

VINTON BAPTIST CHURCH

200 SOUTH MAPLE ST

VINTON, VIRGINIA

CONSTRUCTION DOCUMENTS

SEPTEMBER 02, 2025

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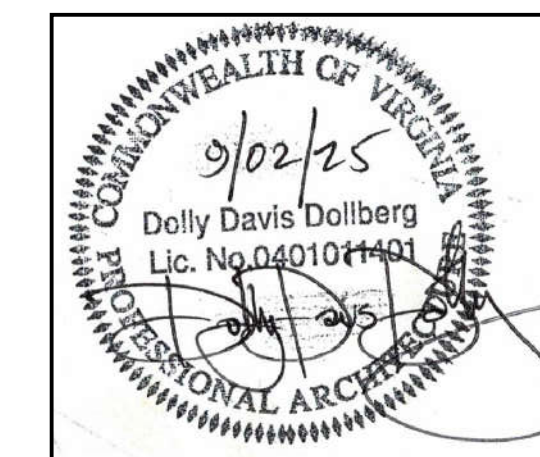
COVER SHEET

ARCHITECTURAL

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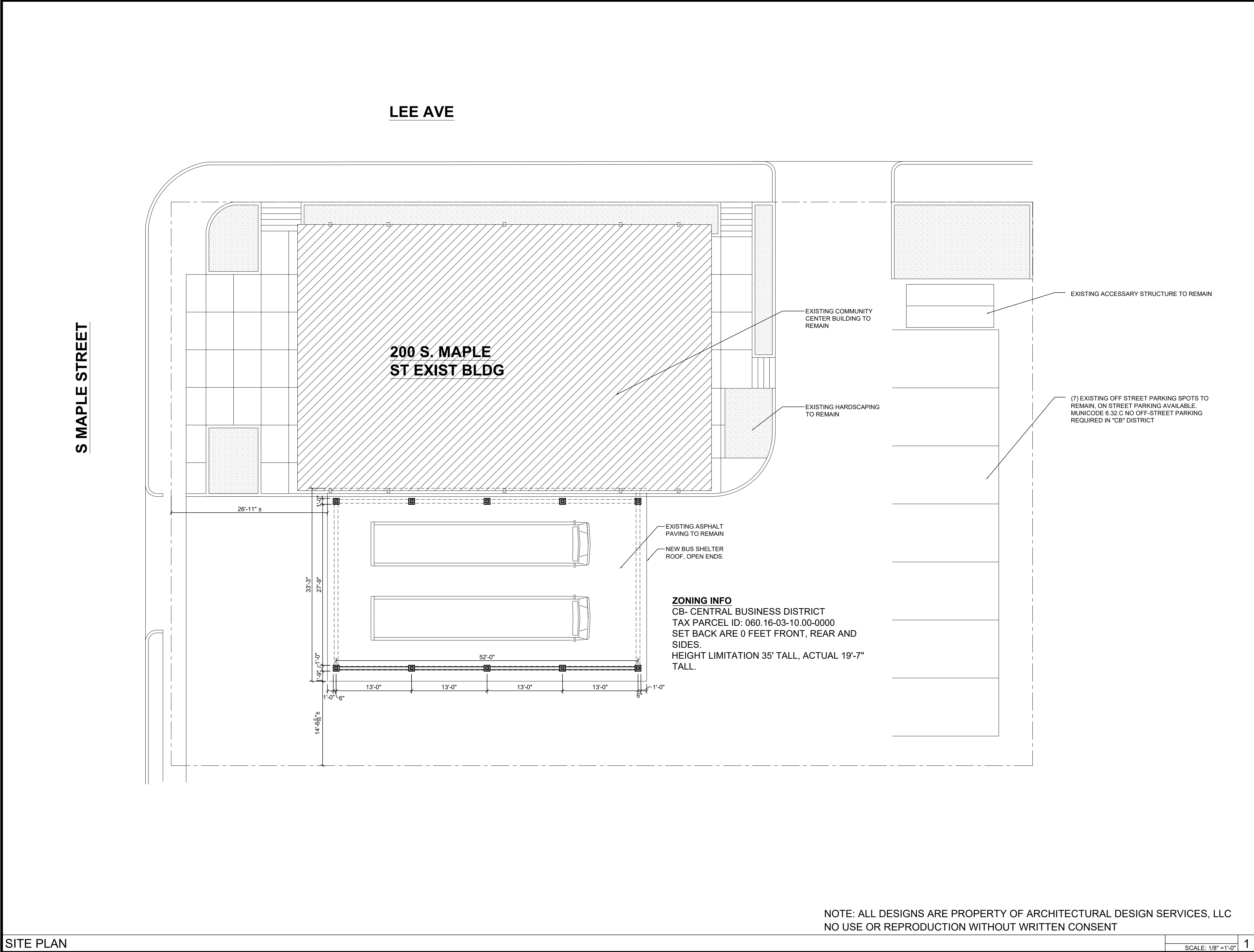
- AE101 FIRST FLOOR ELECTRICAL LAYOUT



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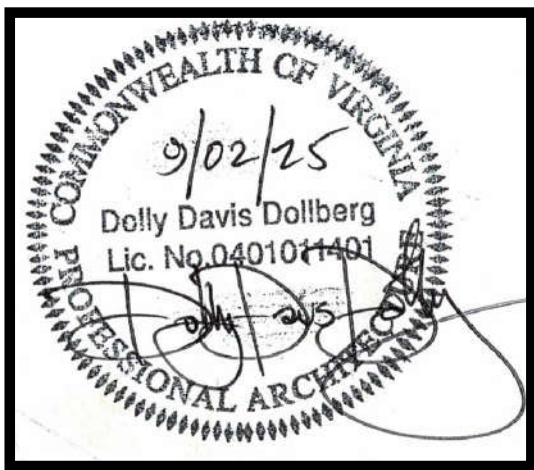


NOTES



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VINTON BAPTIST
CHURCH
200 S MAPLE ST
VINTON, VIRGINIA



DATE	SEPTEMBER 02, 2025
PROJECT ARCHITECT	DDD
STRUCTURAL ENGINEER	
REVISIONS	NUMBER DATE

SHEET TITLE

BASIC SITE PLAN
OVERALL
A100

PROJECT DATA

PROJECT DESCRIPTION

ADDITION 1,828SF BUS SHELTER ADDITION TO AN EXISITNG A-3 COMMUNITY CENTER FOR VINTON BAPTIST CHURCH. THIS ADDITION WILL BE AN ACCESSORY USE TO THE MAIN OCCUPANCY WITH NO INTERIOR SPACE AS BOTH ENDS ARE OPEN TO THE EXTERIOR.

SCOPE OF WORK

THE PROJECT WILL INCLUDE THE FOLLOWING ELEMENTS AND SYSTEMS. NEW BUS SHELTER STRUCTURE WILL HAVE NEW CONCRETE FOOTINGS AND FOUNDATIONS COLUMNS AND A ROOF STRUCTURE COVERING THE EXISTING ASPHALT WHERE THE BUSES PARK. ONE SIDE HAS A SCREENING PARTITION TO BLOCK THE SUN, BOTH ENDS ARE OPEN WITH NO CONDITIONED SPACE. GENERAL LIGHTING, EXIT LIGHTS AND EGRESS LIGHTING ARE PROVIDED FOR PUBLIC SAFETY.

