



Office of the Vice President
and Chief Financial Officer
Procurement Services
<https://procurement.ufl.edu/>

971 Elmore Drive
PO Box 115250
Gainesville, FL 32611-5250
(352) 392-1331 Fax 352-392-8837

March 19, 2020

ADDENDUM NUMBER 3 ON INVITATION TO BID ITB20KO-136

TITLE: IFAS Demonstration Pavilion – Live Oak, FL

Mandatory pre-bid meeting was held March 17, 2020 at 10:00AM at the site. Bid opening is scheduled for April 9, 2020 at 3:00PM.

This addendum shall be considered part of the Contract Documents for the above-mentioned project as though it had been issued at the same time and incorporated integrally therewith. Where provisions of the following supplementary data differ from those of the original Contract documents, this addendum shall govern and take precedence. Bidders are hereby notified that they shall acknowledge receipt of the addendum.

This addendum consists of:

- Attached 13 pages of revised drawings dated 3/12/2020. These pages replace pages 295-306 of Revised Attachment A issued with Addendum #2.
- Reminder: Contractor questions and requests for clarification are due no later than 3/23/2020 at 5:00PM. Email questions and requests for clarification to kolitsk@ufl.edu.

A handwritten signature in blue ink that reads "Karen Olitsky".

Karen Olitsky
Procurement Agent III

**PLEASE ACKNOWLEDGE RECEIPT OF THIS ADDENDUM 3 AND RETURN WITH YOUR BID.
FAILURE TO ACKNOWLEDGE THIS ADDENDUM COULD CONSTITUTE REJECTION OF YOUR BID.**

VENDOR NAME

VENDOR ADDRESS

SIGNATURE

ALL REPORTS, PLANS, SPECIFICATIONS, COMMENTS, NOTES, FIELD DATA, NOTES & OTHER DOCUMENTS PREPARED BY THE DESIGN PROFESSIONAL SHALL REMAIN THE PROPERTY OF THE DESIGN PROFESSIONAL. THE DESIGN PROFESSIONAL SHALL RETAIN ALL COMMON LAW STATUTORY & OTHER RESERVED RIGHTS, INCLUDING THE COPYRIGHT THEREIN. NO PART OF THESE DOCUMENTS OR PROJECT OTHER THAN THE PROJECT WHICH IS SUBJECT OF THE AGREEMENT IS UNLAWFUL. 3/11/2020 2:30:20 PM BIN 362/7/1460-30 - IFAS PAVILION LIVE OAK/01660-14 UF-IFAS REMEDIATION PAVILION (01_01_2020)W575747

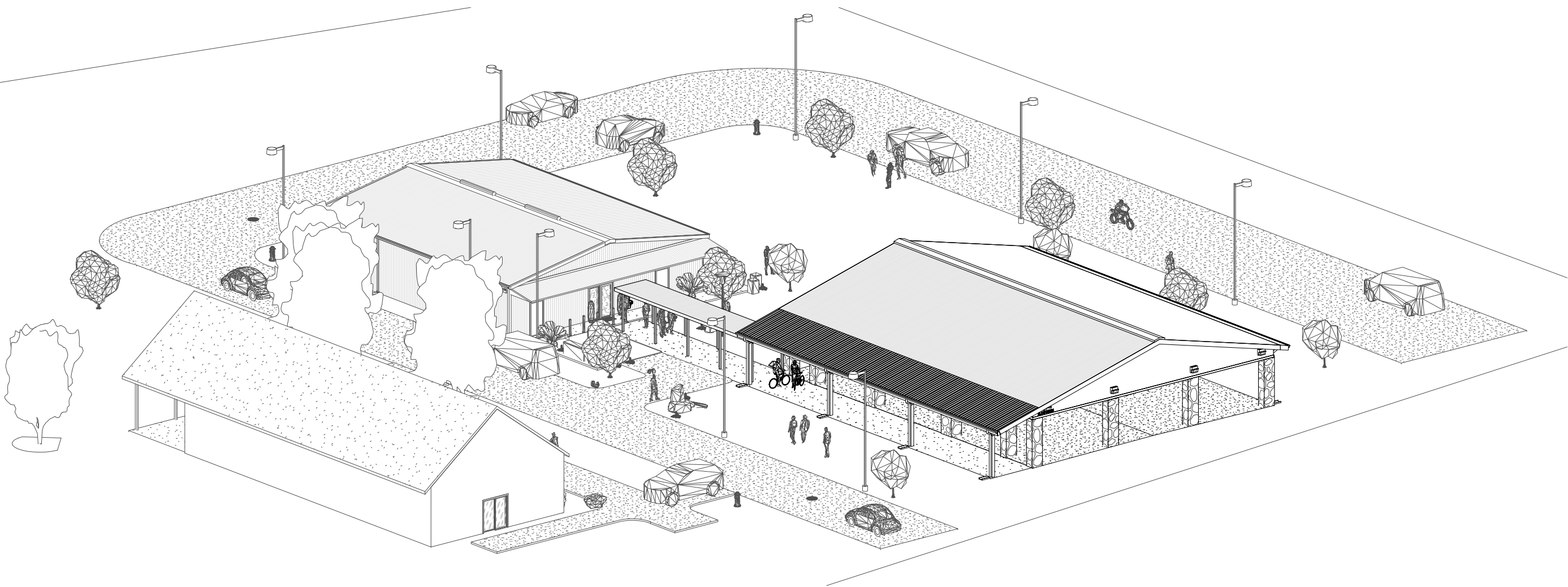
PROPOSED

UF/IFAS 20038 NORTH FLORIDA REC - LIVE OAK AGRICULTURE DEMONSTRATION BUILDING

UF PLANNING, DESIGN & CONSTRUCTION

AT
LIVE OAK, FL
UF BLDG # 8325

3D PLAN



SITE VICINITY MAP



PROJECT INFORMATION

PROJECT NAME: UF/IFAS 20038 NORTH FLORIDA REC - LIVE OAK AGRICULTURE DEMONSTRATION BUILDING

PROJECT/ SITE ADDRESS
LIVE OAK, FL

OCCUPANCY TYPE - FBC: ASSEMBLY - GROUP A-3
OCCUPANCY TYPE - NFPA: ASSEMBLY
NUMBER OF STORIES: 1 ABOVE GRADE
NUMBER OF BUILDINGS: 1
AUTHORITIES HAVING JURISDICTION: UF EH&S
OCCUPANT LOAD: 292

PROJECT SCOPE

DEMONSTRATION PAVILION:
BASE BID:
A 60' X 75' PRE-ENGINEERED, GALVANIZED METAL BUILDING WITH NON-TAPERED COLUMNS ON 25' WIDE BAYS. TYPE II CONSTRUCTION, UNSPRINKLERED WITH A GROUP A-3 ASSEMBLY OCCUPANCY. THE EAVES WILL BE 12' HIGH WITH SIDE PANELS DOWN TO 10' ON ALL FOUR SIDES. THE GALVALUME FINISH ROOF WILL HAVE A 3:12 PITCH WITH A 2' OVERHANG ON ALL 3 SIDES, AND A 10' WIDE SHED ROOF ON THE NORTH SIDE. GUTTERS ON THE NORTH AND SOUTH SIDES WILL BE ROUTED TO AN UNDERGROUND DRAINAGE SYSTEM VIA DOWNSPOUTS ON ALL 8 SIDE COLUMNS. THE SLAB WILL BE 4" THICK, DESIGNED FOR PEDESTRIAN USE, WITH A SMOOTH TROWEL FINISH, AND BE SLOPED TO DRAIN. COLUMN BASES WILL BE ELEVATED RELATIVE TO THE SLAB. FOUNDATION DESIGN WILL BE BASED UPON BUILDING MANUFACTURER-PROVIDED REACTIONS. THE SIDE WALLS WILL BE R-PANELS WITH A 20-YEAR PAINTED FINISH OF OYSTER GREY WITH DARK GREEN TRIM. THE BUILDING WILL HAVE A 10' WIDE COVERED CONCRETE WALK ON THE NORTH SIDE. THE WALK WILL CONNECT THE BUILDING TO THE PARKING.

NEW ELECTRICAL SERVICE, WITH POWER AND JUNCTION BOXES AT EACH COLUMN FOR THE ROLL-DOWN CURTAINS, POWER FOR THE CEILING FAN AND LIGHTING.

COVERED WALKWAY: PRE-ENGINEERED ALUMINUM CANOPY WITH LIGHTING OVER THE CONCRETE WALK CONNECTING THE MAIN ASSEMBLY BUILDING WITH THE PAVILION.

RELATED WORK:
PLUMBING AND ELECTRICAL FOR AN ACCESSIBLE, HI-LOW WATER FOUNTAIN ON THE WEST EXTERIOR FACE OF THE MAIN ASSEMBLY BUILDING.
SITE WORK FOR ACCESSIBLE ROUTE TO ADJACENT RESTROOMS AND TO PARKING, PAVING AND DRAINAGE

ALTERNATES:
#1: IN LIEU OF STANDARD METAL BUILDING COLUMNS, PROVIDE RECTANGULAR OR SQUARE COLUMNS ALONG THE NORTH SIDE OF THE COVERED WALK.
#2: IN LIEU OF BARE GALVANIZED COLUMNS, WRAP THE BUILDING COLUMNS WITH FRAME AND STONE VENEER.
#3: IN LIEU OF OPEN BAYS, PROVIDE ROLL-DOWN, CLEAR WEATHER CURTAINS EQUIVALENT TO FENETEX

PLUMBING FIXTURES:
ACCESSIBLE RESTROOM FIXTURES ARE ON SITE IN THE ADJACENT BUILDINGS 8329 & 8312. DURING DEMONSTRATION EVENTS, THE OCCUPANTS OF THESE BUILDING WILL BE AT THE DEMONSTRATION BUILDING.
ADDITIONAL ACCESSIBLE RESTROOMS WILL BE BROUGHT ON SITE FOR THE LARGER EVENTS THAT MAY OCCUR.

