

HARTSVILLE/TROUSDALE COUNTY PLANNING COMMISSION

*John Kerr – Chair
David Thomas – Vice Chair
Amanda Carman – Sec*

*Heather Bay
Katie Dillion
Mitch Gregory*

*Author "AB" Harper
David Nollner
Cal Welch*

JANUARY 13, 2025 | 7:00PM | TC COURTHOUSE

AGENDA

CALL TO ORDER

ROLL CALL

APPROVAL OF MINUTES

Regular meeting December 9, 2024

APPROVAL/CHANGES TO THE AGENDA

PUBLIC HEARING

NEW BUSINESS

REZONE

- Rezone Request by Joann Adams for 1.92 acres from A1 to R1 at Sleepy Hollow RD (Map 19 Parcel 19.01) in the 7th Civil District to bring a nonconforming lot to a buildable lot.

SITE PLAN AMENDMENT

- Site Plan Amendment request by ARC to add additional building to Site Plan at 200 Smith Way (Map 34 Parcel 22.00) for a Flow Coater Processing Building in the 1st Civil District.

SKETCH PLAT

- Sketch Plat for a 10-lot subdivision on 9.72 acres at Thompson LN and McMurry Blvd (Map 027D B Parcel 21.01) by Tom P Thompson in the 7th Civil District.

DISCUSSION

- Food Trucks – Regulation outline
- RV Parks
- PUD – Planned Unit Developments

REPORT FROM CHAIRMAN

REPORT FROM PLANNING OFFICE

CLOSING REMARKS

ADJOURN

Hartsville/Trousdale County Planning Commission Regular Meeting

Meeting Minutes

December 9, 2024 - 7:00 P.M. – Trousdale County Courthouse

Present: Heather Bay, Amanda Carman, Mitch Gregory, Arthur Harper, John Kerr, Rosalie Myhan, David Nollner, Cal Welch

Absent: Katie Dillon, David Thomas

Others Present: Jaret Shaffer(GNRC), Bo Agee

Roll Call

- Chairman Kerr called the meeting to order at 7:00 P.M. and asked Amanda Carman to conduct a roll call.

Approval of Minutes

- Chairman Kerr asked for a review of the November 12th, 2024 meeting minutes. Cal Welch made a motion to approve minutes. Seconded by Mitch Gregory. None opposed.

MOTION CARRIED

Changes to the Agenda – Chairman Kerr told the Planning Commission members that there were changes made to the Agenda. The rezone request by Dennis Goke has been removed. Planning Commission members were given documents to review about PUD information. Additionally, the Final Plat approval request for Sam Beasley Rd has been removed from the agenda.

Public Hearing – None

Old Business – None

NEW BUSINESS

- Final Plat for a 5-lot subdivision of 5.8 acres by Fleming Homes on Sulphur College Rd (Map 018 Parcels 004.42, 004.43, 004.44) in the 7th Civil District.**

Bo Agee with Agee Land Surveying presented the final plat for a 5-lot subdivision. David Nollner made a motion to approve the final plat. Seconded by Arthur Harper. None opposed.

MOTION CARRIED

DISCUSSION – None

Closing Remarks

- Chairman Kerr told the Planning Commission members that on the previous Friday, Mayor Jack McCall called him in to sit in on interviews for the Building Inspector position. Chairman Kerr stated that there were three finalists for the position. Two out of three candidates did not show up for their interview. Mayor McCall will meet with the County Commissioners in January to discuss the decision to be made.
- Ms. Myhan reminded the Planning Commission members about the required 4 hours of training required each year. Ms. Myhan also reminded members to complete the Statement of Ethics required each year.

Adjourn

- David Nollner made a motion to adjourn. Seconded by Heather Bay. None opposed

MOTION CARRIED



Rezoning Permit Application

Date: 01/07/2025

Applicant / Owner

Applicant Type:
Applicant Name: Matthew Carman
Address:
City, State, Zip:
Phone:
Email: carmana@realtracs.com

Owner Name: Joann Adams
Owner Phone:
Owner Email:

Property

Site Address: Sleepy Hollow Rd
City, State, Zip: Hartsville, TN, 37074
Current Zoning: A1
Requested Zoning: R-1
Lot Size: 1.91 Acres
Road Frontage: Approx. 294'
Easements: None
Tax Map #: Map 19

Group: 0
Parcel: 19.01
Record/Deed Book: 41/234
Subdivision Name: Unknown
Phase:
Lot #: 4
Water Source: Hartsville / Trousdale Water
Dept.
Sewer/Septic: Septic

Reason: To make sure that the parcel meets current zoning codes to qualify as a residential building tract

I do hereby certify that the information contained herein is true and correct.

Matthew Carman

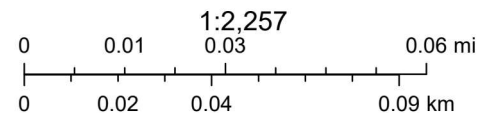
Date

Trousdale County - Parcel: 019 019.01



Date: January 12, 2025

County: TROUSDALE
Owner: ADAMS WILBER AND JOANN ADAMS
Address: SLEEPY HOLLOW LN
Parcel ID: 019 019.01
Deeded Acreage: 1.9
Calculated Acreage: 0
Vexcel Imagery Date: 2023



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The property lines are compiled from information maintained by your local county Assessor's office but are not conclusive evidence of property ownership in any court of law.



Planning/BZA Permit Application

Date: 01/07/2025

Permit #: 25005

Applicant / Owner

Applicant Name: Mike Dies
Address: 5340 Johnson Rd
City, State, Zip: Westmoreland TN 37186
Phone: [REDACTED]
Email: diesconstruction@yahoo.com
Type: Contractor

Owner Name: Tennessee Central Economic
Development
Address: 200 Smith Way
City, State, Zip: Hartsville Tn 37074
Phone: [REDACTED]
Email: [REDACTED]

Project

Permit Type: Zoning - Planning / BZA
Status: Online Submission
Location:
Tax Map #: 034
Group: 0
Parcel: 022.00
Record/Deed: 00

Subdivision:
Phase:
Lot #:
Request Type: Site Plan
Water Source: Hartsville / Trousdale Water
Dept.
Sewer / Septic: Sewer
Zoning District: M2

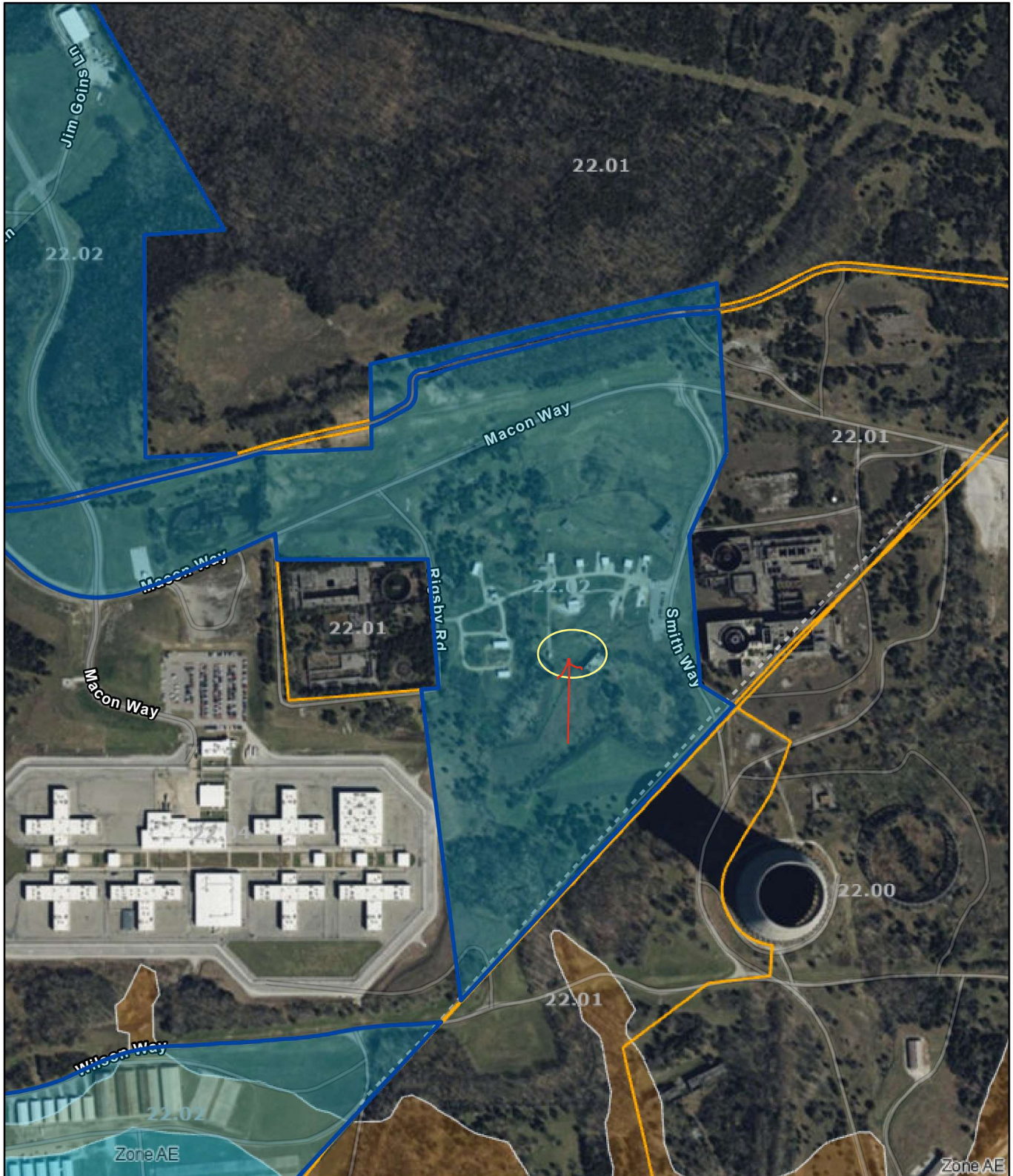
Project Description: Site Plan For ARC Flow Coater

I do hereby certify that the information contained herein is true and correct.

Mike Dies

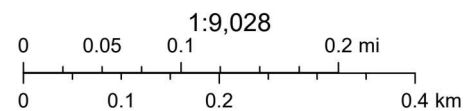
Date

Trousdale County - Parcel: 034 022.02



Date: January 8, 2025

County: TROUSDALE
Owner: FOUR LAKE REGIONAL DEVELOPMENT AUTHORITY
Address: TROUSDALE WAY
Parcel ID: 034 022.02
Deeded Acreage: 412.42
Calculated Acreage: 0
Vexcel Imagery Date: 2023



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A NEW FLOW COAT FACILITY FOR :
ARC AUTOMOTIVE INC.
200 SMITH WAY
HARTSVILLE, TENNESSEE 37074

PLAN DATE: _____ DECEMBER 27, 2024

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PROJECT TEAM

CONTRACTOR	LEWIS BEASLEY	BEASLEY CONSTRUCTION
STRUCTURAL	GARY BOUTON	BOUTON ENGINEERING
MECHANICAL	ROB NIXON	MONTGOMERY ENGINEERING
ELECTRICAL	ROB MONTGOMERY	
PLUMBING	ROB NIXON	
FIRE PROTECTION	WAYNE KING	DESIGN DEVELOPMENT, LLC

PROJECT SUMMARY

FLOW COAT BUILDING P1 WILL RECEIVE GRANULATE FROM SEPARATE STRUCTURE. THIS MATERIAL WILL BE PRESSED INTO GRAN CONFIGURATIONS USING REMOTELY OPERATED MECHANICAL PRESSES IN THE PRESS BAYS. AFTER PRESSING, LOT SAMPLING AND QUALITY CHECKS WILL BE PERFORMED. IN THE LAB, THE PRESSED GRANS WILL BE SHIPPED TO THE STORAGE MAGAZINE TO HOLD FOR SHIPMENT.

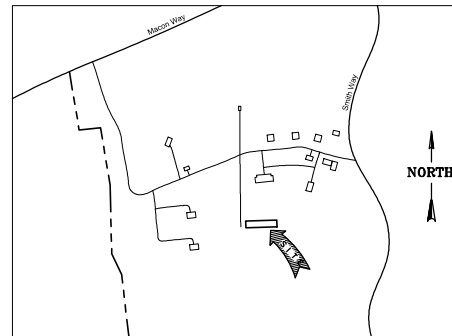
FLOW COAT BUILDING IS CONSIDERED A HIGH HAZARD GROUP H. ALL ENERGETIC PROCESSING EQUIPMENT WILL BE OPERATED REMOTELY. THE RECEIVED GRANULATE WILL HAVE AN EXPLOSIVE CLASSIFICATION OF 1.1 (HIGH EXPLOSIVE). THE PRESSED GRANS WILL HAVE AN EXPLOSIVE CLASSIFICATION OF 1.3 (LOW EXPLOSIVE).

FLOW COAT BUILDING WILL HAVE A SPRINKLER SYSTEM AND SAFETY EXIT DOORS. THE EXTERIOR WALL OF THE PRESS BAYS WILL BE "BLOW OFF" PANELS TO PREVENT OVER PRESSURIZATION OF THE BUILDING IF THERE IS AN EVENT.

