Name of Project: Sylvatica Labs Address: 4401 Leeds Ave. North Charleston, SC Proposed Use: OFFICE Owner or Authorized Agent: Brenda Horn Phone # 843-991-6063 Owned By: City/County Private State Code Enforcement Jurisdiction: City North Charleston County Charleston OCCUPANCY AND OCCUPANCY LOAD Proposed Occupancy: B-BUSINESS OCCUPANCY Tenant Space Area: 8471 sf Occupancy Load: 8471 sf @ 1/150 = 56 Occupants													
								LEAD DESIGN PROFESSIONAL: JAMES VERKAIK DESIGNER FIRM NAME LICENSE # TELEPHO Civil X X // ()					
								DESIGNER		NAME	LICENSE	# TELEPHONE #	
Civil	X		/										
Structural	Curry Engineers	Paul Curry	/	_(843)_849-9755 _()_									
	James P Verkaik Architect, LLC		/ 6133 /	(843) 200-3509									
	ECHO Engineering, LLC	Michael Liddle		$\frac{1}{843}$ $\frac{1}{647-3246}$									
Plumbing	ECHO Engineering, LLC	Michael Liddle	/	(843) 647-3246									
Electrical	CDDC	Ryan Yocco	/	(<u>843</u>) <u>384–4731</u>									
AMERICAN NAT NATIONAL ELEC New C	Type: IV V-A	UNDERWRITERS L 2018 LIFE SAFET MA) 2009 IECC xisting Bldg) ■ U □ II-A ■ II-B □ V-B	ROLINA FIRE CO ABORATORIES ('Y CODE Ipfit Alt	(UL) teration									
AMERICAN NAT NATIONAL ELECT New C BUILDING DATA Construction Sprinklers: Standpipes: Fire District: Building Heigh Mezzanine:	SOUTH CAROLINA AMENDMENTS IONAL STANDARDS INSTITUTE (ANSI) ITRICAL MANUFACTURERS ASSOC. (NE onstruction	UNDERWRITERS L 2018 LIFE SAFET MA) 2009 IECC xisting Bldg) U II-A	ROLINA FIRE CO ABORATORIES (Y CODE Upfit	teration III-B 13D									
AMERICAN NAT NATIONAL ELECTION NEW CEMBUILDING DATA COnstruction Sprinklers: Standpipes: Fire District: Building Heigh Mezzanine: High Rise:	SOUTH CAROLINA AMENDMENTS IONAL STANDARDS INSTITUTE (ANSI) ETRICAL MANUFACTURERS ASSOC. (NE onstruction	UNDERWRITERS L 2018 LIFE SAFET MA) 2009 IECC xisting Bldg) U -A	ROLINA FIRE COLABORATORIES (PY CODE Property	teration III-B 13D									
AMERICAN NAT NATIONAL ELECTRON New C BUILDING DATA Construction Sprinklers: Standpipes: Fire District: Building Heigh Mezzanine: High Rise: Mezzanine	SOUTH CAROLINA AMENDMENTS IONAL STANDARDS INSTITUTE (ANSI) ETRICAL MANUFACTURERS ASSOC. (NE onstruction	UNDERWRITERS L 2018 LIFE SAFET MA) 2009 IECC xisting Bldg) U -A	ROLINA FIRE COLABORATORIES (PY CODE Property	teration III-B 13D									
AMERICAN NAT NATIONAL ELECTRON New C BUILDING DATA Construction Sprinklers: Standpipes: Fire District: Building Heigh Mezzanine: High Rise: BubaORloor Mezzanine 1st Floor Basement	SOUTH CAROLINA AMENDMENTS IONAL STANDARDS INSTITUTE (ANSI) ETRICAL MANUFACTURERS ASSOC. (NE onstruction	UNDERWRITERS L 2018 LIFE SAFET MA) 2009 IECC xisting Bldg) U II-A	ROLINA FIRE COLABORATORIES (PY CODE Property	teration III-B 13D									
AMERICAN NAT NATIONAL ELECTRON New C BUILDING DATA Construction Sprinklers: Standpipes: Fire District: Building Heigh Mezzanine:	SOUTH CAROLINA AMENDMENTS IONAL STANDARDS INSTITUTE (ANSI) ETRICAL MANUFACTURERS ASSOC. (NE onstruction	UNDERWRITERS L 2018 LIFE SAFET MA) 2009 IECC xisting Bldg) U -A	ROLINA FIRE COLABORATORIES (PY CODE Property	teration III-B 13D									
AMERICAN NAT NATIONAL ELECTION AND STREET CONSTRUCTION Sprinklers: Standpipes: Fire District: Building Heigh Mezzanine: High Rise: Ph@ORloor Mezzanine 1st Floor Basement TOTAL Primary Occup Busi High Instited Stor Utility Secondary Occup	SOUTH CAROLINA AMENDMENTS IONAL STANDARDS INSTITUTE (ANSI) ITRICAL MANUFACTURERS ASSOC. (NE onstruction Renovation (Experience) A	UNDERWRITERS L 2018 LIFE SAFET 2009 IECC xisting Bldg) U -A	ROLINA FIRE COLABORATORIES (PY CODE Property	DDE (UL) teration - 13D SUB-TOTAL SUB-TOTAL SUB-TOTAL SUB-TOTAL									

