



PROCUREMENT DEPARTMENT

Teria G. Sheffield
Procurement Director

ADDENDUM # 2

Date: 4/13/2026

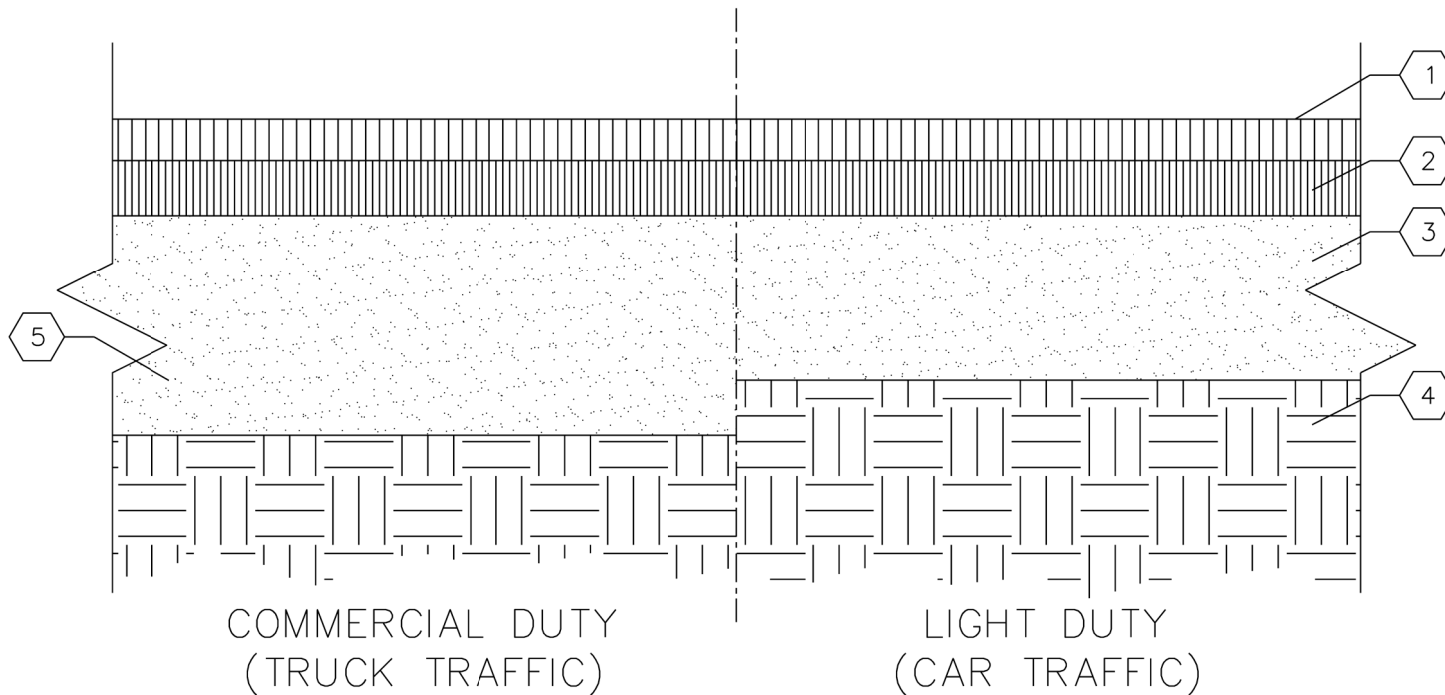
PROPOSAL ID #3033

IFB #3033
Bullocks Creek VFD Building Addition

THE FOLLOWING INFORMATION SHALL BE INCORPORATED AS PART OF THE ABOVE MENTIONED SOLICITATION; ALL OTHER TERMS AND CONDITIONS SHALL REMAIN THE SAME.

Change 1: Add Heavy Duty Asphalt Section (attached)

Change 2: Add revised plans (attached)



KEYED NOTES

- 1 1 1/2" WEARING SURFACE OVER TACK COAT.
- 2 2" BINDER COURSE OVER PRIME COAT.
- 3 6" (MIN.) CLEAN, GRADED AND COMPACTED STONE (NO SLAG).
- 4 WELL-DRAINED SUB-GRADE (SUB-GRADE TO MODIFIED 95 PROCTOR MIN. COMPACTION).
- 5 8" CLEAN, GRADED & COMPACTED STONE BASE (NO SLAG).



DRIVEWAY/PARKING PAVEMENT SECTIONS

SCALE=NTS

BUILDING CODES IN EFFECT FOR THIS PROJECT:

☐ 2021 IBC ☒ 2021 IFG ☒ 2021 IFC ☒ 2021 IMC ☒ 2009 IEC ☒ 2020 NEC ☒ 2017 ANSI A117.1
☒ 2021 SC STATE BUILDING CODE
☐ NEW BUILDING ☐ SHELL BUILDING ☐ INTERIOR UPFIT ☒ ADDITION ☐ REPAIR
☐ ALTERATION L1 ☐ ALTERATION L2 ☐ ALTERATION L3 ☐ CHANGE OF OCCUPANCY

1. USE AND OCCUPANCY CLASSIFICATION - PRIMARY USE / MOST RESTRICTIVE (CHAPTER 3):

A-1 ☐	A-2 ☐	A-3 ☐	A-4 ☐	A-5 ☐	B ☐	E ☐	F-1 ☐	F-2 ☐	H-1 ☐	H-2 ☐
H-3 ☐	H-4 ☐	H-5 ☐	I-1 C1 ☐	I-1 C2 ☐	I-2 C1 ☐	I-2 C2 ☐	I-3 C1 ☐	I-3 C2 ☐	I-3 C3 ☐	I-3 C4 ☐
I-3 C5 ☐	I-4 ☐	M ☐	R-1 ☐	R-2 ☐	R-3 ☐	R-4 C1 ☐	R-4 C2 ☐	S-1 ☒	S-2 ☐	U ☐

USE AND OCCUPANCY CLASSIFICATION - SECONDARY USES:

A-1 ☐	A-2 ☐	A-3 ☐	A-4 ☐	A-5 ☐	B ☐	E ☐	F-1 ☐	F-2 ☐	H-1 ☐	H-2 ☐
H-3 ☐	H-4 ☐	H-5 ☐	I-1 C1 ☐	I-1 C2 ☐	I-2 C1 ☐	I-2 C2 ☐	I-3 C1 ☐	I-3 C2 ☐	I-3 C3 ☐	I-3 C4 ☐
I-3 C5 ☐	I-4 ☐	M ☐	R-1 ☐	R-2 ☐	R-3 ☐	R-4 C1 ☐	R-4 C2 ☐	S-1 ☐	S-2 ☐	U ☐

INCIDENTAL USES (TABLE 509.1):

☐ FURNACE ROOMS WHERE ANY PIECE OF EQUIPMENT IS OVER 400,000 BTU PER HOUR INPUT
☐ ROOMS WITH BOILERS WHERE THE LARGEST PIECE OF EQUIPMENT IS OVER 15 PSI & 10 HP
☐ REFRIGERANT MACHINERY ROOMS ☐ INCINERATOR ROOMS ☐ GROUP I-2 LAUNDRY ROOMS OVER 100 S.F.
☐ HYDROGEN FUEL GAS ROOMS NOT CLASSIFIED AS GROUP H ☐ GROUP I-2 PLANT MAINTENANCE SHOPS
☐ PAINT SHOPS NOT CLASSIFIED AS GROUP H, LOCATED IN OCCUPANCIES OTHER THAN GROUP F
☐ LABS AND VOCATIONAL SHOPS NOT CLASSIFIED AS GROUP H ☐ LAUNDRY ROOMS OVER 100 S.F.
☐ GROUP I-3 CELLS & I-2 PATIENT ROOMS EQUIPPED WITH PADDED SURFACES
☐ GROUP I-2 STORAGE ROOMS OVER 100 S.F. ☐ GROUP I-2 STORAGE ROOMS OVER 100 S.F.
☐ GROUP I-2 WASTE/LINEN COLLECTION ROOMS OVER 100 S.F.
☐ ELECTRICAL INSTALLATIONS & TRANSFORMERS
☐ IN GROUP I-2 OCCUPANCIES, LABS NOT CLASSIFIED AS GROUP H
☐ IN AMBULATORY CARE FACILITIES, LABS NOT CLASSIFIED AS GROUP H
☐ IN IN GROUP E OCCUPANCIES, LABS AND VOCATIONAL SHOPS NOT CLASSIFIED AS GROUP H
☐ GROUP I-2 WASTE AND LINEN COLLECTION ROOMS WITH CONTAINERS THAT HAVE AN AGGREGATE VOLUME OF 10 CUBIC FEET OR GREATER