CODE ANALYSIS

BUILDING CODE:	2012 INTERNATIONAL BUILDING CODE
ACCESSIBILITY CODE:	2010 ADA STANDARDS FOR ACCESSIBLE DESIGN
ENERGY CODE:	2012 INTERNATIONAL ENERGY CONSERVATION CODE
FIRE CODE:	2012 INTERNATIONAL FIRE CODE
MECHANICAL CODE:	2012 INTERNATIONAL MECHANICAL CODE
PLUMBING CODE:	2012 INTERNATIONAL PLUMBING CODE
ELECTRICAL CODE:	2017 NFPA 70 NATIONAL ELECTRICAL CODE
CONSTRUCTION TYPE:	TYPE IIB SPRINKLERED UNPROTECTED
OCCUPANCY GROUP:	HIGH HAZARD H-4
NUMBER OF STORES ALLOWED [TABLE 504.4]:	1
NUMBER OF STORES PROPOSED:	1
HEIGHT OF BUILDING ALLOWED [TABLE 504.3]:	55ft
HEIGHT OF BUILDING PROPOSED:	17.5ft
BUILDING PROPOSED SQUARE FOOTAGE:	H-1 : 4,200sf
BUILDING ALLOWABLE SQUARE FOOTAGE [TABLE 506.2]:	H-1 : 7,000sf

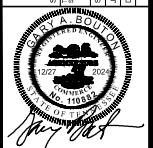
VICINITY MAP

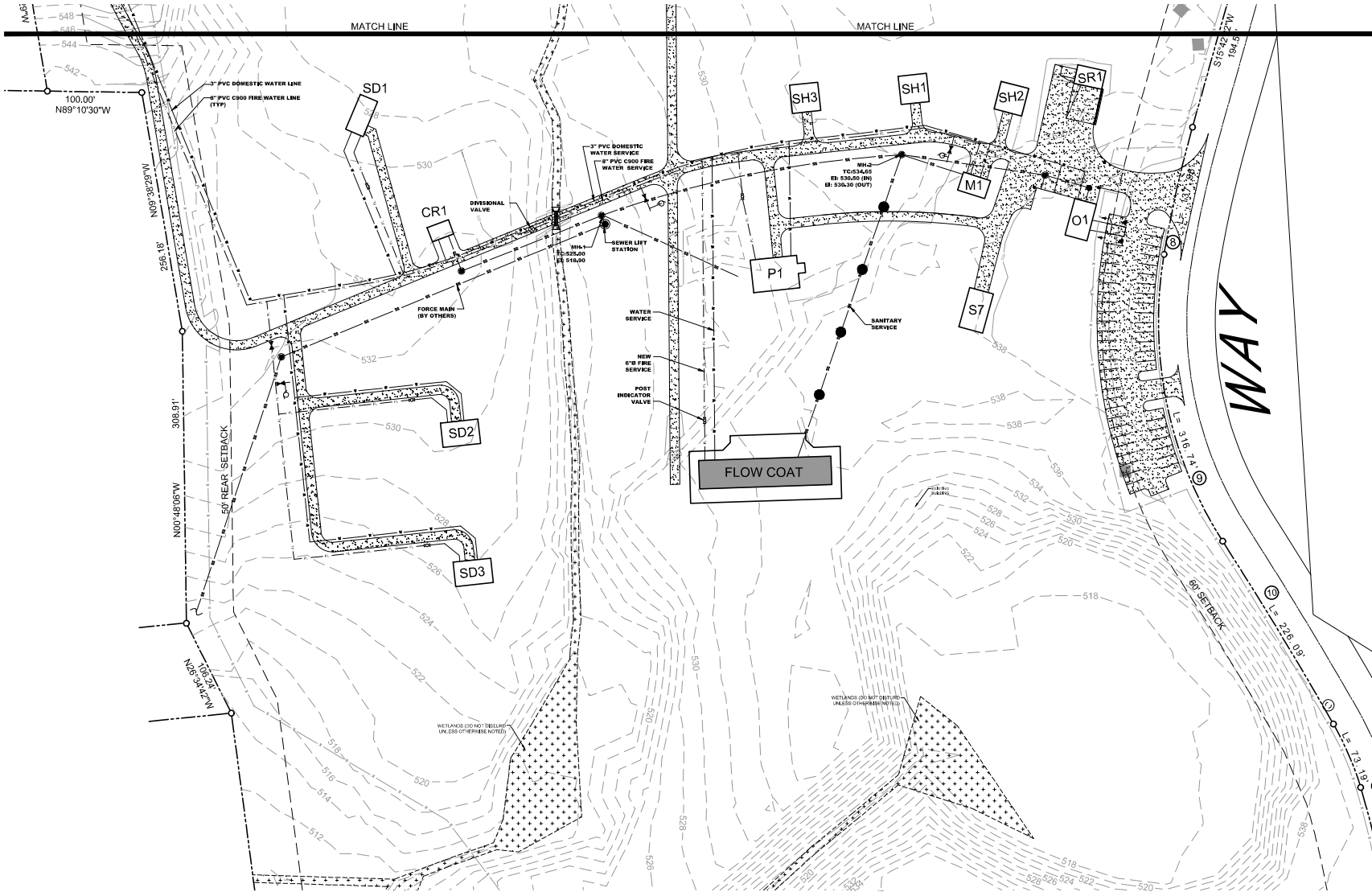


ARC FLOW COAT BUILDING
200 SMITH WAY
HARTSVILLE, TN 37074

BOUTON
ENGINEERING
Structural & Civil Consulting

REVISIONS	1	2	3	4	5	6	7	8	9
CV									
SHEET	1	2	3	4	5	6	7	8	9
COVER SHEET									
SCALE	AS NOTED								
DATE	12/27/2024								
JOINED	24/15								
DRAWN BY	GAB								





HYDRANT FLOW TEST (HYDRANTS FH1 & FH2 IDENTICAL)
 PARTY RESPONSIBLE FOR TEST: AE FIRE PROTECTION (MATT S.)
 TIME FLOWED: 1:09PM
 STATIC READING: 125psi
 RESIDUAL READING: 75psi
 PITOT READING: 70psi
 FLOW: 1,408gpm @ 0.9 COEFFICIENT
 HYDRANT SIZE: 5 1/4 AUNA AMERICAN DARLING

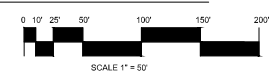
- NOTES:**
1. ALL DOMESTIC WATER LINES SHALL BE 1" PVC UNLESS OTHERWISE NOTED
 2. DOMESTIC WATER LINES SHALL BE SDR 21 PVC
 3. WATER AND SEWER LINES SHALL HAVE A MINIMUM DEPTH OF 3'
 4. SANITARY SEWER LINES SHALL BE SCHEDULE #40 4" PVC UNLESS OTHERWISE NOTED
 5. SANITARY SEWER MAINS SHALL BE 6" SDR35 PVC AND HAVE A MINIMUM SLOPE OF 1:100
 6. CLEANOUTS TO HAVE MAXIMUM SPACING OF 75' LINES
 7. ALL FIRE WATER LINES ARE TO BE CLASS 350 DUCTILE IRON PIPE
 8. ALL VALVES SHALL INCLUDE VALVE BOX AND BLOCKING. ALL BENDS SHALL INCLUDE THRUST BLOCKING OR OTHER MEANS OF RESTRAINT.

LEGEND:

- | | | | |
|--|-----------------------------|--|----------------------------------|
| | PROPOSED BUILDING | | DOMESTIC WATER SERVICE |
| | PROPOSED GRAVEL ACCESS ROAD | | FIRE WATER SERVICE |
| | SETBACK | | SANITARY SEWER SERVICE |
| | FENCE | | SANITARY SEWER MANHOLE |
| | WETLANDS | | FIRE HYDRANT |
| | EXISTING BUILDING | | VALVE |
| | PROPERTY LINE | | PROPOSED SANITARY SEWER CLEANOUT |

1
U-1.0

**ENLARGED
SITE UTILITY PLAN**



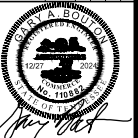
ARC FLOW COAT BUILDING
 200 SMITH WAY
 HARTSVILLE, TN 37074

BOULTON
 ENGINEERING
 Structural & Civil Consulting

REVISIONS	DATE	BY	CHKD
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			

U-1.0

SHEET
 SITE UTILITY PLAN
 SCALE: AS NOTED
 DATE: 12.27.2024
 DRAWN BY: GAB



GENERAL CONCRETE NOTES

1. ALL CONCRETE WORK SHALL CONFORM TO ACI 318 AND ALL LOCAL LAWS AND ORDINANCES.
2. FINISHING CREWS SHALL BE LARGE ENOUGH TO CORRECTLY PLACE, FINISH, AND CURE CONCRETE POUR WITH DUE REGARD TO THE EFFECTS OF TEMPERATURE AND ATMOSPHERIC CONDITIONS. ON THE SETTING TIME OF THE CONCRETE AND THE SIZE OF THE PLACEMENT TO BE COMPLETED.
3. IN COLD WEATHER, ARRANGEMENTS SHALL BE MADE IN ADVANCE FOR HEATING, COVERING, INSULATING, OR ENCLOSED THE CONCRETE. SEE STRUCTURAL ENGINEER FOR RECOMMENDATIONS.
4. IN HOT WEATHER, SPECIAL PRECAUTIONS SHALL BE MADE AGAINST RAPID EVAPORATION, DRYING, & EXCESSIVE HIGH TEMPERATURES. SEE STRUCTURAL ENGINEER FOR RECOMMENDATIONS.
5. FINISH OPERATIONS SHALL NOT BE CARRIED OUT UNTIL SURFACE IS FREE OF BLEED WATER SO AS TO PREVENT SURFACE WEAKENING.
6. CONCRETE IS TO BE PLACED AS CLOSELY AS POSSIBLE TO ITS FINAL POSITION TO PREVENT SEGREGATION.
7. THE USE OF LOW-SLUMP CONCRETE WITH ADEQUATE CEMENT CONTENT & PROPERLY GRADED AGGREGATE SHALL BE USED TO MINIMIZE BLEEDING AND HELP ENSURE A MAINTENANCE-FREE SLAB. AIR ENTRAINMENT SHALL BE USED ON ALL EXTERIOR SLABS AND SLABS EXPOSED TO WEATHER AND/OR DEICING CHEMICALS. TO REFER TO DESIGN MIX SPECIFICATIONS.
8. CONTRACTION JOINTS SHALL BE SAVED AT DESIGN DEPTH WITHIN 4-8 HRS OF CONCRETE PLACEMENT. UNLESS OTHERWISE SPECIFIED, JOINTS SHALL BE A MINIMUM OF 20" O.C. AND AT ALL SLAB STRESS CONCENTRATION POINTS, OR AS INDICATED ON PLANS. JOINTS SHALL BE CUT SQUARE TO SLAB WHENEVER PRACTICAL. JOINT DEPTH SHALL NOT EXCEED ONE-FOURTH OF THE DEPTH OF CONCRETE.
9. A CONCRETE SEALER SHALL BE APPLIED TO ALL SLABS UNLESS OTHERWISE SPECIFIED. CHECK WITH FLOOR FINISHERS TO INSURE SEALER IS COMPATIBLE.
10. EDGE FORMS SHALL BE SET ACCURATELY & FIRMLY TO THE SPECIFIED ELEVATION. SHOULD BE STRAIGHT & FREE FROM WARPS, AND SHOULD HAVE SUFFICIENT STRENGTH TO PREVENT BULGING.
11. FORMWORK & SUBGRADE SHALL BE MOISTENED WITH WATER IN ADVANCE OF PLACING CONCRETE. BUT SHALL NOT HAVE PUDDLES OR WET, SOFT, MUDDY SPOTS WHERE CONCRETE IS PLACED.
12. THE SUBGRADE ON WHICH A SLAB ON GRADE IS TO BE PLACED SHALL BE OF UNIFORM CAPACITY, LEVEL, OR PROPERLY SLOPED, AND FREE OF SOIL, ORGANIC MATTER, AND FROST.
13. VIBRATORY INSERTION TIME SHOULD BE KEPT BETWEEN 5 SECONDS FOR "LOOSE" CONCRETE AND 15 SECONDS FOR "STIFF" CONCRETE.
14. VIBRATORS SHALL NOT BE USED TO MOVE CONCRETE HORIZONTALLY TO PREVENT SEGREGATION.
15. RATE OF CONCRETE PLACEMENT SHALL BE RAPID ENOUGH SO THAT A LAYER OF CONCRETE HAS NOT SET WHEN A NEW LAYER IS PLACED UPON IT TO PREVENT COLD JOINTS. WHEN UNAVOIDABLE, KEYWAYS SHOULD BE USED TO PROVIDE AN ACCEPTABLE JOINT.
16. CONCRETE SHALL NOT BE ALLOWED TO FREE FALL MORE THAN 3 FT. IN ORDER TO PREVENT AGGREGATE SEGREGATION A MECHANICAL TREMIE POURING CHUTE SHALL BE USED TO CONPINE CONCRETE WHEN DROPS OF 3 FT OR MORE ARE ENCOUNTERED.
17. CONTROL AND EXPANSION JOINTS IN ALL FOUNDATION AND RETAINING WALLS SHALL BE NO MORE THAN 50 FEET APART AND SHALL HAVE A 3/4-INCH V-CAMMER ON BOTH SIDES. JOINTS SHALL BE KEVED CONSTRUCTION JOINTS AND SHALL CONSIST OF SLICK GREASED 1/2" X 3/4" DOWELS @ 12" O.C. CENTERED IN THE WALL. SEE PLANS FOR SPECIFIED LOCATIONS.
18. CONCRETE MIX DESIGNS SHALL PRODUCE A COMPRESSIVE STRENGTH MEETING OR EXCEEDING DESIGN COMPRESSIVE STRENGTH f_c AS SHOWN BELOW:

DESIGNATION	f_c	SLUMP	MAX. W/C RATIO
SLAB ON GRADE			
INTERIOR	3,500 psi	3 in.	0.55
EXTERIOR	4,000 psi	3 in.	0.45
ELEVATED SLAB	3,500 psi	3 in.	0.55
FOOTINGS	3,500 psi	3 in.	0.55
RETAINING FOUNDATION WALL	4,000 psi	3 in.	0.45

PRE-ENGINEERED BUILDING NOTES

1. PRE-ENGINEERED METAL BUILDING MANUFACTURER SHALL PROVIDE ALL STRUCTURAL ENGINEERING DESIGN ASSOCIATED WITH AND REQUIRED FOR THE PRE-ENGINEERED METAL BUILDING. STAMPED WORKING DRAWINGS AND DESIGN DATA SHALL BE SUBMITTED TO THE A/E PRIOR TO FABRICATION. FABRICATION SHALL NOT COMMENCE UNTIL APPROVAL IS RECEIVED FROM OWNER AND A/E.
2. PRE-ENGINEERED METAL BUILDING SHALL BE DESIGNED PER THE LOCAL AUTHORITYATIVE JURISDICTION OR CODES REFERENCED ON THE ARCHITECT'S COVER PAGE, WHICHEVER IS MOST STRINGENT.

GENERAL CONCRETE REINFORCING NOTES

1. REINFORCING BARS SHALL CONFORM TO ASTM A615 OR A706 GRADE 60 STEEL. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185.
2. REINFORCING PLACEMENT SHALL BE APPROVED BY THE STRUCTURAL ENGINEER PRIOR TO PLACEMENT OF CONCRETE.
3. UNLESS OTHERWISE NOTED ON PLANS, REINFORCEMENT SPLICES SHALL NOT BE LESS THAN 24 BAR DIAMETERS. SPLICES MADE IN BOTTOM STEEL SHALL OCCUR AT SUPPORTS. SPLICES MADE IN TOP STEEL SHALL OCCUR AT MIDSPAN.
4. WELDED WIRE FABRIC SHALL BE LAPPED ONE FULL MESH WITH ENDS SECURELY TIED.
5. PROVIDE CORNER BARS AT ALL CONTINUOUS FOOTING INTERSECTIONS AND WALL CORNERS. BARS SHOULD BE AT MINIMUM THE SAME SIZE AND SPACING AS THE REINFORCING IN ADJOINING WALL OR FOOTING.
6. ALL CONCRETE ACCESSORIES SUCH AS SLAB BOLSTERS & CHAIRS SHALL BE METAL OR STRUCTURAL PLASTIC (OR CONCRETE BLOCKS WHEN APPROVED BY ENGINEER OF RECORD). CLAY BRICKS AND ROCKS ARE NOT AN ACCEPTABLE MEANS OF SUPPORTING REINFORCING.
7. ALL REINFORCING SHALL BE IN ACCORDANCE WITH ACI 318 AND ALL LOCAL LAWS AND ORDINANCES.
8. CONCRETE COVER SHALL BE PROVIDED AS FOLLOWS:

DESIGNATION	NOT EXPOSED TO EARTH OR WEATHER	EXPOSED TO EARTH OR WEATHER	CAST AGAINST EARTH
SLABS, JOISTS, WALLS	3/4 in.	1-1/2 in.	3 in.
FOOTINGS	-	2 in.	3 in.
BEAMS, COLUMNS, PEDESTALS, TENSION TIES	1-1/2 in.	2 in.	3 in.

