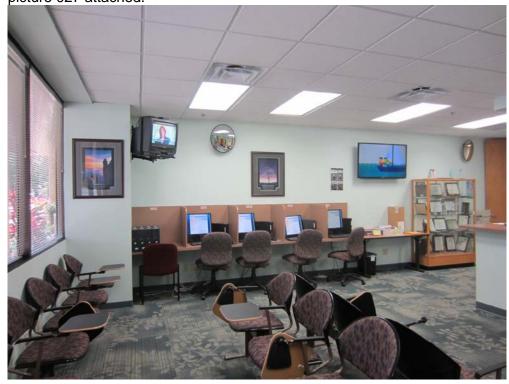
April 5, 2018 BOARD OF COUNTY COMMISSSIONERS ORANGE COUNTY, FLORIDA IFB Y18-753-RC Addendum No. 1

INTERNAL OPERATIONS CENTER I HUMAN RESOURCES SERVICE CENTER RENOVATIONS PHASE II & III

This addendum is intended to be incorporated into the bid documents of the project referenced above. The following items are clarifications, corrections, additions, deletions and/or revisions to and shall take precedence over the original documents. <u>Underlining</u> indicates additions, deletions are indicated by strikethrough.

- A. The Bid Opening Date remains as April 19th, 2018
- **B. QUESTIONS AND CLARIFICATIONS**
- **1. Question:** Please clarify note 16 on sheet A01.01B, what is the callout referencing?

Answer: All outlets serving existing TV and computers to remain. Refer to picture 027 attached.



2. Question: Please clarify notes 16 and 17 on sheet A01.01B what are the callouts referencing?

Answer: Note 16 refers to power strips and boxes along the windows. Refer to IMG 2036.

Note 17 refers to TV, needs to be removed from the current location to the new Marc Training Room #105.



C. IFB Y18-753-RC BID SCHEDULE

Delete: Delete the IFB Y8-753-RC Bid Schedule in its entirety.

Add: Add in its place <u>REVISED IFB Y8-753-RC BID SCHEDULE</u>,

REVISED PAGES D1-D6, attached and labeled this Addendum.

IMPORTANT: Failure to submit your bid with the "Revised Bid Schedule" per this Addendum shall be cause for your bid to be rejected as non-responsive.

D. <u>SPECIFICATIONS & PLANS</u>

- Delete IFB Y18-753-RC Volume II Technical Drawings and replace in its entirety with <u>revised Volume II Technical Drawings</u> labeled this addendum revised specifications can be found in the plans folder for the solicitation on the County's website.
- 2. "Planter Foundation Detail" is attached and labeled to this addendum.
- LVT-1 to be added to HR reception 222 and lobby 223 in lieu of existing carpet to remain. As was seen on site carpet had been removed and replaced with another LVT. GC to remove all existing LVT and carpet in this area.
 - a. LVT-1 (or approved equal)1200V-Resilient CollectionHighland Forest 4"

Ashwood 20100

E. ACKNOWLEDGEMENT OF ADDENDA

- a. The Bidder shall acknowledge receipt of this addendum by completing the applicable section in the solicitation or by completion of the acknowledgement information on the addendum. Either form of acknowledgement must be completed and returned not later that the date and time for receipt of the bid or proposal.
- b. Receipt acknowledged by:
- c. All other terms and conditions of the IFB remain the same.

Receipt acknowledged by:			
Authorized Signature	Date Signed		
Title			
Name of Firm			

OFFICIAL BID FORM

FOR

INTERNAL OPERATIONS CENTER I HUMAN RESOURCES SERVICE CENTER RENOVATIONS PHASE II & III

Mail or Hand Deliver

ORIGINAL BID FORM AND THREE (3) COMPLETE COPIES

BY 2:00 PM - April 19, 2018

To:

BOARD OF COUNTY COMMISSIONERS
ORANGE COUNTY, FLORIDA
INTERNAL OPERATIONS CENTRE II
PROCUREMENT DIVISION
400 E. SOUTH STREET – 2nd FLOOR
ORLANDO, FLORIDA 32801

Bid Opening:

April 19, 2018, - 2:00 PM

INTERNAL OPERATIONS CENTRE II PROCUREMENT DIVISION CONFERENCE ROOM, 2nd FLOOR ORLANDO, FLORIDA

COM	PANY NAME
COMPLETE	MAILING ADDRESS
CITY, COUNT	Y, STATE, ZIP CODE
TELEPHONE NUMBER	FAX NUMBER
CONTACT PERSON	E-MAIL ADDRESS
TIN#:	
NOTE: COMPANY NAME MUST MANUMBER. CURRENT W9 MUST BE	TCH LEGAL NAME ASSIGNED TO TIN SUBMITTED WITH BID/PROPOSAL
***********	***********
I	PART D

Revised D-1 Addendum 1 April 5, 2018

To the Board of County Commissioners Orange County, Florida

The Undersigned, hereinafter called "Bidder", having visited the site of the proposed project and familiarized himself with the local conditions, nature and extent of the work, and having examined carefully the Contract Form, General Conditions, Supplementary Conditions, Plans and Specifications and other Contract Documents, with the Bond requirements herein, proposes to furnish all labor, materials, equipment and other items, facilities and services for the proper execution and completion of: INTERNAL OPERATIONS CENTER I HUMAN RESOURCES SERVICE CENTER RENOVATIONS PHASE II & III in full accordance with the drawings and specifications prepared in accordance with the Contract Documents and, if awarded the Contract, to complete the said work within the time limits specified for the following LUMP SUM BID.

TOTAL BASE BID:	
	DOLLARS
(In Words)	
\$	
ADDITIVE BID ITEM 001: (Additive alternate). Double door removal. State the amount to be Bid for providing all work including labor, materials, coordination a provide removal of the double door as noted on sheet A0101B, Do Room 109.	nd supervision to
	DOLLARS
(In Words)	
\$	

providing all work including labor, materials, coordination and supervision to provide a new 3'-0" frameless glass door, 1/2 inch tempered glass door where double doors were
removed at future Training Room.
DOLLARS
(In Words)
\$
ADDITIVE BID ITEM 003: (Additive alternate). Finishes Marc Training Room. State the amount to be added to the Base Bid for providing all work including labor, materials, coordination and supervision to provide removal of base and carpet and installation of new base (B1) and carpet (C1 in MARC Training area Room 105.
DOLLARS
(In Words)
\$
ADDITIVE BID ITEM 004: (Additive alternate) Finishes for Training Room. State the amount to be added to the Base Bid for providing all work including labor, materials, coordination and supervision to provide removal of base and carpet and installation of new base (B1) and carpet (C1 in Training Room 109.
DOLLARS
(In Words)
\$

(Additive alternate). Glass Door. State the amount to be added to the Base Bid for

ADDITIVE BID ITEM 002:

Revised D-3 Addendum 1 April 5, 2018 In the event the Contract is awarded to this Bidder, he/she will enter into a formal written agreement with the County in accordance with the accepted bid within ten (10) calendar days after said Contract is submitted to him/her and will furnish to the County a Contract Payment and Performance Bond with good and sufficient sureties, satisfactory to the County, in the amount of 100% of the accepted bid. The Bidder further agrees that in the event of the Bidder's default or breach of any of the agreements of this proposal, the said bid deposit shall be forfeited as liquidated damages.