DRAWING SHEET INDEX

SHEET #	CIVIL PLANS SEE TOC ON C.000	Current Revision	Current Date
TITLE			
TO.0	COVER SHEET		
LIFE SAFETY			
LS10	PROPOSED - LIFE SAFETY - OVERALL		
ARCHITECTURAL PLANS			
A10	PROPOSED - PLAN - OVERALL		
A12	PROPOSED - ROOF PLAN		
ARCHITECTURAL EXTERIOR ELEVATIONS			
A2.0	PROPOSED - ELEVATIONS - EXTERIOR		
A2.1	PROPOSED - ELEVATIONS - EXTERIOR		
ARCHITECTURAL BUILDING SECTIONS			
A4.0	PROPOSED - SECTIONS - BUILDING		
ARCHITECTUAL DETAILS			
A7.0	PROPOSED - DETAILS		
PLUMBING			
P0.1	PLUMBING LEGEND, NOTES & ABBREVIATIONS		
P1.1	PLUMBING FLOOR PLAN		
ELECTRICAL			
E0.1	ELECTRICAL LEGEND, CODES & ABBREVIATIONS		
E1.1	ELECTRICAL FLOOR PLAN - POWER		
E1.2	ELECTRICAL CEILING PLAN - LIGHTING		
STRUCTURAL			
S1	FOUNDATION PLAN		

CONSULTANTS

MEP ENGINEERS

MITCHELL GULLEDGE ENGINEERS
CRAIG GULLEDGE
352-745-3991

CGULLEDGE (CGULLEDGE@MITCHELLGULLEDGE.COM)

210 SW 4th Avenue
Gainesville, FL 32601

STRUCTURAL ENGINEER

WAYLAND STRUCTURAL ENGINEER (WSE)
GREG WAYLAND
352-331-0727

WAYLANDGS@AOL.COM

2801 SW 81ST STREET
GAINESVILLE, FL 32608

CIVIL ENGINEER

GMUER ENGINEERING
(352) 281-4928

GMUERENG.COM

GENERAL NOTES

- DRAWINGS ARE DIAGRAMATIC TO CONVEY EXISTING/NEW CONDITIONS. CONTRACTOR SHALL INSPECT AND VERIFY THE SCOPE OF WORK. ANY ADDITIONAL WORK NOT SPECIFICALLY NOTED ON THE DRAWINGS BUT YET ARE APPARENT TO FIELD INSPECTION SHALL BE CONSIDERED AS PART OF THIS CONTRACT. CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR VERIFYING ALL EXISTING CONDITIONS.
- CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES.
- NO INSTRUCTION, REVISIONS, ADDITIONS, DELETIONS, SPECIFICATIONS OR DETAILS OTHER THAN THE INFORMATION CONTAINED HEREIN BEFORE SHALL GOVERN THE PROJECT UNLESS THEY ARE IN WRITING AND APPROVED BY THE ARCHITECT. OWNER AND CONTRACTOR IN THE FORM OF A CHANGE ORDER.
- GC, VENDORS & SUB-CONTRACTORS SHALL REFER TO ALL DRAWINGS, PROJECT MANUAL AND PWE SHEETS (WHEN APPLICABLE) OF CONTRACT DOCUMENTS AND COMPLY WITH ALL PROVISIONS THEREIN. IF THERE IS A DISCREPANCY BETWEEN CONTRACT DOCUMENTS, EXISTING CONDITIONS AND VENDOR SUPPLIED WATER TREATMENT DOCUMENTS, GC TO VERIFY AND COORDINATE PRIOR TO INSTALLATION OF ANY SLEAVING.
- ALL MATERIALS SHALL BE INSTALLED IN ACCORDANCE W/ MANUFACTURER'S INSTRUCTIONS. IT IS GENERAL CONTRACTOR'S RESPONSIBILITY TO VERIFY AND APPROVE ALL DIMENSIONS OF EQUIPMENT AND MATERIAL WITH SUPPLIERS PRIOR TO ORDERING AND / OR INSTALLATION OF ALL PRODUCTS.
- RFTS - SUBMIT ALL QUESTIONS ON RFI DOCUMENT PROVIDED IN BID DOCUMENTS WITH DATE OF REQUEST. ARCHITECT WILL PROVIDE RESPONSE AS QUICKLY AS PRACTICAL.
- UPON GENERAL CONTRACTOR APPROVAL, ALL SUBMITTALS ARE TO BE SENT FROM THE SUBCONTRACTOR TO THE GENERAL CONTRACTOR FOR REVIEW AND SUBMISSION TO THE ARCHITECT; THE SUBCONTRACTOR IS TO FLAG ANY SUBSTITUTIONS. THE FULL SUBMITTAL PACKAGE IS TO BE SENT ELECTRONICALLY IN PDF FORMAT ON EITHER CD, FTP WEBSITE FOR DOWNLOAD, OR DROP BOX TO THE ARCHITECT WITHIN TWO WEEKS OF AWARD. ALL SUBMITTALS ARE TO BE REVIEWED BY GC PRIOR TO SUBMISSION TO THE ARCHITECT. ALL NON-REVIEWED SUBMITTALS WILL BE REJECTED. THE ARCHITECT WILL SUBMIT TO THE PROJECT MANAGER COPIES OF ALL REJECTED SUBMITTALS AND APPROVED SUBSTITUTIONS. ALL APPROVED SUBMITTALS AND CUT-SHEETS ARE TO BE MADE AVAILABLE PERMANENTLY ON THE JOB SITE FOR FUTURE REFERENCE DURING CONSTRUCTION MEETINGS. TIMELINESS OF SUBMITTALS IS OF EXTREME IMPORTANCE DUE TO PROJECT SCHEDULE. LATE SUBMITTALS WILL BE BACKCHARGED FROM THE SCHEDULE OF VALUES ANY REVIEWS AFTER THIRD WEEK SHALL BE BORNE BY GENERAL CONTRACTOR @ A RATE OF \$200 PER SUBMITTAL.
- PROJECT MAY INCLUDE MISCELLANEOUS STANDARD DETAILS. GC IS TO REVIEW ALL TO VERIFY ALL ARE APPLICABLE. SOME DETAILS MAY BE MIRRORRED FOR THIS PROJECT COORDINATE W/ FLOOR PLAN.
- SEE PROJECT MANUAL SECTION 01100 FOR ALTERNATES (WHEN APPLICABLE).
- SEE PROJECT MANUAL SECTION 01021 FOR ALLOWANCES (WHEN APPLICABLE).
- SEE LS SERIES DRAWINGS FOR CODE DATA & LIFE SAFETY INFORMATION.
- SEE SHEET AO.0.1 FOR ALL REQUIRED ADA & FIXTURE HEIGHTS.
- IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR AND ALL SUBCONTRACTORS TO VISIT THE JOBSITE AND FAMILIARIZE THEMSELVES WITH ALL EXISTING CONDITIONS IN THE FIELD. ANY DISCREPANCIES BETWEEN EXISTING FIELD CONDITIONS AND THE CONSTRUCTION DOCUMENTS ARE TO BE BROUGHT TO ARCHITECT'S ATTENTION IMMEDIATELY PRIOR TO BIDS BEING DUE. OWNER WILL PROVIDE DIRECTION TO GENERAL CONTRACTOR FOR BIDDING PURPOSES TO ASSURE APPROPRIATE SCOPE IS INCLUDED WITHIN BID.
- CONTRACTOR IS TO COORDINATE WITH TENANTS, LANDLORDS AND/OR SURROUNDING TENANTS/LANDOWNERS WHEN PERFORMING ANY WORK. THERE SHALL NOT BE ANY DISRUPTION OF SERVICES FOR THE SURROUNDING TENANTS/LANDOWNERS DURING THE CONSTRUCTION / RELOCATION AND/OR EXPANSION AND/OR RENOVATION OF THE FACILITY.

UF/IFAS 20038 NORTH FLORIDA

REC - LIVE OAK AGRICULTURE
DEMONSTRATION BUILDING

FOR
UF PLANNING, DESIGN &
CONSTRUCTION

PROJECT

DESIGN PHASE: PERMIT DOCUMENTS

REVISIONS

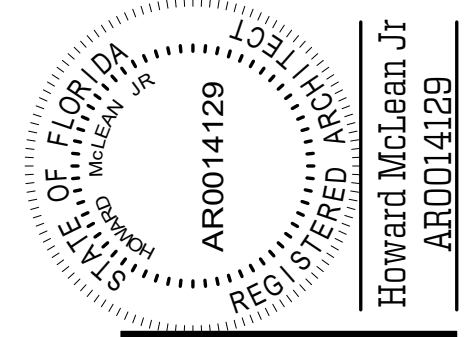
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CHECKED BY: HJM

SHEET TO.0
COVER SHEET
1460-30

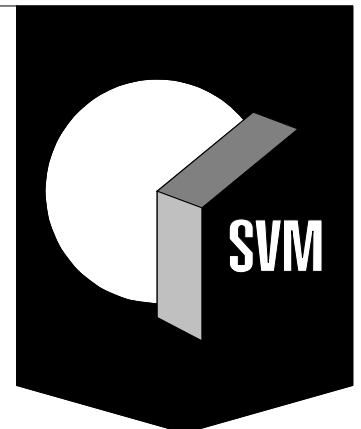
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F.352.377.5378 | GAINESVILLE FL 32609

SKINNER VIGNOLA McLEAN, INC.

ARCHITECTS & PLANNERS | FL CERTIFICATE | AA3478




LIVE OAK, FL 32060




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LIFE SAFETY SYMBOL LEGEND


(LS1.00)



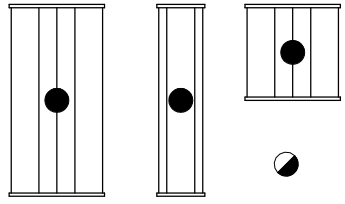
FIRE EXTINGUISHER



LIGHTING
CEILING MOUNTED EXIT LIGHT FIXTURE



CEILING MOUNTED EXIT LIGHT
FIXTURE w/ EMERGENCY
BATTERY INVERTER



EMERGENCY LIGHT
FIXTURES ON LIFE
SAFETY PANEL

* ALL SYMBOLS SHOWN MAY NOT BE ON PLAN

FIRE ALARM, EXTINGUISHERS, EXITS

1. FOR EXIT SIGNS AND EMERGENCY LIGHTS, SEE ELECTRICAL PLAN

GENERAL NOTES - LIFE SAFETY - OVERALL

Egress from building will be possible from all sides when the weather curtains are not lowered. The two Exits shown on the north side will remain open for accessible egress at all times. See Electrical for emergency and exit lighting
Use of building will include demonstrations of agricultural equipment and techniques, with exhibition booths similar to those in trade fairs. Table and chair arrangements may also be used.

OCCUPANT LOAD BREAKDOWN

A - ASSEMBLY =292(1 PERSON / 15 SF)

B - BUSINESS =0(1 PERSON / 100 SF)

S - ACC/SUPPLY =0(1 PERSON / 300 SF)

TOTAL OCCUPANCY LOAD =292

LONGEST PATH TO EXIT:

LONGEST RUN = 69 FEET
T1017.2: EXIT ACCESS TRAVEL DISTANCE - 200' W/O SPRINKLER SYSTEM (MOST RESTRICTIVE).