GENERAL STRUCTURAL STEEL NOTES

1. ALL STRUCTURAL STEEL SHALL CONFORM TO THE NINTH EDITION OF THE AISC MANUAL OF ALLOWABLE STRESS DESIGN.
2. ALL STRUCTURAL STEEL WIDE FLANGE MEMBERS SHALL BE ASTM A992 GRADE 50. ALL STEEL PIPE SECTIONS SHALL BE ASTM A53 GRADE B. ALL ANCHOR RODS SHALL BE ASTM F1554 GRADE 36 OR 38. ALL OTHER PLATES, ANGLES, CHANNELS, AND OTHER STRUCTURAL SHAPES SHALL BE GRADE A36 OR A572 GRADE 50.
3. ALL BOLTED BEARING TYPE CONNECTIONS SHALL BE MADE WITH 3/4"Ø ASTM A325N TYPE BOLTS TIGHTENED TO THE "SNUG TIGHT" CONDITION.
4. ALL ANCHOR BOLTS SHALL BE ASTM F1554 GRADE 50 HEADED RODS. CONNECTIONS SHALL BE MADE WITH STANDARD ASTM A36 ROUND WASHERS AND ASTM A563 NUTS. MINIMUM EMBEDMENT LENGTH SHALL BE 9".
5. THREADS ON ALL BOLTS AND RODS SHALL CONFORM TO THE UNITED STANDARD SERIES OF ANSI B18.1 AND SHALL HAVE CLASS 2A TOLERANCES.
6. ALL WELDING SHALL BE DONE BY CERTIFIED WELDERS USING ASTM E70 ELECTRODES.
7. WHEN WELDS ARE NOT CALLED OUT ON DRAWINGS, THEY ARE TO BE MINIMUM WELD SIZE CONTINUOUS WELDS IN ACCORDANCE WITH AWS D1.1. FILLET WELDS NOT SPECIFIED TO LENGTH SHALL BE CONTINUOUS.
8. PROVIDE FILLET WELDS AT ALL CONTACT JOINTS BETWEEN STEEL MEMBERS SUFFICIENT TO DEVELOP THE ALLOWABLE TENSILE STRENGTH OF THE SMALLER MEMBER AT THE JOINT.
9. METAL FORM DECK, ROOF DECK, AND CORRUGFORM JOINTS SHALL BE MADE OVER THE TOP CHORD OF A JOIST OR THE TOP FLANGE OF A STEEL BEAM FOR PROPER ANCHORAGE.

LIVE LOAD VALUES

- | | |
|-------------------------|--|
| 1. FLOOR LIVE LOADS: | MANUFACTURING.....125psf |
| 2. ROOF LIVE LOADS: | ROOF.....20psf |
| 3. RISK CATEGORY: | RISK CATEGORY.....II |
| 4. WIND LOADS: | EXPOSURE CATEGORY.....B
WIND SPEED.....115mph
IMPORTANCE FACTOR I_w 1.0
INTERNAL PRESSURE COEFFICIENT.....±0.18
TOPOGRAPHICAL FACTOR K_{zt} 1.00 |
| 5. SNOW LOAD: | GROUND SNOW LOAD.....10psf
FLAT ROOF SNOW LOAD.....10psf
SNOW EXPOSURE CATEGORY.....1.0
SNOW LOAD IMPORTANCE FACTOR.....1.0
THERMAL FACTOR.....1.0 |
| 6. GUARDRAIL LIVE LOAD: | CONCENTRATED LOAD.....200 lbs
UNIFORM LOAD.....50psf |

GENERAL LIGHT GAUGE METAL FRAMING NOTES

1. ALL LIGHT GAUGE STEEL FRAMING SHALL CONFORM TO THE AMERICAN IRON AND STEEL INSTITUTE'S DESIGN AND CONSTRUCTION GUIDELINES, PUBLICATION NO. RD-994a, JUNE 1993.
2. ALL COLD-FORMED STEEL MEMBERS SHALL BE ZINC COATED IN ACCORDANCE WITH ASTM A924/94s.
3. ALL FRAMING MEMBERS SHALL BE FORMED FROM CORROSION RESISTANT STEEL, CONFORMING TO THE REQUIREMENTS OF ASTM A653.
4. TWO STUDS SHALL BE PROVIDED ON EACH SIDE OF WINDOW AND DOOR OPENINGS IN NON-LOAD BEARING WALLS. PROVIDE A MINIMUM OF THREE STUDS ON EACH SIDE OF OPENINGS IN LOAD BEARING WALLS.
5. THE CONTRACTOR SHALL SUBMIT FABRICATION AND ERECTION DRAWINGS TO THE STRUCTURAL ENGINEER FOR APPROVAL PRIOR TO FRAMING FABRICATION.
6. AXIALLY LOADED STUDS SHALL BE INSTALLED IN A MANNER IN WHICH THE INSIDE WEBB OF THE STUD WILL BE IN CONTACT WITH THE RUNNER PRIOR TO FASTENING.
7. FASTEN COMPONENTS WITH CORROSION-RESISTANT SELF DRILLING SCREWS. ALL WELDS SHALL BE TOUCHED UP WITH CORROSION-RESISTANT ZINC PAINT.
8. ALL FRAMING COMPONENTS SHALL BE ALIGNED, PLUMBED, AND LEVELED.
9. RUNNERS SHALL BE SECURELY ANCHORED TO THE SUPPORTING STRUCTURE AS SHOWN ON THE DRAWINGS. ATTACHMENT SHALL BE ADEQUATE TO RESIST ALL APPLICABLE GRAVITY AND LATERAL LOADS. IN INSTANCES WHERE A GAP EXISTS BETWEEN THE END OF THE STUD AND THE RUNNER WEB, SHIM PLATES SHALL BE INSERTED AND SECURED TO ENSURE FULL BEARING AT THE END OF THE STUD.
10. TEMPORARY BRACING AND SHORING SHALL BE PROVIDED BY THE LIGHT GAUGE FRAMING CONTRACTOR UNTIL ERECTION IS COMPLETED.
11. RESISTANCE TO BENDING AND ROTATION ALONG THE MINOR AXIS SHALL BE PROVIDED IN ACCORDANCE WITH THE LIGHT GAUGE FRAMING MANUFACTURER'S RECOMMENDATIONS.
12. ALL STRAPS SHALL HAVE $F_y = 50$ ksi.
13. MEMBER SIZES INDICATED IN THE DRAWINGS ARE THE MINIMUM SIZE REQUIRED FOR THE DESIGN LOADS. CONTRACTOR SHALL PROVIDE MINIMUM GAUGE FOR STUDS, JOISTS, BRIDGES, AND BRACING AS REQUIRED FOR THE UL ASSEMBLIES SPECIFIED IN THE STRUCTURAL DRAWINGS.
14. CONTRACTOR SHALL ALLOW PREPUNCHED HOLES IN THE FRAMING MEMBERS FOR PLUMBING AND ELECTRICAL CONDUITS.
15. DESIGN ALL CONNECTIONS OF FRAMING MEMBERS TO EACH OTHER AND TO THE REST OF THE STRUCTURE UNLESS SPECIFICALLY DETAILED ON THE DRAWINGS.

GENERAL SOIL BEARING NOTES

1. THE SOIL BEARING CAPACITY ON THIS PROJECT WAS ASSUMED TO BE 2,500 POUNDS PER SQUARE FOOT. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE STRUCTURAL ENGINEER OF ANY UNSUITABLE OR NONHOMOGENEOUS SOIL CONDITIONS.

GENERAL NOTES

1. STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH ARCHITECTURAL DRAWINGS FOR BIDDING AND CONSTRUCTION. CONTRACTOR SHALL VERIFY DIMENSIONS AND CONDITIONS FOR COMPATIBILITY AND SHALL NOTIFY ARCHITECT OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.
2. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS PRIOR TO COMMENCING WORK AND DETERMINE LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO COMMENCING EXCAVATION AND NOTIFY ARCHITECT OF DISCREPANCIES AND CONFLICTS.
3. CONTRACTOR SHALL PROVIDE TEMPORARY BRACING FOR THE STRUCTURE AND STRUCTURAL COMPONENTS UNTIL ALL FINAL CONNECTIONS HAVE BEEN COMPLETE IN ACCORDANCE WITH THE PLANS.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SAFETY PRECAUTIONS AND THE METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES REQUIRED TO PERFORM THE WORK. THE STRUCTURAL ENGINEER HAS NO OVERALL SUPERVISION, AUTHORITY OR ACTUAL, AND/OR DIRECT RESPONSIBILITY FOR THE SPECIFIC WORKING CONDITIONS AT THE SITE AND/OR FOR ANY HAZARDS RESULTING FROM THE ACTIONS OF ANY TRADE CONTRACTOR. THE STRUCTURAL ENGINEER HAS NO DUTY TO INSPECT, SUPERVISE, NOTE, CORRECT, OR REPORT ANY HEALTH OR SAFETY DEFICIENCIES OF THE OWNER, CONTRACTORS, OR OTHER ENTITIES OR PERSONS AT THE PROJECT SITE.

IBC Seismic Loads

ARC Flow Coat Building
Hartsville, TN

Calculation Procedure is Based on Chapter 1613 of the 2012 International Building Code
And is in accordance with ASCE 7-10

- | | | |
|---|-------------------------------|-------------------|
| 1. Seismic Hazard Exposure Group: | Group II | [TABLE 1.5-1] |
| Occupancy Importance Factor: | $I = 1.0$ | [TABLE 1.5-2] |
| 2. Site Classification | Class D | [TABLE 20.3-1] |
| 3. Mapped Spectral Response Acceleration: | $S_s = 0.27$ | [FIGURE 22-1] |
| | $S_1 = 0.12$ | [FIGURE 22-2] |
| 4. Site Coefficients | $F_a = 1.38$ | [TABLE 11.4-1] |
| | $F_v = 2.32$ | [TABLE 11.4-2] |
| 5. MCE Spectral Response Accelerations | $S_{ms} = 0.43$ | [EQUATION 11.4-1] |
| | $S_{m1} = 0.28$ | [EQUATION 11.4-2] |
| 6. Spectral Response Coefficients: | $S_{ds} = 0.29$ | [EQUATION 11.4-3] |
| | $S_{d1} = 0.19$ | [EQUATION 11.4-4] |
| 7. Seismic Design Category: | Category B | [TABLE 11.6-1] |
| 8. Basic Structural System: | Moment-Resisting Frame System | [TABLE 12.2-1] |
| 9. Seismic Restraint System: | Steel Ordinary Moment Frame | [TABLE 12.2-1] |
| 10. Response Modification Factor: | $R = 3.5$ | [TABLE 12.2-1] |
| 11. Ductility Amplification Factor: | $C_u = 3.0$ | [TABLE 12.2-1] |
| 12. Seismic Response Coefficient | $C_s = 0.0829$ | [EQUATION 12.8-2] |
| 13. Building Weight: | $W = 708,000$ lbs | [SECTION 12.7.2] |
| 14. Design Base Shear: | $V = 58,622$ lbs | [EQUATION 12.8-1] |

ARC FLOW COAT BUILDING

200 SMITH WAY

HARTSVILLE, TN 37074

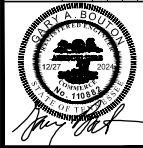
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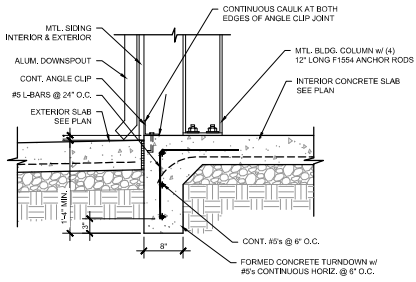


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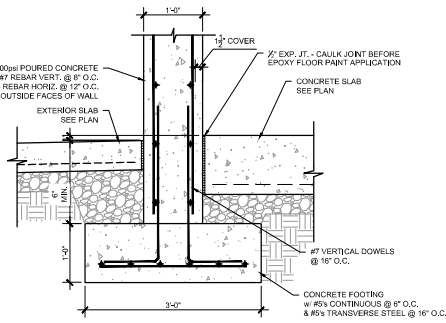
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S-0.0	SHEET	SCALE: AS NOTED	DATE: 12/27/2024
			JOINED: 24/15
			DRAWN: GAB
			CHKD: GAB

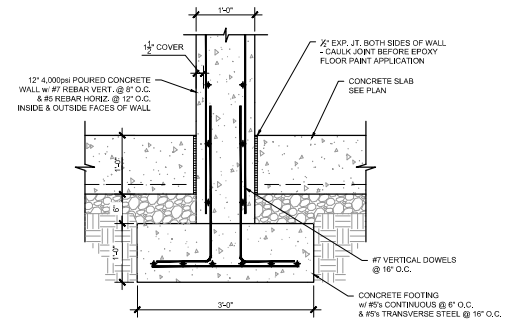




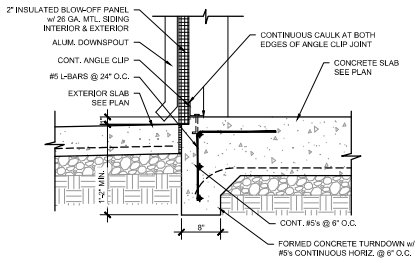
1
DETAIL
EDGE OF SLAB
S-2.0 SCALE: 1" = 1'-0"



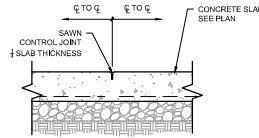
2
DETAIL
EDGE OF SLAB
S-2.0 SCALE: 1" = 1'-0"



