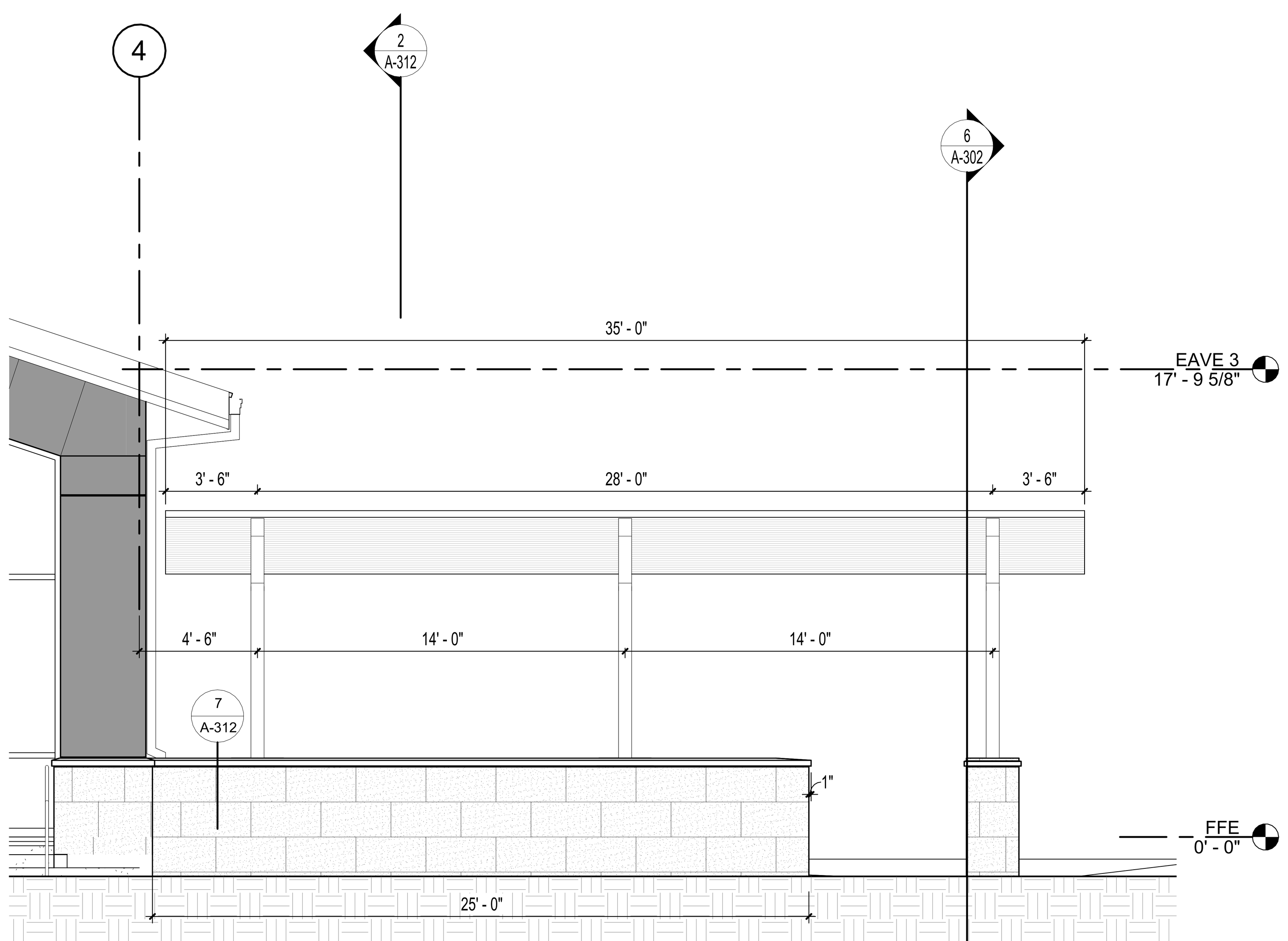


7 LOW WALL DETAIL
3/4" = 1'-0"

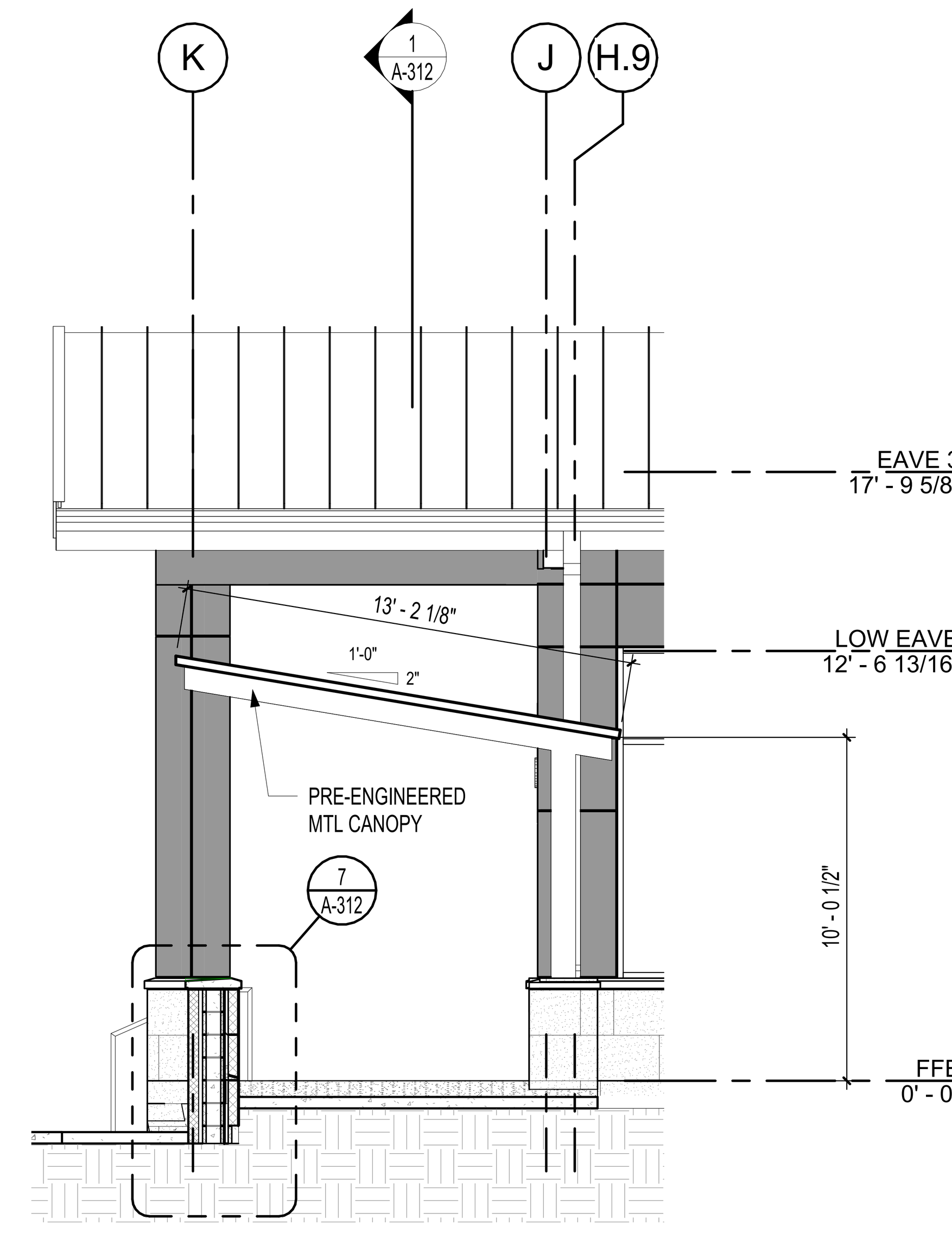


4 PIPE RAIL DETAIL
3/4" = 1'-0"

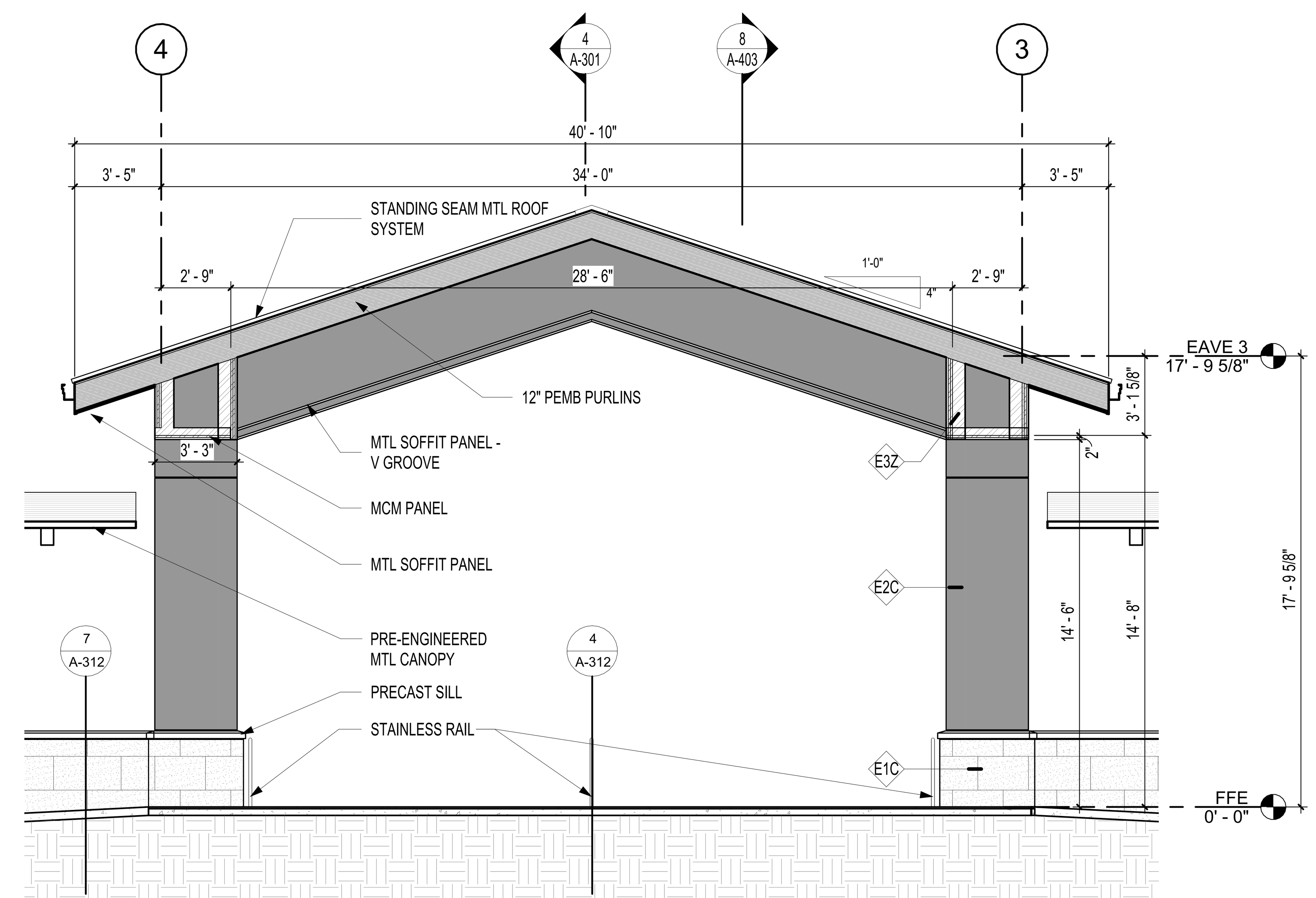
SCALE : 3/4" = 1'-0"



3 TARMAC CANOPY ELEVATION
1/4" = 1'-0"



2 SECTION THRU TARMAC CANOPY
1/4" = 1'-0"



1 SECTION THRU SOUTH ENTRY
1/4" = 1'-0"

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

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TERMINAL REPLACEMENT
3921 LINDBERGH DRIVE
JONESBORO, AR 72401

COOPER MIXON ARCHITECTS
LL237
REGISTERED ARCHITECTS
ARKANSAS
10/14/2024

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SHEET NUMBER
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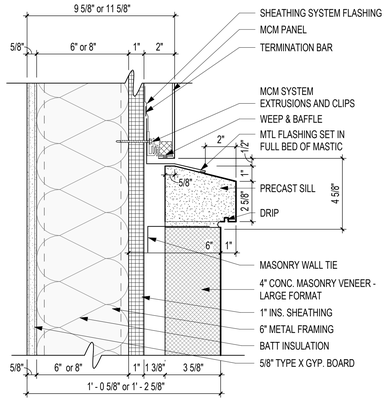
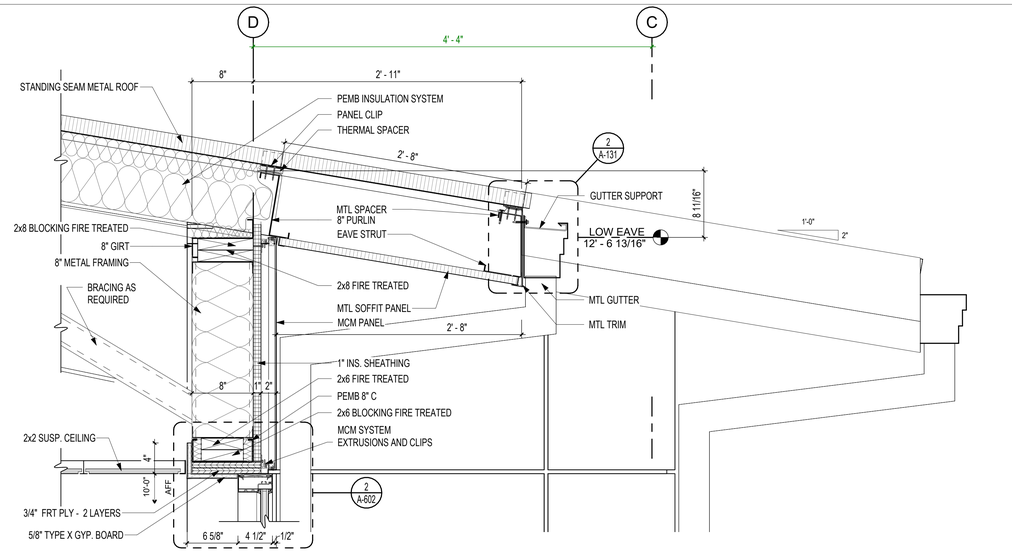


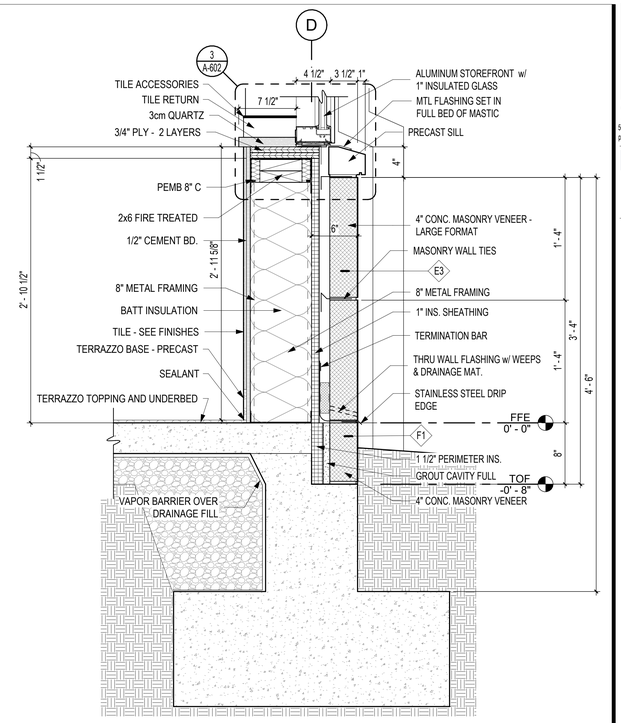
6 MCM SILL AT PRECAST
3" = 1'-0"

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

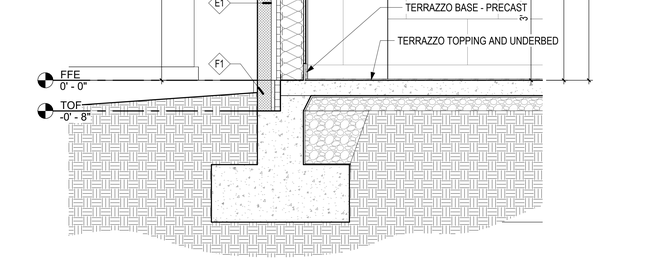


5 EAVE 1 DETAIL
1 1/2" = 1'-0"

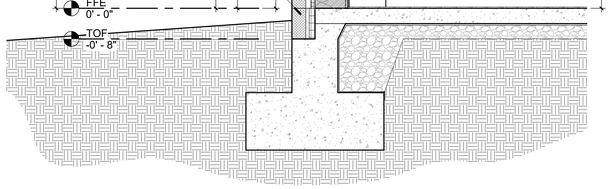
SCALE : 1-1/2" = 1'-0"



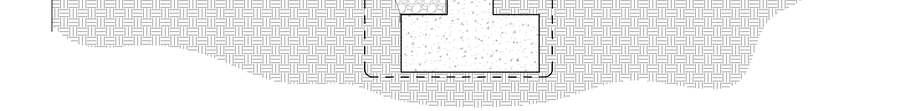
4 MASONRY WAINSCOT AT WINDOW
1 1/2" = 1'-0"



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



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



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

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

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LL237
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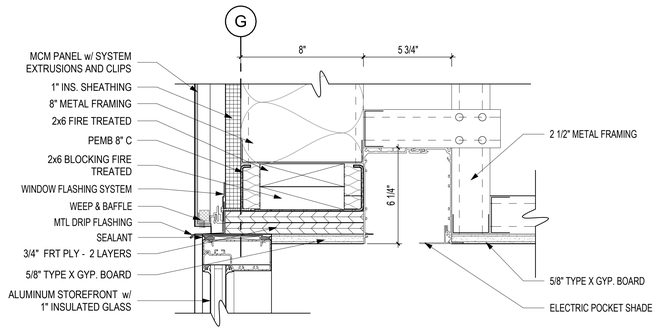
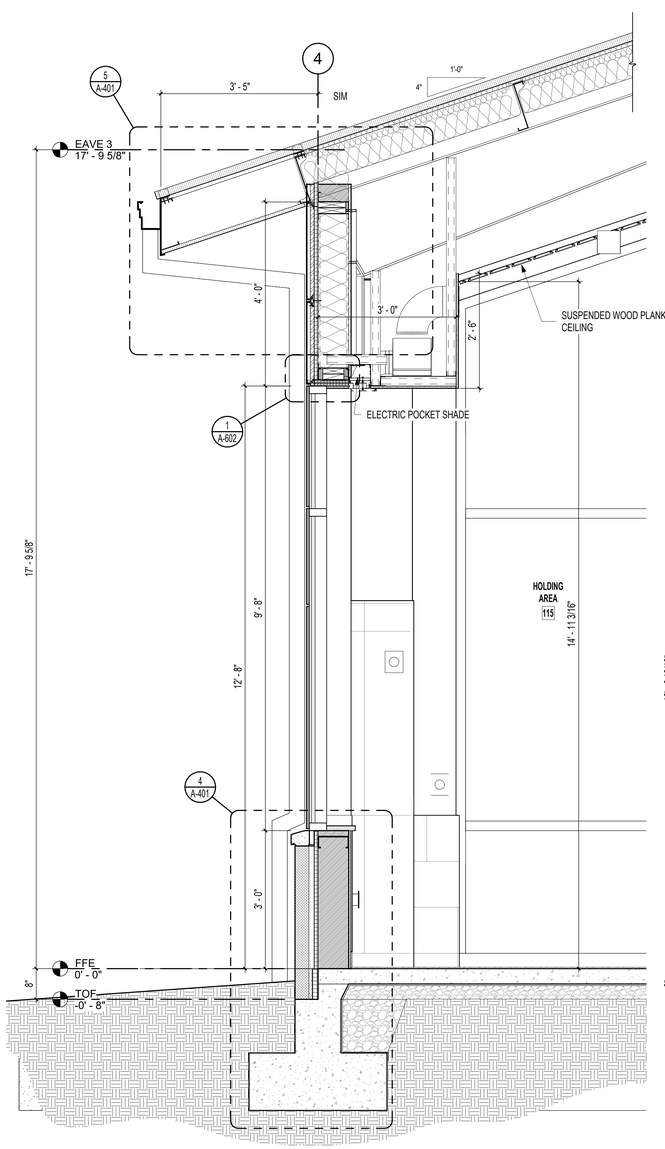
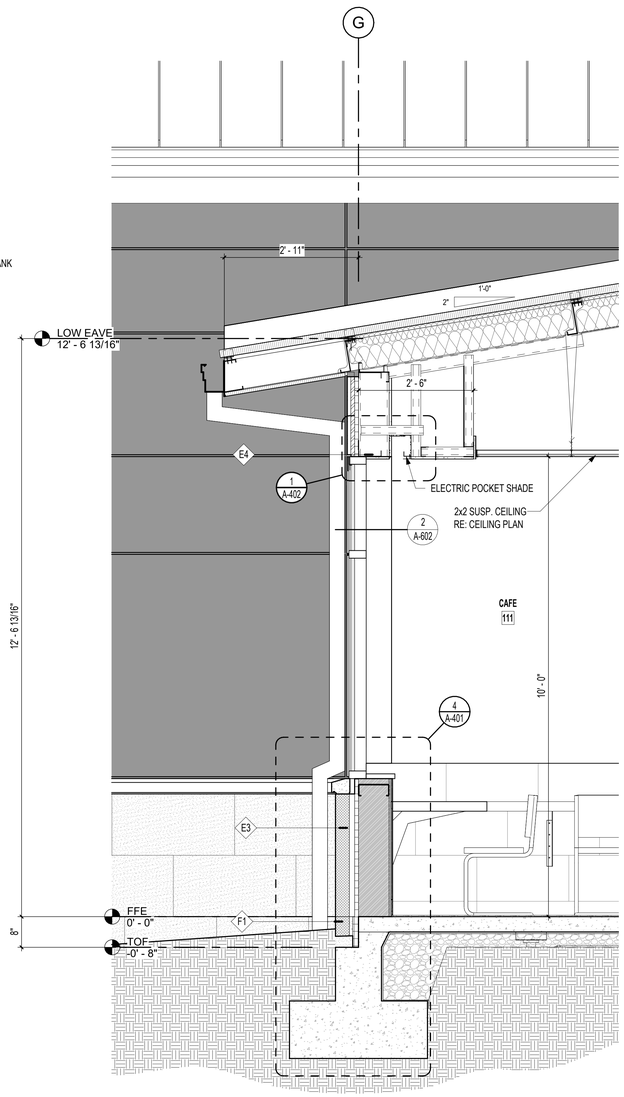


1 HEAD DETAIL AT POCKET SHADE
3" = 1'-0"

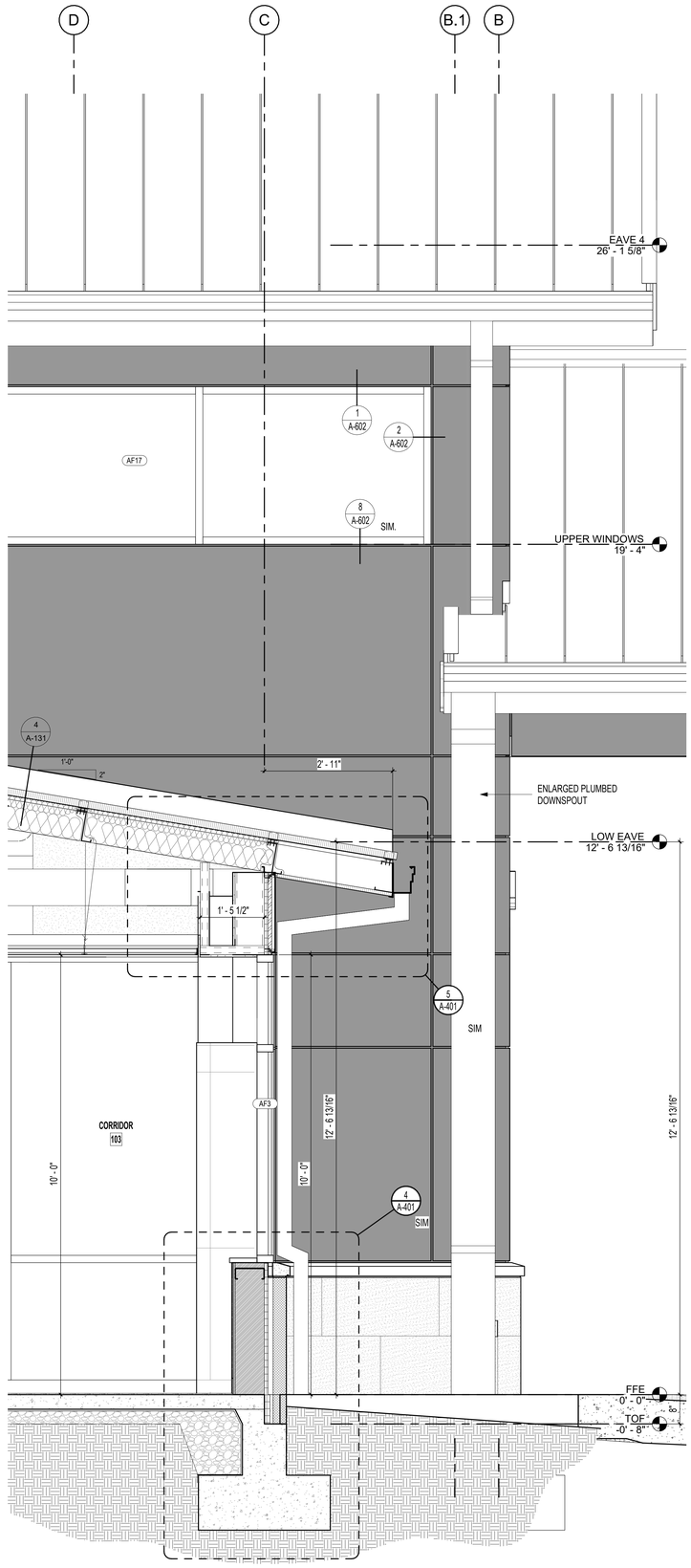
SCALE : 3" = 1'-0"



6 WALL SECTION 6
3/4" = 1'-0"



5 WALL SECTION 5
3/4" = 1'-0"



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

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

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JONESBORO, AR 72401

LL237
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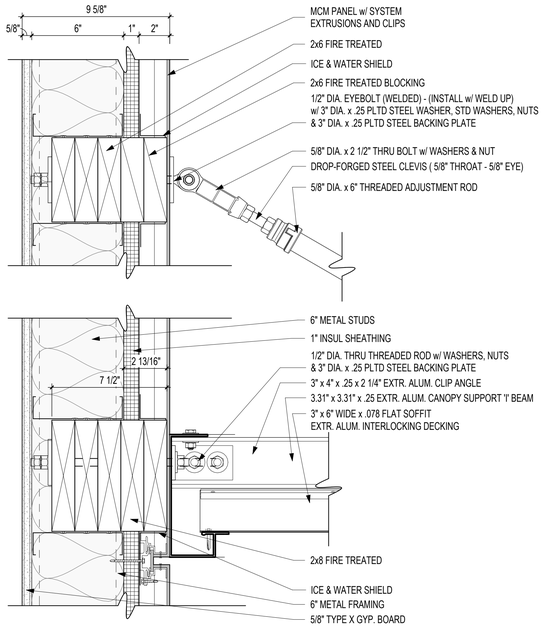
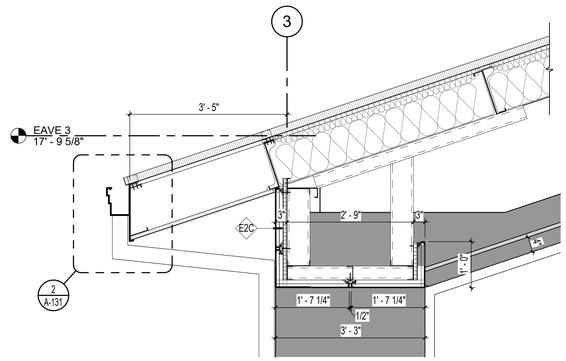
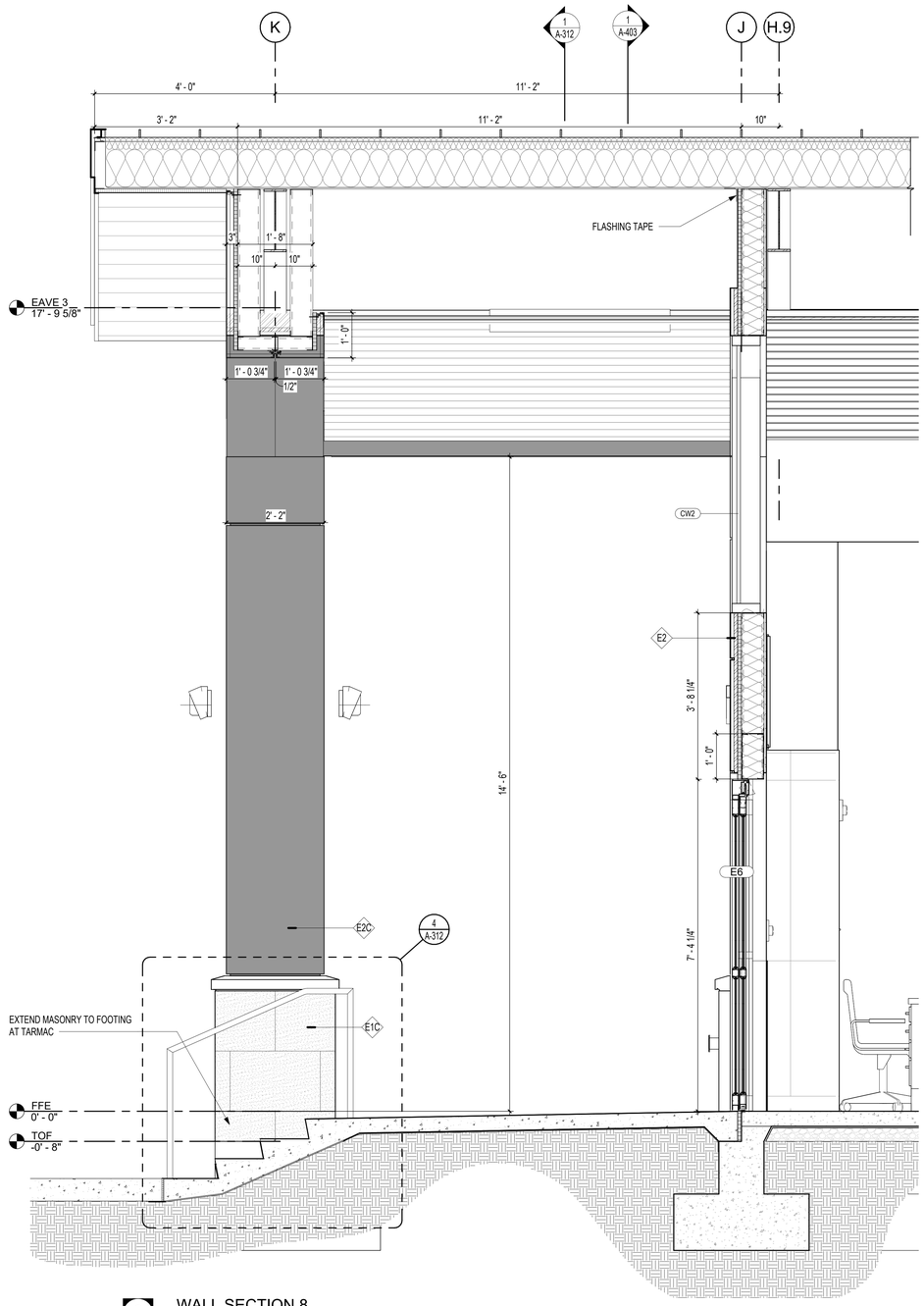


2 CANOPY AT MCM
3" = 1'-0"

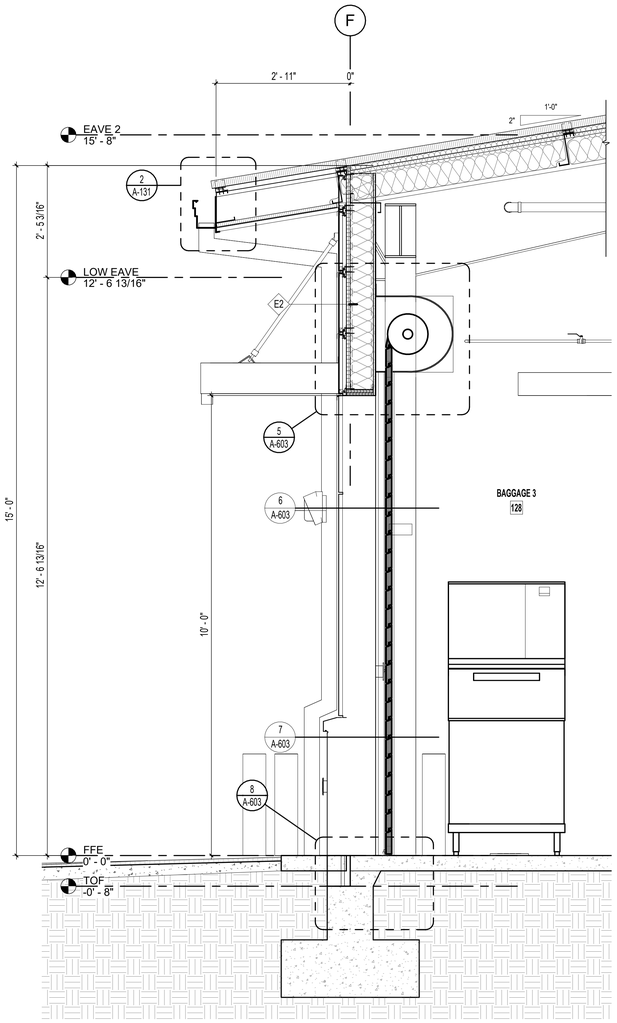
SCALE : 3" = 1'-0"



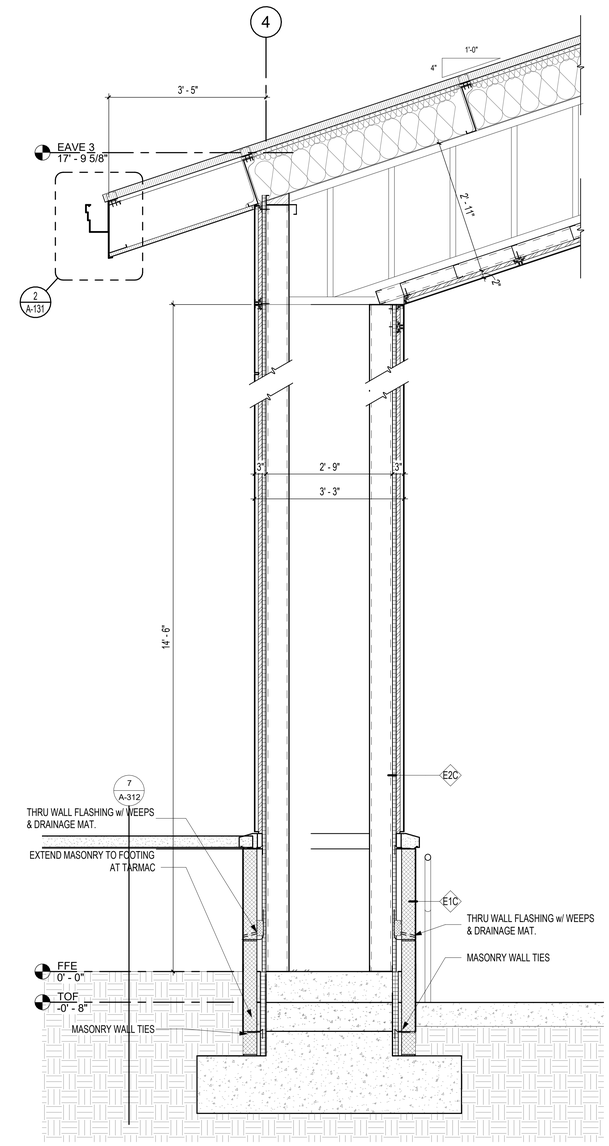
1 SOUTH CANOPY SECTION
3/4" = 1'-0"



8 WALL SECTION 8
3/4" = 1'-0"



9 WALL SECTION 9
3/4" = 1'-0"



7 WALL SECTION 7
3/4" = 1'-0"

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

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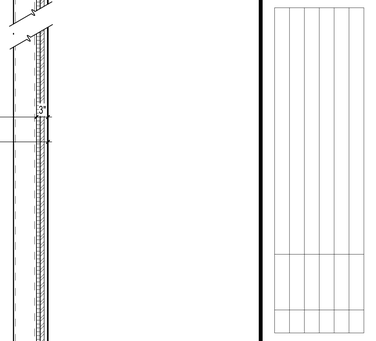
3921 LINDBERGH DRIVE
JONESBORO, AR 72401



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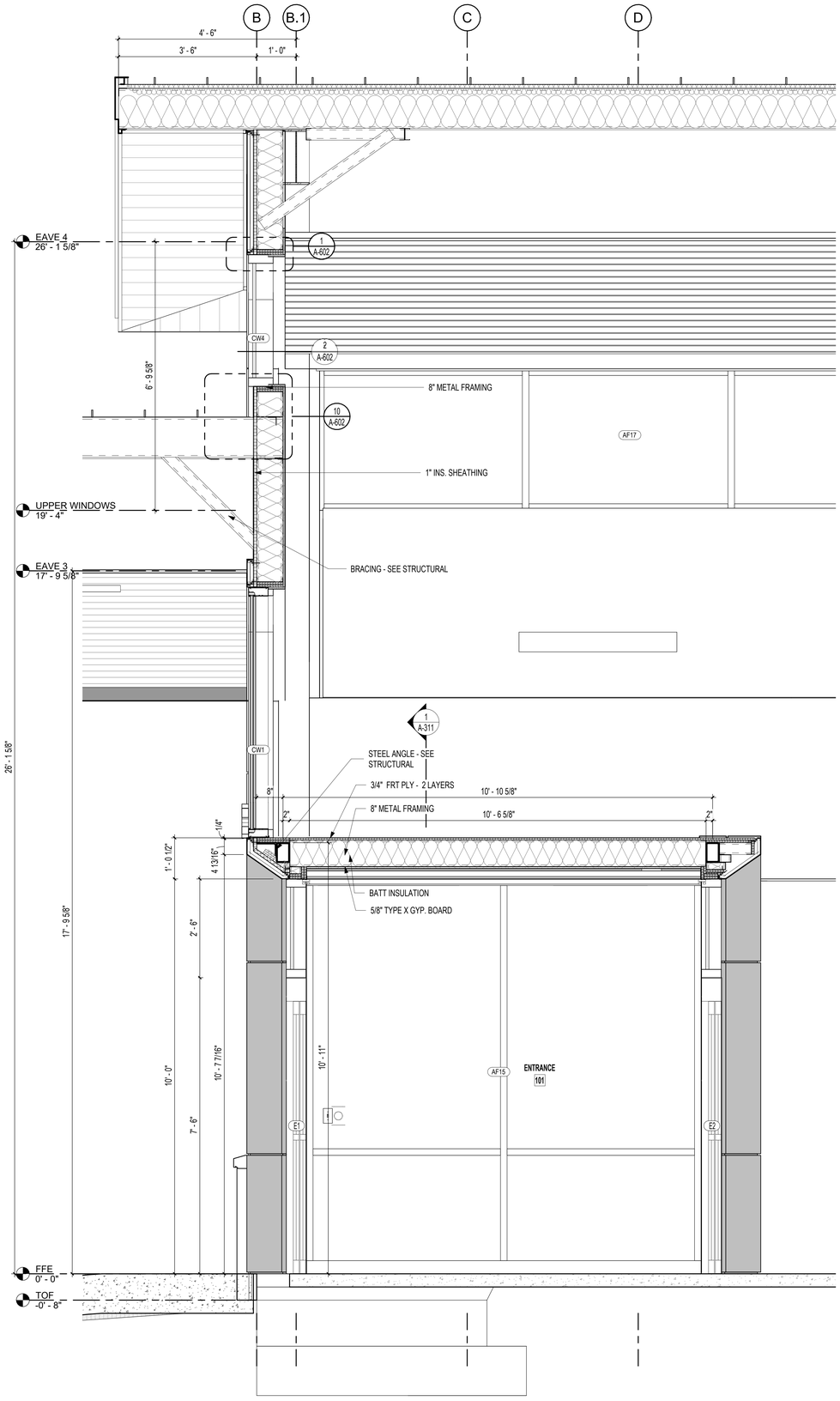
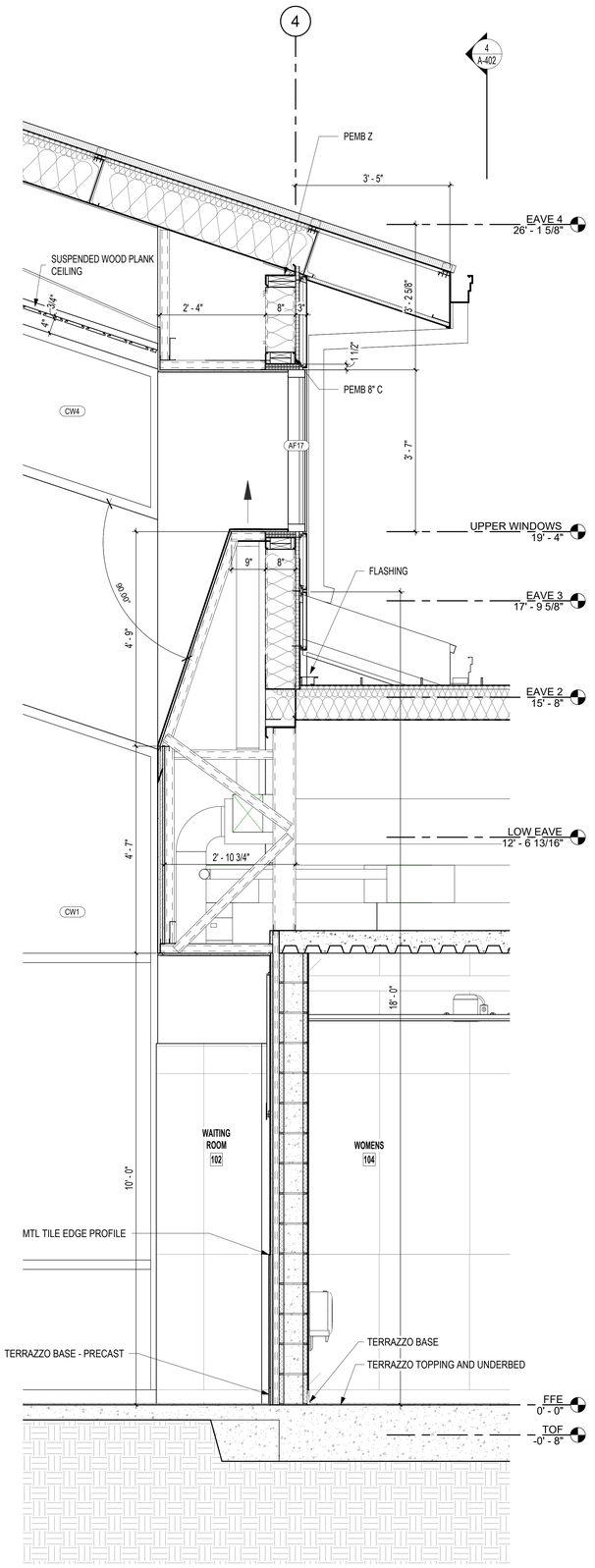
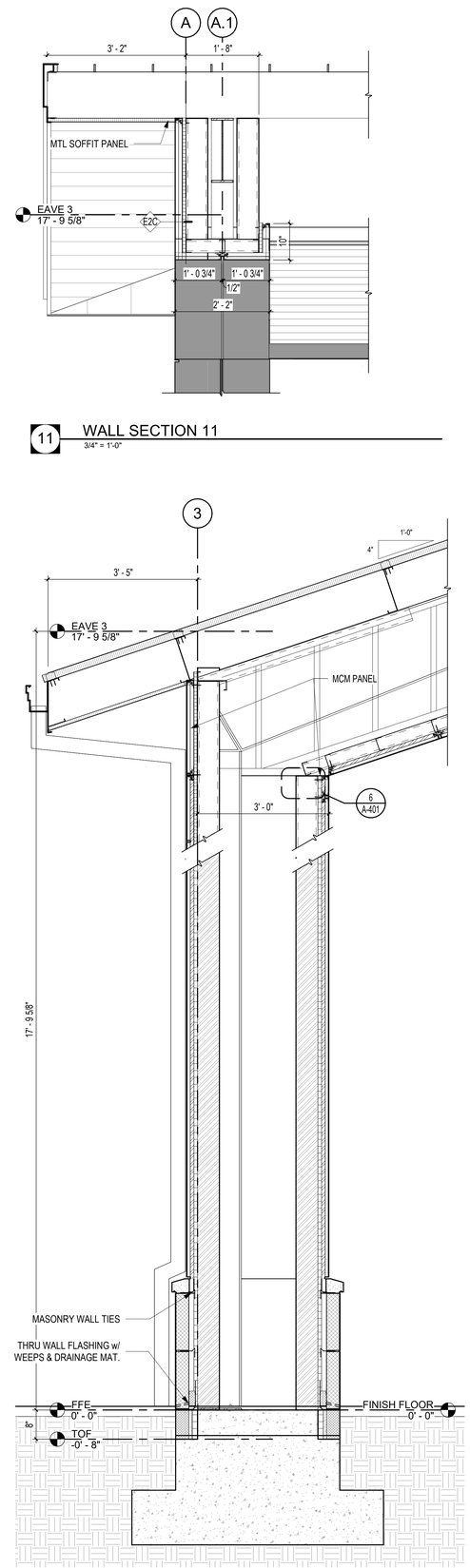


13 WALL SECTION 13
3/4" = 1'-0"



12 WALL SECTION 12
3/4" = 1'-0"



10 WALL SECTION 10
3/4" = 1'-0"

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

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3921 LINDBERGH DRIVE
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COOPER MIXON ARCHITECT LL237 REGISTERED ARCHITECT STATE OF ARKANSAS
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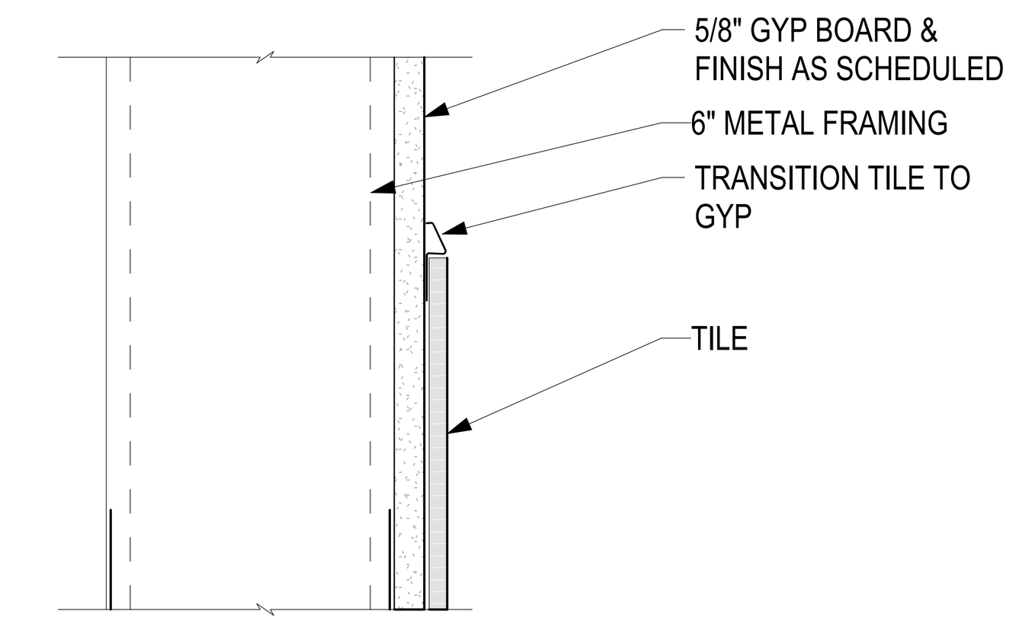
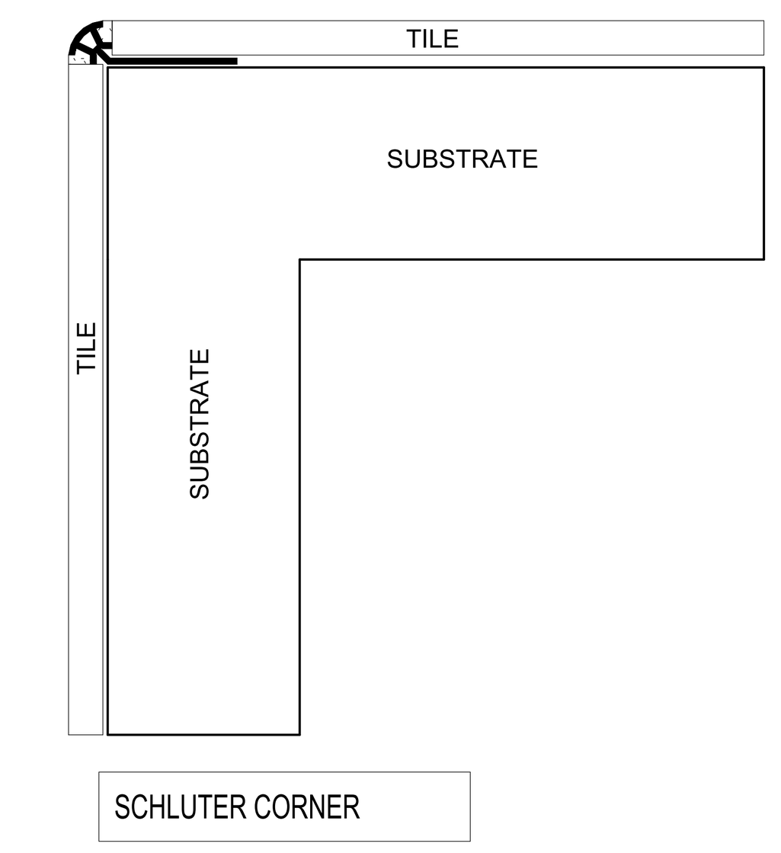
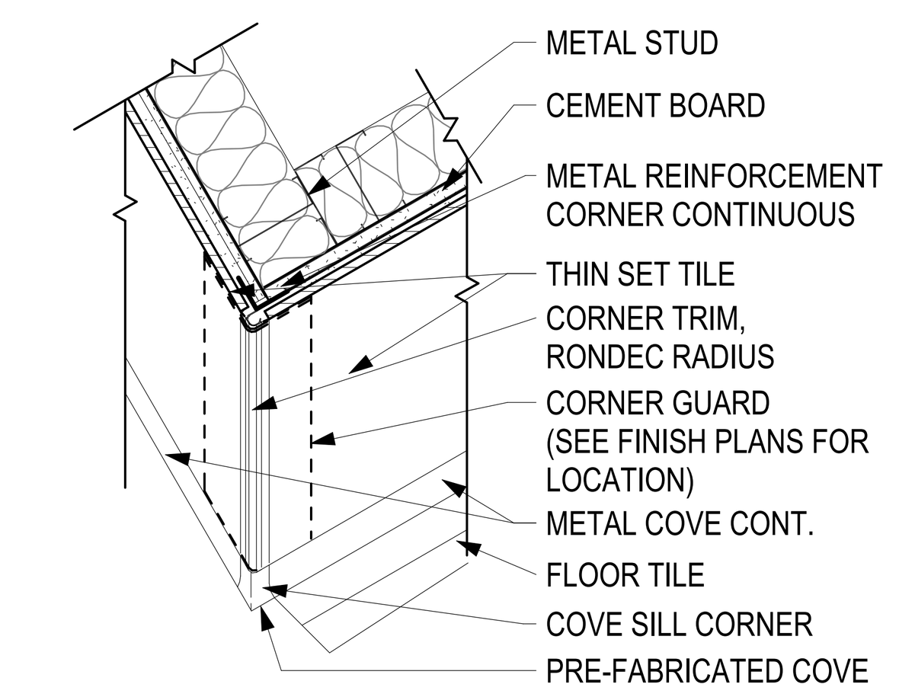