TOTAL AREA BREAKDOWN

INTERIOR WALLS =0

EXTERIOR WALLS =0

INTERIOR ROOMS =0

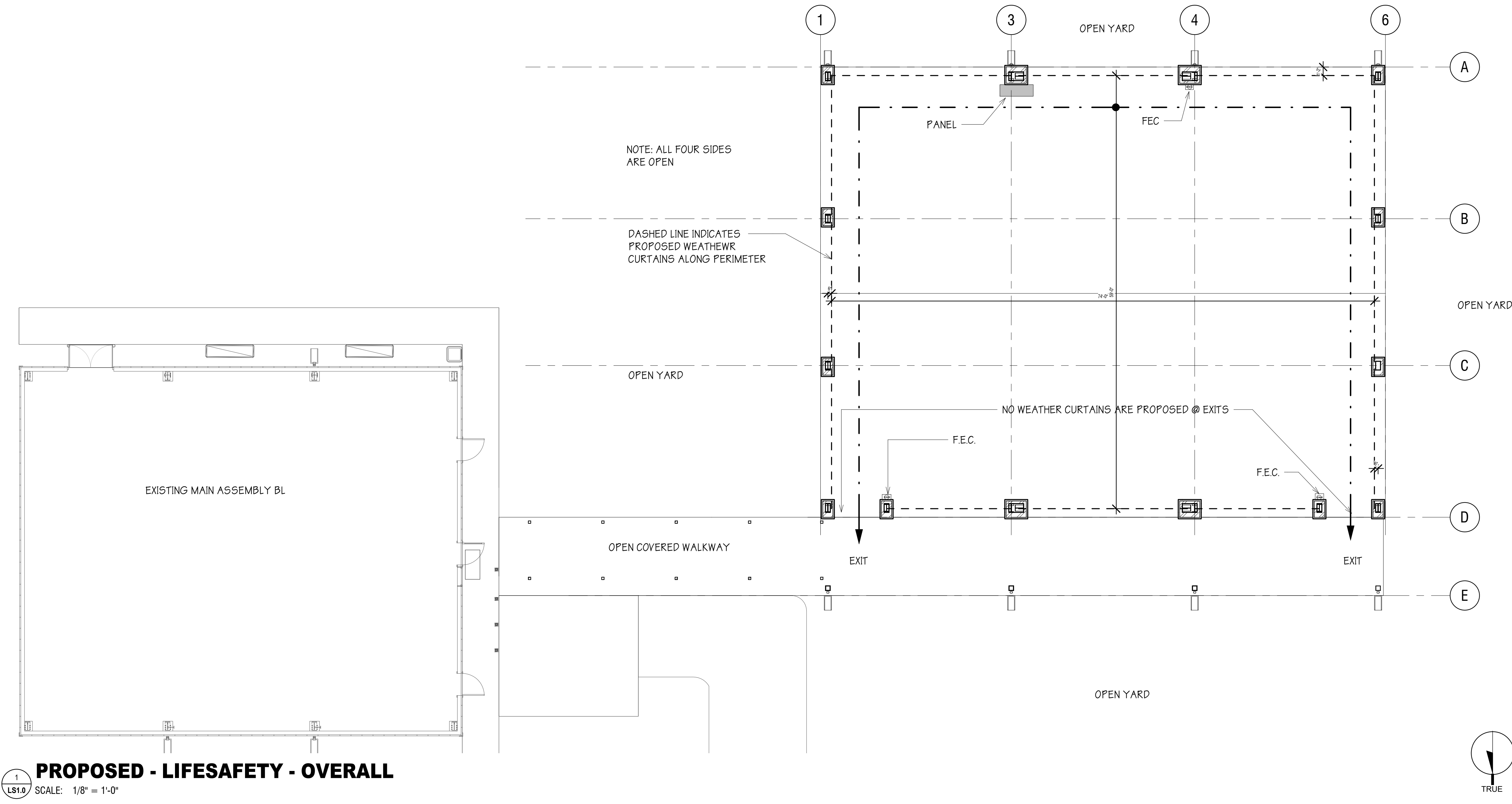
EXTERIOR ROOMS =0

BELOW ROOF ROOMS =0

GFA (NFPA) =

AREA LEASABLE (BOMA) =

AREA BUILDING (IBC)=4,366



DESIGN PHASE: PERMIT DOCUMENTS

REVISIONS

DATE: 03/12/2020
DRAWN BY: JER
CHECKED BY: HJM

SHEET
LS1.0
PROPOSED - LIFE
SAFETY -
OVERALL
1460-30

UF/IFAS 20038 NORTH FLORIDA
REC - LIVE OAK AGRICULTURE
DEMONSTRATION BUILDING
FOR
UF PLANNING, DESIGN & CONSTRUCTION
PROJECT
LIVE OK FL 32060

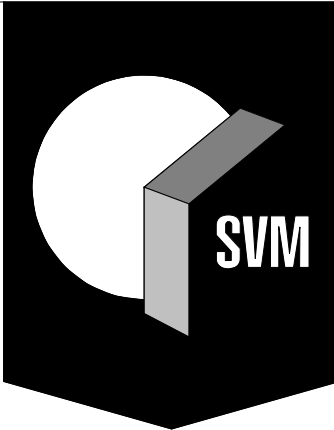
Seal of the State of Florida
Professional Engineer
HOWARD MCLEAN JR.
REG. NO. 14129
EXPIRATION DATE 12/31/2024

UF/IFAS 20038 NORTH FLORIDA
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PLUMBING FIXTURE CALCULATION

Building 0312 contains 1,392 s.f of office space (Group B) and 1,560 s.f of Storage (Group S-2)
Occupant Load: 1,392/100 = 14 persons + 1,560/300 = 6.20 OCCUPANTS TOTAL

FIXTURE:	WC	LAV	DRINKING FOUNTAIN	SERVICE SINK
REQUIRED:	1	1	1	1 (REQUIRED FOR STORAGE USE)
PROVIDED:	5	3	0	0 (SHOWER PROVIDED)

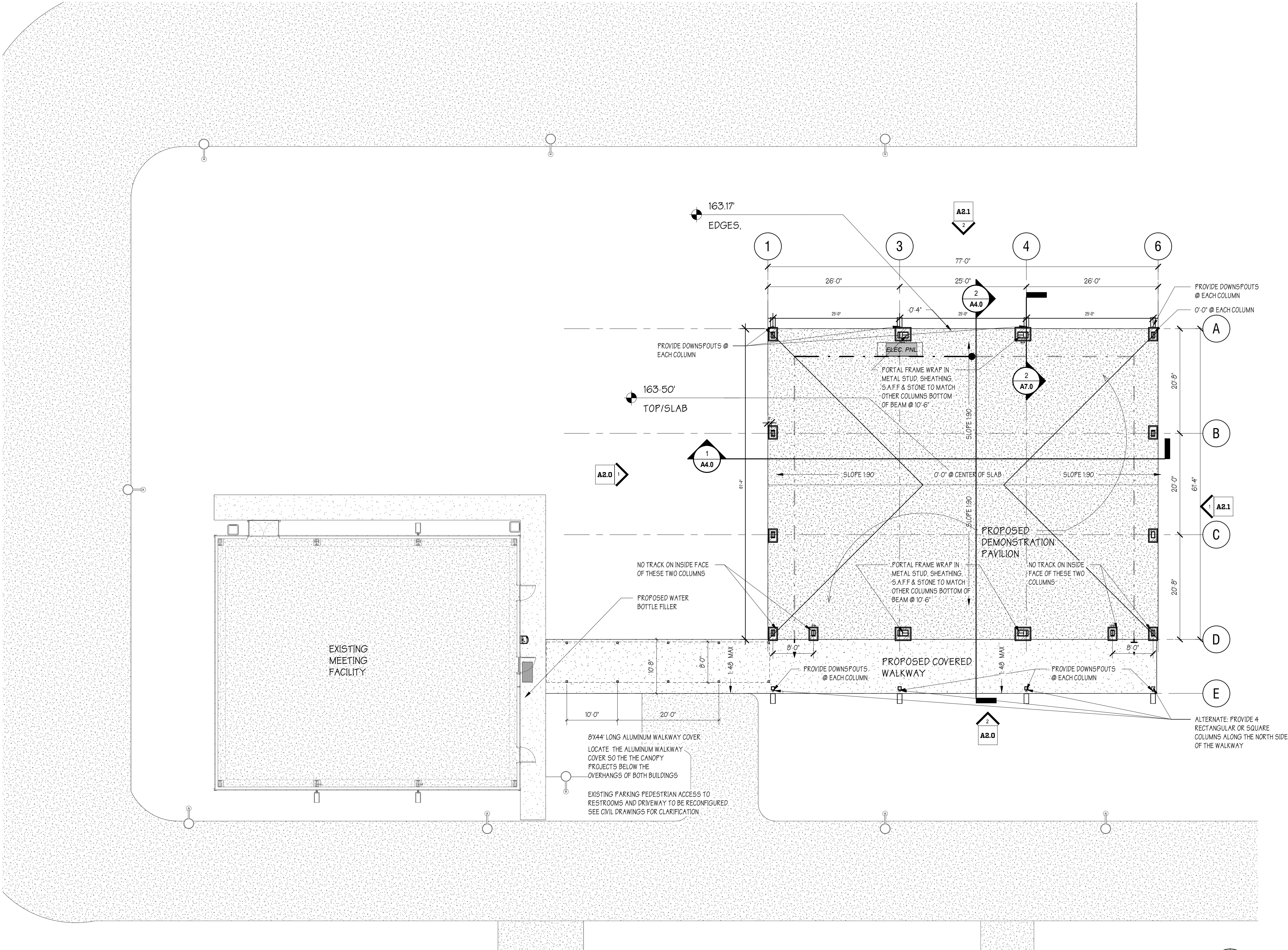
Building 0329 has an area and occupant load as noted below

PLUMBING FIXTURE CALCULATION									
ASSEMBLY AREA: 1,750 SF									
OCCUPANT LOAD: 1,750 SF/7 PERSONS = 250 PERSONS									
250 = 125 MALE, 125 FEMALE									
FIXTURE:	WC	LAV	WC	LAV	DRINKING FOUNTAIN	SERVICE SINK			
REQUIRED:	1	1	2	1	1	1			
PROVIDED:	1	1	2	2	1	1			
STATUS:	OK	OK	OK	OK	OK	OK			

The Proposed Building as an enclosed Assembly area of 4,366 s.f.
OCCUPANT LOAD: 4,366/15 = 291 PERSONS; 291/2 = 146 MALE & 146 FEMALE