3
DETAIL
EDGE OF SLAB
S-2.0 SCALE: 1" = 1'-0"



4
DETAIL
EDGE OF SLAB
S-2.0 SCALE: 1" = 1'-0"



5
DETAIL
CONTROL JOINT
S-2.0 SCALE: 1" = 1'-0"

ARC FLOW COAT BUILDING
200 SMITH WAY
HARTSVILLE, TN 37074

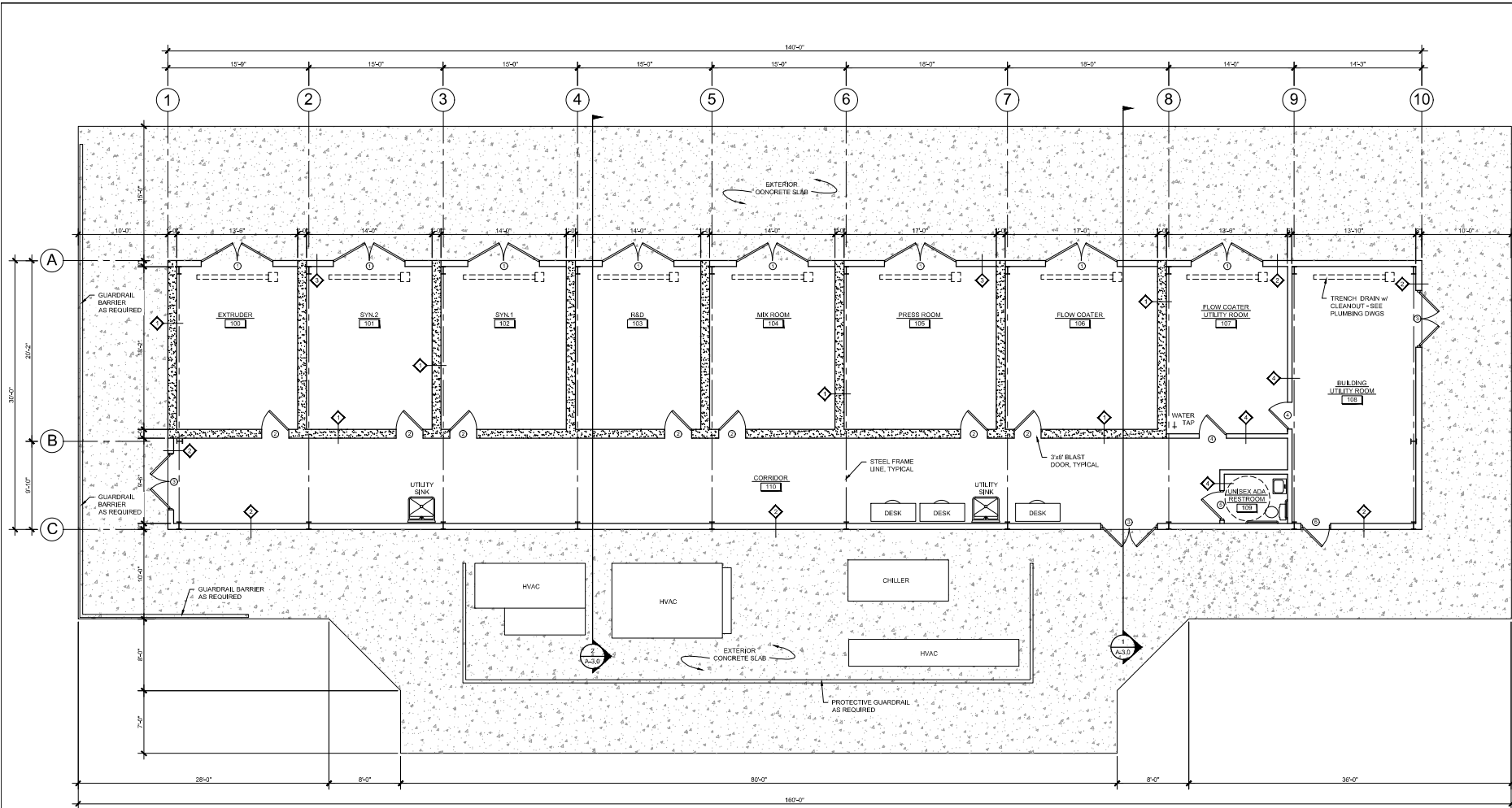
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FOUNDATION DETAILS
SCALE: AS NOTED
DATE: 12.27.2024
DRAWN: GAB





WALL LEGEND

- ◆ BLAST WALL - 12" REINFORCED CONCRETE WALL TO ROOF DECK - SEE STRUCTURAL FOR REINFORCEMENT REQUIREMENTS - WALL TO BE COATED WITH HIGH GLOSS PAINT
- ◆ PRE-ENGINEERED BUILDING WALL - 6" METAL GIRTS, R-13 + R-13ci INSULATION, EXTERIOR METAL PANELS, INTERIOR METAL LINER PANELS TO ROOF DECK
- ◆ PRE-ENGINEERED BUILDING BLOW-OFF WALL - 9" METAL GIRTS, R-13 + R-13ci INSULATION, EXTERIOR METAL PANELS, INTERIOR METAL LINER PANELS TO ROOF DECK
- ◆ INTERIOR WALL - 600S162-33 MTL STUDS @ 16" O.C. W/ R-11 SOUND BATT INSULATION METAL PANELS EACH SIDE TO ROOF DECK

1 FLOOR PLAN
A-1.0 SCALE: 3/8" = 1'-0"



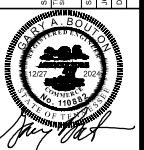
ARC FLOW COAT BUILDING
200 SMITH WAY
HARTSVILLE, TN 37074

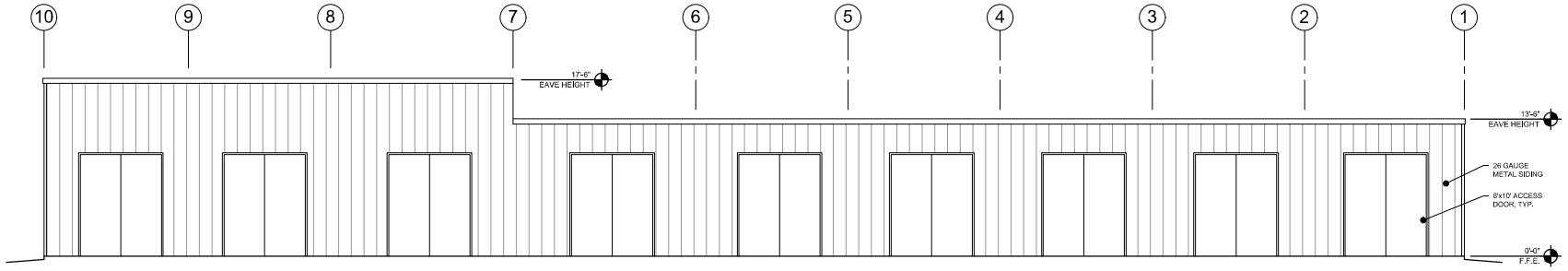
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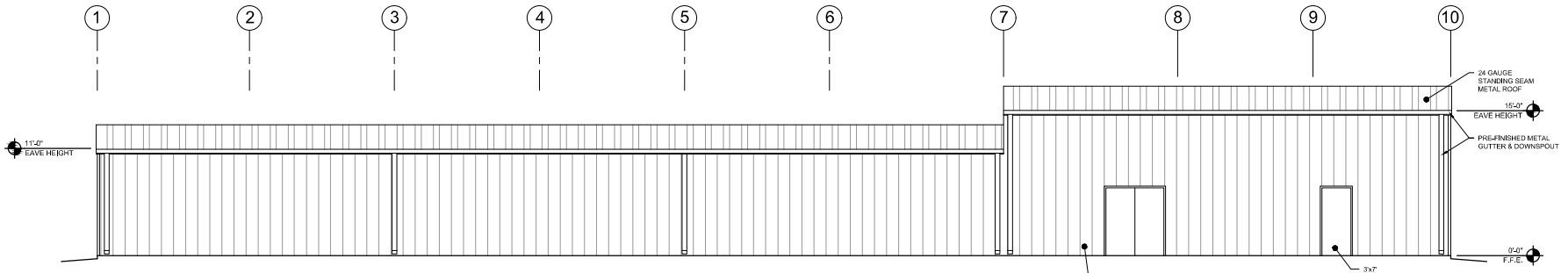
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SHEET
FLOOR PLAN
SCALE: AS NOTED
DATE: 12/27/2024
DRAWN BY: GAB

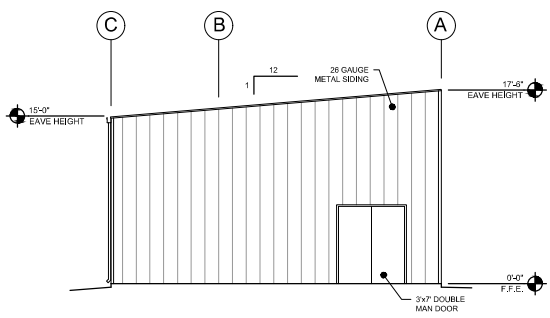




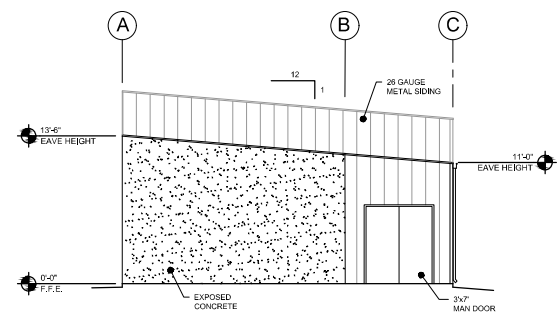
1 SOUTH ELEVATION
SCALE: 3/16" = 1'-0"



2 NORTH ELEVATION
SCALE: 3/16" = 1'-0"



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



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

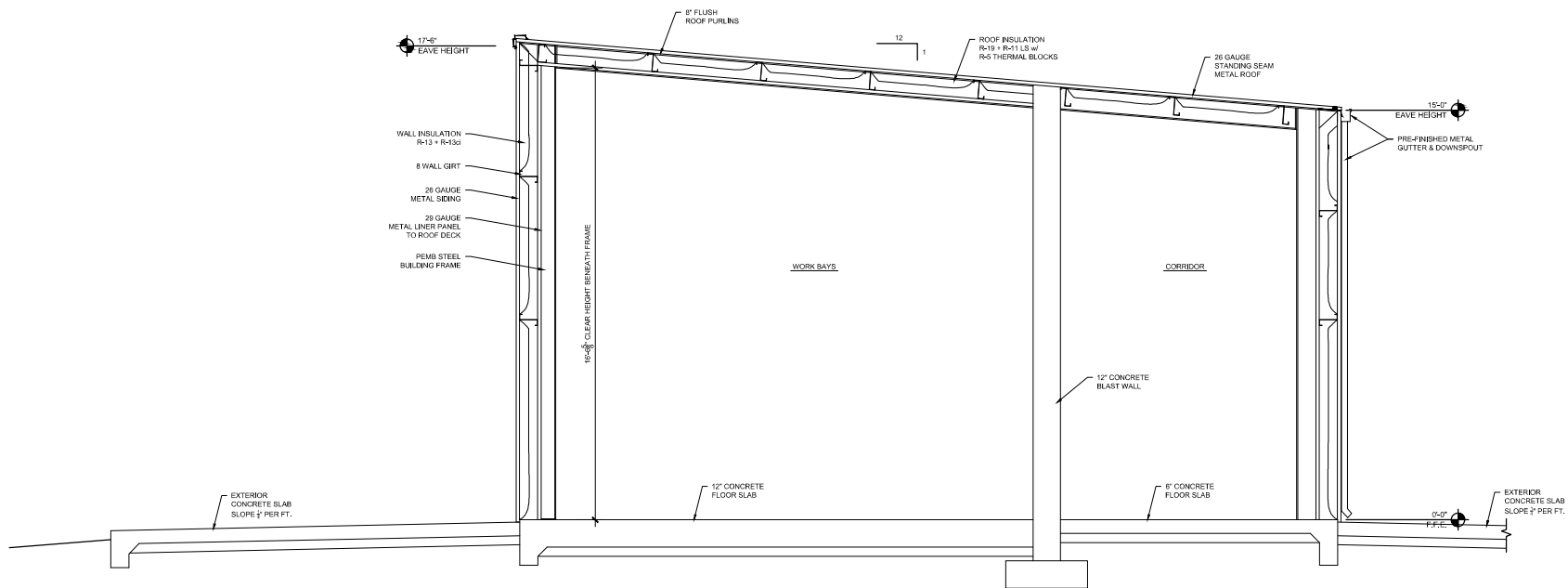
ARC FLOW COAT BUILDING
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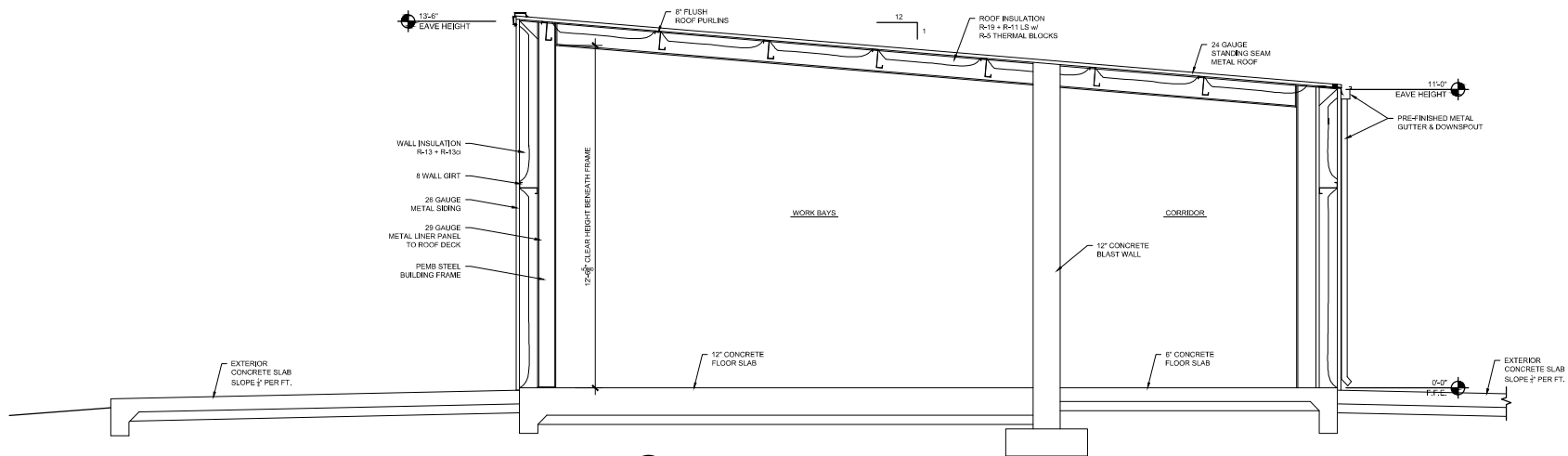
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	SCALE	AS NOTED
	DATE	12.27.2024
	DRAWN BY	GAB





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



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

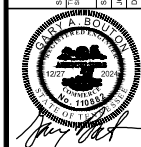
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HARTSVILLE, TN 37074