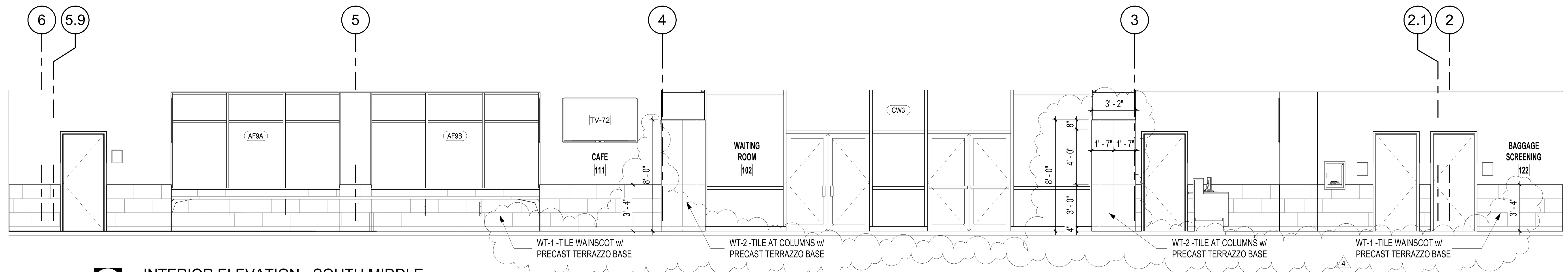
3 TILE TO GYP TRANSITION
3" = 1'-0"
SCALE : 3" = 1'-0"



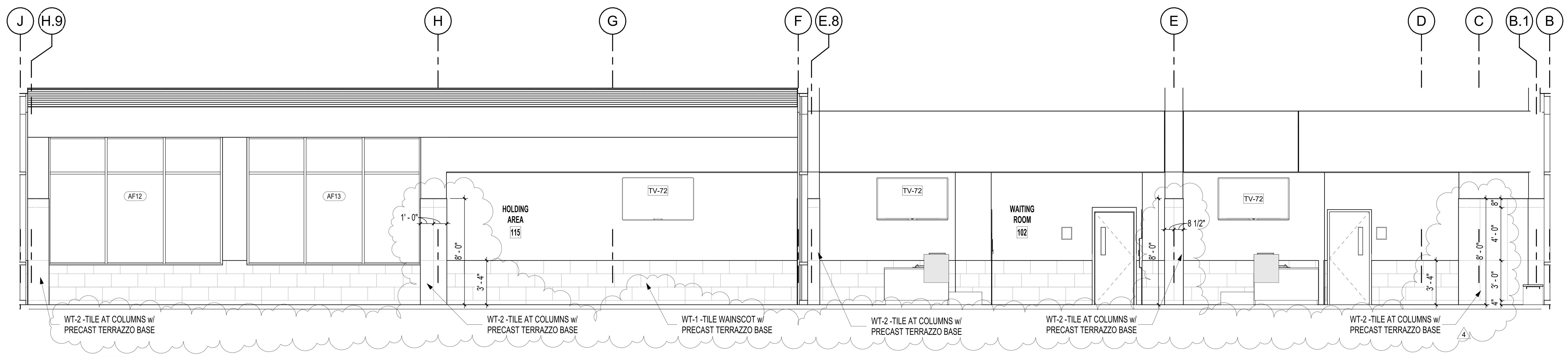
2 TILE DETAILS
6" = 1'-0"
SCALE : 6" = 1'-0"



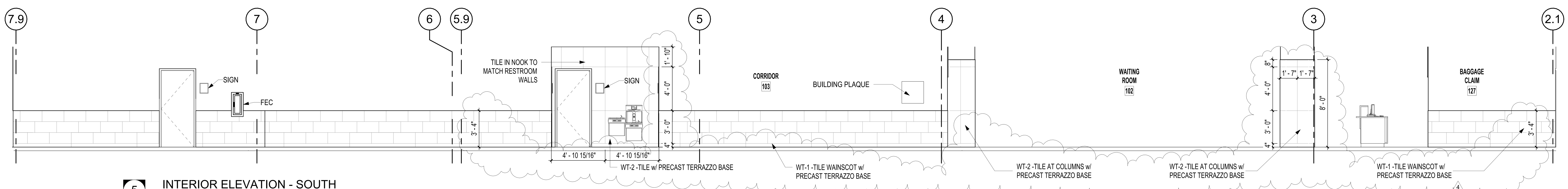
1 TILE CORNER AND BASE TRIM
1 1/2" = 1'-0"
SCALE : 1-1/2" = 1'-0"



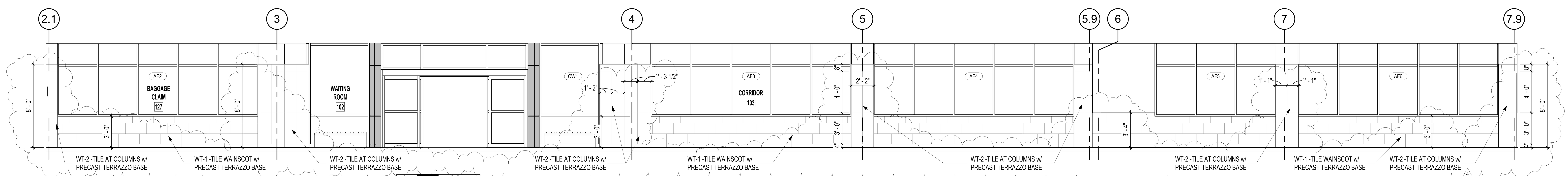
7 INTERIOR ELEVATION - SOUTH MIDDLE
1/4" = 1'-0"



6 INTERIOR ELEVATION - WEST
1/4" = 1'-0"



5 INTERIOR ELEVATION - SOUTH
1/4" = 1'-0"



4 INTERIOR ELEVATION - NORTH
1/4" = 1'-0"
SCALE : 1/4" = 1'-0"

5/1/2025 5:07:24 PM

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INTERIOR ELEVATIONS

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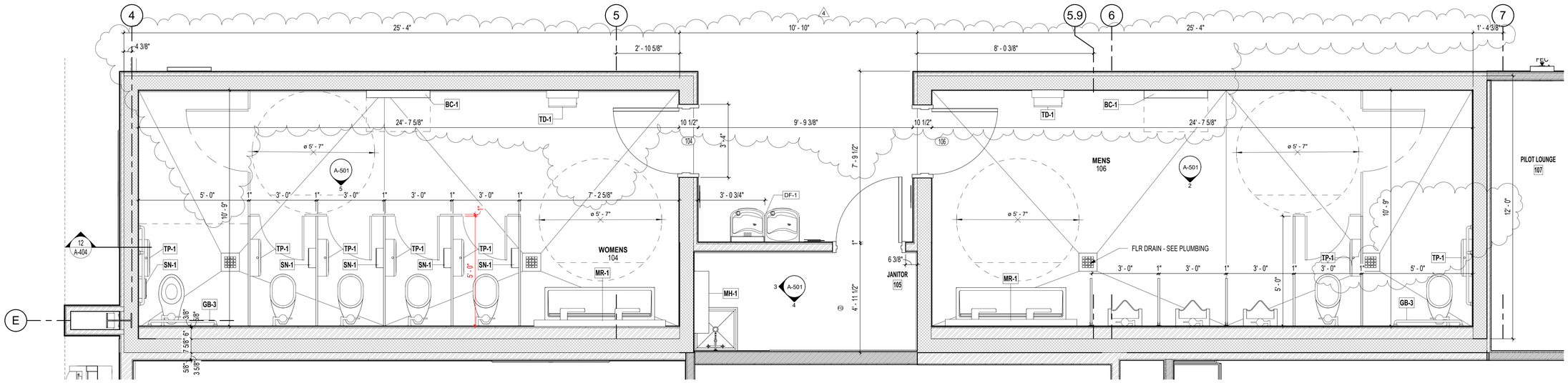
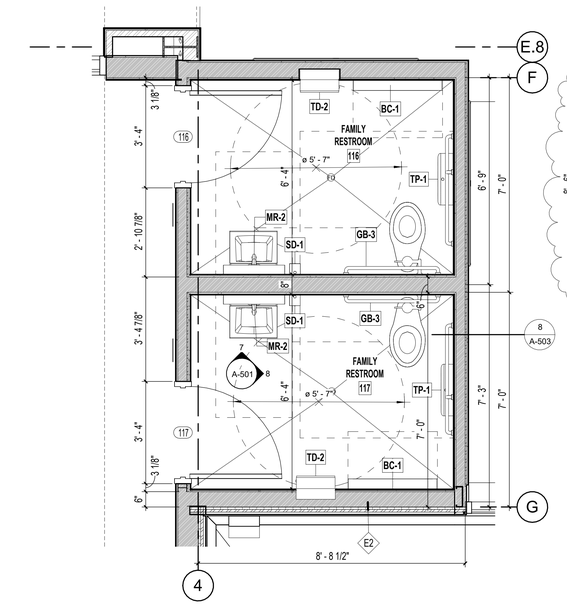
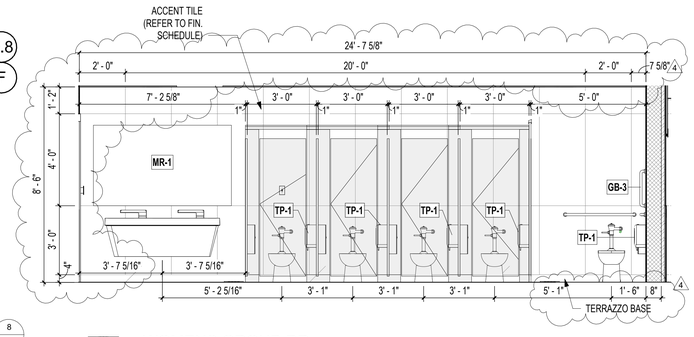


1 ENLARGED GROUP RESTROOMS & JANITOR
1/2" = 1'-0"

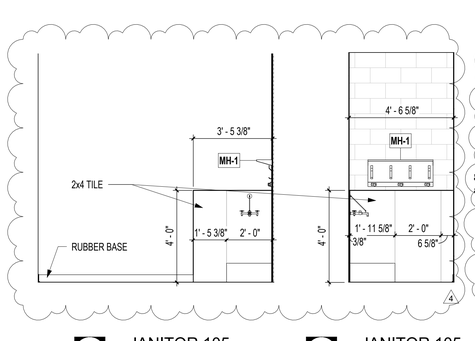


6 ENLARGED FAMILY RESTROOM PLAN
1/2" = 1'-0"

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

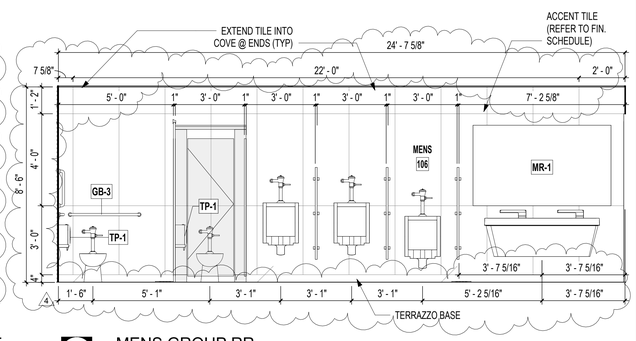


5 WOMENS GROUP RR
3/8" = 1'-0"

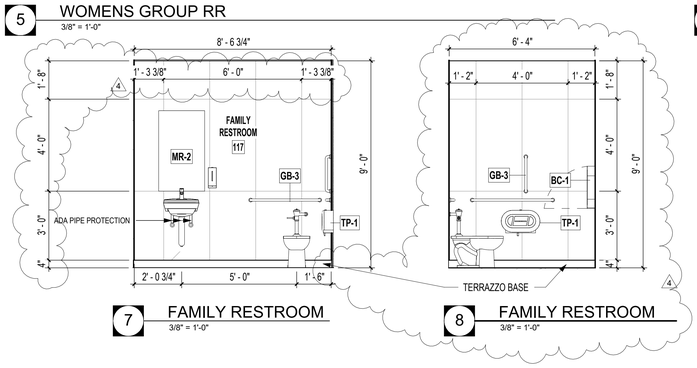


4 JANITOR 105
3/8" = 1'-0"

3 JANITOR 105
3/8" = 1'-0"

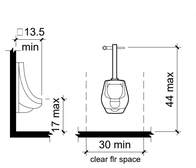


2 MENS GROUP RR
3/8" = 1'-0"

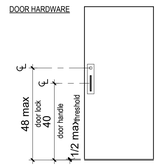


7 FAMILY RESTROOM
3/8" = 1'-0"

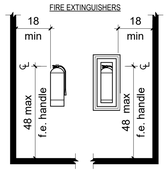
8 FAMILY RESTROOM
3/8" = 1'-0"



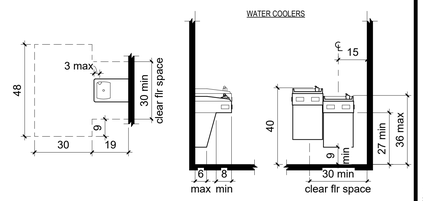
ADA URINAL
3/8" = 1'-0"



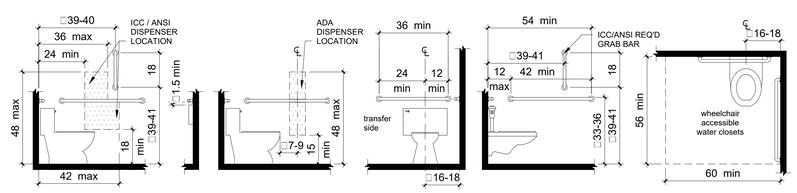
ADA DOOR HARDWARE
3/8" = 1'-0"



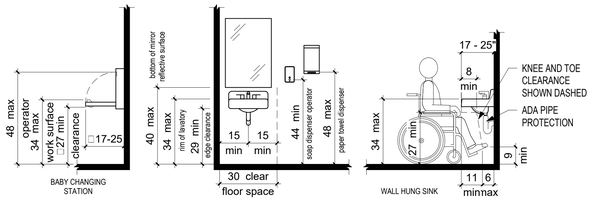
ADA FIRE EXTINGUISHERS
3/8" = 1'-0"



ADA DRINKING FOUNTAIN
3/8" = 1'-0"



ADA WHEELCHAIR ACCESSIBLE WATER CLOSET
3/8" = 1'-0"



ADA SINK AND ACCESSORIES
3/8" = 1'-0"

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

RESTROOM SPECIALTY EQUIPMENT SCHEDULE

TAG	DESCRIPTION
BC-1	BABY CHANGING STATION
GB-3	3 PIECE GRAB BAR
MH-1	UTILITY SHELF W/ MOP & BROOM HOLDER
MR-1	42" X 72" FRAMED TEMPERED GLASS MIRROR
MR-2	24" X 42" FRAMED TEMPERED GLASS MIRROR
SD-1	AUTOMATIC WALL MOUNTED FOAM SOAP DISPENSER
SN-1	SANITARY NAPKIN RECEPTACLE
TD-1	COMBINATION PAPER TOWEL DISPENSER/WASTE RECEPTACLE - SURFACE MOUNTED
TD-2	COMBINATION PAPER TOWEL DISPENSER/WASTE RECEPTACLE - RECESSED
TP-1	TWIN JUMBO ROLL TOILET TISSUE DISPENSER

SHEET NOTES

1. REFER TO ACCESSORY SCHEDULE AND ADA STANDARDS FOR MOUNTING HEIGHTS.
2. ALL WALL TILE TO EXTEND TO TOP OF WALL @ LIGHT COVE.
3. REFER TO CLG PLANS FOR VARIED ELEVATIONS.
4. TOILET PARTITIONS TO BE FLOOR SUPPORTED WITH SSTL FASTENERS.
5. REFER TO ACCESSORY PLAN FOR ADDITIONAL ACCESSORY INFORMATION.
6. TOILET PARTITIONS AND URINAL SCREENS; CONFIRM LAYOUT PRIOR TO CONCEALING IN THE WALL.
7. METAL COVE TRIM TO BE PROVIDED AT ALL WALL TILE FLOOR INTERSECTIONS
8. RADIUSED METAL TRIM TO BE PROVIDED AT ALL TILES CORNERS.
9. ALL RESTROOM HOSE BIBS SHALL BE UNDER COUNTER, RECESSED & KEYED OPERATION
10. REFER TO PLUMBING DRAWINGS FOR ALL PLUMBING FIXTURES
11. FIXTURES WITHOUT CHASE WAYS SHALL BE FLOOR MOUNTED, U.N.O.
12. ALL ADA PLUMBING FIXTURES TO BE MOUNTED PER ADA REQUIREMENTS, INCLUDING RELATIONSHIP TO ACCESSORIES.
13. VERIFY ALL WALL DEPTHS FOR RECESSED UNITS AS PART OF FRAMING LAYOUT.
14. VERIFY ROUGH IN, LOCATION & MOUNTING HT OF ALL ACCESSORIES PRIOR TO CONCEALING FRAMING.
15. ALL MOUNTED SINKS SHALL BE INSTALLED WITH CONCEALED CARRIERS.

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JONESBORO MUNICIPAL AIRPORT
TERMINAL REPLACEMENT
3921 LINDBERGH DRIVE
JONESBORO, AR 72401

4	04/01/2025	ASI 001

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ARKANSAS
10/14/2024

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PROJECT NO.
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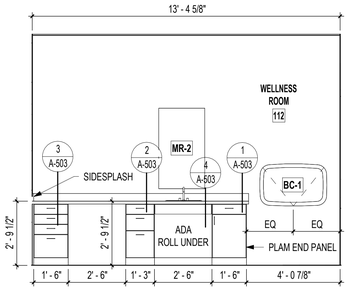
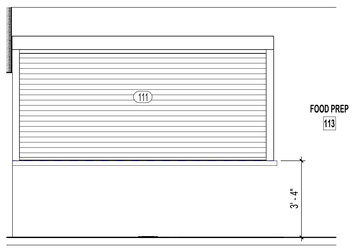
CONTENTS
ENLARGED TOILET PLANS & ELEVATIONS

SHEET NUMBER
A-501

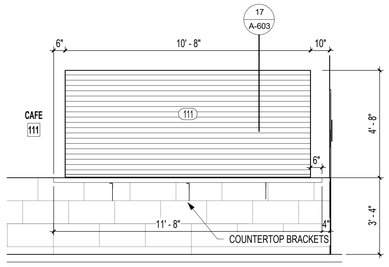
5/1/2025 5:07:27 PM



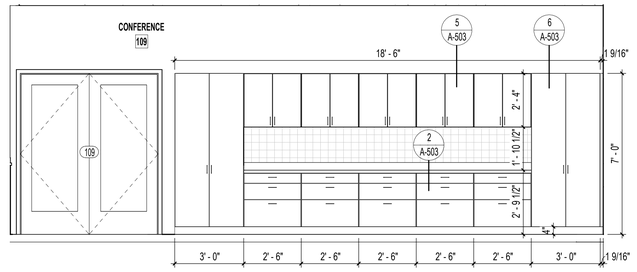
5 WELLNESS RM 113
3/8" = 1'-0"



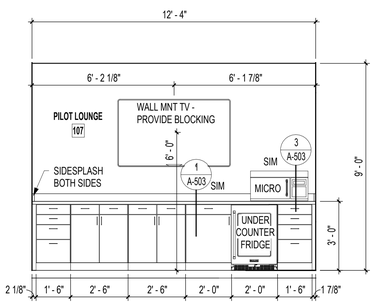
4 CAFE 111 BACK
3/8" = 1'-0"



3 CAFE 111
3/8" = 1'-0"

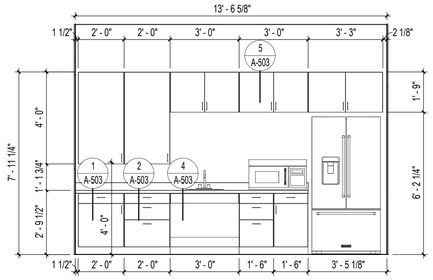


2 CONFERENCE 109
3/8" = 1'-0"



1 PILOT LOUNGE 107
3/8" = 1'-0"

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



9 BREAK ROOM 118
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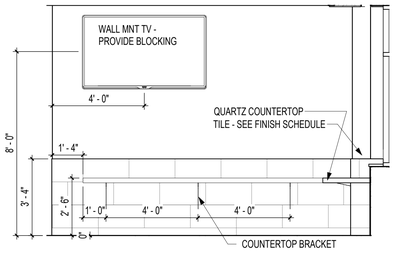
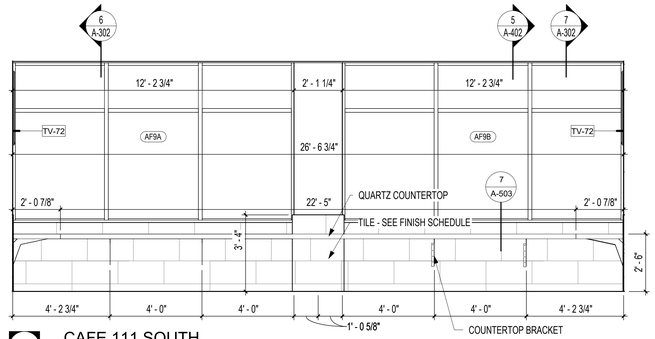
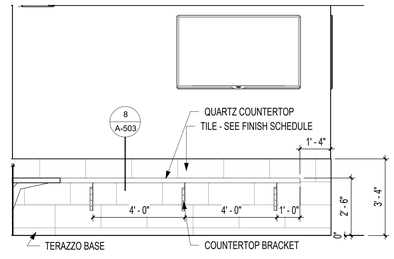


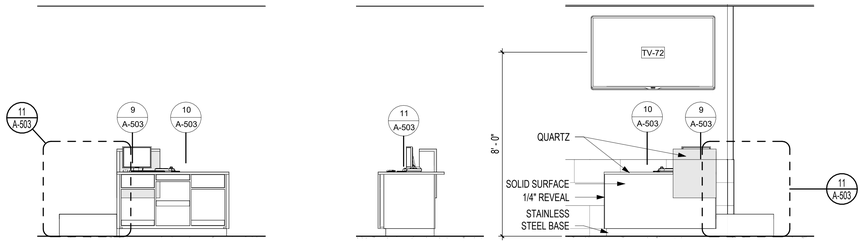
8 CAFE 111 EAST
3/8" = 1'-0"



7 CAFE 111 SOUTH
3/8" = 1'-0"



6 CAFE 111 WEST
3/8" = 1'-0"



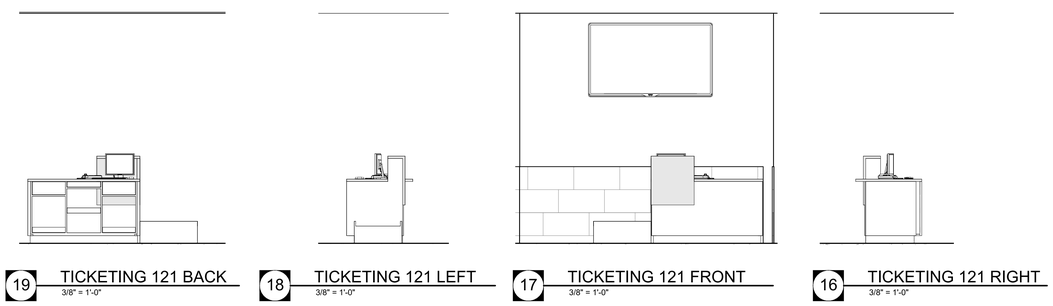
14 TICKETING 120 BACK
3/8" = 1'-0"

13 TICKETING 120 LEFT
3/8" = 1'-0"

12 TICKETING 120 FRONT
3/8" = 1'-0"

11 TICKETING 120 RIGHT
3/8" = 1'-0"

10 ENLARGED TICKETING 120 PLAN
3/8" = 1'-0"



19 TICKETING 121 BACK
3/8" = 1'-0"

18 TICKETING 121 LEFT
3/8" = 1'-0"

17 TICKETING 121 FRONT
3/8" = 1'-0"

16 TICKETING 121 RIGHT
3/8" = 1'-0"

15 ENLARGED TICKETING 121 PLAN
3/8" = 1'-0"

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JONESBORO MUNICIPAL AIRPORT TERMINAL REPLACEMENT

3921 LINDBERGH DRIVE
JONESBORO, AR 72401

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STATE OF ARKANSAS
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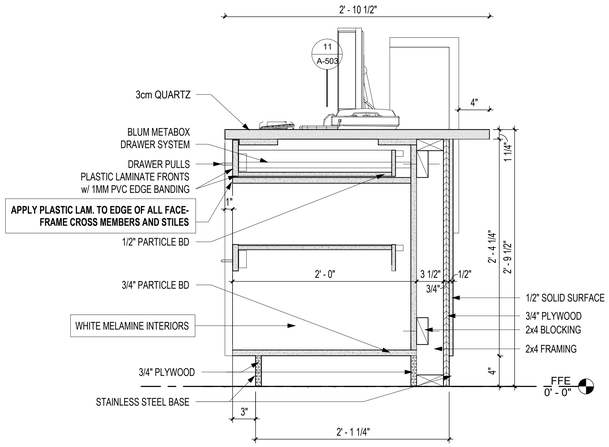
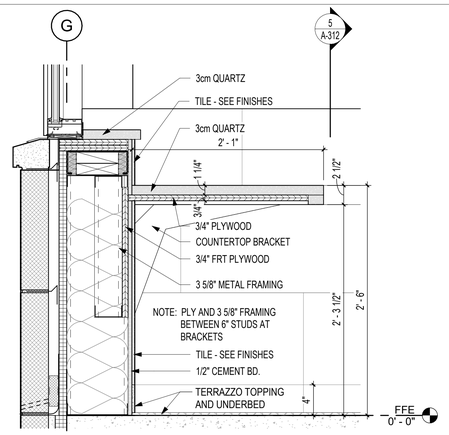
SHEET NUMBER
A-502

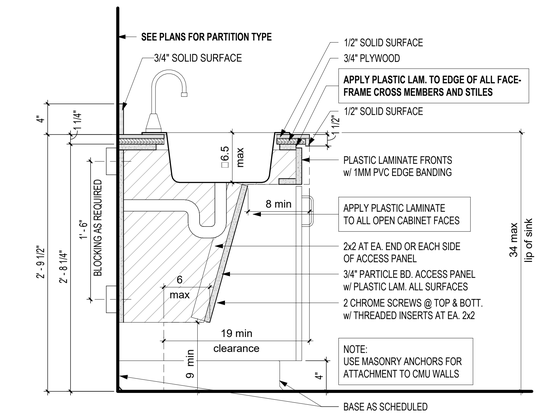
3/3/2025 10:27:43 AM



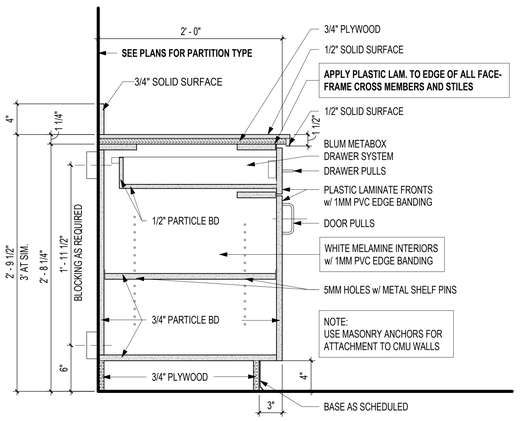
10 TICKETING COUNTER
1 1/2" = 1'-0"



7 SEATING AT WINDOW
1 1/2" = 1'-0"

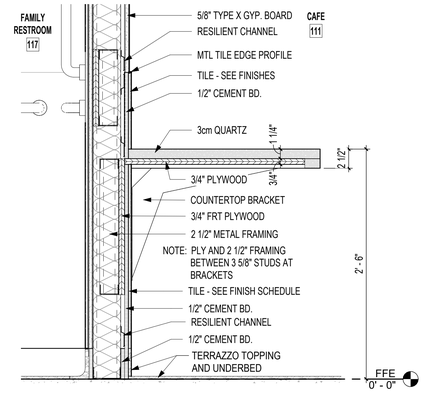


4 ADA SINK ACCESS PANEL - SOLID SURFACE TOP
1 1/2" = 1'-0"

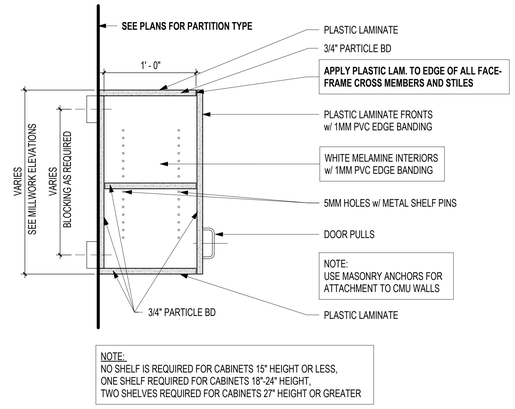


1 TYPICAL BASE CABINET - SOLID SURFACE TOP - 2'-9.5"
1 1/2" = 1'-0"

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

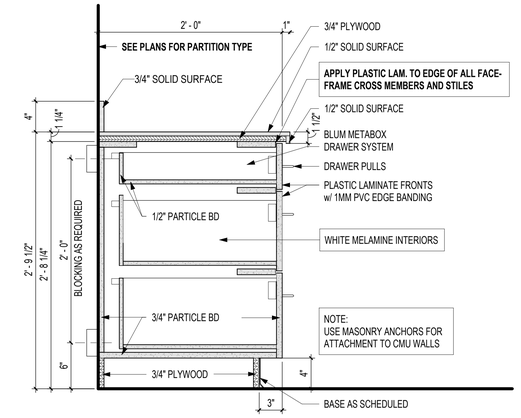


8 SEATING AT WALL
1 1/2" = 1'-0"

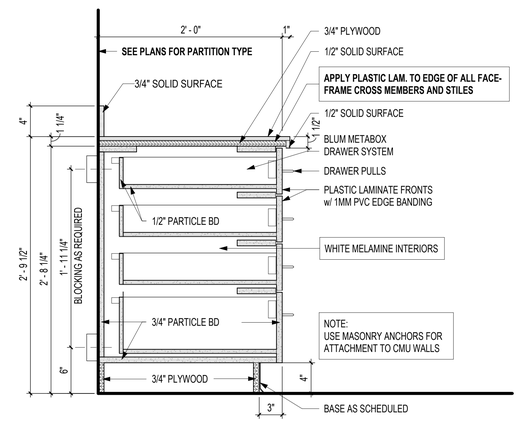


NOTE:
NO SHELF IS REQUIRED FOR CABINETS 15" HEIGHT OR LESS,
ONE SHELF REQUIRED FOR CABINETS 18"-24" HEIGHT,
TWO SHELVES REQUIRED FOR CABINETS 27" HEIGHT OR GREATER

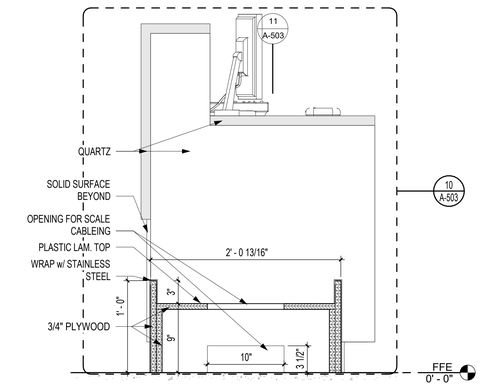
5 TYPICAL UPPER CABINET
1 1/2" = 1'-0"



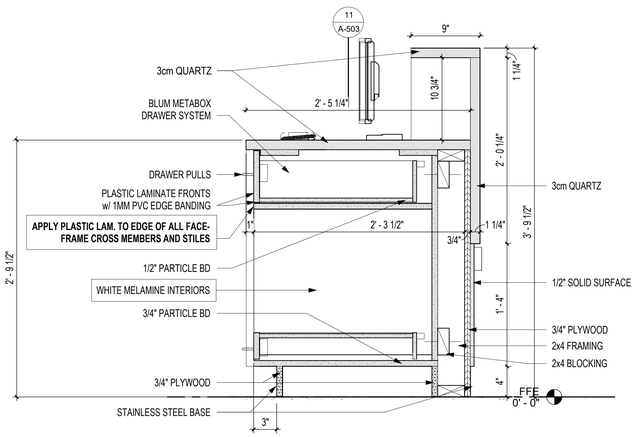
2 3 DRAWER BASE CABINET - SOLID SURFACE TOP
1 1/2" = 1'-0"



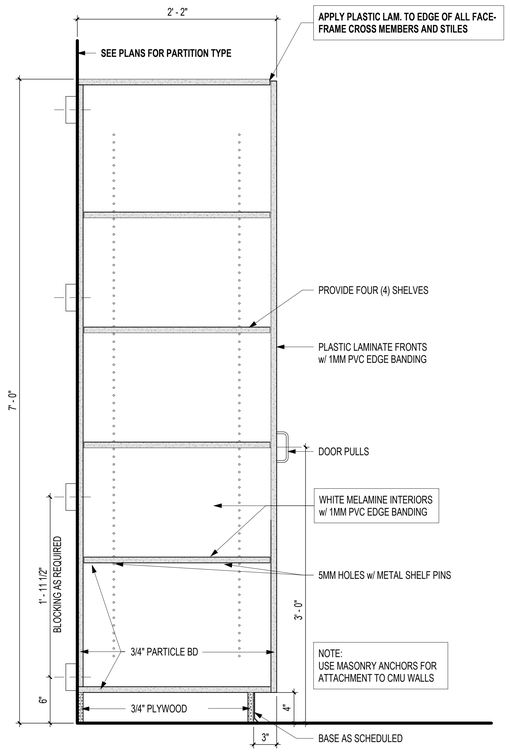
3 4 DRAWER BASE CABINET - SOLID SURFACE TOP - 2'-9.5"
1 1/2" = 1'-0"



12 SCALE PLATFORM
1 1/2" = 1'-0"



9 TICKETING AT UPPER
1 1/2" = 1'-0"



6 TALL VERTICAL CABINET
1 1/2" = 1'-0"

3 4 DRAWER BASE CABINET - SOLID SURFACE TOP - 2'-9.5"
1 1/2" = 1'-0"

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JONESBORO MUNICIPAL AIRPORT
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3921 LINDBERGH DRIVE
JONESBORO, AR 72401

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ARKANSAS
10/14/2024

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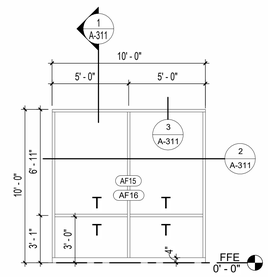
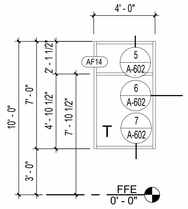
MILLWORK

SHEET NUMBER
A-503

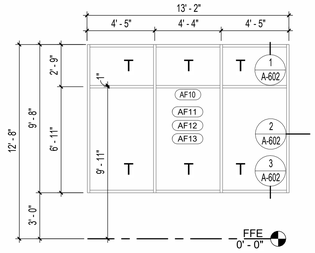
3/3/2025 10:27:48 AM



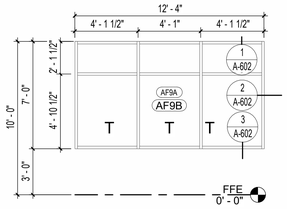
AF15 & AF16
1/4" = 1'-0"



AF14
1/4" = 1'-0"



AF10, AF11, AF12 & AF13
1/4" = 1'-0"



AF9A & AF9B
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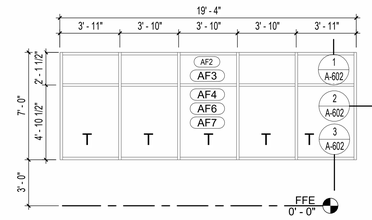
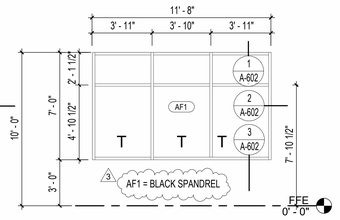


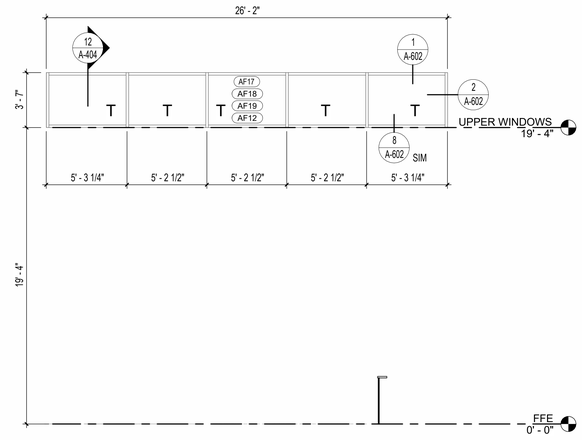
AF2, AF3, AF4, AF6 & AF7
1/4" = 1'-0"



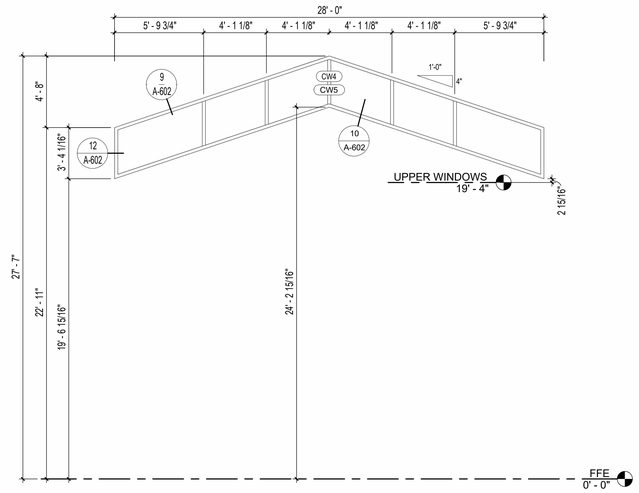
AF1, AF5 & AF8
1/4" = 1'-0"

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

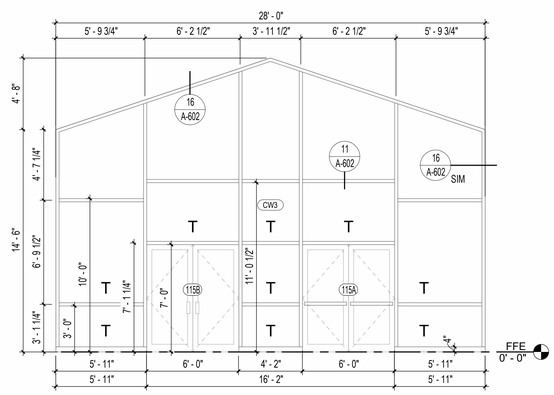
T = TEMPERED GLASS
SUPPLIER TO VARIFY
ALL TEMPERED PANELS
PER BUILDING CODES



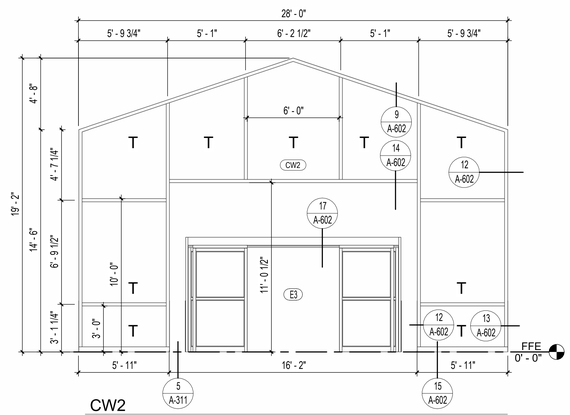
AF17, AF18, AF19 & AF20
1/4" = 1'-0"



CW4 & CW5
1/4" = 1'-0"



CW3
1/4" = 1'-0"



CW2
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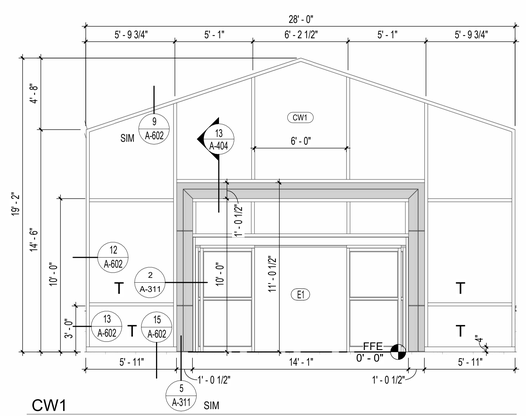

CW1
1/4" = 1'-0"

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JONESBORO MUNICIPAL AIRPORT
TERMINAL REPLACEMENT

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3	03/21/2025	ADDENDUM 003

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STATE OF ARKANSAS
10/14/2024

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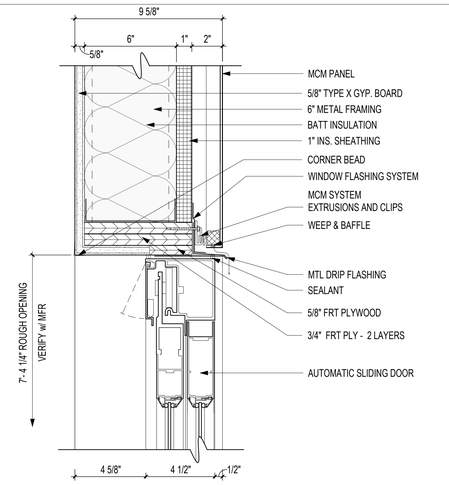
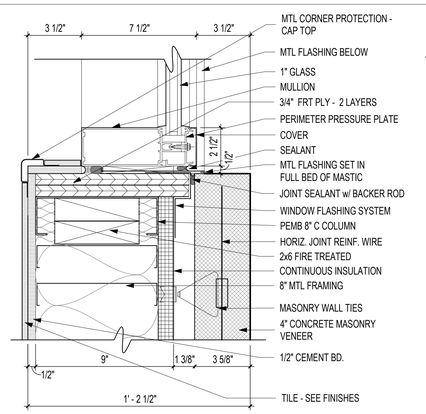
ALUMINUM FRAME & CURTAIN WALL ELEVATIONS

SHEET NUMBER
A-601

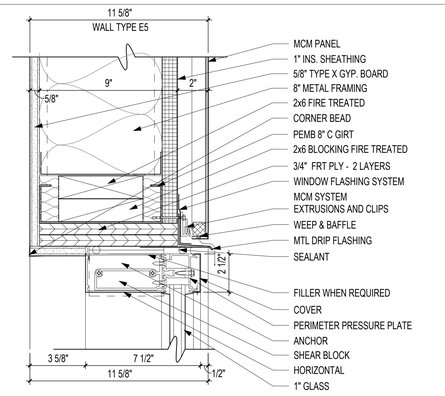
3/21/2025 2:56:42 PM



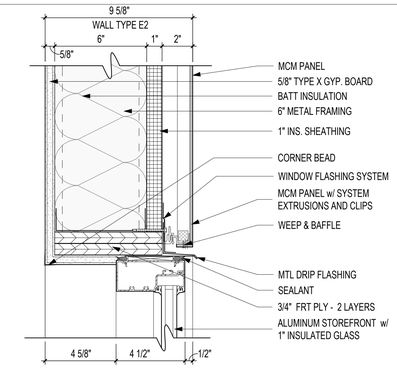
17 SLIDING DOOR HEAD AT MCM
3" = 1'-0"



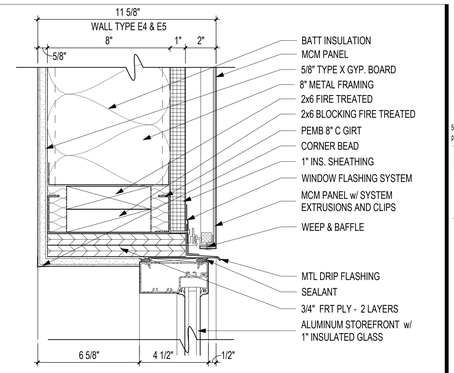
13 CW JAMB AT MASONRY
3" = 1'-0"



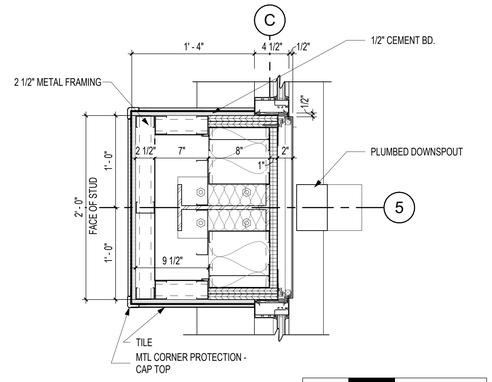
9 CW HEAD AT MCM
3" = 1'-0"



5 AF HEAD AT MCM
3" = 1'-0"

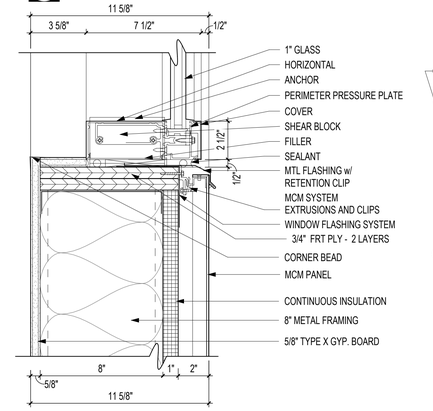


1 AF HEAD AT MCM 8"
3" = 1'-0"

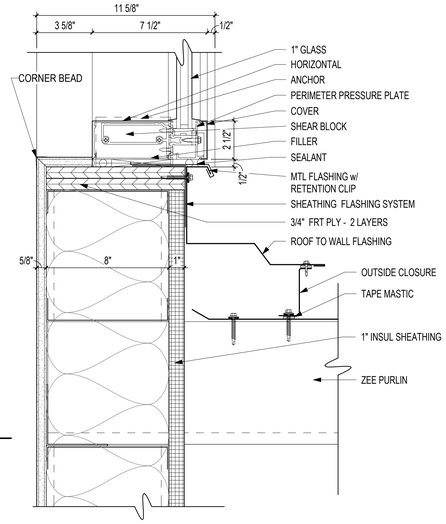


18 AF JAMB AT COLUMN
1 1/2" = 1'-0"

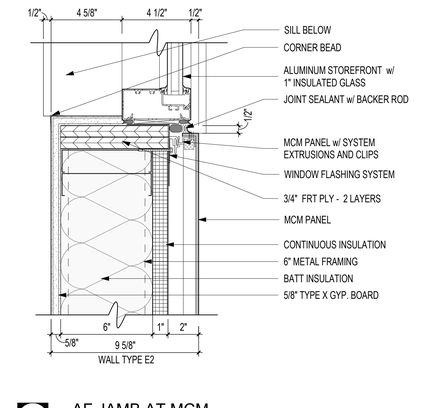
SCALE : 1-1/2" = 1'-0"



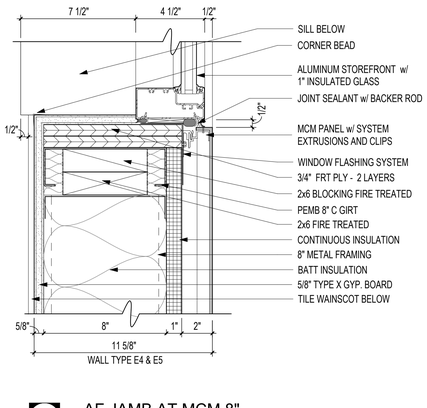
14 CW SILL AT MCM
3" = 1'-0"



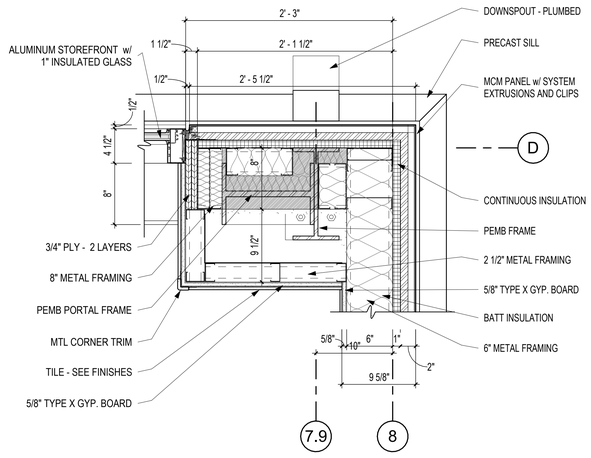
10 METAL ROOF TO WALL FLASHING AT CW
3" = 1'-0"