FIXTURE:	WC	LAV	WC	LAV	DRINKING FOUNTAIN	SERVICE SINK
REQUIRED:	2	1	5	1	1	1

PROVIDED: SEE FIXTURE COUNT FOR BUILDINGS 0312 & 0329



1
A1.0
PROPOSED - PLAN - OVERALL
SCALE: 3/32" = 1'-0"

DESIGN PHASE: PERMIT DOCUMENTS

REVISIONS

DATE: 03/12/2020
DRAWN BY: JER
CHECKED BY: HJM

SHEET
A1.0
PROPOSED - PLAN
- OVERALL
1460-30

UF/IFAS 20038 NORTH FLORIDA

REC - LIVE OAK AGRICULTURE
DEMONSTRATION BUILDING

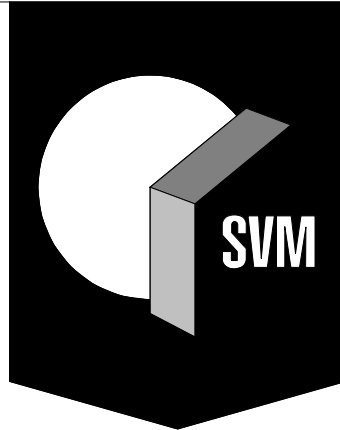
FOR
UF PLANNING, DESIGN &
CONSTRUCTION

PROJECT

STATE OF FLORIDA
COUNTY OF HARRIS
REGISTERED PROFESSIONAL ARCHITECT
HOWARD MCLEAN JR.
AR0014129
LIVE OAK, FL 32060

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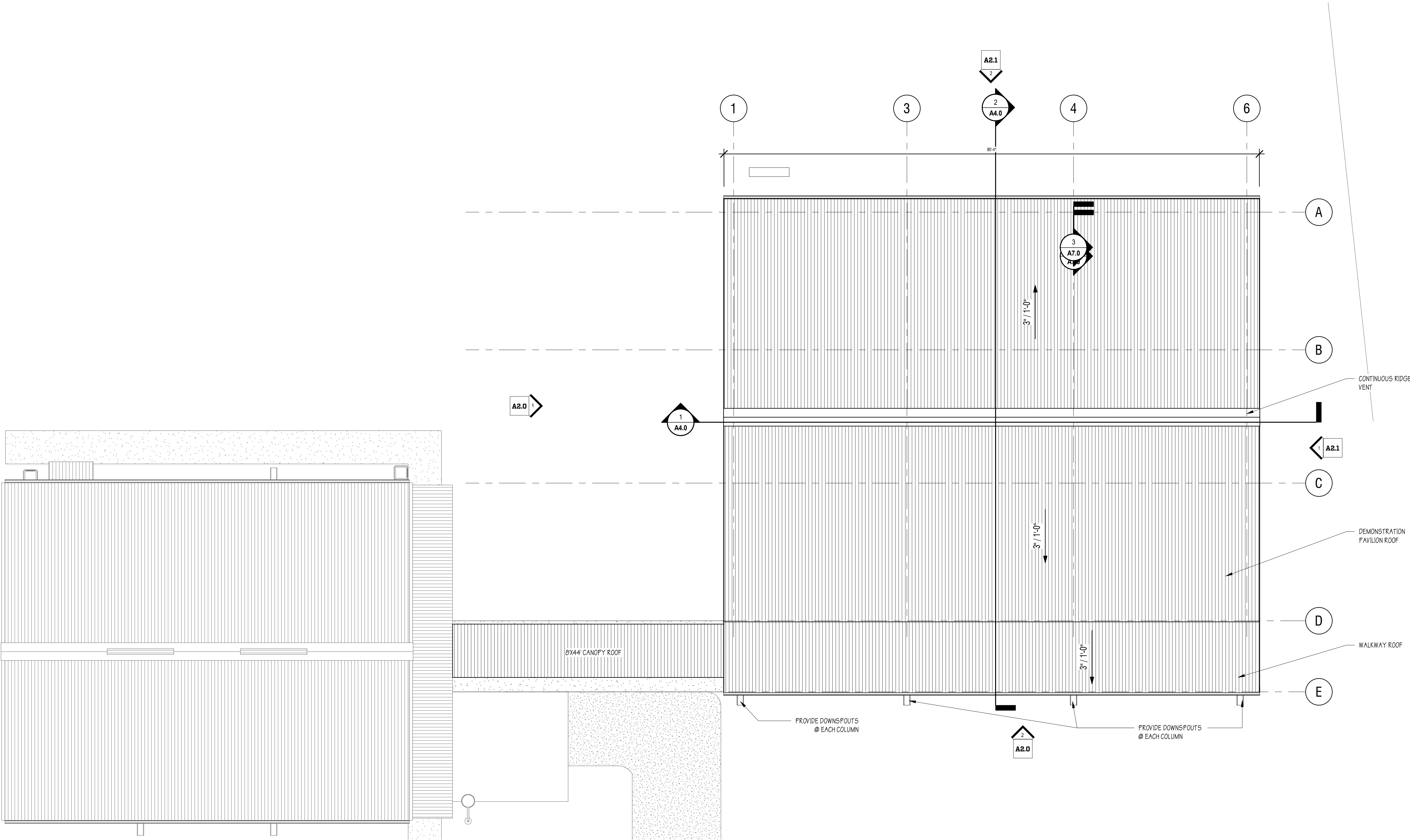


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1
A1.2

PROPOSED - PLAN - ROOF

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



DESIGN PHASE: PERMIT DOCUMENTS

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DATE: 03/12/2020
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SHEET
A1.2

PROPOSED - ROOF
PLAN

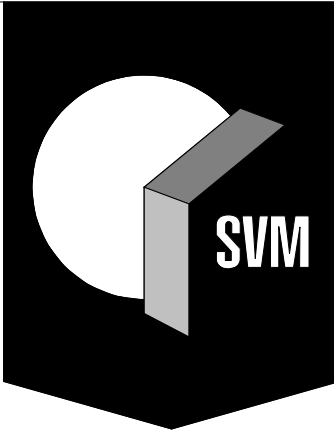
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LIVE OK, FL 32060
PROJECT

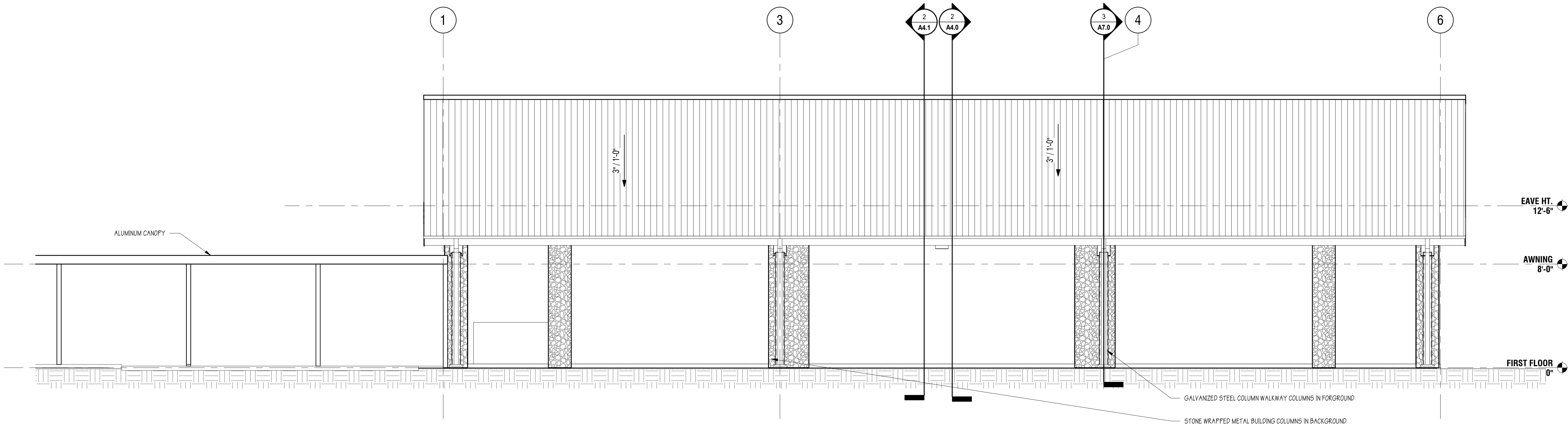
Professional Seal
Professional Engineer
State of Florida
No. AR0014129
Exp. 12/31/2025
Howard McLean Jr.
AR0014129

REGISTERED PROFESSIONAL
ARCHITECT
STATE OF FLORIDA
No. AA3478
Exp. 12/31/2025
SKINNER VIGNOLA McLEAN, INC.
ARCHITECTS & PLANNERS
FL CERTIFICATE | AA3478

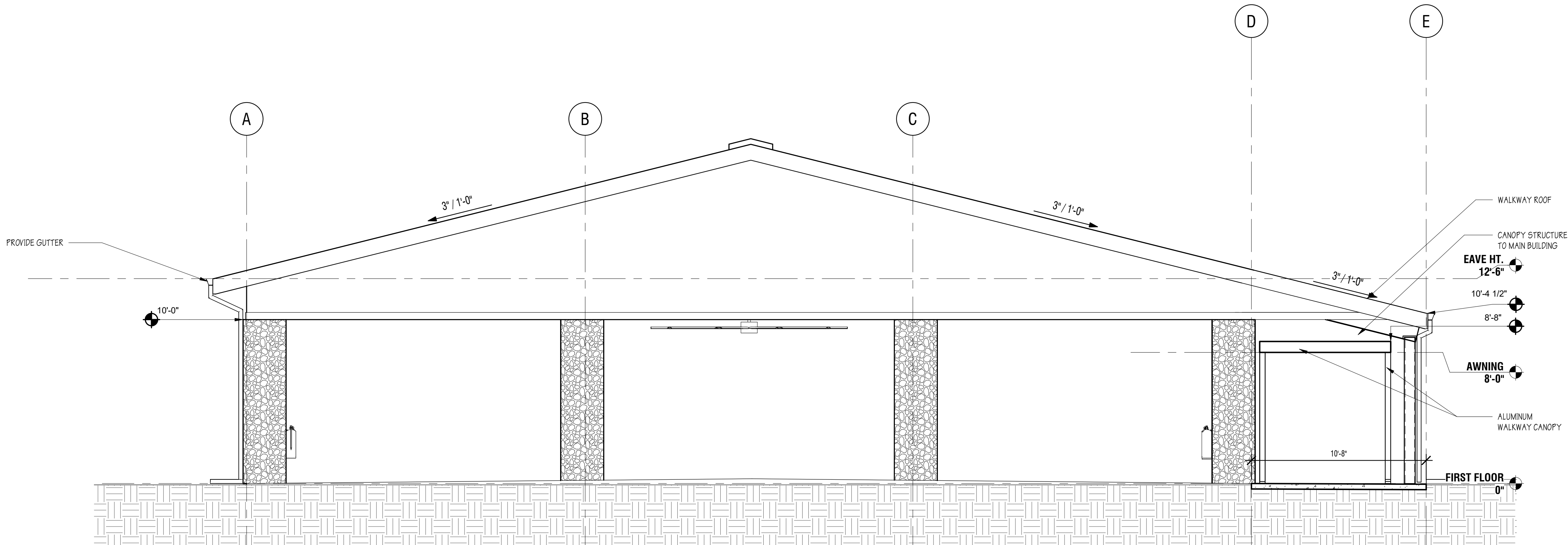
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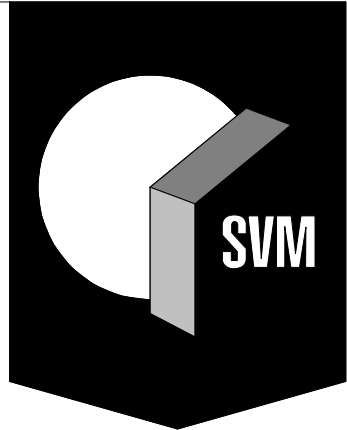
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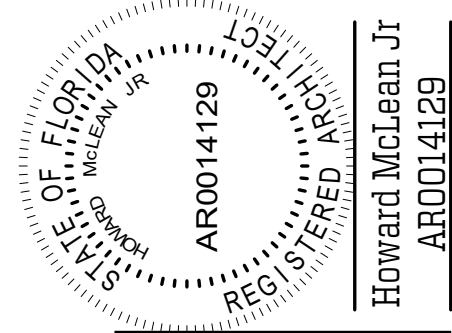
ELEVATION #2
SCALE: 1/4" = 1'-0"