2. SPECIAL DETAILED REQUIREMENTS BASED ON USE AND OCCUPANCY (CHAPTER 4):

COVERED MALLS & OPEN BUILDINGS ☐ HIGH RISE BUILDINGS ☐ ATRIUMS ☐
MOTOR VEHICLE RELATED ☒ GROUP I-2 ☐ GROUP I-3 ☐ MOTION PICTURE PROJECTION ROOMS ☐
STAGES & PLATFORMS ☐ SPECIAL AMUSEMENT BUILDINGS ☐ AIRCRAFT RELATED ☐
HAZARDOUS MATERIALS ☐ GROUPS H-1 THRU H-5 ☐ DRYING ROOMS ☐ HYPERBARIC FACILITIES ☐
GROUPS I-1, R-1 THRU R-4 ☐ HYDROGEN FUEL GAS ROOMS ☐ STORM SHELTERS ☐
UNDERGROUND BUILDINGS ☐ COMBUSTIBLE DUST ☐ HIGHER EDUCATION LABS ☐
COMBUSTIBLE STORAGE ☐ MEDICAL GAS SYSTEMS ☐ ARTIFICIAL DECORATIVE VEGETATION ☐
PLAY STRUCTURES ☐ SPRAY APPLICATION OF FLAMMABLES ☐ AMBULATORY CARE FACILITIES ☐

3. ALLOWABLE BUILDING HEIGHTS, STORIES AND AREAS:

MAXIMUM HEIGHT ALLOWED (TABLE 504.3): ALLOWED: 40'
MAXIMUM NUMBER OF STORIES (TABLE 504.4): ALLOWED: 1
GROSS BUILDING AREA PER FLOOR (TABLE 506.2): ALLOWED: 9,000
PROTECTED CONSTRUCTION: ☐ SPRINKLERED: ☐ MEZZANINE: ☐ UNLIMITED AREA: ☐
AREA INCREASE APPLICABLE: ☐ (IF CHECKED, SEE AREA INCREASE CALCULATION SECTION)

INCIDENTAL USE AREAS (TABLE 509):

A. ROOM OR AREA: = HOUR
B. ROOM OR AREA: = HOUR
C. ROOM OR AREA: = HOUR

REQUIRED SEPARATION OF OCCUPANCIES (TABLE 508.4):

NONSEP. USES (508.3) ☒ SEPARATED USES (508.4) ☐ ACCESSORY USE (508.2) ☐
BETWEEN: AND: = HOUR
BETWEEN: AND: = HOUR
BETWEEN: AND: = HOUR

4. TYPES OF CONSTRUCTION (CHAPTER 6):

I-A ☐ I-B ☐ 2-A ☐ 2-B ☐ 3-A ☐ 3-B ☐ 4-A ☐ 4-B ☐ 4-C ☐ 4-HT ☐ 5-A ☐ 5-B ☒
FIRE RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS IN HOURS (TABLE 601):
STRUCTURAL FRAME: 0 BEARING WALLS (INT.): 0 BEARING WALLS (EXT.): 0
NONBEARING WALLS (INT.): 0 FLOOR CONSTRUCTION: 0 ROOF CONSTRUCTION: 0
FIRE RESISTANCE RATING FOR EXTERIOR WALLS BASED ON FIRE SEPARATION DISTANCE (TABLE 705.5):
0 TO <5': 5' TO <10': 10' TO <30': 30'+: 0

5. FIRE RESISTANCE RATED CONSTRUCTION:

STRUCTURAL FRAME (TABLE 601): HR
EXTERIOR BEARING WALLS (TABLE): HR
INTERIOR BEARING WALLS (TABLE 601): HR
FLOOR CONSTRUCTION (TABLE 601): HR
ROOF CONSTRUCTION (TABLE 601): HR
FIRE WALLS (TABLE 706.4): HR
FIRE BARRIERS (TABLE 707.3.10): HR
SHAFT ENCLOSURES (SECTION 713): HR
CORRIDORS (TABLE 1020.2): HR
FIRE DOOR & FIRE SHUTTER PROTECTION RATINGS (TABLE 716.1): HR
FIRE WINDOW ASSEMBLY FIRE PROTECTION RATINGS (TABLE 716.1): HR
FIRE DAMPER RATING (TABLE 717.3.2.1): HR
MAXIMUM AREA OF EXTERIOR WALL OPENINGS (TABLE 705.8):
UNPROTECTED CONSTRUCTION: NOT PERMITTED ☐ PERCENT ☐ NO LIMIT ☒
0'-3' +3'-5' +5'-10' +10'-15' +15'-20' +20'-25' +25'-30'
PROTECTED CONSTRUCTION: NOT PERMITTED ☐ PERCENT ☐ NO LIMIT ☐
0'-3' +3'-5' +5'-10' +10'-15' +15'-20' +20'-25' +25'-30'

7. FIRE PROTECTION SYSTEMS (CHAPTER 9):

SPRINKLER REQUIRED (SECTION 903): NFPA 13 ☐ NFPA 13R ☐ NFPA 13D ☐
FIRE EXTINGUISHER TYPES (IFC SECTION 906): WATER - TYPE A ☐ POTASSIUM - TYPE K ☐
DRY CHEM. - TYPE BC ☐ DRY CHEM. - TYPE ABC ☐ CARBON DIOXIDE - TYPE BC ☐
FIRE EXTINGUISHER LOCATIONS (IFC SECTION 906):
PER IFC TABLE 906.1 ☒ PER IFC TABLE 906.3 (1) ☐ PER IFC TABLE 906.3 (2) ☐
FIRE ALARM SYSTEM (SECTION 907):
PULL STATIONS: ☐ ANNUNCIATORS: ☐
STROBES: ☐ SMOKE DETECTORS: ☐
CONTROL PANEL: ☐ BATTERY BACK-UP: ☐
EMERGENCY ALARM SYSTEM: ☐
SMOKE CONTROL SYSTEM (SECTION 909):
SMOKE DAMPERS: ☐ SMOKE BARRIERS: ☐
SMOKE LATCHES: ☐ EXHAUST FANS: ☐
SMOKE VENTS: ☐ HEAT VENTS: ☐

8. OCCUPANCY LOAD (TABLE 1004.5)

PRINCIPAL OCCUPANCY: S-1 4,454 SQ. FT. / 200 SQ. FT./PERSON = 15 PERSONS
FIXED SEATING (SECTION 1004.4): NUMBER OF SEATS @ 18" PER PERSON = PERSONS
FIXED SEATING (SECTION 1004.4): NUMBER OF SEATS @ 24" PER PERSON = PERSONS
INCIDENTAL OR MIXED OCCUPANCY GROUPS:
A. AREA: SQ. FT. / SQ. FT./PERSON = PERSONS
B. AREA: SQ. FT. / SQ. FT./PERSON = PERSONS
C. AREA: SQ. FT. / SQ. FT./PERSON = PERSONS
D. AREA: SQ. FT. / SQ. FT./PERSON = PERSONS
E. AREA: SQ. FT. / SQ. FT./PERSON = PERSONS
F. AREA: SQ. FT. / SQ. FT./PERSON = PERSONS
TOTAL OCCUPANT LOAD = 15 PERSONS

EGRESS WIDTH (IN INCHES) PER OCCUPANT SERVED (SECTION 1005):
STAIRWAYS: OTHER COMPONENTS: SPRINKLERED ☐
TOTAL STAIR EGRESS WIDTH:
PERSONS x INCHES PER OCCUPANT REQUIRED = SHOWN:
TOTAL OTHER COMPONENTS EGRESS WIDTH:
PERSONS x INCHES PER OCCUPANT REQUIRED = SHOWN:
EGRESS WIDTH (IN INCHES) PER OCCUPANT SERVED (SECTIONS 1005):
STAIRWAYS: 0.3 OTHER COMPONENTS: 0.2 NON-UNSPRINKLERED ☒
TOTAL STAIR EGRESS WIDTH:
PERSONS x INCHES PER OCCUPANT REQUIRED = SHOWN:
TOTAL OTHER COMPONENTS EGRESS WIDTH:
15 PERSONS x 0.2 INCHES PER OCCUPANT REQUIRED = 3" SHOWN: 68"

9. EXIT REQUIREMENTS (CHAPTER 10):

MINIMUM NUMBER OF EXITS (SECTION 1006): 1 ☐ 2 ☒ 3 ☐ 4 ☐
SINGLE EGRESS ALLOWED (TABLES 1006.2.1 & 1006.3.2(2)): YES ☐ NO ☒
DEAD-END CORRIDORS (SECTION 1020.5): ALLOWED: 20' PROVIDED: N/A
EXIT ACCESS TRAVEL DISTANCE (TABLE 1017.2): ALLOWED: 200' PROVIDED: 85'
MINIMUM CORRIDOR WIDTH (TABLE 1020.3): REQUIRED: 44" PROVIDED: N/A
ACCESS TO ROOF REQUIRED (SECTION 1011.2): YES ☐ NO ☒
STAIRWAYS (SECTION 1011):
MINIMUM STAIR WIDTH (SECTION 1011.2): REQUIRED: PROVIDED:
MAXIMUM RISER HEIGHT (SECTION 1011.5.2): ALLOWED: PROVIDED:
MINIMUM TREAD DEPTH (SECTION 1011.5.2): REQUIRED: PROVIDED:
HANDRAIL HEIGHT (SECTION 1014.2): ALLOWED: PROVIDED:
SMOKE BARRIER REQUIRED (SECTION 407.5): YES ☐ NO ☐
GUARDRAIL HEIGHT (SECTIONS 1015.2 & 1015.3): REQUIRED: PROVIDED:
RAMPS (SECTION 1012):
MAXIMUM SLOPE (SECTION 1012.2): ALLOWED: PROVIDED:
MAXIMUM VERTICAL RISE (SECTION 1012.4): ALLOWED: PROVIDED:
HANDRAIL HEIGHT (SECTION 1012.5, 1014.8): ALLOWED: PROVIDED:
HANDRAIL REQUIRED (SECTION 1014.1): NOT REQ'D ☐ ONE SIDE ☐ BOTH SIDES ☐
RAILING HEIGHT (SECTION 1014.2): ALLOWED: PROVIDED:

10. RESTROOM FACILITIES (TABLE 2902.1):

MINIMUM NUMBER OF TOILET STALLS FOR MEN: REQUIRED: 1 SHOWN: 1
MINIMUM NUMBER OF TOILET STALLS FOR WOMEN: REQUIRED: 1 SHOWN: 1
MINIMUM NUMBER OF LAVATORIES FOR MEN: REQUIRED: 1 SHOWN: 1
MINIMUM NUMBER OF LAVATORIES FOR WOMEN: REQUIRED: 1 SHOWN: 1
MINIMUM NUMBER OF DRINKING FOUNTAINS: REQUIRED: 1 SHOWN: 1
NUMBER OF SERVICE SINKS: REQUIRED: 1 SHOWN: 1
UNISEX RESTROOM ALLOWED (SECTION 2902.2): YES ☐ NO ☒
NUMBER OF UNISEX RESTROOMS: REQUIRED: 0 SHOWN: 0
NUMBER OF EXISTING MEN'S RESTROOMS: SHOWN: 1
NUMBER OF EXISTING WOMEN'S RESTROOMS: SHOWN: 1
NUMBER OF EXISTING MEN'S LAVATORIES: SHOWN: 1
NUMBER OF EXISTING WOMEN'S LAVATORIES: SHOWN: 1
NUMBER OF EXISTING DRINKING FOUNTAINS: SHOWN: 1
NUMBER OF EXISTING SERVICE SINKS: SHOWN: 1

II. STRUCTURAL REQUIREMENTS (CHAPTER 16):

LOADS:
WIND LOAD (SECTION 1609): = 115 MPH
FLOOR LIVE LOAD (TABLE 1607.1): = 100 PSF
FLOOR DEAD LOAD (SECTION 1606): = N/A PSF
ROOF LIVE LOAD (SECTION 1607.12): = 20 PSF
ROOF COLLATERAL LOADS: = 3 PSF
GROUND SNOW LOAD (SECTION 1608): = 10 PSF
FLOOD LOADS (SECTION 1612): = N/A PSF
SPECIAL LOADS: = N/A PSF
SNOWGUARDS REQUIRED: ☐ YES ☒ NO
TRIBUTARY LOAD REDUCTION ALLOWED: ☒ YES ☐ NO

SEISMIC LOADS (CHAPTER 16):

DESIGN AREA ZIP CODE: = 29742
DESIGN AREA CENTRAL LATITUDE: = 34.95°
DESIGN AREA CENTRAL LONGITUDE: = -81.34°
SPECTRAL RESPONSE ACCELERATION AT 1 SECOND PERIOD: S₁ = 0.254
SPECTRAL RESPONSE ACCELERATION AT SHORT PERIODS: S_S = 0.091
SEISMIC HAZARD EXPOSURE GROUP: = I
SEISMIC PERFORMANCE CATEGORY: = C
SOIL PROFILE: = D
BASIC STRUCTURAL SYSTEM: ☒ BUILDING FRAME ☐ BEARING WALL

6. INTERIOR FINISHES (CHAPTER 8):

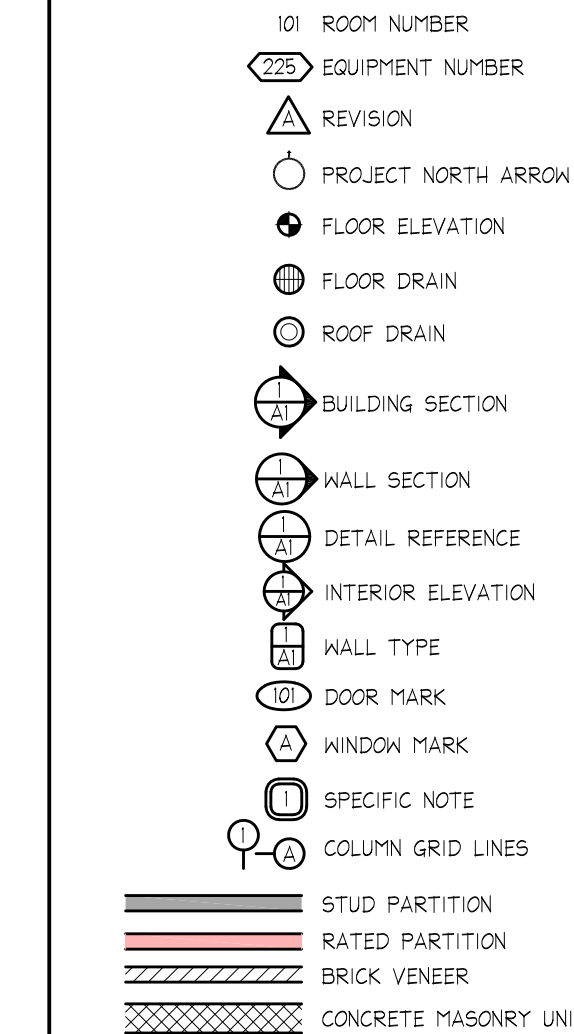
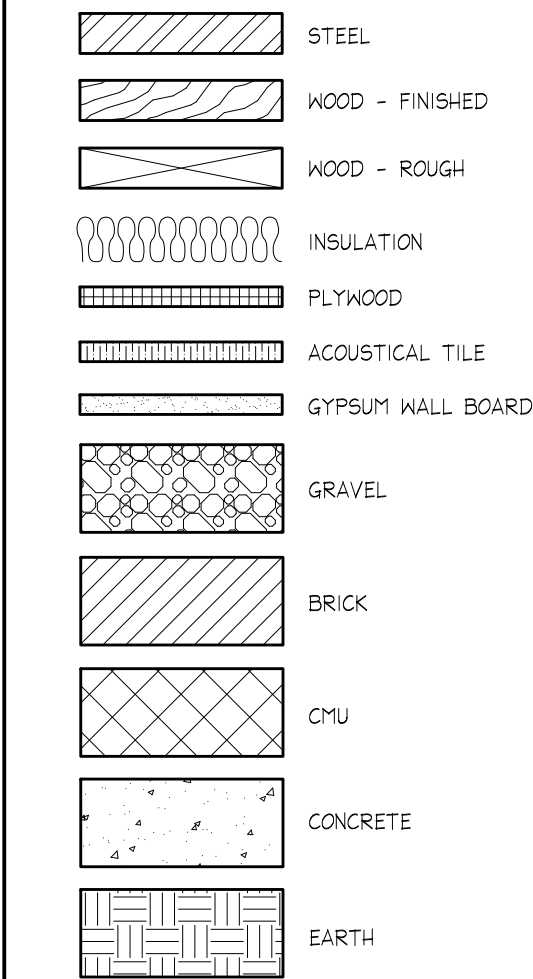
BY OCCUPANCY GROUP (TABLE 803.11): S-1
SPRINKLERED ☐ NON-SPRINKLERED ☒
VERTICAL EXITS AND EXIT PASSAGEWAYS
EXIT ACCESS CORRIDORS AND OTHER EXITWAYS
FINISH CLASS: A B C A B C A B C
II. SCHEDULE OF SPECIAL INSPECTIONS (CHAPTER 17):
☐ NO SPECIAL INSPECTIONS REQUIRED FOR THIS PROJECT ☒ SPECIAL INSPECTIONS REQUIRED
☐ EXCAVATIONS ☐ INSPECTION OF STRUCTURAL STEEL FABRICATORS
☐ FILLS ☐ STRUCTURAL MASONRY
☐ DEEP FOUNDATIONS ☐ WELDING
☒ SHALLOW FOOTINGS & FOUNDATIONS ☒ HIGH STRENGTH BOLTS AND STEEL FRAMING INSP.
☒ VERIFICATION OF SOILS ☐ SPRAYED FIRE-RESISTANCE MATERIALS
☐ RETAINING WALLS ☐ EXTERIOR INSULATION AND FINISH SYSTEMS
☐ POST TENSION SLABS ☐ SEISMIC RESISTANCE
☐ PRE-CAST CONCRETE ERECTION ☐ SMOKE CONTROL
☐ PRE-STRESSED CONCRETE ☐ DETENTION BASINS
☐ INSPECTION OF PRE-CAST FABRICATORS ☐ SPECIAL CASES
☐ EXCEPTIONS:
☐ EXCAVATIONS