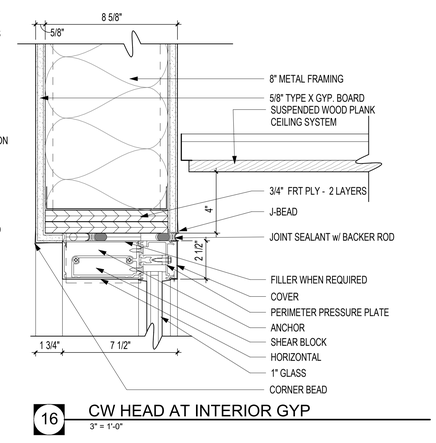
7 AF SILL AT PRECAST
3" = 1'-0"



3 AF SILL AT PRECAST 8"
3" = 1'-0"

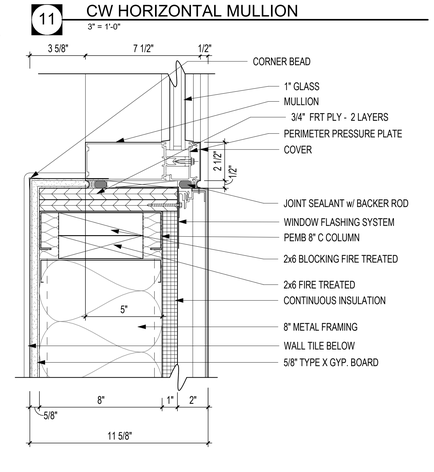


19 AF JAMB / CORNER DETAIL
1 1/2" = 1'-0"

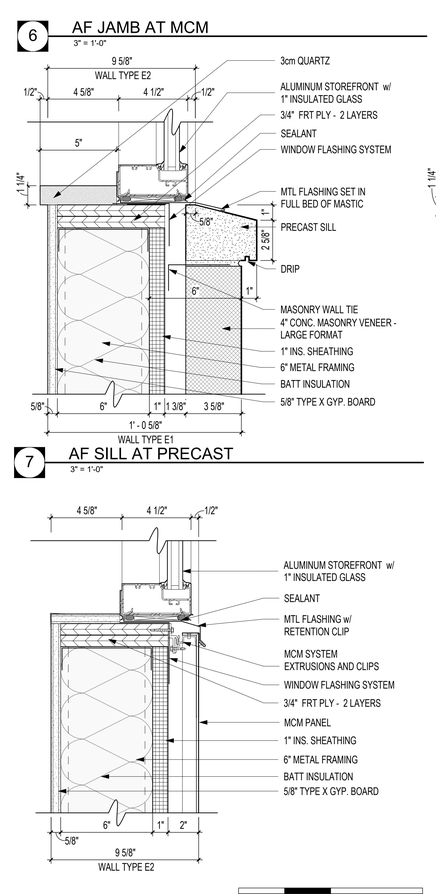


16 CW HEAD AT INTERIOR GYP
3" = 1'-0"

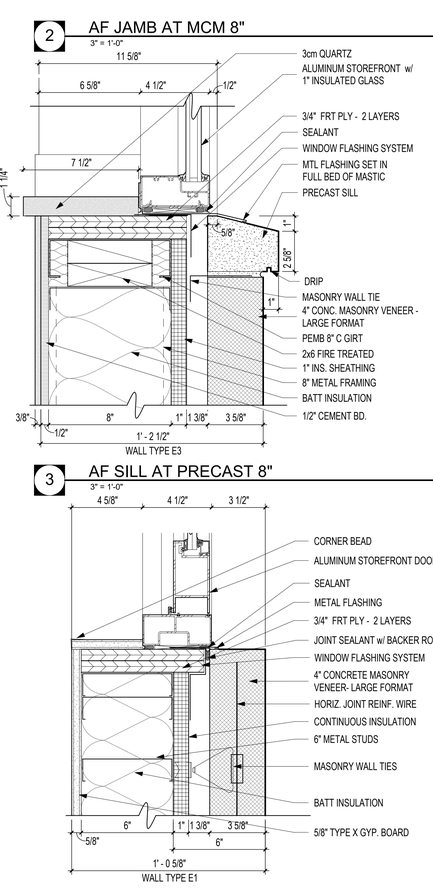
11 CW HORIZONTAL MULLION
3" = 1'-0"



12 CW JAMB AT MCM
3" = 1'-0"



6 AF JAMB AT MCM
3" = 1'-0"



2 AF JAMB AT MCM 8"
3" = 1'-0"

4 AF JAMB AT MASONRY
3" = 1'-0"

8 AF SILL AT MCM
3" = 1'-0"

SCALE : 3" = 1'-0"

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LITTLE ROCK, AR 72201

JONESBORO MUNICIPAL AIRPORT TERMINAL REPLACEMENT

3921 LINDBERGH DRIVE
JONESBORO, AR 72401

LL237
REGISTERED ARCHITECT
STATE OF ARKANSAS
10/14/2024

CONSTRUCTION DOCUMENTS

PROJECT NO.
2226

PROJECT NAME
TERMINAL REPLACEMENT

DATE
10/14/2024

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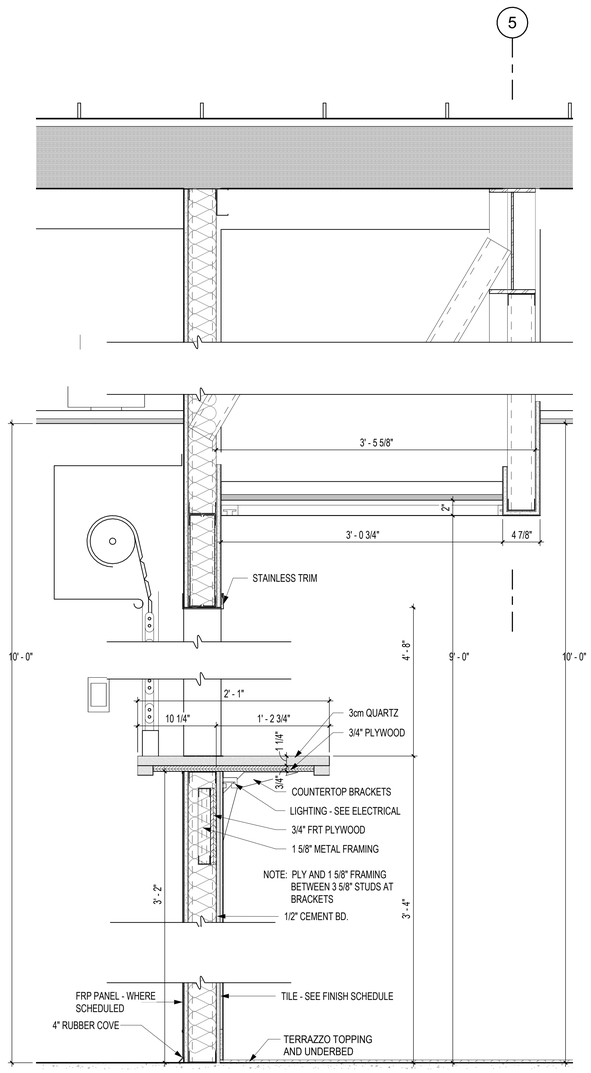
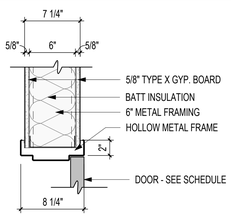
ALUMINUM FRAME & CURTAIN WALL DETAILS

SHEET NUMBER
A-602

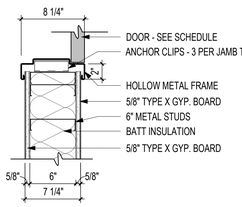
3/3/2025 10:28:07 AM



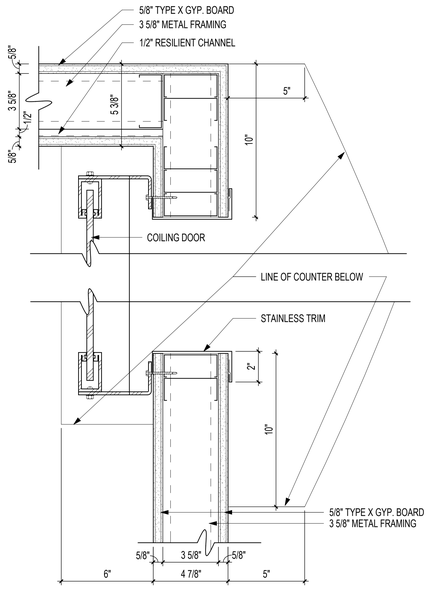
17 INT. COILING HEAD & SILL
1 1/2" = 1'-0"



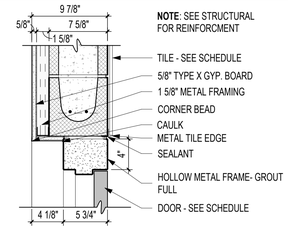
14 M6S/.6G.6 - HMF HEAD DETAIL
1 1/2" = 1'-0"



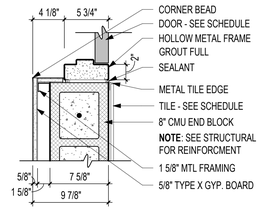
15 M6S/.6G.6 - HMF JAMB DETAIL
1 1/2" = 1'-0"



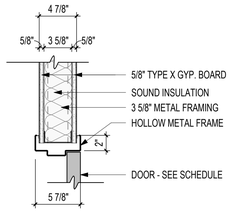
16 INTERIOR COILING JAMB DETAIL
3" = 1'-0"



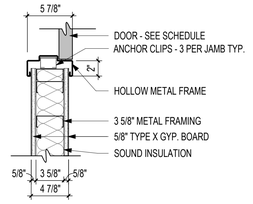
9 HMF HEAD AT MASONRY
1 1/2" = 1'-0"



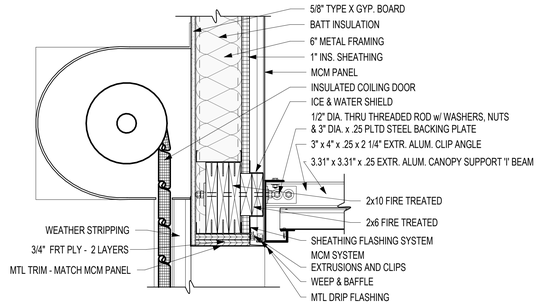
10 HMF JAMB AT MASONRY
1 1/2" = 1'-0"



11 M3.6S/.6G.6 - HMF HEAD DETAIL
1 1/2" = 1'-0"

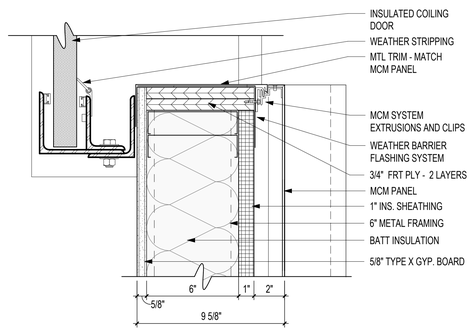


12 M3.6S/.6G.6 - HMF JAMB DETAIL
1 1/2" = 1'-0"

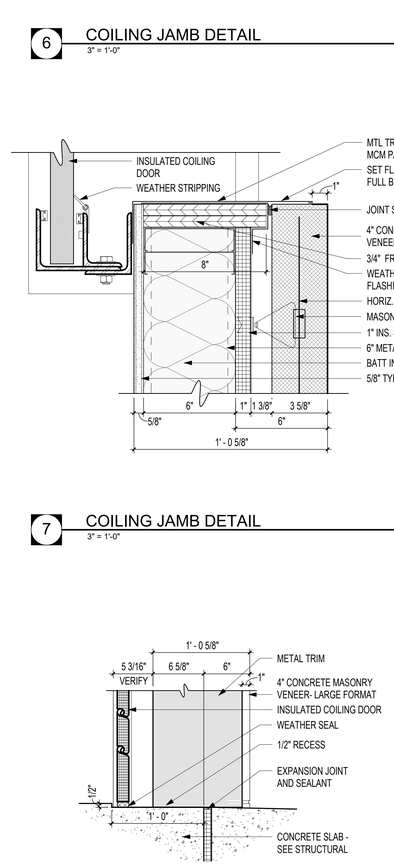


5 M6/MCM/I1/G.6 - COILING HEAD AT MCM
1 1/2" = 1'-0"

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

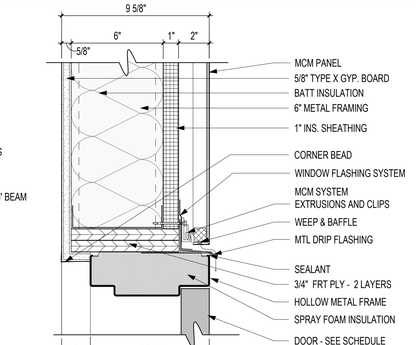


6 COILING JAMB DETAIL
3" = 1'-0"



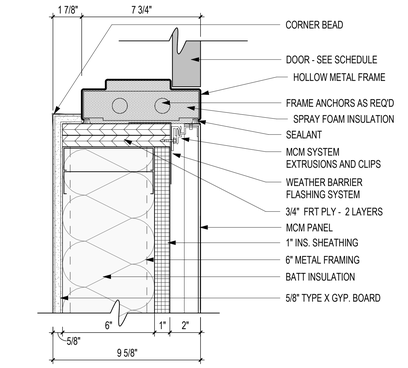
7 COILING JAMB DETAIL
3" = 1'-0"

8 COILING SILL DETAIL
1 1/2" = 1'-0"

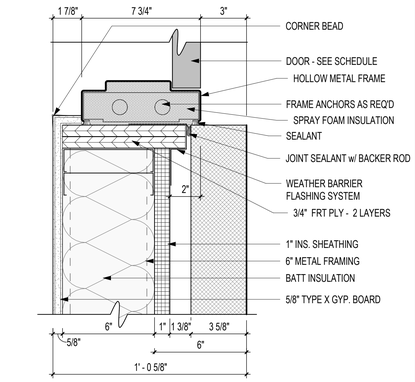


1 HMF HEAD AT MCM
3" = 1'-0"

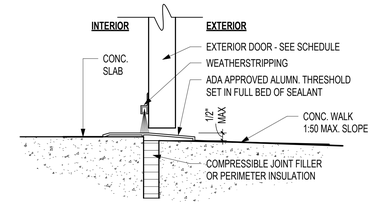
SCALE : 3" = 1'-0"



2 HMF JAMB AT MCM
3" = 1'-0"



3 HMF JAMB AT MASONRY
3" = 1'-0"



4 THRESHOLD DETAIL - EXTERIOR DOOR
3" = 1'-0"

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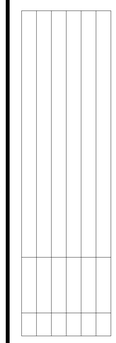
LITTLE ROCK, AR 72201

JONESBORO MUNICIPAL AIRPORT
TERMINAL REPLACEMENT
3921 LINDBERGH DRIVE
JONESBORO, AR 72401



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PROJECT NO.
2226

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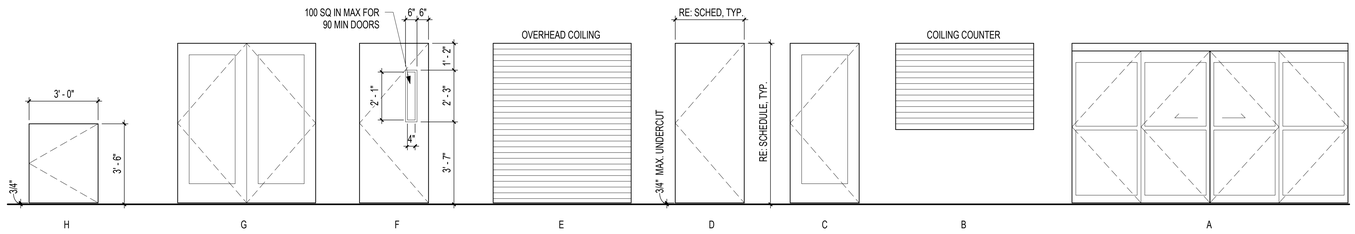
HOLLOW METAL FRAME DETAILS

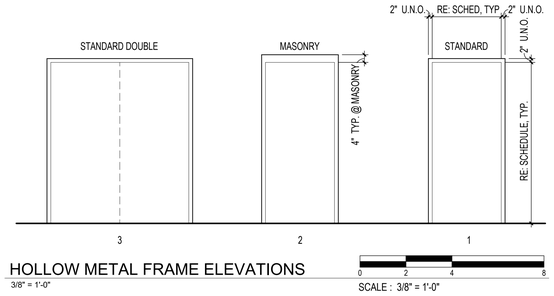
SHEET NUMBER
A-603

3/3/2025 10:28:12 AM



DOOR ELEVATIONS

3/8" = 1'-0"



HOLLOW METAL FRAME ELEVATIONS

3/8" = 1'-0"

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

DOOR SCHEDULE - EXTERIOR

DOOR NO.	OPENING SIZE WIDTH	OPENING SIZE HEIGHT	DOOR TYPE	DOOR MATERIAL	DOOR FINISH	FRAME TYPE	FRAME MATERIAL	FRAME FINISH	FRAME DETAILS HEAD DETAIL	FRAME DETAILS JAMB DETAIL	FRAME DETAILS SILL DETAIL	HDW SET	FIRE RATING	REMARKS
E1	14' - 0 1/2"	7' - 5 3/4"	A	ALUM / GLASS	ALUM	-	ALUM	ALUM	17/ A-602	2 / A-602 SIM	4 / A-603 SIM	1		
E2	14' - 0 1/2"	7' - 5 3/4"	A	ALUM / GLASS	ALUM	-	ALUM	ALUM	17/ A-602	2 / A-602 SIM	4 / A-603 SIM	1		
E3	14' - 0 1/2"	7' - 5 3/4"	A	ALUM / GLASS	ALUM	-	ALUM	ALUM	17/ A-602	2 / A-602 SIM	4 / A-603 SIM	1		
E5	3' - 0"	7' - 0"	C	ALUM / GLASS	ALUM	ALUM	ALUM	ALUM	5 / A-602 SIM	4&6 / A-602 SIM	4 / A-603	4		
E6	3' - 0"	7' - 0"	D	MTL	PTD	1	MTL	PTD	1/ A-603	2&3 / A-603	4 / A-603	5		
E7	3' - 0"	7' - 0"	C	ALUM / GLASS	ALUM	ALUM	ALUM	ALUM	5 / A-602 SIM	4&6 / A-602 SIM	4 / A-603	4		
E8	3' - 0"	7' - 0"	D	MTL	PTD	1	MTL	PTD	1/ A-603	2&3 / A-603	4 / A-603	5		
E9	8' - 0"	10' - 0"	E	ALUM	ALUM	COILING	MTL	PTD	5 / A-608	6&7 / A-608	8 / A-608	-		
E10	3' - 0"	7' - 0"	F	MTL / GLASS	PTD	1	MTL	PTD	1/ A-603	2&3 / A-603	4 / A-603	8		
E11	3' - 0"	7' - 0"	F	MTL / GLASS	PTD	1	MTL	PTD	1/ A-603	2&3 / A-603	4 / A-603	8		
E12	8' - 0"	10' - 0"	E	ALUM	ALUM	COILING	MTL	PTD	5 / A-608	6&7 / A-608	8 / A-608	-		

DOOR SCHEDULE - INTERIOR

DOOR NO.	OPENING SIZE WIDTH	OPENING SIZE HEIGHT	DOOR TYPE	DOOR MATERIAL	DOOR FINISH	FRAME TYPE	FRAME MATERIAL	FRAME FINISH	FRAME DETAILS HEAD DETAIL	FRAME DETAILS JAMB DETAIL	HDW SET	FIRE RATING	REMARKS
104	3' - 0"	7' - 0"	D	MTL	PTD	2	MTL	PTD	9 / A-603	10 / A-603	13		TORNADO-RESISTANT
105	3' - 0"	7' - 0"	D	WD	STAINED	1	MTL	PTD	11/ A-603	12 / A-603	6		
106	3' - 0"	7' - 0"	D	MTL	PTD	2	MTL	PTD	9 / A-603	10 / A-603	13		TORNADO-RESISTANT
107	3' - 0"	7' - 0"	D	WD	STAINED	1	MTL	PTD	11/ A-603	12 / A-603	11		
109	6' - 0"	7' - 0"	G	WD / GLASS	STAINED	3	MTL	PTD	14/ A-603	15/ A-603	7		
110	3' - 0"	7' - 0"	D	WD	STAINED	1	MTL	PTD	11/ A-603	12 / A-603	9		
111	10' - 8"	4' - 8"	B	ALUM	ALUM	COILING	MTL	PTD	17 / A-603	16 / A-603	-		
112	3' - 0"	7' - 0"	D	WD	STAINED	1	MTL	PTD	11/ A-603	12 / A-603	11		
113	3' - 0"	7' - 0"	F	MTL / GLASS	PTD	1	MTL	PTD	11/ A-603	12 / A-603	11		
114	3' - 0"	7' - 0"	D	WD	STAINED	1	MTL	PTD	11/ A-603	12 / A-603	9		
115A	6' - 0"	7' - 0"	G	ALUM / GLASS	ALUM	ALUM	ALUM	ALUM	-	-	2		
115B	6' - 0"	7' - 0"	G	ALUM / GLASS	ALUM	ALUM	ALUM	ALUM	-	-	3		
116	3' - 0"	7' - 0"	D	WD	STAINED	1	MTL	PTD	11/ A-603	12 / A-603	12		
117	3' - 0"	7' - 0"	D	WD	STAINED	1	MTL	PTD	11/ A-603	12 / A-603	12		
118	3' - 0"	7' - 0"	D	WD	STAINED	1	MTL	PTD	11/ A-603	12 / A-603	11		
122	3' - 0"	7' - 0"	F	MTL / GLASS	PTD	1	MTL	PTD	11/ A-603	12 / A-603	11		
123	3' - 0"	7' - 0"	D	WD	STAINED	1	MTL	PTD	11/ A-603	12 / A-603	10		
124	3' - 0"	7' - 0"	D	WD	STAINED	1	MTL	PTD	11/ A-603	12 / A-603	10		
125	3' - 0"	7' - 0"	D	WD	STAINED	1	MTL	PTD	11/ A-603	12 / A-603	10		
126	3' - 0"	7' - 0"	D	WD	STAINED	1	MTL	PTD	11/ A-603	12 / A-603	10		
128	3' - 0"	7' - 0"	F	MTL / GLASS	PTD	1	MTL	PTD	11/ A-603	12 / A-603	11		
129	3' - 0"	7' - 0"	D	WD	STAINED	1	MTL	PTD	11/ A-603	12 / A-603	6		

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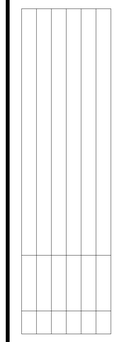
LITTLE ROCK, AR 72201

JONESBORO MUNICIPAL AIRPORT
TERMINAL REPLACEMENT

3921 LINDBERGH DRIVE
JONESBORO, AR 72401



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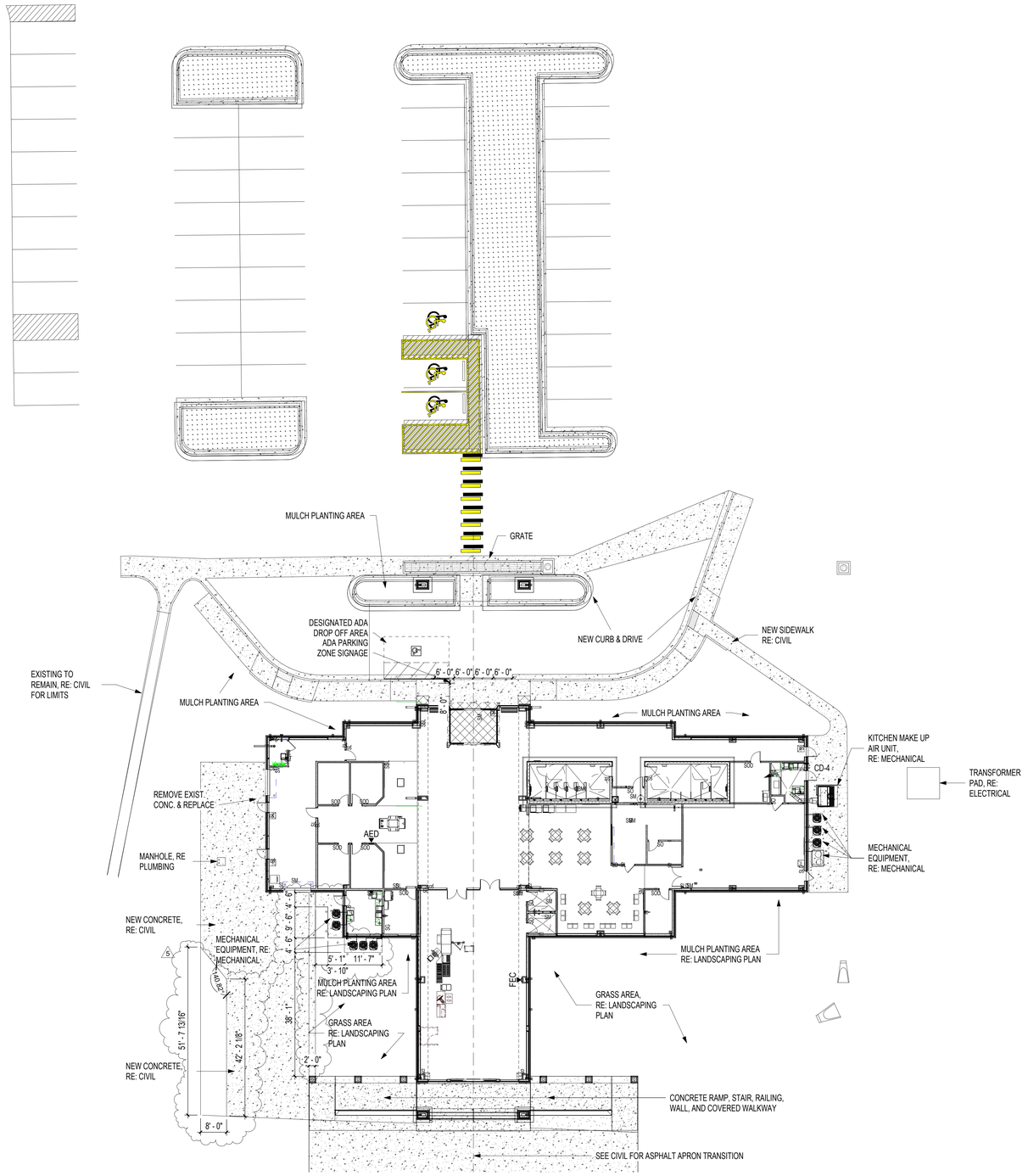
DOOR SCHEDULE AND VISUAL DOOR TYPES

SHEET NUMBER
A-604

3/3/2025 10:28:15 AM



1 ARCHITECTURAL SITE PLAN
1/16" = 1'-0"

SCALE : 1" = 10'

NORTH

5/5/2025 10:58:35 AM

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TERMINAL REPLACEMENT
3921 LINDBERGH DRIVE
JONESBORO, AR 72401

5	05/05/25	PR 001

LL237
REGISTERED ARCHITECT
ARKANSAS
10/14/2024

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2226

PROJECT NAME
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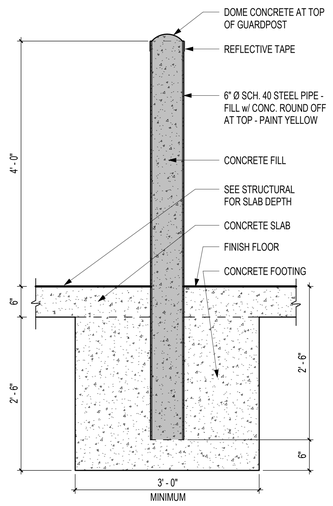
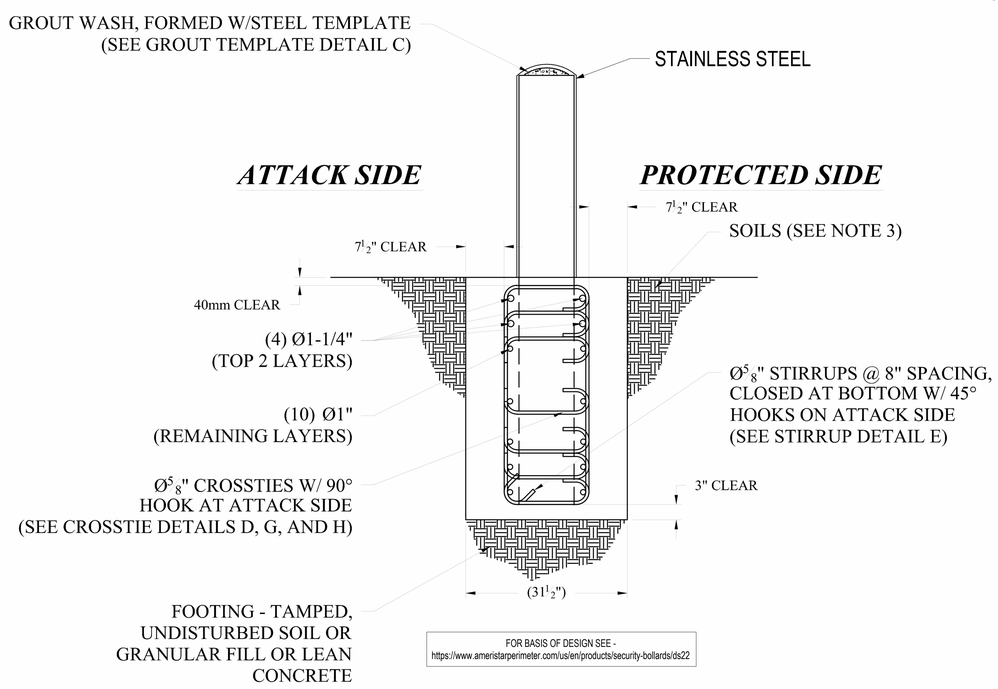
ARCHITECTURAL-SITE PLAN

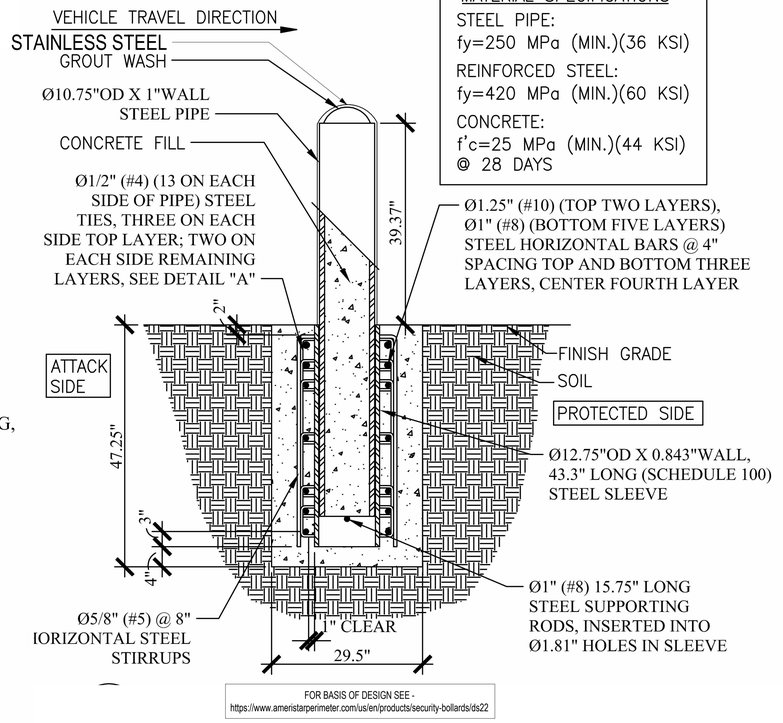
SHEET NUMBER
AS101



B-3 BOLLARD DETAIL AT COILING DOORS
1" = 1'-0"



B-2 ENTRY BOLLARD DETAIL
1" = 1'-0"



B-1 BOLLARD DETAIL - REMOVABLE
1" = 1'-0"

SCALE : 1" = 1'-0"

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JONESBORO MUNICIPAL AIRPORT
TERMINAL REPLACEMENT

3921 LINDBERGH DRIVE
JONESBORO, AR 72401

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10/14/2024

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2226

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BOLLARD DETAILS

SHEET NUMBER
AS102

3/3/2025 10:28:24 AM

AIA® Document G710™ – 2017

Architect's Supplemental Instructions

PROJECT: *(name and address)* Jonesboro Municipal Airport 3921 Lindberg Drive Jonesboro, AR 72401	**CONTRACT INFORMATION:** Contract For: Date: 04-24-2025	**ASI INFORMATION:** ASI Number: Date: 04-01-2025
OWNER: *(name and address)* Jonesboro Airport Commission 3901 Lindburg Drive Jonesboro, AR 72401	**ARCHITECT:** *(name and address)* Cooper Mixon Architects PLLC 505 Union Street 2nd Floor Jonesboro, AR 72401	**CONTRACTOR:** *(name and address)* Olympus General Contractors 2506 West Washington Avenue Jonesboro, AR 72401

The Contractor shall carry out the Work in accordance with the following supplemental instructions without change in Contract Sum or Contract Time. Proceeding with the Work in accordance with these instructions indicates your acknowledgment that there will be no change in the Contract Sum or Contract Time.
(Insert a detailed description of the Architect's supplemental instructions and, if applicable, attach or reference specific exhibits.)
A-111 - FLOOR PLAN
A-302 - BUILDING SECTIONS
A-410 - INTERIOR ELEVATIONS
A-501 - ENLARGED TOILET PLANS AND ELEVATIONS
Revisions to dimensions in the public restrooms and added information for the tile pattern on the interior walls throughout.

ISSUED BY THE ARCHITECT:

DocuSigned by:
John Mixon
96AA5D69C4C649A...

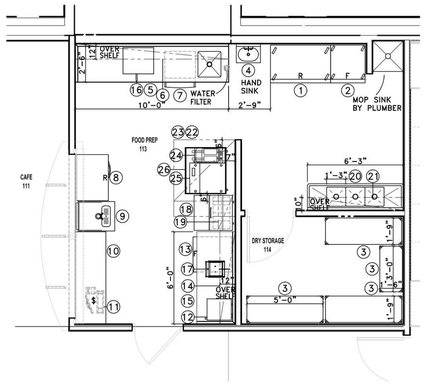
ARCHITECT *(Signature)*

BY: John Mixon

(Printed name, title, and license number if required)

5/1/2025

Date



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

1 / K1 KITCHEN EQUIPMENT PLAN

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

KITCHEN EQUIPMENT LIST

NO	QTY	ITEM	REMARKS
1	1	REFRIGERATOR	SEE DEDUCTIVE ALTERNATES NUMBER 1 AND 2
2	1	FREEZER	SEE DEDUCTIVE ALTERNATES NUMBER 1 AND 2
3	4	DRY STORAGE SHELVING	SEE DEDUCTIVE ALTERNATES NUMBER 1 AND 2
4	1	HAND SINK	
5	1	PREPARATION TABLE W/ SINK	
6	1	OVER SHELF	SEE DEDUCTIVE ALTERNATES NUMBER 1 AND 2
7	1	ICE MAKER W/ BUILT IN BIN, 34" HIGH	WATER FILTER ON BRACKET BELOW TABLE TOP
8	1	BEVERAGE REFRIGERATOR, UNDERCOUNTER	SEE DEDUCTIVE ALTERNATES NUMBER 1 AND 2
9	1	KEG COOLER W/ TAP	SEE DEDUCTIVE ALTERNATES NUMBER 1 AND 2
10	1	TABLE	
11	1	POINT OF SALE	BY OWNER
12	1	MICROWAVE OVEN	SEE DEDUCTIVE ALTERNATES NUMBER 1 AND 2
13	1	FREEZER, UNDERCOUNTER, 34" HIGH	SEE DEDUCTIVE ALTERNATES NUMBER 1 AND 2
14	1	OVER SHELF	SEE DEDUCTIVE ALTERNATES NUMBER 1 AND 2
15	1	WORK TABLE	
16	1	PIZZA OVEN, ELECTRIC	SEE DEDUCTIVE ALTERNATES NUMBER 1 AND 2
17	1	PANINI SANDWICH PRESS	SEE DEDUCTIVE ALTERNATES NUMBER 1 AND 2
18	1	REFRIGERATED SANDWICH UNIT	SEE DEDUCTIVE ALTERNATES NUMBER 1 AND 2
19	1	OVER SHELF	SEE DEDUCTIVE ALTERNATES NUMBER 1 AND 2
20	1	THREE COMPARTMENT SINK	
21	1	OVER SHELF	SEE DEDUCTIVE ALTERNATES NUMBER 1 AND 2
22	1	HOOD	
23	1	FIRE CONTROL SYSTEM	
24	1	12" FRYER, ELECTRIC	SEE DEDUCTIVE ALTERNATES NUMBER 1 AND 2
25	1	24" GRILL, ELECTRIC	SEE DEDUCTIVE ALTERNATES NUMBER 1 AND 2
26	1	36" REFRIGERATED STAND	SEE DEDUCTIVE ALTERNATES NUMBER 1 AND 2

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STATE OF ARKANSAS
10/14/2024

CONSTRUCTION DOCUMENTS

PROJECT NO.
2226

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10/14/2024

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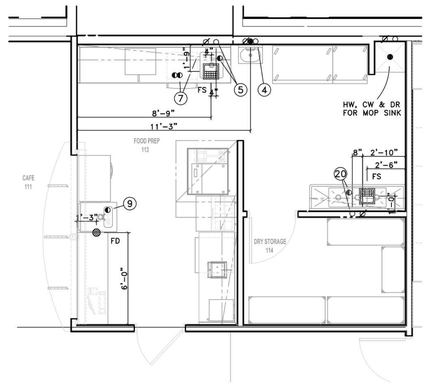
KITCHEN EQUIPMENT PLAN

SHEET NUMBER
K1

11/19/2024 7:42:33 AM



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

KITCHEN EQUIPMENT PLUMBING REQUIREMENTS

NO	QTY	ITEM	WATER			DRAIN			GAS		REMARKS
			CW	HW	AFF	DR	AFF	IDR	SIZE	MBH	
1	1	REFRIGERATOR									
2	1	FREEZER									
3	4	DRY STORAGE SHELVING									
4	1	HAND SINK	1/2"	1/2"	16"	18"	2"				BY PLUMBING CONTRACTOR
5	1	PREPARATION TABLE W/ SINK	1/2"	1/2"	16"			2"			BTC – FAUCET – IDR TO FS
6	1	OVER SHELF									
7	1	ICE MAKER W/ BUILT IN BIN, 34" HIGH	1/2"		16"			(2)1"			BTC – CW THRU FILTER – IDR TO FD
8	1	BEVERAGE REFRIGERATOR, UNDERCOUNTER									
9	1	KEG COOLER W/ TAP						1"			IDR TO FD
10	1	TABLE									
11	1	POINT OF SALE									
12	1	MICROWAVE OVEN									
13	1	FREEZER, UNDERCOUNTER, 34" HIGH									
14	1	OVER SHELF									
15	1	WORK TABLE									
16	1	PIZZA OVEN, ELECTRIC									
17	1	PANINI SANDWICH PRESS									
18	1	REFRIGERATED SANDWICH UNIT									
19	1	OVER SHELF									
20	1	THREE COMPARTMENT SINK	1/2"	1/2"	12"			2"			BTC – FAUCET – IDR TO FS
21	1	OVER SHELF									
22	1	HOOD									
23	1	FIRE CONTROL SYSTEM									
24	1	12" FRYER, ELECTRIC									
25	1	24" GRILL, ELECTRIC									
26	1	36" REFRIGERATED STAND									

KITCHEN EQUIPMENT PLUMBING GENERAL NOTES

01 MC TO PROVIDE FINAL CONNECTIONS TO ALL KITCHEN EQUIPMENT ITEMS PER LOCAL, STATE, & NATIONAL PLUMBING CODES
02 MC TO VERIFY REQUIREMENTS OF ALL KITCHEN EQUIPMENT ITEMS PROVIDED BY OTHERS AND/OR EXISTING BEFORE ROUGHING IN AND MAKING FINAL CONNECTIONS
03 MC TO FURNISH & INSTALL ALL SHUTOFF VALVES, SHOCK ABSORBERS, SNAP ACTION VALVES, TRIM, TRAPS, ETC REQUIRED FOR FINAL CONNECTION TO OUTLETS
04 MC TO FURNISH, INSTALL & CONNECT ALL WATER, DRAIN, INDIRECT DRAIN LINES, ETC FOR ALL KITCHEN EQUIPMENT
05 MC TO FLUSH ALL LINES BEFORE MAKING FINAL CONNECTIONS
06 SEE ARCHITECT DRAWINGS FOR CONTINUATION OF PLUMBING OUTLETS & COORDINATE WITH ARCHITECTS DRAWINGS PREVIOUSLY BID, OBTAIN FROM GENERAL CONTRACTOR
07 ROUGH IN REQUIREMENTS FOR OTHER ITEMS ARE TO BE SET FORTH BY OTHERS THIS PLAN COVERS ONLY KITCHEN EQUIPMENT ITEMS
08 ALL ROUGH IN MATERIAL SHALL BE RUN UNEXPOSED
09 MC EXTEND IDR TO NEAREST FD OR FS W/ AIR GAP PER LOCAL CODE

PLUMBING LEGEND

○	CW	COLD WATER
⌀	HW	HOT WATER
⊕	G	GAS
●	DR	DRAIN
◑	IDR	INDIRECT DRAIN, MC EXTEND TO FD/FS
◎	FD	FLOOR DRAIN
⊗	FFD	FUNNEL FLOOR DRAIN
▦	FS	FLOOR SINK W/ GRATE TOP SIZE SHOWN
	AFF	ABOVE FINISHED FLOOR
	BTC	BRANCH TO CONNECTION
	DFA	DROP FROM ABOVE
	KEC	KITCHEN EQUIPMENT CONTRACTOR
	MBH	000'S BRITISH THERMAL UNIT PER HOUR
	MC	MECHANICAL CONTRACTOR
	SV	SOLENOID VALVE
	VB	VACUUM BREAKER
	GT	GREASE TRAP

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10/14/2024

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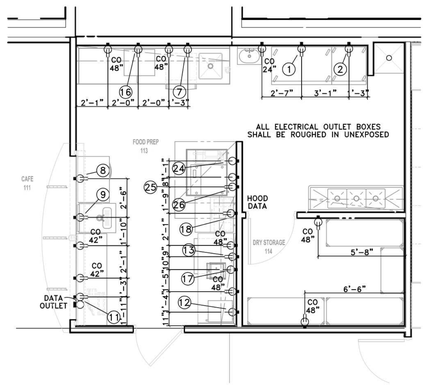
KITCHEN EQUIPMENT PLUMBING PLAN

SHEET NUMBER
K2

11/19/2024 7:42:34 AM



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

KITCHEN EQUIPMENT ELECTRICAL REQUIREMENTS

NO	QTY	ITEM	VOLTAGE/PHASE	LOAD	AFF	REMARKS
1	1	REFRIGERATOR	120/1	6 A	48"	CORD & PLUG
2	1	FREEZER	120/1	4 A	48"	CORD & PLUG
3	4	DRY STORAGE SHELVING				
4	1	HAND SINK				
5	1	PREPARATION TABLE W/ SINK				
6	1	OVER SHELF				
7	1	ICE MAKER W/ BUILT IN BIN, 34" HIGH	120/1	15 A	24"	CORD & PLUG
8	1	BEVERAGE REFRIGERATOR, UNDERCOUNTER	120/1	3 A	24"	CORD & PLUG
9	1	KEG COOLER W/ TAP	120/1	3 A	24"	CORD & PLUG
10	1	TABLE				
11	1	POINT OF SALE	120/1	2 A	42"	CORD & PLUG
12	1	MICROWAVE OVEN	208/1	17 A	48"	CORD & PLUG
13	1	FREEZER, UNDERCOUNTER, 34" HIGH	120/1	3 A	24"	CORD & PLUG
14	1	OVER SHELF				
15	1	WORK TABLE				
16	1	PIZZA OVEN, ELECTRIC	120/1	15 A	48"	CORD & PLUG
17	1	PANINI SANDWICH PRESS	208/1	10 A	48"	CORD & PLUG
18	1	REFRIGERATED SANDWICH UNIT	120/1	4 A	48"	CORD & PLUG
19	1	OVER SHELF				
20	1	THREE COMPARTMENT SINK				
21	1	OVER SHELF				
22	1	HOOD				
23	1	FIRE CONTROL SYSTEM				
24	1	12" FRYER, ELECTRIC	208/1	5 A	24"	CORD & PLUG
25	1	24" GRILL, ELECTRIC	208/1	29 A	24"	CORD & PLUG
26	1	36" REFRIGERATED STAND	120/1	6 A	24"	CORD & PLUG

KITCHEN EQUIPMENT ELECTRICAL GENERAL NOTES

01 EC TO PROVIDE FINAL CONNECTIONS TO ALL KITCHEN EQUIPMENT ITEMS PER LOCAL, STATE AND NATIONAL ELECTRICAL AND BUILDING CODES
02 EC TO VERIFY REQUIREMENTS OF ALL KITCHEN EQUIPMENT ITEMS PROVIDED BY OTHERS AND/OR EXISTING BEFORE ROUGHING IN AND MAKING FINAL CONNECTIONS
03 EC TO SIZE ALL CONDUIT, JUNCTION BOXES, PULL BOXES, AND DISCONNECT SWITCHES PER LOCAL, STATE AND NATIONAL ELECTRICAL AND BUILDING CODES
04 EC TO FURNISH AND INSTALL ALL MAGNETIC STARTERS, THERMAL OVERLOAD PROTECTION CONTACTORS AND DISCONNECT SWITCHES ON ALL MOTORS AND ELEMENTS PER LOCAL, STATE AND NATIONAL ELECTRICAL AND BUILDING CODES
05 EC TO WIRE, FURNISH AND INSTALL CONDUIT TO RECEPTACLE JUNCTION BOX AND/OR DISCONNECT SWITCH PRE MOUNTED ON KITCHEN EQUIPMENT
06 EC TO FURNISH AND INSTALL ALL CORDS AND PLUGS NOT SUPPLIED WITH KITCHEN EQUIPMENT, CORDS NOT TO TOUCH THE FLOOR
07 EC TO INTER CONNECT ALL FIELD AND CONTROL WIRING
08 SEE ARCHITECTURAL DRAWINGS FOR CONTINUATION ELECTRICAL OF OUTLETS
09 ALL WIRING, CONDUIT, JUNCTION BOXES, RECEPTACLES AND DISCONNECT SWITCHES IN DISH WASHING AREA AND/OR INSIDE WALK-IN COOLER/FREEZER TO BE WATER PROOF
10 ROUGH IN REQUIREMENTS FOR OTHER ITEMS ARE TO BE SET FORTH BY OTHERS, THIS PLAN COVERS ONLY KITCHEN EQUIPMENT
11 ALL ROUGH IN MATERIAL SHALL BE RUN UNEXPOSED
12 LOADS SHOWN ARE KITCHEN EQUIPMENT LOADS ONLY

ELECTRICAL LEGEND

	DR	DUPLEX RECEPTACLE
	SR	SINGLE PURPOSE RECEPTACLE
	FR	FLUSH FLOOR RECEPTACLE
	JB	JUNCTION BOX
●	CS	CONDUIT STUB FOR DIRECT CONNECTION
	DS	DISCONNECT SWITCH
	LF	LIGHT FIXTURE
	DC	DROP CORD
$	SW	SWITCH
	AFF	ABOVE FINISHED FLOOR
	A	AMPS
	BTC	BRANCH TO CONNECTION
	CO	CONVENIENCE OUTLET – 16 A
	DFA	DROP FROM ABOVE
	EC	ELECTRICAL CONTRACTOR
	HP	HORSE POWER
	KEC	KITCHEN EQUIPMENT CONTRACTOR
	W	WATTS
	PRP	PRESSURE RELIEF PORT
	SV	SOLENOID VALVE

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KITCHEN EQUIPMENT ELECTRICAL PLAN