LIFE SAFETY SYSTEM REQUIREMENTS

Emergency Lighting:□ NoYesExit Signs:□ No■ YesFire Alarm:□ No■ YesSmoke Detection Systems:□ No■ YesPanic Hardware:□ No■ Yes

EXIT REQUIREMENTS

NUMBER AND ARRANGEMENT OF EXITS

FLOOR, ROOM OR SPACE DESIGNATION	MIN. NO. EXITS SECTION 1006		TRAVEL DISTANCE		ARRANGEMENT MEANS OF EGRESS ^{1,3} (SECTION 1007.1.1)		
	REQUIRED	SHOWN ON PLANS	ALLOWABLE TRAVEL DISTANCE (TABLE 1017.2)	ACTUAL TRAVEL DISTANCE SHOWN ON PLANS	REQUIRED DISTANCE BETWEEN EXIT DOORS	ACTUAL DISTANCE SHOWN ON PLANS	
Sylvatica Labs	2	3	300'-0"	114'-3"	60'-0"	120'0"	

EXIT WIDTH

USE GROUP OR SPACE DESCRIPTION	(a)	(b)	(c) EXIT WIDTH (i		n)			
	AREA ¹ sq. ft.		EGRESS WIDTH PER OCCUPANT (TABLE 1005.3.2)		REQUIRED WIDTH		PROVIDED WIDTH	
			STAIR	LEVEL	STAIR	LEVEL	STAIR	LEVEL
1st FLOOR	8471 SF	1/150=56 Occ	0.3	0.2	NA	11.2"	NA	180"