DESIGN CRITERIA DESIGN MEETS VCC 2021

ALL ELECTRICAL, PLUMBING AND MECHANICAL WORK SHALL BE PERFORMED BY A MASTER TRADESMAN CERTIFIED TO DESIGN AND MODIFY RESPECTIVE BUILDING SYSTEMS.

ALL VENDOR INSTALLED EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH CURRENT VCC REQUIREMENTS.

CODE INFORMATION

OCCUPANCY A-3,
CONSTRUCTION TYPE 5-B
ONE STORY
2,124SF INTERIOR SPACE + 1,828SF COVERED EXTERIOR SPACE/BUS SHELTER

OCCUPANCY:
BUSINESS A-3 - ALLOWABLE 1 STORIES 40' TALL AND 6,000SF ALLOWABLE.

NON SPRINKLERED BUILDING
MAXIMUM EXIT ACCESS TRAVEL DISTANCE - ASSWMBLY= 200FT (NS),
ACTUAL = 55'/2 = 27.5'.
DEAD END ALLOWABLE IS 20FT , EXIST NO DEAD END CORRIDOR

OCCUPANCY

BUSINESS AREA = ACTUAL SEATS, 21 PEOPLE
INCLUDING (2) HANDICAPPED
STORAGE = 67SF/300 = 1 PEOPLE
KITCHEN = 578SF/200 = 3 PERSON
TOTAL = 25 PEOPLE

DESIGN CRITERIA (CONT'D)

2021 VCC - VIRGINIA CONSTRUCTION CODE

2020 NEC - VIRGINIA CONSTRUCTION CODE

2021 VPC - VIRGINIA CONSTRUCTION CODE

2021 VMC - VIRGINIA CONSTRUCTION CODE

2021 VEBC - VIRGINIA EXISTING BUILDING CODE

2021 VECC - VIRGINIA ENERGY CONSERVATION CODE

2017 ANSI A117.1 Accessible & Usable Buildings & Facilities

FIRE PROTECTION LEGEND

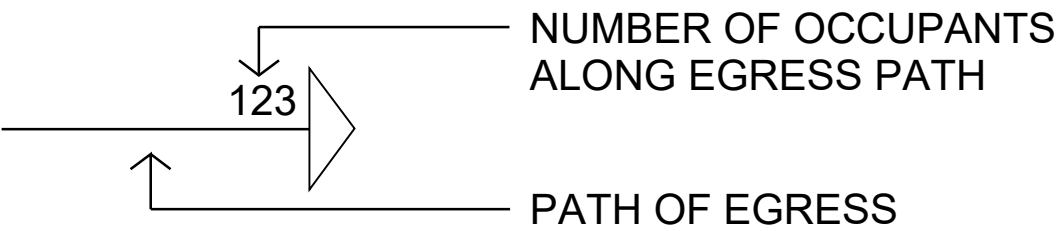
- 1 HR. FIRE RATED WALL
- SMOKE PARTITION (0 HR.)
- 2 HR. FIRE RATED WALL
- 3 HR. FIRE RATED WALL
- 4 HR. FIRE RATED WALL

EGRESS LEGEND

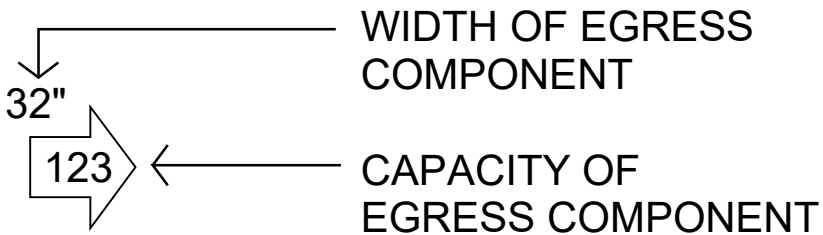
OCCUPANT LOAD CALCULATIONS

102	FLOOR AREA IN S.F.
100	ALLOWABLE S.F. PER PERSON
2	OCCUPANT LOAD

MEANS OF EGRESS



EGRESS CAPACITY OF EXITS



EGRESS LEGEND

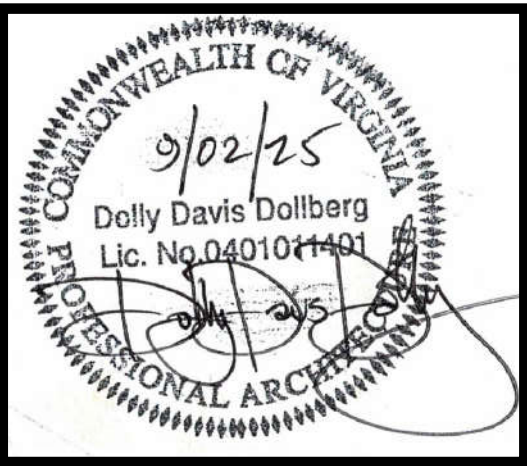
- WALL MOUNTED - ABC CLASS RATING TO MEET HAZARD
- EXIT SIGN, WALL MOUNTED ON BATTERY BACK UP OR EMERGENCY CIRCUIT DARKENED QUADRANT INDICATES STENCILED FACE(S) ARROW=DIRECTION OF EXIT
- EMERGENCY LIGHTING BATTERY PACK

NOTES



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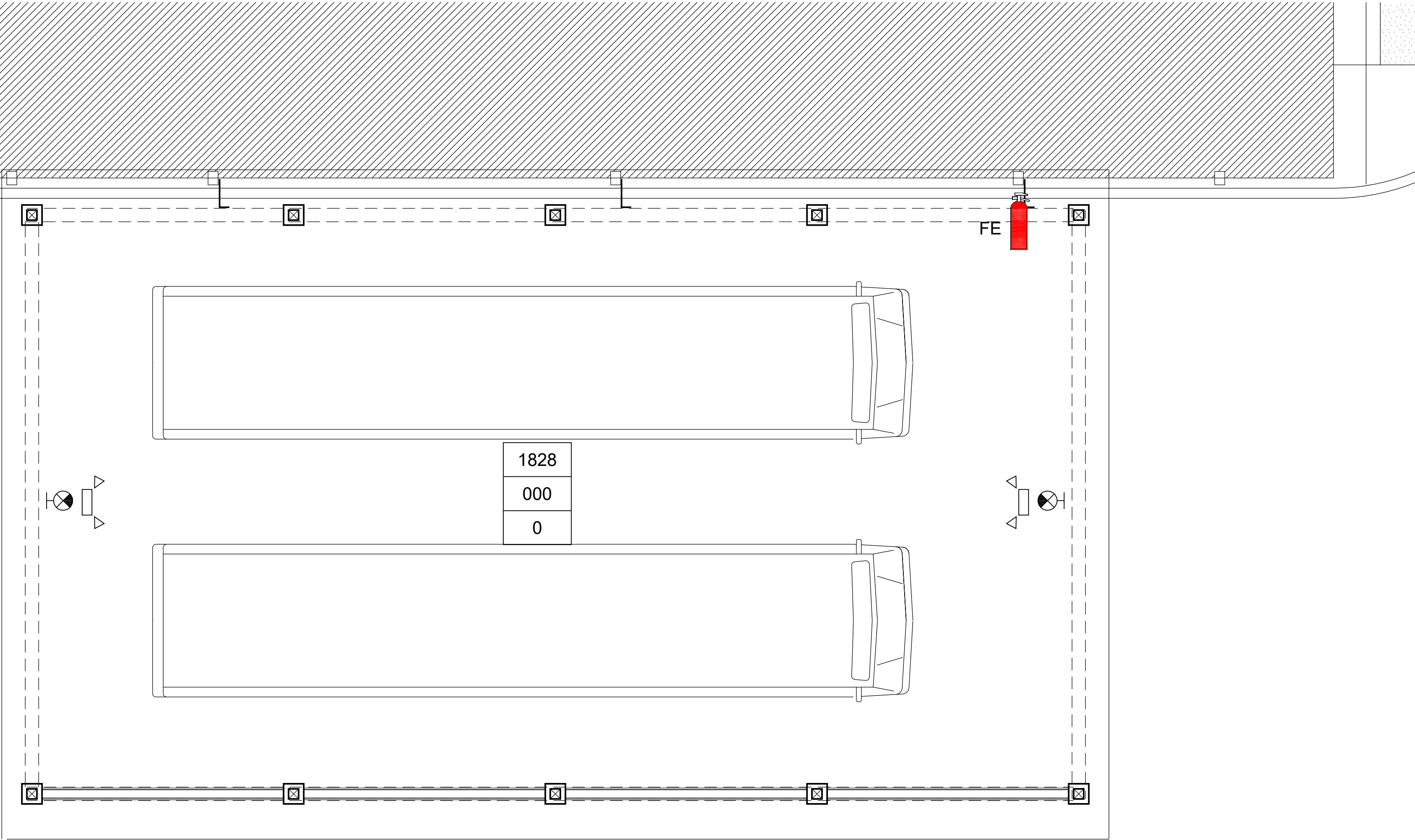
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STRUCTURAL ENGINEER: DDD
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SHEET TITLE