SHEET NUMBER
K3

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479-629-4572

11/19/2024 7:42:34 AM

MECHANICAL GENERAL NOTES

1. ALL PIPING AND DUCTS IN FINISHED ROOMS OR SPACES SHALL BE CONCEALED IN A FURRED CHASE OR ABOVE A HARD SUSPENDED CEILING.
2. THE FIRST FIGURE OF DUCT SIZE INDICATES DIMENSION OF FACE SHOWN OR INDICATED. DUCT SIZED ARE NET INSIDE DIMENSIONS.
3. ACCESS PANELS IN HARD SUSPENDED CEILINGS ARE REQUIRED FOR ALL VALVES, TRAPS, DAMPERS, CLEANOUTS, CONTROLS, ETC. COORDINATE LOCATION OF PANELS WITH MECHANICAL INSTALLATION AND DEMONSTRATE ACCESS TO EQUIPMENT SERVED.
4. TOTAL STATIC PRESSURE NOTES IN THE SCHEDULES INCLUDED DUCT SYSTEM, TERMINAL UNITS, FILTERS, COILS, ETC. LOSS FOR FILTERS SHALL BE FOR FILTERS AT 50% LOADING.
5. ALL DUCT AND PIPE ROUTING AND CONSTRUCTION SHOWN ON THE DRAWINGS IS DIAGRAMMATIC IN NATURE AND MAY NOT BE SHOWN IN EXACT LOCATIONS OR WITH ALL ANCILLARY ITEMS REQUIRED FOR A COMPLETE AND OPERATING SYSTEM. CONTRACTOR SHALL COORDINATE ROUTING OF ALL DUCTWORK AND PIPING PER TYPICAL CONSTRUCTION PRACTICE IN THE MOST EFFICIENT WAY POSSIBLE WHILE ADHERING AS CLOSELY TO THE DRAWINGS AS POSSIBLE.
6. CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL INSTALLATION WITH THE WORK OF OTHER TRADES. FIELD MODIFICATIONS SUCH AS OFFSETS IN PIPING OR DUCTWORK NEEDED DUE TO OBSTRUCTIONS OR INTERFERENCES SHALL BE PROVIDED AT NO ADDITIONAL COST.
7. ALL WORK SHALL BE PERFORMED IN A NEAT AND WORKMANLIKE MANNER WITHIN STANDARD OF CARE FOR PROFESSION. ALL LABOR, MATERIAL, TOOLS, PERMITS, INSPECTIONS, TESTING, CERTIFICATION, ETC. REQUIRED FOR A COMPLETE AND SATISFACTORY INSTALLATION TO DESIGN INTENT SHALL BE FURNISHED BY CONTRACTOR. PROVIDE, AT NO ADDITIONAL COST, INCLUDING INCIDENTAL ITEMS NOT SHOWN WHEN REQUIRED FOR TYPICAL COMPLETION OF WORK.
8. DRAWINGS NOT BEARING THE STAMP OR SEAL AND SIGNATURE OF A REGISTERED PROFESSIONAL ENGINEER SHALL NOT BE USED FOR BIDDING OR CONSTRUCTION PURPOSES UNLESS EXPRESSLY APPROVED IN WRITING BY THE ARCHITECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ALL DRAWINGS AND SPECIFICATIONS BEING USED FOR BIDDING AND CONSTRUCTION PURPOSES ARE OF THE LATEST REVISION AVAILABLE AND ALL ADDENDUM DOCUMENTS HAVE BEEN INCORPORATED EITHER BY REVISION RELEASE OF DRAWINGS/SPECIFICATIONS OR ATTACHMENT OF SKETCHES OR OTHER ADDENDUM INFORMATION.
9. THE MECHANICAL CONTRACTOR SHALL FURNISH AND INSTALL NEW PRODUCTS OF ESTABLISHED AND REPUTABLE MANUFACTURERS. NO EQUIPMENT SUBSTITUTIONS SHALL BE MADE THAT WOULD LEAVE INADEQUATE OPERATING OR SERVICE SPACE. EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDED INSTALLATION PROCEDURES AND IN AN ARRANGEMENT THAT WILL GIVE THE GREATEST PRACTICAL EASE OF OPERATION AND SERVICE TO THE OWNER.
10. ALL EQUIPMENT WHICH IS INDICATED TO BE FURNISHED AND/OR INSTALLED BY OTHERS OR BY OWNER IS INCLUDED FOR REFERENCE ONLY UNLESS NOTED OTHERWISE. DESIGN OF MECHANICAL SYSTEMS IN THESE AREAS IS BASED ON INFORMATION AVAILABLE AT THE TIME OF DESIGN. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING AND VERIFYING INSTALLATION REQUIREMENTS OF THIS EQUIPMENT WITH THE APPLICABLE SUPPLIER OR THE OWNER. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
11. IT IS THE RESPONSIBILITY OF THE MECHANICAL CONTRACTOR TO PAY FOR ALL NECESSARY PERMITS AND APPROVALS FOR THIS INSTALLATION.
12. ACCESS PANELS IN DUCTWORK AND CEILINGS SHALL BE PROVIDED WHERE REQUIRED FOR OPERATION, BALANCING OR MAINTENANCE OF ALL MECHANICAL EQUIPMENT. ACCESS PANELS SHALL BE CONVENIENTLY LOCATED WITH REFERENCE TO THE FINISHED BUILDING. COORDINATE LOCATION OF ACCESS PANELS WITH ARCHITECT.
13. DUCT CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE SMACNA HVAC DUCT CONSTRUCTION STANDARD CLASS A.
14. COORDINATE DIFFUSER, GRILLE AND REGISTER LOCATIONS WITH ARCHITECTURAL REFLECTED CEILING PLANS AND EQUIPMENT OF ALL TRADES.
15. VERIFY FINISH WITH ARCHITECT PRIOR TO PURCHASING GRILLES, REGISTERS, DIFFUSERS, LOUVERS AND OTHER AIR DISTRIBUTION DEVICES.
16. LOCATE THERMOSTATS AT 48" ABOVE FINISHED FLOOR UNLESS NOTED OTHERWISE. COORDINATE LOCATIONS WITH OTHER EQUIPMENT, FURNITURE, AND DOOR SWINGS.
17. ALL EQUIPMENT, DUCTWORK, ETC., SHALL BE SUPPORTED AS DETAILED AND/OR SPECIFIED. PROVIDE ADDITIONAL SUPPORTS AS REQUIRED TO PROVIDE A VIBRATION-FREE, RIGID INSTALLATION.
18. DUCTWORK DIMENSIONS SHOWN ON DRAWINGS ARE INSIDE CLEAR DIMENSIONS. DIMENSIONS MAY BE CHANGED SO LONG AS THE NET FREE FACE AREA IS MAINTAINED.
19. DAMPERS AND INSIDES OF DUCTS VISIBLE THROUGH GRILLES, REGISTERS AND DIFFUSERS SHALL BE PAINTED FLAT BLACK.
20. PROVIDE AND INSTALL SMOOTH TURN RADIUS ELBOWS IN ALL RECTANGULAR 90° ELBOWS AND TEES, UNLESS NOTED OTHERWISE.
21. EXHAUST DUCTS SHALL TERMINATE IN ACCORDANCE WITH ASHRAE 170-2013 AND BE EQUIPPED WITH A BACKDRAFT DAMPER.
22. CONTRACTOR SHALL PROVIDE ALL AUTOMATIC 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
	NEW EQUIPMENT
	NEW DUCT/PIPING
	THERMOSTAT WIRE
T	THERMOSTAT
1	REVISION DELTA
	MANUAL VOLUME DAMPER
	STREAMLINE CONNECTION (RECT. TO ROUND)
	STREAMLINE CONNECTION (RECT. TO RECT.)
	STREAMLINE CONNECTION WITH MANUAL VOLUME DAMPER (RECT. TO ROUND)
RISE	DUCT ELEVATION CHANGE (RISE)
FALL	DUCT ELEVATION CHANGE (FALL)
	SIDE WALL GRILLE
X ###	GRILLE DESIGNATION (GRILLE SCHEDULE DESIGNATION / CFM AIRFLOW)
	SUPPLY DIFFUSER
	RETURN GRILLE
	EXHAUST GRILLE
	SUPPLY RECTANGULAR DUCT UP
	RETURN RECTANGULAR DUCT UP
	EXHAUST RECTANGULAR DUCT UP
	SUPPLY RECTANGULAR DUCT DOWN
	RETURN RECTANGULAR DUCT DOWN
	EXHAUST RECTANGULAR DUCT DOWN
	ROUND DUCT UP
	ROUND DUCT DOWN
	CONCENTRIC REDUCER
	RECT. AND/OR ROUND DUCT 90° 1X RADIUS ELBOW
	RECT. AND/OR ROUND DUCT 90° 1.5X RADIUS ELBOW
	RECT. AND/OR ROUND DUCT 45° 1X RADIUS ELBOW
	RECT. ELBOW (WITH TURNING VANES)
	RECT. ELBOW (WITHOUT TURNING VANES)
	AIR FLOW ARROW
	FLOW ARROW
SA	SUPPLY AIR DUCT
RA	RETURN AIR DUCT
EA	EXHAUST AIR DUCT
CFM	CUBIC FEET PER MINUTE
Ø	ROUND DIAMETER
D	CONDENSATE DRAIN
RS/RL	REFRIGERANT SUCTION AND LIQUID

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PROJECT NO.
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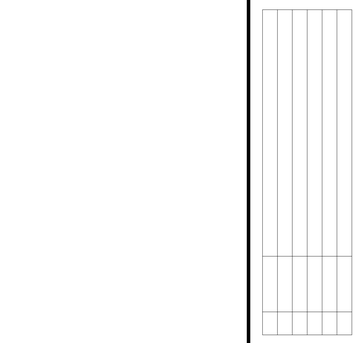
MECHANICAL GENERAL NOTES AND LEGEND

SHEET NUMBER
M001



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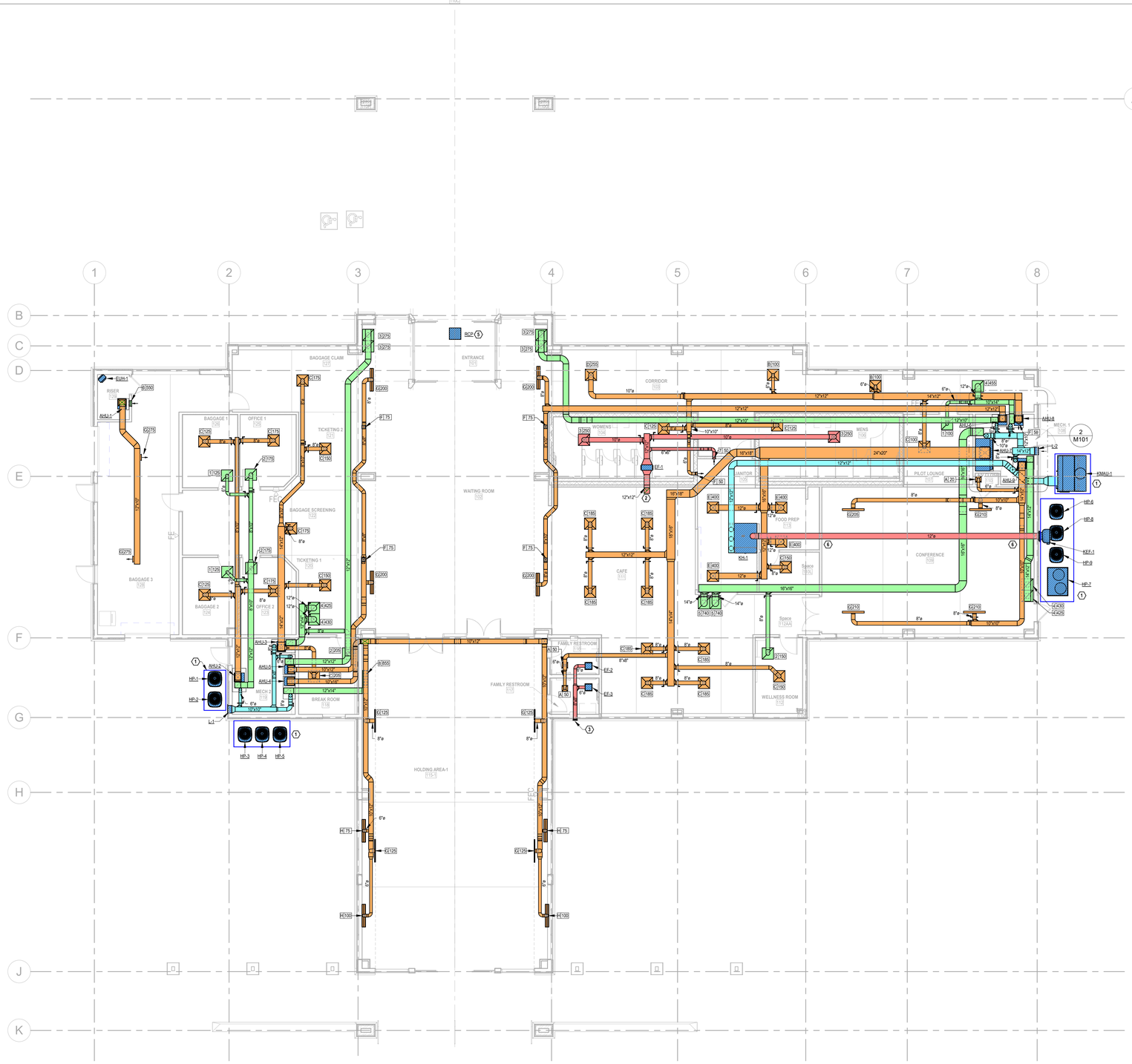
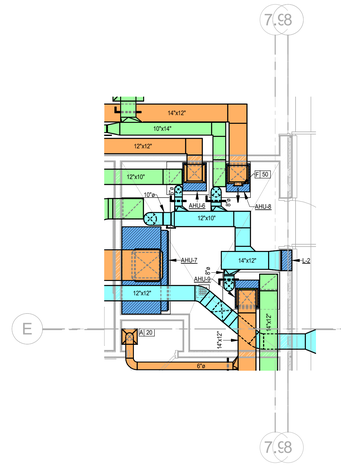
KEYED NOTES

1. PROVIDE 4" HOUSEKEEPING PAD.
2. 10" X 12" EXHAUST DUCT UP TO ROOF VENT.
3. PROVIDE WALL EXHAUST CAP EQUAL WITH BIRDSCREEN AND BACKDRAFT DAMPER. PAINT TO MATCH ADJACENT SURFACES.
4. MOUNT LOUVER ON EXTERIOR WALL 10 FEET MINIMUM ABOVE GROUND.
5. PROVIDE 24" X 24" RADIANT CEILING PANEL. CEILING PANEL SHALL BE SURFACE MOUNT. EQUAL TO MARLEY CP251F, 120V/1 PHASE.
6. ACCESS PANEL FOR MAINTENANCE. REFER TO ARCHITECTURAL RCP FOR LOCATION AND DETAILS.



1 FLOOR PLAN - HVAC
1/8" = 1'-0"



2 ENLARGED MECHANICAL ROOM PLAN
1/4" = 1'-0"

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CONTENTS
FLOOR PLAN - HVAC

STATE OF ARKANSAS REGISTERED ENGINEER No. 19764 FULTON, A LEE
10/16/2024

INSIGHT ENGINEERING, PLLC No. 357-23 ARKANSAS

SHEET NUMBER
M101

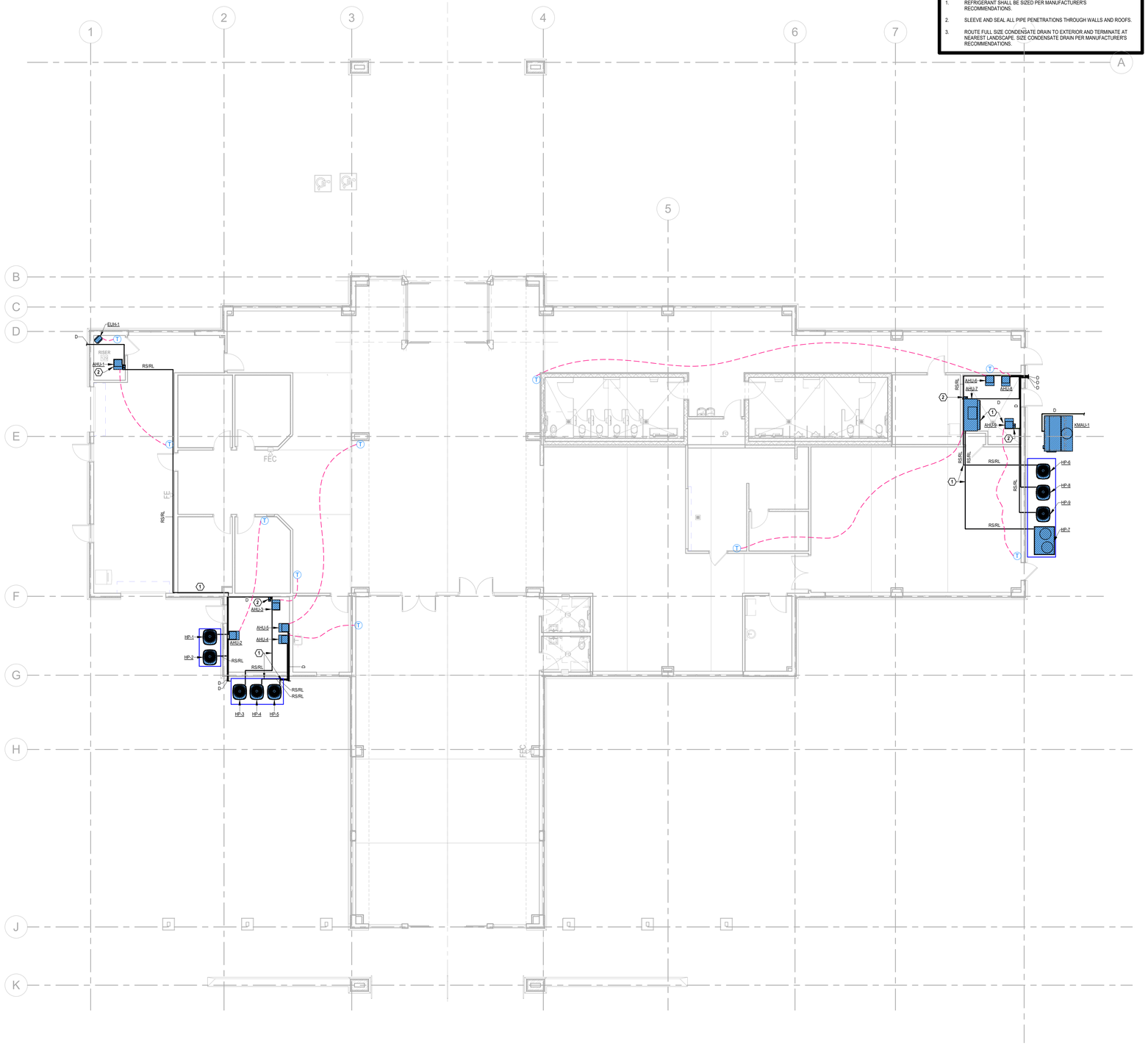
11/14/2024 10:09:16 AM

GENERAL NOTES

1. REFRIGERANT SHALL BE SIZED PER MANUFACTURER'S RECOMMENDATIONS.
2. SLEEVE AND SEAL ALL PIPE PENETRATIONS THROUGH WALLS AND ROOFS.
3. ROUTE FULL SIZE CONDENSATE DRAIN TO EXTERIOR AND TERMINATE AT NEAREST LANDSCAPE. SIZE CONDENSATE DRAIN PER MANUFACTURER'S RECOMMENDATIONS.

KEYED NOTES

1. ROUTE REFRIGERANT LINE SETS TO ASSOCIATED CONDENSING UNITS. SIZE REFRIGERANT LINE SET PER MANUFACTURER'S RECOMMENDATIONS.
2. PROVIDE CONDENSATE PUMP EQUAL TO LITTLE GIANT VCMA-20.



1 FLOOR PLAN - HVAC PIPING
1/8" = 1'-0"

COOPER MIXON ARCHITECT
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phone 870.336.0536 www.coopermixon.com

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LITTLE ROCK, AR 72201

JONESBORO MUNICIPAL AIRPORT
TERMINAL REPLACEMENT

3921 LINDBERGH DRIVE
JONESBORO, AR 72401

CONSTRUCTION DOCUMENTS

PROJECT NO.
2226

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TERMINAL REPLACEMENT

DATE
10/18/2024

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FLOOR PLAN - HVAC PIPING

STATE OF ARKANSAS REGISTERED PROFESSIONAL ENGINEER No. 19764 FULTON, NATE
10/18/2024

CERTIFICATE OF AUTHORIZATION INSIGHT ENGINEERING, PLLC No. 3523 ARKANSAS

SHEET NUMBER
M102

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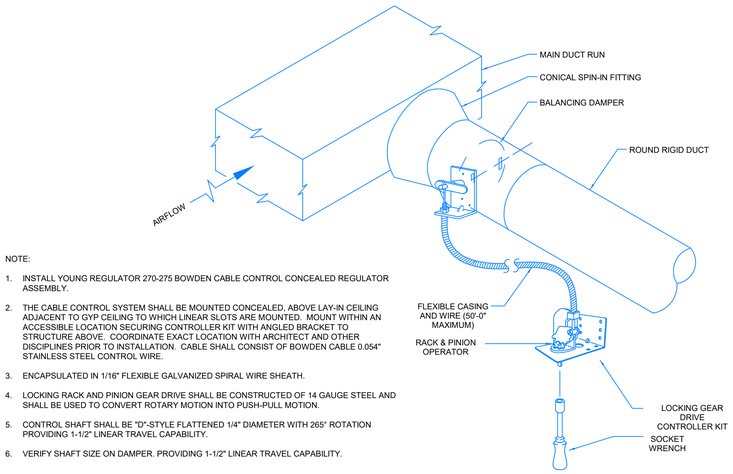
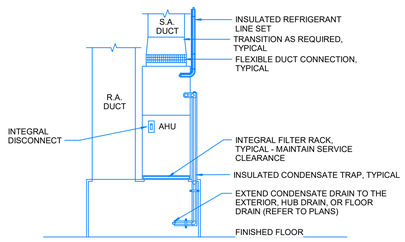


NOTE:

1. INSTALL YOUNG REGULATOR 270-275 BOWDEN CABLE CONTROL CONCEALED REGULATOR ASSEMBLY.
2. THE CABLE CONTROL SYSTEM SHALL BE MOUNTED CONCEALED, ABOVE LAY-IN CEILING ADJACENT TO GYP CEILING TO WHICH LINEAR SLOTS ARE MOUNTED. MOUNT WITHIN AN ACCESSIBLE LOCATION SECURING CONTROLLER KIT WITH ANGLED BRACKET TO STRUCTURE ABOVE. COORDINATE EXACT LOCATION WITH ARCHITECT AND OTHER DISCIPLINES PRIOR TO INSTALLATION. CABLE SHALL CONSIST OF BOWDEN CABLE 0.054" STAINLESS STEEL CONTROL WIRE.
3. ENCAPSULATED IN 1/16" FLEXIBLE GALVANIZED SPIRAL WIRE SHEATH.
4. LOCKING RACK AND PINION GEAR DRIVE SHALL BE CONSTRUCTED OF 14 GAUGE STEEL AND SHALL BE USED TO CONVERT ROTARY MOTION INTO PUSH-PULL MOTION.
5. CONTROL SHAFT SHALL BE "D"-STYLE FLATTENED 1/4" DIAMETER WITH 265° ROTATION PROVIDING 1-1/2" LINEAR TRAVEL CAPABILITY.
6. VERIFY SHAFT SIZE ON DAMPER. PROVIDING 1-1/2" LINEAR TRAVEL CAPABILITY.

1 BRANCH TAKE-OFF TO LINEAR SLOT W/ BOWDEN 270-275 CABLE CONTROL SYSTEM DETAIL

NOT TO SCALE:



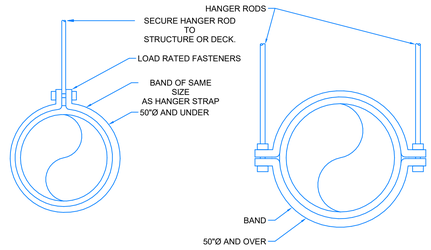
NOTES:

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.

2 VERTICAL AIR HANDLING UNIT DETAIL

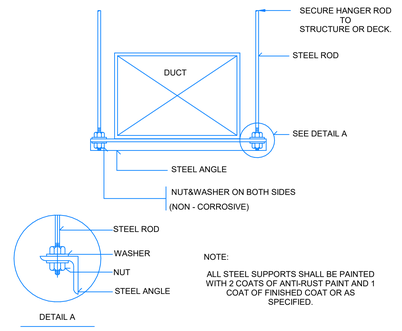
NOT TO SCALE:

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



3 ROUND DUCT HANGER DETAIL

NOT TO SCALE:

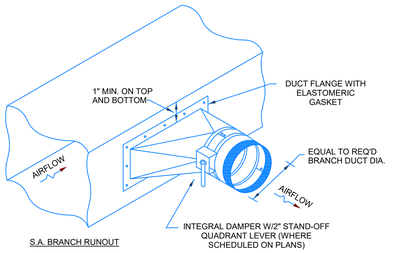


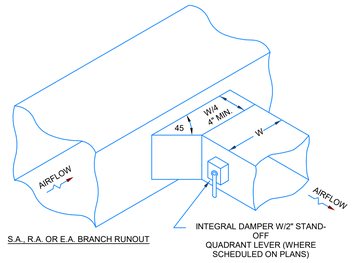
NOTE:

ALL STEEL SUPPORTS SHALL BE PAINTED WITH 2 COATS OF ANTI-RUST PAINT AND 1 COAT OF FINISHED COAT OR AS SPECIFIED.

4 DUCT HANGER DETAIL

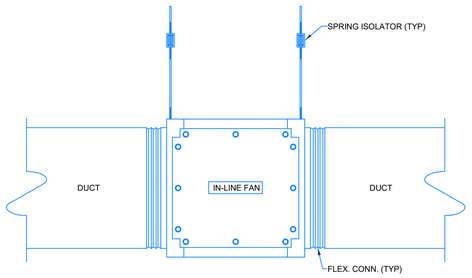
NOT TO SCALE:





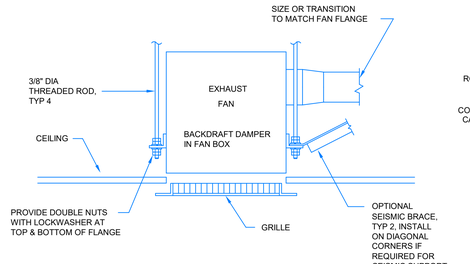
5 BRANCH DUCT TAKE-OFF DETAIL WITH MANUAL BALANCING DAMPER

NOT TO SCALE:



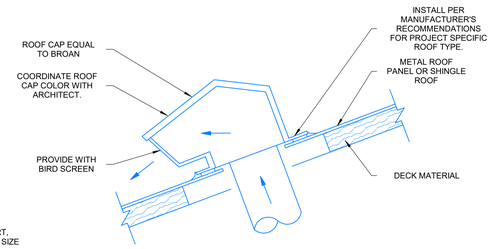
6 INLINE EXHAUST FAN (W/ INTERIOR MOTOR) DETAIL

NOT TO SCALE:



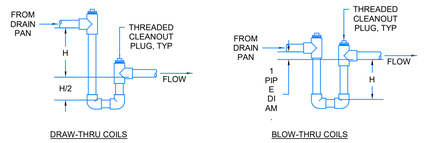
7 CEILING EXHAUST FAN DETAIL

NOT TO SCALE:



8 ROOF VENT DETAIL

NOT TO SCALE:

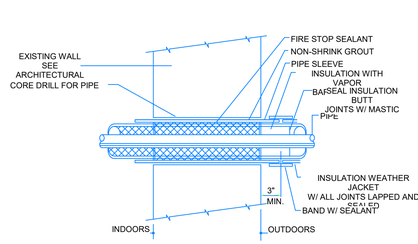


NOTES:

1. FOR DRAW-THRU COILS: H = FAN INLET PRESSURE (IN. W.C.) + 1", BUT NO LESS THAN 2".
2. FOR BLOW-THRU COILS: H = FAN OUTLET PRESSURE (IN. W.C.) + 1", BUT NO LESS THAN 2".
3. FAN INLET/OUTLET PRESSURE (WHICHEVER IS APPLICABLE) SHALL BE MEASURED DURING AIR TEST AND BALANCE. TRAP DEPTH SHALL BE ADJUSTED AS REQUIRED TO MEET OR EXCEED MINIMUM DEPTH.
4. PRE-FORMED RUNNING TRAPS ARE NOT ACCEPTABLE.
5. TRAP PIPE DIAMETER SHALL BE FULL SIZE OF FACTORY COIL CONNECTION, BUT NO LESS THAN 3/4".
6. CLEANOUT PLUGS MAY BE HAND-TIGHTENED FOR EASE OF REMOVAL.
7. TRAPS SHALL BE INSULATED AS SPECIFIED FOR CONDENSATE DRAIN PIPING.
8. TRAPS SHALL BE LOCATED WITHIN 4' OF THE COIL.
9. CONDENSATE DRAIN SHALL TERMINATE WITH AN INDIRECT CONNECTION HAVEING A MINIMUM 2" AIR GAP.

10 COIL CONDENSATE TRAP DETAIL

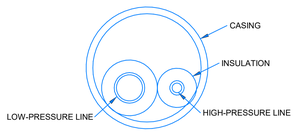
NOT TO SCALE:



SIMILAR AT INTERIOR WALLS EXCEPT WITHOUT EXTERIOR INSULATION AND JACKETING.

11 PIPE PENETRATION AT WALL

NOT TO SCALE:

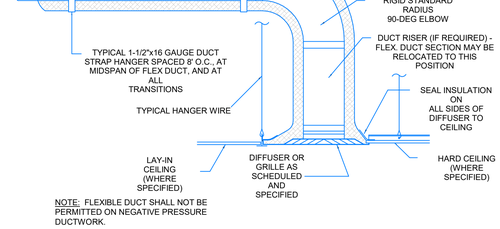


NOTES:

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.

12 REFRIGERANT PIPING DETAIL

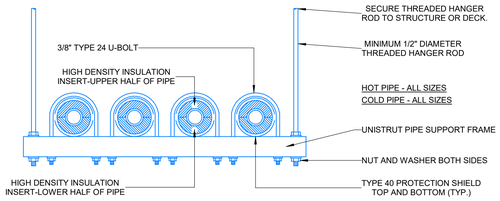
NOT TO SCALE:



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

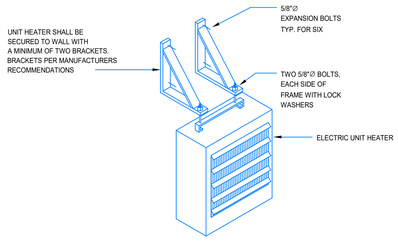
9 AIR DEVICE INSTALLATION (W/O FLEX DUCT) DETAIL

NOT TO SCALE:



13 HORIZONTAL PIPE SUPPORT DETAIL

NOT TO SCALE:



14 UNIT HEATER ELECTRIC

NOT TO SCALE

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JONESBORO MUNICIPAL AIRPORT TERMINAL REPLACEMENT

3921 LINDBERGH DRIVE JONESBORO, AR 72401

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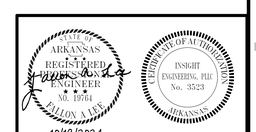
M201



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HEAT PUMP UNIT SCHEDULE

DESIGNATION	REFERENCE PRODUCT	SERVES	REFRIGERANT	SUMMER		WINTER		MINIMUM EER	ELECTRICAL				REMARKS
				COOLING MBH	AMBIENT TEMPERATURE	HEATING MBH	AMBIENT TEMPERATURE		MCA	MOCP	VOLTS	PHASE	
HP-1	LENNOX ML16XP1-018-230	AHU-1	410A	18.9	95	17.4	17	14	12	20	208	1	PROVIDE WITH LOW AMBIENT CONTROL, LOW & HIGH PRESSURE SWITCH, LIQUID LINE FILTER DRYER, PROGRAMMABLE THERMOSTAT, AND HAIL GUARD.
HP-2	LENNOX ML16XP1-018-230	AHU-2	410A	18.9	95	17.4	17	14	12	20	208	1	PROVIDE WITH LOW AMBIENT CONTROL, LOW & HIGH PRESSURE SWITCH, LIQUID LINE FILTER DRYER, PROGRAMMABLE THERMOSTAT, AND HAIL GUARD.
HP-3	LENNOX ML17XP1-024-230	AHU-3	410A	24.7	95	22	17	13	15	25	208	1	PROVIDE WITH LOW AMBIENT CONTROL, LOW & HIGH PRESSURE SWITCH, LIQUID LINE FILTER DRYER, PROGRAMMABLE THERMOSTAT, AND HAIL GUARD.
HP-4	LENNOX ML17XP1-024-230	AHU-4	410A	24.7	95	22	17	13	15	25	208	1	PROVIDE WITH LOW AMBIENT CONTROL, LOW & HIGH PRESSURE SWITCH, LIQUID LINE FILTER DRYER, PROGRAMMABLE THERMOSTAT, AND HAIL GUARD.
HP-5	LENNOX ML16XP1-018-230	AHU-5	410A	18.9	95	17.4	17	14	12	20	208	1	PROVIDE WITH LOW AMBIENT CONTROL, LOW & HIGH PRESSURE SWITCH, LIQUID LINE FILTER DRYER, PROGRAMMABLE THERMOSTAT, AND HAIL GUARD.
HP-6	LENNOX ML16XP1-018-230	AHU-6	410A	18.9	95	17.4	17	14	12	20	208	1	PROVIDE WITH LOW AMBIENT CONTROL, LOW & HIGH PRESSURE SWITCH, LIQUID LINE FILTER DRYER, PROGRAMMABLE THERMOSTAT, AND HAIL GUARD.
HP-7	LENNOX: EL120XP5ST-230	AHU-7	410A	116.9	95	114	17	11	50	80	208	3	PROVIDE WITH LOW AMBIENT CONTROL, LOW & HIGH PRESSURE SWITCH, LIQUID LINE FILTER DRYER, PROGRAMMABLE THERMOSTAT, AND HAIL GUARD.
HP-8	LENNOX ML17XP1-024-230	AHU-8	410A	24.7	95	22	17	13	15	25	208	1	PROVIDE WITH LOW AMBIENT CONTROL, LOW & HIGH PRESSURE SWITCH, LIQUID LINE FILTER DRYER, PROGRAMMABLE THERMOSTAT, AND HAIL GUARD.
HP-9	LENNOX ML17XP1-024-230	AHU-9	410A	24.7	95	22	17	13	15	25	208	1	PROVIDE WITH LOW AMBIENT CONTROL, LOW & HIGH PRESSURE SWITCH, LIQUID LINE FILTER DRYER, PROGRAMMABLE THERMOSTAT, AND HAIL GUARD.

AIR HANDLING UNIT SCHEDULE

DESIGNATION	REFERENCE PRODUCT	REFRIGERANT TYPE	TOTAL AIRFLOW (CFM)	OUTSIDE AIR AIRFLOW (CFM)	TOTAL COOLING (MBH)	SENSIBLE COOLING (MBH)	AIR EDB / EWB (DEGREE F)	AMBIENT AIR TEMPERATURE (DEGREE F)	SUPPLEMENTAL ELECTRIC HEAT			REMARKS
									KW	VOLTS	PHASE	
AHU-1	LENNOX CBA25UH-018-230	410A	550	-	18.9	14	80/67	95	4	208	1	PROVIDE WITH PROGRAMMABLE THERMOSTAT, LOW AMBIENT CONTROL, CONDENSATE PUMP AND FILTER.
AHU-2	LENNOX CBA25UH-018-230	410A	550	90	18.9	14	80/67	95	4	208	1	PROVIDE WITH PROGRAMMABLE THERMOSTAT, LOW AMBIENT CONTROL, AND FILTER.
AHU-3	LENNOX CBA25UH-024-230	410A	855	130	24.7	19.9	80/67	95	5	208	1	PROVIDE WITH PROGRAMMABLE THERMOSTAT, LOW AMBIENT CONTROL, CONDENSATE PUMP AND FILTER.
AHU-4	LENNOX CBA25UH-024-230	410A	855	130	24.7	19.9	80/67	95	5	208	1	PROVIDE WITH PROGRAMMABLE THERMOSTAT, LOW AMBIENT CONTROL, AND FILTER.
AHU-5	LENNOX CBA25UH-018-230	410A	550	90	18.9	14	80/67	95	4	208	1	PROVIDE WITH PROGRAMMABLE THERMOSTAT, LOW AMBIENT CONTROL, AND FILTER.
AHU-6	LENNOX CBA25UH-018-230	410A	550	90	18.9	14	80/67	95	4	208	1	PROVIDE WITH PROGRAMMABLE THERMOSTAT, LOW AMBIENT CONTROL, AND FILTER.
AHU-7	LENNOX: EL120XASD-STD-230	410A	3480	522	116.9	87.8	80/67	95	10	208	3	PROVIDE WITH PROGRAMMABLE THERMOSTAT, LOW AMBIENT CONTROL, CONDENSATE PUMP AND FILTER.
AHU-8	LENNOX: CBA25UH-024-230	410A	855	130	24.7	19.9	80/67	95	5	208	1	PROVIDE WITH PROGRAMMABLE THERMOSTAT, LOW AMBIENT CONTROL, AND FILTER.
AHU-9	LENNOX: CBA25UH-024-230	410A	855	130	24.7	19.9	80/67	95	5	208	1	PROVIDE WITH PROGRAMMABLE THERMOSTAT, LOW AMBIENT CONTROL, CONDENSATE PUMP AND FILTER.

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	50	0.049	6	12 x 12	30	WHITE	PROVIDE WITH INSULATION BLANKET.
B	TITUS: OMNI AA	LAY-IN PLAQUE	100	0.025	6	24 x 24	30	WHITE	PROVIDE WITH INSULATION BLANKET.
C	TITUS: OMNI AA	LAY-IN PLAQUE	205	0.04	8	24 x 24	30	WHITE	PROVIDE WITH INSULATION BLANKET.
D	TITUS: OMNI AA	LAY-IN PLAQUE	255	0.042	10	24 x 24	30	WHITE	PROVIDE WITH INSULATION BLANKET.
E	TITUS: OMNI AA	LAY-IN PLAQUE	400	0.085	12	24 x 24	30	WHITE	PROVIDE WITH INSULATION BLANKET.
F	TITUS: 301	SIDEWALL	75	0.006	6 x 6	8 x 8	30	WHITE	PROVIDE OPPOSED BLADE DAMPER AND 22.5 DEG DEFLECT TOWARD HIGH WINDOWS.
G	TITUS: FL-20	LINEAR SLOT	200	0.063	8	48"	30		PROVIDE CONTINUOUS PLENUM, TYPE 22 BORDER, JET THROW AIR PATTERN, 2.0" SLOT WIDTH, FACE DAMPER.
H	TITUS: FL-20	LINEAR SLOT	200	0.52	8	48"	30		PROVIDE CONTINUOUS PLENUM, TYPE 22 BORDER, HIGH THROW AIR PATTERN, 2.0" SLOT WIDTH, FACE DAMPER.
1	TITUS: 50F	LAY-IN EGGCRATE	100	0.022	6 x 6 or 6"	24 x 24	30	WHITE	1/2" x 1/2" x 1/2" ALUMINUM CORE. PROVIDE FILTER. USE SRG ADAPTER WHERE ROUND NECK SIZE IS INDICATED ON PLANS.
2	TITUS: 50F	LAY-IN EGGCRATE	205	0.022	8 x 8 or 8"	24 x 24	30	WHITE	1/2" x 1/2" x 1/2" ALUMINUM CORE. USE SRG ADAPTER WHERE ROUND NECK SIZE IS INDICATED ON PLANS
3	TITUS: 50F	LAY-IN EGGCRATE	275	0.016	10 x 10 or 10"	24 x 24	30	WHITE	1/2" x 1/2" x 1/2" ALUMINUM CORE. USE SRG ADAPTER WHERE ROUND NECK SIZE IS INDICATED ON PLANS
4	TITUS: 50F	LAY-IN EGGCRATE	455	0.022	12 x 12 or 12"	24 x 24	30	WHITE	PROVIDE OPPOSED BLADE DAMPER.
5	TITUS: 50F	LAY-IN EGGCRATE	740	0.031	14 x 14 or 14"	24 x 24	30	WHITE	PROVIDE OPPOSED BLADE DAMPER.
6	TITUS: 350F	SIDEWALL	430	0.016	12 x 12	14 x 14	30	WHITE	PROVIDE OPPOSED BLADE DAMPER.
7	TITUS: 350F	SIDEWALL	150	0.016	6 X 6	8 X 8	30	WHITE	PROVIDE OPPOSED BLADE DAMPER.
8	TITUS: 350F	SIDEWALL	855	0.04	30 X 6	32 X 8	40	WHITE	PROVIDE OPPOSED BLADE DAMPER.

EXHAUST FAN SCHEDULE

DESIGNATION	REFERENCE PRODUCT	TYPE	SERVES	DRIVE	AIR FLOW RATE (CFM)	STATIC PRESSURE (IN. WATER)	SONES	MOTOR	ELECTRICAL		REMARKS
								AMPS	VOLTS	PHASE	
EF-1	GREENHECK CSP-A700-VG	INLINE	BATHROOM EXHAUST	DIRECT	500	0.5	1.6	4.10	115	1	PROVIDE WITH DISCONNECT. FAN SHALL OPERATE CONTINUOUSLY DURING OCCUPIED HOURS, SCHEDULE SET BY OWNER.)
EF-2,3	GREENHECK SP-A90	CEILING MOUNT	BATHROOM EXHAUST	DIRECT	75	0.25	0.4	0.17	115	1	PROVIDE WITH BACKDRAFT DAMPER AND DISCONNECT. FAN SHALL BE INTERLOCKED WITH LIGHTSWITCH.

UNIT HEATER - ELECTRIC SCHEDULE

DESIGNATION	REFERENCE PRODUCT		SERVES	HEATING CAPACITY (KW)	HEATING CAPACITY (MBH)	AIR FLOW RATE (CFM)	ELECTRICAL			REMARKS
	MANUFACTURER	MODEL					VOLTS	PHASE	AMPS	
EUH-1	MARKEL	F1F5103N	RISER ROOM	3	11.2	400	208	1	16	PROVIDE WITH DISCONNECT AND REMOTE MOUNTED THERMOSTAT.

LOUVER SCHEDULE

DESIGNATION	REFERENCE PRODUCT	TYPE	WIDTH (INCHES)	HEIGHT (INCHES)	DEPTH (INCHES)	MAXIMUM AIR FLOW (CFM)	PRESSURE DROP (IN. WATER)	REMARKS
L-1	GREENHECK ESD-635	INTAKE	16	16	6	440	0.09	PROVIDE MANUFACTURER'S BIRD AND INSECT SCREEN.
L-2	GREENHECK ESD-635	INTAKE	16	22	6	872	0.12	PROVIDE MANUFACTURER'S BIRD AND INSECT SCREEN.

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M301

STATE OF ARKANSAS REGISTERED PROFESSIONAL ENGINEER NO. 19764 EULON A. LEW 10/18/2024

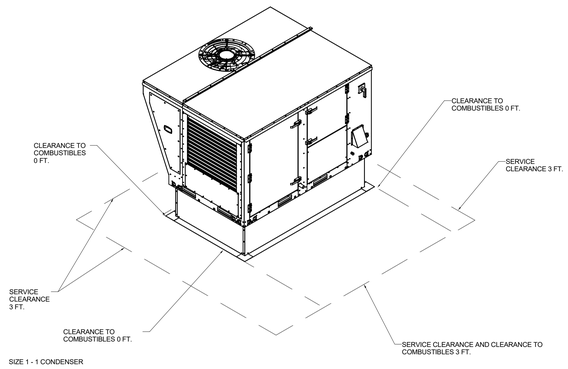
INSIGHT ENGINEERING, PLLC No. 3523 ARKANSAS CERTIFICATE OF AUTHORIZATION

11/14/2024 10:09:22 AM

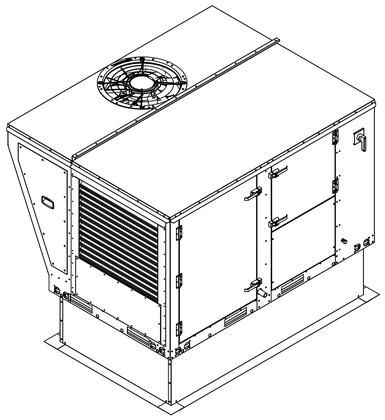
FAN #2 EARTU1-E.152-13-3T-MPU - HEATER (KMAU-1)

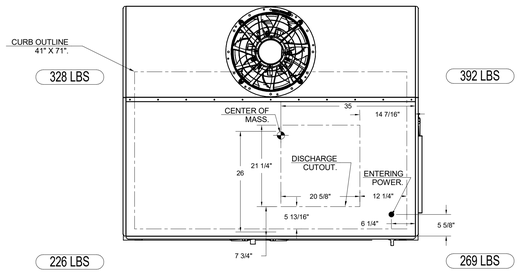
NOTES:
1. DO NOT OBSTRUCT OUTSIDE AIR INLET, OUTSIDE AIR COIL OR OUTSIDE AIR FAN.
2. DENOTES CORNER WEIGHT.
3. ROOF OPENING MUST BE 2" SMALLER THAN CURB DIMENSIONS IN BOTH DIRECTIONS.
4. CONNECTION FROM BREAKER TO UNITS SAFETY DISCONNECT SWITCH TO BE COPPER WIRE ONLY.
5. EXTERIOR GAS CONNECTION PROVIDED BY FACTORY WITH QUICK SEAL AND ANTI-ROTATION BRACKET.

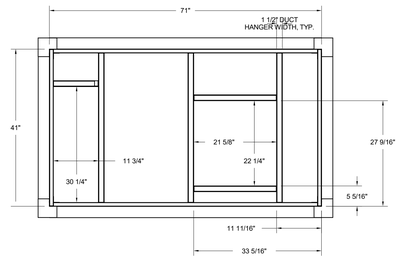
*NOTE: SUPPLY DUCT MUST BE INSTALLED TO MEET SMACNA STANDARDS. A MINIMUM STRAIGHT DUCT LENGTH MUST BE MAINTAINED DOWNSTREAM OF UNIT DISCHARGE AS OUTLINED IN AMCA PUBLICATION 201. WHEN USING RECTANGULAR DUCTWORK, ELBOWS MUST BE RADIUS THROAT, RADIUS BACK WITH TURNING VANES. FLEXIBLE DUCTWORK AND SQUARE THROAT/SQUARE BACK ELBOWS SHOULD NOT BE USED. ANY TRANSITION AND/OR TURNS IN THE DUCTWORK WILL CAUSE SYSTEM EFFECT. SYSTEM EFFECT WILL DRASTICALLY INCREASE STATIC PRESSURE AND REDUCE AIRFLOW. DO NOT RELY ON UNIT TO SUPPORT DUCT IN ANY WAY. FAILURE TO PROPERLY SIZE DUCTWORK MAY CAUSE SYSTEM EFFECTS AND REDUCE PERFORMANCE OF THE EQUIPMENT.
SUGGESTED STRAIGHT DUCT SIZE IS 20.75" x 21.5".