Failure of the Bidder to provide pricing for all unit priced items and/or the Base Bid and ALL requested additive/deductive bid items, or alternate bids shall be cause for rejection of the bid as non-responsive.

IMPORTANT: Failure to submit your bid with the "Revised Bid Schedule" per this Addendum shall be cause for your bid to be rejected as non-responsive.

The Bi	dder hereby agrees that there is attached:	
1. 2. 3.	Non-Collusion Affidavit, Attachment A Required Disclosure, Attachment B M/WBE Forms	Yes Yes
J.	Employment Data, Attachment C-1 Subcontractor/Supplier Page, Attachment C-2 Good Faith Effort, Attachment C-4	Yes Yes Yes No
1		
4. 5	Trench Safety Act Form, Attachment D	Yes N/A
5.	Drug-Free workplace Form Bid Bond on Form in Exhibit 1 or Coopier's Check	Yes NI/A
6.	Bid Bond on Form in Exhibit 1 or Cashier's Check	Yes N/A
7.	(10% of Base Bid) Original Bid Form (marked "Original") & 3 complete copies with all attachments	Yes
8.	References, Attachment E	Yes
9.	Licenses	Yes N/A
10.	Current W9	Yes
11.	Project Expenditure Report, Attachment F	Yes
12.	Relationship Disclosure Form, Attachment G	Yes
13.	Verification of Employment Status, Attachment H	Yes
ACKN	OWLEDGEMENT OF ADDENDA	
it not lathat had bid.	cks below or by completion of the applicable information ater than the date and time for receipt of the bid. Failure is a material impact on the solicitation may negatively impaterial impacts include but are not limited to changes nance period, quantities, bonds, letters of credit, insurance	e to acknowledge an addendum pact the responsiveness of your to specifications, delivery time,
Adden	dum NoDatedAddendum No	Dated
Adden	dum NoDatedAddendum No	Dated
	ded this construction Contract, the Bidder agrees to corct as follows:	nplete the work covered by this
1.	Work shall start at the project site within fourteen (14) of Notice to Proceed.	days of the effective date of the
2.	Substantially complete in 90 consecutive calendar days Proceed.	s from date of Official Notice to
3.	Final completion in 120 consecutive calendar days f Proceed.	rom date of Official Notice to
4.	Should the Successful Bidder fail to complete work as a clause will apply (Part E, Contract).	specified, the liquidated damage
	The Bidder hereby agrees that the County reserves the r	ight to waive informalities in any

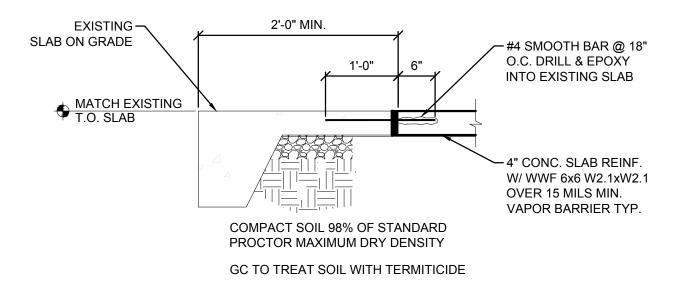
Revised D-5 Addendum 1 April 5, 2018

best interest of the County.

bid and to reject any or all bids, or to accept any bid that in its judgment will be for the

FLORIDA CONST	RUCTION IND	OUSTRIES LIC	CENSING E	BOARD CE	RTIFICATIO)N:
(NAME OF HOLDER)			(CERT	IFICATE N	O.)	
(SIGNATURE	OF BIDDER)	((CERTIFICA	TE EXPIRA	ATION DATE	Ξ)
(NAME T	YPED)		_			
<u>IDENTIFICATION</u>	OF BUSINESS	S ORGANIZA	TION			
Complete and sub	mit the followin	ng information	:			
Type of Org	ganization					
{} Sole Pro	prietorship {	()			
{ } Joint Ver	nture { } C	orporation				
State of Inc	orporation:			_		
Principal	Place of	Business City/Cour	(Florida nty/State	Statute	Chapter	607)
THE PRINCIPATHE BIDDER'S	PRINCIPAL ORPORATION	OFFICE A	S IDENTI			
The bidder or pro and/or negotiate of be duly bound. professional in a outcome of an act	poser represer Contracts and r <u>Principal is de</u> position capa	nts that the forested documents and the second seco	ollowing printents to white employee, antially infl	ch the bide officer or uencing th	der or propo other techr	ser wil nical o
Name	Title				E-Mail Add	
IN WITNESS WHE	EREOF, THE B	BIDDER HAS	HEREUNTO	SET HIS	SIGNATUR	
BY					(SEAL)	
TITLE:					_	
PRINT NAME ANI						
FEDERAL I.D.#						

Revised D-6 Addendum 1 April 5, 2018



DEMO NOTES:

- 1. REMOVE EXISTING GRAVEL AND PLASTIC LINER
- 2. REMOVE EXISTING TILE AND CONCRETE CURB
- 3. COMPACT SOIL

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

FOUNDATION DETAIL @ PLANTER AREA

IOC I HUMAN RESOURCES DIVISION

APRIL 3, 2018

ARCHITECTURAL DESIGN COLLABORATIVE

ORANGE COUNTY INTERNAL OPERATIONS CENTER I 450 EAST SOUTH STREET ORLANDO, FL 32801

ORANGE COUNTY MAYOR
HONORABLE TERESA JACOBS

COMMISSIONER DISTRICT 1
BETSY VANDERLEY

COMMISSIONER DISTRICT 2
BRYAN NELSON



COMMISSIONER DISTRICT 3
PETE CLARKE

COMMISSIONER DISTRICT 4
JENNIFER THOMPSON

COMMISSIONER DISTRICT 5
EMILY BONILLA

COMMISSIONER DISTRICT 6
VICTORIA P. SIPLIN

1ST AND 2ND FLOOR ALTERATIONS HUMAN RESOURCES DIVISION

ORANGE COUNTY PROJECT MANAGER: JACK DAVIS



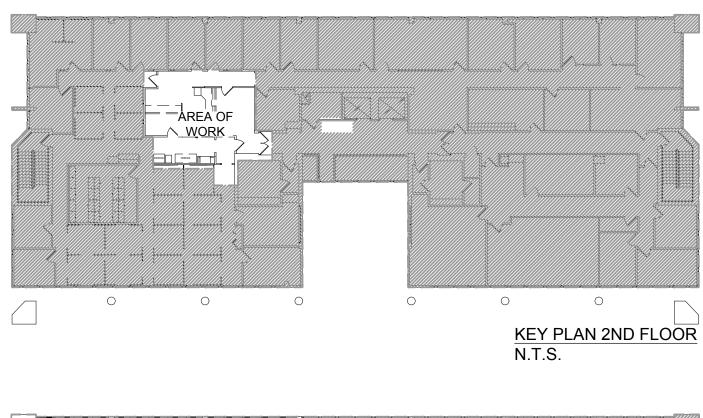
ARCHITECTURAL DESIGN
COLLABORATIVE
ARCHITECT
945 N. PENNSYLVANIA AVENUE
WINTER PARK, FLORIDA 32789
(407) 629-1188