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



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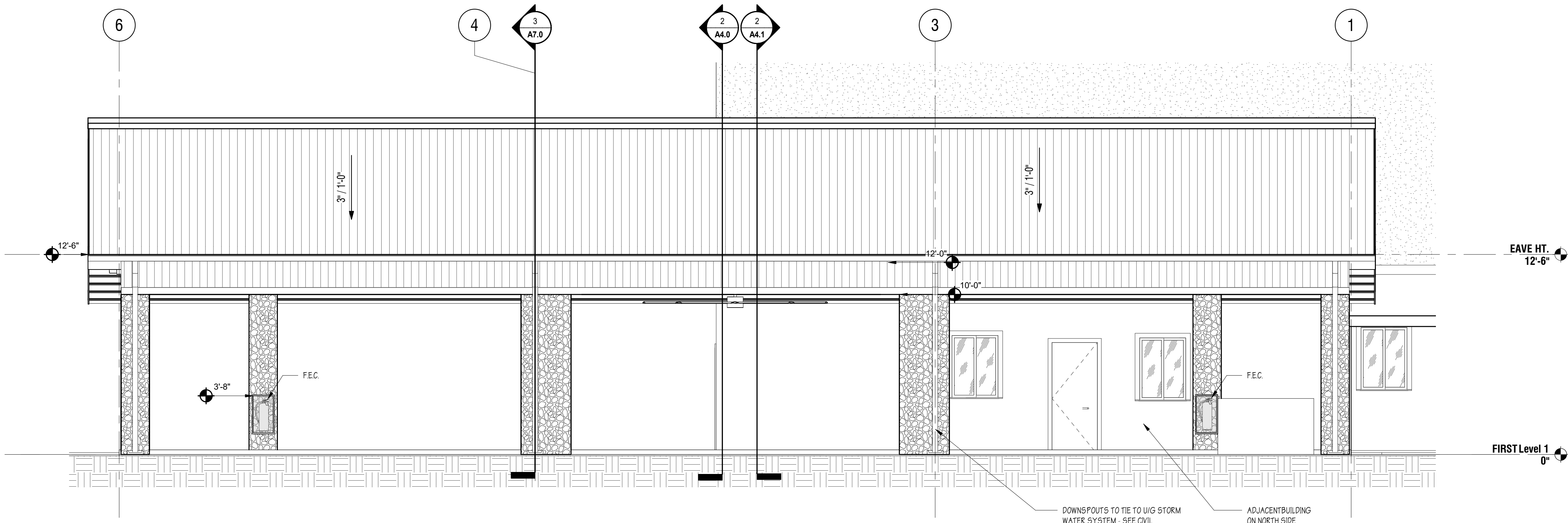
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REVISIONS

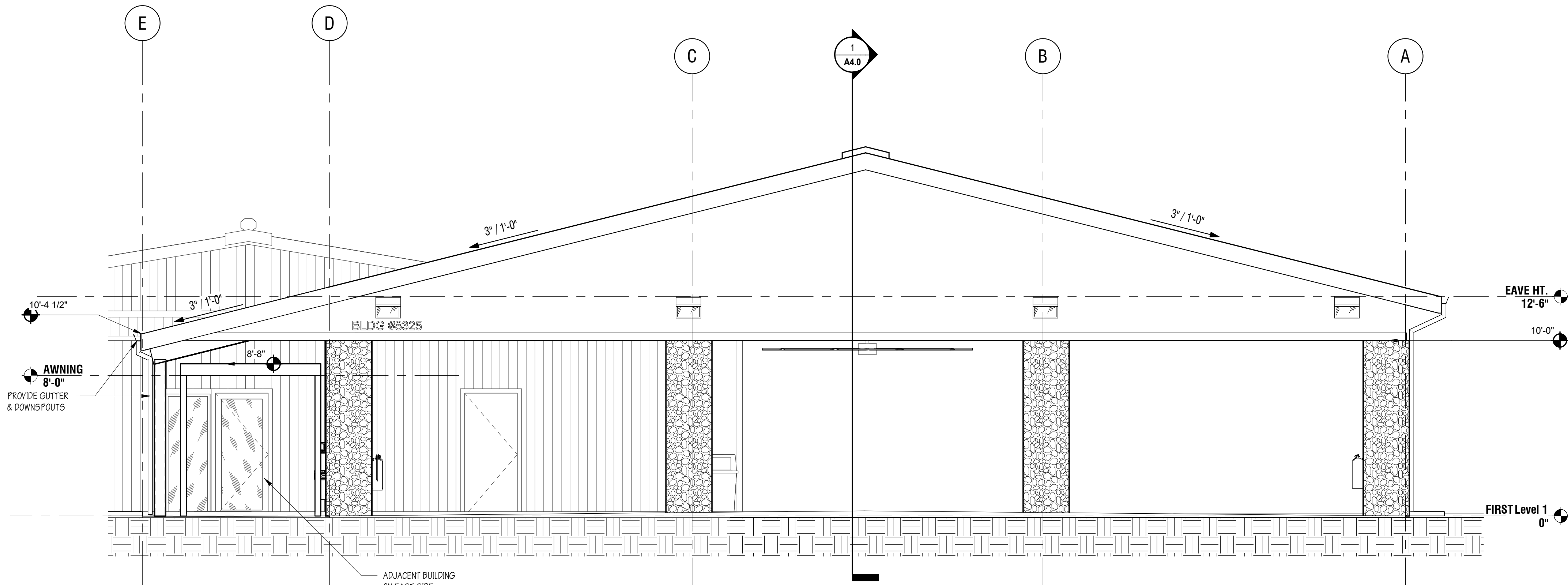
DATE: 03/12/2020
DRAWN BY: JER
CHECKED BY: HJM

SHEET
A2.0
PROPOSED -
ELEVATIONS -
EXTERIOR
1460-30

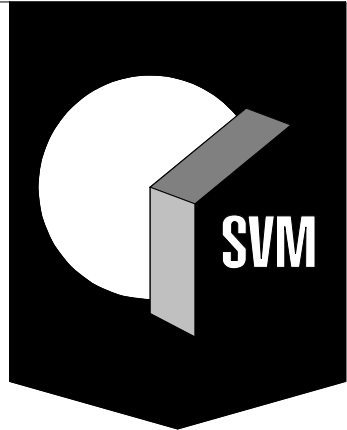
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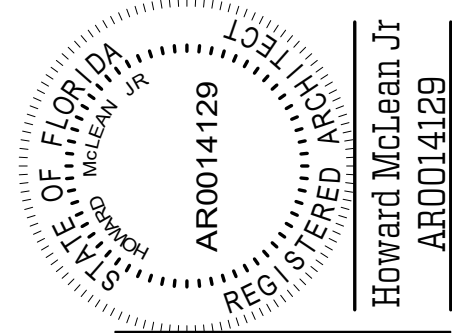
ELEVATION #4
SCALE: 1/4" = 1'-0"



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



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F.352.377.5378 | GAINESVILLE FL 32609
SKINNER VIGNOLA McLEAN, INC.
ARCHITECTS & PLANNERS | FL CERTIFICATE | AA3478



UF/IFAS 20038 NORTH FLORIDA
REC - LIVE OAK AGRICULTURE
DEMONSTRATION BUILDING
FOR
UF PLANNING, DESIGN & CONSTRUCTION
LIVE OK, FL 32060

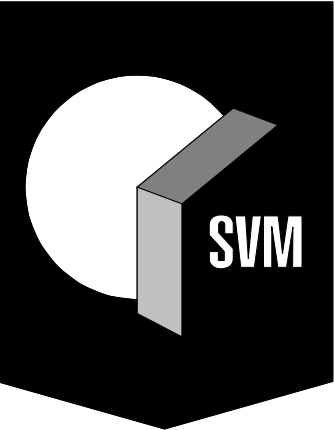
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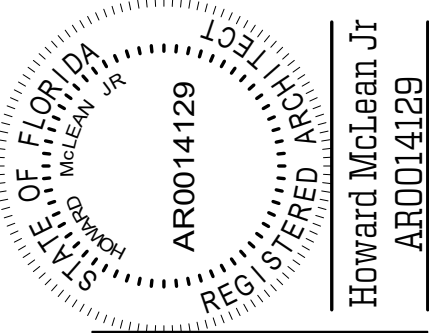
DATE: 03/12/2020
DRAWN BY: JER
CHECKED BY: HJM

SHEET
A2.1
PROPOSED -
ELEVATIONS -
EXTERIOR
1460-30

GENERAL NOTES - SECTIONS - BUILDING



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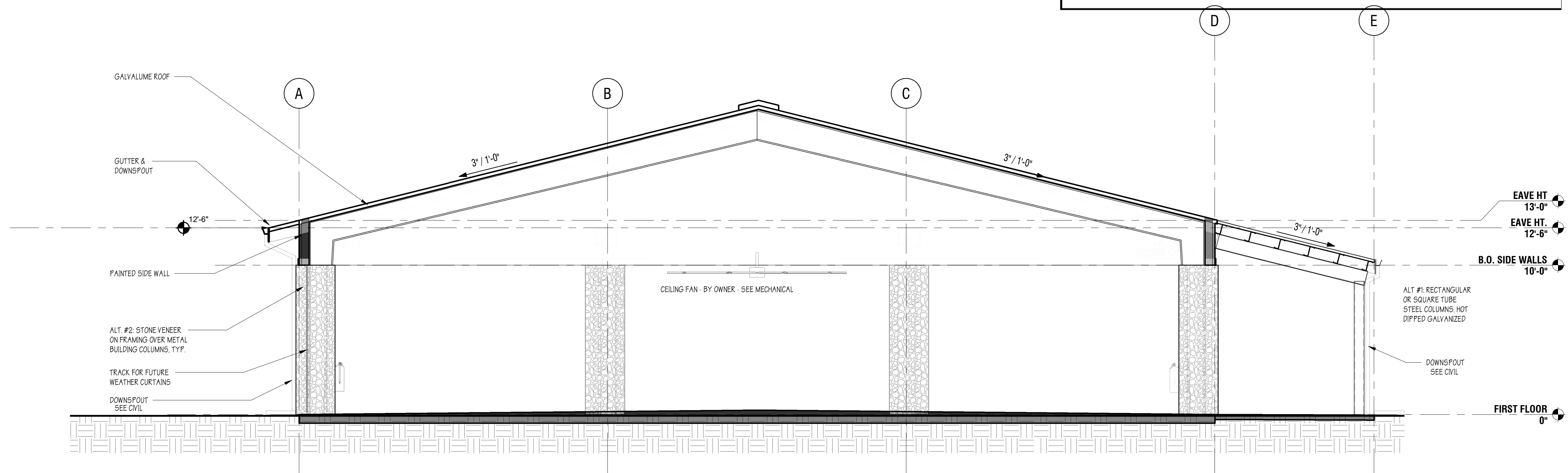
DESIGN PHASE: PERMIT DOCUMENTS