FIRE PROTECTION
CODE ANALYSIS
FP101



EXISTING A-3 COMMUNITY CENTER OF TYPE 2B CONSTRUCTION TO REMAIN. NEW SELF-SUPPORTING BUS SHELTER TO BE CONSTRUCTED ADJACENT TO EXISTING BUILDING THAT IT SERVES. NO ADDITIONAL OCCUPANTS ADDED. THE EXISTING STRUCTURE WILL BE ASSUMED TO BE VB TO COMPLY WITH ADDITION CONSTRUCTION AND MEETS ALL CODE REQUIREMENTS. NO FIRE SEPARATION IS PROVIDED.

FIRE PROTECTION PLAN

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

FIRE PROTECTION LEGEND

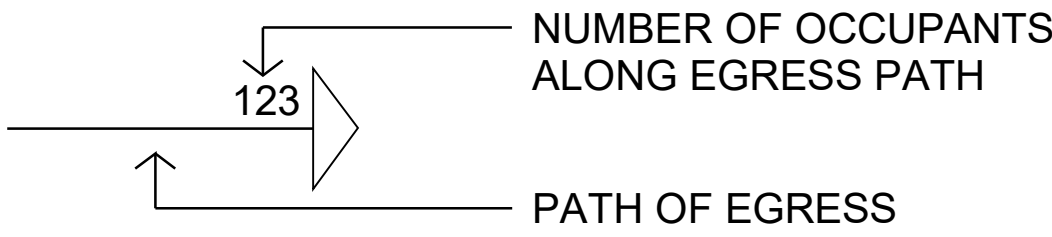
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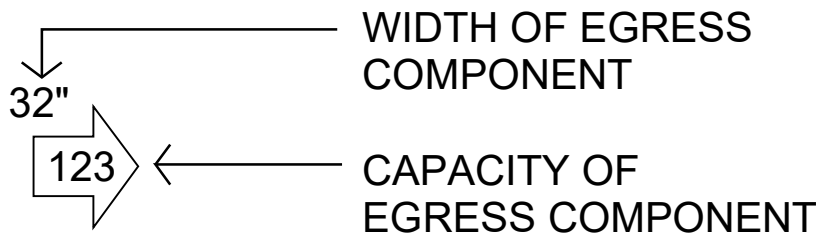
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MEANS OF EGRESS



EGRESS CAPACITY OF EXITS



EGRESS LEGEND

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- EMERGENCY LIGHTING BATTERY PACK