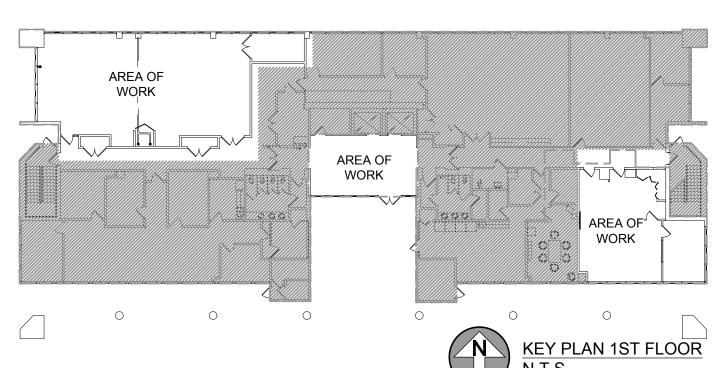
CONTACT: LOURDES FIGUEROA

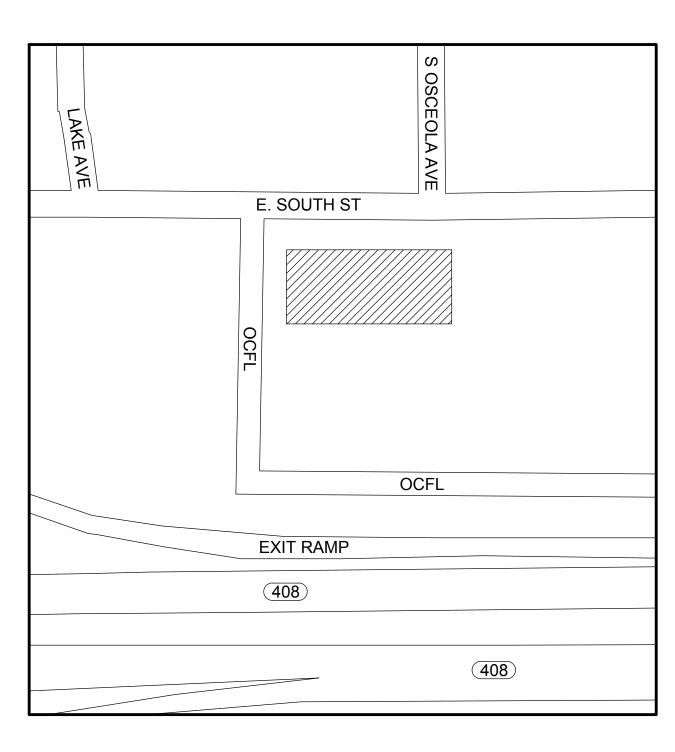


SGM ENGINEERING
MEP ENGINEER
935 LAKE BALDWIN LANE
ORLANDO, FL 32814
(407)767-5188

CONTACT: JOHN J BONOTTO









ARCHITECTURAL ABBREVIATIONS

Α		G	
ACCES	ACCESSORY	GA	GAUGE
ACOUS	ACOUSTIC(AL)	GFRC	GLASS FIBER REINFORCED
AFF AHJ	ABOVE FINISHED FLOOR AUTHORITY HAVING JURISDICTION	GFRG	CONCRETE GLASS FIBER REINFORCED
AL IJ	ALUMINUM	OFTO	GYPSUM
ALT	ALTERNATE	GFRP	GLASS FIBER REINFORCED
ANNUNC	ANNUNCIATOR	CI	PLASTER
ANOD APPL	ANODIZED APPLIANCE	GL GR	GLASS GRAD(E)(ING)
ARCH	ARCHITECT(URAL)	GYP	GYPSUM
AUTO	AUTOMATIC		
AVG •	AVERAGE	Н	
&	AND		
В		HD HDWD	HEAD HARDWOOD
		HDWE	HARDWARE
BLDG BOLLD	BUILDING BOLLARD	HM	HOLLOW METAL
BD	BOARD	HORIZ	HORIZONTAL
BLKG	BLOCKING	HVAC	HEATING, VENTILATING, AND AIR CONDITIONING
BRDLM	BROADLOOM	1	AIR CONDITIONING
BU	BUILT UP	<u> </u>	
С		INFO	INFORMATION
		INSTRUM	\ /
CAB	CABINET	INSUL INTLK	INSULATION INTERLOCK(ING)
CPT	CARPET	INT	INTERIOR
CEM CER	CEMENT(ITIOUS) CERAMIC	INFILTR	INFILTRATION
CLG	CEILING		
COATG	COATING	<u>J</u>	
COILG CONC	COILING CONCRETE	JAN	JANITOR
CONSTR	CONSTRUCTION		
CONT	CONTINUOUS(ATION)	K	
CONTR	CONTRACT(OR)	KIT	KITCHEN
COV CMU	COVER CONCRETE MASONRY UNIT	IMI	MIVILIN
- ····•	STATE OF THE STATE	1	
D		<u></u>	
DBL	DOUBLE	LAV	LAVATORY
DEPT	DEPARTMENT	LB	POUND
DES	DESIGN(ED)	£ LT	BRITISH POUND (CURRENCY) LIGHT
DET	DETAIL	LVLG	LEVELING
DF	DRINKING FOUNTAIN	LVR	LOUVER
DIA DIFF	DIAMETER DIFFUSER		
DIM	DIMENSION	<u>M</u>	
DISP	DISPENSER	MAX	MAXIMUM
DIV	DIVISION	MFD	MANUFACTURED
DN ¢	DOWN DOLLAR (US CURRENCY)	MFR MECH	MANUFACTURER MECHANICAL
\$ DR	DOOR	MET	METAL
DSCON	DISCONNECT	MEMB	MEMBRANE
DWR	DRAWER	MEZZ	MEZZANINE
		MIN	MINIMUM
E		MISC MLWK	MISCELLANEOUS MILLWORK
ELAST	ELASTOMERIC	MOIST	MOISTURE
ELEC	ELECTRICAL	MOT	MOTOR(IZED)
EMBED	, , ,	MTD	MOUNTED
ENGR ENTR	ENGINEER(ED) ENTRANCE	N I	
EQ	EQUAL	<u>N</u>	
	EQUIPMENT	NIC	NOT IN CONTRACT
EXIST		NO NTC	NUMBER
EXP JT EXPS	EXPANSION JOINT EXPOSE(D)	NTS	NOT TO SCALE
EXPS	EXTERIOR	0	
			ODMANIES:
F		ORNA	ORNAMENTAL OVERELOW
FAB	FABRICATION	OVFL OVHD	OVERFLOW OVERHEAD
FD	FLOOR DRAIN	OPNG	OPENING(S)
FE	FIRE EXTINGUISHER	OPR	OPERABLE
FE&C	FIRE EXTINGUISHER AND	Б	
FHC	CABINET FIRE HOSE CABINET	<u>P</u>	
FIN	FINISH	PTN	PARTITION
FLDG	FOLDING	PEDTR	PEDESTRIAN
FPLC	FIREPLACE	PBD	PARTICLE BOARD
FR	FIRE RAT(ING)(ED)	PjM PNL	PROJECT MANAGER PANEL
FRMG	FRAMING	POLYST	POLYSTYRENE
FXD FXTR	FIXED FIXTURE	PORT	
FLR	FLOOR(ING)	PREFIN	PREFINISHED
FURN	FURNITURE	PREFAB	PREFABRICATED
FUT	FUTURE	PLAM PLAS	PLASTIC LAMINATE PLASTER
FWC	FABRIC WALL COVERING	PLAS PLSTC	PLASTIC PLASTIC
FUT	FUTURE	PLYWD	PLYWOOD
FUI		ILIVVD	