LEGEND TO SHEETS

ARCHITECTURAL

G-1 CODE REVIEW, INDEX TO SHEETS

C-1 SITE PLAN

A-1 EXISTING SPACE FLOOR PLAN

A-2 DIMENSIONED FLOOR PLAN

A-3 REFLECTED CEILING PLAN A-4 REFERENCE FLOOR PLAN

A-5 WALL SECTIONS

A-6 WALL SECTIONS

A-7 SCHEDULES

A-8 MILLWORK ELEVATIONS

A-9 SEISMIC NOTES & DETAILS

STRUCTURAL

S100 STRUCTURAL PLAN SPECS S110 GENERATOR FOUNDATION PLAN

PLUMBING

POO1 PLAN SPECS, DETAILS

P002 PLUMBING DETAILS
P003 FIXTURE SCHEDULES

P100 WASTE PLAN

P101 VENT PIPING PLAN

P102 WATER PLAN

MECHANICAL

M001 PLAN SPECS

M002 SCHEDULES

M003 SCHEDULES M004 HVAC DETAILS

M101 HVAC PLAN

M102 ROOF PLAN/UNIT LOCATION

ELECTRICAL

E001 PLAN SPECS

E002 SCHEDULES

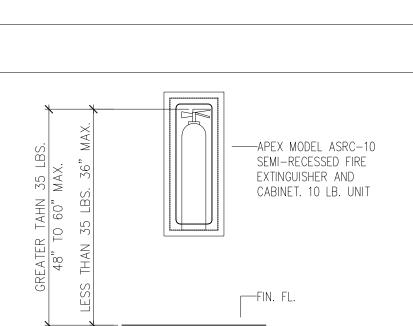
E003 RISER DIAGRAM

E004 PANEL SCHEDULES

E100 POWER PLAN

E101 LIGHTING PLAN

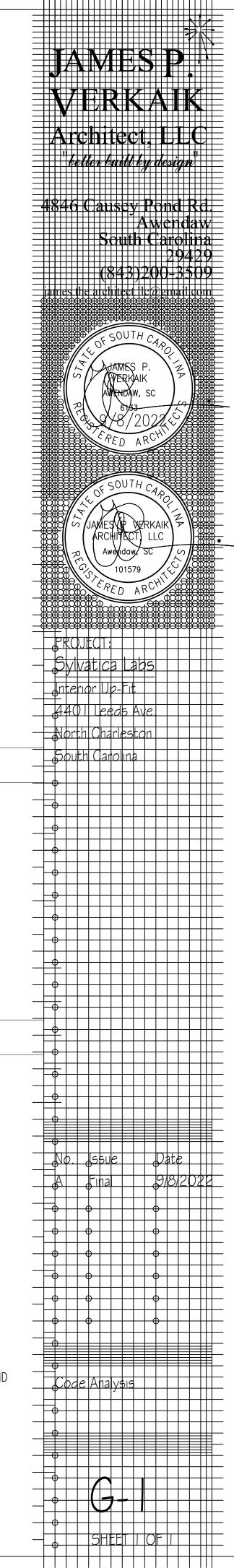
E300 OVERALL POWER INSTALL PLAN

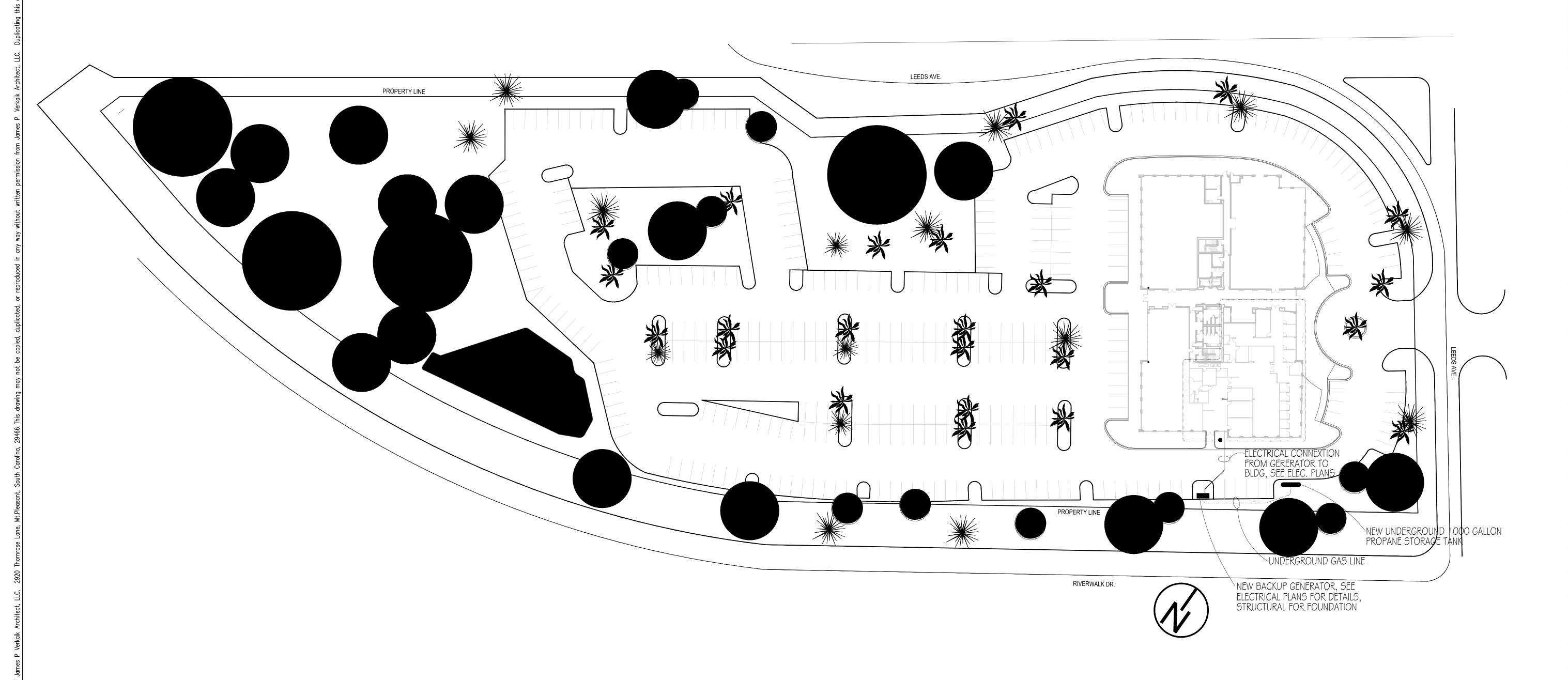


FIRE EXTINGUISHER

FIRE MARSHAL NOTES

- 1. ROOMS CONTAINING CONTROLS FOR AIR—CONDITIONING SYSTEMS, SPRINKLER RISERS AND VALVES, OR OTHER FIRE DETECTION, SUPPRESSION OR CONTROL ELEMANTS SHALL BE IDENTIFIED FOR THE USE OF THE FIRE DEPARTMENT. APPROVED SIGNS REQUIRED TO IDENTIFY FIRE PROTECTION EQUIPMENT AND EQUIPMENT LOCATION, SHALL BE CONSTRUCTED OF DURABLE MATERIALS, PERMANENTLY INSTALLED AND READILY VISIBLE. (IFC 509.1)
- 2. DOORS INTO ELECTRICAL CONTROL PANEL ROOMS SHALL BE MARKED WITH A PLAINLY VISIBLE AND LEGIBLE SIGN STATING "ELECTRICAL ROOM" OR SIMILAR APPROVED WORDING. (IFC 605.3.1)
- THE DISCONNECTING MEANS FOR EACH SERVIC3, FEEDER OR BRANCH CIRCUIT ORIGINATING ON A SWITCHBOARD OR PANEL BOARD SHALL BE LEGIBLY AND DURABLY MARKED TO INDICATE ITS PURPOSE. 9IFC 605.3.1)