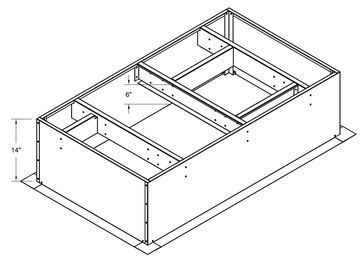


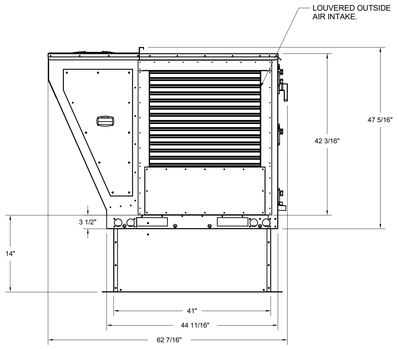
SIZE 1 - 1 CONDENSER

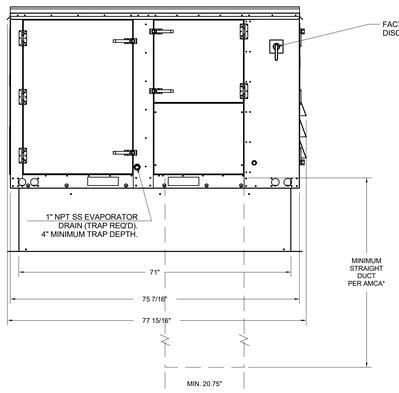


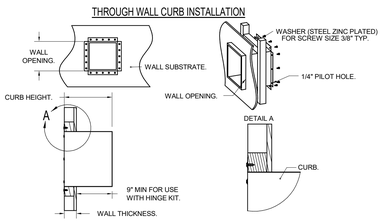


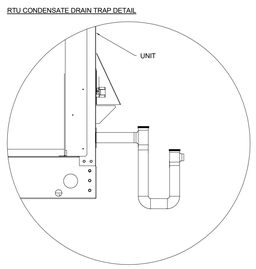


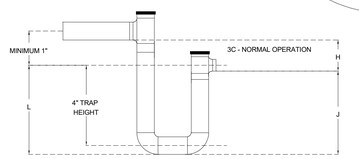












H = (1" FOR EACH 1" OF MAXIMUM NEGATIVE STATIC PRESSURE) + 1"
J = HALF OF H
L = H + J + PIPE DIAMETER + INSULATION

1 KITCHEN MAKE UP AIR UNIT DETAIL
NOT TO SCALE:

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

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SUITE 100
LITTLE ROCK, AR 72201

JONESBORO MUNICIPAL AIRPORT TERMINAL REPLACEMENT

3921 LINDBERGH DRIVE JONESBORO, AR 72401

CONSTRUCTION DOCUMENTS

PROJECT NO.
2226

PROJECT NAME
TERMINAL REPLACEMENT

DATE
10/18/2024

CONTENTS
KITCHEN DETAILS

SHEET NUMBER
M401

STATE OF ARKANSAS REGISTERED ENGINEER NO. 19764 EVELYN A. LEE 10/18/2024

INSIGHT ENGINEERING, PLLC No. 3523 CERTIFICATE OF AUTHORIZATION ARKANSAS

11/14/2024 10:09:23 AM

EXHAUST FAN INFORMATION

FAN UNIT NO	TAG	QTY	FAN UNIT MODEL #	MANUFACTURER	CFM	ESP	RPM	MOTOR ENCL	HP	BHP	PHASE	VOLT	FLA	DISCHARGE VELOCITY	WEIGHT (LBS)	SONES
1	KEF-1	1	EADU50H	ECON-AIR	700	1.000	1414	TEAO-ECM	0.500	0.2890	1	115	6.3	266 FPM	93	13.8

DOAS/RTU FAN SCHEDULE

FAN INFORMATION										ELECTRICAL INFORMATION					COOLING INFORMATION										ELECTRIC HEAT INFORMATION							NOTES
FAN UNIT NO	TAG	QTY	DOAS/RTU MODEL #	MANUFACTURER	BLOWER	RETURN AIR CFM	MAX OUTSIDE AIR CFM	TOTAL CFM	WEIGHT (LBS)	ESP	HP	PHASE	VOLT	MCA	MOCP	OUTSIDE AIR		MIXED AIR		LEAVING AIR			CAPACITY		IEER	ISMRE	DSGN. KW'S	MAX. KW'S	VOLTS	AMPS	MCA	MOCP	TEMP RISE	
																DB	WB	DB	WB	DB	WB	DP	TOTAL	SENS.									
2	KMAU-1	1	EARTU1-E.152-13-3T-MPU	ECON-AIR	13P-1	0	560	560	1215	0.500	2.00	1	208	47.9A	60A	85.7°F	79.2°F	85.7°F	79.2°F	62.7°F	59.8°F	58.2°F	39.6 MBH	13.7 MBH	17.9	6.1	10	15	208	36.1	45.2	50	56 °F	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15

NOTES:

1. INVERTER SCROLL COMPRESSOR WITH INTEGRATED OIL SENSOR. DIGITAL OR STAGED SCROLL NOT AN APPROVED EQUAL
2. DIRECT DRIVE PLENUM BLOWER. BELT DRIVEN BLOWERS ARE NOT ACCEPTABLE
3. INTEGRATED MONITORING VIA CELLULAR CONNECTION BY MANUFACTURER
4. REFRIGERATION PRESSURE MONITORING ON HIGH AND LOW PRESSURE SIDE OF SYSTEM INCLUDED THROUGH DIGITAL INTERFACE
5. EC MOTOR CONDENSING FANS
6. ELECTRONIC EXPANSION VALVE. TXV NOT ACCEPTABLE
7. SUCTION LINE ACCUMULATOR
8. FACTORY COMMISSIONING WITH 5 YEAR PARTS WARRANTY
9. AVERAGING INTAKE, EVAP AND DISCHARGE TEMPERATURE SENSORS (DISCHARGE SENSOR TO BE FACTORY MOUNTED WITHIN UNIT)
10. SUPPLY CFM MONITORING INTEGRAL TO UNIT WITH CFM MEASUREMENT INCLUDED THROUGH DIGITAL INTERFACE
11. HAIL GUARD FOR CONDENSING COIL
12. 1" EXTERIOR DUAL-WALL CONSTRUCTION W/ R-4.3 INSULATION-MINIMUM 24GA EXTERIOR W/ 18GA BASE
13. DOWN DISCHARGE/NO RETURN
14. DIRECT DRIVE ECM PLENUM BLOWER. BELT DRIVEN AND NON-ECM BLOWERS ARE NOT ACCEPTABLE
15. SEPARATE POWER CONNECTION FOR MAIN UNIT & ELECTRIC HEATER

FAN OPTIONS

FAN UNIT NO	TAG	QTY	DESCRIPTION
1	KEF-1	1	GREASE BOX
		1	FAN BASE CERAMIC SEAL - DU/DR50HFA - INSTALLED AT PLANT - FOR GREASE DUCTS
		1	THROUGH WALL CURB MOUNT INSTALLATION. CURB HEIGHT MUST BE MINIMUM 10" TALLER THAN WALL THICKNESS FOR USE WITH A HINGE KIT
		1	WALL MOUNT CONSTRUCTION FOR FAN
		1	SHIP LOOSE DISCONNECT FOR REMOTE MOUNT
		1	HINGE KIT LOCKING (XHD)- SHIPS LOOSE FOR CURB SUPPLIED BY OTHERS
		1	ECM WIRING PACKAGE - EXHAUST - MODBUS CONTROL -MSC- (TELCO), CCW ROTATION
		1	2 YEAR PARTS WARRANTY
2	KMAU-1	1	TOTAL CFM MONITORING
		1	INTAKE FIRESTAT SET TO 135°F
		1	FREEZESTAT
		1	DISCHARGE FIRESTAT SET TO 240°F
		1	SEPARATE ELECTRIC HEAT CONNECTION - RTU. 750VA TRANSFORMER USED FOR CONTROLS. TWO PRIMARY CONNECTIONS REQUIRED FOR RTU WITH ELECTRIC HEAT. IF A NON-DCV PREWIRE CONTROLS THIS UNIT, THE #28, #47, "MA", OR "E2" PREWIRE OPTION MUST BE SELECTED. DO NOT PROVIDE SUPPLY STARTER IN PREWIRE
		1	CASLINK BUILDING MONITORING SYSTEM - INTERNET OR CELLULAR CONNECTION REQUIRED
		1	2" MERV 13 FILTERS FOR RTU1 (QTY. 4)
		1	2" MERV 8 FILTERS FOR RTU1 (QTY. 4)
		1	RTU1 DOWN DISCHARGE ELECTRIC HEAT, 10-45KW
		1	3 TON MODULATING COOLING OPTION, 208/230V - 1 PHASE. R410A REFRIGERANT, VARIABLE SPEED COMPRESSOR, ECM CONDENSING FAN
		1	RTU FIXED 100% OA INTAKE CONTROL
		1	RTU1 NO RETURN - 100% OA - MPU
		1	MOISTURE ELIMINATOR FOR SIZE 1, 3 TON RTU. NO REHEAT
		1	REMOTE TEMPERATURE AND HUMIDITY SPACE SENSOR
		1	RTU1 HAIL GUARD
		1	RTU1 CONVENIENCE OUTLET (GFCI), 15 AMP - REQUIRES SEPARATE 120V CONNECTION. INCLUDES RECEPTACLE, COVER AND J BOX
		1	CLOGGED FILTER SWITCH - NOTIFICATION ON HMI
		1	24VAC FIRE INPUT
		1	RTU1 CURB DUCT HANGER
		1	ECM WIRING PACKAGE - DD SUPPLY - PWM SIGNAL FROM ECPMO3 PREWIRE (TELCO MOTOR)
		1	5 YEAR ENTIRE UNIT PARTS WARRANTY, 10 YEAR ENTIRE UNIT PARTS WARRANTY WITH REMOTE MONITORING AND CAPTIVEAIRE SERVICE CONTRACT
		1	EXTERIOR GAS CONNECTION PROVIDED BY FACTORY WITH QUICK SEAL AND ANTI-ROTATION BRACKET

FAN ACCESSORIES

FAN UNIT NO	TAG	EXHAUST			SUPPLY			
		GREASE CUP	GRAVITY DAMPER	WALL MOUNT	SIDE DISCHARGE	GRAVITY DAMPER	MOTORIZED DAMPER	WALL MOUNT
1	KEF-1	YES						

CURB ASSEMBLIES

NO	ON FAN	TAG	WEIGHT	ITEM	SIZE
1	# 1	KEF-1	20 LBS	CURB	19.500"W X 19.500"L X 18.000"H.
2	# 2	KMAU-1	83 LBS	CURB	41.000"W X 71.000"L X 14.000"H 0.250:12.000 PITCH ALONG WIDTH, RIGHT INSULATED.

HMI SCHEDULE				
UNIT NUMBER	HMI #	HMI LOCATION	TEMP AVERAGING	MODBUS ADDRESS
FAN #2	HMI #1 - UNIT	IN UNIT	NOT AVERAGED	55
FAN #2	HMI #2 - SPACE		AVERAGED	56

FEATURES:

- DIRECT DRIVE CONSTRUCTION (NO BELTS/PULLEYS).
- ROOF MOUNTED FANS.
- RESTAURANT MODEL.
- UL705 AND UL762 AND ULC-S645
- VARIABLE SPEED CONTROL.
- INTERNAL WIRING.
- THERMAL OVERLOAD PROTECTION (SINGLE PHASE).
- HIGH HEAT OPERATION 300°F (149°C).
- GREASE CLASSIFICATION TESTING.
- NEMA 3R SAFETY DISCONNECT SWITCH.

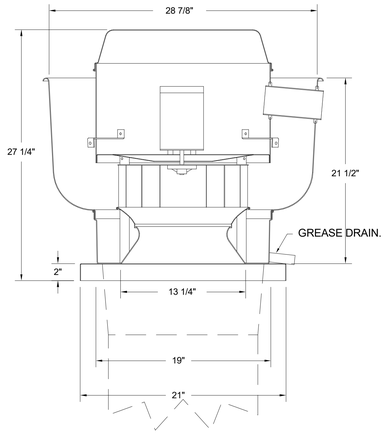
NORMAL TEMPERATURE TEST
EXHAUST FAN MUST OPERATE CONTINUOUSLY WHILE EXHAUSTING AIR AT 300°F (149°C) UNTIL ALL FAN PARTS HAVE REACHED THERMAL EQUILIBRIUM, AND WITHOUT ANY DETERIORATING EFFECTS TO THE FAN WHICH WOULD CAUSE UNSAFE OPERATION.

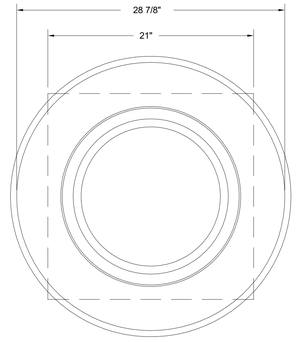
ABNORMAL FLARE-UP TEST
EXHAUST FAN MUST OPERATE CONTINUOUSLY WHILE EXHAUSTING BURNING GREASE VAPORS AT 600°F (316°C) FOR A PERIOD OF 15 MINUTES WITHOUT THE FAN BECOMING DAMAGED TO ANY EXTENT THAT COULD CAUSE AN UNSAFE CONDITION.

OPTIONS

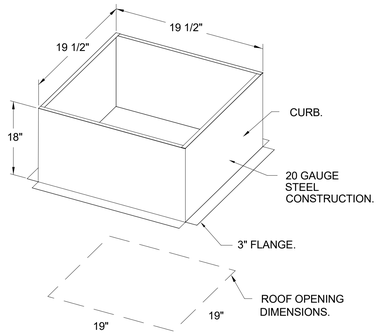
- GREASE BOX.
- FAN BASE CERAMIC SEAL - DU/DR50HFA - INSTALLED AT PLANT - FOR GREASE DUCTS.
- THROUGH WALL CURB MOUNT INSTALLATION. CURB HEIGHT MUST BE MINIMUM 10" TALLER THAN WALL THICKNESS FOR USE WITH A HINGE KIT.
- WALL MOUNT CONSTRUCTION FOR FAN.
- SHIP LOOSE DISCONNECT FOR REMOTE MOUNT.
- HINGE KIT LOCKING (XHD)- SHIPS LOOSE FOR CURB SUPPLIED BY OTHERS.
- ECM WIRING PACKAGE - EXHAUST - MODBUS CONTROL -MSC- (TELCO), CCW ROTATION.
- 2 YEAR PARTS WARRANTY.

FAN #1 EADU50H - EXHAUST FAN (KEF-1)



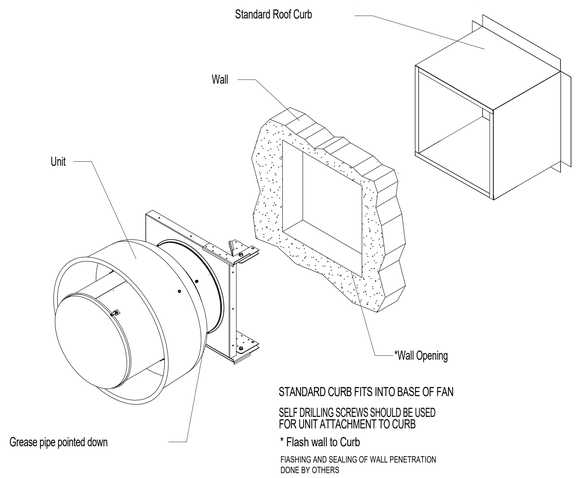


TOP VIEW



Wall Mount w/ Standard Curb

(24" WHEEL 2 HP - 1 & 3 PHASE)
(24" WHEEL 3 HP - 3 PHASE MAXIMUM)



STANDARD CURB FITS INTO BASE OF FAN

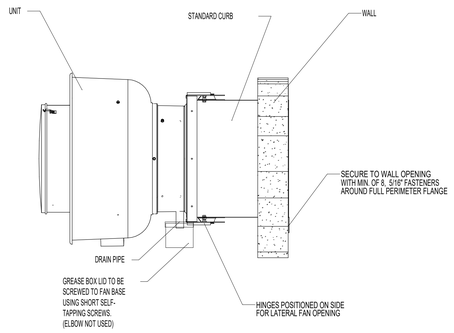
SELF DRILLING SCREWS SHOULD BE USED FOR UNIT ATTACHMENT TO CURB

* Flash wall to Curb

FIASHING AND SEALING OF WALL PENETRATION DONE BY OTHERS

Wall Mount w/ Standard Curb SIDE VIEW

(24" WHEEL 2 HP & 3 HP 1 PHASE MAXIMUM)



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JONESBORO MUNICIPAL AIRPORT
TERMINAL REPLACEMENT

3921 LINDBERGH DRIVE
JONESBORO, AR 72401

CONSTRUCTION DOCUMENTS

PROJECT NO.
2226

PROJECT NAME
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DATE
10/18/2024

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KITCHEN DETAILS AND SCHEDULES

SHEET NUMBER
M402

11/14/2024 10:09:23 AM

FIRE SYSTEM INFORMATION

FIRE SYSTEM NO	TAG	TYPE	SIZE	MAX FP	DESIGN FP	INSTALLATION	
						SYSTEM	LOCATION ON HOOD
1	FS-1	TANK FS	4.0	20	18	FIRE CABINET RIGHT	RIGHT, HOOD 1

FIRE SYSTEM PARTS LIST KEY

FIRE SYSTEM NO	TAG	KEY NUMBER - PART DESCRIPTION	QTY BY FACTORY	QTY BY DIST
1	FS-1	0 - 0 - TANK FIRE SUPPRESSION POST-DISCHARGE PROCEDURE UTILITY CABINET LABEL SHEET.	1	0
		0 - 0 - TANK FIRE SUPPRESSION MAINTENANCE GUIDE UTILITY CABINET LABEL SHEET.	1	0
		0 - 0 - 12-F28021-32144-OT-360 DUCT FIRE THERMOSTAT WITH 12 FOOT WIRE LEADS. NO, CLOSE ON TEMP RISE AT 360°F. (A0034310).	1	0
		0 - 0 - 4429K153 1/2" MALE NPT TO 1/2" FEMALE NPT ELBOW, BRASS.	1	0
		0 - 0 - 4429K422 1/2" X 1/4" BRASS REDUCING BUSHING.	1	0
		0 - 0 - 79525 1/2" 90 PRO-PRESS ELBOW WITH 1/2 " NPT FEMALE CONNECTION, VIEGA.	1	0
		0 - 0 - 79580 1/2" X 1/2" PRO-PRESS TEE X 1/2 " NPT FEMALE CONNECTION, VIEGA.	1	0
		0 - 0 - 87-300001-001 TANK - PRESSURIZED TANK USED FOR TANK FIRE SUPPRESSION.	1	0
		0 - 0 - 87-300030-001 PRIMARY ACTUATOR KIT (PAK) - ACTUATOR AND RELEASE SOLENOID ASSEMBLY, ONE NEEDED PER FIRE SYSTEM, SUPERVISED, TANK FIRE SUPPRESSION.	1	0
		0 - 0 - 87-300030-001 PRIMARY ACTUATOR KIT (PAK) - ACTUATOR AND RELEASE SOLENOID ASSEMBLY, ONE NEEDED PER FIRE SYSTEM, SUPERVISED, TANK FIRE SUPPRESSION.	1	0
		0 - 0 - 87-300152-001 HARDWARE, SVA BOLTS, TANK FIRE SUPPRESSION.	4	0
		0 - 0 - 98694A115 HARDWARE, DATANKLOCK LOCKING BRACKET SQUARE NUTS 5/16" ZINC, TANK FIRE SUPPRESSION.	2	0
		0 - 0 - A0034332 JUNCTION BOX FOR MANUAL PULL STATION. 1.5" DEEP BACK BOX, RED COLOR.	1	0
		0 - 0 - A31484 1/4" NPT SCHRADER VALVE AND CAP, JB INDUSTRIES. 1/4" FLARE X 1/4" MPT HALF UNION. USED ON TANK SERVICE PORT.	1	0
		0 - 0 - DATANKLOCK DISCHARGE ADAPTER TANK LOCKING PLATE FOR FIRE SYSTEM TANK INSTALLATION IN UTILITY CABINETS, TANK FIRE SUPPRESSION.	1	0
		0 - 0 - TANK STRAP TANK STRAP - USED FOR TANK FIRE SUPPRESSION.	3	0
		0 - 0 - TFS-UCTANKBRACKET TANK BRACKET FOR FIRE SYSTEM TANK INSTALLATION IN UTILITY CABINETS, TANK FIRE SUPPRESSION.	1	0
		0 - 0 - WK-283952-000 DISCHARGE ADAPTER, TANK FIRE SUPPRESSION.	1	0
		34 - 34 - A0034331 24VDC SINGLE ACTION MANUAL ACTUATION DEVICE (PUSH/PULL STATION) WITH PROTECTIVE COVER, ONE (1) NORMALLY OPEN CONTACT. RED COLOR.	1	0

NOTES
- FIELD PIPE DROPS AS SHOWN
  PIPING, ELBOWS, TEES, AND NOZZLES SUPPLIED BY CAS.
- FIELD INSTALLED DROP: FACTORY WILL PROVIDE QTY 2 60IN LONG PIECES OF CHROME PLATED PIPING SHIPPED LOOSE TO BE FIELD-INSTALLED.
- SHIP LOOSE DROP: FACTORY WILL PROVIDE THE EXACT CHROME PIPE LENGTH NEEDED SHIPPED LOOSE TO BE FIELD-INSTALLED.
- RELOCATE NOZZLES IF FLOW PATTERN IS BLOCKED BY SHELVING, SALAMANDERS, ETC.
- OVERLAPPING COVERAGE SHALL NOT BE USED ON ANY APPLIANCE WITH AN OBSTRUCTION.
- IF APPLICABLE, EXTENDED PRE-PIPED DROPS ARE SHIPPED LOOSE.
- FACTORY PIPING EXTENDS A MAXIMUM OF 6" ABOVE THE TOP OF THE HOOD.

- APPLIANCE DIMENSIONS LISTED REPRESENT THE COOKING SURFACE SIZE, NOT THE OVERALL APPLIANCE SIZE.

- THIS FIRE SYSTEM COMPLIES WITH U.L. 300 REQUIREMENTS.

- OL-F NOZZLE PART NUMBER REPLACES 3070-3/8H-10-SS

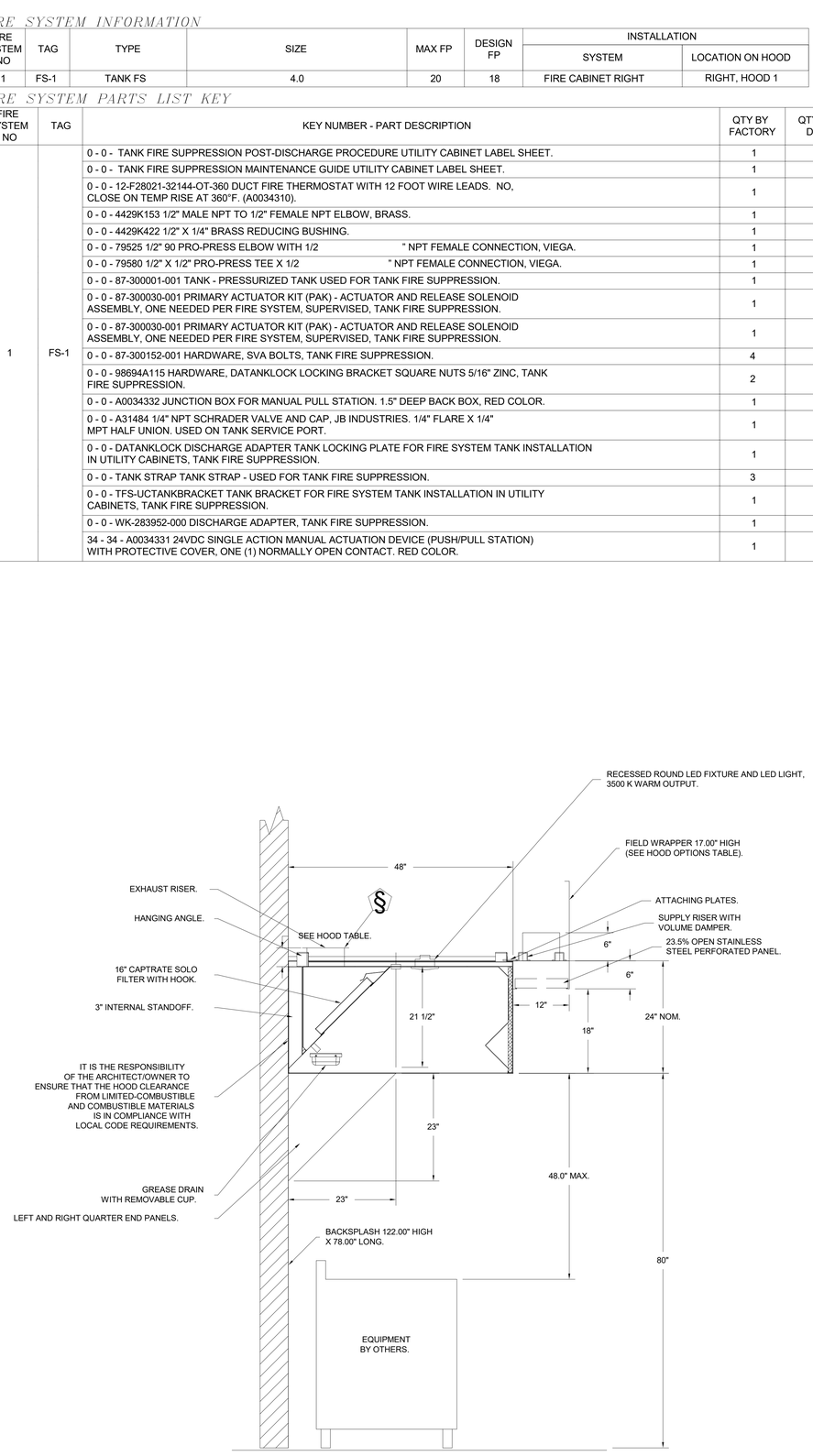
SYSTEM SIZE: TANK-SP-1 DESIGN FP: 18. MAXIMUM FP: 20.
HOOD # 1 4' 0.00" LONG x 48" WIDE x 24" HIGH.
RISER # 1 SIZE: 8" DIA.
HOOD # 1 METAL BLOW-OFF CAPS INCLUDED.

- HEAVY-DUTY APPLIANCES (RATED 600°F) WILL REQUIRE AN ADDITIONAL DOWNSTREAM FIRESTAT IN THE EVENT THAT THE DUCTWORK CONTAINS ANY HORIZONTAL RUNS OVER 25 FT IN LENGTH.
- MEDIUM TO LIGHT-DUTY APPLIANCES (RATED 450°F) WILL NOT REQUIRE ANY ADDITIONAL DOWNSTREAM DETECTION.

AGENT DISTRIBUTION PIPING LIMITATIONS	
PIPE SECTION	MAX PIPE LENGTH (FT)
MAX SUPPLY LINE TO FIRST OVERLAPPING NOZZLE	42
OVERLAPPING NOZZLE APPLIANCE BRANCH	10
DEDICATED NOZZLE APPLIANCE BRANCH	10

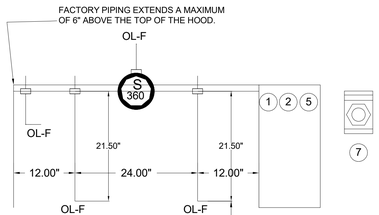
LEGEND – FIRE CABINET TANK SYSTEM

1 4 GALLON TANK.
2 PRIMARY ACTUATOR RELEASE.
3 SECONDARY ACTUATOR RELEASE.
4 PRESSURE SUPERVISION SWITCH.
5 PRIMARY HOSE ASSEMBLY.
6 SECONDARY HOSE ASSEMBLY.
7 REMOTE MANUAL ACTUATION DEVICE.



SECTION VIEW – MODEL 4824EX-2-PSP-F HOOD – #1

- SYSTEM REQUIRES A MINIMUM OF 7 FT OF EQUIVALENT PIPE LENGTH BETWEEN TANK AND NEAREST APPLIANCE NOZZLE FOR MOST APPLIANCES. EACH 90 DEGREE ELBOW ADDS 1.3 FT OF EQUIVALENT LENGTH. SEE MANUAL FOR DETAILS



NOZZLE HEIGHT 35-50" FROM COOKING SURFACE. (45.25")

TANK OVERLAPPING PROTECTION - 30 HIGH PROXIMITY 48.00" L X30.00" D

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10/18/2024

INSIGHT ENGINEERING, PLLC No. 3523 CERTIFICATE OF AUTHORIZATION ARKANSAS

11/14/2024 10:09:24 AM

HOOD INFORMATION

HOOD NO	TAG	MODEL	MANUFACTURER	LENGTH	MAX COOKING TEMP	TYPE	APPLIANCE DUTY	DESIGN CFM/FT	TOTAL EXH CFM	EXHAUST PLENUM RISER(S) WIDTH	LENG	HEIGHT	DIA	CFM	VEL	SP	TOTAL SUPPLY CFM	HOOD CONSTRUCTION	HOOD CONFIG END TO END	ROW
1	KH-1	4824 EX-2-PSP-F	ECON-AIR	4' 0"	450 DEG	I	MEDIUM	175	700			4"	10"	700	1283	-0.444"	560	430 SS WHERE EXPOSED	ALONE	ALONE

HOOD INFORMATION

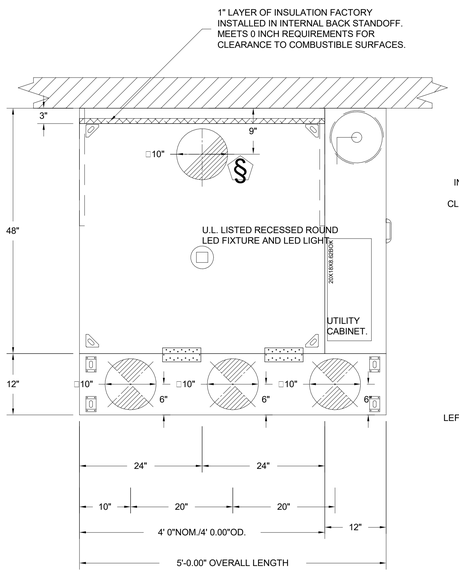
HOOD NO	TAG	FILTER(S) TYPE	QTY	HEIGHT	LENGTH	EFFICIENCY @ 7 MICRONS	LIGHT(S) QTY	TYPE	WIRE GUARD	UTILITY CABINET(S) LOCATION	SIZE	FIRE SYSTEM TYPE	FIRE SYSTEM SIZE	ELECTRICAL MODEL #	SWITCHES QUANTITY	FIRE SYSTEM PIPING	HOOD HANGING WEIGHT
1	KH-1	CAPTRATE SOLO FILTER	2	16"	20"	85% SEE FILTER SPEC	1	RECESSED ROUND	NO	RIGHT	12"x48"x24"	TANK FS	4.0	SC-311110MA	1 LIGHT 1 FAN	YES	547 LBS

HOOD OPTIONS

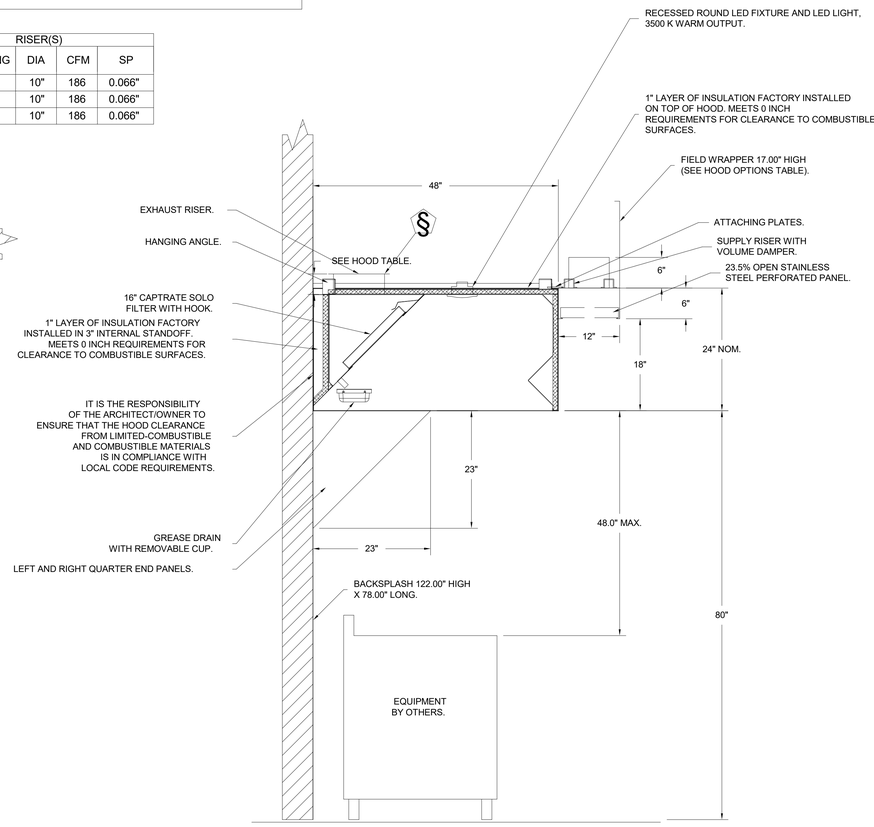
HOOD NO	TAG	OPTION
1	KH-1	FIELD WRAPPER 17.00" HIGH FRONT, LEFT, RIGHT.
		BACKSPLASH 122.00" HIGH X 78.00" LONG 430 SS VERTICAL.
		RIGHT QUARTER END PANEL 23" TOP WIDTH, 0" BOTTOM WIDTH, 23" HIGH 430 SS.
		LEFT QUARTER END PANEL 23" TOP WIDTH, 0" BOTTOM WIDTH, 23" HIGH 430 SS.
		INSULATION FOR TOP OF HOOD.
		INSULATION FOR BACK OF HOOD.
		RISER SENSOR INSTALL 6IN PLEN.

PERFORATED SUPPLY PLENUM(S)

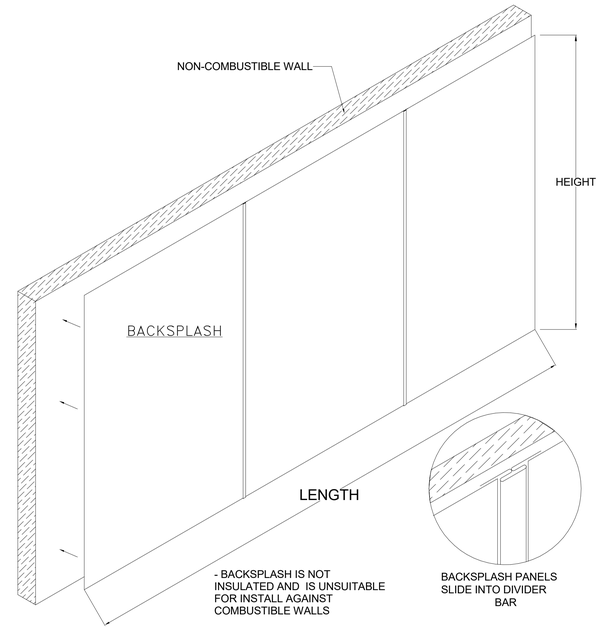
HOOD NO	TAG	POS	LENGTH	WIDTH	HEIGHT	TYPE	RISER(S) WIDTH	LENG	DIA	CFM	SP
1	KH-1	Front	60"	12"	6"	MUA			10"	186	0.066"
						MUA			10"	186	0.066"
						MUA			10"	186	0.066"



PLAN VIEW – HOOD #1 (KH-1)
4' 0.00" LONG 4824EX-2-PSP-F



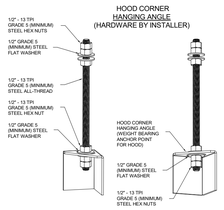
SECTION VIEW – MODEL 4824EX-2-PSP-F
HOOD – #1 (KH-1)



CLEARANCE TO COMBUSTIBLES

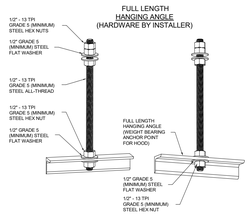
HOODS #	SURFACE	*CLEARANCE
1	TOP	0"
	FRONT	0"
	BACK	0"
	LEFT	18"
	RIGHT	0"

- "0" CLEARANCE TO COMBUSTIBLES CONFORMS TO UL710 STANDARD.
- HOOD MOUNTED UTILITY CABINETS REQUIRE 36" SERVICE CLEARANCE.



ASSEMBLY INSTRUCTIONS

HANGING ANGLE MUST BE SUPPORTED WITH 1/2" - 13 TPI GRADE 5 (MINIMUM) ALL-THREAD. SANDWICH HANGING ANGLES AND CEILING ANCHOR POINTS WITH 1/2" GRADE 5 (MINIMUM) STEEL FLAT WASHERS AND 1/2" - 13 TPI GRADE 5 (MINIMUM) HEX NUTS AS SHOWN. MUST USE DOUBLED HEX NUT CONFIGURATION BENEATH HOOD HANGING ANGLES AND ABOVE CEILING ANCHORS. MAINTAIN 1/4" OF EXPOSED THREADS BENEATH BOTTOM HEX NUT. TORQUE ALL HEX NUTS TO 57 FT-LBS.



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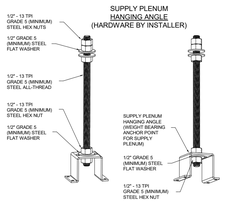

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COOPER MIXON ARCHITECT
505 union street, 2nd fl jonesboro, ar 72401
phone 870.336.0536 www.coopermixon.com

Michael Baker INTERNATIONAL
101 SOUTH SPRING STREET SUITE 100
LITTLE ROCK, AR 72201

JONESBORO MUNICIPAL AIRPORT
TERMINAL REPLACEMENT

3921 LINDBERGH DRIVE
JONESBORO, AR 72401

CONSTRUCTION DOCUMENTS

PROJECT NO.
2226

PROJECT NAME
TERMINAL REPLACEMENT

DATE
10/18/2024

CONTENTS
KITCHEN DETAILS AND SCHEDULES

SHEET NUMBER
M404

STATE OF ARKANSAS REGISTERED ENGINEER NO. 19764 EMILON NASH 10/18/2024

INSIGHT ENGINEERING, PLLC No. 3523 ARKANSAS

11/14/2024 10:09:25 AM

ELECTRICAL GENERAL NOTES

1. CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL INSTALLATION WITH THE WORK OF OTHER TRADES. FIELD MODIFICATIONS NEEDED DUE TO OBSTRUCTIONS OR INTERFERENCES SHALL BE PROVIDED AT NO ADDITIONAL COST.
2. ALL WORK SHALL BE PERFORMED IN A NEAT AND WORKMANLIKE MANNER WITHIN STANDARD OF CARE FOR PROFESSION. ALL LABOR, MATERIAL, TOOLS, PERMITS, INSPECTIONS, TESTING, CERTIFICATION, ETC. REQUIRED FOR A COMPLETE AND SATISFACTORY INSTALLATION TO DESIGN INTENT SHALL BE FURNISHED BY CONTRACTOR. PROVIDE, AT NO ADDITIONAL COST, INCLUDING INCIDENTAL ITEMS NOT SHOWN WHEN REQUIRED FOR TYPICAL COMPLETION OF WORK.
3. DRAWINGS NOT BEARING THE STAMP OR SEAL AND SIGNATURE OF A REGISTERED PROFESSIONAL ENGINEER SHALL NOT BE USED FOR BIDDING OR CONSTRUCTION PURPOSES UNLESS EXPRESSLY APPROVED IN WRITING BY THE ARCHITECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ALL DRAWINGS AND SPECIFICATIONS BEING USED FOR BIDDING AND CONSTRUCTION PURPOSES ARE OF THE LATEST REVISION AVAILABLE AND ALL ADDENDUM DOCUMENTS HAVE BEEN INCORPORATED EITHER BY REVISION RELEASE OF DRAWINGS/SPECIFICATIONS OR ATTACHMENT OF SKETCHES OR OTHER ADDENDUM INFORMATION.
4. THE CONTRACTOR SHALL FURNISH AND INSTALL NEW PRODUCTS OF ESTABLISHED AND REPUTABLE MANUFACTURERS. NO EQUIPMENT SUBSTITUTIONS SHALL BE MADE THAT WOULD LEAVE INADEQUATE OPERATING OR SERVICE SPACE. EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDED INSTALLATION PROCEDURES AND IN AN ARRANGEMENT THAT WILL GIVE THE GREATEST PRACTICAL EASE OF OPERATION AND SERVICE TO THE OWNER.
5. ALL EQUIPMENT WHICH IS INDICATED TO BE FURNISHED AND/OR INSTALLED BY OTHERS OR BY OWNER IS INCLUDED FOR REFERENCE ONLY UNLESS NOTED OTHERWISE. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING AND VERIFYING INSTALLATION REQUIREMENTS OF THIS EQUIPMENT WITH THE APPLICABLE SUPPLIER OR THE OWNER. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
6. ALL WORK SHALL BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF ALL APPLICABLE CODES AND REGULATIONS INCLUDING BUT NOT LIMITED TO NATIONAL, CITY, STATE, LOCAL ORDINANCES, AND UTILITY COMPANY REGULATIONS. ALL ELECTRICAL 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 THEMSELVES WITH THE EXISTING CONDITIONS AND OPERATIONS. FAILURE ON THEIR 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 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

Symbol	Description
ID	WALL MOUNT STRIP LIGHT.
ID	WALL PACK LIGHT FIXTURE.
ID	RECESSED ROUND DOWN LIGHT.
ID	RECESSED SQUARE DOWN LIGHT.
ID	2X4 LED TROFFER.
ID	2X4 LED TROFFER ON EMERGENCY POWER.
ID	2X2 LED TROFFER.
ID	2X2 LED TROFFER ON EMERGENCY POWER.
ID	4' LED STRIP
ID	WALL LIGHT RECTANGLE
ID	EMERGENCY LIGHT
ID	PENDANT LIGHT

SWITCHES

Symbol	Description
S, SD, S3, S4, SL, SLD	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.
SO	WALL MOUNTED DUAL TECH. MOTION SENSOR SWITCH WIRE PER MANUFACTURERS RECOMMENDATION. PROVIDE CONTACTORS TO CONTROL EXHAUST FAN WITH LIGHTS.
SOD	WALL MOUNTED PASSIVE INFRARED COMBINATION OCCUPANCY SENSOR SWITCH AND SINGLE POLE WALLBOX SLIDE DIMMER. WIRE PER MANUFACTURERS RECOMMENDATION. PROVIDE CONTACTORS TO CONTROL EXHAUST FAN WITH LIGHTS. LEVITON OSD10 OR EQUAL
SG	SINGLE POLE SWITCH FOR GARBAGE DISPOSER. WIRE RECEPTACLE TO SWITCHED UPPER HALF.
SM	MOTOR RATED SWITCH USED FOR EQUIPMENT DISCONNECTING MEANS. SINGLE PHASE: PROVIDE MANUAL MOTOR STARTER WITH THERMAL OVERLOAD RELAYS SIZED PER MOTOR LOAD.
PC	PHOTO-ELECTRIC CELL
	BRANCH CIRCUIT HOMERUN. PANEL AND CIRCUIT NUMBER INDICATED.
OS	CEILING MOUNTED DUAL TECH. OCCUPANCY SENSOR. PROVIDE AND INSTALL APPROPRIATE POWER PACK. COORDINATE SWITCHING, LOCATION AND QUANTITY WITH ACTUAL OCCUPANCY SENSOR USED. WIRE PER MANUFACTURERS RECOMMENDATION. PROVIDE OCCUPANCY SENSOR WHICH IS THE CORRECT TYPE FOR THE SPACE. PROVIDE CONTACTORS TO CONTROL EXHAUST FAN WITH LIGHTS.

Symbol	Description
	DATA: REQUIRES 4-11/16" SQUARE OUTLET BOX, APPROPRIATE PLASTER RING, AND 1" C. STUBBED TO AN ACCESSIBLE LOCATION ABOVE A REMOVABLE CEILING TILE. MINIMUM OF TWO DATA CABLES AT EACH LOCATION SHOWN UNLESS OTHERWISE NOTED. MOUNT 18" AFF UNLESS OTHERWISE NOTED.
	TELEPHONE: REQUIRES 4-11/16" SQUARE OUTLET BOX, APPROPRIATE PLASTER RING, AND 1" C. STUBBED TO AN ACCESSIBLE LOCATION ABOVE A REMOVABLE CEILING TILE. NUMBER DENOTES THE NUMBER OF TELEPHONE PORTS/CABLES TO BE PROVIDED. MINIMUM OF TWO CABLES AT EACH LOCATION IS REQUIRED UNLESS OTHERWISE NOTED. MOUNT 18" AFF UNLESS OTHERWISE NOTED.
	COMBINATION TELEPHONE/DATA: REQUIRES 4-11/16" SQUARE OUTLET BOX, APPROPRIATE PLASTER RING, AND 1" C. STUBBED TO AN ACCESSIBLE LOCATION ABOVE A REMOVABLE CEILING TILE. NUMBER DENOTES THE NUMBER OF TELEPHONE PORTS/CABLES TO BE PROVIDED. MINIMUM OF TWO CABLES AT EACH LOCATION IS REQUIRED UNLESS OTHERWISE NOTED. MOUNT 18" AFF UNLESS OTHERWISE NOTED.
	TELEVISION CABLE OUTLET VERIFY EXACT LOCATION AND MOUNTING HEIGHT WITH THE OWNER PRIOR TO ROUGH-IN. REQUIRES RECEPTACLE, ONE RG6 COAXIAL CABLE AND 2 CATEGORY 5E NETWORK CABLES IN SEPARATE 1" CONDUIT TO DATA ROOM. PROVIDE 3 GANG BACK BOX ARLINGTON #TVBS507.
	TELEPHONE MOUNTED FLUSH MOUNTED IN FLOOR; VERIFY REQUIREMENTS AND EXACT LOCATION WITH OWNER'S REPRESENTATIVE PRIOR TO ROUGH-IN.
	DATA MOUNTED FLUSH MOUNTED IN FLOOR; VERIFY REQUIREMENTS AND EXACT LOCATION WITH OWNER'S REPRESENTATIVE PRIOR TO ROUGH-IN.
	COMBO TELE/DATA MOUNTED FLUSH MOUNTED IN FLOOR; VERIFY REQUIREMENTS AND EXACT LOCATION WITH OWNER'S REPRESENTATIVE PRIOR TO ROUGH-IN.
	TELEVISION CABLE OUTLET VERIFY EXACT LOCATION AND MOUNTING HEIGHT WITH THE OWNER PRIOR TO ROUGH-IN. REQUIRES RECEPTACLE, ONE RG6 COAXIAL CABLE AND 2 CATEGORY 5E NETWORK CABLES IN SEPARATE 1" CONDUIT TO DATA ROOM. PROVIDE 3 GANG BACK BOX ARLINGTON #TVBS507.
	TELEPHONE MOUNTED IN CEILING; VERIFY REQUIREMENTS AND EXACT LOCATION WITH OWNER'S REPRESENTATIVE PRIOR TO ROUGH-IN.
	DATA MOUNTED IN CEILING; VERIFY REQUIREMENTS AND EXACT LOCATION WITH OWNER'S REPRESENTATIVE PRIOR TO ROUGH-IN.
	COMBO TELE/DATA MOUNTED IN CEILING; VERIFY REQUIREMENTS AND EXACT LOCATION WITH OWNER'S REPRESENTATIVE PRIOR TO ROUGH-IN.
	TELEVISION MOUNTED IN CEILING; VERIFY REQUIREMENTS AND EXACT LOCATION WITH OWNER'S REPRESENTATIVE PRIOR TO ROUGH-IN.
	ELECTRICAL PANEL.
	DRY TYPE TRANSFORMER-480/120-208 VOLTS. PROVIDE VIBRATION-ISOLATION MOUNTING PADS.
TTB	TELEPHONE AND FIRE ALARM
1	REVISION DELTA.

Symbol	Description
F # - WR	WALL MOUNT FIRE ALARM STROBE-WR DENOTES WEATHER RESISTANT. REQUIRES 4" SQUARE BOX WITH ß" CONDUIT STUBBED ABOVE ACCESSIBLE CEILING. NUMBER DENOTES CANDELA RATING.
F # - WR	WALL MOUNT FIRE ALARM SPEAKER/STROBE-WR DENOTES WEATHER RESISTANT. REQUIRES 4" SQUARE BOX WITH ß" CONDUIT STUBBED ABOVE ACCESSIBLE CEILING. NUMBER DENOTES CANDELA RATING.
	MANUAL PULL STATION WALL 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.
FACP	FIRE ALARM CONTROL PANEL MOUNTED 50" A.F.F.
FAAP	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.
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.
	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.
	DUPLEX RECEPTACLE - IN FLUSH MOUNTED THRU FLOOR FITTING.
	QUADRUPLEX RECEPTACLE - IN FLUSH MOUNTED THRU FLOOR FITTING.
	EXIT SIGN/COMBINATION EXIT/EMERGENCY LIGHT
	EXIT SIGN/COMBINATION EXIT/EMERGENCY LIGHT (WITH DIRECTIONAL ARROWS).
	EXIT SIGN/COMBINATION EXIT/EMERGENCY LIGHT (WITH STROBES).
	WALL MOUNTED EXIT SIGN/COMBINATION EXIT/EMERGENCY LIGHT.