RDR READER **RECES** RECESSED RECEPTACLE REF REFER(ENCE) REFL REFLECTED REFRIGERATOR REQUIRED

RESIST(ANT)(IVE) REINFORCE(D)(ING)(MENT) RESILIENT ROOFING ROOM

SCR **SCRIBE** SECURITY SQUARE FEET SGL SINGLE

SHORING SIMILAR SST STAINLESS STEEL STD STANDARD STL STEEL STRFR STOREFRONT

STRUCT STRUCTURAL SURFACE SUSP SUSPENDED SYS SYSTEM(S)

THK THICK TLT TOILET TRAFFIC TRANSPARENT TREATED

T&G TONGUE AND GROOVE TYP TYPICAL UNDRLAY UNDERLAYMENT

UNLESS NOTED OTHERWISE

VEHICLE VERTICAL VIF VERIFY IN FIELD

UTILITY

UTIL

WITH WATER CLOSET WOOD WINDOW WITHOUT WEIGHT

WTRPRF WATERPROOFING

VICINITY MAP



SCOPE

OVERALL SCOPE OF WORK

1. PROPOSED INTERIOR MINOR RENOVATION ON THE 1ST AND 2ND FLOOR AT THE ORANGE COUNTY HUMAN RESOURCES. SCOPE OF WORK INCLUDES DEMOLITION OF A FEW INTERIOR WALL PARTITIONS, PROPOSING NEW WALLS AND FLOOR FINISHES, NEW FURNITURE PIECES, AND RELOCATION OF A FEW LIGHT FIXTURES, DIFFUSERS, AND RETURNS. EXISTING FURNITURE AND MILLWORK WILL BE REMOVED AND REPLACED WITH NEW. THERE WILL BE NO CHANGE TO THE EXISTING BUILDING FOOTPRINT OR TO THE OCCUPANCY CLASSIFICATION.

EXISTING FIRE SPRINKLERS AND SYSTEM TO REMAIN UNTOUCHED.

SCOPE OF WORK NOTES:

1. WORK THAT IS NOT STATED HEREIN NOR SHOWN IN THESE PLANS IS NOT PART OF THE SCOPE OF WORK FOR THIS PROJECT.

2. ADDITIONAL WORK REQUIRED THAT WOULD ALTER THE PRESENTED SCOPE OF WORK SHALL BE SUBJECT TO A REVISION OF THESE DOCUMENTS AND TO BE REVIEWED BY THE BUILDING DEPARTMENT HAVING JURISDICTION.

PROJECT INFORMATION

APPLICABLE CODES FLORIDA BUILDING CODE - (6th EDITION 2017) FLORIDA BUILDING CODE ACCESSIBILITY (6th EDITION 2017) FLORIDA BUILDING CODE - EXISTING BUILDING- (6th EDITION 2017) FLORIDA FIRE PREVENTION CODE - (6th EDITION) NFPA 101 - LIFE SAFETY CODE 2015 WITH FLORIDA AMENDMENTS NFPA 1- UNIFORM FIRE CODE 2015 WITH FLORIDA AMENDMENTS NFPA 70 - NATIONAL ELECTRICAL CODE - 2014 FLORIDA MECHANICAL CODE - 2017 FLORIDA ENERGY CODE - 2017 FLORIDA STATUTES FLORIDA ADMINISTRATIVE CODE ORLANDO CITY CODE

CITY OF ORLANDO JURISDICTION

OCCUPANCY	
GROUP CLASSIFICATION:	BUSINESS
OCCUPANT/SQ. FT.:	1/100
1st FLOOR	
SCOPE OF WORK SQ. FT.:	1,847 SQ. FT.
OCCUPANT/SQ. FT.:	18
FLOOR OVERALL SQ. FT.:	11,475 SQ. FT.
2nd FLOOR	
SCOPE OF WORK SQ. FT.:	823 SQ. FT.
OCCUPANT/SQ. FT.:	8
FLOOR OVERALL SQ. FT.:	12,188 SQ. FT.

SEE LIFE SAFETY SUMMARY AND DIAGRAM ON A00.53 MAX. TRAVEL DISTANCE: 300 FT. (SPRINKLERED) PROVIDED: - FT. MAX. COMMON PATH OF TRAVEL: 100 FT (SPRINKLERED) PROVIDED: - FT. MAX. DEAD END CORRIDOR: 50FT. (SPRINKLERED)

PROVIDED: - FT. EGRESS CAPACITY: 23 x .2 = 4.6" PROVIDED: -" (2 doors @ 34")

CONSTRUCTION

EXISTING SPRINKLERED or NONSPRINKLERED: SPRINKLERED BUILDING **HEIGHT**: **EXISTING CLASSIFICATION OF WORK: ALTERATION LEVEL 2**

PLUMBING REQUIREMENTS:

NOTE: WATER CLOSETS, LAVATORIES, & DRINKING FOUNTAINS ARE PROVIDED IN THE BUILDING COMMON AREA. EXISTING RESTROOMS & DRINKING FOUNTAINS TO REMAIN AND ARE NOT IN THE SCOPE OF WORK.

CLASS OF REHABILITATION

MODIFICATION - EXISTING CONSTRUCTION SHALL COMPLY WITH MINIMUM EXISTING OCCUPANCY REQUIREMENTS AS PER NFPA CHAPTER 43.

INTERIOR FINISH CLASS

INTERIOR WALL AND CEILING FINISHES FOR EXIT CORRIDOR SHALL NOT EXCEED AN END POINT FLAME SPREAD RATING: A. CLASS I, FLAME SPREAD 0-25, SMOKE DENSITY 150, FOR MATERIALS INSTALLED IN VERTICAL EXITS. B. CLASS II, FLAME SPREAD 26-75, SMOKE DENSITY 300, FOR MATERIALS INSTALLED IN HORIZONTAL EXITS. C. CLASS III, FLAME SPREAD 76-200, SMOKE DENSITY 450, FOR MATERIALS INSTALLED IN ANY OTHER LOCATION.

BUILDING CORRIDORS TO REMAIN FREE FOR EGRESS AND NOT REQUIRE TEMPORARY WALLS THAT WOULD BLOCK EGRESS OUT OF THE BUILDING DURING CONSTRUCTION.