12. LIFE SAFETY SYSTEM REQUIREMENTS:

EMERGENCY LIGHTING: YES ☒ NO ☐
EXIT SIGNS: YES ☒ NO ☐
FIRE ALARMS: YES ☐ NO ☒
SMOKE DETECTION SYSTEMS: YES ☐ NO ☐ PARTIAL ☐
PANIC HARDWARE: YES ☐ NO ☒
LIFE SAFETY SYSTEMS GENERATOR: YES ☐ NO ☒
LIFE SAFETY PLAN SHEET # A-3
☐ FIRE AND/OR SMOKE RATED WALL LOCATIONS (CHAPTER 7)
☐ ASSUMED AND REAL PROPERTY LINE LOCATIONS (IF NOT ON THE SITE PLAN)
☐ EXTERIOR WALL OPENING AREA WITH RESPECT TO DISTANCE OF ASSUMED PROPERTY LINES (TABLE 705.8)
☒ OCCUPANCY USE FOR EACH AREA AS IT RELATES TO OCCUPANT LOAD CALCULATION (TABLE 1004.1.2)
☒ OCCUPANT LOADS FOR EACH AREA (TABLE 1004.5)
☒ EXIT TRAVEL DISTANCES (TABLE 1017.2)
☒ COMMON PATH OF TRAVEL DISTANCES (TABLES 1006.2.1 AND 1006.3.2)
☐ DEAD END LENGTHS (1020.4)
☒ CLEAR EXIT WIDTH FOR EACH DOOR (1010.1.1)
☒ MAXIMUM CALCULATED OCCUPANT LOAD CAPACITY EACH EXIT DOOR CAN ACCOMMODATE BASED BASED ON EGRESS WIDTH (1005.3.1 & 1005.3.2)
☒ ACTUAL OCCUPANT LOAD FOR EACH EXIT DOOR (1010.1.1)
☐ A SEPARATE SCHEMATIC PLAN INDICATING WHERE FIRE RATED FLOOR/CEILING AND/OR ROOF
☐ STRUCTURE IS PROVIDED FOR PURPOSES OF OCCUPANCY SEPARATION
☐ LOCATIONS OF DOORS WITH PANIC HARDWARE (1010.1.10)
☐ LOCATIONS OF DOORS WITH DELAYED EGRESS LOCKS AND THE AMOUNT OF THE DELAY (1010.1.9.8)
☐ LOCATIONS OF DOORS WITH ELECTROMAGNETIC EGRESS LOCKS (1010.1.9.10)
☐ LOCATIONS OF DOORS WITH HOLD-OPEN DEVICES
☐ LOCATIONS OF EMERGENCY ESCAPE WINDOWS (1030)
☐ THE SQUARE FOOTAGE OF EACH FIRE AREA (907.1)
☐ THE SQUARE FOOTAGE OF EACH SMOKE COMPARTMENT FOR OCCUPANCY CLASSIFICATION I-2 (407.5)
☐ NOTE ANY CODE EXCEPTIONS OR TABLE NOTES THAT MAY HAVE BEEN UTILIZED REGARDING THE ITEMS ABOVE

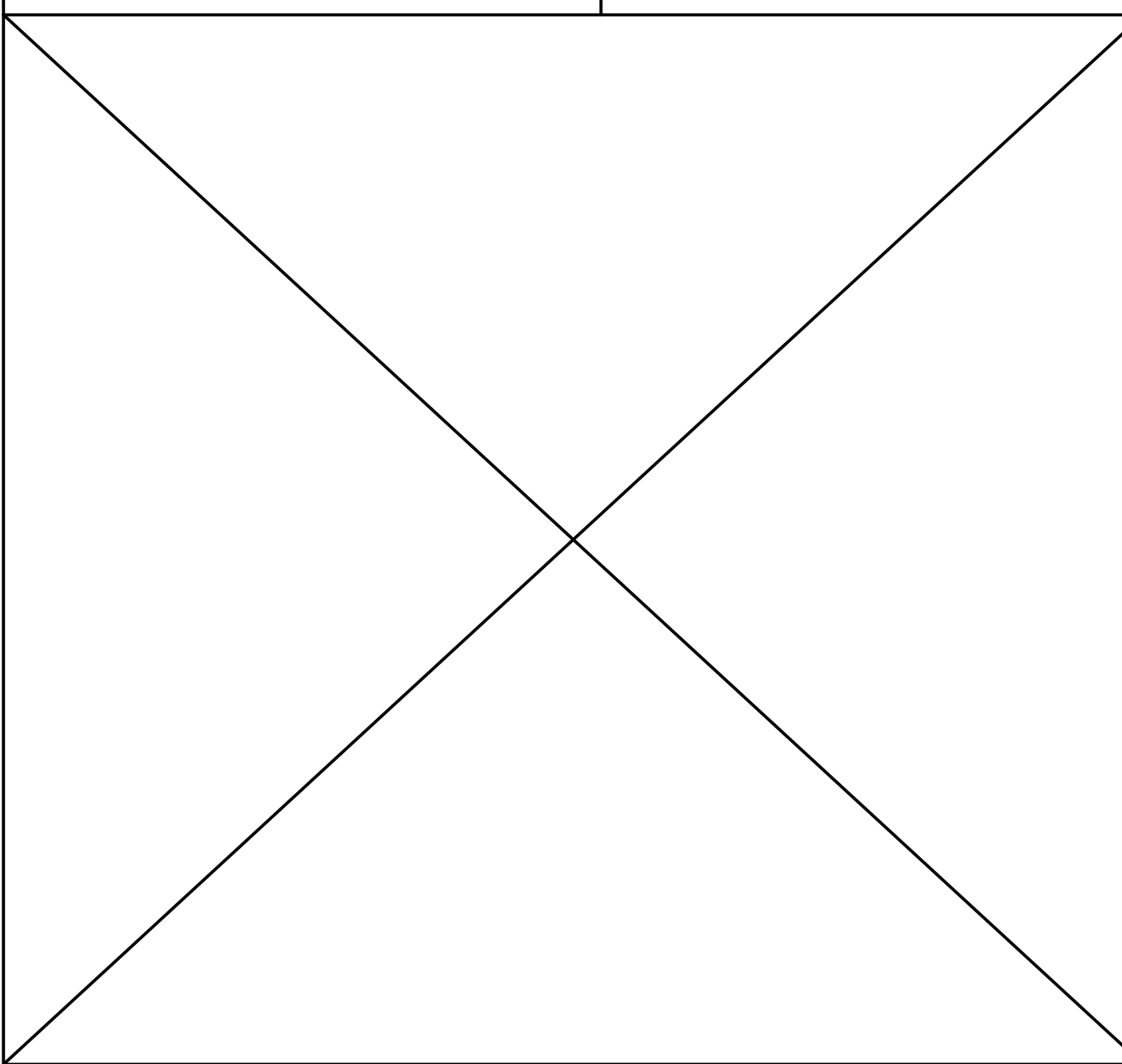
13. ROOF DRAIN CALCULATIONS:

100 YEAR ONE HOUR RAINFALL (IN INCHES) 3.75 (R)
AREA OF ROOF (IN SQUARE FEET) 20,000 (A)
GPM = R x A x 0.0104
GPM = 3.75 x 4,414 x 0.0104
GPM = 160
10' HORIZ. GUTTER AT 1/8" ROOF SLOPE CAPACITY = 1,055 GALLONS PER MINUTE
4"x6" ROOF LEADER CAPACITY = 360 GALLONS PER MINUTE
ROOF LEADERS REQUIRED = 2
ROOF LEADERS PROVIDED = 2



MATERIAL SYMBOLS

GRAPHIC SYMBOLS



AREA INCREASE CALCULATIONS

GENERAL CONTRACTOR:

FERN CREEK GROUP
PO BOX 127, RICHBURG, SC 29729
803-789-6266
ferncreekgroup@gmail.com
G# 123277

CIVIL CONTRACTOR:

TO BE PROVIDED AT PERMITTING

PLUMBING CONTRACTOR:

N/A

MECHANICAL CONTRACTOR:

N/A

ELECTRICAL CONTRACTOR:

TO BE PROVIDED AT PERMITTING

SPRINKLER CONTRACTOR

N/A

FIRE ALARM CONTRACTOR

N/A

G1 GENERAL INFORMATION

STRUCTURAL

S1 FOUNDATION PLAN

ARCHITECTURAL

A1 FLOOR PLAN

A2 ELEVATIONS/SECTION

A3 LIFE SAFETY PLAN

ELECTRICAL

E1 POWER/LIGHTING PLAN

ISSUED FOR CODE REVIEW
DATE OF ISSUE: 6-26-2025
THESE PLANS HAVE NOT BEEN APPROVED BY THE BUILDING DEPARTMENT. PLANS SHOULD BE STAMPED "APPROVED FOR CONSTRUCTION" BY THE BUILDING DEPARTMENT PRIOR TO BIDDING OR CALCULATING TAKE-OFFS.