REVISIONS

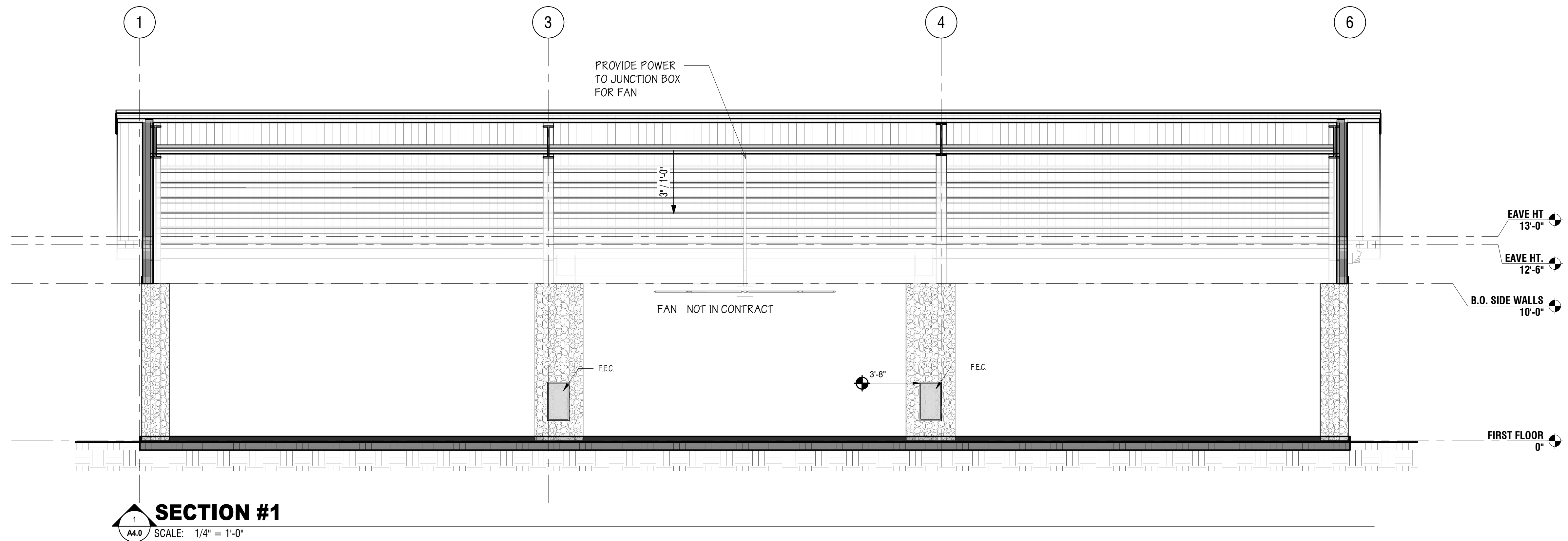
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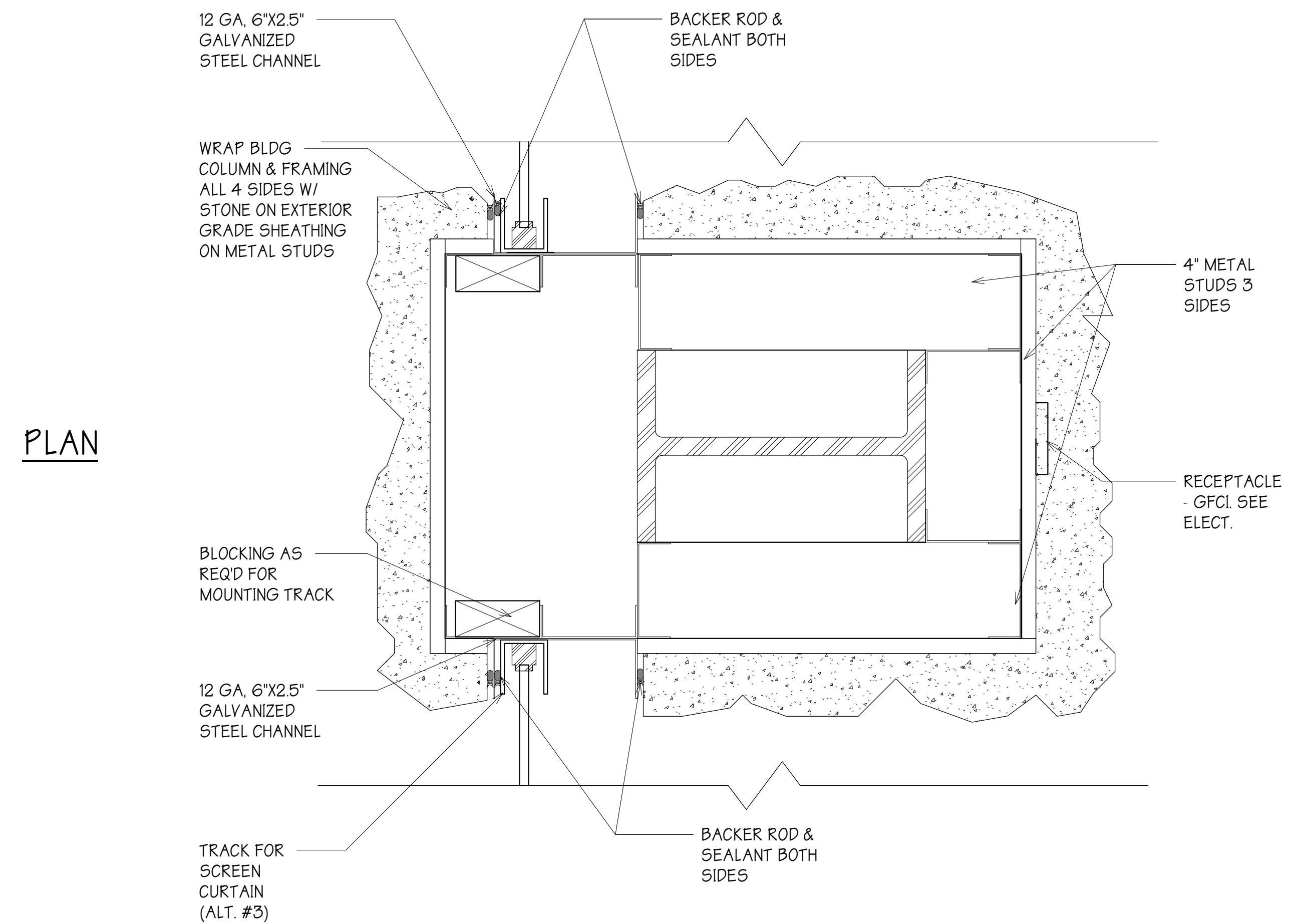
PROPOSED -
SECTIONS -
BUILDING
1460-30



SECTION #2
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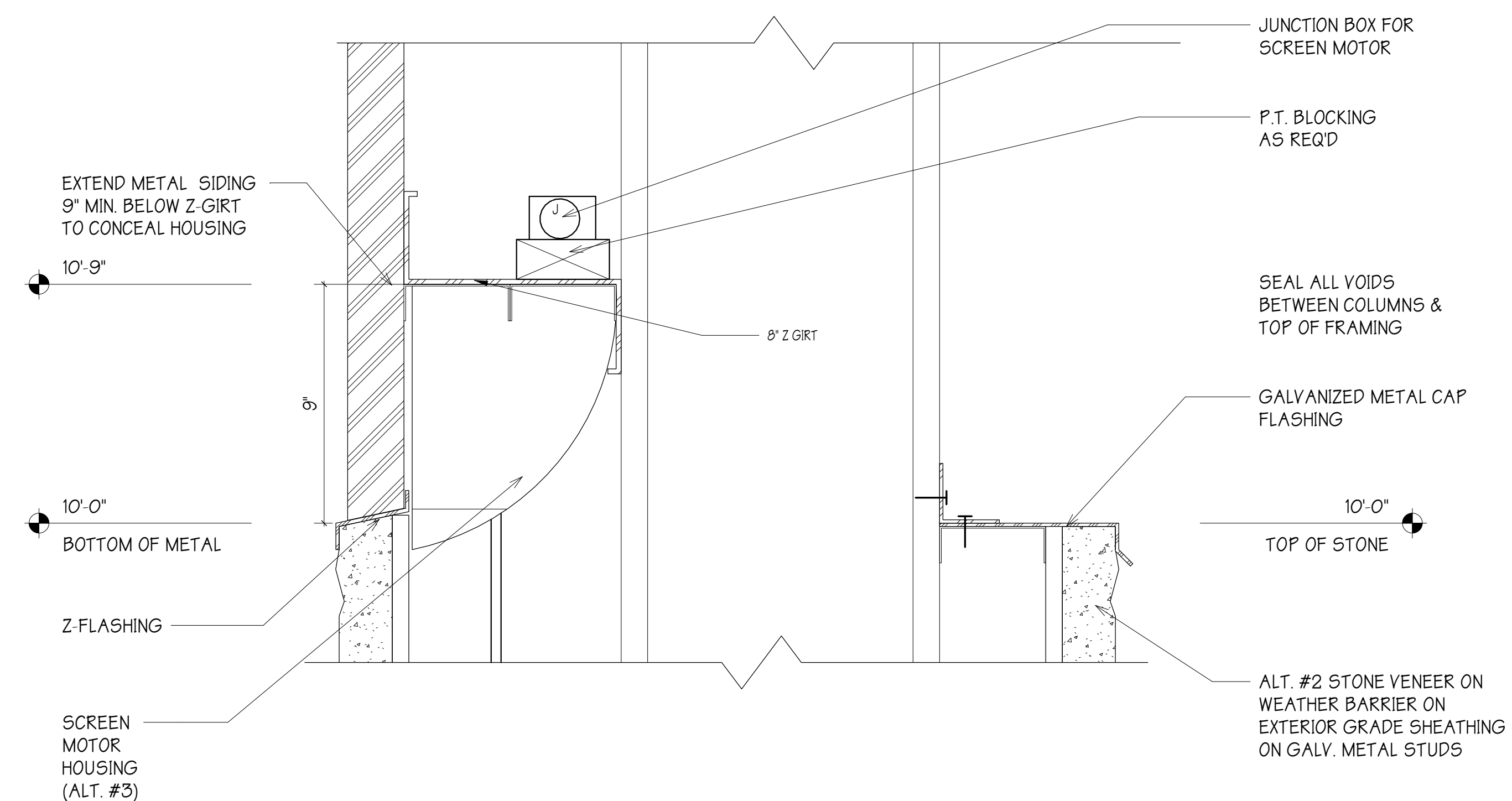
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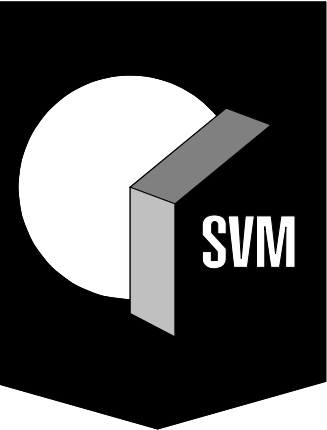
PROPOSED - COLUMN SECTION PLAN