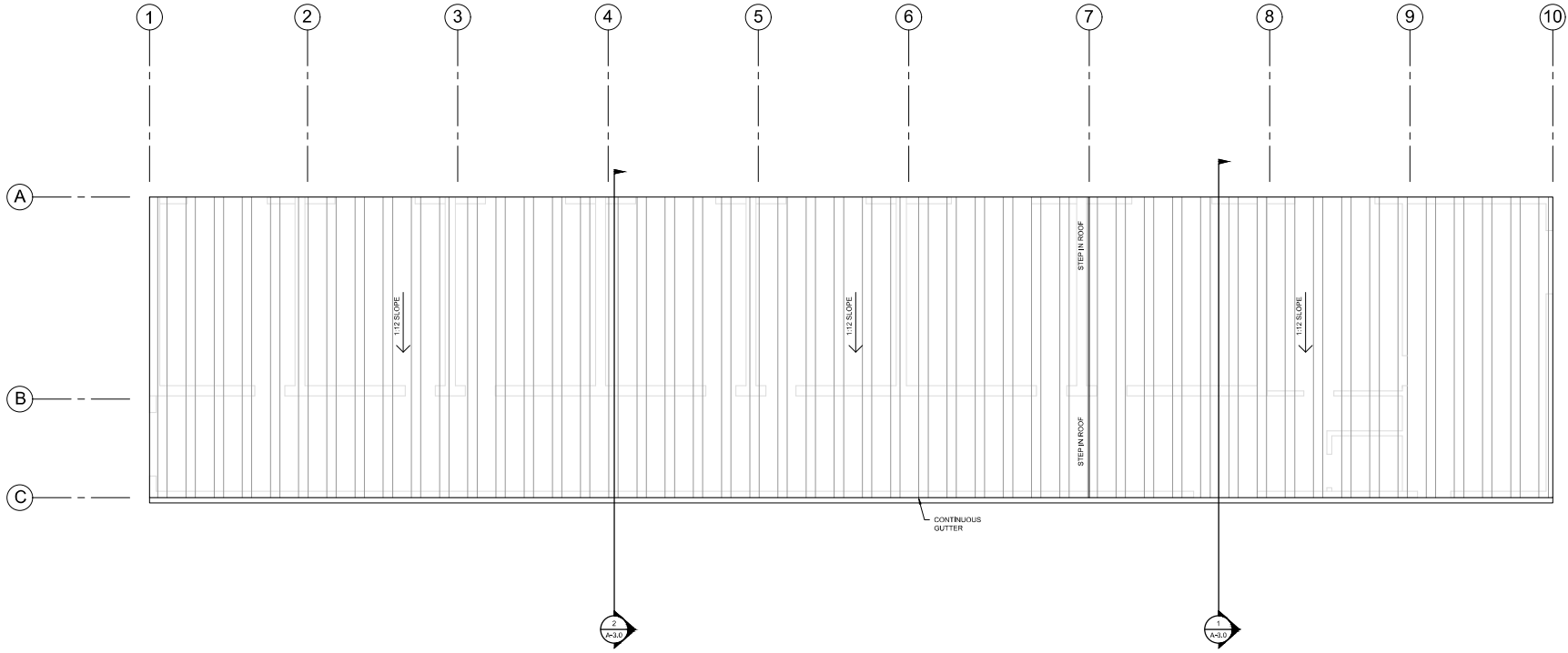
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SHEET
BUILDING SECTIONS
SCALE: AS NOTED
DATE: 12/27/2024
DRAWN: GAB





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



ARC FLOW COAT BUILDING
200 SMITH WAY
HARTSVILLE, TN 37074



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A-4.0	ROOF PLAN
SCALE: AS NOTED	DATE: 12/27/2024
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GENERAL NOTES

1. ALL CONCRETE WALLS SHOWN ARE TO RECEIVE HIGH GLOSS PAINT AFTER ALL JOINTS AND GAPS ARE SEALED WITH CAULKING FOR A TIGHT SEAL. CAULKING PROCESS IS DUE TO THE HAZARD ASSOCIATED WITH AN ENCLOSED WALL CAVITY ACCUMULATING EXPLOSIVE DUST PARTICLES OVER TIME, WHICH HAS THE POTENTIAL TO BECOME HIGHLY EXPLOSIVE. CONTRACTOR TO ALLOW OWNER TO INSPECT CAULK SEAL AND PROVIDE "PUNCH LIST" FOR ANY AREAS THAT ARE NOT FULLY SEALED.
2. ALL DOOR HARDWARE TO BE COMMERCIAL GRADE 2.
3. ALL EXTERIOR DOORS TO HAVE FRAMES INSULATED WITH FOAM. EXPOSED FOAM TO BE SEALED AND PAINTED WITH HIGH GLOSS PAINT.
4. ENTIRE ROOF AND WALL STRUCTURE IS TO BE PAINTED PRIOR TO INSTALLING ROOF AND WALL PANELS SO THAT THE METAL PANEL FINISH ON INTERIOR FACE OF PANELS IS PRE-FINISHED METAL AND NOT PAINT. PAINT TO BE HIGH GLOSS. COLOR SELECTION BY OWNER.

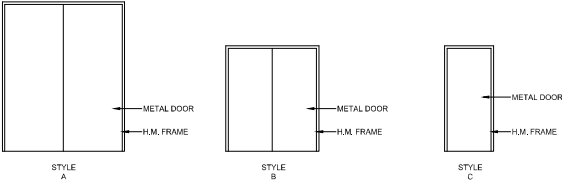
FINISH SCHEDULE

SPACE NUMBER	SPACE	FLOOR	BASE	WALL	CEILING	CEILING HEIGHT	REMARKS
190	EXTRUDER	STATIC DESPATING FLOORING	NONE	INSULATED BLOW-OFF METAL PANELS & CONC.	METAL PANELS	VARIABLE w/ SLOPE	
191	SYN 2	STATIC DESPATING FLOORING	NONE	INSULATED BLOW-OFF METAL PANELS & CONC.	METAL PANELS	VARIABLE w/ SLOPE	
192	SYN 1	STATIC DESPATING FLOORING	NONE	INSULATED BLOW-OFF METAL PANELS & CONC.	METAL PANELS	VARIABLE w/ SLOPE	
193	R&D	STATIC DESPATING FLOORING	NONE	INSULATED BLOW-OFF METAL PANELS & CONC.	METAL PANELS	VARIABLE w/ SLOPE	
194	MIX ROOM	STATIC DESPATING FLOORING	NONE	INSULATED BLOW-OFF METAL PANELS & CONC.	METAL PANELS	VARIABLE w/ SLOPE	
195	PRESS ROOM	STATIC DESPATING FLOORING	NONE	INSULATED BLOW-OFF METAL PANELS & CONC.	METAL PANELS	VARIABLE w/ SLOPE	
196	FLOW COATER	STATIC DESPATING FLOORING	NONE	INSULATED BLOW-OFF METAL PANELS & CONC.	METAL PANELS	VARIABLE w/ SLOPE	
197	FLOW COATER UTILITY ROOM	EPOXY PAINTED CONCRETE	NONE	METAL PANELS/ CONC.	METAL PANELS	VARIABLE w/ SLOPE	
198	BUILDING UTILITY ROOM	EPOXY PAINTED CONCRETE	NONE	METAL PANELS/ CONC.	METAL PANELS	VARIABLE w/ SLOPE	
199	UNSEK MIX RESTROOM	EPOXY PAINTED CONCRETE	NONE	METAL PANELS/ CONC.	METAL PANELS	VARIABLE w/ SLOPE	
200	CORRIDOR	EPOXY PAINTED CONCRETE	NONE	METAL PANELS/ CONC.	METAL PANELS	VARIABLE w/ SLOPE	

DOOR SCHEDULE

MARK	WIDTH	HEIGHT	THICKNESS	MATERIAL	STYLE	LABEL	HARDWARE	REMARKS
1	8'-0"	10'-0"	1-3/4"	INSULATED METAL	A	NONE	1	w/ INSULATED FRAME
2	3'-0"	8'-0"		BLAST DOOR				
3	3'-0" (PHR)	8'-0"	1-3/4"	REINFORCED STEEL	B	NONE	2	
4	3'-0"	7'-0"	1-3/4"	HOLLOW METAL	C	NONE	4	
5	3'-0"	7'-0"	1-3/4"	HOLLOW METAL	C	NONE	5	
6	3'-0"	7'-0"	1-3/4"	HOLLOW METAL	C	NONE	6	

DOOR STYLES



HARDWARE GROUPS

- GROUP 1, 3
6 - HINGES
1 - WEATHERSTRIP
1 - THRESHOLD
2 - PANIC BARS w/ VERTICAL BOLTS
- GROUP 5
3 - HINGES
1 - PRIVACY SET
1 - FLOOR SWEEP
1 - FOAM SEAL STRIP BETW. DOOR & FRAME
- GROUP 4
3 - HINGES
1 - LATCH SET
1 - FLOOR SWEEP
1 - FOAM SEAL STRIP BETW. DOOR & FRAME
- GROUP 6
3 - HINGES
1 - WEATHERSTRIP
1 - THRESHOLD
1 - PANIC BAR w/ VERTICAL BOLTS

ARC FLOW COAT BUILDING
200 SMITH WAY
HARTSVILLE, TN 37074

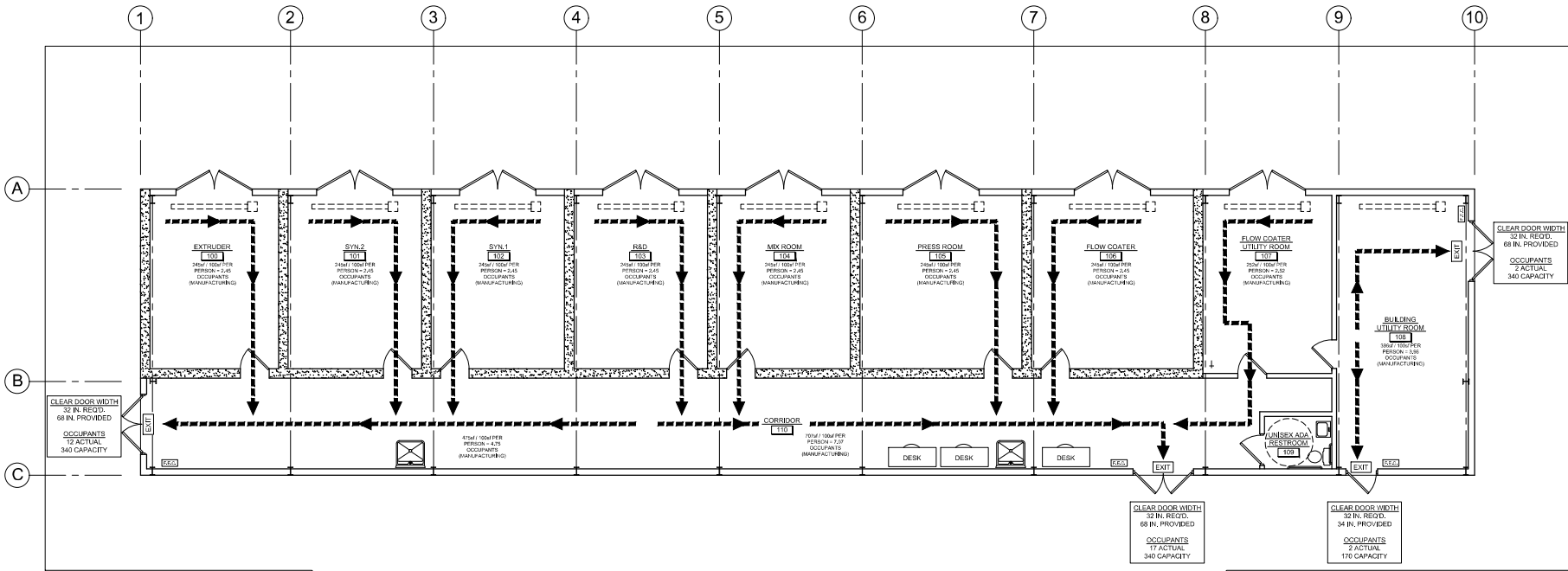


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SHEET
SCHEDULES & DETAILS
SCALE: AS NOTED
DATE: 12/27/2024
DRAWN BY: GAB





1 LIFE SAFETY PLAN
SCALE: 3/8" = 1'-0"



SYMBOL LEGEND	
	COMMON PATH OF EGRESS TRAVEL
	DIRECTION OF EGRESS TRAFFIC
	FIRE EXTINGUISHER CABINET

ARC FLOW COAT BUILDING
200 SMITH WAY
HARTSVILLE, TN 37074

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DATE	12/27/2024
SCALE	AS NOTED
DATE	12/27/2024
OWNER	GAB



WATER PIPE INSULATION THICKNESS IN INCHES						
FLUID TEMP IN °F	PIPE SIZE IN INCHES					
	<1	1 TO <1-1/2	1-1/2 TO <4	4 TO <8	>8	
141 - 200	1.5	1.5	2	2	2	
185 - 110	1.5	1.5	1.5	1.5	1.5	
81 - 101	0	0	0	0	0	
40 - 60	0.5	0.5	1.0	1.0	1.0	
<40	0.5	1.0	1.0	1.0	1.0	

MECHANICAL LEGEND	
	SUPPLY AIR GRILL (180 CFM NOTES)
	SUPPLY AIR DIFFUSER (180 CFM NOTES)
	CEILING EXHAUST FAN
	THERMOSTAT, UNIT 1
	THERMOSTAT, UNIT 1
	MANUAL VOLUME DAMPER
	ELECTRIC UNIT HEATER
	EXHAUST FAN
	ROOF MOUNTED OUTSIDE AIR VENTILATOR
	VERTICAL SUPPLY DUCT

EXHAUST FAN SCHEDULE (EF)						
TAG	DESCRIPTION	CFM	SP	VOLTAGE	GREENHECK CATALOG NUMBER	NOTES
EF-1	CEILING MOUNT	85	125	120	SLP/SLH-1	1,2,7
NOTES						
1. BACKDRAFT DAMPER, CABINET MOUNTED SPEED CONTROL FOR AIR BALANCE ONLY, NOT SWITCHING, SWITCH WITH LIGHT CIRCUIT, LOCAL.						
2. RECTANGULAR ALUMINUM INLET CAP WITH HORIZONTAL VANE SPINES, PART AS DIRECTED BY ARCHITECT.						
3. ALUMINUM ROOF CURB GRILLS WITH ROOF CURB, HORIZONTAL VANE, PART AS DIRECTED BY ARCHITECT.						
4. CEILING INTAKE DAMPER WITH STEEL GRILL AS REQUIRED AT RATED CEILING PENETRATION.						
5. ROOF JACK, FL SERIES, GALVANIZED STEEL CONSTRUCTION WITH BAKED ENAMEL FINISH, BRIDGEWELL, ADAPTER, FLASH AS DIRECTED BY ROOFING CONTRACTOR.						
6. INSTALL A 100 COOLING THERMOSTAT WIRING TO SWITCH IF ON WHEN ROOM TEMPERATURE EXCEEDS SET POINT.						
7. EXHAUST FAN SHALL OPERATE CONTINUOUSLY WHILE BUILDING IS OCCUPIED.						