233 Johnston Street
Rock Hill, SC 29730
Cell: 803-417-2790
mcrump@spectrum-inc.com

Professional Building Design

Professional Consultant Seal:

General Notes:

1. ALL CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH THE 2021 EDITION OF THE SOUTH CAROLINA BUILDING CODE, AS WELL AS ALL LOCAL BUILDING CODES.
2. ANY PENETRATIONS INTO RATED ASSEMBLIES SHALL BE PERFORMED SO AS TO NOT ALTER OR DECREASE THE RATING OF THE ASSEMBLY.
3. APPROVED SIGNS SHALL BE POSTED AT ALL HANDICAPPED ACCESSIBLE ELEMENTS.
4. A TACTILE SIGN STATING "EXIT" IN RAISED VISUAL CHARACTERS AND BRAILLE AND COMPLYING WITH ICC A117.1 SHALL BE PROVIDED ADJACENT TO EACH DOOR TO AN EGRESS STAIRWAY, AN EXIT PASSAGEWAY AND THE EXIT DISCHARGE PER IBC 1013.4.
5. ALL DOOR HARDWARE SHALL BE OF APPROVED BARRIER FREE DESIGN THAT REQUIRES NO TWISTING OR TURNING.
6. ALL WOOD IN CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESSURE TREATED.
7. ALL FIRE RATED PARTITIONS SHALL BE LABELED ABOVE ALL DECORATIVE CEILINGS WITH THE WORDING "FIRE AND SMOKE BARRIER - PROTECT ALL OPENINGS".
8. ALL DECORATIVE CURTAINS & DRAPERIES SHALL BE NON-COMBUSTIBLE OR FLAME RESISTANT IN ACCORDANCE WITH NFPA 701. OWNER TO PROVIDE CERTIFICATION.
9. INSTALL MAXIMUM OCCUPANT CONTENT SIGN IN ALL ASSEMBLY AREAS IN ACCORDANCE WITH THE IBC.
10. DOORS INTO ELECTRICAL/MECHANICAL ROOMS SHALL BE LABELED WITH APPROPRIATE SIGNAGE PER IFC 605.3.1.
11. A SIGN STATING "EXIT" IN VISUAL CHARACTERS, RAISED CHARACTERS AND BRAIL, COMPLYING WITH ICC A117.1, SHALL BE PROVIDED ADJACENT TO ALL EXIT STAIRWAYS, PASSAGEWAYS, RAMPS AND DISCHARGES PER 1013.4 OF THE 2021 IBC.
12. CARPETING FOR ALL EXIT ACCESS AREAS SHALL WITHSTAND A MINIMUM CRITICAL RADIANT FLUX OF 0.22 WATTS/SQ. CM. IN ACCORDANCE WITH NFPA 263. G.C. TO PROVIDE CERTIFICATION.
13. ALL EXISTING DIMENSIONS AND CONDITIONS SHALL BE VERIFIED IN THE FIELD. ANY DISCREPANCIES IN CONDITIONS OR DIMENSIONS, WHETHER IN THE FIELD OR ON THE DRAWINGS, SHALL BE BROUGHT TO THE ATTENTION OF THE DESIGNER FOR CLARIFICATION BEFORE PROCEEDING WITH THE AFFECTED PART OF THE WORK.
14. SUSPENDED CEILING SYSTEMS SHALL CONFORM TO C.I.S.C.A. SEISMIC ZONES 3 & 4 FOR SEISMIC RESTRAINT. PROVIDE CEILING GRID EXPANSION JOINTS FOR CEILING AREAS GREATER THAN 2,500 SQ. FT.
15. SUPPORT LAY-IN LIGHTS FROM EACH CORNER OF THE LIGHT TO THE STRUCTURE.
16. IT IS NOT INTENDED THAT THE DRAWINGS SHOW ALL DETAILS OF CONSTRUCTION, BUT THE GENERAL CONTRACTOR SHALL BE REQUIRED TO FURNISH AND INSTALL ALL MATERIALS NECESSARY TO COMPLETE THE SCOPE OF WORK IN ACCORDANCE WITH THE DRAWINGS AND SPECIFICATIONS. THE GENERAL CONTRACTOR SHALL FURNISH AND INSTALL ALL PARTS WHICH MAY BE REQUIRED BY THE DRAWINGS AND OMITTED BY THE SPECIFICATIONS OR VICE VERSA, JUST AS THOUGH REQUIRED BY BOTH. SHOULD THERE APPEAR TO BE ANY DISCREPANCIES OR A QUESTION OF INTENT, THE GENERAL CONTRACTOR SHALL REFER TO THE DESIGNER FOR DECISIONS AND HIS INTERPRETATION SHALL BE FINAL, CONCLUSIVE AND BINDING.

REVISIONS

Project Title:

BULLOCKS CREEK
VOLUNTEER FIRE
DEPARTMENT ADDITION
2250 SC HIGHWAY 97
SHARON, SC 29742

Sheet Title:

GENERAL INFO

Project No.:

5985

Drawn By:

MAC

Scale:

AS SHOWN

Date:

5-6-2025

Checked By:

MAC

Sheet No.:

G1

CONTRACTORS

DRAWING INDEX

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 7. ALL FIRE RATED PARTITIONS SHALL BE LABELED ABOVE ALL DECORATIVE CEILINGS WITH THE WORDING 'FIRE AND SMOKE BARRIER - PROTECT ALL OPENINGS'.
 8. ALL DECORATIVE CURTAINS & DRAPERIES SHALL BE NON-COMBUSTIBLE OR FLAME RESISTANT IN ACCORDANCE WITH NFPA 701. OWNER TO PROVIDE CERTIFICATION.
 9. INSTALL MAXIMUM OCCUPANT CONTENT SIGN IN ALL ASSEMBLY AREAS IN ACCORDANCE WITH THE IBC.
 10. DOORS INTO ELECTRICAL/MECHANICAL ROOMS SHALL BE LABELED WITH APPROPRIATE SIGNAGE PER IFC 605.3.1.
 11. A SIGN STATING 'EXIT' IN VISUAL CHARACTERS, RAISED CHARACTERS AND BRAIL, COMPLYING WITH ICC A117.1, SHALL BE PROVIDED ADJACENT TO ALL EXIT STAIRWAYS, PASSAGEWAYS, RAMPS AND DISCHARGES PER 1013.4 OF THE 2021 IBC.
 12. CARPETING FOR ALL EXIT ACCESS AREAS SHALL WITHSTAND A MINIMUM CRITICAL RADIANT FLUX OF 0.22 WATTS/SQ. CM. IN ACCORDANCE WITH NFPA 263. G.C. TO PROVIDE CERTIFICATION.
 13. ALL EXISTING DIMENSIONS AND CONDITIONS SHALL BE VERIFIED IN THE FIELD. ANY DISCREPANCIES IN CONDITIONS OR DIMENSIONS, WHETHER IN THE FIELD OR ON THE DRAWINGS, SHALL BE BROUGHT TO THE ATTENTION OF THE DESIGNER FOR CLARIFICATION BEFORE PROCEEDING WITH THE AFFECTED PART OF THE WORK.
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A REQUESTED BY COUNTY 4-8-26

No.	Description	Date
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REVISIONS

Project Title:

BULLOCKS CREEK
VOLUNTEER FIRE
DEPARTMENT ADDITION
2250 SC HIGHWAY 97
SHARON, SC 29742

Sheet Title:

ARCHITECTURAL

Project No.:

5985

Drawn By:

MAC

Checked By:

MAC

Scale:

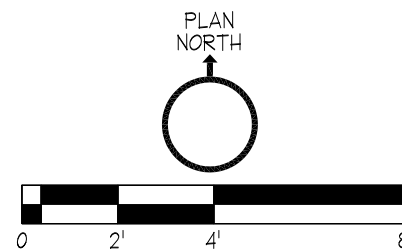
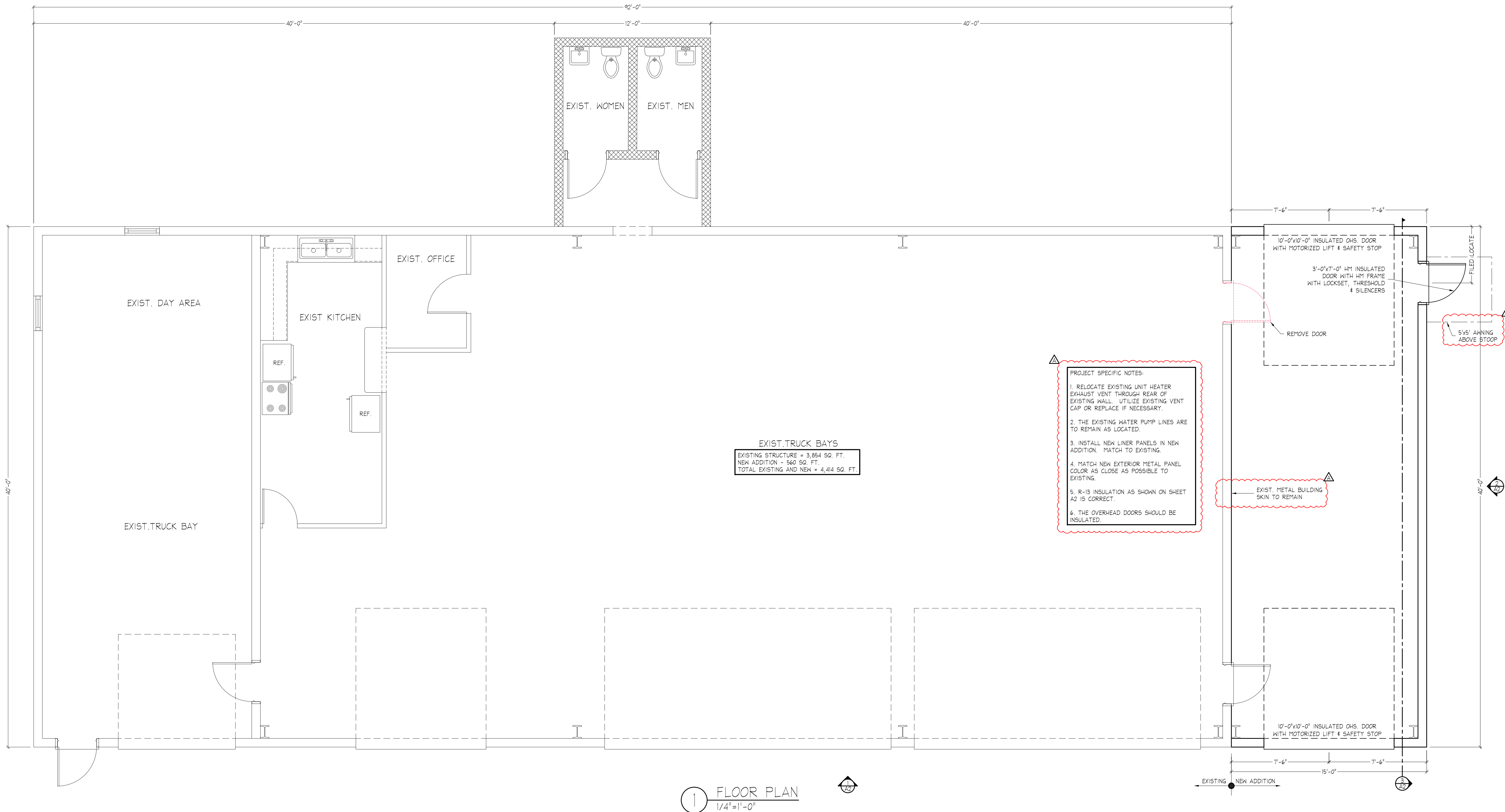
AS SHOWN

Sheet No.:

A1

Date:

2-18-2025



- General Notes:**
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BULLOCKS CREEK
VOLUNTEER FIRE
DEPARTMENT ADDITION
2250 SC HIGHWAY 97
SHARON, SC 29742

Sheet Title:

ARCHITECTURAL

Project No.:

5985

Drawn By:

MAC

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MAC

Scale:

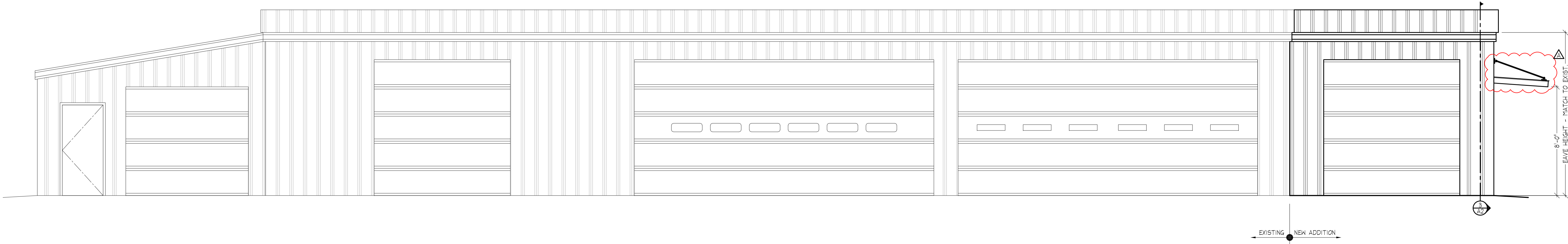
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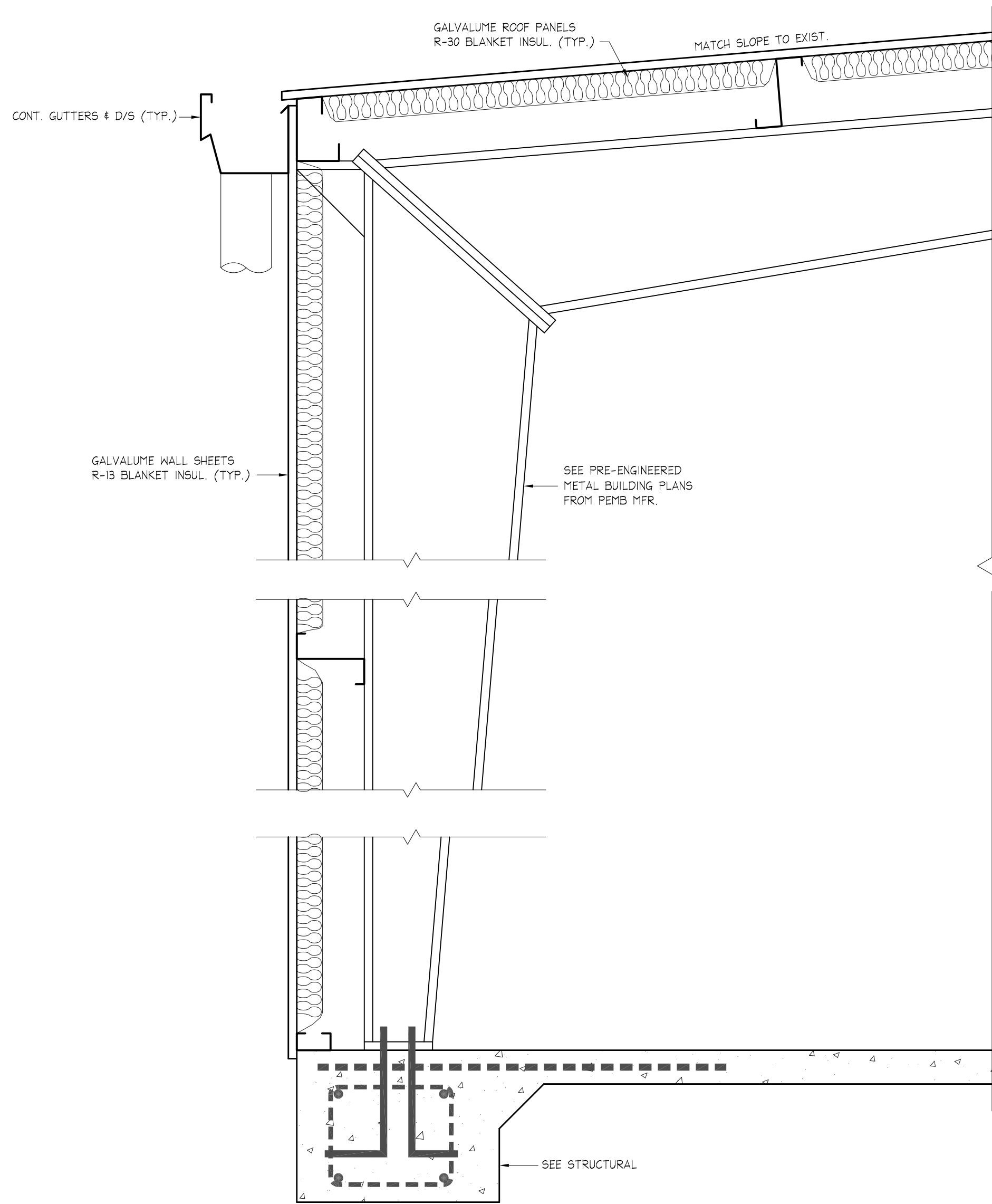
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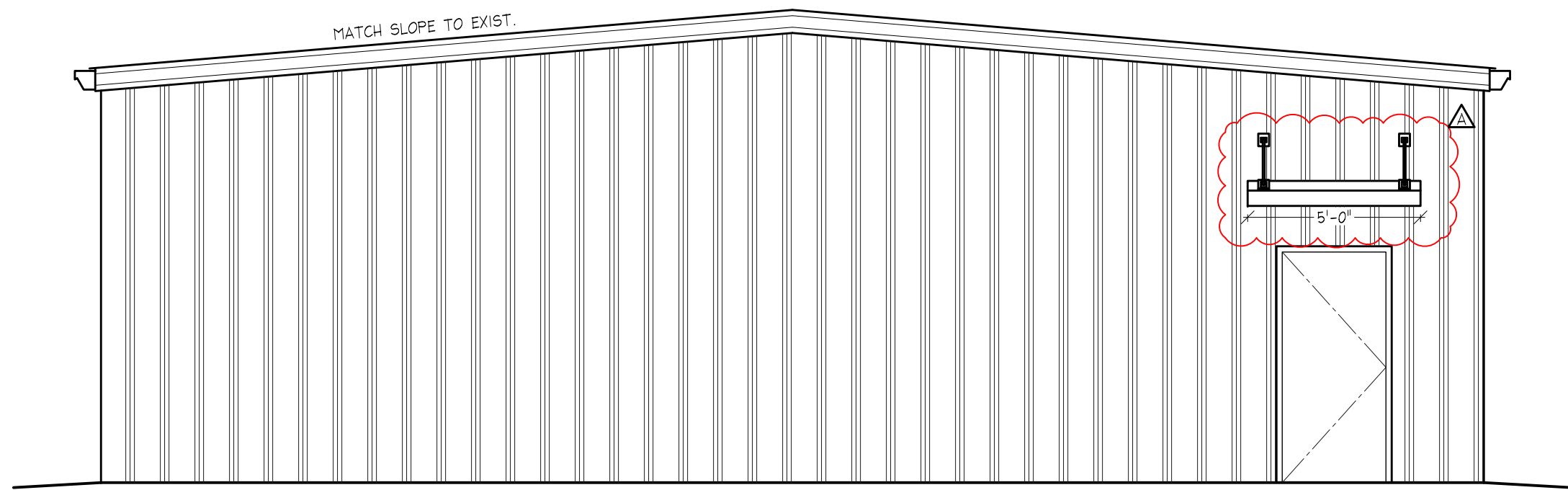
2-19-2025