PROPOSED - COLUMN SECTION BOTTOM SECTION



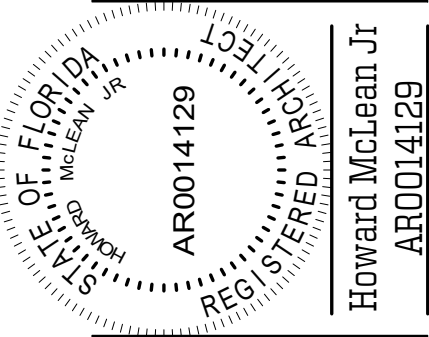
SECTION @ TOP OF COLUMNS



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CONSTRUCTION

DESIGN PHASE: PERMIT DOCUMENTS

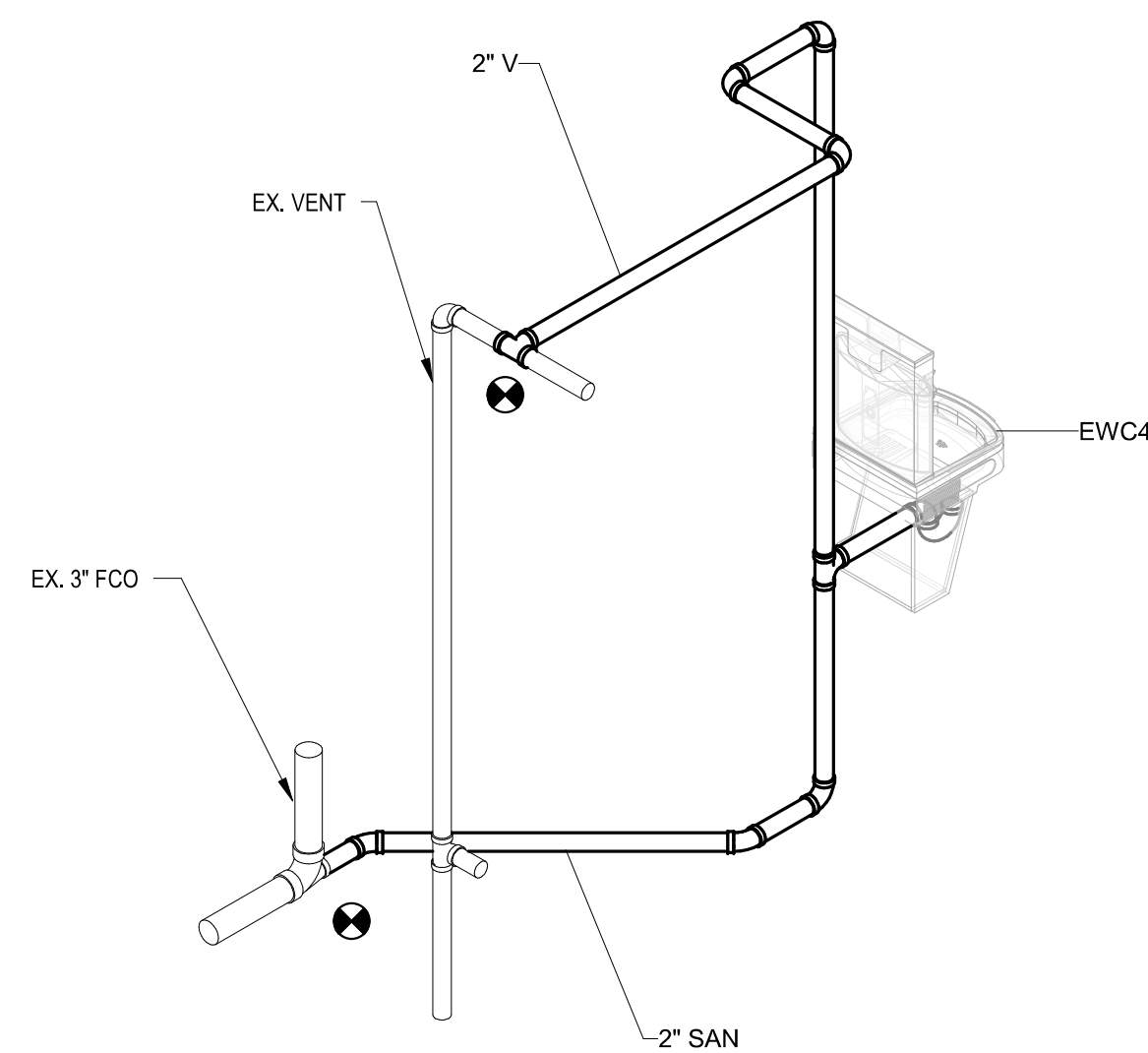
REVISIONS

DATE: **03/12/2020**
DRAWN BY: **JER**
CHECKED BY: **HJM**

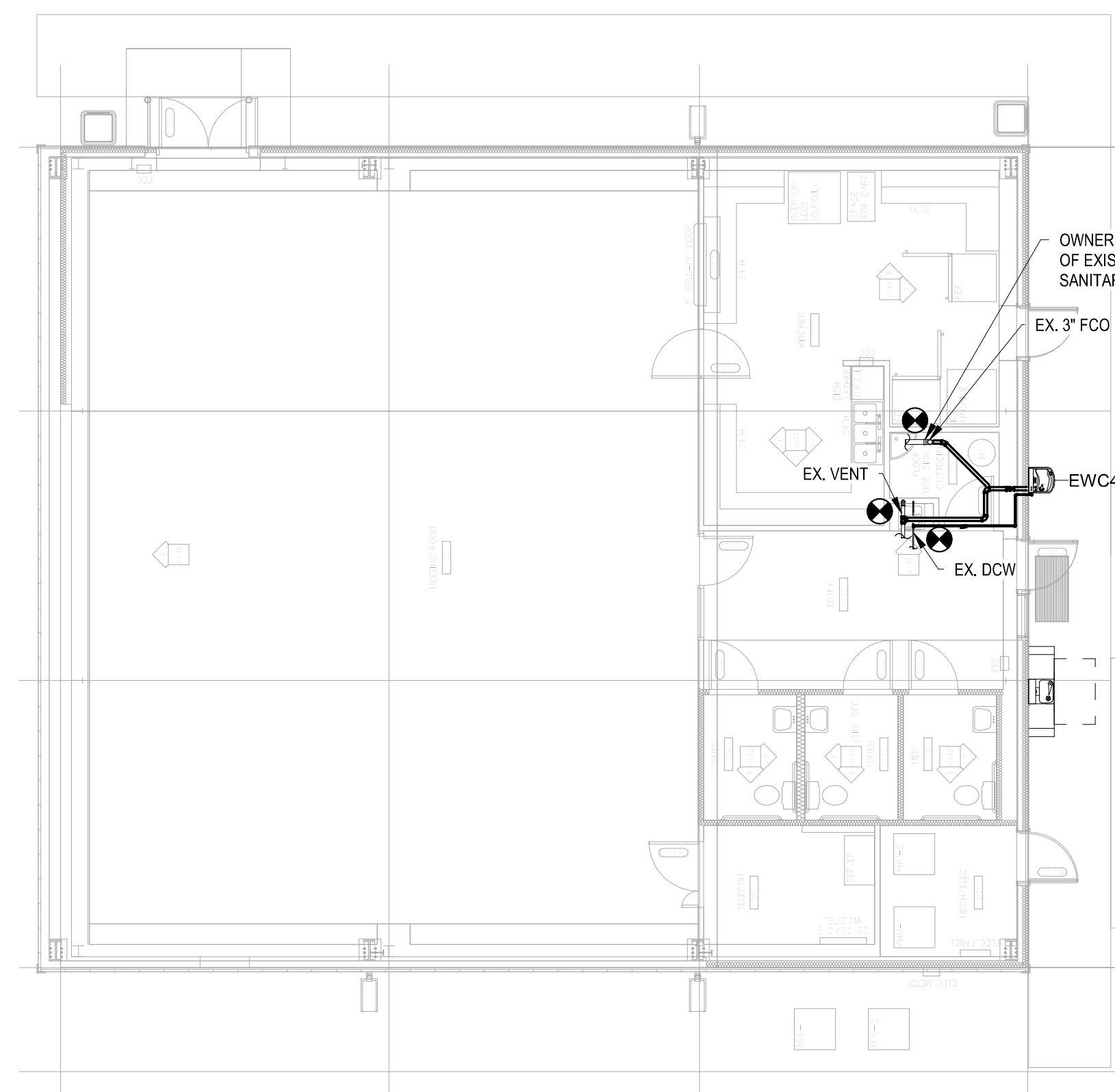
SHEET
A7.0

PROPOSED DETAILS

1460-30



PLUMBING - SANITARY WASTE AND VENT RISER DIAGRAM
NOT TO SCALE



 **PLUMBING FLOOR PLAN**
N 1/8" = 1'-0"



DESIGN PHASE: 100% CDS

DATE: **03/12/2020**
DRAWN BY: **LW**
CHECKED BY: **AM**

SHEET
P1.1
PLUMBING FLOOR
PLAN
1460-30

**UF/IFAS 20038 NORTH FLORIDA
REC - LIVE OAK AGRICULTURE
DEMONSTRATION BUILDING**
FOR
**UF PLANNING, DESIGN &
CONSTRUCTION**
PROJECT LOCATION: **LIVE OAK, FL 32060**