DRAWING INDEX

ARCHITECTURAL

COVER SHEET
INDEX
GRAPHIC SYMBOLS
ACCESSIBILITY INFO
DEMOLITION PLAN - 1ST FLOOR
DEMOLITION PLAN - 1ST FLOOR
DEMOLITION PLAN - 2ND FLOOR
CONSTRUCTION PLAN - 1ST FLOOR
CONSTRUCTION PLAN - 1ST FLOOR
CONSTRUCTION PLAN - 2ND FLOOR
POWER & COMMUNICATION PLAN - 1ST FLOOR
POWER & COMMUNICATION PLAN - 1ST FLOOR
POWER & COMMUNICATION PLAN - 2ND FLOOR
DEMO REFLECTED CEILING PLAN - 1ST FLOOR
DEMO REFLECTED CEILING PLAN - 1ST FLOOR
REFLECTED CEILING PLAN - 1ST FLOOR
REFLECTED CEILING PLAN - 1ST FLOOR
DEMO REFLECTED CEILING PLAN - 2ND FLOOR
REFLECTED CEILING PLAN - 2ND FLOOR
FLOOR FINISH PLAN - 1ST FLOOR
FLOOR FINISH PLAN - 1ST FLOOR
FLOOR FINISH PLAN - 2ND FLOOR

FIRE PROTECTION

F001	FIRE PROTECTION SYMBOLS LEGEND AND GENERAL NOTES
ED4044	
FD101A	DEMOLITION FIRE PROTECTION PLAN - 1ST FLOOR
FD101B	DEMOLITION FIRE PROTECTION PLAN - 1ST FLOOR
FD102	DEMOLITION FIRE PROTECTION PLAN - 2ND FLOOR
F201A	NEW FIRE PROTECTION PLAN - 1ST FLOOR
F201B	NEW FIRE PROTECTION PLAN - 1ST FLOOR
F202	NEW FIRE PROTECTION PLAN - 2ND FLOOR

MECHANICAL

	M001	MECHANICAL SYMBOLS, LEGEND AND
		GENERAL NOTES
	MD101A	DEMOLITION MECHANICAL PLAN - 1ST FLOOR
Ξ	MD101B	DEMOLITION MECHANICAL PLAN - 2ND FLOOR
3	MD102	DEMOLITION MECHANICAL PLAN - 2ND FLOOR
F	M201A	NEW MECHANICAL PLAN - 1ST FLOOR
	M201B	NEW MECHANICAL PLAN - 1ST FLOOR
	M202	NEW MECHANICAL PLAN - 2ND FLOOR
	M601	MECHANICAL DETAILS

ELECTRICAL

E001	ELECTRICAL SYMBOLS, LEGEND AND GENERAL NOTE
ELD101A	DEMO ELECTRICAL LIGHTING PLAN - 1ST FLOOR
ELD101B	DEMO ELECTRICAL LIGHTING PLAN - 1ST FLOOR
ELD102	ELECTRICAL LIGHTING DEMO PLAN - 2ND FLOOR
EPD101A	ELECTRICAL POWER DEMO PLAN - 1ST FLOOR
EPD101B	ELECTRICAL POWER DEMO PLAN - 1ST FLOOR
EPD102	ELECTRICAL POWER DEMO PLAN - 2ND FLOOR
EL101A	NEW ELECTRICAL LIGHTING PLAN - 1ST FLOOR
EL101B	NEW ELECTRICAL LIGHTING PLAN - 1ST FLOOR
EL202	NEW ELECTRICAL LIGHTING PLAN - 2ND FLOOR
EP201A	NEW ELECTRICAL POWER AND SYSTEMS
	PLAN - 1ST FLOOR
EP201B	NEW ELECTRICAL POWER AND SYSTEMS
	PLAN - 1ST FLOOR
EP202	NEW ELECTRICAL POWER AND SYSTEMS
	PLAN - 2ND FLOOR

ARCHITECTURAL DESIGN COLLABORATIVE 945 N. PENNSYLVANIA AVENUE WINTER PARK, FLORIDA 32789 OFFICE: (407) 629-1188 FAX: (407) 388-1220 WWW. ADCINTERNATIONAL.NET STATE OF FLORIDA

AA-C001315 ALBERT JOSEPH COOPER III, R.A. AR-0010460 Architect • Seal/Signature

Construction Documents for:

ORANGE COUNTY IOC I **HUMAN RESOURCES DIVISION** 1ST AND 2ND FLOOR ALTERATIONS 450 EAST SOUTH STREET ORLANDO, FL 32801

_					
	Issue	Date & Issu	e Description [Drawn By	Checked I
ľ	1	09.16.16	60% REVIEW SET	YM	KA
	2	01.13.17	TEST-FIT	YM	KA
ľ			NEW SCOPE		
ľ	3	08.22.17	60% REVIEW SET_	R1 LF	KA
			NEW SCOPE		
ľ	4	11.27.17	90% REVIEW SET	LF	KA
			NEW SCOPE		
	5	01.24.18	PERMIT/ BID SET	LF	KA
)			NEW SCOPE		
֓֞֞֞֞֓֓֓֟֝֟֓֓֓֟					
PLANNING					
n T					
SPACE					
S					

Issue Date

Project Status

60% REVIEW_R1

Scale

ECTR	RICAL	ш		
		URE.	Project Number	Is
1	ELECTRICAL SYMBOLS, LEGEND AND GENERAL NOTES	띮	16125	
101A	DEMO ELECTRICAL LIGHTING PLAN - 1ST FLOOR	Ε	Drawn By	Proje
101B	DEMO ELECTRICAL LIGHTING PLAN - 1ST FLOOR	RCH	YM/LF	60%
102	ELECTRICAL LIGHTING DEMO PLAN - 2ND FLOOR	₹	Checked By KA	
)101A	ELECTRICAL POWER DEMO PLAN - 1ST FLOOR		IVA	
)101B	ELECTRICAL POWER DEMO PLAN - 1ST FLOOR			
102	ELECTRICAL POWER DEMO PLAN - 2ND FLOOR		File Name	
01A	NEW ELECTRICAL LIGHTING PLAN - 1ST FLOOR		X:\dwgs\16125 OC IOC I HR Reno\CA	D\SHEETS\
01B	NEW ELECTRICAL LIGHTING PLAN - 1ST FLOOR		A00.00 INDEX.dwg	
02	NEW ELECTRICAL LIGHTING PLAN - 2ND FLOOR		J	
01A	NEW ELECTRICAL POWER AND SYSTEMS			
	PLAN - 1ST FLOOR		<u> </u>	
01B	NEW ELECTRICAL POWER AND SYSTEMS		Consultant ● Seal/Signature	
	PLAN - 1ST FLOOR			
02	NEW ELECTRICAL POWER AND SYSTEMS			
	PLAN - 2ND FLOOR			

Sheet Title:

Client Information

INDEX

A00.00

GRAPHIC SYMBOLS (CONT.) GRAPHIC SYMBOLS (CONT.) ELEVATION INDICATIONS REFLECTED CEILING ACOUSTICAL CEILING STONE AND GRID MAIN RUNNER BRICK/CONCRETE BLOCK GYPSUM BOARD SOFFIT EXISTING TO BE REMOVED FINISHED WOOD SURFACE MOUNTED FLUORESCENT LIGHT FIXTURE GLASS FLUORESCENT STRIP FIXTURE FLUORESCENT PENDANT FIXTURE **---**QUARTZ CEILING HEIGHT CHANGE **RESIN** (X'-X'')DIMENSION OF CEILING ABOVE FINISH FLOOR \sqrt{XXXXX} CEILING FINISH **SECTION INDICATIONS** CEILING MOUNTED EXIT SIGN, SHOWS QUANTITY OF FACE(S AND DIRECTION OF ARROW(S) SAND OR GROUT SMOKE DETECTOR EARTH OR NATURAL GROUND **STROBE** 00.00.00 POROUS FILL (GRAVEL) FIRE SPRINKLER STONE SPEAKER CONCRETE 4.4.4 ACCESS DOOR $\qquad \qquad \Box \bigcirc$ SECURITY CAMERA BRICK **THERMOSTAT** CONCRETE MASONRY UNIT LIGHT SWITCH DIMMER SWITCH METAL RETURN AIR NON-FERROUS ALUMINUM PLYWOOD WOOD (FINISH) DENOTES EXISTING TO REMAIN DENOTES EXISTING, RELOCATED FIXTURE \rightarrow WOOD (CONTINUOUS) WOOD (BLOCKING) INTERRÙPTED MEMBER INSULATION (LOOSE OR BATT) **FINISH** INSULATION (RIGID) WALL FINISH GLASS (LARGE SCALE) - BASE FINISH EXTENT OF FINISH GYPSUM BOARD –(xxxxx)– WALL FINISH PLASTER WITH LATH ____ - EXTENT OF FINISH ACOUSTICAL TILE WALL FINISH WAINSCOT FINISH CARPET -BASE FINISH FABRIC WRAPPED PANEL EXTENT OF FINISH SPECIAL FINISH <xxxxx> FLOOR FINISH CHANGE IN FLOOR FINISH

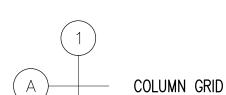
GRAPHIC SYMBOLS (CONT.)

POWER & COMMUNICATION

- WALL MOUNTED DUPLEX
- WALL MOUNTED FOURPLEX
- QUADRAPLEX ISOLATED
- WALL MOUNTED SEPARATE DUPLEX
- WALL MOUNTED DEDICATED DUPLEX
- WALL MOUNTED DEDICATED FOURPLEX WALL MOUNTED HALF DEDICATED FOURPLEX
- WALL MOUNTED SPECIAL OUTLET
- WALL MOUNTED TELEPHONE RECEPTACLE
- WALL MOUNTED TELE/DATA RECEPTACLE
- WALL MOUNTED 1 TELE/2 DATA RECEPTACLE QUAD FACEPLATE TERMINAL IN SINGLE-GANG, DUPLEX J-BOX.
- WALL MOUNTED DATA RECEPTACLE
- WALL MOUNTED A/V RECEPTACLE
- WALL MOUNTED TV/CAMERA RECEPTACLE 3" SQUARE.
- FLUSH FLOOR MOUNTED TELEPHONE RECEPTACLE
- FLUSH FLOOR MOUNTED TELE/DATA RECEPTACLE
- FLUSH FLOOR MOUNTED 1 TELE/2 DATA RECEPTACLE
- FLUSH FLOOR MOUNTED DATA RECEPTACLE
- FLUSH FLOOR MOUNTED DUPLEX
- FLUSHFLOOR MOUNTED FOURPLEX
- FLUSH FLOOR MOUNTED DEDICATED DUPLEX
- FLUSH FLOOR MOUNTED DEDICATED FOURPLEX
- FLUSH FLOOR MOUNTED SEPARATE DUPLEX
- FLUSH FLOOR MOUNTED SEPARATE FOURPLEX
- FLUSH FLOOR MOUNTED DUPLEX WITH TELE/DATA RECEPTACLE
- FLUSH FLOOR MOUNTED DEDICATED DUPLEX
- WITH TELE/DATA RECEPTACLE
- FLUSH FLOOR MOUNTED SEPARATE DUPLEX WITH TELE/DATA RECEPTACLE
- FLUSH FLOOR MOUNTED A/V RECEPTACLE
- FLUSH FLOOR MOUNTED TV RECEPTACLE
- POKE-THRU TEL. MONUMENT
- POKE-THRU TELE/DATA MONUMENT
- POKE-THRU DATA POWER MONUMENT
- POKE-THRU DUPLEX POWER MONUMENT POKE-THRU FOURPLEX POWER MONUMENT
- POKE-THRU DEDICATED DUPLEX POWER MONUMENT
- POKE-THRU DEDICATED FOURPLEX POWER MONUMENT
- POKE-THRU SEPARATE DUPLEX POWER MONUMENT
- POKE-THRU SEPARATE FOURPLEX POWER MONUMENT
- POKE-THRU A/V MONUMENT
- POKE-THRU TV MONUMENT
- FLUSH WALL MOUNTED POWER JUNCTION BOX WITH HARDWIRE CONNECTION
- FLOOR POKE-THRU JUNCTION BOX WITH HARDWIRE CONNECTION
- COMBINATION FLOOR POKE-THRU JUNCTION BOX
- WITH HARDWIRE CONNECTION CARD READER
- INTERCOM DEVICE
- DOOR RELEASE BUTTON
- DOOR BELL PUSH BUTTON TO READ "PUSH TO EXIT"
- PER NFPA 7.2.1.6.2 (4) MONITOR
- PHONE DIRECTORY
- ELECTROMAGNETIC DOOR HOLD OPEN
- ELECTRIC LOCKSET (SEE HARDWARE SCHEDULE)
- MAGNETIC LOCK (SEE HARDWARE SCHEDULE) SECURITY SYSTEM DOOR MONITOR CONTACT
- (SEE HARDWARE SCHEDULE) INTRUSION ALARM (SEE SECURITY DRAWINGS)
- KEY SWITCH (SEE SECURITY DRAWINGS)
- CONTROL PANEL
- 491 EMERGENCY BREAK GLASS STATION; SECURITY DOOR CONTROLS
- WALL MOUNTED SIMON BOARD, POWER & DATA TO BE COORDINATED WITH VENDOR
- EQUIPMENT ITEM SEE SCHEDULE
- FIRE WARDEN STATION
- FIRE ALARM PULL BOX
- SECURITY MONITOR
- A/V FOR PROJECTION SYSTEM
- CAMERA REFER TO REFLECTED CEILING PLAN FOR LOCATION
- RECESSED POWER. DATA & COAX OUTLET, SEE PLAN FOR HT
- GROUND FAULT INTERCEPTOR

GRAPHIC SYMBOLS

CONSTRUCTION



NEW PARTITION REFERENCE TO PARTITION TYPE

1 HR. RATED PARTITION

1 1/2 HR. RATED PARTITION

2 HR. RATED PARTITION 3 HR. RATED PARTITION

4 HR. RATED PARTITION SMOKE PARTITION

OFFICE - ROOM NAME

ELEVATION DATUM POINT

04F06 |---ROOM NUMBER DOOR NUMBER (WITH SCHEDULE)