- 4. INDIVIDUAL ELECTRIC METERS, SWITCH GEAR, AND GAS METERS SHOULD BE CLAERLY LABLED TO INDIATE THE SPACE/AREA AERVED.
- 5. AS REQUIRED, PROVIDE STRIPPING ON THE FLOOR AROUND ELECTRICAL PANELS TO CLEARLY IDENTIFY/INDICATE NOT LESS THAN A 36" CLEARENCE AREA/NO STORAGE AREA. (IFC 605.3)
- DEDICAED MECHANICAL/ELECTRICAL ROOMS SHALL BE POSTED WITH SIGNS READING "NO STORAGE" AND PLACED ON A CONTRASTING BACKGROUND WITHIN THE ROOM. (IFC 315.3.3)
- 7. IF WORKING (SHOP) DRAWINGS AND CUT SHEETS ARE NOT SUBMITTED WITH THE PLANS THEY WILL NEED TO BE LISTED WITH THE SUBMITTAL DOCUMENTS AS "DEFERRED" AND SHALL FOLLOW THE PROCEDURE IN THE 2012 IBC SECTION 106.3.4.2. SPRINKLER AND FIRE ALARM PLANS THAT MEET THIS SECTION MUST BE REVIEWED AND APPROVED BY THE DESIGN PROFESSIONAL BEFORE SUBMITTAL TO THE FIRE MARSHAL OFFICE FOR PLAN REVIEW AND PERMITTING.
- ANY MODIFICATIONS TO THE EXISTING FIRE ALARM AND SPRINKLER SYSTEMS WILL REQUIRE A CURRENT TEST AND INSPECTION REPORT. PROVIDE A COPY OF THAT ANNUAL TEST AND INSPECTION PAPERWORK, FROM A LICENSED CONTRACTOR, FOR THE EXISTING FORE ALARM AND/OR SPRINKLER SYSTEM.
- 9. WHERE REQUIRED, FIRE ALARM PLANS SHALL BE SUBMITTED TO THE CITYFIRE MARSHALS OFFICE FOR REVIEW AND PERMITTING. FIRE ALARM SYSTEMS MUST BE DESIGNED AND INSTALLED PER IFC & NFPA 72 REQUIREMENTS. (IFC 907.1.1)
-). FIRE ALARM AND SPRINKLER PLANS ARE TO BE PRODUCED AND SUBMITTED BY THE GENERAL CONTRACTORS SPRINKLER SUB CONTRACTOR AND ARE TO BE SUBMITTED BY THE SPRINKLER SUB CONTRACTOR TO THE FIRE MARSHAL FOR REVIEW AND APPROVAL.