CONSTRUCTION
PROJECT LOCATION: LIVE OK, FL 32060

S. Andrew Mitchell
PE - 75609

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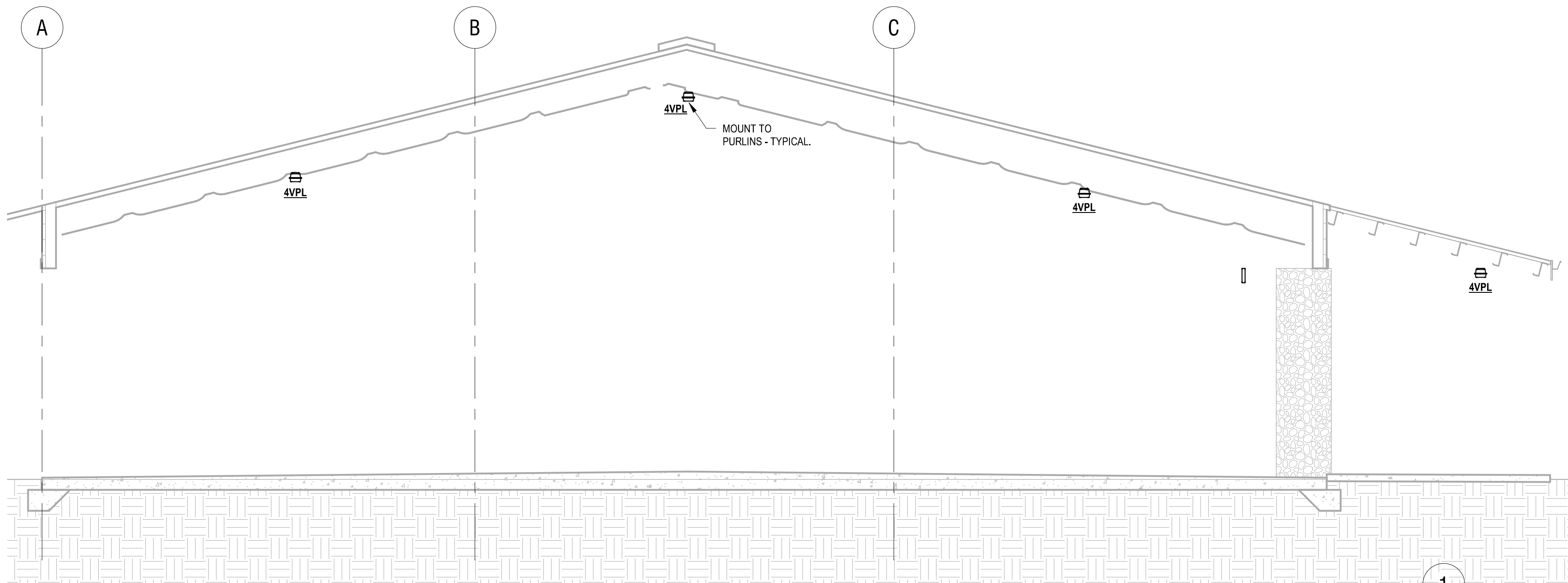
SKINNER VIGNOLA McLEAN, INC.

ARCHITECTS & PLANNERS | FL CERTIFICATE # AA34478

LIGHT FIXTURE SCHEDULE									
TYPE	DESCRIPTION	BASIS OF DESIGN	LIGHT SOURCE	INITIAL LUMENS	COLOR TEMPERATURE	WATTAGE	VOLTAGE	MOUNTING	NOTES
4VPL	4" VAPORTIGHT LED WRAP	H.E. WILLIAMS 96-44-62/84D-PCFR-DRV-UNV	LED	6200 lm	4000 K	73 VA	120 V	MOUNT TO PURLINS	MOUNT TO STRUCTURE.
BOL	LED BOLLARD WITH EMERGENCY BATTERY	GARDCO PBL-36-14-800-ANW-G2-3-EBP-120(F)-FINISH	LED	3198 lm	4000 K	41 VA	120 V	POLE IN GROUND	COORDINATE FINISH WITH ARCHITECT. PROVIDE EMERGENCY BATTERY WITH FIXTURE. BATTERY SHALL BE RATED FOR 4".
FLD	LED EXTERIOR FLOOD LIGHT WALL MOUNT	PHILLIPS GARDCO CSFS-16-530-ANW-G1-YY-A33-120-BK WITH BP-(F)	LED	3025 lm	4000 K	29 VA	120 V	WALL AT 9'	PROVIDE BP-(F) SURFACE MOUNT BASE PLATE.
XEB	EDGE LIT LED EXIT SIGN	BEGHELLI OL2 PLUS	A-19			2 VA	120 V		

NOTES:

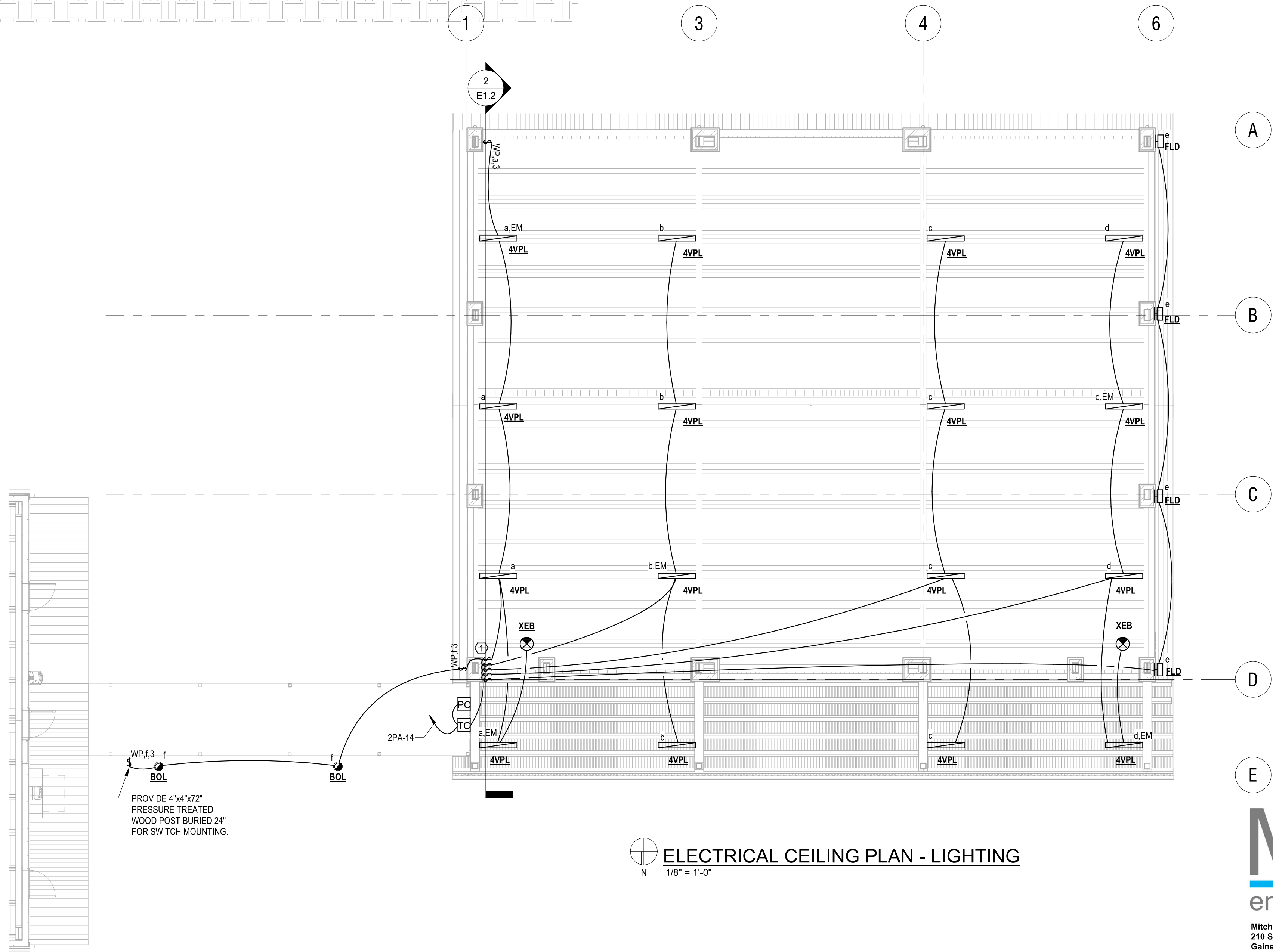
1. SUBMIT ALTERNATES TO A/E FOR CONSIDERATION A MINIMUM OF 10 BUSINESS DAYS PRIOR TO BID. SUBMIT FUTURE "CUT SHEET", INDICATING ALL INTENDED RATINGS AND OPTIONS.
2. A/E WILL REVIEW ALTERNATES TO DETERMINE IF THEY ARE FUNCTIONALLY, AESTHETICALLY, AND STRUCTURALLY EQUAL. A/E RESERVE THE RIGHT TO REJECT ANY FUTURE ALTERNATES TO THE BASIS OF DESIGN.
3. ALTERNATES REJECTED BY A/E SHALL NOT RESULT IN ADDITIONAL CHARGES TO THE OWNER.
4. FUTURE HALF SHADED OR MARKED "EM" ON THE PLANS SHALL BE PROVIDED WITH BODINE BATTERIES PROVIDING AT LEAST 900M OUTPUT FOR AT LEAST 90 MINUTES.



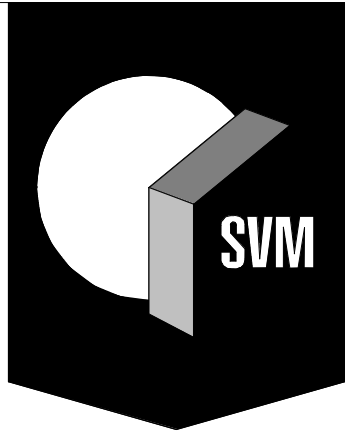
 **EAST ELEVATION**
1/4" = 1'-0"

SHEET NOTES

1 PROVIDE WEATHERPROOF SWITCHES FOR ZONES a-e.



 ELECTRICAL CEILING PLAN - LIGHTING
1/8" = 1'-0"



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Andrew P. McCaddin
PE - 83318

**UF/IFAS 20038 NORTH FLORIDA
REC - LIVE OAK AGRICULTURE
DEMONSTRATION BUILDING**

FOR

**UF PLANNING, DESIGN &
CONSTRUCTION**

PROJECT LOCATION:
LIVE OAK, FL 32060

REVISIONS

DESIGN PHASE: 100% CDS

DATE: 03/12/2020
DRAWN BY: BNF
CHECKED BY: APM

SHEET
E1.2

ELECTRICAL
CEILING PLAN -
LIGHTING

1460-30



Mitchell Gullledge
engineering

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Gainesville, FL 32601
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