MECHANICAL SCHEDULE		
TYPE	DESCRIPTION	MANUFACTURER
SAG	SUPPLY AIR GRILL, DUCT MOUNTED, 10"Ø, 8" INLET/8" OUTLET, DOUBLE DEFLECTION, 3/4" SLADE SPACING, #18 WHITE FINISH, PHOSPHOR BRONZE DUCT BODY	TITUS 3009-08
SAD-R	SUPPLY AIR DIFFUSER, 8"Ø, AS NOTED ON DRAWING, SURFACE MOUNT, 3.00" STEEL CONSTRUCTION, DAMPER, #18 WHITE FINISH	TITUS TMR
RV	OUTSIDE AIR INTAKE ROOF VENTILATOR, SPUN ALUMINUM, SLOPED ROOF CURB, ANTI-BACKDRAFT DAMPER, THROAT SIZE NOTED ON DRAWINGS	GREENHECK ORS

GENERAL MECHANICAL NOTES

- ALL DUCT DIMENSIONS ARE INSIDE NET, INCREASE OUTSIDE DUCT SIZE AS REQUIRED TO ACCOMMODATE FITS.
- DUCTWORK SHALL BE CONSTRUCTED OF SHEETMETAL USING STANDARD HVAC DUCT CONSTRUCTION STANDARDS, SEAL JOINTS WITH A RADIOSH SEALANT OR EQUIVALENT, INSULATE WITH 2" DUCTWORK MIN. INS. OUTSIDE DUCT SHALL BE INSULATED WITH MIN. INSULATION IN THE DUCT, SHALL BE PROTECTED AND MADE WATER TIGHT, USE OF EQUIVALENT RIGID DUCT IS APPROVED.
- PROVIDE LOW RESISTANCE ELBOW FITTINGS, INSTALL TURNING VANES IN EXTENSION RECTANGULAR FITTINGS, DO NOT INSTALL DEAD HEAD TEES, DUCT SHALL BE FABRICATED AND INSTALLED IN A MANNER THAT MINIMIZES SYSTEM LOSS.
- MAXIMUM DUCT SUPPORT SPACING IS 10'-0".
- VERIFY DUCT CLEARANCES BEFORE FABRICATION, CHANGE DUCT TO EQUIVALENT SIZE AS REQUIRED BY FIELD CONDITIONS.
- PROVIDE MANUAL VOLUME DAMPERS IN ROUND DUCT TAKEOFF BOOTHS.
- MANUAL FLEXIBLE AIR DUCT LENGTH IS 10' AT DIFFUSER ONLY.
- INSULATE THE TOP OF SUPPLY AIR DIFFUSERS WITH 2" DUCTWORK.
- CONSTRUCT RETURN AIR GRILL PLenums TO MATCH GRILL SIZE, MINIMUM 12" DEEP.
- MAINTAIN MINIMUM CLEARANCE PER MANUFACTURERS RECOMMENDATIONS.
- THE INSTALLATION SHALL BE MADE FREE OF VIBRATION & EXCESSIVE AIR NOISE.
- COORDINATE CEILING GRILLS AND DIFFUSERS WITH ELECTRICAL.
- THE CONTRACTOR SHALL IMMEDIATELY ADVISE THE ENGINEER OF ANY DISCREPANCIES OR CONFLICTS PRIOR TO SUBMITTING RFI.
- THE MECHANICAL DRAWINGS ARE EXPLANATORY IN NATURE AND ONLY INDICATE A GENERAL ARRANGEMENT OF EQUIPMENT AND DUCT, DO NOT SCALE FROM THE DRAWINGS, IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD LOCATE ALL COMPONENTS OF THE MECHANICAL WORK BASED ON COORDINATE WITH MANUFACTURERS INSTALLATION INSTRUCTIONS, AND COORDINATION WITH SITE CONDITIONS AND OTHER TRADES.

100% OUTSIDE AIR HUMIDITY CONTROL UNIT SCHEDULE																	
TAG	PROCESS BLOWER		PROCESS HEATING		PROCESS PRECOOLING		PROCESS POSTCOOLING		REACTIVATION BLOWER		REACTIVATION HEATING		ELECTRICAL		MUNTERS MODEL NUMBER	NOTES	
	OA CFM	HP	KW	MBH	SEER	TOTAL SENS MBH	SEER	TOTAL SENS MBH	SEER	OA CFM	HP	KW	VOLTY/PHASE	VCA			MOHP
DOAS-1	1125	3	18	106.8	35.9	17.8	61.2	88.6	17.8	474	3	25	4803	83	90	10D-115A-6-FCPCPCS	ENERGY RECOVERY WHEEL
1. THERMOSTATS SHALL BE ELECTRONIC, FULLY PROGRAMMABLE WITH SETBACK FEATURES, AND BACKDRAFT SCREEN, EQUAL TO HONEYWELL VISION PRO 8000.																	
2. VERIFY EXACT ELECTRICAL RATINGS PRIOR TO ORDERING EQUIPMENT, CONFIRM REQUIREMENTS WITH ELECTRICAL CONTRACTOR.																	
3. VERIFY EXACT ELECTRICAL RATINGS PRIOR TO ORDERING EQUIPMENT, CONFIRM REQUIREMENTS WITH ELECTRICAL CONTRACTOR.																	
4. VERIFY EXACT ELECTRICAL RATINGS PRIOR TO ORDERING EQUIPMENT, CONFIRM REQUIREMENTS WITH ELECTRICAL CONTRACTOR.																	

100% OUTSIDE AIR UNIT SCHEDULE												
TAG	OA BLOWER		COOLING		HEATING		ELECTRICAL			FRAME MODEL NUMBER		NOTES
	OA	HP	TOT	SEER	EER	SEER	KW	VOL	PHASE	MCA	MOP	
DOAS-2	1700	1	178.4	81.4	11.3	40	4803	68	70	0400017A3		
DOAS-3	1000	1	116.1	61.6	11.8	30	4803	53.5	60	0400017A4		
NOTES												
1. THERMOSTATS SHALL BE ELECTRONIC, FULLY PROGRAMMABLE WITH SETBACK FEATURES, AND BACKDRAFT SCREEN, EQUAL TO HONEYWELL VISION PRO 8000.												
2. VERIFY EXACT ELECTRICAL RATINGS PRIOR TO ORDERING EQUIPMENT, CONFIRM REQUIREMENTS WITH ELECTRICAL CONTRACTOR.												
3. VERIFY EXACT ELECTRICAL RATINGS PRIOR TO ORDERING EQUIPMENT, CONFIRM REQUIREMENTS WITH ELECTRICAL CONTRACTOR.												

WALL EXHAUST FAN SCHEDULE (WEF)									
TAG	TYPE	CFM	HP	DRIVE	VOLT	SIZE	AREA SERVED	GREENHECK CATALOG NUMBER	NOTES
WEF-1	CENTRIFUGAL	300	1.8	DETECT	120	15x15	EXTRUDOR	CUE-080-C	EXPLOSION PROOF (SPARK RESISTANT)
WEF-2	CENTRIFUGAL	300	1.8	DETECT	120	15x15	SVN-2	CUE-080-C	EXPLOSION PROOF (SPARK RESISTANT)
WEF-3	CENTRIFUGAL	300	1.8	DETECT	120	15x15	SVN-1	CUE-100-C	EXPLOSION PROOF (SPARK RESISTANT)
WEF-4	CENTRIFUGAL	375	1.8	DETECT	120	15x15	RKD	CUE-080-C	EXPLOSION PROOF (SPARK RESISTANT)
WEF-5	CENTRIFUGAL	375	1.8	DETECT	120	15x15	MAX	CUE-080-C	EXPLOSION PROOF (SPARK RESISTANT)
WEF-6	CENTRIFUGAL	375	1.8	DETECT	120	15x15	PRSSB	CUE-080-C	EXPLOSION PROOF (SPARK RESISTANT)
WEF-7	CENTRIFUGAL	600	1.8	DETECT	120	15x15	FLOW GUARD	CUE-100-C	EXPLOSION PROOF (SPARK RESISTANT)
WEF-8	CENTRIFUGAL	750	1.8	DETECT	120	15x15	FLOW GUARD	CUE-100-C	EXPLOSION PROOF (SPARK RESISTANT)
WEF-9	CENTRIFUGAL	1200	1.8	DETECT	120	18x18	BLOG UTILITY	CUE-140-C	EXPLOSION PROOF (SPARK RESISTANT)
WEF-10	CENTRIFUGAL	1600	1.1	BEET	120	18x18	CORRODOR	CUE-140-C	EXPLOSION PROOF (SPARK RESISTANT)
NOTES									
CENTRIFUGAL - WALL MOUNT, SPUN ALUMINUM CONSTRUCTION, BACKDRAFT DAMPER									
WALL PROP - PACKAGED WALL FAN, STEEL CONSTRUCTION WITH INTERNAL HOUSING, SHUTTER AND INLET GUARD									

FAN COIL UNIT (FCU)							
TAG	WEIGHT LBS	COOLING CAPACITY BTU/H	CFM	GPM	VOLTS	MCA	MOP
FCU-1	50	7,000	800	4.5	208/1	15	20
FCU-2	220	20,540	7,000	5	208/1	15	20
FCU-3	220	47,867	7,000	6.5	208/1	15	20
NOTES							
1. THERMOSTATS SHALL BE ELECTRONIC, FULLY PROGRAMMABLE WITH SETBACK FEATURES, AND BACKDRAFT SCREEN, EQUAL TO HONEYWELL VISION PRO 8000.							
2. VERIFY EXACT ELECTRICAL RATINGS PRIOR TO ORDERING EQUIPMENT, CONFIRM REQUIREMENTS WITH ELECTRICAL CONTRACTOR.							
3. VERIFY EXACT ELECTRICAL RATINGS PRIOR TO ORDERING EQUIPMENT, CONFIRM REQUIREMENTS WITH ELECTRICAL CONTRACTOR.							

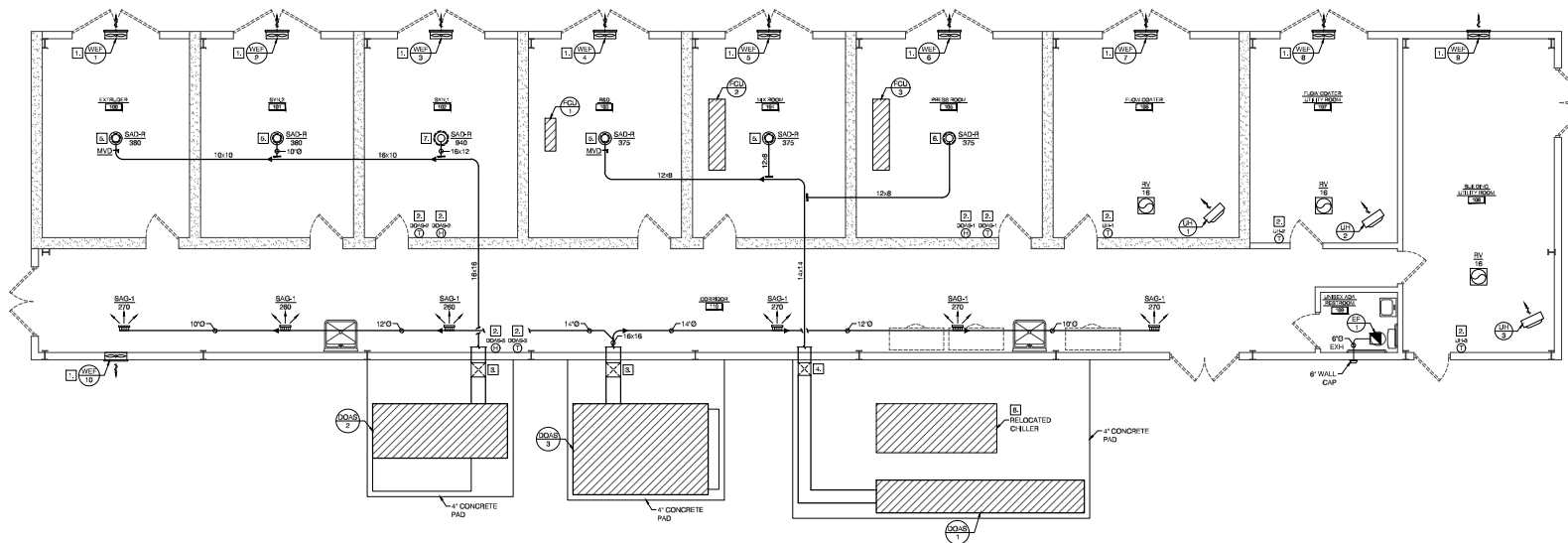
ELECTRIC HEATER SCHEDULE					
TAG	DESCRIPTION	KW	VOLT-PHASE	AMP	MANUFACTURER
UH-1	UNIT HEATER	5	480/3	6	REZNOR EWH-S
UH-2	UNIT HEATER	3	480/3	3.8	REZNOR EWH-S
UH-3	UNIT HEATER	5	480/3	6	REZNOR EWH-S
NOTES					
UNIT HEATERS SHALL BE EQUIPPED WITH POWER FACTOR COR, 240 CONTROL, TRANSFORMER, AND THERMOSTAT					



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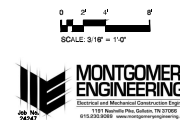
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- MECHANICAL PLAN NOTES**
1. ALL MECH. EQUIPMENT SHALL BE ENCLOSED SO THAT MECH. EQUIPMENT NOISE LEVEL IS OPERATING (BY ELECTRICAL).
 2. MOUNT THERMOSTAT AND HUMIDISTAT TO PLYWOOD BLOCK.
 3. 18"X18" SUPPLY DUCT UP TO ABOVE ROOF.
 4. 14"X14" SUPPLY DUCT UP TO ABOVE ROOF.
 5. 12"X12" SUPPLY DUCT DOWN THRU ROOF.
 6. 10"X10" SUPPLY DUCT DOWN THRU ROOF.
 7. 8"X8" SUPPLY DUCT DOWN THRU ROOF.
 8. CHILLER IS A RELOCATED 35 TON AIR TO WATER CHILLER.