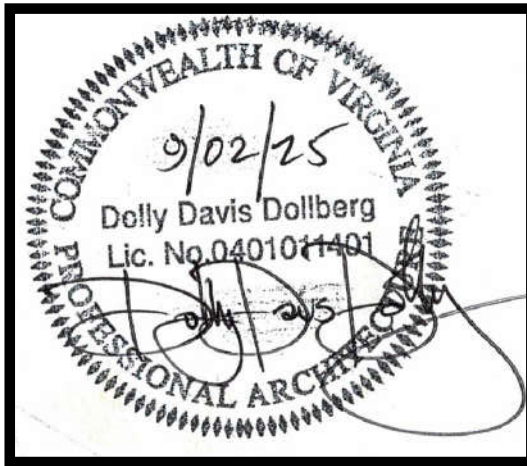
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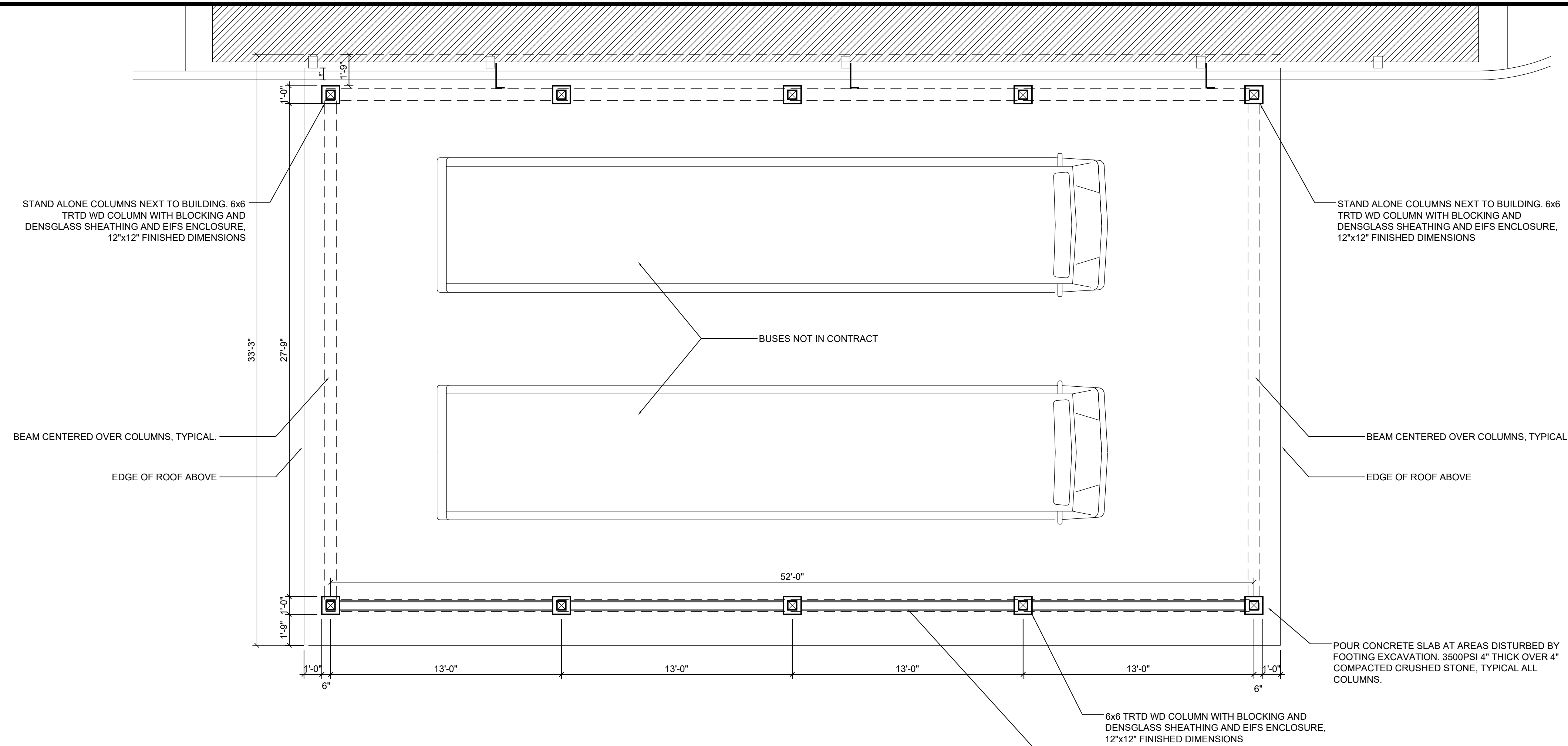
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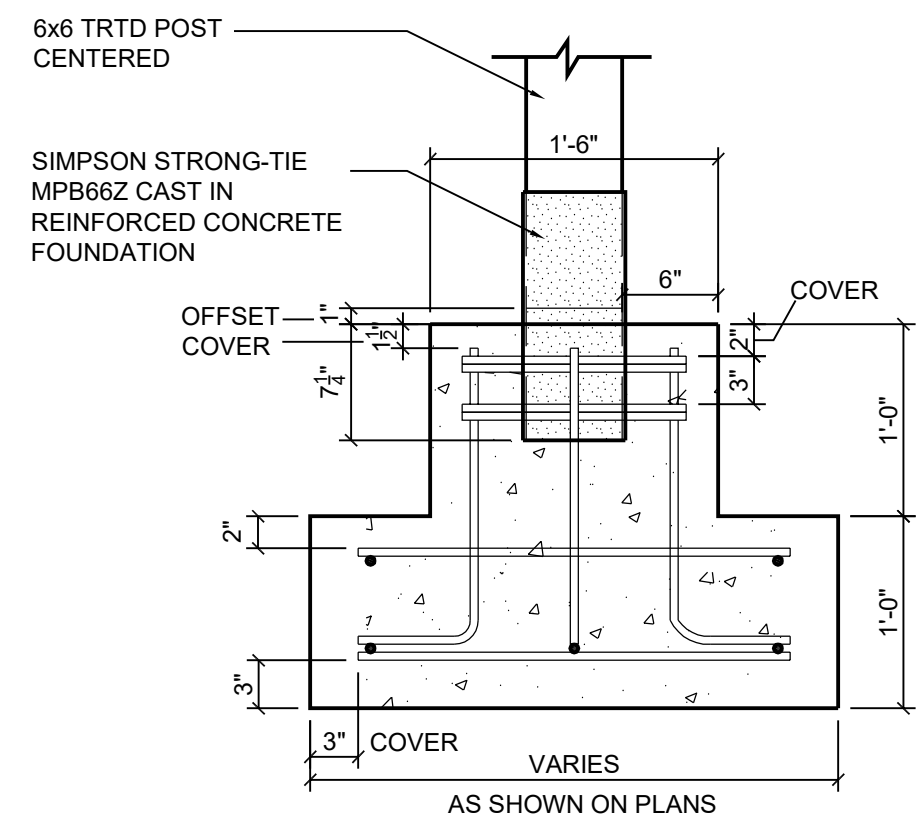
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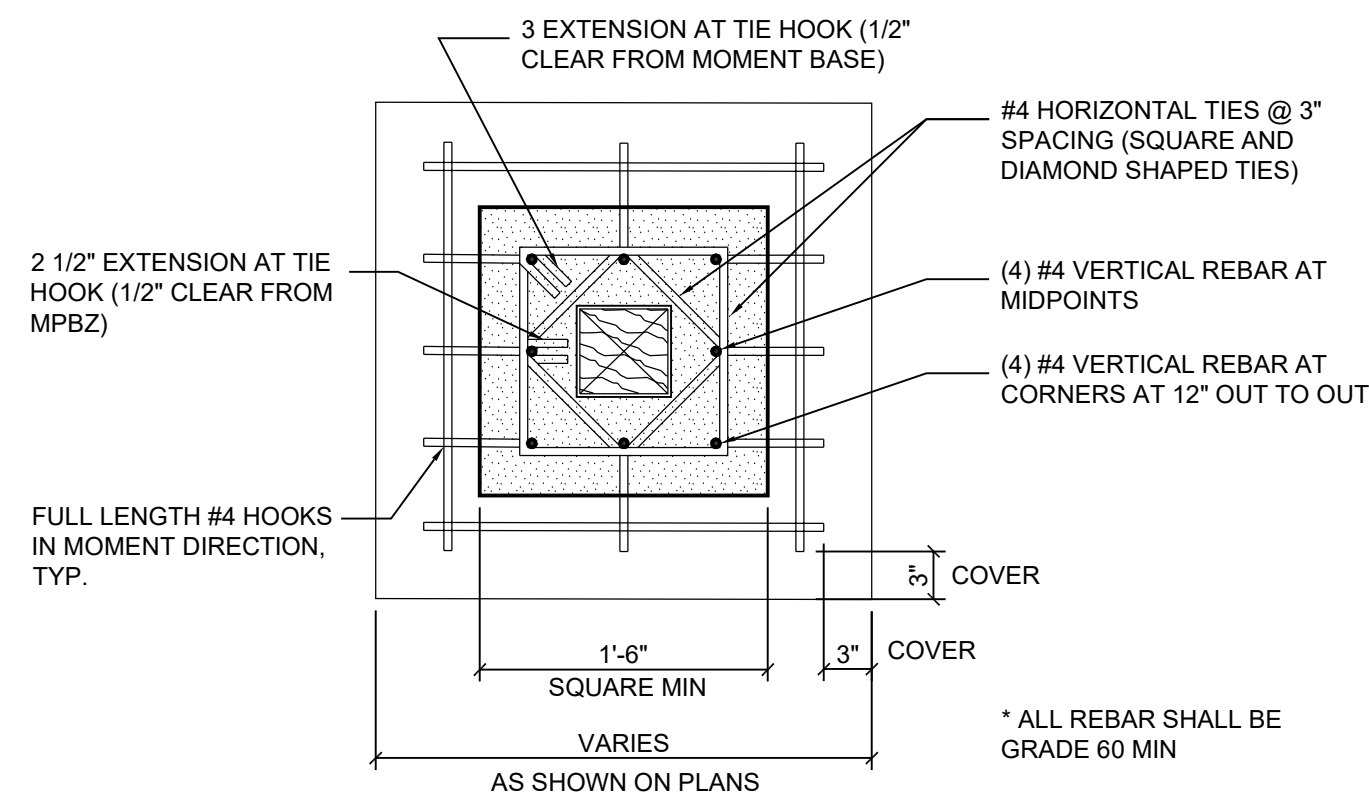
FIRE PROTECTION
FLOOR PLAN
FP102