JAMICS P.

VICENTIAL AIK

Architect, I.I.C.

"ketter built by design"

4846 Causey Pond Rd.

1846 Causey Pond Rd

South Carolina

(843)200-3509

and the architect legenal con

South Capallon

JAMES P. VERKAIK
AVIENDAW, SC

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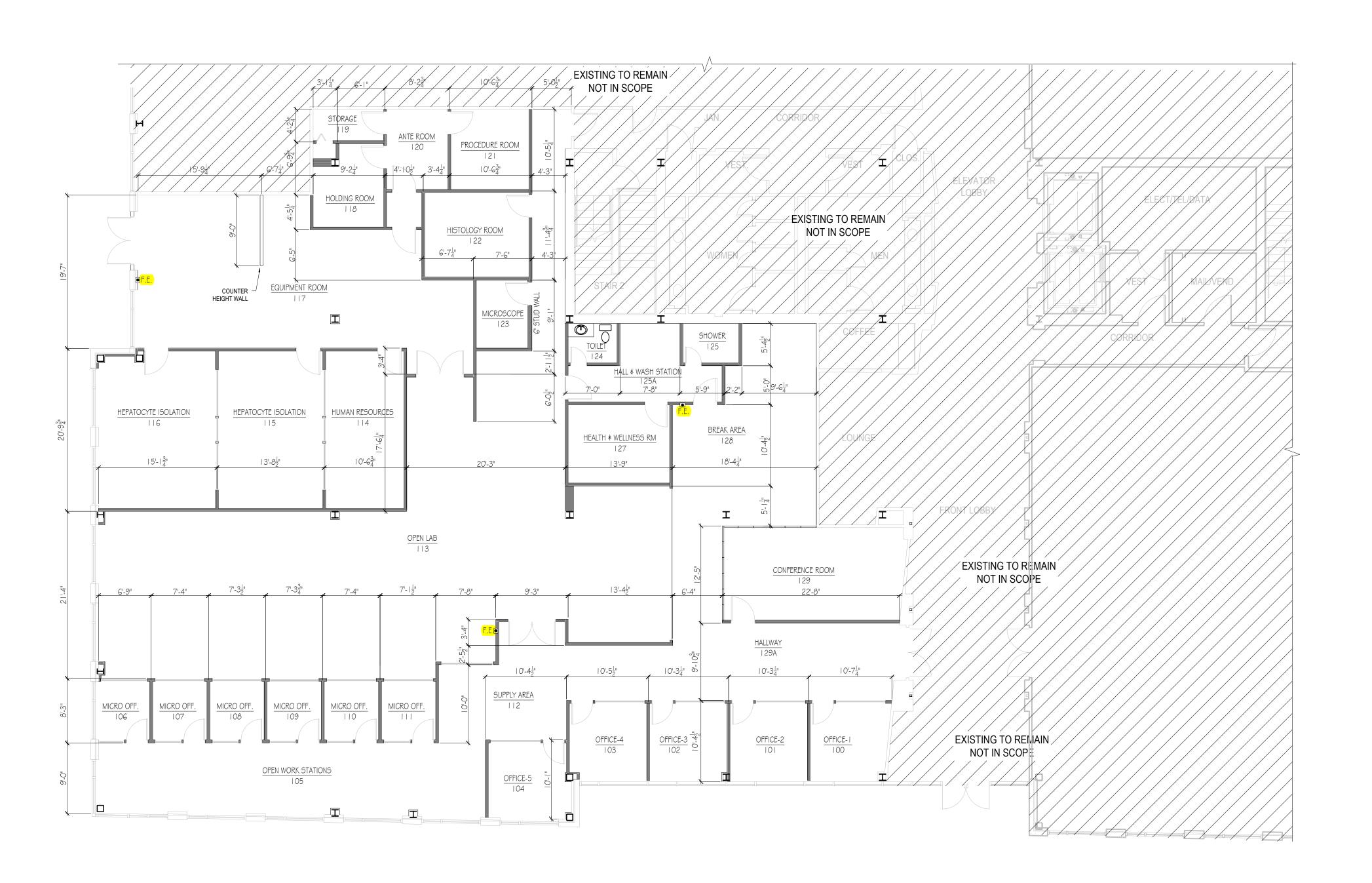
Sylvatica Labs
Interior Up-Fit
A40 I Leeds Ave
North Charleston
South Carolina