1 PLAN SOUTH ELEVATION
1/4"=1'-0"



3 TYP. WALL SECTION
1"=1'-0"



2 PLAN EAST ELEVATION
1/4"=1'-0"

ISSUED FOR CODE REVIEW

DATE OF ISSUE: 4-8-2026

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A REQUESTED BY COUNTY 4-8-26

No. Description Date

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Project Title:

BULLOCKS CREEK
VOLUNTEER FIRE
DEPARTMENT ADDITION
2250 SC HIGHWAY 97
SHARON, SC 29742

Sheet Title:

ARCHITECTURAL

Project No.:

5985

Drawn By:

MAC

Checked By:

MAC

Scale:

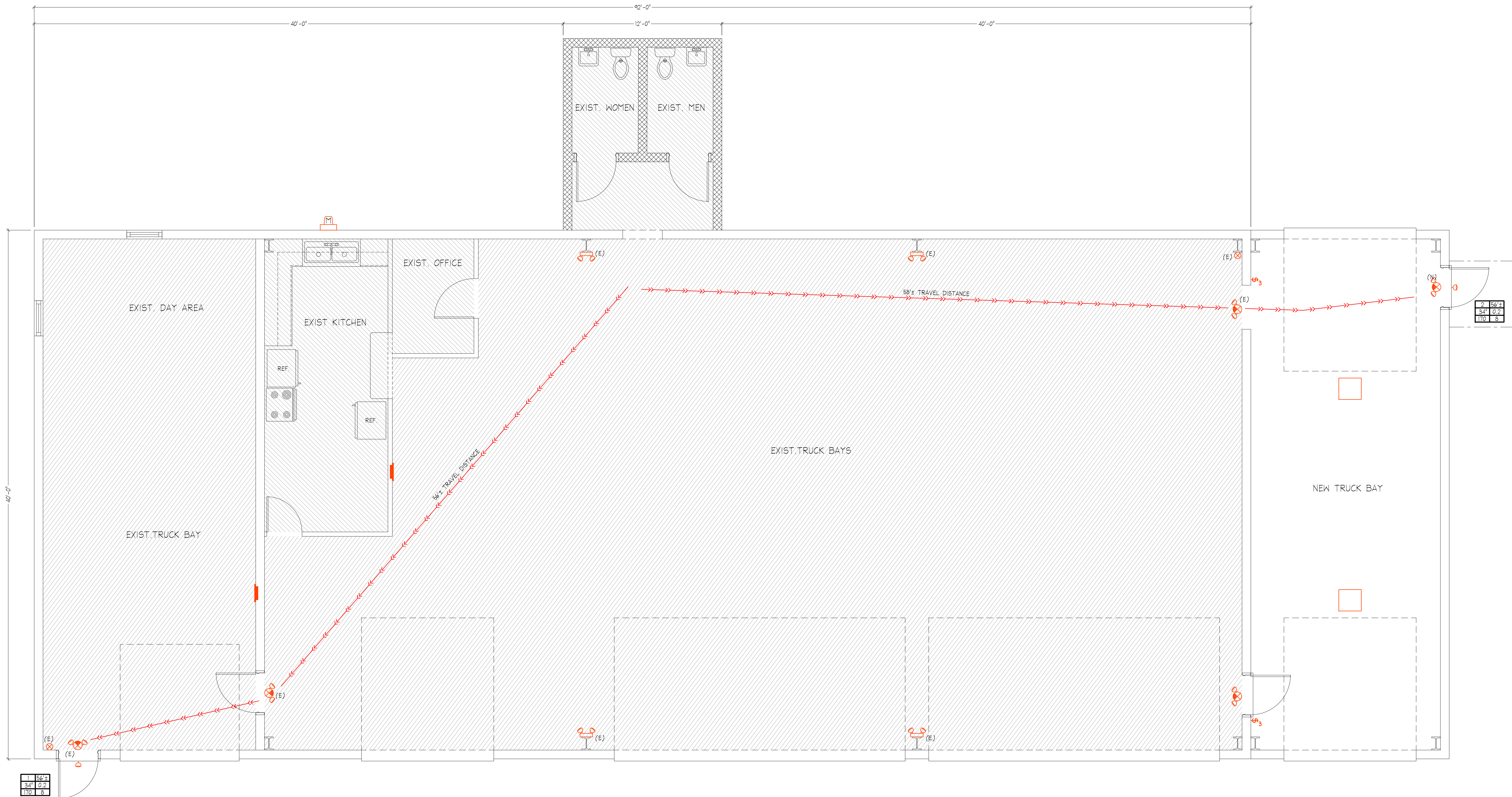
AS SHOWN

Sheet No.:

A3

Date:

2-18-2025



1 LIFE SAFETY PLAN
1/4"=1'-0"

SYMBOL	DESCRIPTION
[Symbol]	UNRATED WALL OR PARTITION
[Symbol]	RATED WALL OR PARTITION
[Symbol]	WALL EXTENDS TO ROOF DECK
[Symbol]	PATH OF TRAVEL WITH DISTANCE
[Symbol]	ILLUMINATED EXIT SIGN & REMOTE HEAD
[Symbol]	EMERGENCY FLOOD
[Symbol]	EMERGENCY FLOOD

EXIT CAPACITY SCHEDULE				
EXIT NUMBER	NET CLEAR EXIT WIDTH (INCHES)	EXIT WIDTH PER PERSON (EGRESS FACTOR)	EXIT CAPACITY (PEOPLE) USING EXIT	ACTUAL PERSONS USING EXIT
1	34"	0.2	170	8
2	34"	0.2	170	8

OCCUPANCY TABLE SUMMARY				
ROOM TYPE	USE	OCCUPIED AREA	OCCUPANT LOAD FACTOR (GF PER OCCUPANT)	OCCUPANT LOAD
B	BUSINESS	410	150	3
S	STORAGE	3,766	300	13

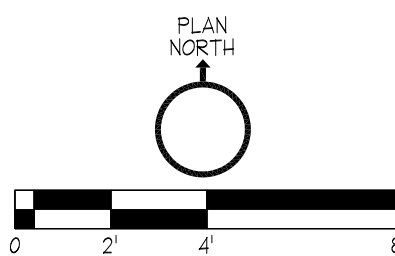
MEANS OF EGRESS			
TYPE OF OCCUPANCY	COMMON PATH LIMIT UN-SPRINKLERED 1006.2.1	DEAD END LIMIT UN-SPRINKLERED 1020.5	TRAVEL DISTANCE LIMIT UN-SPRINKLERED 1017.2
S	75 FEET	20 FEET	200 FEET

FOR BUILDING CODE ANALYSIS REFER TO SHEET G1.