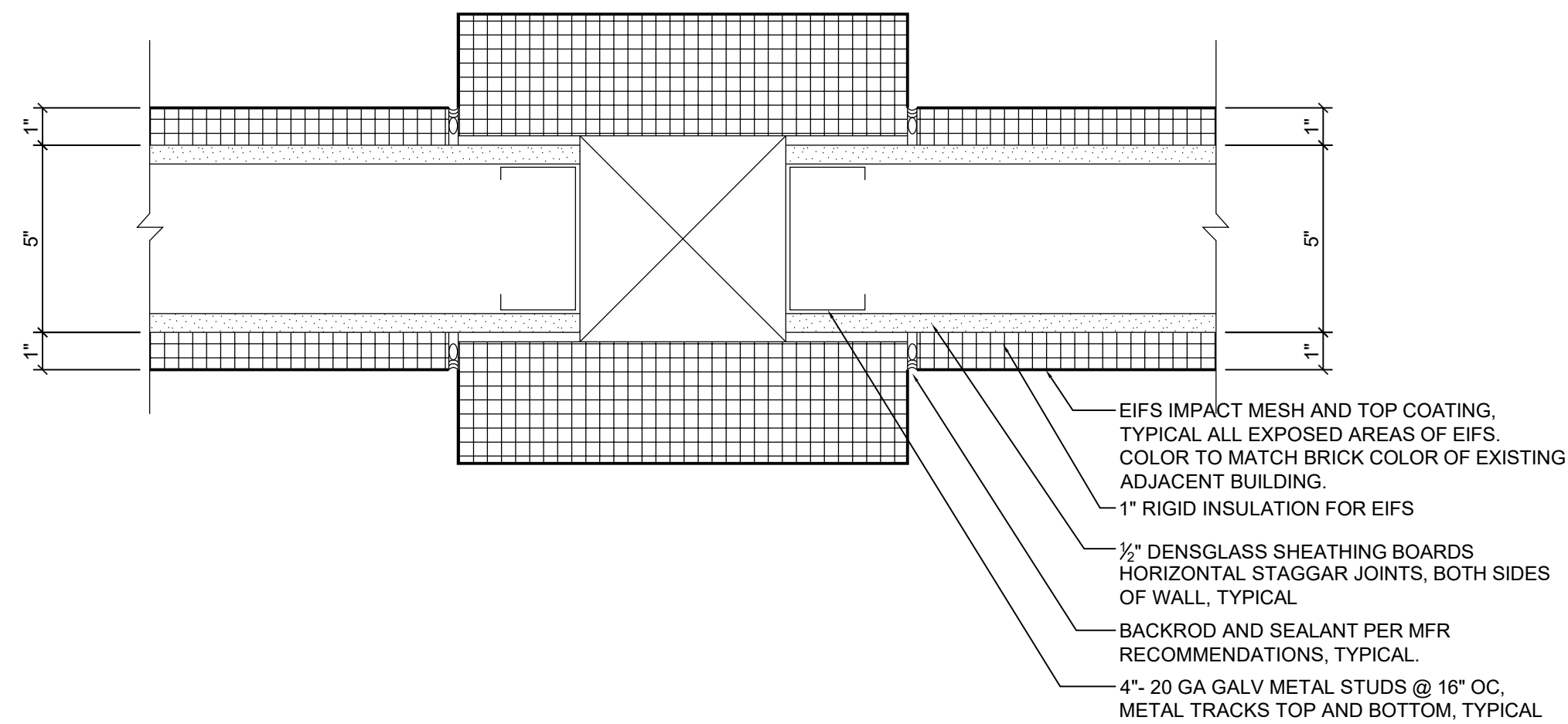
FLOOR PLAN
SCALE: 1/4" = 1'-0"



DETAIL - SECTION MPB66Z
SCALE 1" = 1'-0"



DETAIL - PLAN MPB66Z
SCALE 1" = 1'-0"



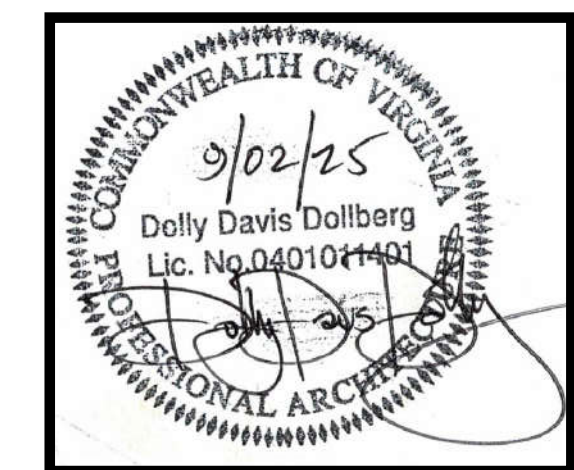
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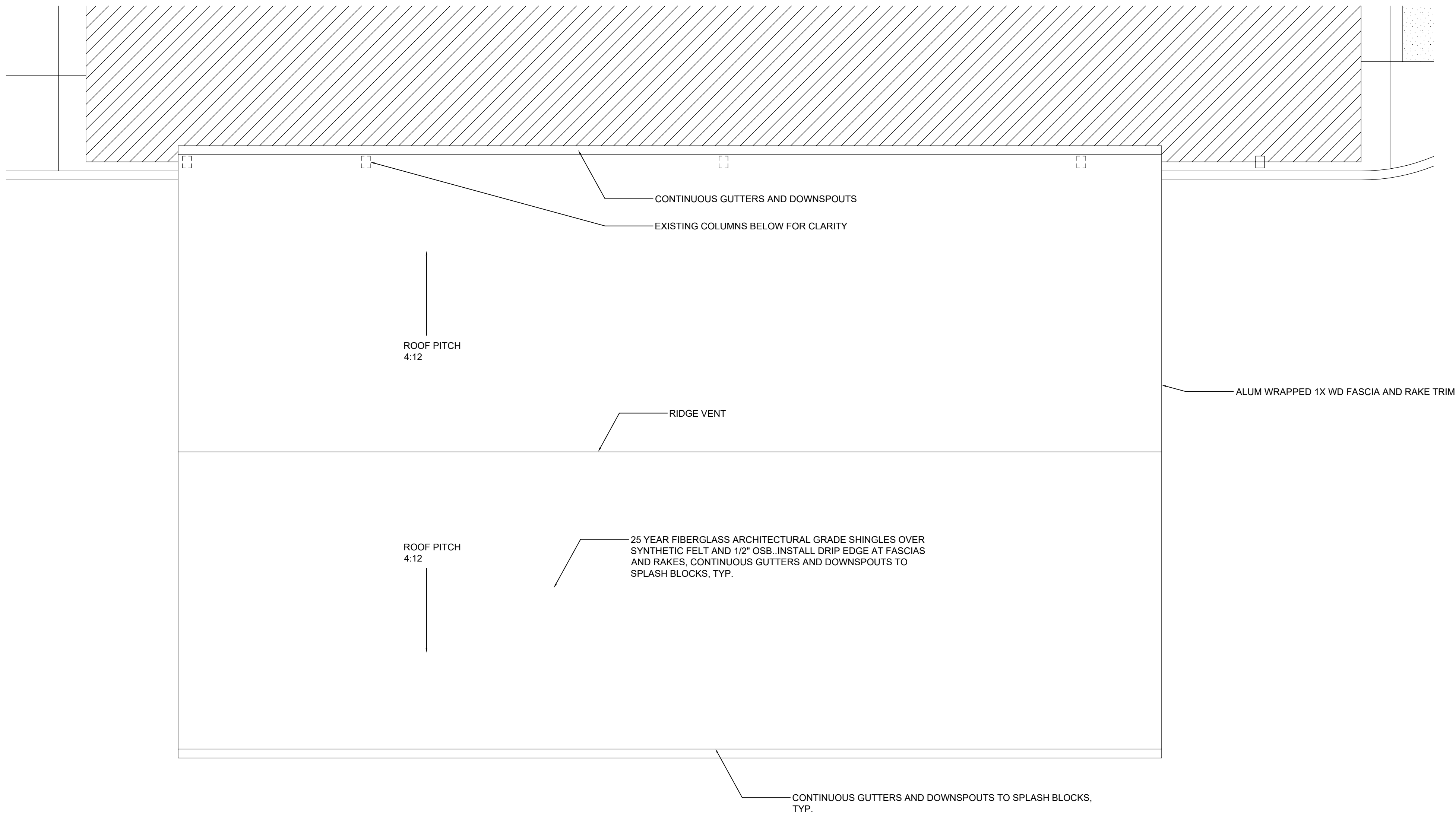
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SHEET TITLE