No. Jssue Date
A Fina 9/8/2

Overall Site Plan/Pro



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Architect, LLC ### The state of t

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| DIMENSIONED FLOOR PLAN | SCALE: 1/8"=1"-0"



LEGEND TO SYMBOLS

RECESSED CAN LIGHT

SUSPENDED CHANDELIER

EXHAUST FAN W/ LIGHT

SMOKE DETECTOR AND CARBON MONOXIDE

SUSPENDED CEILING LIGHT

WALL MOUNTED SCONCE LIGHT

DETECTOR

24"X48" LED RECESSED TROFFER LIGHT

24"X24" LED RECESSED TROFFER LIGHT

LINEAR SLOT DIFFUSER PER HVAC PLAN

24 x 24 CEILING SUPPLY DIFFUSER PER HVAC

24 x 24 CEILING RETURN DIFFUSER PER HVAC PLAN

SQUARE LED CHANDELIER

I 2 x 24 CEILING RETURN GRILLE PER HVAC PLAN

4FT/8FT LINEAR LED PENDANT

CLEAN ROOM VINYL 24"X24" CEILING TILES @ 108" AFF.

CLEAN ROOM VINYL 24"X24" CEILING TILES @ I 20" AFF.

RECESSED BOX I 5" ABOVE CEILING HEIGHT

WOOD GRILLE CEILING PANELS @ 108" AFF

PAINTED DRYWALL @ 96" AFF

NOTES:

1. SEE ELECTRICAL RCP FOR ELECTRICAL

NOTES AND SPECS.

NOTE: PRIOR TO CONSTRUCTION ALL AREAS SHOULD BE FIELD VERIFIED

Architect I design

Architect I design

Architect I design

As 6 Causey Pond Rd

Awendaw

South Carolina

(843)200-3509

James the architect I degmail con

South Carolina

South Carolina

SOUTH CAROL AWENDAW, SC

SOUTH CAROL

ARCHITECT LLC

AWENDAW, SC

SOUTH CAROL

ARCHITECT LLC

AWENDAW, SC

SOUTH CAROL

ARCHITECT LLC

AWENDAW, SC

SOUTH CAROL

PROJECT:

Sylvatica Labs

Interior Up-Fit

A401 Leeds Ave.