"N" PREFIX DENOTES DOOR AT NON-DT OPTION ONLY

ALIGN WITH ESTABLISHED SURFACES

(XX)SHEET NOTE



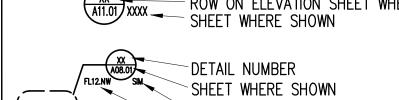
REVISION REFERENCE

EXTERIOR ELEVATION INDICATION

ROW ON ELEVATION SHEET WHERE SHOWN DIRECTION OF ELEVATION SHEET WHERE SHOWN

INTERIOR ELEVATION INDICATION LOCATION ON ROW WHERE SHOWN DIRECTION OF ELEVATION ROW ON ELEVATION SHEET WHERE SHOWN

DESCRIPTION OF SIMILAR OR OPPOSITE



FLOOR LEVEL AND AREA OR PHASE AREA TO BE DETAILED MILLWORK

MILLWORK SCHEDULE TAG (IF USED)

FIRE EXTINGUISHER WITHOUT CABINET FIRE EXTINGUISHER CABINET

FIRE VALVE WITHOUT CABINET FIRE VALVE CABINET

ARCHITECTURAL DESIGN COLLABORATIVE 945 N. PENNSYLVANIA AVENUE WINTER PARK, FLORIDA 32789 OFFICE: (407) 629-1188 FAX: (407) 388-1220

WWW. ADCINTERNATIONAL.NET

STATE OF FLORIDA AA-C001315 ALBERT JOSEPH COOPER III, R.A. AR-0010460

Architect • Seal/Signature

construction Documents for:

ORANGE COUNTY IOC I HUMAN RESOURCES DIVISION 1ST AND 2ND FLOOR ALTERATIONS 450 EAST SOUTH STREET ORLANDO, FL 32801

ssue Date & Issue Description Drawn By Checked By 09.16.16 60% REVIEW SET ΥM 01.13.17 TEST-FIT ΥM NEW SCOPE 08.22.17 60% REVIEW SET R1 LF **NEW SCOPE** 90% REVIEW SET **NEW SCOPE** 01.24.18 PERMIT/ BID SET LF **NEW SCOPE** Client Information

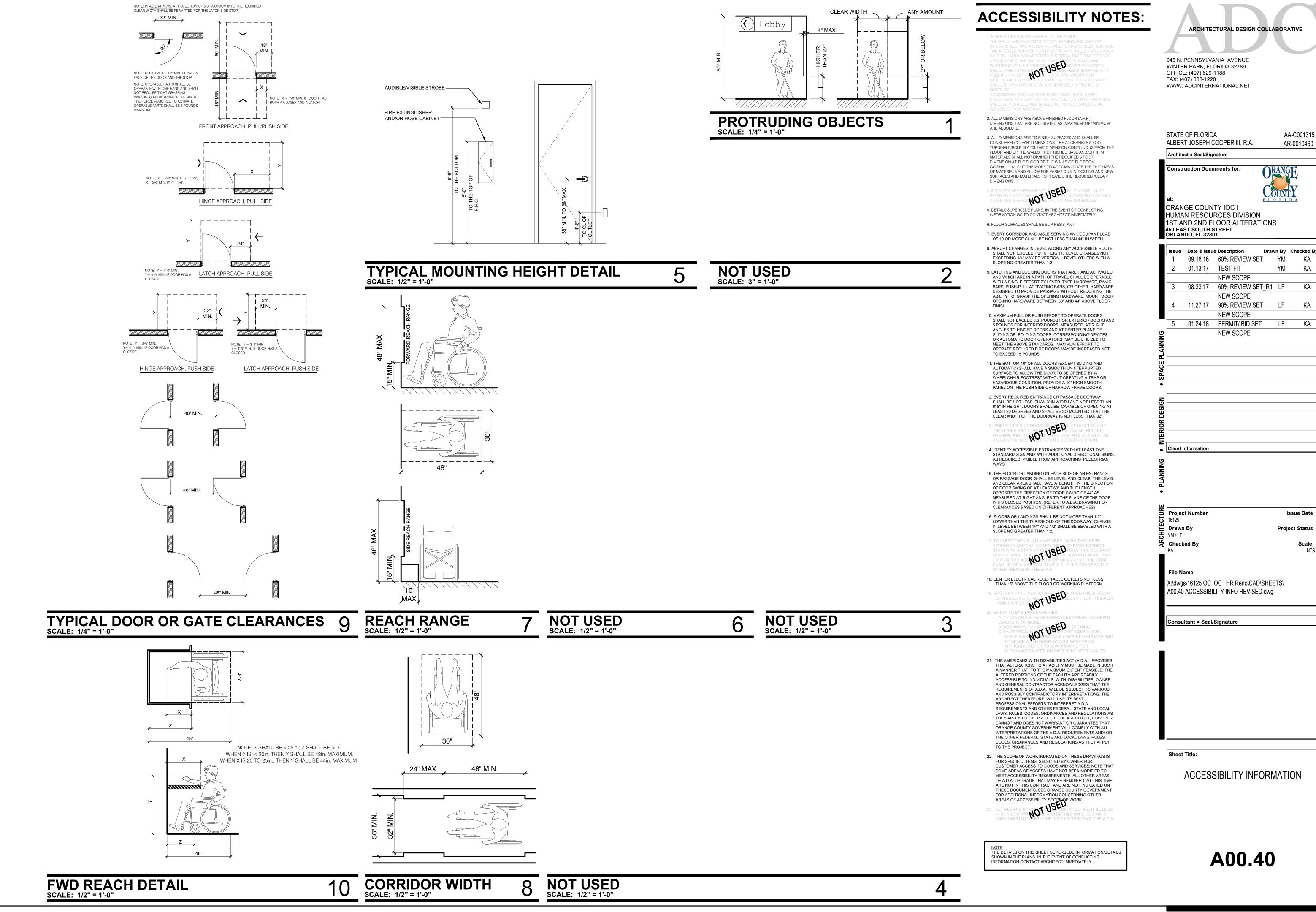
Project Number Issue Date 16125 Drawn By **Project Status** YM / LF 60& REVIEW_R1 Checked By Scale X:\dwgs\16125 OC IOC I HR Reno\CAD\SHEETS\ A00.01 GRAPHIC SYMBOLS.dwg