FLOOR PLAN
BASEMENT
A101



ROOF PLAN

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

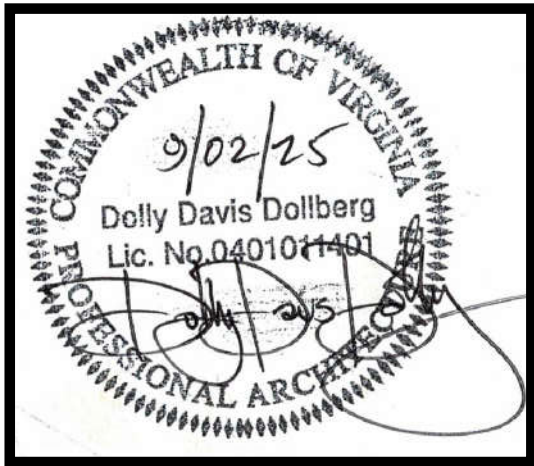
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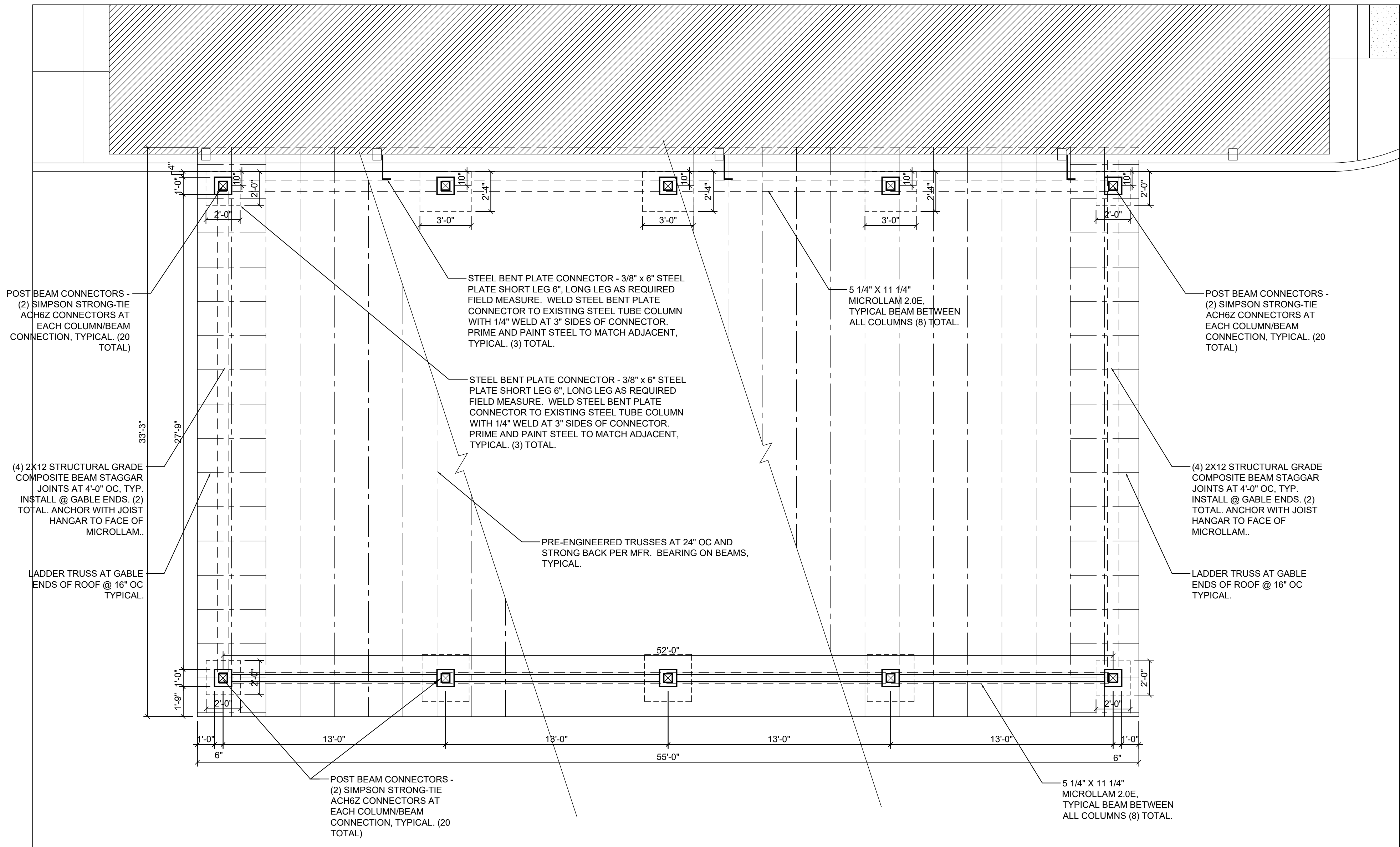
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SHEET TITLE

ROOF PLAN

A102

CONNECTOR SCHEDULE - SIMPSON STRONG-TIE MODEL #'S				
LABEL	CONNECTION TYPE	LOCATION	CONNECTOR TYPE	NOTES
A	COLUMN BASE	COLUMN FOUNDATION	MPB6Z	ALL COLUMN BASES
B	COLUMN/ BEAM	COLUMNS AND BEAMS	ACH6Z	USE PER MID SPAN OR END SPAN, CONDITION
C	BEAM /TRUSS TOP PLATE	ROOF TRUSSES AND BEAMS	H2.5A	INSTALL AT ALL TRUSS BEAM CONNECTIONS