LIGHTING FIXTURE SCHEDULE

DESIGNATION	MANUFACTURER	MODEL	LUMENS	LOAD	DESCRIPTION
A	FINELITE	HPR-SL-ANR-2X2-S-835-DCO-96LG-120-SC-FC-10%-C1-96LG	3448	30 VA	2X2 LOW LUMEN TROFFER, 0-10V DIMMING
A1	FINELITE	HPR-SL-ANR-2X2-S-835-DCO-96LG-120-SC-FC-10%-C1-96LG-BSL310LP	3448	30 VA	2X2 LOW LUMEN TROFFER, EMERGECNY BATTERY PACK
A2	FINELITE	HPR-SL-ANR-2X2-V-835-DCO-96LG-120-SC-FC-10%-C1-96LG	6200	47 VA	2X2 HIGH LUMEN TROFFER
C	LIGHTOLIER	4SN-BAC – C4L-15-935-M-Z10U-BAC-C4SDLNMCD-(FINISH)-BAC	1500	13 VA	4" DOWNLIGHT, LOW LUMEN LEVEL
C1	LIGHTOLIER	4SN-EM6-BAC – C4L-15-935-M-Z10U-BAC-C4SDLNMCD-(FINISH)-BAC	1500	13 VA	4" DOWNLIGHT, LOW LUMEN LEVEL. EMERGECNY BATTERY PACK, WET LOCATION
D	DAYBRITE	FSS-4-40L-835-UNV-DIM-BAC	3812	30 VA	4' STRIP LIGHT, CHAIN MOUNTED 9'-0" A.F.F.
D1	DAYBRITE	FSS-4-40L-835-UNV-DIM-EMLED-BAC	3812	30 VA	4' STRIP LIGHT, CHAIN MOUNTED 9'-0" A.F.F.. EMERGENCY BATTERY PACK
F	FINELITE	HP-4-P-ID-4'-S-S-835-TG-F-96LG-120-SC-FC-10%-FA100-FE-(FINISH)-EM	3228	29 VA	4' LINEAR DIRECT/INDIRECT PENDANT, CABLE MOUNTED 10'-0" A.F.F., EMERGENCY BATTERY PACK
F1	FINELITE	HP-4-P-ID-6'-S-S-835-TG-F-96LG-120-SC-FC-10%-FA100-FE-(FINISH)	4842	44 VA	6' LINEAR DIRECT/INDIRECT PENDANT, CABLE MOUNTED 10'-0" A.F.F.
F2	FINELITE	HP-4-P-ID-8'-S-S-835-TG-F-96LG-120-SC-FC-10%-FA100-FE-(FINISH)	6456	58 VA	8' LINEAR DIRECT/INDIRECT PENDANT, CABLE MOUNTED 10'-0" A.F.F.
G	FINELITE	HP-4-P-ID-4'-H-H-835-TG-F-96LG-120-SC-FC-10%-FA150-FE-(FINISH)	6136	57 VA	4' LINEAR DIRECT/INDIRECT PENDANT, CABLE MOUNTED 15'-9" A.F.F.
G1	FINELITE	HP-4-P-ID-6'-H-H-835-TG-F-96LG-120-SC-FC-10%-FA150-FE-(FINISH)	9204	85 VA	6' LINEAR DIRECT/INDIRECT PENDANT, CABLE MOUNTED 15'-9" A.F.F.
G2	FINELITE	HP-4-P-ID-8'-H-H-835-TG-F-96LG-120-SC-FC-10%-FA150-FE-(FINISH)	12272	114 VA	8' LINEAR DIRECT/INDIRECT PENDANT, CABLE MOUNTED 15'-9" A.F.F.
H	FINELITE	HP-4-P-ID-4'-H-H-835-TG-F-96LG-120-SC-FC-10%-FA150-FE-(FINISH)	6136	57 VA	4' LINEAR DIRECT/INDIRECT PENDANT, CABLE MOUNTED 17'-0" A.F.F.
H1	FINELITE	HP-4-P-ID-6'-H-H-835-TG-F-96LG-120-SC-FC-10%-FA150-FE-(FINISH)	9204	85 VA	6' LINEAR DIRECT/INDIRECT PENDANT, CABLE MOUNTED 17'-0" A.F.F.
H2	FINELITE	HP-4-P-ID-8'-H-H-835-TG-F-96LG-120-SC-FC-10%-FA150-FE-(FINISH)	12272	114 VA	8' LINEAR DIRECT/INDIRECT PENDANT, CABLE MOUNTED 17'-0" A.F.F.
K	FINELITE	HP-4-P-ID-4'-H-H-835-TG-F-96LG-120-SC-FC-10%-FA150-FE-(FINISH)	6136	57 VA	4' LINEAR DIRECT/INDIRECT PENDANT, CABLE MOUNTED 18'-5" A.F.F.
K1	FINELITE	HP-4-P-ID-6'-H-H-835-TG-F-96LG-120-SC-FC-10%-FA150-FE-(FINISH)	9204	85 VA	6' LINEAR DIRECT/INDIRECT PENDANT, CABLE MOUNTED 18'-5" A.F.F.
K2	FINELITE	HP-4-P-ID-6'-H-H-835-TG-F-96LG-120-SC-FC-10%-FA150-FE-(FINISH)-EM	9204	85 VA	6' LINEAR DIRECT/INDIRECT PENDANT, CABLE MOUNTED 18'-5" A.F.F., EMERGENCY BATTERY PACK
L	FINELITE	HP-4-R-D-4'-H-835-F-96LG-120-SC-FC-10%-VF-FE-(FINISH)	2900	29 VA	4' LINEAR, WOOD MOUNTED
L0	FINELITE	HP-4-R-D-4'-H-835-F-96LG-120-SC-FC-10%-VF-FE-(FINISH)-EM	2900	29 VA	4' LINEAR, WOOD MOUNTED, EMERGENCY BATTERY PACK
L1	FINELITE	HP-4-R-D-6'-H-835-F-96LG-120-SC-FC-10%-VF-FE-(FINISH)	4350	43 VA	6' LINEAR, WOOD MOUNTED
L2	FINELITE	HP-4-R-D-8'-H-835-F-96LG-120-SC-FC-10%-VF-FE-(FINISH)	5800	57 VA	8' LINEAR, WOOD MOUNTED
L3	FINELITE	HP-4-R-D-8'-H-835-F-96LG-120-SC-FC-10%-VF-FE-(FINISH)-EM	5800	57 VA	8' LINEAR, WOOD MOUNTED, EMERGENCY BATTERY PACK
R	KELVIX	UNI1-WL-I-200-35K-24V-NA-CH-014-C-3'-FR-CP-EC	600	5 VA	3'-0" RIBBON LIGHT IN CHANNEL
R1	KELVIX	UNI1-WL-I-200-35K-24V-NA-CH-014-C-14'-0"-FR-CP-EC	2900	25 VA	14'-0" RIBBON LIGHT IN CHANNEL
R2	KELVIX	UNI1-WL-I-200-35K-24V-NA-CH-014-C-9'-10"-FR-CP-EC	2000	17 VA	9'-10" RIBBON LIGHT IN CHANNEL
R3	KELVIX	UNI1-WL-I-200-35K-24V-NA-CH-014-C-11'-6"-FR-CP-EC	2300	20 VA	11'-6" RIBBON LIGHT IN CHANNEL
R4	KELVIX	UNI1-WL-I-200-35K-24V-NA-CH-014-C-16'-9"-FR-CP-EC	3600	31 VA	16'-9" RIBBON LIGHT IN CHANNEL, 0-10V DIMMING
R5	KELVIX	UNI1-WL-I-200-35K-24V-NA-CH-014-C-24'-8"-FR-CP-EC	5000	43 VA	24'-8" RIBBON LIGHT IN CHANNEL
R6	KELVIX	UNI1-WL-I-200-35K-24V-NA-CH-014-C-10'-0"-FR-CP-EC	2500	21 VA	10'-0" RIBBON LIGHT IN CHANNEL
R7	KELVIX	UNI1-WL-I-200-35K-24V-NA-CH-014-C-28'-4"-F-R-CP-EC	5800	50 VA	28'-4" RIBBON LIGHT IN CHANNEL, 0-10V DIMMING
S	GARDCO	OPF-S-P05-840-T5M-AR1-UNV-FS1-BAC-(FINISH)	9200	95 VA	SITE LIGHT, HEADS AS SHOWN ON PLANS, 20' STEEL POLE
S1	GARDCO	CSFM-A13-740-RMF-SLF-UNV-FS1-(FINISH)	20000	157 VA	FLOOD LIGHT, TILT AS DIRECTIRED BY OWNER, 20' STEEL POLE WITH TILTING HEAD ARM MOUNT
V	EVERGREEN	WLC-NRW-30L-ORB-WF-DIM-28"-CCT-(FINISH)	2600	20 VA	30" VANITY FIXTURE, LOW LUMEN
W	GARDCO	PWS-196L-450-NW-G2-3-EBPUNV-DD-F1-BAC-(FINISH)	2228	21 VA	EXTERIOR WALL MOUNTED FIXTURE, MOUNT 7'-6" A.F.G., EMERGENCY BATTERY PACK
W1	INSIGHT	SSM-UP-MO-40K-55-WM-120-N0-(FINISH)	1817	20 VA	EXTERIOR UPLIGHT WALL MOUNTED, 8'-0" A.F.G.
W2	INSIGHT	SSM-UD-MO-40K-20-40K-20-WM-120-N0-(FINISH)	1817	20 VA	EXTERIOR UP AND DOWNLIGHT WALL MOUNTED, 9'-0" A.F.G. OR CENTERED ON COLUMN.
X	CHLORIDE	ER44RLDU-(VERIFY FACES)-RM	100	5 VA	EXIT SIGN, UNIVERSAL MOUNT AND ARROWS, RED LETTERING, EDGE LIT, EMERGENCY BATTERY PACK, ALL EXIT SIGNS TO BE NON-SWITCHED

LIGHTING CONTROL SCHEDULE

DESIGNATION	MANUFACTURER	MODEL	DESCRIPTION
DR1	KELVIX	ULV96	RIBBON LIGHT DRIVER, MOUNTED ABOVE ACCESSIBLE CEILING, 96 WATT
DR2	KELVIX	ULV192	RIBBON LIGHT DRIVER, MOUNTED ABOVE ACCESSIBLE CEILING, 192 WATT
LCP	WATTSTOPPER	LMCP24-115/277-24 RELAYS-6 EM RELAYS-120	LIGHTING CONTROL PANEL, ASTRONOMICAL TIME CLOCK, PHOTOCELL CONTROL
O1	WATTSTOPPER	LMDC-100-U	OCCUPANCY SENSOR, CEILING MOUNTED, DUAL TECHNOLOGY
PC	WATTSTOPPER	EM-24A2	PHOTOCELL CONTROL, WALL MOUNTED EXTERIOR, TIE BACK TO LCP
RC	WATTSTOPPER	LMRC-211-U	ROOM CONTROLLER
S	LEGRAND	TM870WCC10	SINGLE POLE SWITCH
SD	WATTSTOPPER	LMSW-211-U	SINGLE POLE DIMMER SWITCH, 0-10V
SL	WATTSTOPPER	LMSW-210-U	LOW VOLTAGE OVER-RIDE SWITCH TO WORK WITH LIGHTING CONTROL PANEL FOR AFTER HOURS CONTROL
SLD	WATTSTOPPER	LMSW-241-U	LOW VOLTAGE DIMMER SWITCH WITH PRESET SCENES. (1) ALL LIGHTS. (2) PENDANT LIGHTS. (3) RIBBON LIGHTS. (4) VERIFY WITH OWNER.
SO	WATTSTOPPER	DSW-301-U	SWITCH MOUNTED OCCUPANCY SENSOR, DUAL TECHNOLOGY, ON/OFF
SOD	WATTSTOPPER	DW-311-U	SWITCH MOUNTED OCCUPANCY SENSOR WITH 0-10V DIMMING, DUAL TECHNOLOGY

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LITTLE ROCK, AR 72201

JONESBORO MUNICIPAL AIRPORT
TERMINAL REPLACEMENT
3921 LINDBERGH DRIVE
JONESBORO, AR 72401

STATE OF ARKANSAS REGISTERED PROFESSIONAL ENGINEER NO. 5822 MICHAEL PRESTON HARKEY
10/18/2024

CERTIFICATE OF AUTHORIZATION INSIGHT ENGINEERING, PLLC No. 3523 ARKANSAS

CONSTRUCTION DOCUMENTS

PROJECT NO.
2226

PROJECT NAME
TERMINAL REPLACEMENT

DATE
10/18/2024

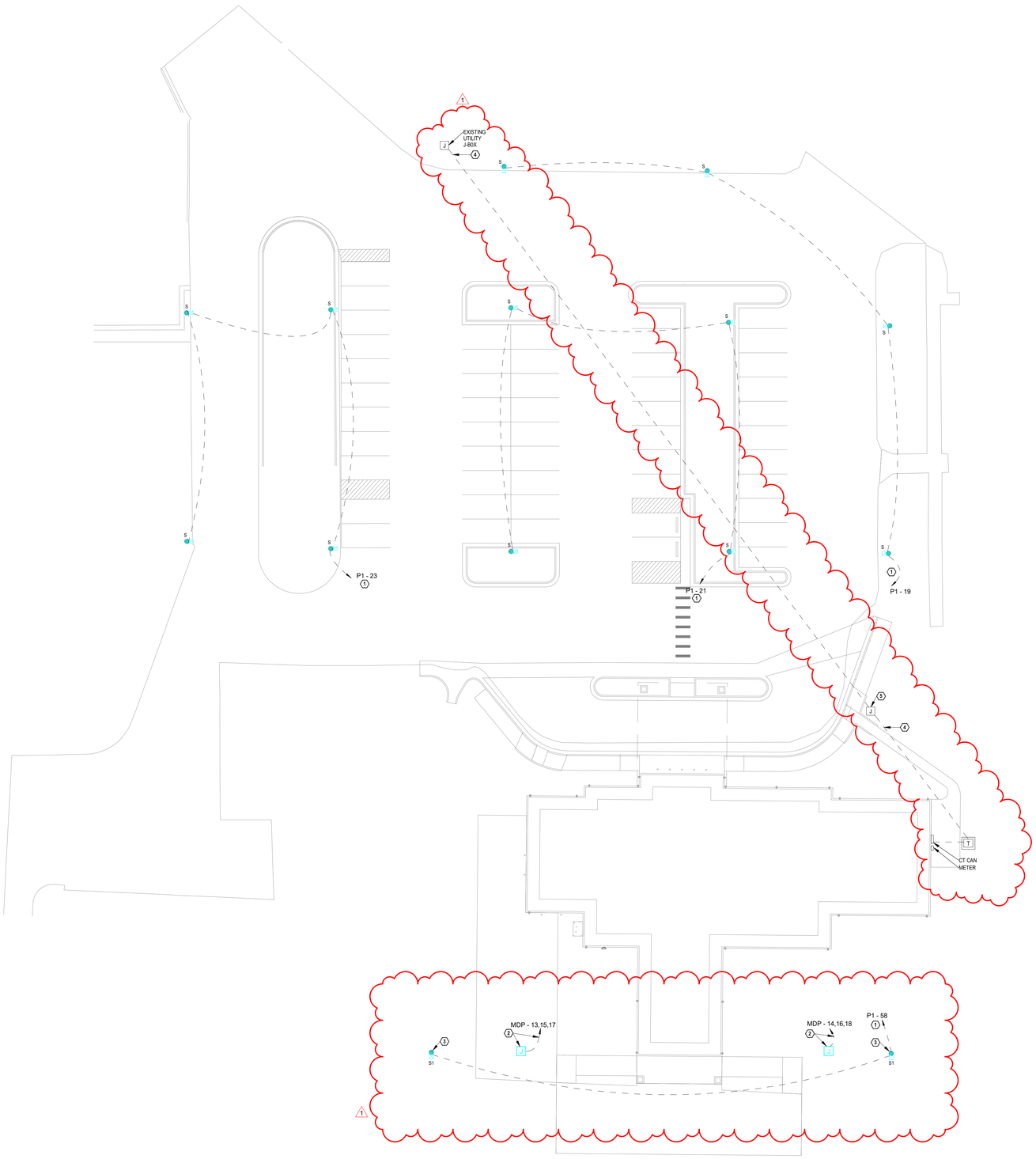
CONTENTS
ELECTRICAL GENERAL NOTES AND LEGEND

SHEET NUMBER
E001

11/14/2024 9:10:01 AM

KEYED NOTES

1. PROVIDE AND INSTALL #10 CONDUCTORS WITH #10G, IN 3/4" CONDUIT. ROUTE CIRCUIT THROUGH RELAY LOCATED IN "LCP" LIGHTING CONTROL PANEL. PHOTOCELL ON, TIME CLOCK OFF (VERIFY TIME WITH OWNER). TIME CLOCK ON (VERIFY TIME WITH OWNER). PHOTOCELL OFF.
2. VERIFY EXACT LOCATION OF AIRCRAFT APU WITH OWNER PRIOR TO INSTALL. PROVIDE AND INSTALL (4) #6 CONDUCTORS WITH (1) #6 GND IN 1-1/4" CONDUIT.
3. VERIFY EXACT LOCATION OF TARMAC APRON LIGHT FIXTURES WITH OWNER PRIOR TO INSTALL.
4. PROVIDE AND INSTALL (3) 2" PVC SCHEDULE 80 CONDUITS TIED INTO EXISTING UTILITY JUNCTION BOX. COORDINATE CONNECTIONS WITH UTILITY. CONDUIT MUST BE LONG SWEEP (36") 90 DEGREE ANGLES FOR ANY TURNS.
5. PROVIDE AND INSTALL NEW JUNCTION BOX. COORDINATE EXACT LOCATION WITH UTILITY.



1 SITE PLAN - ELECTRICAL
1" = 20'-0"

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JONESBORO MUNICIPAL AIRPORT
TERMINAL REPLACEMENT

3921 LINDBERGH DRIVE
JONESBORO, AR 72401

1	3/21/25	ADDENDUM 3

CONSTRUCTION DOCUMENTS

PROJECT NO.
2226

PROJECT NAME
TERMINAL REPLACEMENT

DATE
10/18/2024

CONTENTS
SITE PLAN - ELECTRICAL

STATE OF ARKANSAS
JAMES PRESTON HARVEY
REGISTERED ENGINEER
No. 5822
10/16/2024

STATE OF ARKANSAS
INSIGHT ENGINEERING, PLLC
No. 3523

SHEET NUMBER
E002

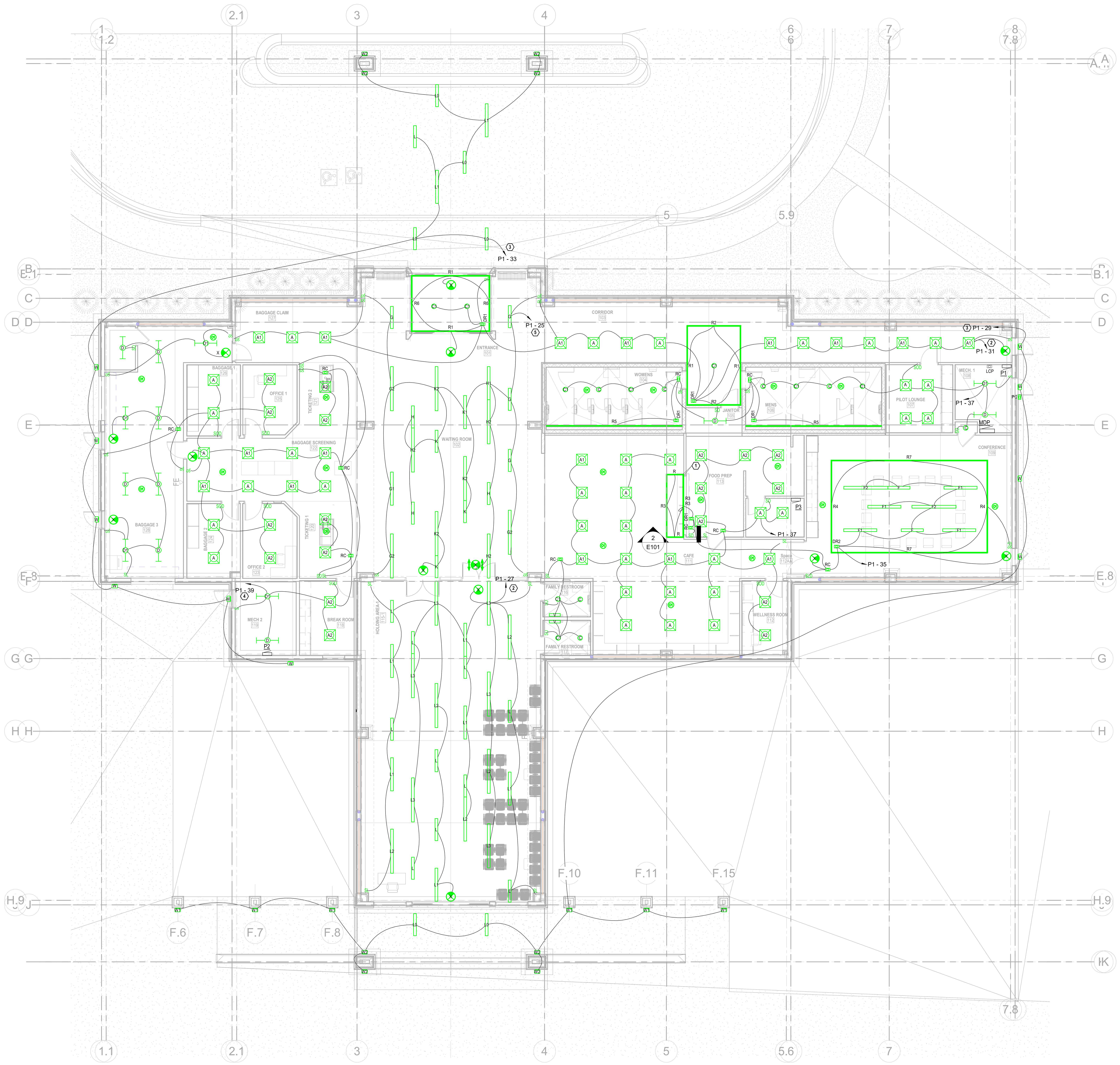
3/21/2025 8:39:01 AM

GENERAL NOTES

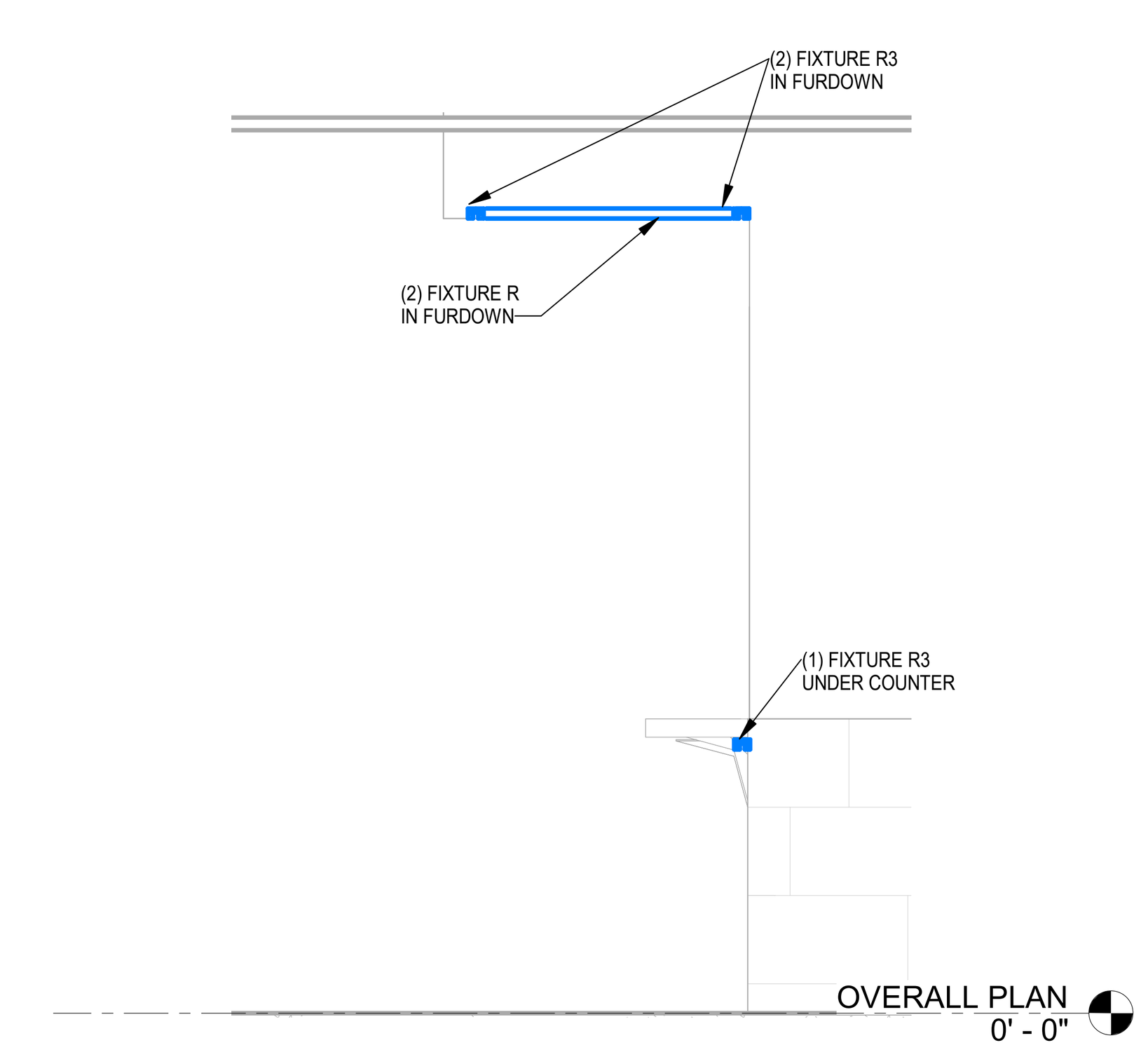
1. PROVIDE AND INSTALL NON-SWITCHED HOT WIRE TO ALL EMERGENCY EGRESS FIXTURES WITH BATTERY PACKS AND EXIT SIGNS.

KEYED NOTES

1. TYPE R3 RIBBION LIGHT MOUNTED UNDER COUNTER AND IN FURDOWN. REFER TO ELEVATION VIEW FOR DETAILS.
2. CIRCUIT TO BE ROUTED THROUGH "LCP" LIGHTING CONTROL PANEL FOR TIME CLOCK CONTROL. VERIFY SCHEDULE WITH OWNER.
3. PROVIDE AND INSTALL #10 CONDUCTORS WITH #10G, IN 3/4" CONDUIT. CIRCUIT TO BE ROUTED THROUGH "LCP" LIGHTING CONTROL PANEL. PHOTO CELL ON. TIME CLOCK OFF (VERIFY TIME WITH OWNER). TIME CLOCK ON (VERIFY TIME WITH OWNER). PHOTOCELL OFF.
4. PROVIDE AND INSTALL #10 CONDUCTORS WITH #10G, IN 3/4" CONDUIT.
5. CIRCUIT TO BE ROUTED THROUGH "LCP" LIGHTING CONTROL PANEL FOR TIME CLOCK CONTROL. VERIFY SCHEDULE WITH OWNER. UPLIGHTING ON PENDANTS TO STAY ON AFTER HOURS TO ILLUMINATE THE WINDOWS IN HIGH CEILING.



1 FLOOR PLAN - LIGHTING
1/8" = 1'-0"



2 CAFE BAR ELEVATION VIEW - LIGHTING
NOT TO SCALE:

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JONESBORO MUNICIPAL AIRPORT
TERMINAL REPLACEMENT

3921 LINDBERGH DRIVE
JONESBORO, AR 72401

CONSTRUCTION DOCUMENTS

PROJECT NO.
2226

PROJECT NAME
TERMINAL REPLACEMENT

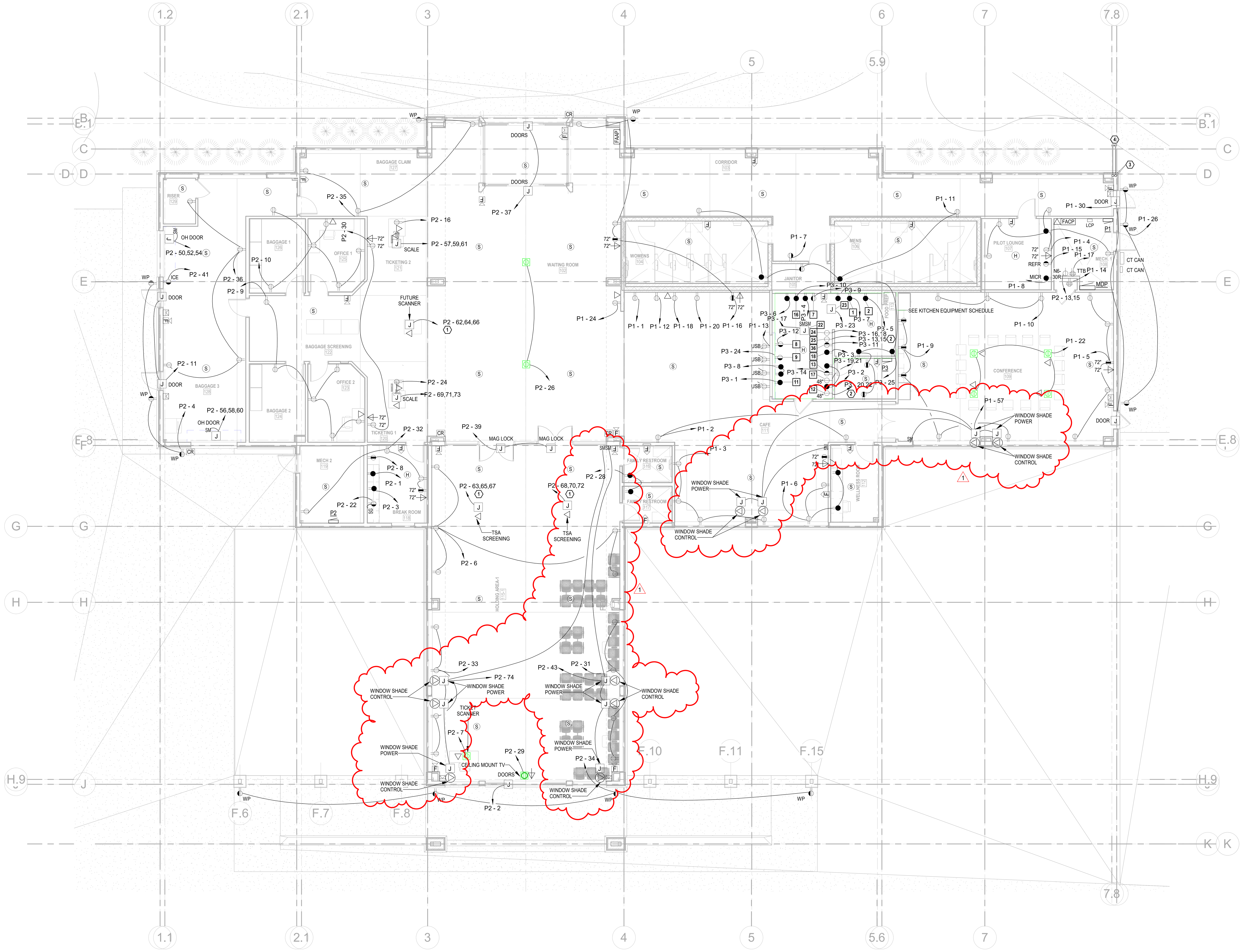
DATE
10/18/2024

CONTENTS
FLOOR PLAN - LIGHTING

SHEET NUMBER
E101

10/18/2024

11/14/2024 9:10:10 AM



1 FLOOR PLAN - POWER AND SYSTEMS

1/8" = 1'-0"

KEYED NOTES

1. PROVIDE AND INSTALL (2) 2" CONDUITS BELOW GRADE TO FLUSH MOUNTED J-BOX FOR FUTURE CONDUCTORS.
2. PROVIDE AND INSTALL #8 CONDUCTORS, WITH #10G, IN 1" CONDUIT.
3. PROVIDE AND INSTALL (2) 2" CONDUITS IN WALL TO ABOVE ACCESSIBLE CEILING FOR FIBER INSTALLATION. FIBER TO BE ROUTED TO MECHANICAL 1 #108 VIA J-HOOKS ABOVE ACCESSIBLE CEILING TO TERMINATE IN MECHANICAL ROOM 1 #108.
4. CONDUIT SHALL EXTEND 5' OUTSIDE OF THE BUILDING BELOW GRADE AS REQUIRED BY FIBER UTILITY COMPANY. CONTRACTOR TO COORDINATE CONNECTION TO FIBER UTILTIY WITH OWNER'S REPRESENATIVE.

KITCHEN EQUIPMENT SCHEDULE

ITEM NUMBER	DESCRIPTION
1	REFRIGERATOR
2	FREEZER
7	ICE MAKER
8	UNDERCOUNTER BEVERAGE REFRIGERATOR
9	KEG COOLER W/ TAP
11	POINT OF SALE
12	MICROWAVE OVEN
13	UNDERCOUNTER FREEZER
16	ELECTRIC PIZZA OVEN
17	PANINI SANDWICH UNIT
18	REFRIGERATED SANDWICH UNIT
22	HOOD (VERIFY LOCATION). ELECTRICAL CONTRACTOR TO CONNECT ALL LIGHTS AND FANS INTERNAL TO HOOD.
23	FIRE CONTROL SYSTEM (VERIFY LOCATION)
24	12" FRYER, ELECTRIC
25	24" GRILL, ELECTRIC
36	36" REFRIGERATED STAND

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JONESBORO MUNICIPAL AIRPORT TERMINAL REPLACEMENT

3921 LINDBERGH DRIVE
JONESBORO, AR 72401

1	3/21/25	ADDENDUM 3

CONSTRUCTION DOCUMENTS

PROJECT NO.
2226

PROJECT NAME
TERMINAL REPLACEMENT

DATE
10/18/2024

CONTENTS
FLOOR PLAN - POWER AND SYSTEMS

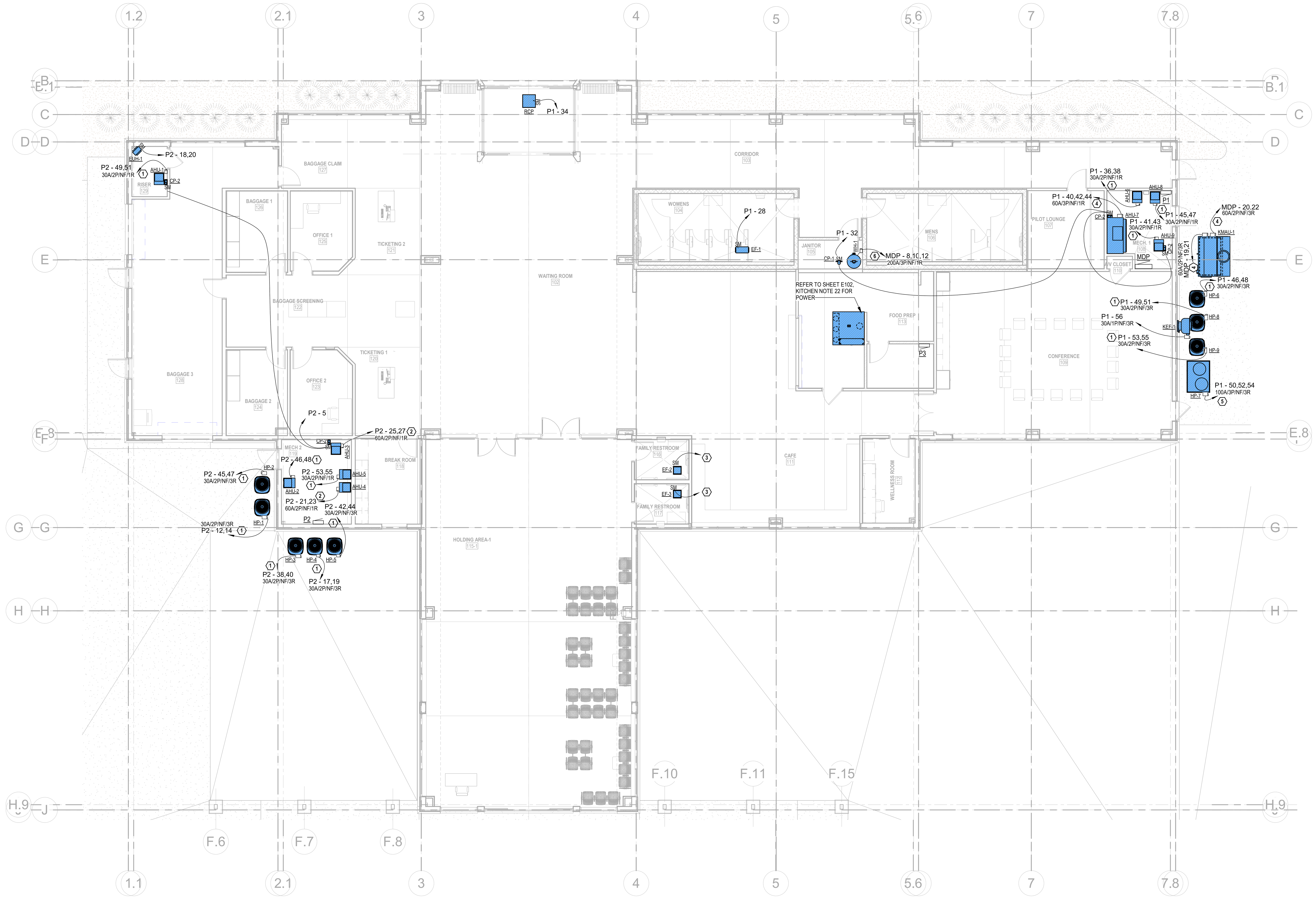
SHEET NUMBER
E102

STATE OF ARKANSAS
NO. 5822
10/18/2024

INSIGHT ENGINEERING, PLLC
No. 3521
ARKANSAS

3/21/2025 11:58:24 AM

KEYED NOTES	
1	(3) #10 CONDUCTORS AND (1) #10 GROUND IN 3/4" CONDUIT.
2	(3) #8 CONDUCTORS AND (1) #10 GROUND IN 1" CONDUIT.
3	EXHAUST FAN TO BE CONTROLLED BY AND POWERED BY LIGHT SWITCH WITHIN SPACE.
4	(3) #6 CONDUCTORS AND (1) #10 GROUND IN 1" CONDUIT.
5	(4) #4 CONDUCTORS AND (1) #8 GROUND IN 1-1/4" CONDUIT.
6	(4) #1 CONDUCTORS AND (1) #6 GROUND IN 1-1/2" CONDUIT.



1 FLOOR PLAN - MECHANICAL POWER

1/8" = 1'-0"

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JONESBORO MUNICIPAL AIRPORT
TERMINAL REPLACEMENT

3921 LINDBERGH DRIVE
JONESBORO, AR 72401

CONSTRUCTION DOCUMENTS

PROJECT NO.
2226

PROJECT NAME
TERMINAL REPLACEMENT

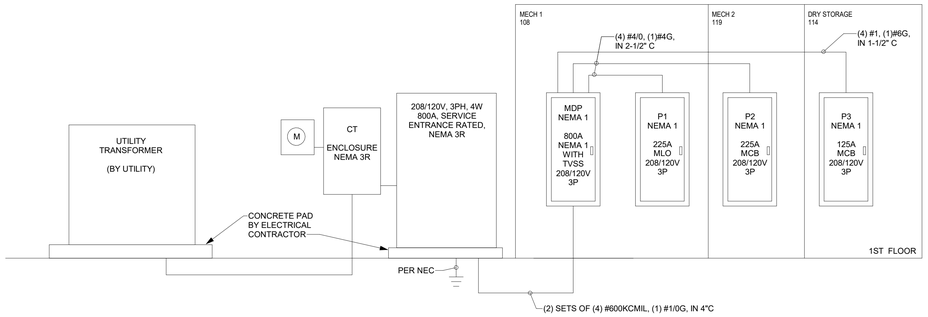
DATE
10/18/2024

CONTENTS
FLOOR PLAN - MECHANICAL POWER

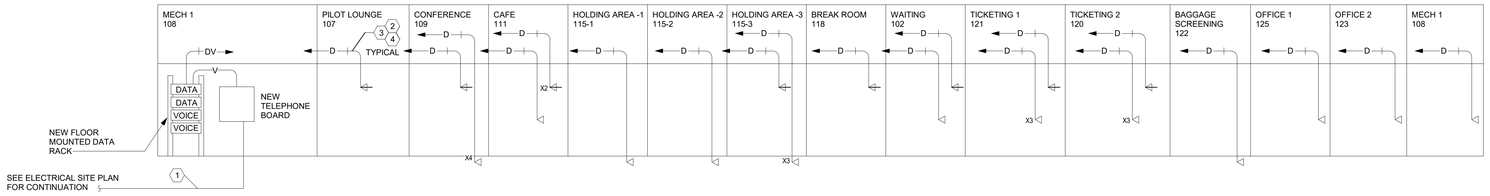
SHEET NUMBER
E103

10/18/2024

11/14/2024 9:10:21 AM



1 ELECTRICAL RISER DIAGRAM
NOT TO SCALE:



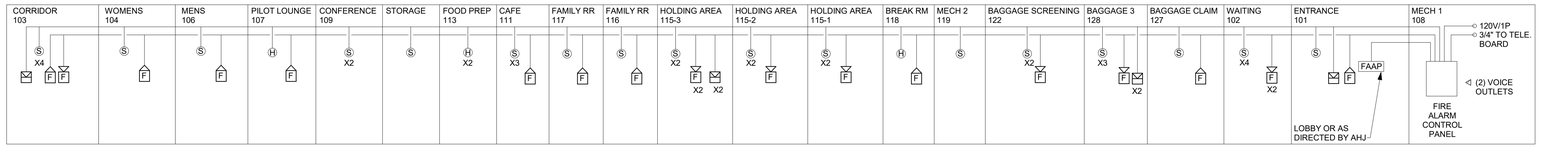
DATA/TELE GENERAL NOTES:

1. REFER TO SYSTEMS PLANS FOR EXACT QUANTITIES AND PLACEMENT OF FIRE ALARM DEVICES.
2. PROVIDE PLASTIC BUSHING ON EACH CONDUIT TERMINATION STUB UP.
3. ALL CABLES SHALL BE PLENUM RATED.
4. PROVIDE DEDICATED SYSTEM SLEEVES WITHIN EACH WALL AS REQUIRED.
5. CONDUIT FROM ALL DATA COMMUNICATIONS OUTLETS SHALL BE ROUTED AS FOLLOWS:
   A. ACCESSIBLE CEILING: CONDUIT MAY BE STUBBED TO ABOVE ACCESSIBLE CEILING AND ROUTED USING STRAPS OR D HOOKS TO DATA RACK.
   B. GYPSUM OR EXPOSED CEILNIG: CONDUIT SHALL BE RUN TO NEAREST ACCESSIBLE CEILING AND ROUTED USING STRAPS OR D HOOKS.
6. RACKS, SWITCHES, NETWORK HARDWARE AND EQUIPMENT WILL BE OWNER PROVIDED.
7. OWNER SHALL FURNISH AND CONTRACTOR SHALL INSTALL THE FOLLOWING: PATCH PANELS, CABLING, JACKS, FACEPLATES, AND TERMINATIONS.
8. CONTRACTOR SHALL PROVIDE ALL TESTING.
9. SEE DATA ROOM ENLARGED PLANS FOR ADDITIONAL REQUIREMENTS.

DATA/TELE KEYED NOTES:

1. PROVIDE (3) 3" PVC SCHEDULE 80 CONDUIT FROM BUILDING TELE/DATA RACK TO RISER POLE FOR TELEPHONE, DATA AND CABLE SERVICE.
2. ALL DATA CONDUCTORS SHALL BE CAT-6 AND SHALL HOMERUN TO NEW PATCH PANELS IN RACK. ALL CABLE TO BE PLENUM RATED AND ROUTED IN STRAPS OR D-HOOKS.
3. MINIMUM CONDUIT DROP SIZE TO ALL DATA/VOICE OUTLETS SHALL BE 1" EMT AND SHALL EXTEND FROM OUTLET BOX TO ABOVE ACCESSIBLE CEILING.
4. ALL CABLE TO BE PLENUM RATED AND ROUTED IN STRAPS OR D-HOOKS.

2 TELE/DATA RISER DIAGRAM
NOT TO SCALE:



FIRE ALARM GENERAL NOTES:

1. REFER TO SYSTEMS PLANS FOR EXACT QUANTITIES AND PLACEMENT OF FIRE ALARM DEVICES.
2. PROVIDE PLASTIC BUSHING ON EACH CONDUIT TERMINATION STUB UP.
3. ALL CABLES SHALL BE PLENUM RATED.
4. PROVIDE DEDICATED SYSTEM SLEEVES WITHIN EACH WALL AS REQUIRED.
5. FIRE ALARM WIRING SHALL BE PER THE FIRE ALARM SYSTEM MANUFACTURERS RECOMMENDATIONS.
6. ALL FIRE ALARM CIRCUITRY SHALL BE IN MINIMUM 3/4"C.
7. ALL FIRE ALARM JUNCTION BOXES TO BE PAINTED RED.
8. CONTRACTOR SHALL COORDINATE WITH AHJ AND ELEVATOR VENDOR REGARDING ALL ELEVATOR CONNECTIONS.
9. PROVIDE AIM'S FOR ELEVATORS AND FIRE PROTECTION AS REQUIRED.

3 FIRE ALARM RISER DIAGRAM
NOT TO SCALE:

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JONESBORO MUNICIPAL AIRPORT TERMINAL REPLACEMENT

3921 LINDBERGH DRIVE JONESBORO, AR 72401

CONSTRUCTION DOCUMENTS

PROJECT NO.
2226

PROJECT NAME
TERMINAL REPLACEMENT

DATE
10/18/2024

CONTENTS
ELECTRICAL RISER DIAGRAMS

SHEET NUMBER
E201

11/14/2024 9:10:22 AM

Branch Panel: MDP

Panel Location: MECH. 1 108 | **Volts:** 120/208 Wye | **A.I.C. Rating:** 42,000
Supply From: | **Phases:** 3 | **Bus Rating:** 800 A
Mounting: SURFACE | **Wires:** 4 | **MCB Rating:** 800 A
Enclosure: NEMA 1

Notes:

CKT	Circuit Description	Trip (A)	Poles	"A"		"B"		"C"		Poles	Trip (A)	Circuit Description	CKT
1	P1 (SUBFEED)	225	3	22601	23167					3	225	P2 (SUBFEED)	2
3	--	--	--			23695	20203			--	--	--	4
5	--	--	--					23555	20193	--	--	--	6
7	P3	125	3	10474	6926					3	125	WH-1	8
9	--	--	--			10014	6926			--	--	--	10
11	--	--	--					4090	6926	--	--	--	12
13	AIRCRAFT APU	80	3	4299	4299					3	80	AIRCRAFT APU	14
15	--	--	--			4299	4299			--	--	--	16
17	--	--	--					4299	4299	--	--	--	18
19	KMAU-1 ELEC HEAT	60	2	4701	4982					2	60	KMAU-1	20
21	--	--	--			4701	4982			--	--	--	22
23													24
25													26
27													28
29													30
31													32
33													34
35													36
37													38
39													40
41													42
			Total Load:	81448 VA		79118 VA		63361 VA					
			Total Amps:	699 A		680 A		528 A					

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
HVAC	742 VA	100.00%	742 VA		
Lighting	2624 VA	100.00%	2624 VA	**Total Conn. Load:**	223927 VA
Other	8899 VA	100.00%	8899 VA	**Total Est. Demand:**	204198 VA
Power	162204 VA	100.00%	162204 VA	**Total Conn. Current:**	635 A
Receptacle	49458 VA	60.11%	29729 VA	**Total Est. Demand Current:**	567 A

Branch Panel: P3

Panel Location: Space 110L | **Volts:** 120/208 Wye | **A.I.C. Rating:** 22,000
Supply From: MDP | **Phases:** 3 | **Bus Rating:** 125 A
Mounting: SURFACE | **Wires:** 4 | **MCB Rating:** 125 A
Enclosure: NEMA 1

Notes:

CKT	Circuit Description	Trip (A)	Poles	A		B		C		Poles	Trip (A)	Circuit Description	CKT
1	(11) POINT OF SALE	20	1	240	560					1	20	Receptacle	2
3	(18) REFRIGERATED SANDWICH UNIT (SHUNT...	20	1			480	650			1	20	Receptacle	4
5	(2) FREEZER	20	1					480	650	1	20	Receptacle	6
7	(1) REFRIGERATOR	20	1	720	1200					1	20	Receptacle FOOD PREP 113	8
9	(7) ICE MAKER	20	1			1800	740			1	20	Receptacle	10
11	(36) REFRIGERATED STAND (SHUNT TRIP)	20	1					720	360	1	20	(8) UNDERCOUNTER BEVERAGE REFRIGERATOR	12
13	(25) GRILL (SHUNT TRIP)	40	2	3016	360					1	20	(13) FREEZER	14
15	--	--	--			3016	520			2	20	(24) FRYER (SHUNT TRIP)	16
17	(22) HOOD LIGHTS AND FAN	20	1					500	520	--	--	--	18
19	(17) PANINI PRESS	20	2	1040	1768					2	25	(12) MICROWAVE	20
21	--	--	--			1040	1768			--	--	--	22
23	(23) FIRE CONTROL SYSTEM	20	1					500	360	1	20	(9) KEG COOLER WITH TAP	24
25	Receptacle	20	1	1570	0					1	20	SPARE	26
27	SPARE	20	1			0	0			1	20	SPARE	28
29	SPARE	20	1					0	0	1	20	SPARE	30
31	SPARE	20	1	0	0					1	20	SPARE	32
33	SPARE	20	1			0	0			1	20	SPARE	34
35	SPARE	20	1					0	0	1	20	SPARE	36
37	SPACE	--	1	--	--					1	--	SPACE	38
39	SPACE	--	1			--	--			1	--	SPACE	40
41	SPACE	--	1					--	--	1	--	SPACE	42
			Total Load:	10474 VA		10014 VA		4090 VA					
			Total Amps:	95 A		91 A		34 A					

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Power	1000 VA	100.00%	1000 VA		
Receptacle	23578 VA	71.21%	16789 VA	**Total Conn. Load:**	24578 VA
				Total Est. Demand:	17789 VA
				Total Conn. Current:	73 A
				Total Est. Demand Current:	49 A

Branch Panel: P1

Panel Location: MECH. 1 108 | **Volts:** 120/208 Wye | **A.I.C. Rating:** 22,000
Supply From: MDP | **Phases:** 3 | **Bus Rating:** 225 A
Mounting: SURFACE | **Wires:** 4 | **MCB Rating:** MLO
Enclosure: NEMA 1

Notes:

CKT	Circuit Description	Trip (A)	Poles	A		B		C		Poles	Trip (A)	Circuit Description	CKT
1	Receptacle	20	1	180	360					1	20	Receptacle	2
3	Receptacle	20	1			720	1080			1	20	Receptacle	4
5	Receptacle CONFERENCE 115	20	1					900	900	1	20	Receptacle Room 117	6
7	Receptacle	20	1	180	180					1	20	Receptacle	8
9	Receptacle	20	1			900	540			1	20	Receptacle	10
11	Receptacle Room 111, 112, 113	20	1					900	180	1	20	Receptacle	12
13	Receptacle	20	1	720	180					1	20	Receptacle	14
15	Receptacle	20	1			180	900			1	20	Receptacle	16
17	Receptacle	20	1					180	180	1	20	Receptacle	18
19	Lighting - SITE	20	1	380	180					1	20	Receptacle	20
21	Lighting - SITE	20	1			380	720			1	20	Receptacle CONFERENCE 115	22
23	Lighting - SITE	20	1					190	1000	1	20	Receptacle	24
25	Lighting	20	1	1764	180					1	20	Receptacle CONFERENCE 115	26
27	Lighting	20	1			1175	585			1	20	EF-1	28
29	Lighting	20	1					342	1000	1	20	POWER DOORS	30
31	Lighting CORRIDOR 103	20	1	635	447					1	20	CP-1 AND CP-2	32
33	Lighting	20	1			437	343			1	20	RCP	34
35	Lighting CONFERENCE 109	20	1					1175	2000	2	25	AUH-6	36
37	Lighting	20	1	2039	2000					--	--	--	38
39	Lighting	20	1			1997	3333			3	60	AHU-7	40
41	AHU-9	20	2					2500	3333	--	--	--	42
43	--	--	--	2500	3333					--	--	--	44
45	AHU-8	20	2			2500	1248			2	20	HP-6	46
47	--	--	--					2500	1248	--	--	--	48
49	HP-8	25	2	1560	3467					3	80	HP-7	50
51	--	--	--			1560	3467			--	--	--	52
53	HP-9	25	2					1560	3467	--	--	--	54
55	--	--	--	1560	756					1	20	KEF-1	56
57	WINDOW SHADES 109, 111	20	1			1440	190			1	20	Lighting - SITE	58
59	SPARE	20	1					0	0	1	20	SPARE	60
61	SPARE	20	1	0	0					1	20	SPARE	62
63	SPARE	20	1			0	0			1	20	SPARE	64
65	SPARE	20	1					0	0	1	20	SPARE	66
67	SPARE	20	1	0	0					1	20	SPARE	68
69	SPARE	20	1			0	0			1	20	SPARE	70
71	SPARE	20	1					0	0	1	20	SPARE	72
73	SPARE	20	1	0	0					1	20	SPARE	74
75	SPARE	20	1			0	0			1	20	SPARE	76
77	SPARE	20	1					0	0	1	20	SPARE	78
79	SPACE	--	1	--	--					1	--	SPACE	80
81	SPACE	--	1			--	--			1	--	SPACE	82
83	SPACE	--	1					--	--	1	--	SPACE	84
			Total Load:	22601 VA		23695 VA		23555 VA					
			Total Amps:	188 A		199 A		198 A					

1 (revision mark)

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
HVAC	742 VA	100.00%	742 VA		
Lighting	2624 VA	100.00%	2624 VA	**Total Conn. Load:**	69851 VA
Other	8713 VA	100.00%	8713 VA	**Total Est. Demand:**	69131 VA
Power	46332 VA	100.00%	46332 VA	**Total Conn. Current:**	195 A
Receptacle	11440 VA	93.71%	10720 VA	**Total Est. Demand Current:**	192 A

Branch Panel: P2

Panel Location: MECH 2 119 | **Volts:** 120/208 Wye | **A.I.C. Rating:** 22,000
Supply From: MDP | **Phases:** 3 | **Bus Rating:** 225 A
Mounting: SURFACE | **Wires:** 4 | **MCB Rating:** 225 A
Enclosure: NEMA 1

Notes:

CKT	Circuit Description	Trip (A)	Poles	A		B		C		Poles	Trip (A)	Circuit Description	CKT
1	Receptacle	20	1	180	500					1	20	Power	2
3	Receptacle	20	1			180	540			1	20	Receptacle	4
5	CP-2	20	1					186	900	1	20	Receptacle HALLWAY 125	6
7	Receptacle HOLDING AREA 126	20	1	180	180					1	20	Receptacle	8
9	Receptacle OFFICE 2 105	20	1			1080	1080			1	20	Receptacle Room 109, 108	10
11	Power	20	1					1000	1560	2	25	HP-3	12
13	R IT	20	2	1500	1560					--	--	--	14
15	--	--	--			1500	180			1	20	Receptacle TICKETING 1 101A	16
17	HP-4	25	2					1560	1664	2	20	EUH-1	18
19	--	--	--	1560	1664					--	--	--	20
21	AHU-4	35	2			2500	180			1	20	Receptacle	22
23	--	--	--					2500	180	1	20	Receptacle TICKETING 2 101B	24
25	AHU-3	35	2	2500	360					1	20	R WAITING ROOM 102	26
27	--	--	--			2500	360			1	20	Receptacle Room 117	28
29	Receptacle HOLDING AREA 126	20	1					180	360	1	20	Receptacle TICKETING 2 101B	30
31	Receptacle	20	1	720	720					1	225	Receptacle	32
33	Receptacle HOLDING AREA 126	20	1			720	720			1	20	Receptacle	34
35	Receptacle Room 121	20	1					720	720	1	20	Receptacle	36
37	Power	20	1	1000	1248					2	20	HP-1	38
39	Power BAGGAGE CLAIM-1 121-1	20	1			1000	1248			--	--	--	40
41	Receptacle	20	1					1000	1248	2	20	HP-5	42
43	WINDOW SHADES HOLDING AREA-1 115-1	20	1	1440	1248					--	--	--	44
45	HP-2	20	2			1248	2000			2	25	AHU-2	46
47	--	--	--					1248	2000	--	--	--	48
49	AHU-1	25	2	2000	167					3	20	OVER HEAD DOOR	50
51	--	--	--			2000	167			--	--	--	52
53	AHU-5	25	2					2000	167	--	--	--	54
55	--	--	--	2000	167					3	20	OVER HEAD DOOR	56
57	Power	20	3			167	167			--	--	--	58
59	--	--	--					167	167	--	--	--	60
61	--	--	--	167	167					3	20	Power BAGGAGE SCREENING 101C	62
63	Power SCREENING AREA 102	20	3			167	167			--	--	--	64
65	--	--	--					167	167	--	--	--	66
67	--	--	--	167	167					3	20	Power SCREENING AREA 102	68
69	Power TICKETING 2 101B	20	3			167	167			--	--	--	70
71	--	--	--					167	167	--	--	--	72
73	--	--	--	167	1440					1	20	WINDOW SHADES HOLDING AREA-1 115-1	74
75	SPARE	20	1			0	0			1	20	SPARE	76
77	SPARE	20	1					0	0	1	20	SPARE	78
79	SPARE	20	1	0	--					1	--	SPACE	80
81	SPACE	--	1			--	--			1	--	SPACE	82
83	SPACE	--	1					--	--	1	--	SPACE	84
			Total Load:	23167 VA		20203 VA		20193 VA					
			Total Amps:	193 A		168 A		168 A					

1 (revision mark)

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Other	186 VA	100.00%	186 VA		
Power	48936 VA	100.00%	48936 VA	**Total Conn. Load:**	63562 VA
Receptacle	14440 VA	84.63%	12220 VA	**Total Est. Demand:**	61342 VA
				Total Conn. Current:	177 A
				Total Est. Demand Current:	170 A

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LITTLE ROCK, AR 72201

JONESBORO MUNICIPAL AIRPORT
TERMINAL REPLACEMENT

3921 LINDBERGH DRIVE
JONESBORO, AR 72401

1	3/21/25	ADDENDUM 3

CONSTRUCTION DOCUMENTS

PROJECT NO.
2226

PROJECT NAME
TERMINAL REPLACEMENT

DATE
10/18/2024

CONTENTS
ELECTRICAL SCHEDULES

INSIGHT ENGINEERING, PLLC No. 3523 ARKANSAS
10/18/2024

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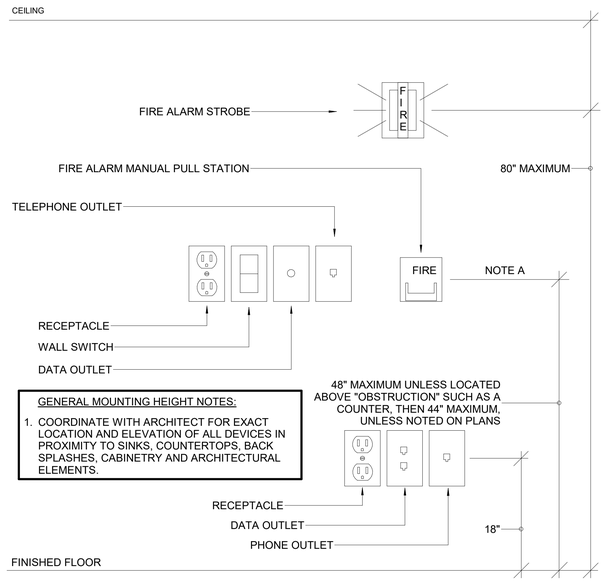
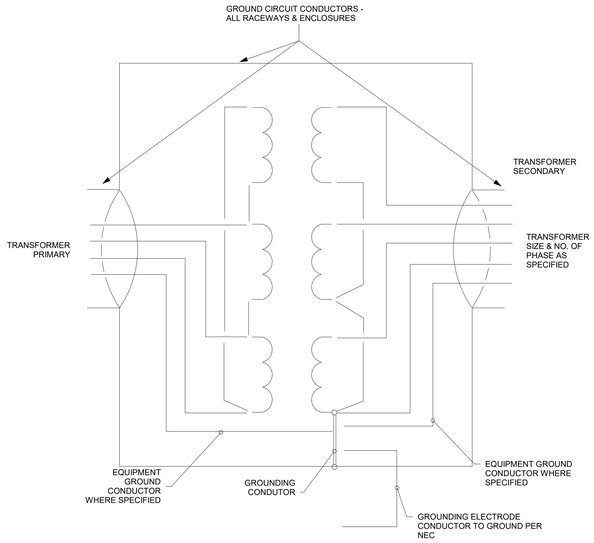


1 MOUNTING HEIGHTS
NOT TO SCALE:



2 DRY TYPE TRANSFORMER GROUNDING
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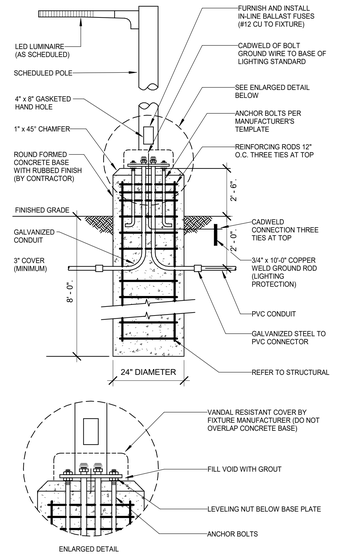

3 CONCRETE POLE BASE DETAIL LED LUMINAIRE (TYP.)
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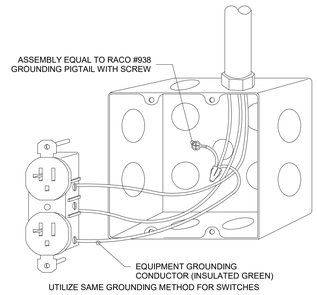
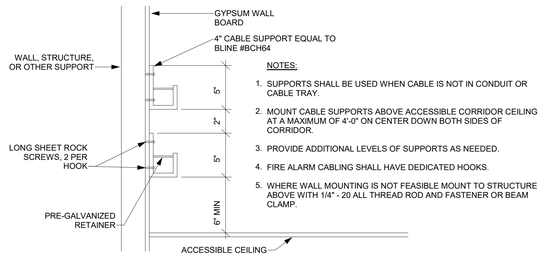


4 JUNCTION BOX GROUNDING
NOT TO SCALE:



5 SYSTEM CABLING SUPPORT
NOT TO SCALE:

⚠ WARNING

MAXIMUM AVAILABLE FAULT CURRENT:
XX,XXX
(SYMMETRICAL RMS AMPERES)
DATE: XX/XX/XX

⚠ WARNING

NOMINAL SYSTEM VOLTAGE:
277/480V
MAXIMUM AVAILABLE FAULT CURRENT:
XX,XXX
(SYMMETRICAL RMS AMPERES)
OVERCURRENT PROTECTIVE DEVICE CLEARING TIME: XX SECONDS
DATE: XX/XX/XX

NOTES:

1. LABEL SHALL BE ATTACHED TO ELECTRICAL SERVICE EQUIPMENT PER NEC 110.24.
2. PROVIDE DURABLE WEATHER PROOF LABEL.
3. LABEL SHOWN TO SCALE.
4. ELECTRICAL CONTRACTOR SHALL COORDINATE AVAILABLE FAULT CURRENT WITH UTILITY AND COMPLETE LABEL ACCORDINGLY.

6 ARC FAULT LABEL
NOT TO SCALE:

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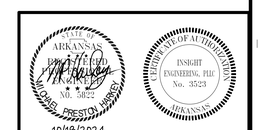
CONSTRUCTION DOCUMENTS

PROJECT NO.
2226

PROJECT NAME
TERMINAL REPLACEMENT

DATE
10/18/2024

CONTENTS
ELECTRICAL DETAILS



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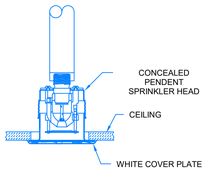
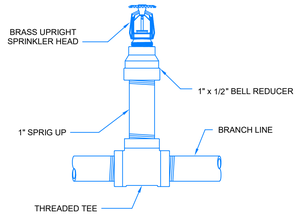


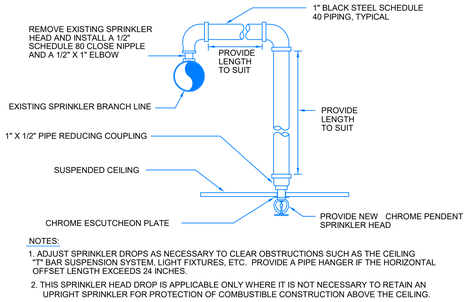
1 CONCEALED CEILING SPRINKLER HEAD DETAIL

NOT TO SCALE:



2 UPRIGHT SPRINKLER HEAD ON 1" SPRIG DETAIL

NOT TO SCALE:

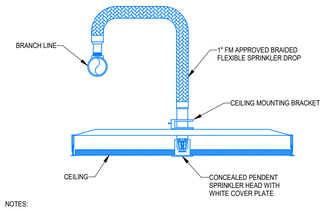


NOTES:

1. ADJUST SPRINKLER DROPS AS NECESSARY TO CLEAR OBSTRUCTIONS SUCH AS THE CEILING "T" BAR SUSPENSION SYSTEM, LIGHT FIXTURES, ETC. PROVIDE A PIPE HANGER IF THE HORIZONTAL OFFSET LENGTH EXCEEDS 24 INCHES.
2. THIS SPRINKLER HEAD DROP IS APPLICABLE ONLY WHERE IT IS NOT NECESSARY TO RETAIN AN UPRIGHT SPRINKLER FOR PROTECTION OF COMBUSTIBLE CONSTRUCTION ABOVE THE CEILING.

3 TYPICAL NEW SPRINKLER HEAD DROP

NOT TO SCALE:



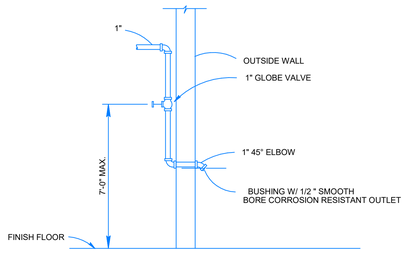
NOTES:

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.

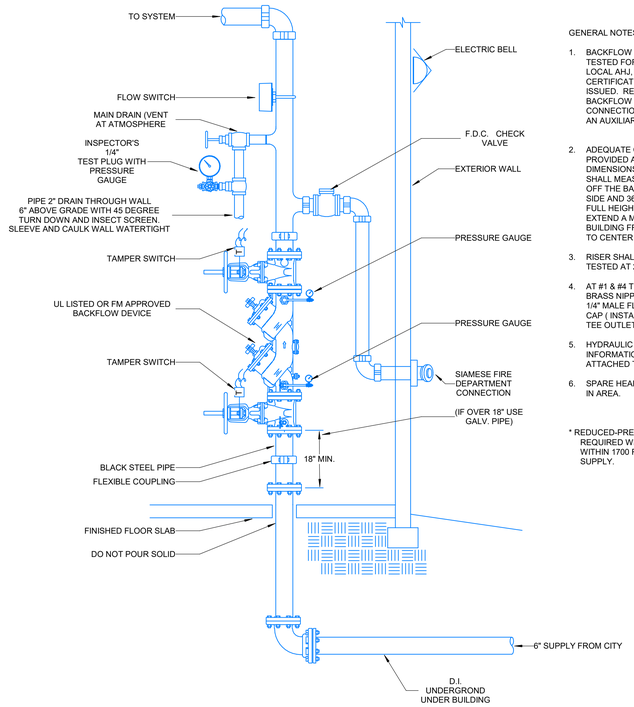
4 BRAIDED FLEXIBLE SPRINKLER DROP DETAIL

NOT TO SCALE:



5 INSPECTORS TEST CONNECTION DETAIL

NOT TO SCALE:



6 SPRINKLER RISER (W/ WALL MOUNT FDC) 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.

FIRE PROTECTION GENERAL NOTES

1. PROVIDE THE ENGINEER OF RECORD WITH A PRELIMINARY PUNCH LIST AND DRAWING PRIOR TO COMPLETION OF CONSTRUCTION. ALL ITEMS NOTED SHALL BE ADDRESSED BY THE CONTRACTOR PRIOR TO REQUESTING PUNCH LIST BY THE ENGINEER OF RECORD.
2. ALL PIPE, DEVICES, AND INSTALLATION SHALL FULLY COMPLY WITH NFPA 13, AND ALL REQUIRED AUTHORITIES HAVING JURISDICTION.
3. COMPLY WHOLLY WITH THE REQUIREMENT TO INSTALL ALL PIPING WITHIN CONCEALED SPACES PROVIDED.
4. REFER TO NOTES ON DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS. REFER TO STRUCTURAL AND ARCHITECTURAL DRAWINGS FOR BUILDING DETAILS.
5. REFER TO ARCHITECTURAL DRAWINGS FOR GENERAL RENOVATION ITEMS SUCH AS CEILINGS, WALLS AND AREAS OF WORK.
6. SPRINKLER COVERAGE NOT TO EXCEED 225 SQUARE FEET PER HEAD FOR LIGHT HAZARD/ HAZARD CATEGORY-1 AREAS. SPRINKLER COVERAGE NOT TO EXCEED 130 SQUARE FEET PER HEAD FOR ORDINARY HAZARD/ HAZARD CATEGORY-2 AREAS.
7. THOROUGHLY SURVEY THE PROPERTY AND REVIEW ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL AND PLUMBING (M.E.P.) CONDITIONS, EXISTING OR PLANNED, PRIOR TO BID. THERE IS VERY LIMITED SPACE AVAILABLE FOR PIPE ROUTING.
8. PROVIDE FIRE PROTECTION SHOP DRAWINGS WITH COMPLETE REFLECTED CEILING PLANS INDICATING LOCATION OF EACH SPRINKLER HEAD, AS WELL AS PIPING LAYOUTS, AND ROOM NAMES. PROVIDE ADDITIONAL SPRINKLER HEADS (OVER CODE MINIMUM), IF REQUESTED BY THE ARCHITECT, TO OBTAIN SYMMETRICAL CEILING LAYOUTS.
9. FIRE PROTECTION SYSTEM SHALL BE COMPLETE WITH SPRINKLER PIPING AND HEADS, ELECTRONIC SUPERVISION AND APPURTENANCES AS REQUIRED BY NFPA AND AUTHORITIES HAVING JURISDICTION. PIPE SIZING SHALL BE ESTABLISHED BY THE FIRE PROTECTION CONTRACTOR.
10. CONDUCT A COORDINATION MEETING WITH SUBCONTRACTORS TO ESTABLISH CLEARANCE REQUIREMENTS NEEDED FOR M.E.P. WORK PRIOR TO FABRICATION OF SPRINKLER SYSTEM. ANY RELOCATION OF FIRE SPRINKLER SYSTEM REQUIRED FOR PROPER INSTALLATION OF M.E.P. SYSTEMS IS AT THE CONTRACTOR'S EXPENSE.
11. BASE BID ON CAREFUL COORDINATION OF ARCHITECTURAL COMPONENTS, EXISTING AND NEW MECHANICAL DUCT, MECHANICAL AND PLUMBING PIPING, ELECTRICAL AND STRUCTURAL SYSTEMS IN THE BUILDING.
12. BASE HYDRAULIC CALCULATIONS ON A WATER FLOW TEST OBTAINED FROM THE CITY OF JONESBORO. VERIFY FLOW TEST DATA WITH LOCAL AUTHORITIES. IF A CURRENT TEST IS NOT AVAILABLE, CONDUCT A PROPER FLOW TEST PRIOR TO PREPARATION OF SHOP DRAWINGS. PROVIDE A MINIMUM OF 10 PSI SAFETY FACTOR FOR ALL HYDRAULIC CALCULATIONS. PIPE SIZING INDICATED ON THE DRAWINGS IS FOR INFORMATIONAL PURPOSES ONLY. PIPE SIZING SHALL BE ESTABLISHED BY THE FIRE PROTECTION CONTRACTOR.
13. INTERFACE FIRE PROTECTION SYSTEM WITH THE BUILDING FIRE ALARM SYSTEM. REFER TO ELECTRICAL.
14. PROVIDE AND INSTALL ELECTRONIC SUPERVISION FOR ALL CONTROL VALVES.
15. PROVIDE SPECIAL CONSIDERATION TO AREAS THROUGHOUT THE RENOVATED AREA SUCH AS DROPPED SOFFITS, RAISED CEILINGS, FALSE BEAMS, AND LIGHTING SOFFITS THAT NECESSITATE ADDITIONAL SPRINKLER HEADS. REFER TO ARCHITECTURAL DRAWINGS FOR REFLECTED CEILING PLANS AND BUILDING DETAILS.
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 WHITE CONCEALED HEADS WITH WHITE RECESSED ESCUTCHEONS, UNLESS NOTED OTHERWISE ON FIRE PROTECTION PLANS OR SPECIFICATIONS. EXERCISE CAUTION AROUND CEILING MOUNTED DEVICES OR OPERABLE DOORS. INSTALL CONCEALED SPRINKLERS AS NEEDED TO ELIMINATE SPRINKLERS BEING 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 AND COUPLINGS 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 PAINTING WORK 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. PERFORM ALL CONNECTIONS TO THE EXISTING SPRINKLER SYSTEM DURING A SINGLE SHUT-DOWN OF THE SPRINKLER SYSTEM. THE SPRINKLER SYSTEM SHUT DOWN PROCEDURE, AS DIRECTED BY THE OWNER, SHALL BE FOLLOWED. IN NO CASE SHALL THE SPRINKLER SYSTEM BE TURNED OFF DURING THE OVERNIGHT HOURS. EXCEPTION: IF THE OWNER SPECIFICALLY ALLOWS THE SHUT DOWN TO A PREDETERMINED AND ACCEPTED TIME FRAME. HOWEVER, IT SHALL IN NO WAY EXTEND INTO WEEKENDS OR HOLIDAYS.
30. IF NEW WALL LOCATIONS CREATE A SITUATION OF OVER SPACING FOR THE ADJACENT EXISTING NON-RENOVATED AREAS, REWORK EXISTING SPRINKLER COVERAGE IN NON-RENOVATED AREAS TO BRING THESE AREAS INTO COMPLIANCE WITH NFPA SPACING RULES FOR THE GIVEN OCCUPANCY HAZARDS.
31. REPAIR ALL HOLES IN WALLS, FLOORS, AND CEILINGS AND MAINTAIN REQUIRED FIRE RATING OF WALL AND CEILINGS.
32. SEISMIC BRACING/ RESTRAINT IS REQUIRED FOR THIS PROJECT.
33. FIRE PROTECTION PLANS SHALL BE SUBMITTED AND RECEIVED APPROVAL PRIOR TO FABRICATION BY AND ALL REQUIRED LOCAL AND STATE AUTHORITIES.

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JONESBORO MUNICIPAL AIRPORT TERMINAL REPLACEMENT

3921 LINDBERGH DRIVE JONESBORO, AR 72401

STATE OF ARKANSAS REGISTERED ENGINEER NO. 18904 JULIAN A. LEE 10/16/2024

INSIGHT ENGINEERING, PLLC No. 3523 ARKANSAS

CONSTRUCTION DOCUMENTS

PROJECT NO.
2226

PROJECT NAME
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DATE
10/18/2024

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FIRE PROTECTION GENERAL NOTES AND DETAILS

SHEET NUMBER
FP001

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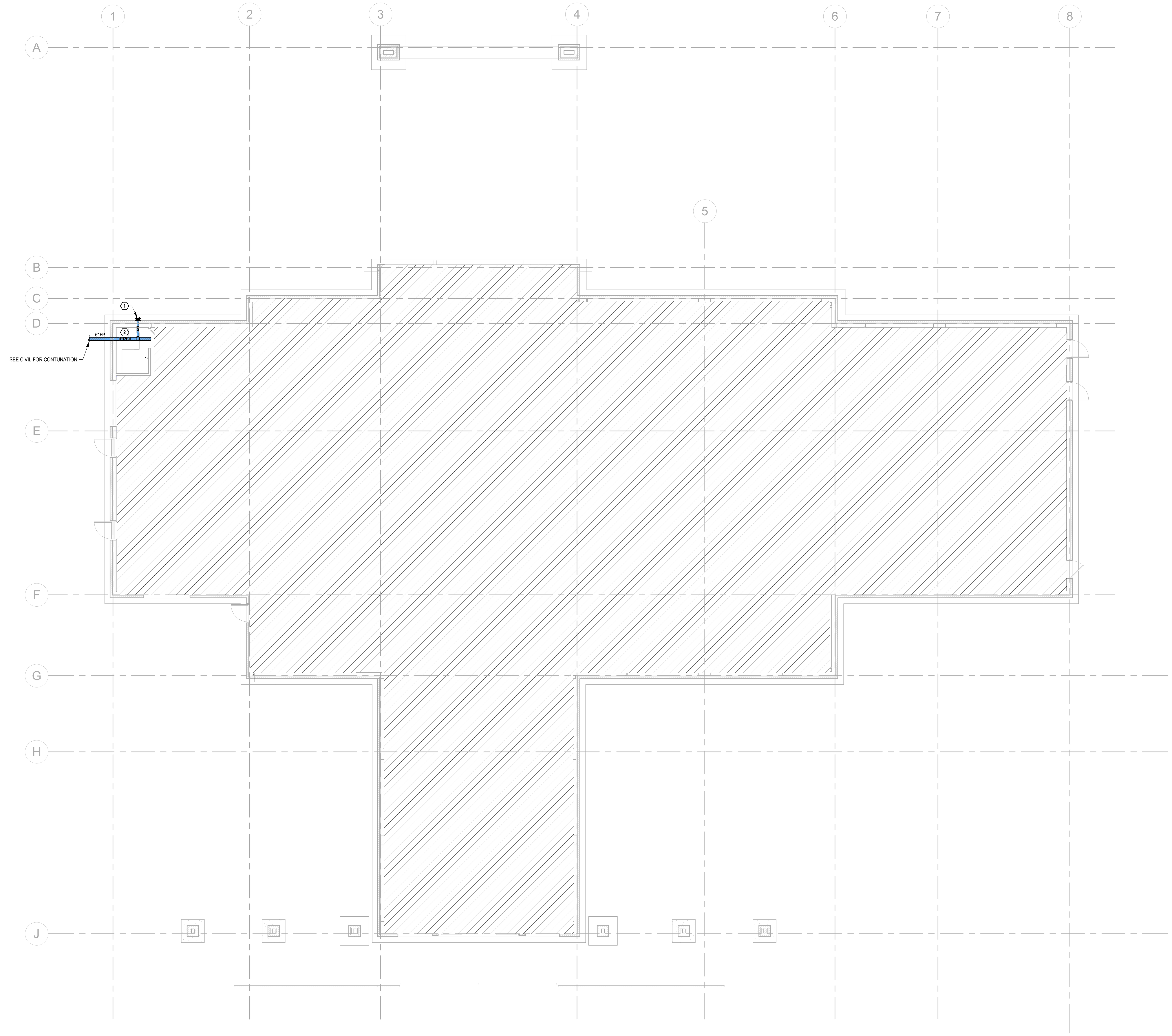

1 FLOOR PLAN - FIRE PROTECTION
1/8" = 1'-0"

GENERAL NOTES

1. PLACE SPRINKLER DROPS TO CENTER OF NEW CEILING GRID IN HATCH AREA. SYSTEM SHALL MEET NFPA-13 REQUIREMENTS. SPRINKLER HEADS SHALL BE WHITE CONCEALED TYPE.

KEYED NOTES

1. REMOTE FDC.
2. FIRE RISER.

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JONESBORO MUNICIPAL AIRPORT
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FLOOR PLAN - FIRE PROTECTION

STATE OF ARKANSAS REGISTERED PROFESSIONAL ENGINEER NO. 19764 FALLON A LEE
10/18/2024

CERTIFICATE OF AUTHORIZATION INSIGHT ENGINEERING, PLLC No. 3523 ARKANSAS

SHEET NUMBER
FP101

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PLUMBING FIXTURE SCHEDULE

DESIGNATION	FIXTURE TYPE	BASIS OF DESIGN		PIPE CONNECTION SIZE				TRAP	DESCRIPTION
		MANUFACTURER AND MODEL	ACCESSORIES	COLD	HOT	WASTE	VENT		
WC-1	WATER CLOSET	AMERICAN STANDARD "MADERA 16-1/2" #3043.0011, AMERICAN STANDARD 606B.161 SENSOR OPERATED FLUSH VALVE	CENTOCO #1500STSCCSS HEAVY DUTY OPEN FRONT LESS COVER SEAT, ZURN Z8802-XL-Q-PC QUARTER TURN STOP	1"	-	4"	2"	INTEGRAL	FLOOR MOUNTED ADA WATER CLOSET, VITREOUS CHINA, INTEGRAL STOPS AND TRAP, SIPHON JET, 1 1/2" EXPOSED TOP SPUD FLUSH VALVE: 1.6 GPF, RUBBER DIAPHRAGM WITH DUAL FILTERED FIXED BYPASS; CHLORAMINE RESISTANT HANDLE PACKING, MAIN SEAT, STOP SEAT, AND VACUUM BREAKER; HARD WIRED POWER KIT
WC-2	WATER CLOSET	AMERICAN STANDARD #2234.001, AMERICAN STANDARD 606B.161 SENSOR OPERATED FLUSH VALVE	CENTOCO #1500STSCCSS HEAVY DUTY OPEN FRONT LESS COVER SEAT, ZURN Z8802-XL-Q-PC QUARTER TURN STOP	1"	-	4"	2"	INTEGRAL	FLOOR MOUNTED WATER CLOSET, VITREOUS CHINA, INTEGRAL STOPS AND TRAP, SIPHON JET, 1-1/2" EXPOSED TOP SPUD FLUSH VALVE: 1.6 GPF, RUBBER DIAPHRAGM WITH DUAL FILTERED FIXED BYPASS; CHLORAMINE RESISTANT HANDLE PACKING, MAIN SEAT, STOP SEAT, AND VACUUM BREAKER; HARD WIRED POWER KIT
LAV-1	LAVATORY ADA	AMERICAN STANDARD 'LUCERNE' #0356.412, SLOAN FAUCET #EFX-200-BOX-8DT	WADE WALL CARRIER #520, ZURN P-TRAP #Z8700-PC, ZURN SOLID STRAINER #Z8743-PC, ZURN STOPS #Z8804-XL-LR-PC, SLOAN TRANSFORMER	1/2"	1/2"	2"	2"	1-1/4"	LAVATORY - ADA COMPLIANT, WALL HUNG, WHITE VITREOUS CHINA, FRONT OVERFLOW, SINGLE FAUCET HOLE, SOLID TOP OPEN GRID STRAINER, CHROME PLATED SUPPLY STOPS AND TRAP, FAUCET - 0.5 GPM, HARDWIRED HANDS FREE, BELOW DECK THERMOSTATIC MIXING VALVE, POLISHED CHROME, CARRIER - CONCEALED ARM WALL CARRIER
LAV-2	LAVATORY ADA	BRADLEY VERGE LVGD2 WASH BASIN WITH WASHBAR WB2 WB-ER1, HANDSFREE SOAP, WATER AND HAND DRYER, ADA COMPLIANT	COLOR AND FINISHES BY ARCHITECT. 120 VAC, 15A GFI	1/2"	1/2"	2"	2"	1-1/2"	WASHBASIN IS 60" WIDE TO ACCOMMODATE UP TO 2 USERS, TOUCH FREE WASH BAR INCLUDES SOAP, WATER AND HAND DRYER, SYSTEM COMES COMPLETE WITH MOUNTING, ACCESS PANEL, DRAIN ASSEMBLY AND PLUMBING CONNECTIONS
LAV-3	LAVATORY ADA	AMERICAN STANDARD "AQUALYN" #0475.020, SLOAN FAUCET #EFX-200-BOX-8DT	ZURN P-TRAP #Z8700-PC, ZURN SOLID STRAINER #Z8743-PC, ZURN STOPS #Z8804-XL-LR-PC, SLOAN TRANSFORMER	1/2"	1/2"	2"	2"	1-1/4"	LAVATORY - ADA COMPLIANT, 17-3/8"x20-3/8"x7-5/8"D, COUNTER-TOP, WHITE VITREOUS CHINA, FRONT OVERFLOW, SINGLE FAUCET HOLE, FAUCET - 0.5 GPM, HARDWIRED HANDS FREE, BELOW DECK THERMOSTATIC MIXING VALVE, POLISHED CHROME
UR-1	URINAL	AMERICAN STANDARD #6590.001 "WASHBROOK', SLOAN VALVE #186-ESS-1.0-DBP-TMO-HW ROYAL	WADE CARRIER #402 SERIES, SLOAN TRANSFORMER #EL-154, 120V/60HZ/1PH	3/4"	-	2"	2"	INTEGRAL	URINAL, 14-1/8" X 18-7/8" X 45" HIGH, WALL MOUNTED, VITREOUS CHINA, 3/4" TOP SPUD, WASHOUT ACTION, INTEGRAL TRAP, FLUSH VALVE - 1.0 GPF, DUAL FILTERED BYPASS, SYNTHETIC RUBBER DIAPHRAGM, CHLORINE RESISTANT HANDLE PACKING, MAIN SEAT, STOP SEAT, AND VACUUM BREAKER, HARD WIRED SENSOR OPERATION, 120VAC TO 24VAC TRANSFORMER, TRUE MECHANICAL OVERRIDE
S-1	1-COMP SINK	JUST MFG #SL-1515-A-GR, T&S BRASS #B-2866-05GT-V22	ZURN P-TRAP #Z8702-PC, ZURN SOLID STRAINER #Z8743-PC , ZURN STOPS #Z8804-XL-LR-PC,	1/2"	1/2"	2"	2"	1-1/2" P-TRAP	SINK- 15"x15"x6"D, 1 COMPARTMENT, COUNTER-TOP, SELF RIMMING, 18 GAUGE TYPE 304 STAINLESS STEEL, CENTER DRAIN OUTLET, THREE FAUCET HOLES ON 8" CENTERS, FAUCET - 2.2 GPM, CHROME PLATED LEAD FREE, 5-3/4" GOOSENECK SWING SPOUT, DECK MTD, 4" WRIST BLADES, CONCEALED DUAL HOT/COLD SUPPLY, 8" FIXED CENTERS
SS-1	SERVICE SINK	STERN WILLIAMS HL-1800 STERN & WILLIAMS SERVICE SINK, B-0665-BSTR T&S BRASS FAUCET	B-0553 T&S BRASS MOP HANGER, B-0654 T&S BRASS HOOK & HOSE	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
EWC-1	ELECTRIC WATER COOLER	ELKAY EZSTL8WSVRLK	120V/60Hz/1PH, 5.0 FLA	1/2"	-	2"	2"	1-1/4"	ELECTRIC WATER COOLER WITH BOTTLE FILLING STATION, 8 GPH OF 50 DEG. F DRINKING WATER AT 90 DEG. F AMBIENT AND 80 DEG. F INLET WATER, PUSHBAR ACTIVATION, BOTTLE FILLING UNIT SHALL INCLUDE ELECTRONIC SENSOR FOR TOUCHLESS ACTIVATION WITH AUTO 20-SECOND SHUT-OFF TIMER, BOTTLE FILLER SHALL PROVIDE 1.1 GPM LAMINAR FLOW, LIGHT GRAY GRANITE VINYL CABINET, STAINLESS STEEL BASIN WITH INTEGRAL DRAIN, FLEXIBLE ANTI-MICROBIAL BUBBLER, UNIT SHALL MEET ADA GUIDELINES
SB-1	ICEMAKER BOX	GUY GRAY BIM875	-	1/2"	-	-	-	-	11.62" X 9-1/2"X 3-1/2" 18 GAUGE STEEL ICEMAKER BOX WITH VALVE
HB-1	HOSE BIBB	ZURN Z-1321 FREEZE PROOF WALL HYDRANT	-	1/2"	-	-	-	-	FREEZE PROOF HOSE BIBB

PLUMBING EQUIPMENT SCHEDULE

DESIGNATION	EQUIPMENT	DESCRIPTION	ELECTRICAL
WH-1	WATER HEATER	AOSMITH: DRE-80-36, 80 GALLON ELECTRIC WATER HEATER - 1-1/4" CW, 1-1/4" HW, DRAIN, (6) 6000 W HEATING ELEMENTS - SHALL BE WIRED TO OPERATE SIMULATENEOUSLY, 148 GPH @ 100°T, TANK TYPE, HIGH TEMP ENAMEL TANK LINING, MAGNESIUM ANODE ROD RIGIDLY SUPPORTED, 150 PSI WORKING PRESSURE RATING, COPPER RESISTORED SCREW IN ELEMENTS, HIGH LIMIT CONTROL, CSA/ASME RATED T&P RELIEF VALVE, UL SEAL OF CERTIFICATION, COMPLETELY FACTORY ASSEMBLED, 3 YEAR WARRANTY	HARDWIRED, 36KW, 208 VOLT, THREE PHASE, 99.9 FLA
CP-1	CIRCULATION PUMP	TACO 009 HOT WATER CIRCULATOR PUMP - 4 GPM @ 27' HD, 7/16-18"X5-3/8", CAST IRON CASING, ALUMINUM STATOR HOUSING, STAINLESS STEEL CARTRIDGE, NON-METALLIC IMPELLER, CERAMIC SHAFT, CARBON BEARINGS, EPDM O-RINGS/GASKETS, SELF LUBRICATING, DIRECT DRIVE, REPLACEABLE CARTRIDGE DESIGN, NO MECHANICAL SEAL	HARDWIRED 1/8 HP, 1.4 A 120V / 1 / 60
ET-1	EXPANSION TANK	ZURN WTTA-5	-

PLUMBING PIPING SPECIALTIES SCHEDULE

ITEM	FIXTURE	DESCRIPTION	SIZE	COLD	HOT
RPZA	REDUCED PRESSURE ZONE ASSEMBLY	APPOLO VALVE RPLF4A-218-44F - 2", LEAD FREE CAST BRASS, EASILY REMOVABLE MODULAR CHECK VALVE ASSEMBLIES, CAPTURED STAINLESS STEEL SPRINGS, BALL VALVE SHUT-OFFS W/ STAINLESS STEEL HANDLES AND UNIONS, WYE STRAINER INCLUDED, MODULAR RELIEF VALVE, 175 PSI MAX WORKING PRESSURE.	2-1/2"	2-1/2"	-
FS-1	FLOOR SINK	ZURN ZN-1901-2-32, WHITE A.R.E. INTERIOR, POLISHED NICKEL BRONZE FRAME AND HALF GRATE, ALUMINUM BOTTOM STRAINER, 12" X 12" X 8" DEEP.	AS NOTED		
FD-1	FLOOR DRAIN	ZURN ZN-415S-P, 6"x6" SQUARE POLISHED NICKEL BRONZE STRAINER, 1/2" TRAP PRIMER CONNECTION	AS NOTED	-	-
WCO	WALL CLEANOUT	ZURN Z-1441-BP-VP, CAST IRON NO-HUB CLEANOUT FERRULE, BRONZE PLUG, STAINLESS STEEL ROUND ACCESS COVER PLATE, VANDAL-PROOF SCREW.	AS NOTED	-	-
FCO	FLOOR CLEANOUT	ZURN ZN-1400-BP-VP "LEVEL-TROL", CAST IRON, GASKETED HUB OUTLET, THREADED ADJUSTABLE HOUSING, BRONZE PLUG, NICKEL BRONZE SCORIATED TOP, VANDAL-PROOF SCREWS.	SAME AS PIPE SIZE	-	-
COTG	CLEANOUT TO GRADE	ZURN Z-1400-BP-VP "LEVEL-TROL", GASKETED HUB OUTLET, THREADED ADJUSTABLE HOUSING, BRONZE PLUG, DURA-COATED CAST IRON TOP, VANDAL-PROOF SCREWS.	AS NOTED	-	-
DCOTG	DOUBLE CLEANOUT TO GRADE	(2) ZURN Z-1400-BP-VP "LEVEL-TROL", GASKETED HUB OUTLET, THREADED ADJUSTABLE HOUSING, BRONZE PLUG, DURA-COATED CAST IRON TOP VANDAL-PROOF SCREWS, TYLER TWIN CLEANOUT FITTING.	AS NOTED	-	-
GI	CONCRETE GREASE INTERCEPTOR	SCURLOCK INDUSTRIES CONCRETE GREASE INTERCEPTOR – 1000 GALLON LIQUID CAPACITY, DESIGNED PER JONESBORO CITY, WATER, AND LIGHT SPECIFICATIONS, PROVIDE EXTENSIONS AS REQUIRED TO BE FLUSH WITH GRADE, PROVIDE SAMPLE PORT MANHOLE DESIGNED PER JONESBORO CITY, WATER, AND LIGHT SPECIFICATION.	-	-	-

WATER HAMMER ARRESTOR SCHEDULE

P.D.I. UNITS	A	B	C	D	E	F
FIXTURE UNITS	1-11	12-32	33-60	61-113	114-154	155-330

CLASSIFICATIONS ESTABLISHED BY THE PLUMBING AND DRAINAGE INSTITUTE "STANDARD P.D.I.-WH201".

APPROVED MANUFACTURERS:

1. ZURN, WADE, J.R. SMITH, JOSAM, MIFAB

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, CLEANOUTS, 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 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 THAN 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	SYMBOL	DESCRIPTION
	NEW FIXTURE / EQUIPMENT.	P-1	PLUMBING FIXTURE / EQUIPMENT DESIGNATION
	EXISTING PIPING TO REMAIN.	FD	FLOOR DRAIN
	NEW PIPING	VTR	VENT THRU ROOF
SS	SANITARY SEWER (SS)	CO	CLEANOUT PLUG
V	VENT (V)	FCO	FLOOR CLEANOUT
	COLD WATER (CW)	WCO	WALL CLEANOUT
	HOT WATER (HW)	COTG	CLEANOUT TO GRADE
	HOT WATER RETURN (HWR)	1 / P301	RISER DESIGNATION
	BALL VALVE		CONNECT TO EXISTING.
	GATE VALVE		POINT OF DEMOLITION.
	CHECK VALVE	1	REVISION DELTA
	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		

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P001

STATE OF ARKANSAS REGISTERED PROFESSIONAL ENGINEER JUSTIN A. LEE 10/16/2024

INSIGHT ENGINEERING, PLLC No. 3523 ARKANSAS

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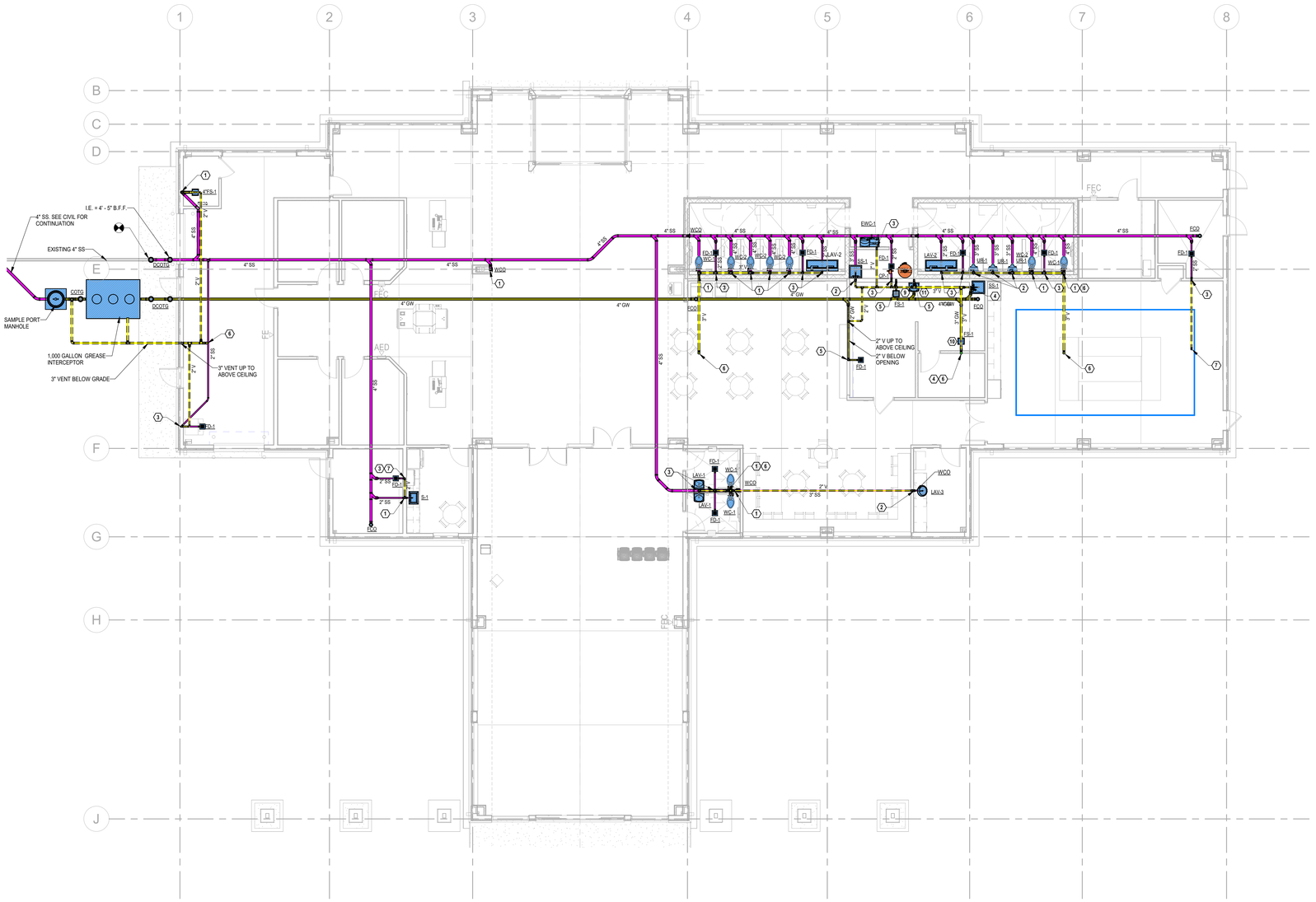

KEYED NOTES

1. 4" SS DOWN TO BELOW FLOOR.
2. 3" SS DOWN TO BELOW FLOOR.
3. 2" SS DOWN TO BELOW FLOOR.
4. 3" GW DOWN TO BELOW FLOOR.
5. 2" GW DOWN TO BELOW FLOOR.
6. 3" VTR.
7. 2" VTR.
8. PROVIDE AIR ADMITANCE DEVICE.
9. INDIRECT DRAIN OWNER PROVIDED PREPARATION TABLE WITH SINK.
10. INDIRECT DRAIN OWNER PROVIDED THREE COMPARTMENT SINK.
11. FINAL CONNECT OWNER PROVIDED HAND SINK.

1 FLOOR PLAN - SANITARY SEWER AND VENT
1/8" = 1'-0"

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STATE OF ARKANSAS REGISTERED ENGINEER ML 19564 JULIUS A. LEE
10/16/2024

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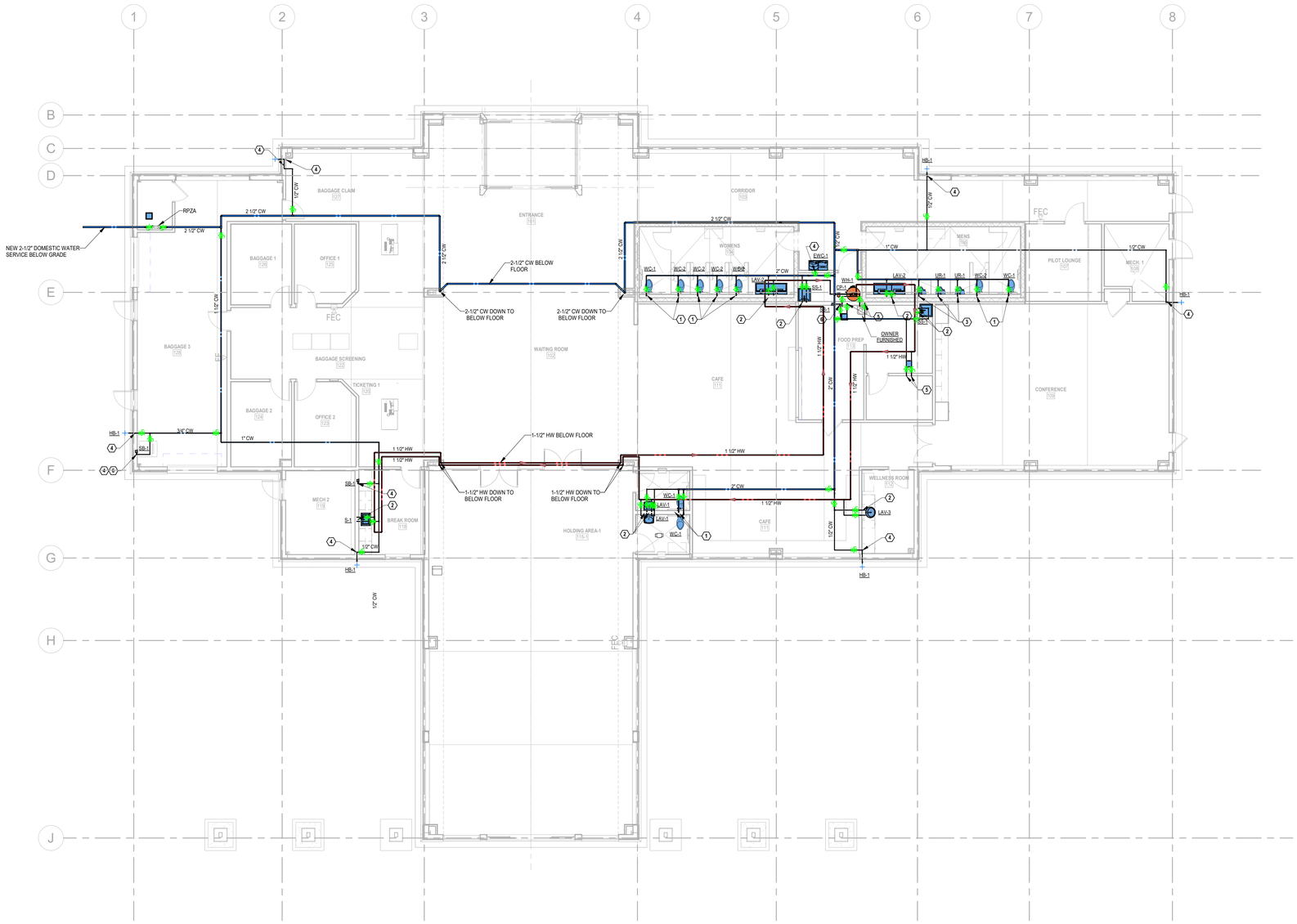

1 FLOOR PLAN - DOMESTIC WATER
1/8" = 1'-0"

KEYED NOTES

1. 1" CW DOWN TO FIXTURE.
2. 1/2" HW & CW DOWN TO FIXTURE.
3. 3/4" CW DOWN TO FIXTURE.
4. 1/2" CW DOWN TO FIXTURE.
5. 1/2" HW & CW DOWN TO OWNER FURNISHED SINK.
6. EXTEND 1/2" CW FROM SB-1 TO OWNER FURNISHED WATER FILTRATION SYSTEM AND FROM FILTRATION SYSTEM TO OWNER FURNISHED ICE MAKER. PROVIDE BACKFLOW PREVENTION AND FINAL CONNECT AS REQUIRED.