North Charleston

South Carolina

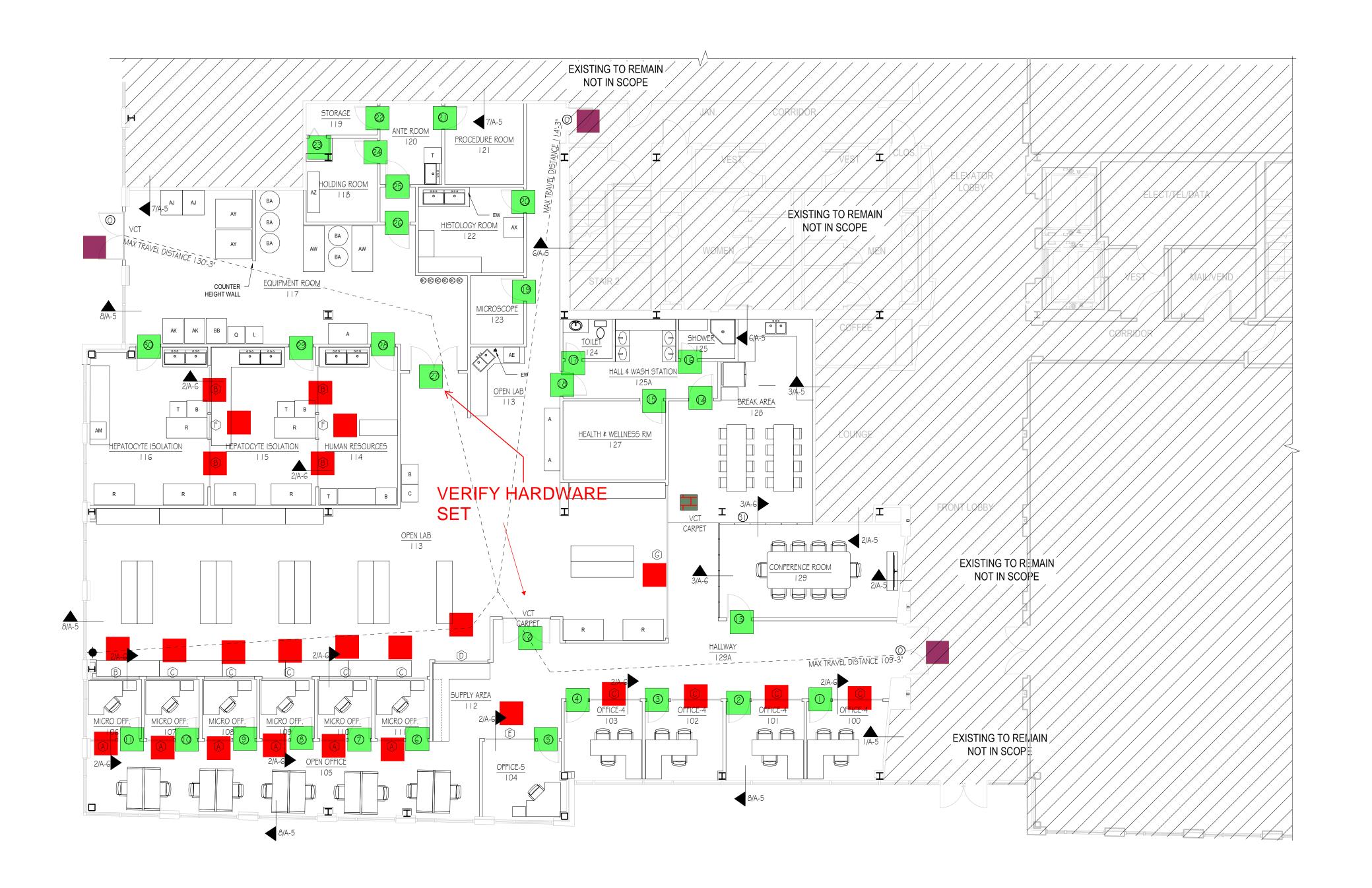
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A Fina 4/20,

Reflected Ceiling Plan

• A-3

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Architect, LLC "heller built by design" 4846 Causey Pond Rd.
Awendaw
South Carolina
29429
(843)200-3509
james the architect leagmail com

SHEET I OF I

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I REFERENCE FLOOR PLAN

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