EXIT DOOR NUMBER	LONGEST TRAVEL DISTANCE
EXIT CLEAR WIDTH	EXIT CAPACITY FACTOR
EXIT CAPACITY	# PERSONS USING EXIT

OCCUPANCY HATCH LEGEND	
HATCH	OCCUPANCY USE
[Hatch]	ASSEMBLY
[Hatch]	BUSINESS
[Hatch]	EDUCATIONAL
[Hatch]	FACTORY
[Hatch]	HAZARDOUS
[Hatch]	RESIDENTIAL
[Hatch]	STORAGE
[Hatch]	UTILITY

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General Notes:

1. THESE DRAWINGS AND ELECTRICAL INSTALLATIONS WERE PREPARED AND INSTALLED PER THE 2020 NATIONAL ELECTRICAL CODE AND THE AUTHORITY HAVING JURISDICTION (AHL).
2. MARKED EQUIPMENT LOCATIONS ARE FOR BEST REFERENCE AND INFORMATION.
3. PENETRATIONS THROUGH WALL AND CEILING ASSEMBLIES SHALL NOT ALTER FIRE, WATER, MOISTURE AND AIR CODE RATINGS.
4. ALL MATERIALS SHALL BE NEW AND LISTED WITH A U.S. AGENCY SUCH AS: "UL", "MET LABS", "ETL", ETC. MARKS SHOWING "CE" ONLY, WITHOUT AGENCY MARKS, ARE NOT ACCEPTABLE.
5. PANELBOARD CIRCUITS SHALL BE PERMANENTLY MARKED WITH NAME AND USE.
6. MARK A 36" CLEAR FLOOR SPACE IN FRONT OF ALL PANELBOARDS WITH EITHER YELLOW TAPE OR PAINT THE WIDTH OF THE PANELBOARD.
7. UNLESS OTHERWISE MARKED, CONDUCTORS SHALL BE COPPER, DUAL LISTED THHN/THWN, RATED 90°C, SIZED PER PANELBOARD SCHEDULE. TYP. "NM" NON-METALLIC SHEATHED CABLE SHALL NOT BE USED.
8. PER NEC 110.14(C)(6)(3), 60° C TABLE IS USED FOR WIRING SIZES 100a AND LESS. FIELD USE OF 75° C WIRE TABLE MAY BE USED, ONLY IF ALL EQUIPMENT IS MARKED AT LEAST 75° C USE.
9. ELECTRICAL CONTRACTOR SHALL VERIFY OLD/NEW EQUIPMENT COMPATABILITY, FURNISH, INSTALL, AND GUARANTEE WORKMANSHIP FOR ONE YEAR. CONTRACTOR SHALL PROVIDE EQUIPMENT WARRANTY INFORMATION TO THE OWNER AT THE CLOSE OF THE PROJECT.
10. CONTRACTOR SHALL CONTACT THE DESIGN ENGINEER OF ERRORS OR OMISSIONS. THE ENGINEER SHALL RENDER FINAL DECISIONS.
11. CONTRACTOR IS RESPONSIBLE AND SHALL ENFORCE THEIR ELECTRICAL WORKER SAFETY POLICIES ON SITE SUCH AS: NEC, TIE RISE, LOCK OUT TAG OUT, AND SAFETY TAPE.
12. IF NOT PROVIDED BY MANUFACTURER, FLASH PROTECTION WARNING LABELS SHALL BE PLACED ON APPLICABLE EQUIPMENT FOR THIS PROJECT PER ARTICLE 110.16.
13. IF APPLICABLE, PROVIDE A 20a DISCONNECT SWITCH AT OVERHEAD DOOR MOTORS.
14. THE LIGHTING SYSTEM IS DESIGNED TO PROVIDE AN EMERGENCY LIGHTING ILLUMINATION LEVEL OF ONE (1) FOOT CANDLE AT THE WALKING SURFACE FOR A MINIMUM OF NINETY (90) MINUTES UPON A LIGHTING SYSTEM POWER FAILURE.

A	REQUESTED BY COUNTY	4-8-26
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REVISIONS

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VOLUNTEER FIRE
DEPARTMENT ADDITION
2250 SC HIGHWAY 97
SHARON, SC 29742

Sheet Title:

ELECTRICAL

Project No.:

5985

Drawn By:

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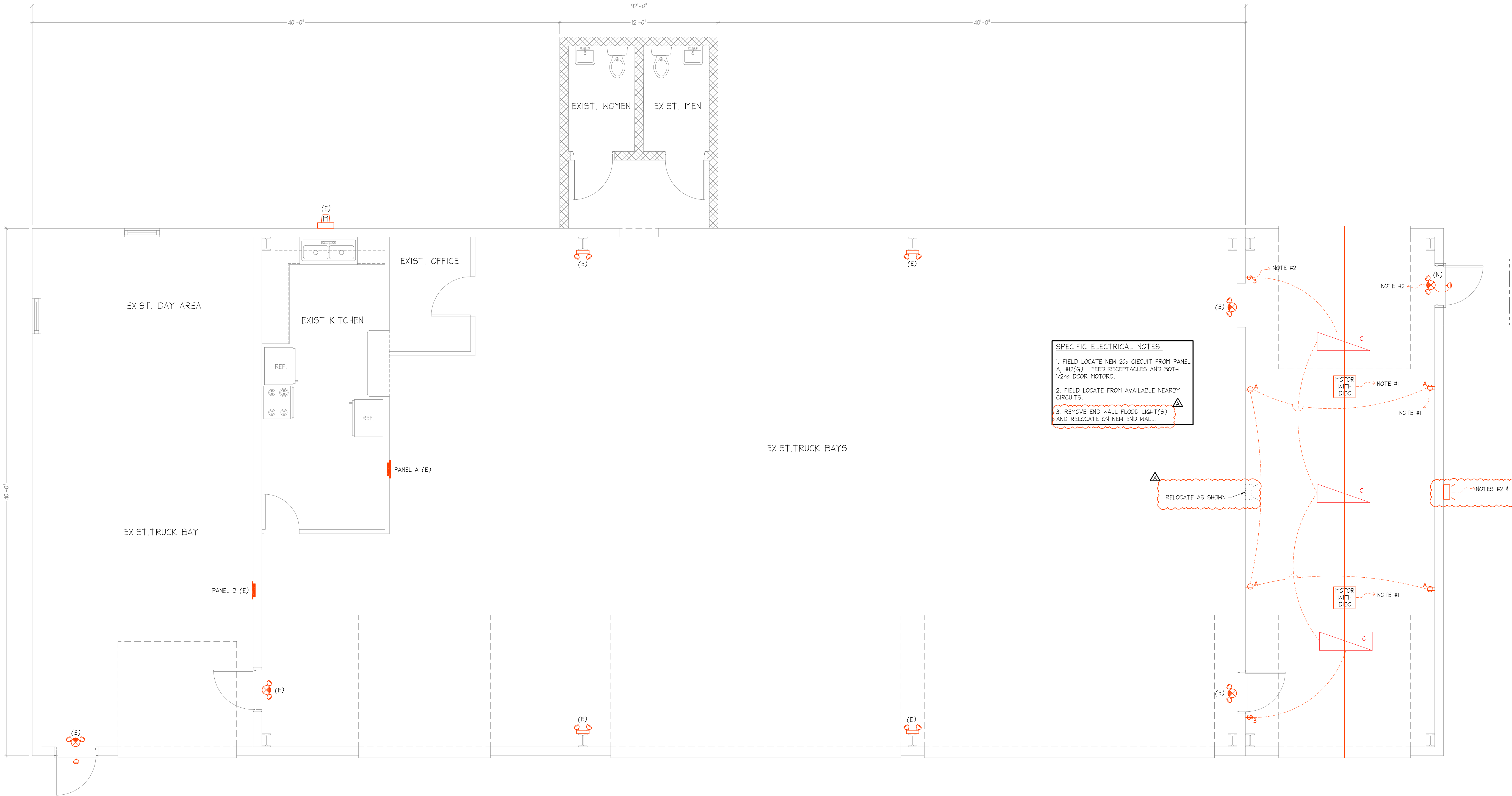
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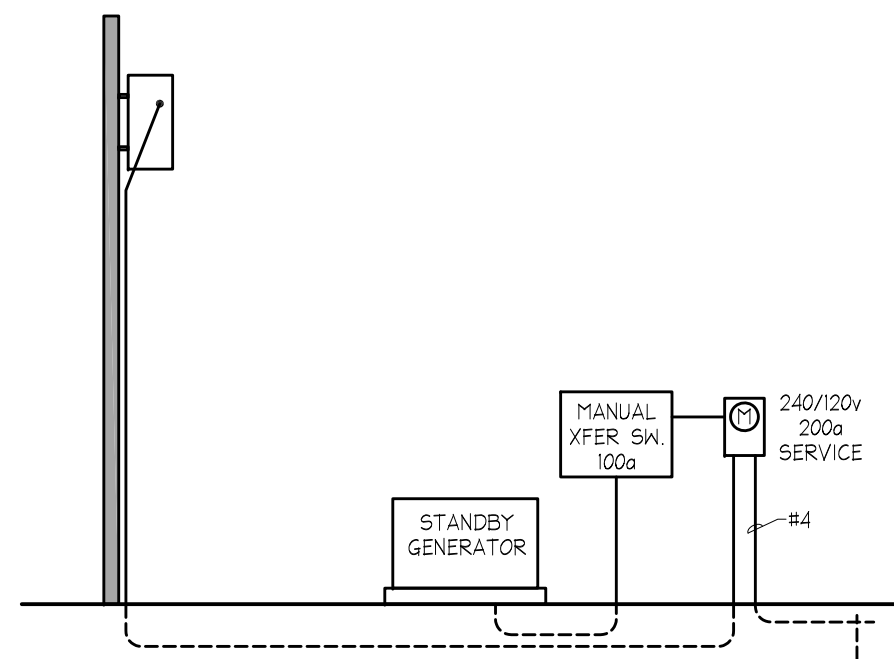
E1

Date:

2-18-2025



1 POWER/LIGHTING PLAN
1/4" = 1'-0"



2 POWER RISER
NO SCALE - NO CHANGES

NOTE:

THE ELECTRICAL SYSTEM ON THIS DRAWING HAS BEEN DRAFTED IN RED INK. USE A PRINTING SERVICE THAT WILL PRINT THIS DRAWING IN COLOR FOR OPTIMUM CLARITY.

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PLAN NORTH