FRAMING AND FOUNDATION PLAN

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

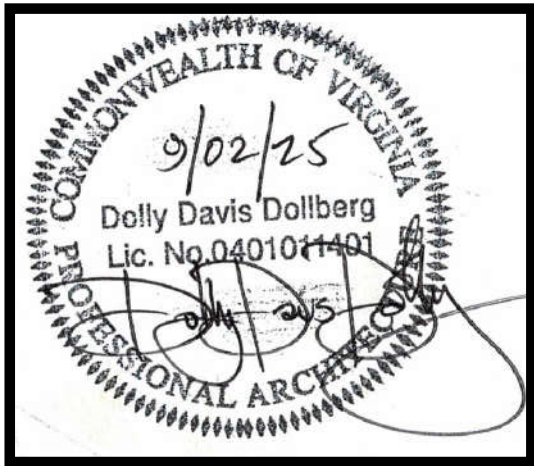
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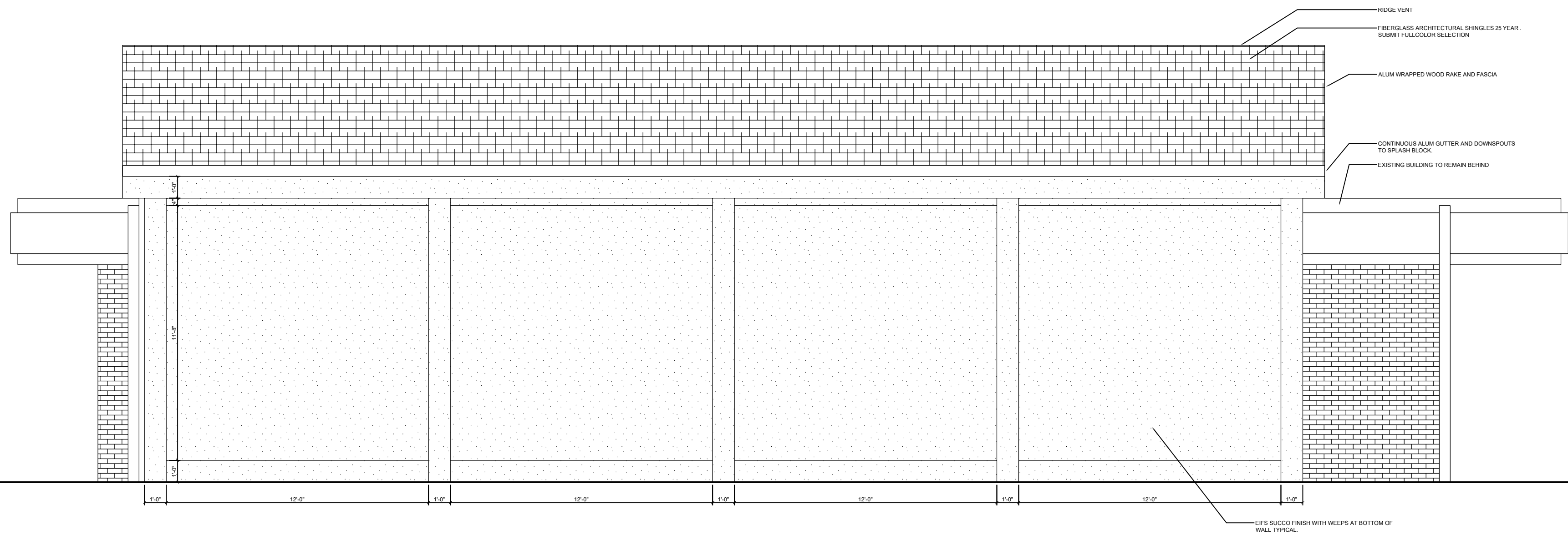


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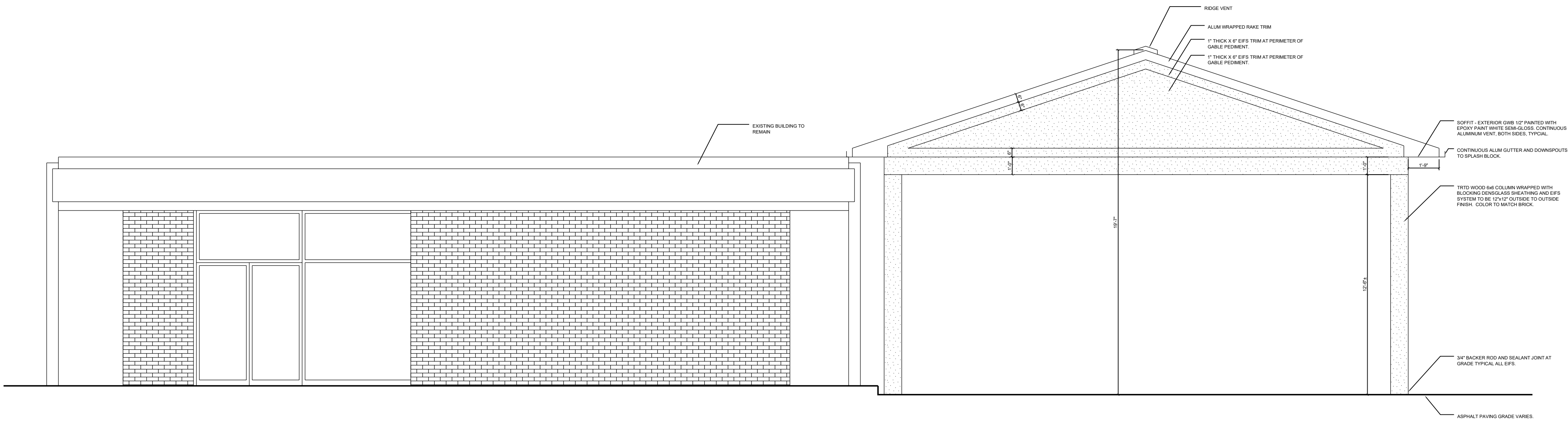
SHEET TITLE

FOUNDATION AND
FRAMING PLAN

A103



SIDE ELEVATION
SCALE : 1" = 1'-0"



FRONT /REAR ELEVATION
SCALE : 1" = 1'-0"

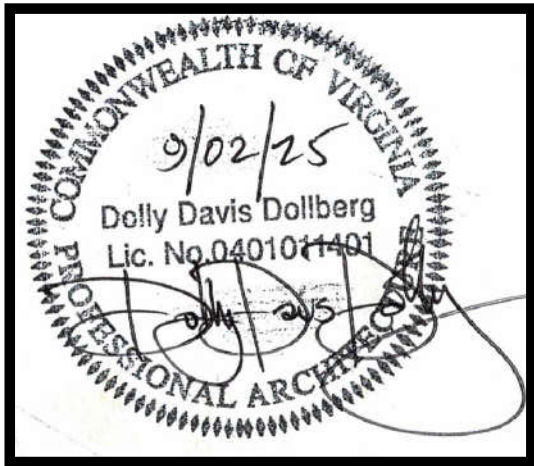
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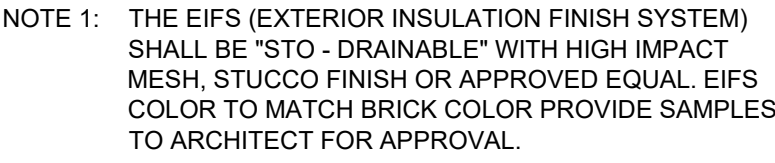
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SHEET TITLE