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



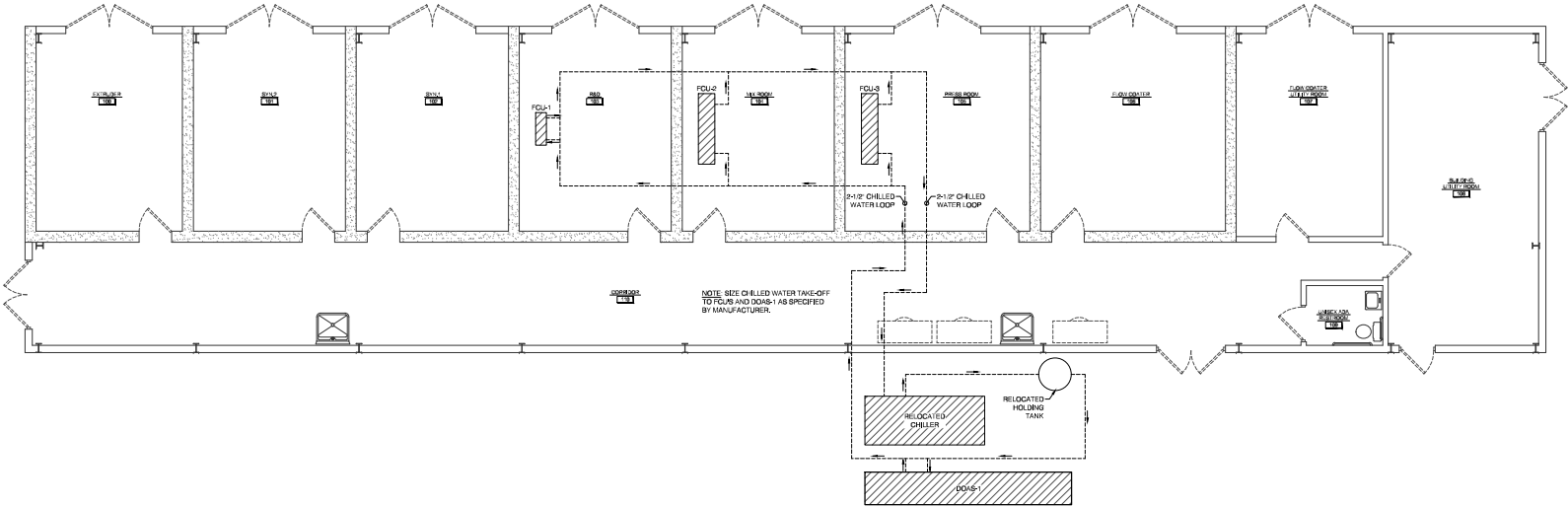
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- MECHANICAL PLAN NOTES**
1. A/C UNIT WILL BE ELECTRICALLY INTERLOCKED SO THAT A/C UNIT B OPERATING WHILE ROAS UNIT IS OPERATING (BY ELECTRICAL).
 2. MOUNT THERMOSTAT AND HUMIDISTAT TO PLYWOOD BLOCK.
 3. 18"x18" SUPPLY DUCT UP TO ABOVE ROOF.
 4. 14"x14" SUPPLY DUCT UP TO ABOVE ROOF.
 5. 18"x18" SUPPLY DUCT DOWN THRU ROOF.
 6. 18"x18" SUPPLY DUCT DOWN THRU ROOF.
 7. 18"x18" SUPPLY DUCT DOWN THRU ROOF.
 8. CHILLER IS A RELOCATED 35 TON A/C TO WATER CHILLER.



MECHANICAL CHILLED WATER PLAN
SCALE: 3/16" = 1'-0"



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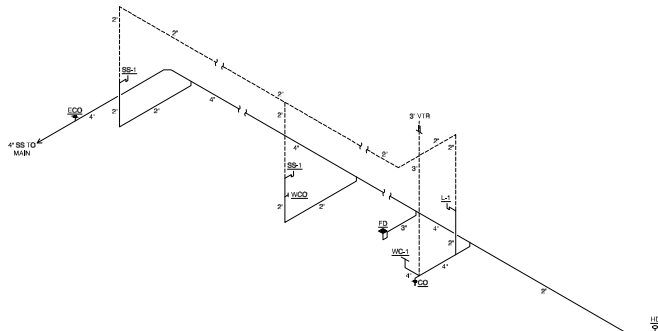
SHEET: MECHANICAL CHILLED WATER PLAN

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

JOIN NO: 24-08 | DATE: 12/27/2024

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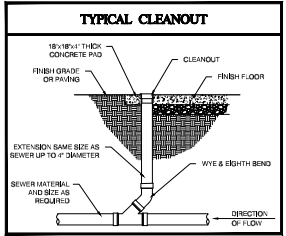




SANITARY SEWER / VENT PIPING ISOMETRIC

INSTANTANEOUS WATER HEATER SCHEDULE (IWH)						
TAG	KW	VOLTAGE	AMPS	RSE @ 2 GPM	MANUFACTURER	NOTES
IWH-1	18	480V	19	90"	EDMAX X170/6/80	
NOTES: 1. 3/8" COMPRESSION WATER CONNECTION LOCATED ON TOP OF UNIT 2. 5 YEAR WARRANTY						

INSTANTANEOUS WATER HEATER SCHEDULE (IWH)					
TAG	KW	VOLTAGE	AMPS	RSE @ 2 GPM	MANUFACTURER
IWH-2	4.1	277	15	90"	EDMAX SPEX-877T
NOTES: 1. 3/8" COMPRESSION WATER CONNECTION LOCATED ON TOP OF UNIT 2. 5 YEAR WARRANTY					



PLUMBING LEGEND	
-----	SANITARY SEWER PIPING
-----	VENT PIPING
-----	UNDER SLAB WATER PIPING
-----	COLD WATER PIPING
-----	HOT WATER PIPING
FD	FLOOR DRAIN
CD	CLEAN-OUT
WCD	WALL CLEAN-OUT
HD	HUB DRAIN
-----	UNION
-----	BALL VALVE
-----	PIPING ELEVATION CHANGE
-----	REDUCED PRESSURE BACKFLOW PREVENTER
-----	INSTANTANEOUS WATER HEATER
-----	TRENCH DRAIN
-----	VENT THRU ROOF (VTR)

PLUMBING SCHEDULE					
TYPE	DESCRIPTION	MANUFACTURER	CONNECTIONS		
			CW	HW	SS
WC-1	WATER CLOSET, FLUSH VALVE TYPE, ADA WHITE VITREOUS CHINA, ELONGATED BOWL, 12\"/>	KOHLER HICHLIFF K-388	1"	1"	4"
L-1	WALL HUNG LAVATORY, ADA, WHITE VITREOUS CHINA, 16-3/4\"/>	KOHLER GREENWICH K-688P	1/2"	1/2"	2"
SS-1	TUB TYPE SERVICE SINK, 30\"/>	MURTEE 18"	1/2"	1/2"	2"
RPSP	REDUCED PRESSURE BACKFLOW PREVENTER, CAST IRON LEAD BRONZE BODY, Y STRAINER, AIR GAP	WILKINS 975AL3-S-AG	1-1/4"	-	-
TD	TRENCH DRAIN, SEE PLANS FOR SIZE, 2" BOTTOM DRIBBLED, END CAP, DRAIN STRAINER, GALVANIZED DUCTILE SLOTTED GRATE, CLASS C, SURE SEAL TRAP SEAL	ZURN 2885-030	-	-	-
GB	CATCH BASIN, 30\"/>	ZURN 2887-030	-	-	-
FD	FLOOR DRAIN, CAST IRON BODY WITH TYPE B POLISHED NODULAR BRONZE STRAINER, SURE SEAL TRAP SEAL	ZURN 214150	-	-	3"
HD	HUB DRAIN, FIELD ASSEMBLY USING 2" PVC, 8\"/>	-	-	-	2"
CD	CLEAN-OUT, CAST IRON BODY WITH POLISHED NODULAR BRONZE TOP	ZURN 214160	-	-	4"
WCD	WALL CLEAN-OUT AND COVER, STAINLESS STEEL PLATE, 6"	ZURN C0556-7	-	-	-
ECO	EXTENSION CLEAN-OUT, CAST IRON BODY WITH HEAVY DUTY SECURED TOP	ZURN 21400	-	-	4"
NOTES: 1. PROVIDE CHROME PLATED SUPPLIES, SINKS, ESCUTCHION PLATES, P-TWINS, OPEN SEATS, ETC. AS REQUIRED FOR A COMPLETE FIXTURE. 2. FIXTURES SHALL BE MANUFACTURERS STANDARD WHITE FINISH. 3. ADA INDICATES THAT FIXTURE AND INSTALLATION SHALL COMPLY WITH THE REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT, SET, SET, AND STRUCTURAL DRAWINGS FOR MOUNTING HEIGHTS.					

WATER PIPE INSULATION THICKNESS IN INCHES					
FLUID TEMP [IN °F]	PIPE SIZE [IN INCHES]				
	<1	1 TO <1-1/2	1-1/2 TO <4	4 TO <8	>8
141 - 200	1.5	1.5	2	2	2
100 - 140	1.0	1.0	1.5	1.5	1.5
61 - 104	0	0	0	0	0
40 - 60	0.5	0.5	1.0	1.0	1.0
<40	0.5	1.0	1.0	1.0	1.0

- GENERAL PLUMBING NOTES
1. WATER PIPING TO FIXTURES IS NOT ALWAYS SHOWN FOR DRAWING CLARITY. REFER TO PLUMBING SCHEDULE FOR PIPING CONNECTIONS FROM FIXTURE TO OVERHEAD WREN. PIPING SHALL BE INSTALLED WITHIN THE HEATED ENVELOPE.
 2. ALL INTERIOR WATER PIPING SHALL BE TYPE L COPPER, JOINED WITH LEADFREE BRASS SOLDER. INSULATE PIPING WITH FIBERGLASS OR ANIMAL FLEX. SEAL JOINTS AND TEARS WITH APPROVED ADHESIVE. EXTERIOR WATER SERVICE PIPING SHALL BE SCHEDULE 40 PVC WITH PRESSURE RATED FITTINGS.
 3. SANITARY SEWER & VENT PIPING SHALL BE SCHEDULE 40 PVC WITH DWV FITTINGS. MINIMUM DRAINAGE SLOPE FOR PIPING 8" & LARGER IS 1/8" PER FOOT, AND 1/4" PER FOOT FOR PIPING 2" UP AND SMALLER.
 4. BED PIPING TRENCHES AS REQUIRED TO MAINTAIN FRY SUPPORT. SLOTTED TRENCHES WITH FRY DRIVES WHEN UNDER CONCRETE.
 5. SANITIZE THE WATER PIPING SYSTEM AS REQUIRED BY LOCAL REGULATIONS.
 6. WATER PIPING LOCATED IN OUTSIDE WALLS SHALL BE PLACED INSIDE THE HEATED ENVELOPE, AND INSULATED WITH 1" MINIMUM.
 7. WATER PIPING MAY BE REQUIRED APPROVAL OF LOCAL AUTHORITIES. ALL FITTINGS SHALL BE FULL SIZE.
 8. THE CONTRACTOR SHALL IMMEDIATELY ADVISE THE ENGINEER OF ANY DISCREPANCIES OR CODE CONFLICTS PRIOR TO SUBMITTING BID.
 9. THE PLUMBING DRAWINGS ARE DIAGNOSTIC IN NATURE AND ONLY INDICATE A GENERAL ARRANGEMENT OF FIXTURES AND PIPING. DO NOT SCALE FROM THE DRAWINGS. IT IS SOLELY THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD LOCAL COMPONENTS OF THE PLUMBING WORK BASED ON CODE REQUIREMENTS, MANUFACTURERS INSTALLATION INSTRUCTIONS, AND COORDINATION WITH SITE CONDITIONS AND OTHER TRADES.

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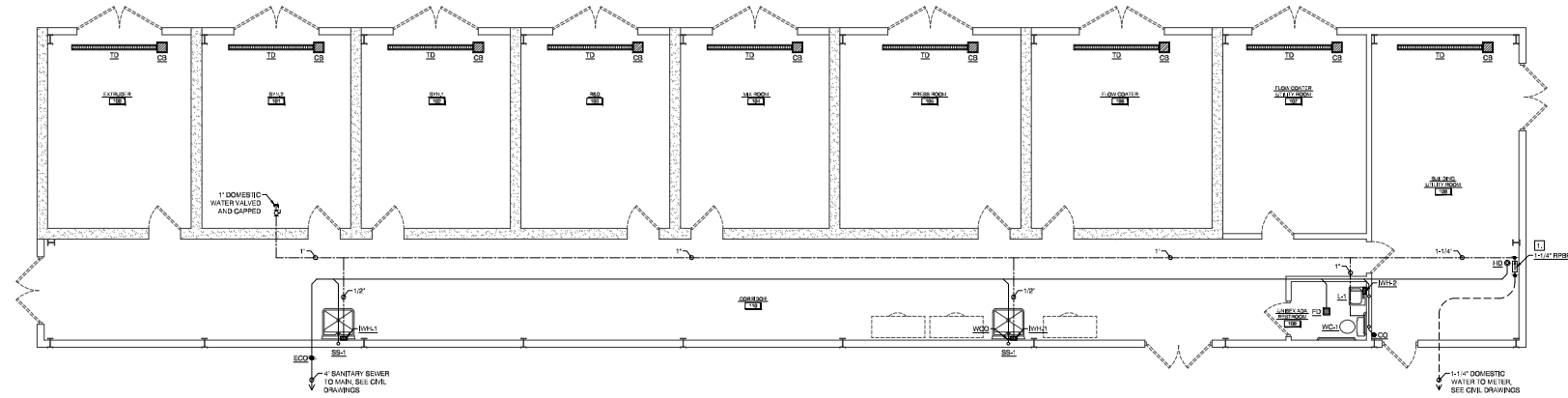
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SHEET		PLUMBING SCHEDULE						
TITLE:		PLUMBING SCHEDULE						
SCALE:		AS NOTED						
JOB NO.		24-108						
DATE:		12/27/2024						
DWG BY:		MD						

JOHN ROBERT ALON
REGISTERED ENGINEER
No. 2474
STATE OF TENNESSEE
12-27-24

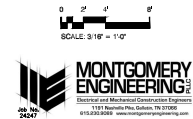
John Robert Alon





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

PLUMBING PLAN NOTES
1. ROUTE AIR GAP PERIOD TO HD.