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FLOOR PLAN - DOMESTIC WATER

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STATE OF ARKANSAS REGISTERED PROFESSIONAL ENGINEER NO. 19764 DYLON A LEE 10/18/2024

INSIGHT ENGINEERING, PLLC CERTIFICATE OF AUTHORIZATION No. 3523 ARKANSAS

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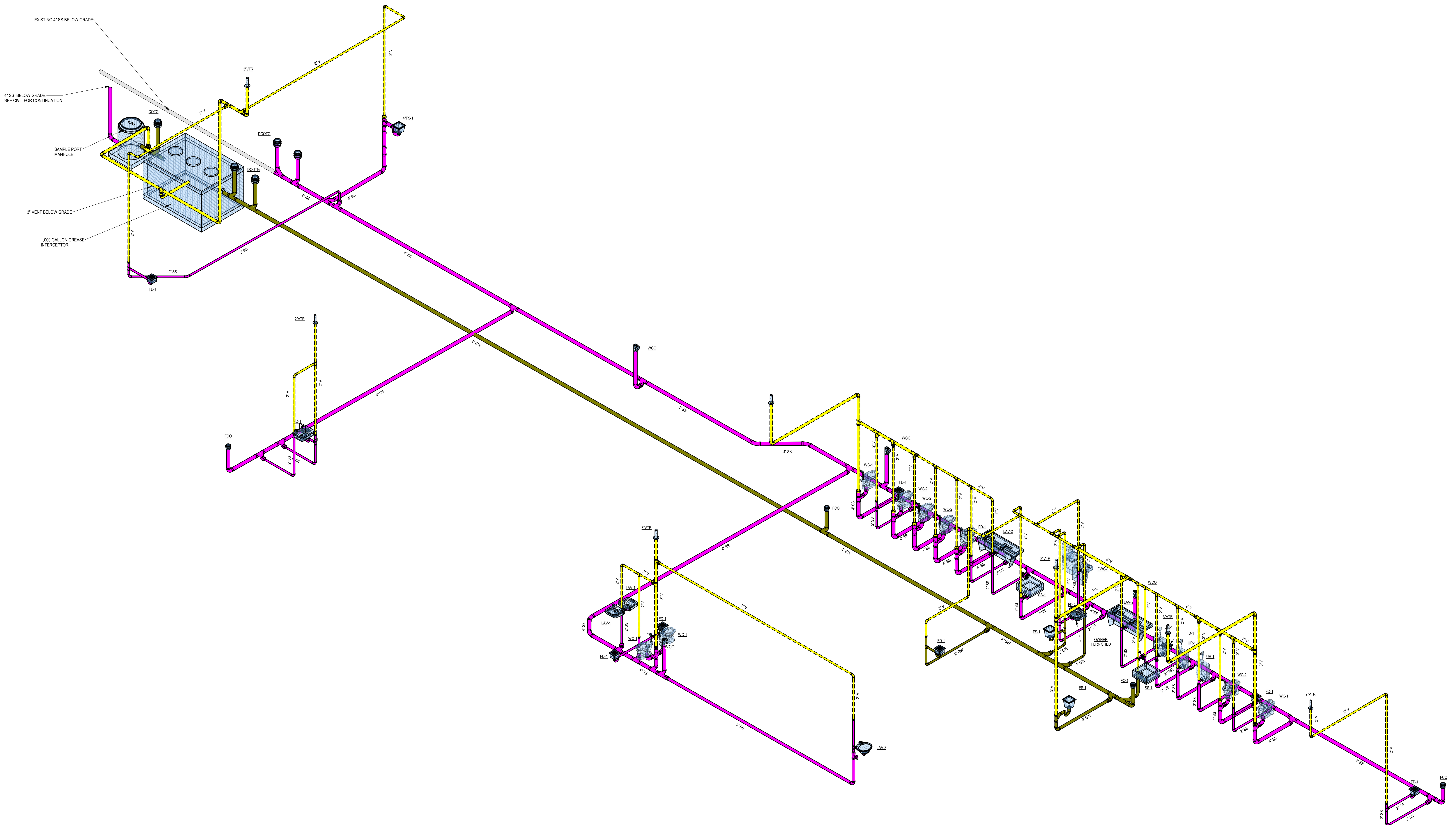

1 PLUMBING RISER DIAGRAM - SANITARY SEWER AND VENT
NOT TO SCALE:

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PLUMBING RISER DIAGRAMS

STATE OF ARKANSAS REGISTERED PROFESSIONAL ENGINEER No. 19764 FALLON A. LEE
10/18/2024

CERTIFICATE OF AUTHORIZATION INSIGHT ENGINEERING, PLLC No. 3523 ARKANSAS

SHEET NUMBER
P201

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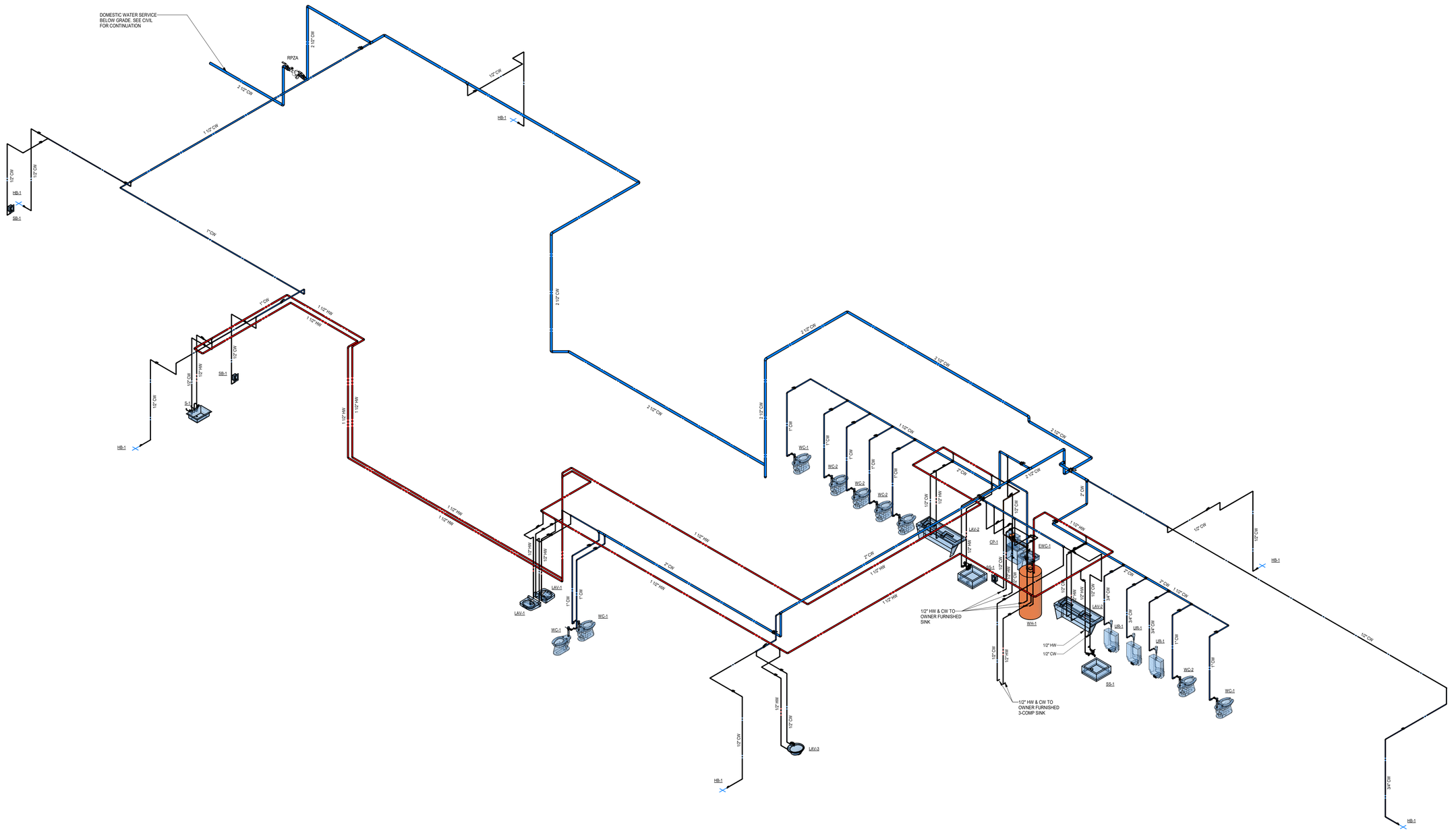

1 PLUMBING RISER DIAGRAM - DOMESTIC WATER

NOT TO SCALE:

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

Michael Baker
INTERNATIONAL
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LITTLE ROCK, AR 72201

JONESBORO MUNICIPAL AIRPORT
TERMINAL REPLACEMENT

3921 LINDBERGH DRIVE
JONESBORO, AR 72401

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FALLON A LEE
NO. 19764
10/18/2024

INSIGHT ENGINEERING, PLLC
No. 3523

SHEET NUMBER
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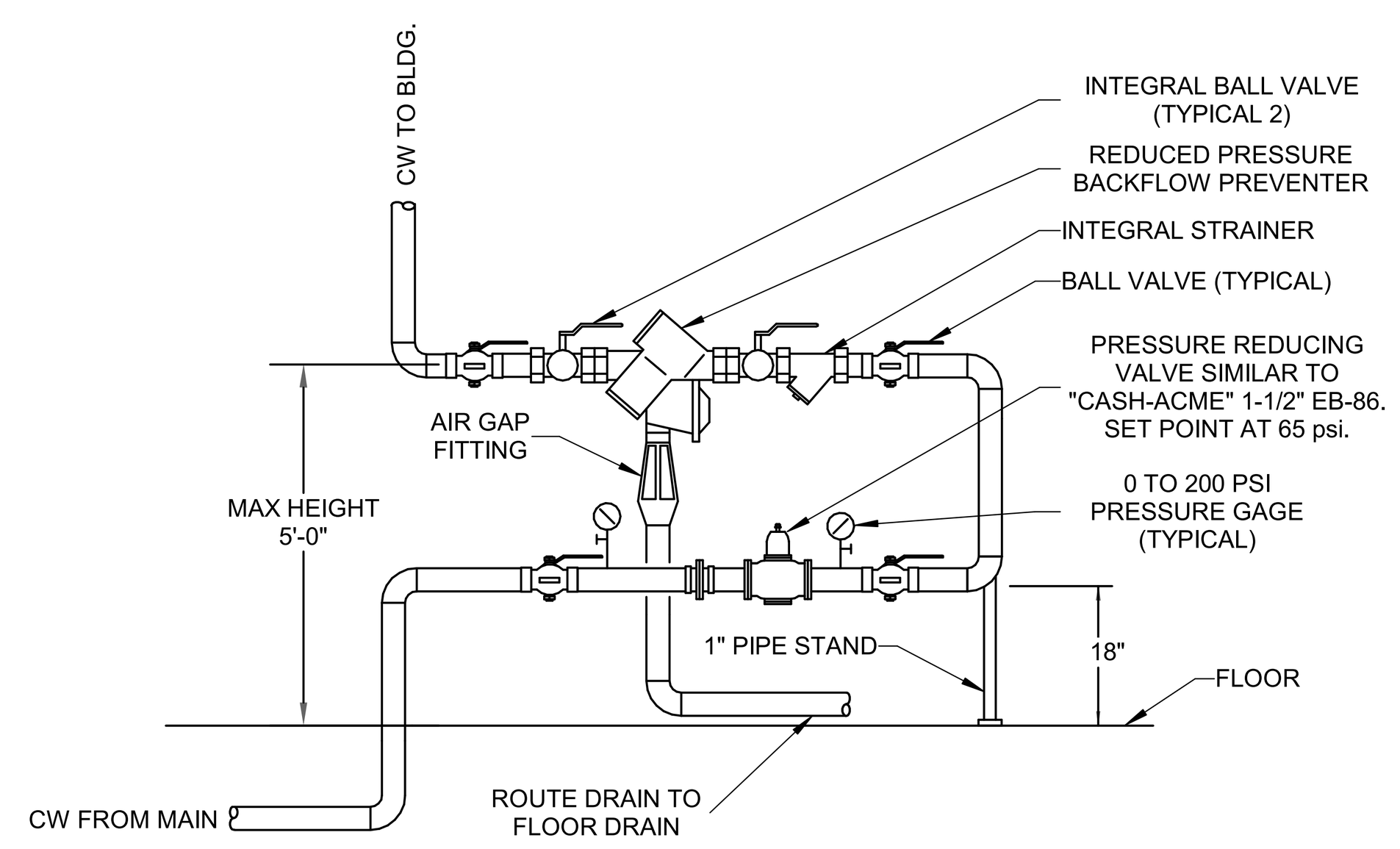

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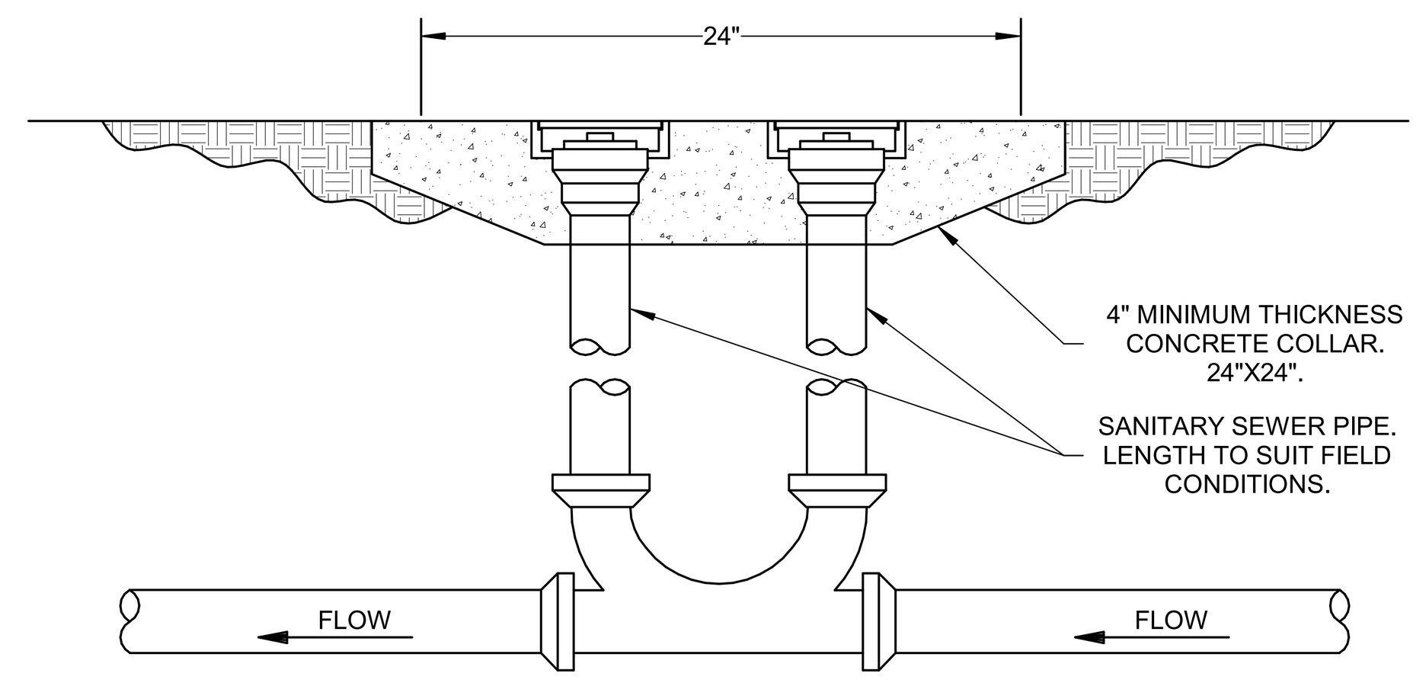

2 DOUBLE CLEANOUT TO GRADE DETAIL
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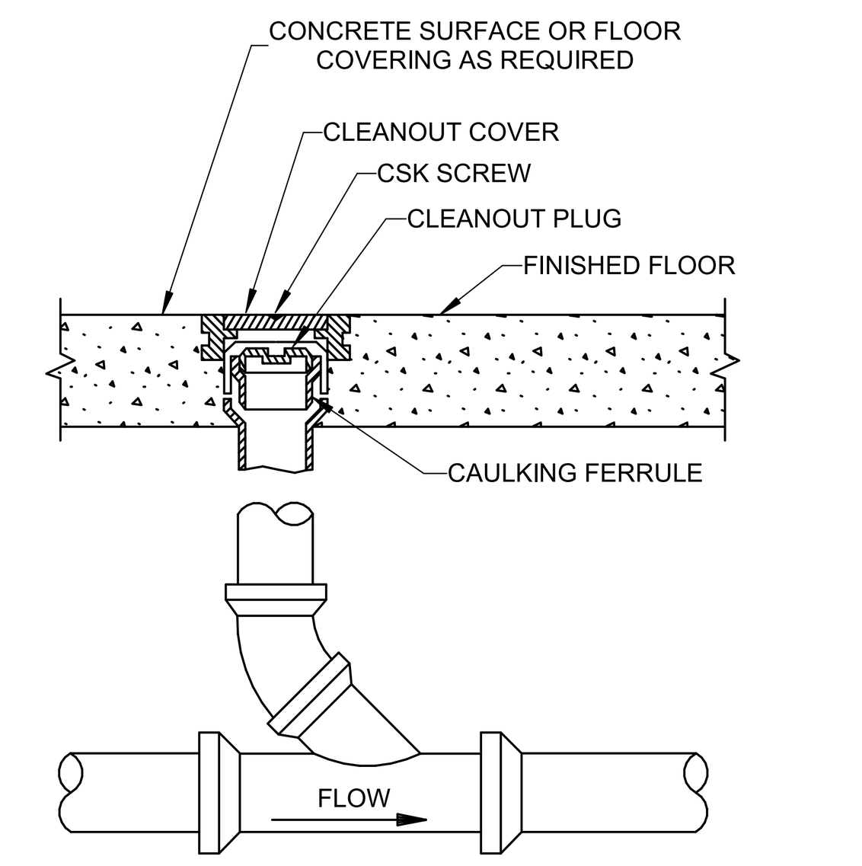

3 FLOOR CLEANOUT-FINISHED ROOMS DETAIL
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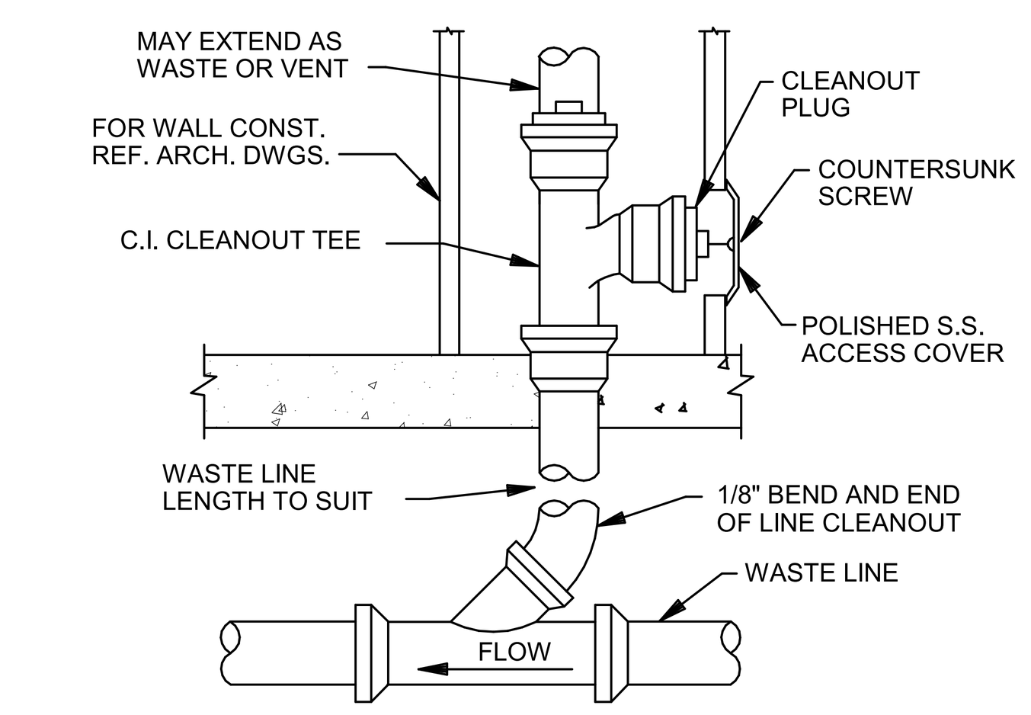

4 WALL CLEANOUT-FINISHED ROOMS DETAIL
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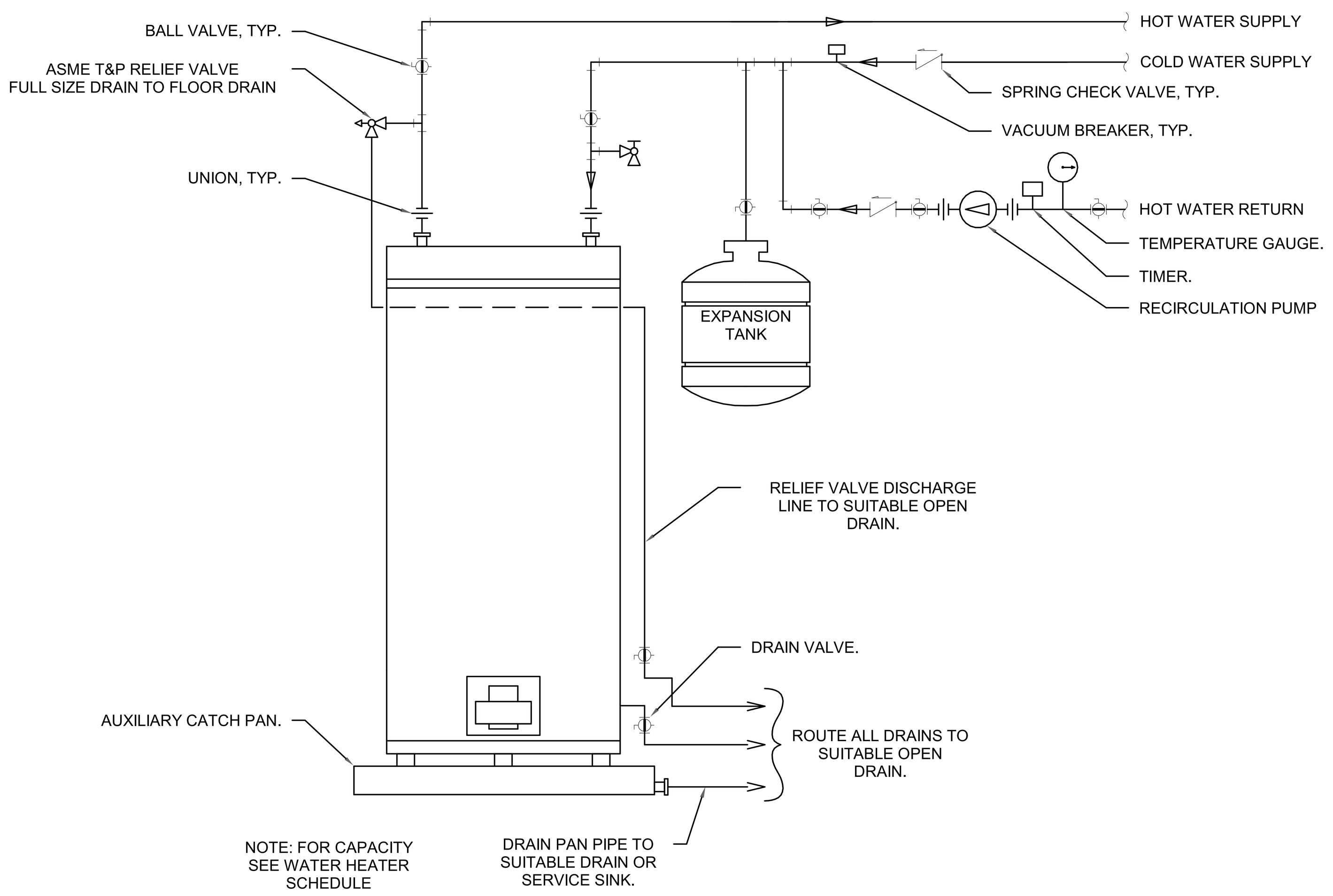

5 WATER HEATER DETAIL
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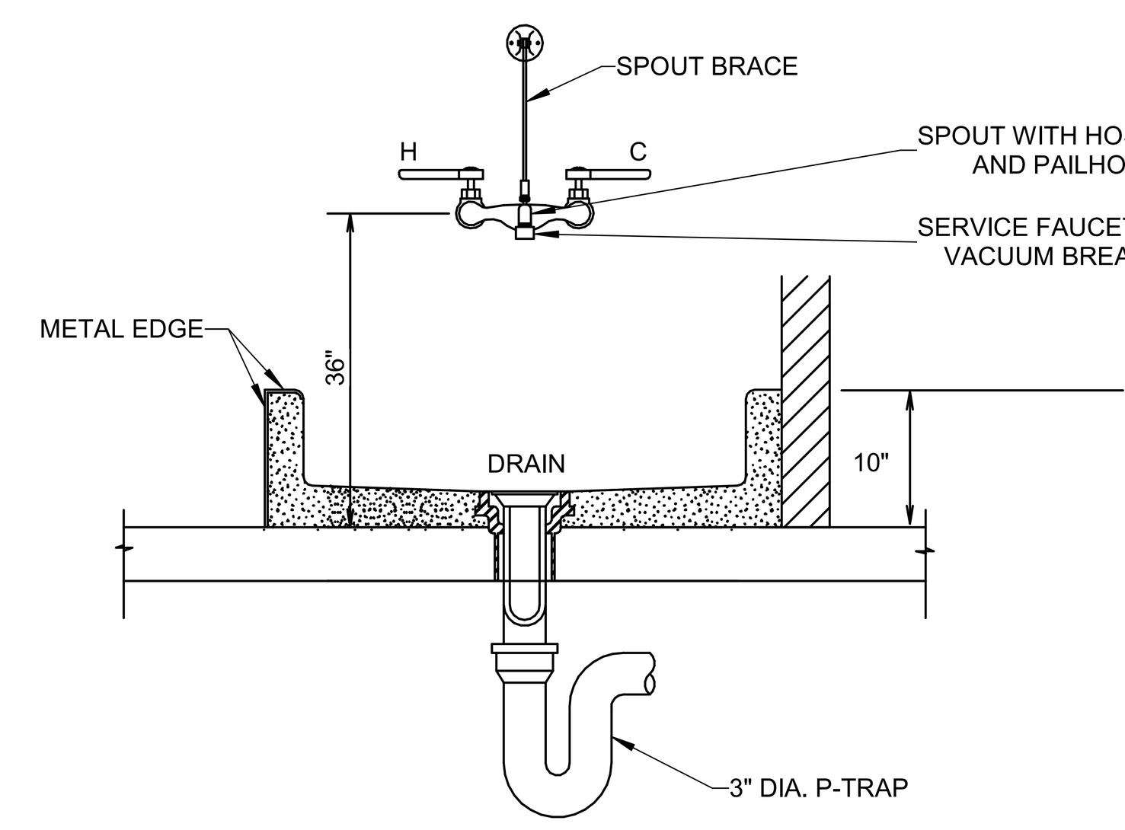

6 SERVICE SINK DETAIL
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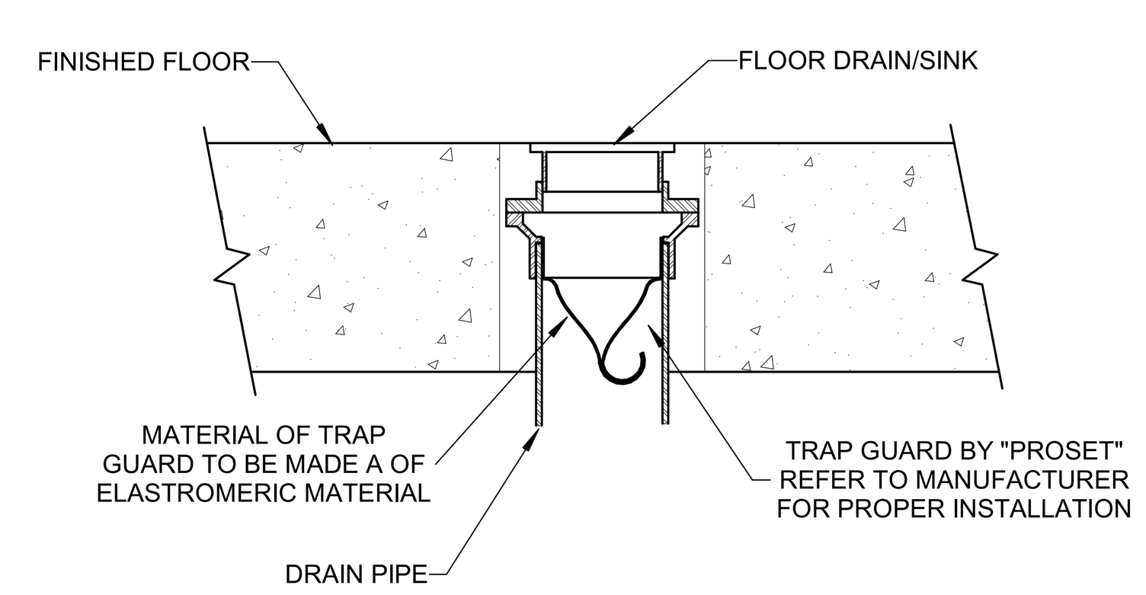

7 TRAP-GUARD DETAIL
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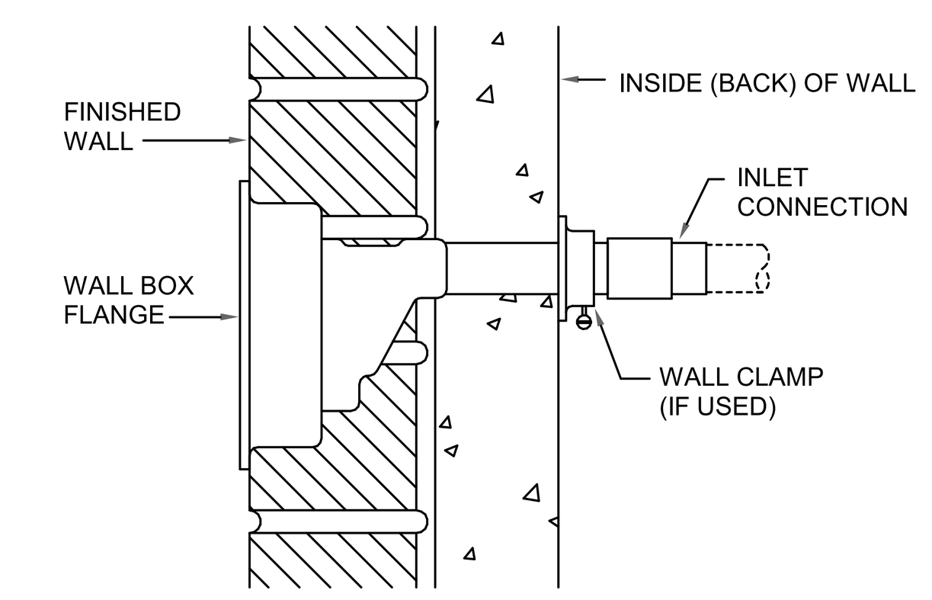

8 FREEZEPROOF WALL HYDRANT DETAIL
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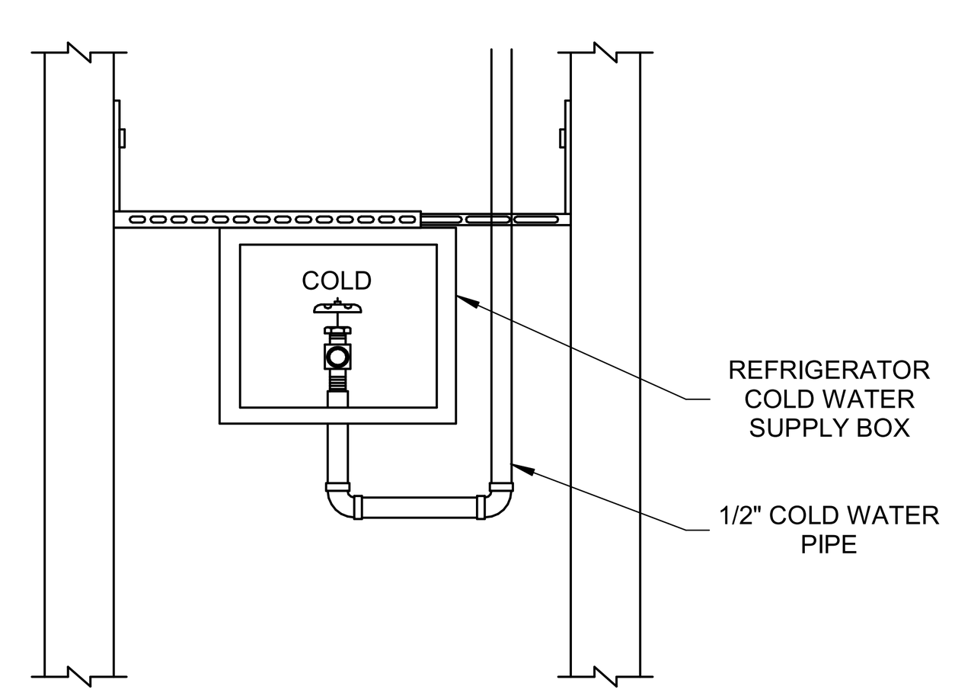

9 ICE MAKER COLD WATER SUPPLY BOX W/O DRAIN DETAIL
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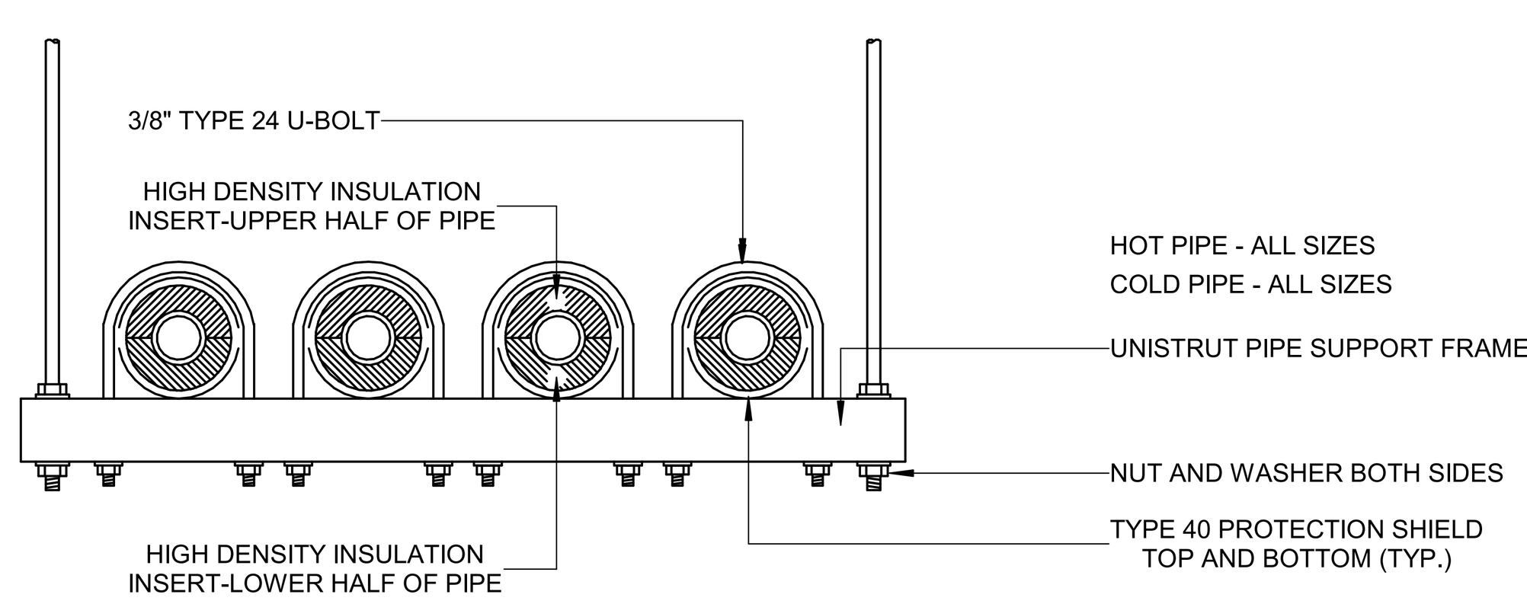

10 HORIZONTAL PIPE SUPPORT DETAIL
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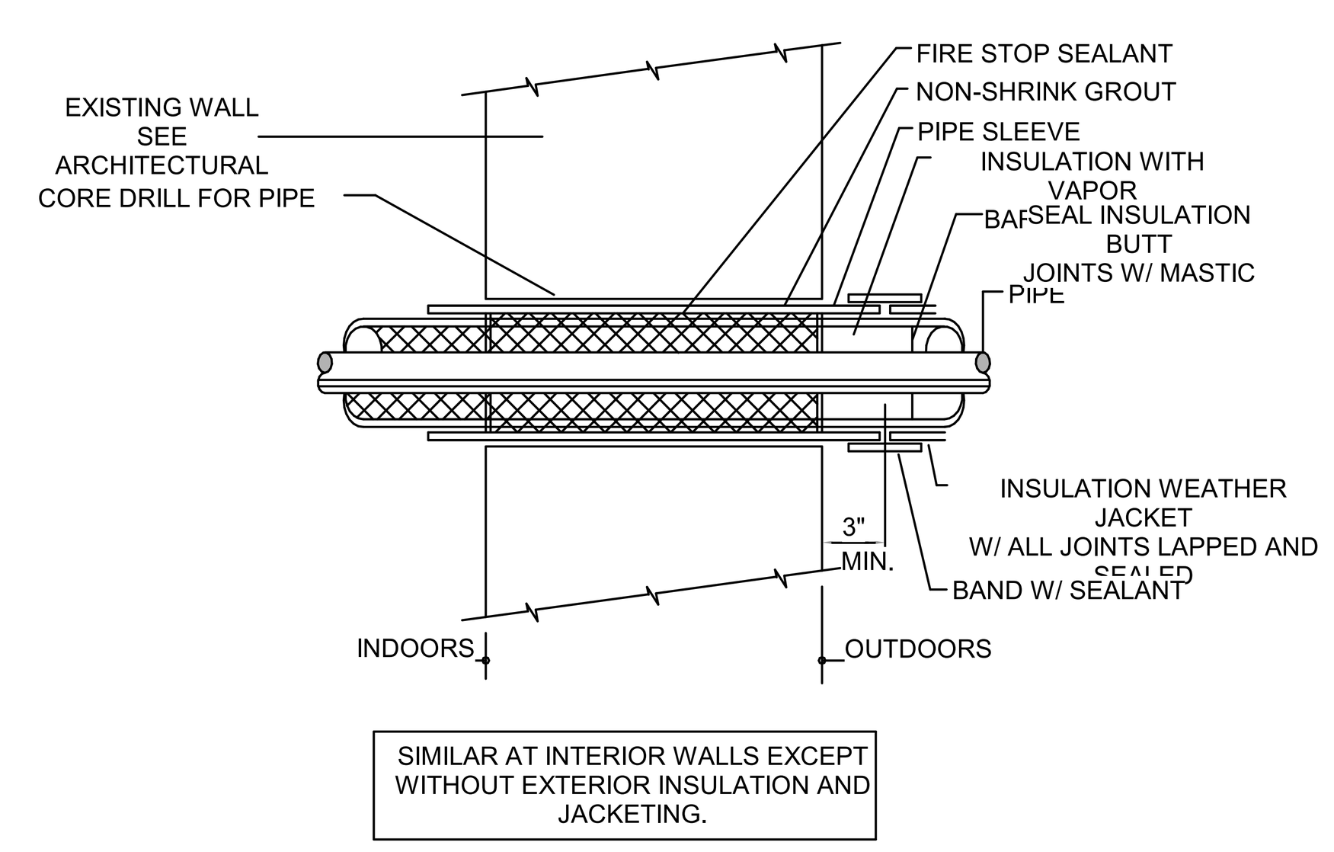

11 PIPE PENETRATION AT WALL
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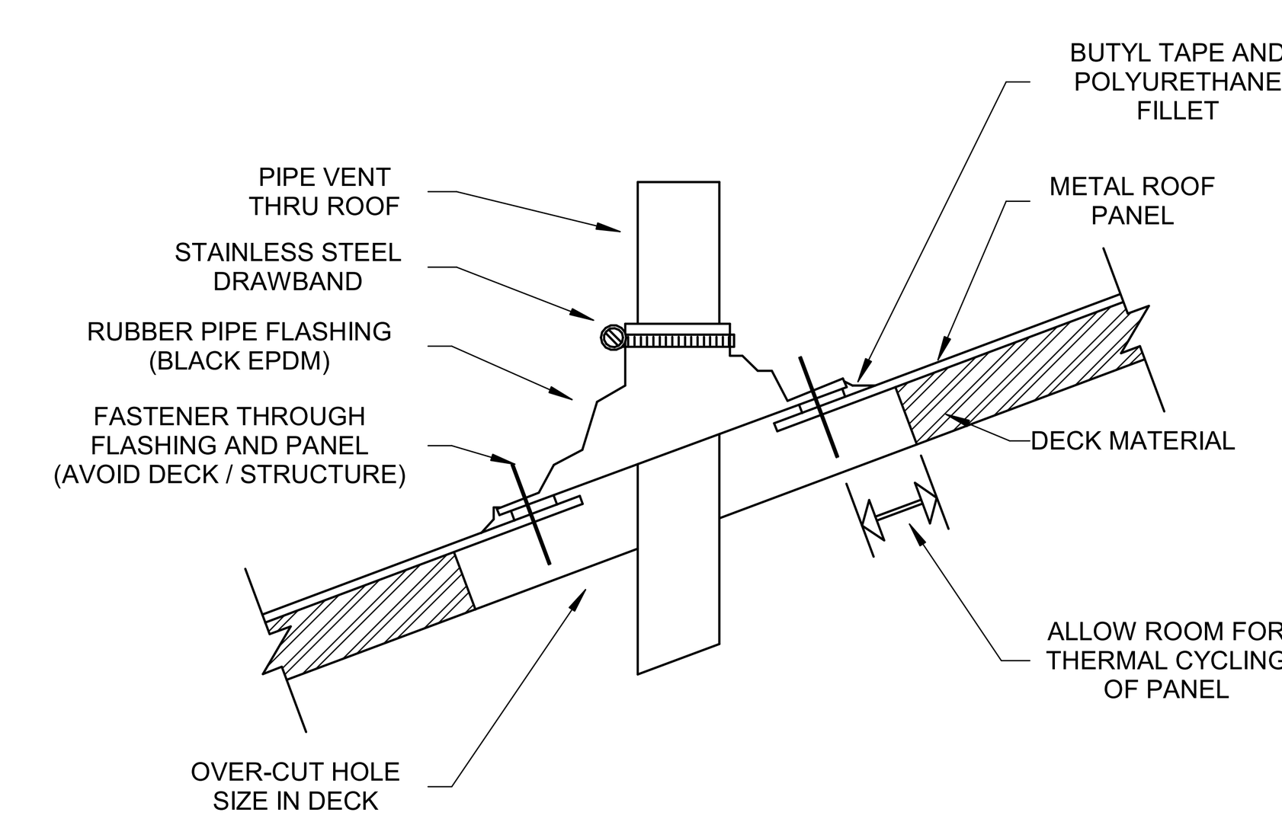

12 VENT THRU ROOF DETAIL (SLOPED ROOF)
NOT TO SCALE:

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JONESBORO MUNICIPAL AIRPORT TERMINAL REPLACEMENT

3921 LINDBERGH DRIVE
JONESBORO, AR 72401

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STATE OF ARKANSAS REGISTERED PROFESSIONAL ENGINEER No. 19764 FALLON A. LEE
CERTIFICATE OF AUTHORIZATION INSIGHT ENGINEERING, PLLC No. 3523 ARKANSAS
10/18/2024

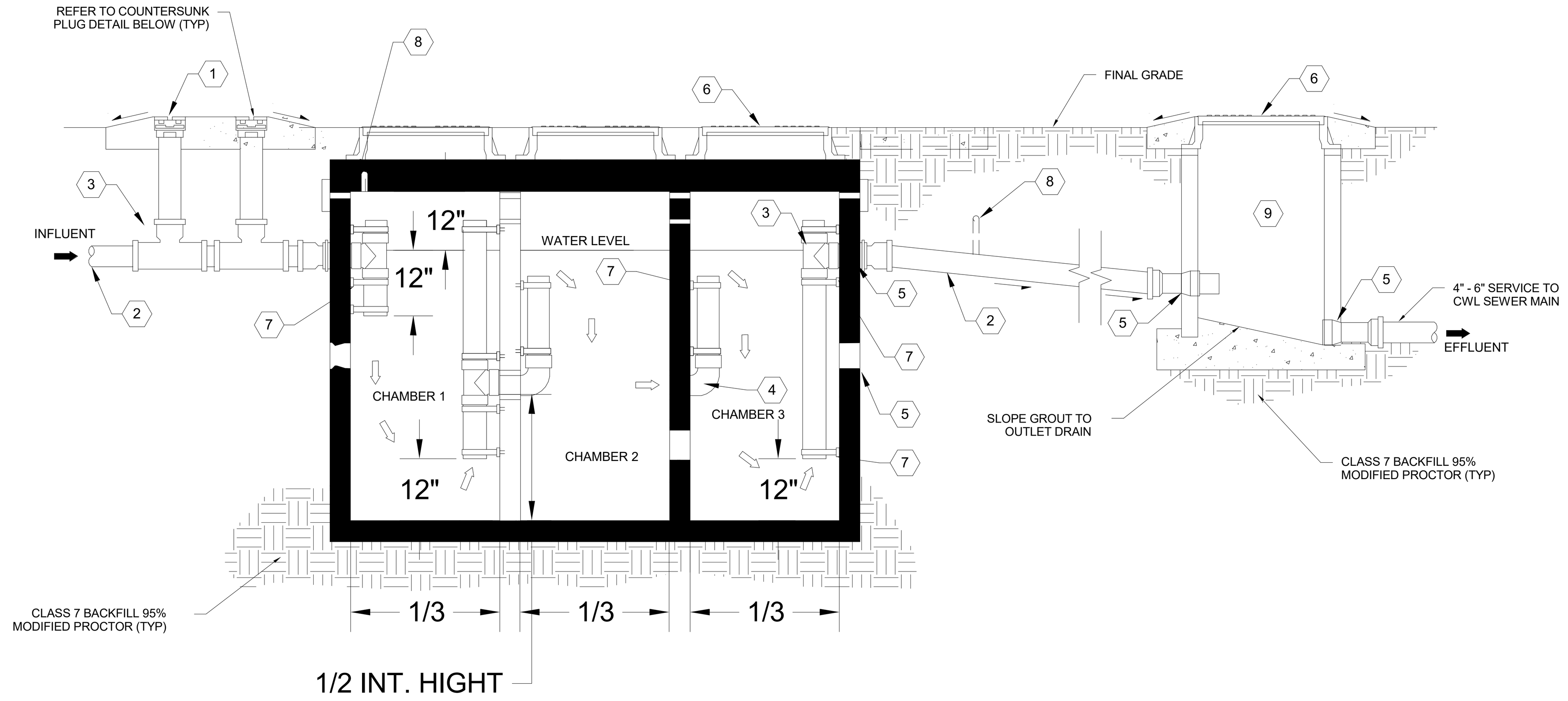
11/14/2024 10:06:35 AM

KEYED NOTES:

1. DOUBLE CLEANOUT & PAD USE IN PARKING AREA SEE ADDITIONAL NOTE #7.
2. PIPE MIN. 4" SCH. 40 PVC.
3. TEE MIN. 4" SCH.40 PVC.
4. ELBOW LONG SWEEP MIN. 4" SCH. 40 PVC.
5. A-LOK SEAL SEE ADDITIONAL NOTE #5.
6. MANHOLE FRAMES & LIDS DEETER #1266 OR EQUAL. SEE ADDITIONAL NOTE #1.
7. BANDS & ANCHORS STAINLESS STEEL. SEE ADDITIONAL NOTE #2.
8. VENT - SEE ADDITIONAL NOTE #5.
9. SAMPLING MANHOLE 4' DIAMETER MANHOLE.
10. RAM-NEK #RN101 PREFORMED FLEXIBLE GASKET STRIP 1.5" WIDE MIN. ASTM-C99-09, SS-210{A}. AASHOM-198751 OR EQUAL.

GENERAL NOTES:

1. ALL SAND/OIL INTERCEPTORS MUST HAVE THREE COMPARTMENTS WITH STANDARD MANHOLE FRAMES AND LIDS ARE TO BE INSTALLED OVER THE INLET PIPE AND OUTLET PIPE ON EACH COMPARTMENT.
2. ALL SAND/OIL INTERCEPTORS IN-TANK PIPING MUST BE MIN. 4" SCHEDULE 40 PVC SOLVENT WELD, AND IS TO BE SECURED AT THE TOP AND BOTTM WITH STAINLESS STEEL BANDS AND BOLTS.
3. ALL SAND/OIL INTERCEPTORS MUST BE ACCESSIBLE FOR INSPECTION, AND CLEANING AT ALL TIMES.
4. A-LOK SEALS OR EQUAL BOOTS ARE REQUIRED WHERE PIPING PASSES THROUGH THE EXTERIOR AND INTERIOR INTERCEPTOR WALLS AND MANHOLES.
5. VENTS ARE TO BE INSTALLED PER ARKANSAS STATE PLUMBING CODE LATEST REVISION.
6. CLEANOUTS USED ON THE EXTERIOR PORTION OF TANKS SHALL BE MIN. 4" WITH BRASS COUNTERSUNK PLUGS WADE #8590E OR EQUAL. PARKING AREAS MUST HAVE COUNTER SUNK COVERS WADE #8300MF OR EQUAL WITH CONCRETE PADS DETAILS.
7. EACH PWNER MUST SUBMIT A DETAILED SITE AND FLOOR PLAN THAT SHOW ALL PLUMBING FIXTURES WITH FLOW RATE AND THEIR CORRESPONDING PIPING LAYOUTS. EACH OWNER MUST SUBMIT AN ISOMETRIC PLUMBING RISER THAT SHOWS THE WASH BAY PIPING AND ALL OTHER SANITARY PIPING ASSOCIATED. CWL WILL REQUIRE A TOTAL GPMRATE TO THE SAND/OIL INTERCEPTOR.
8. ALL SAN/OIL INTERCEPTOR AND DRAWINGS MUST BE PRE-APPROVED BY CITY WATER & LIGHT.
9. WHEN SUBMITTAL IS COMPLETE AND APPROVED CWL WILL ISSUE A SAND/OIL INTERCEPTOR PERMIT.
10. ATTENTION ALL INSPECTIONS MUST BE COMPLETE SAND/OIL INTERCEPTOR AND SERWER LINES INCLUDED BEFORE CWL WILL CONNECT PERMANENT ELECTRIC TO BUILDING.



1 **GREASE INTERCEPTOR DETAIL**
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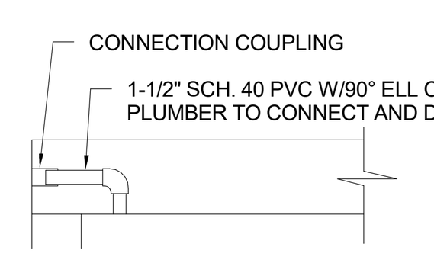
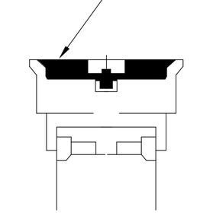


CONNECTION COUPLING SECTION



COUNTERSUNK PLUG DETAIL

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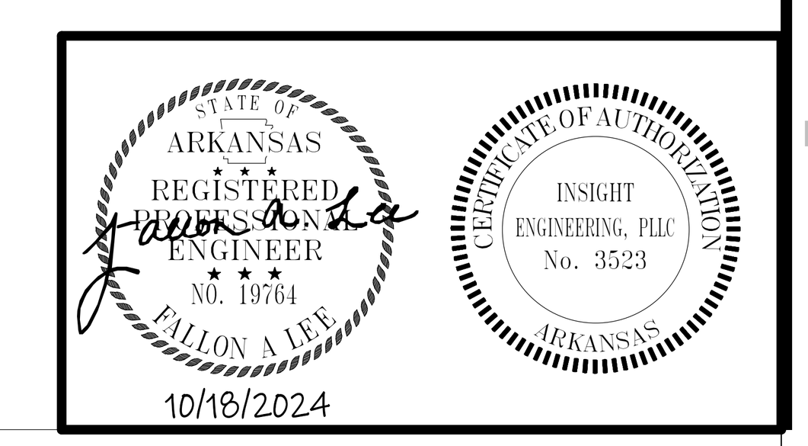

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