ELEVATIONS
A501



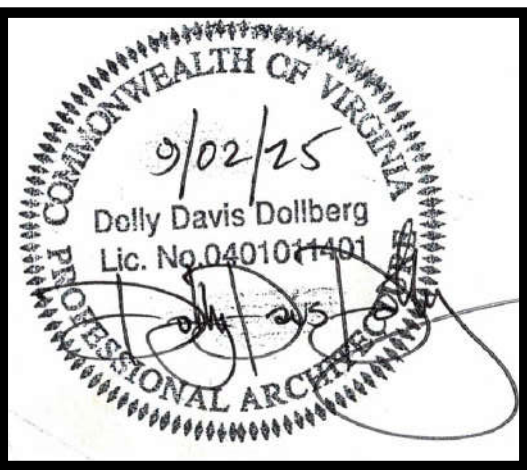
ROANOKE, VA

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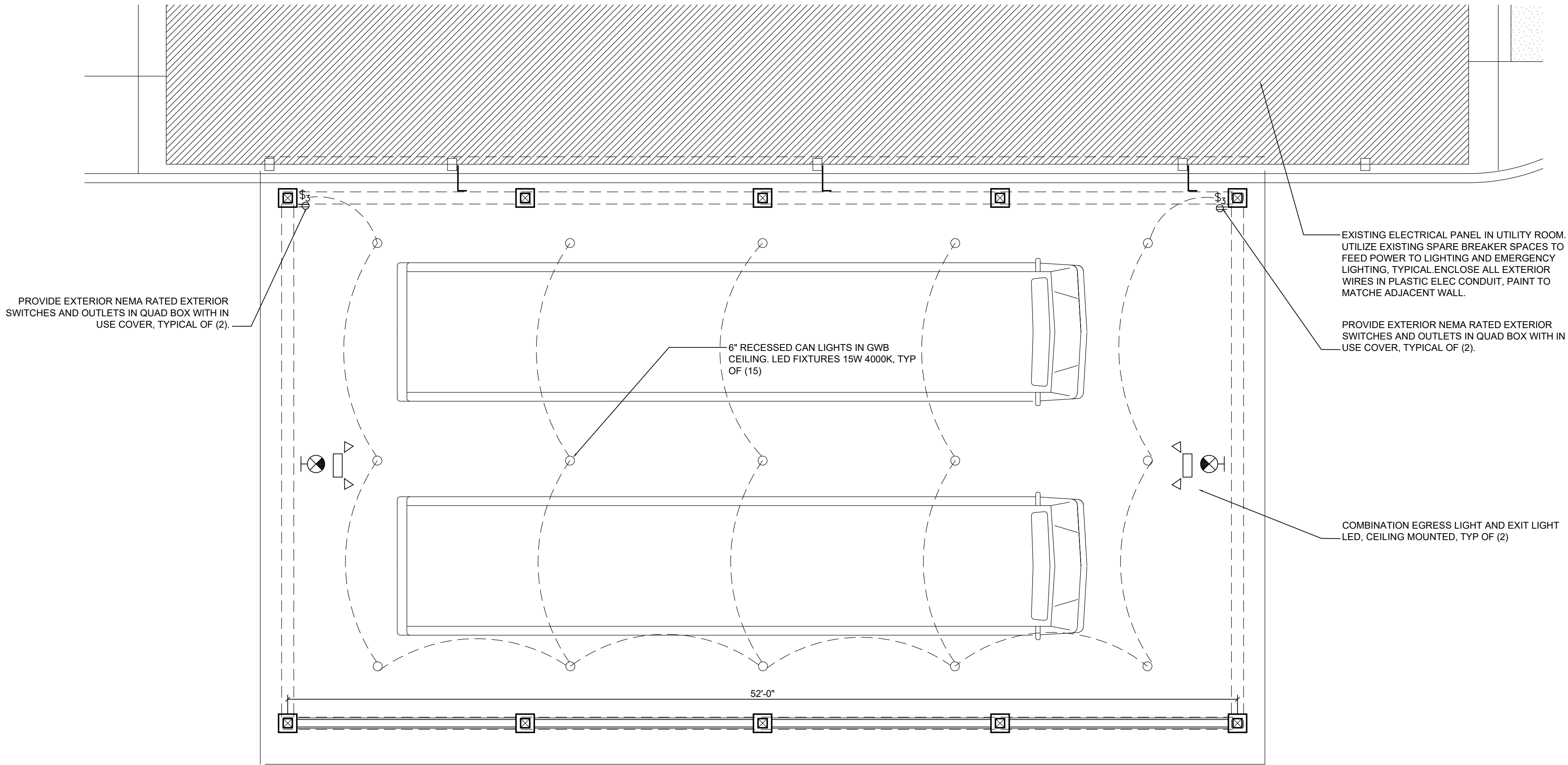


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SECTIONS & DETAILS

A601

SYMBOLS	
	1'x8' LED LIGHT FIXTURE
	1'x4' LED LIGHT FIXTURE
	LED STRIP LIGHT
	TRACK LIGHT
	WALL SCONCE
	RECESSED SHOWER RATED LIGHT
	CEILING MOUNTED LIGHT FIXTURE WITH EMERGENCY BATTERY BACKUP
	WALL MOUNTED LIGHT FIXTURE
	WALL WASHER
	DECORATIVE FIXTURE - PENDANT OR SURFACE MOUNT
	EXIT SIGN, CEILING MOUNTED ON EMERGENCY CIRCUIT DARKENED QUADRANT INDICATES STENCILED FACE(S) ARROW=DIRECTION OF EXIT
	EXIT SIGN, WALL MOUNTED ON EMERGENCY CIRCUIT DARKENED QUADRANT INDICATES STENCILED FACE(S) ARROW=DIRECTION OF EXIT
	BATTERY BACK UP EGRESS LIGHTING
	SWITCHING CIRCUIT
	DOOR BELL
	TELEPHONE OUTLET MOUNTED AT 18\"/>
	DATA OUTLET MOUNTED AT 18\"/>
	3/4\"/>
	COMBO DATA/PHONE OUTLET MOUNTED AT 18\"/>
	COMBO DATA/PHONE OUTLET FLOOR MOUNTED 3/4\"/>
	CABLE, INTERNET
	WATERPROOF LIGHT RECESSED
	COMBINATION BATHROOM FAN LIGHT
	BATH EXHAUST FAN
	110 V DUPLEX RECEPTACLE AT 18\"/>
	GF=GROUND FAULT INTERRUPTER
	110 V 2 DUPLEX (QUAD) RECEPTACLE AT 18\"/>
	GF=GROUND FAULT INTERRUPTER
	110 V 2 DUPLEX (QUAD) RECEPTACLE MOUNTED @ 7\"/>
	220 V RECEPTACLE
	POWER STRIP OUTLET AND USB CONTINUOUS
	RGB LED LIGHT TAPE,
	WALL SWITCH, AT 48\"/>
	THREE WAY WALL SWITCH, AT 48\"/>
	DIMMER SWITCH - ON/OFF SWITCH W/ SEPARATE DIMMER TOGGLE
	TIMER SWITCH
	HARD WIRED SMOKE DETECTOR, INSTALL REQD FOR CODE COMPLIANCE
	HARD WIRED CARBON MONOXIDE DETECTOR



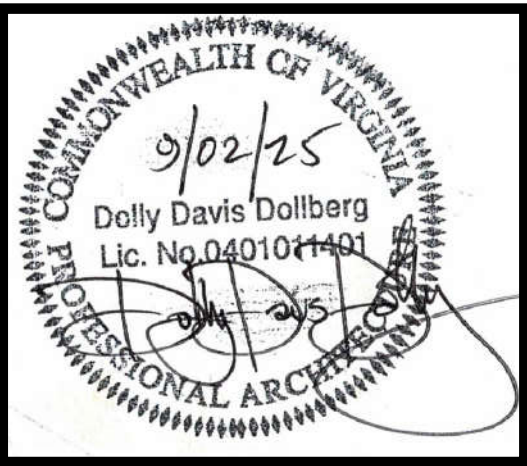
ELECTRICAL LAYOUT

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