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PLUMBING PLAN
SCALE: 3/16" = 1'-0"
JOB NO. 24-068
DATE: 12/27/2024
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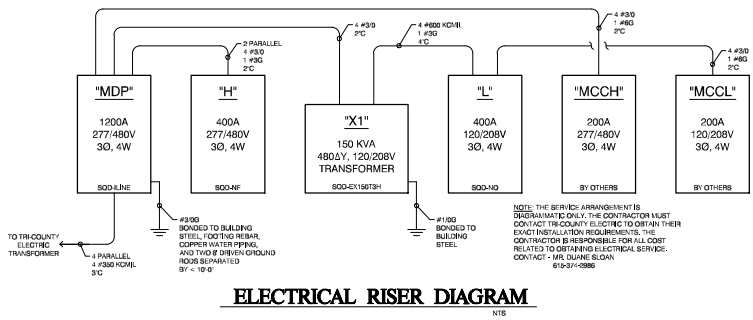


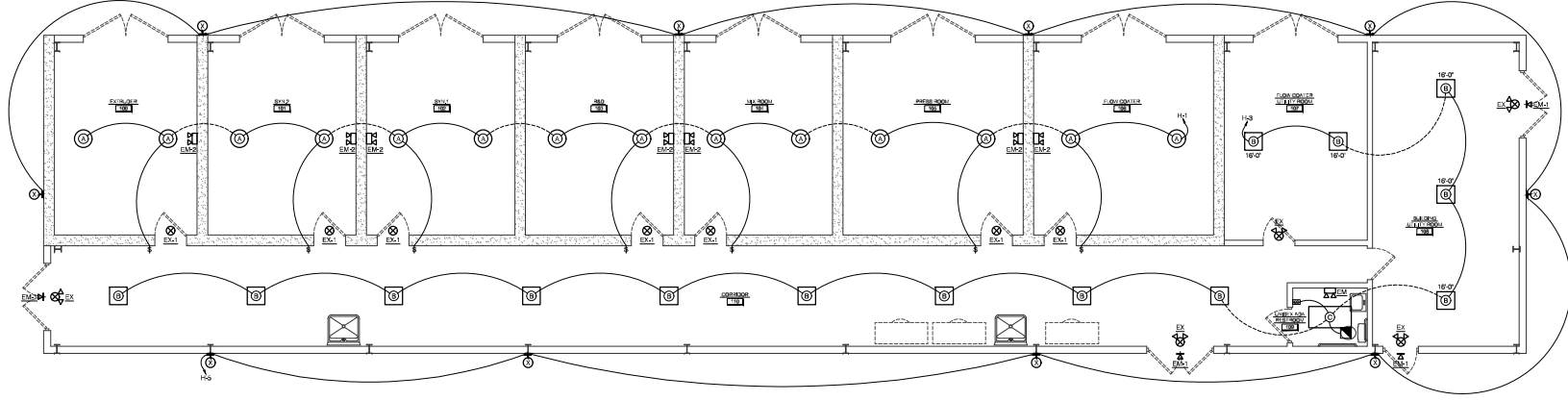
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LIGHTING FIXTURE SCHEDULE				
TYPE	DESCRIPTION	LAMPS	MANUFACTURER	DETAILS
A	LED HIGH BAY, EXPLOSION PROOF, 15000 LUMENS, 1000K COLOR TEMP., 150W	100W, LED	TRULUX CPFL-100W-140-N	MOUNT 1" A.F.F., CLASS B-1, 1" W/1T
B	RV LED HIGH BAY, 12000 LUMENS, 1000K COLOR TEMP., INTERM. CRI SENSOR, 150W	75W LED	COLUMBIA PCL4-HA-12-84-DUAL-708	SUPERN HORN STRUCTURE AT 1" A.F.F.
C	7" LED EMERGENCY LIGHT, SURFACE MOUNT FLAT PANEL, 4" BURN IN LUMENS, 3000K COLOR TEMP., 100W	40W LED	COLUMBIA CPFL-1130-CPFBM-24	SURFACE MOUNT
EX	LED DLF LIGHT WITH DUAL EMERGENCY HEADS, BATTERY BACKUP, 150W	INCL.	DUAL LIFE OCR	
EX-1	LED DLF LIGHT WITH DUAL EMERGENCY HEADS, BATTERY BACKUP, 150W	INCL.	TRULUX LIGHTING CPFL-150W-140-N	CLASS B-150W/1T
EM	LED EMERGENCY LIGHT WITH 2 SEALED BEAM HEADS, 100W	INCL.	DUAL LIFE CL2	

GENERAL ELECTRICAL NOTES

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	SHEET			
	TITLE: ELECTRICAL SCHEDULES			
	DATE: 12/27/2024			
	SCALE: AS NOTED			
	JOB NO. 24-168			
	DRAWN BY: NQ			
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ELECTRICAL LIGHTING PLAN
SCALE: 3/16" = 1'-0"



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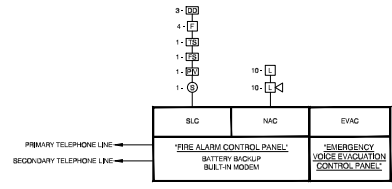
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TITLE	ELECTRICAL LIGHTING PLAN	2.
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615.252.2000

FIRE ALARM PLAN NOTES

1. POST INDICATOR VALVE SHOWN HERE FOR REFERENCE ONLY. COORDINATE LOCATION WITH SPRINKLER PLANS.
2. COORDINATE LOCATIONS OF TAMPER SWITCHES AND FLOW SWITCHES WITH SPRINKLER INSTALLER.
3. CLASS 2 OR 1 RATED NOTIFICATION APPLIANCE.



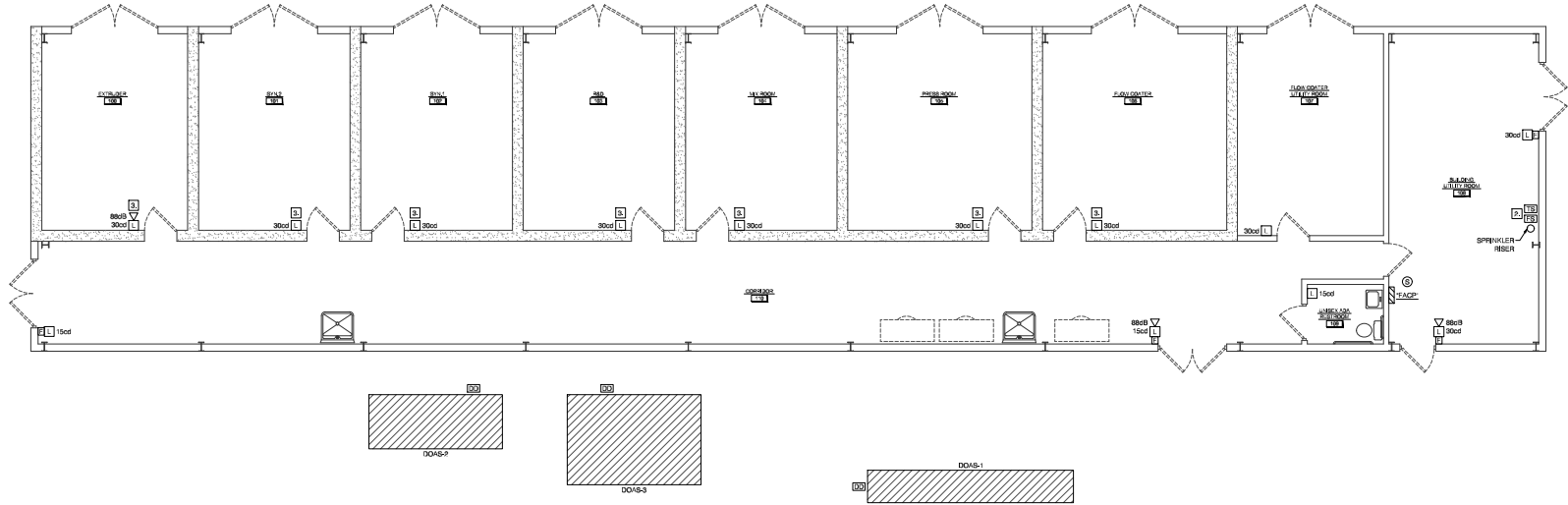
FIRE ALARM RISER DIAGRAM

FIRE ALARM LEGEND	
1	FIRE ALARM CONTROL PANEL
2	VOICE EVAC CONTROL PANEL
3	WALL MOUNTED STATION, 48" A.F.F.
4	WALL MOUNTED STATION, 18" A.F.F., 18" A.F.F., 18" A.F.F.
5	WALL MOUNTED HORN / STROBE, SPEAKER RATING IN 48" AND STROBE RATING IN 48" A.F.F., 18" A.F.F., 18" A.F.F.
6	SMOKE DETECTOR
7	SMOKE DETECTOR - DNR
8	SMOKE DETECTOR - DNR
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NOTE: ALL REQUIRED DOCUMENTATION REGARDING THE DESIGN OF FIRE PROTECTION, ALARM, AND COMMUNICATIONS SYSTEMS AND THE PROCEDURES FOR MAINTENANCE, INSPECTION AND TESTING OF FIRE DETECTION, ALARM, AND COMMUNICATIONS SYSTEMS SHALL BE MAINTAINED AT AN APPROVED, SECURED LOCATION FOR THE LIFE OF THE SYSTEM.

FIRE ALARM SYSTEM SPECIFICATIONS

1. THE FIRE ALARM SYSTEM SHALL BE DESIGNED IN ACCORDANCE WITH THE TENNESSEE FIRE ALARM CONTRACTORS ASSOCIATION (TFAA).
2. THE FIRE ALARM SYSTEM SHALL BE A NPPA 72, CHAPTER 8 REMOTE STATION PROTECTED BELL SYSTEM.
3. THE FIRE ALARM CONTROL PANEL SHALL BE AN ADDRESSABLE SYSTEM CAPABLE OF SUPPORTING 32 SPACES ON ONE B.C. AND EQUIPPED WITH A BUILT-IN COMMUNICATOR. THE PANEL SHALL PROVIDE A CLASS B STYLE 2 Y INCH.
4. FIRE ALARM SYSTEM COMPONENTS SHALL BE UL LISTED, EQUAL TO THE FOLLOWING NOTIFIER BRAND PRODUCTS:
 - WALL - 48" HORN
 - EVAC - FIRE VOICE 2500
 - REMOTE POWER - FORDEN
 - REMOTE ANNUNCIATOR - HANNO
 - WALL HORN/STROBE - PBNV
 - WALL STROBE - BNF
 - STROBE - HORN
 - PULL STATION - BDI
 - SMOKE DETECTOR - NP100
 - DUCT SMOKE DETECTOR - DNR
5. THE FIRE ALARM CONTROL PANEL SHALL BE PROVIDED WITH A DIGITAL ALARM COMMUNICATORS TRANSMITTER (DACT). THE OWNER WILL CONTRACT WITH A CENTRAL STATION MONITORING SERVICE. PROVIDE A 24 VDC CABLE FROM FACTORY TO THE TWO TELEPHONE LINES (PRIMARY AND ALTA) OR CELLULAR SERVICE.
6. PROVIDE EMERGENCY BACK-UP BATTERY WITH SUFFICIENT CAPACITY TO PROVIDE STANDBY POWER FOR 24 HOURS. THEN ALARM FOR 5 MINUTES. SUBMIT BATTERY CALCULATIONS.
7. MULTIPLE STROBES THAT MAY BE VISIBLE FROM A GIVEN LOCATION SHALL BE SYNCHRONIZED.
8. PERMANENTLY IDENTIFY THE CIRCUIT BREAKER SERVING THE FIRE ALARM PANEL. FIRE ALARM CIRCUIT WITH RED MARKING. PROVIDE A LOCKING CLIP ON THE CIRCUIT BREAKER. PERMANENTLY IDENTIFY THE BREAKER LOCATION ON THE PANEL.
9. UPON ACTIVATION OF A SMOKE DETECTOR, THE BLOWER SHALL SHUT DOWN AND AN ALARM SIGNAL SHALL BE SENT TO THE FACTORY. THIS CIRCUIT SHALL BE SYNCHRONIZED.
10. DO NOT LOCATE SMOKE DETECTORS CLOSER THAN 8' 6" TO SUPPLY OR RETURN DUCTS, OR RETURN DUCTS, AND NOT CLOSER THAN 4" FROM A REFRIGERANT.
11. OUTDOOR SMOKE DETECTORS SHALL CAUSE A TROUBLE SIGNAL TO FACTORY AND NOT PUT THE BUILDING SYSTEM INTO ALARM.
12. CONCEALED WIRING SHALL BE OPEN RATED, TWISTED PAIR, SHIELDED. MINIMUM B.C. WIRE SIZE SHALL BE 18 AWG (BULDED 18 AWG OR EQUAL).
13. THE FIRE ALARM SYSTEM, COMPONENTS, AND INSTALLATION SHALL COMPLY WITH NPPA 72.



FIRE ALARM PLAN
SCALE: 3/16" = 1'-0"

ARC FLOW COAT BUILDING
200 SMITH WAY
HARTSVILLE, TN 37074

BOUTON
ENGINEERING
Structural & Civil Consulting

REVISIONS	
1.	
2.	
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E3.1	SHEET
FIRE ALARM PLAN & SCHEDULES	DATE
SCALE: 3/16" = 1'-0"	DATE: 12/27/2024
JOHN D. NO	DWN BY: NO

MONTGOMERY ENGINEERING
Structural and Mechanical Engineering
121 Regatta Way, Suite 200
Hartsville, TN 37074
(615) 262-2000





Planning/BZA Permit Application

Date: 01/03/2025

Permit #: 25002

Applicant / Owner

Applicant Name: Carman Surveying
Address: 50 Linda Lane
City, State, Zip: Hartsville TN 37074
Phone: [REDACTED]
Email: [REDACTED]
Type: [REDACTED]

Owner Name: Tom P. Thompson, JR
Address: McMurry BLVD & Thompson LN
City, State, Zip: Hartsville TN 37074
Phone: [REDACTED]
Email: [REDACTED]

Project

Permit Type: Zoning - Planning / BZA
Status: Online Submission
Location: McMurry BLVD and Thompson Lane
Tax Map #: 27D
Group: B
Parcel: 21.01
Record/Deed: 166/pg273

Subdivision:
Phase:
Lot #:
Request Type: Major Subdivision
Water Source: Hartsville / Trousdale Water Dept.
Sewer / Septic: Sewer
Zoning District: R1

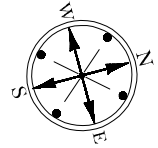
Project Description: Major Subdivision

I do hereby certify that the information contained herein is true and correct.

[REDACTED]
Jim Carmen

[REDACTED]
Date

SCALE : 1" = 50'
DATE : DECEMBER 17, 2024
SIZE : 9.723 AC.+/- PER PLAT
DEED : R. B. 166, PG. 273, R.O.T.C.T.
MAP : MAP 27-D, PAR. B-21.01, T.A.O.T.C.T.



KARL B. BAKER
RECORD BOOK 83, PAGE 559
MAP 27-D, PARCEL B-22.00

NOTES:

PROPERTY IS ZONED R1 - HARTSVILLE
AS PROPOSED THIS SUBDIVISION CONTAIN 10
RESIDENTIAL LOTS
ALL LOTS SHALL BE A MINIMUM OF 12,000 SQUARE FEET
IN SIZE
ALL LOTS SHALL BE A MINIMUM OF 100 FEET WIDE AT
BUILDING SITE