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GRAPHIC SYMBOLS

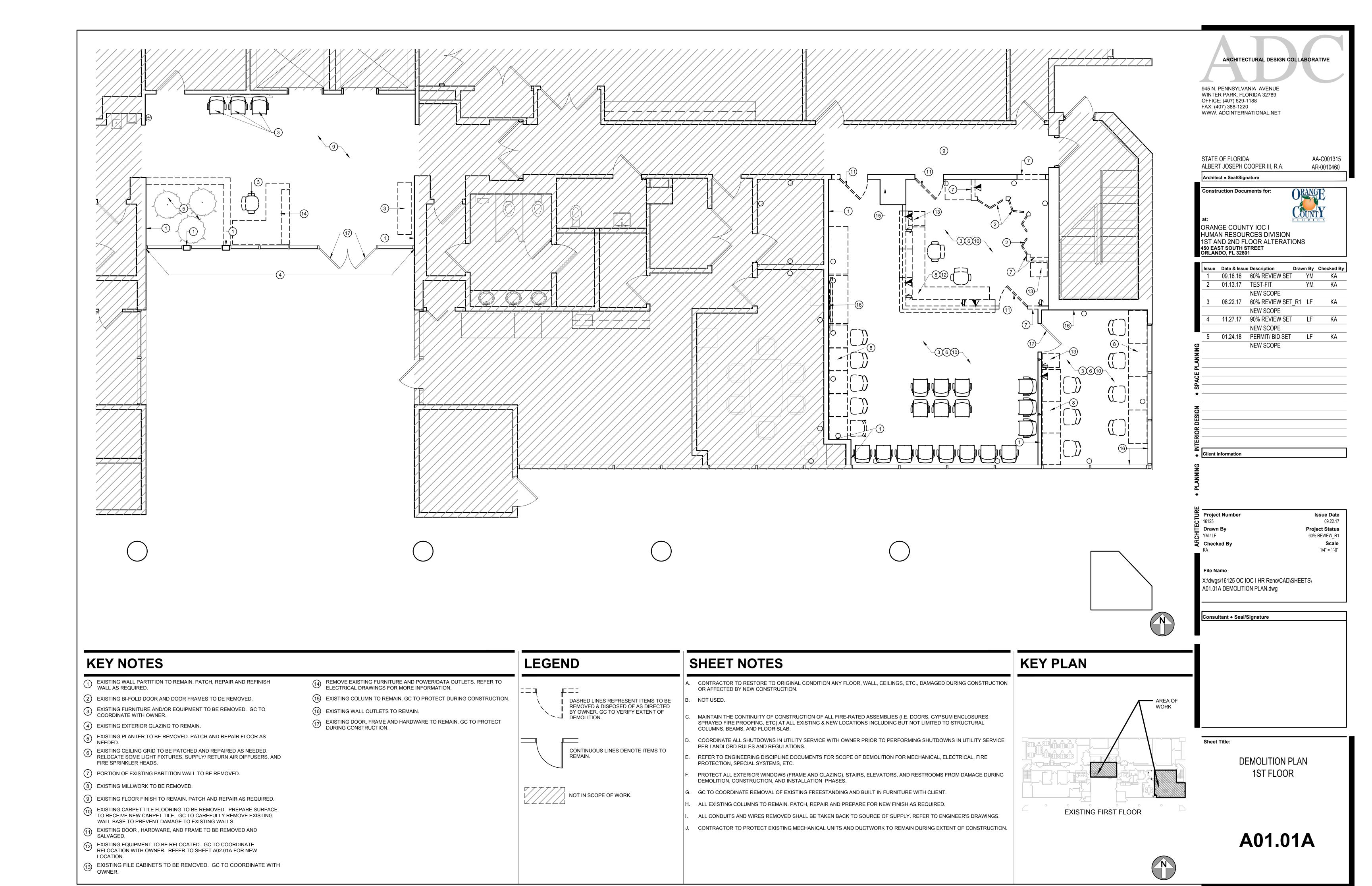
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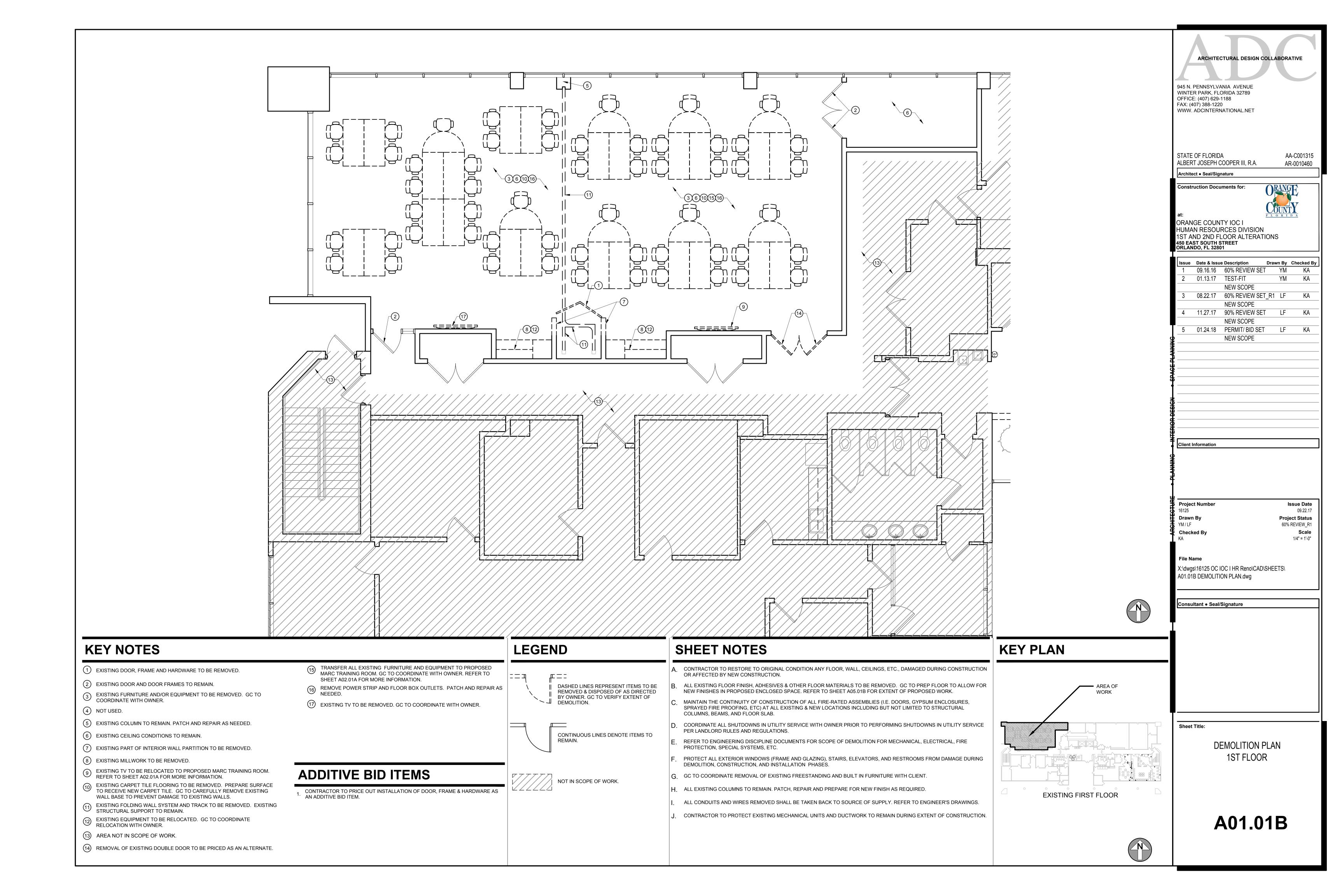


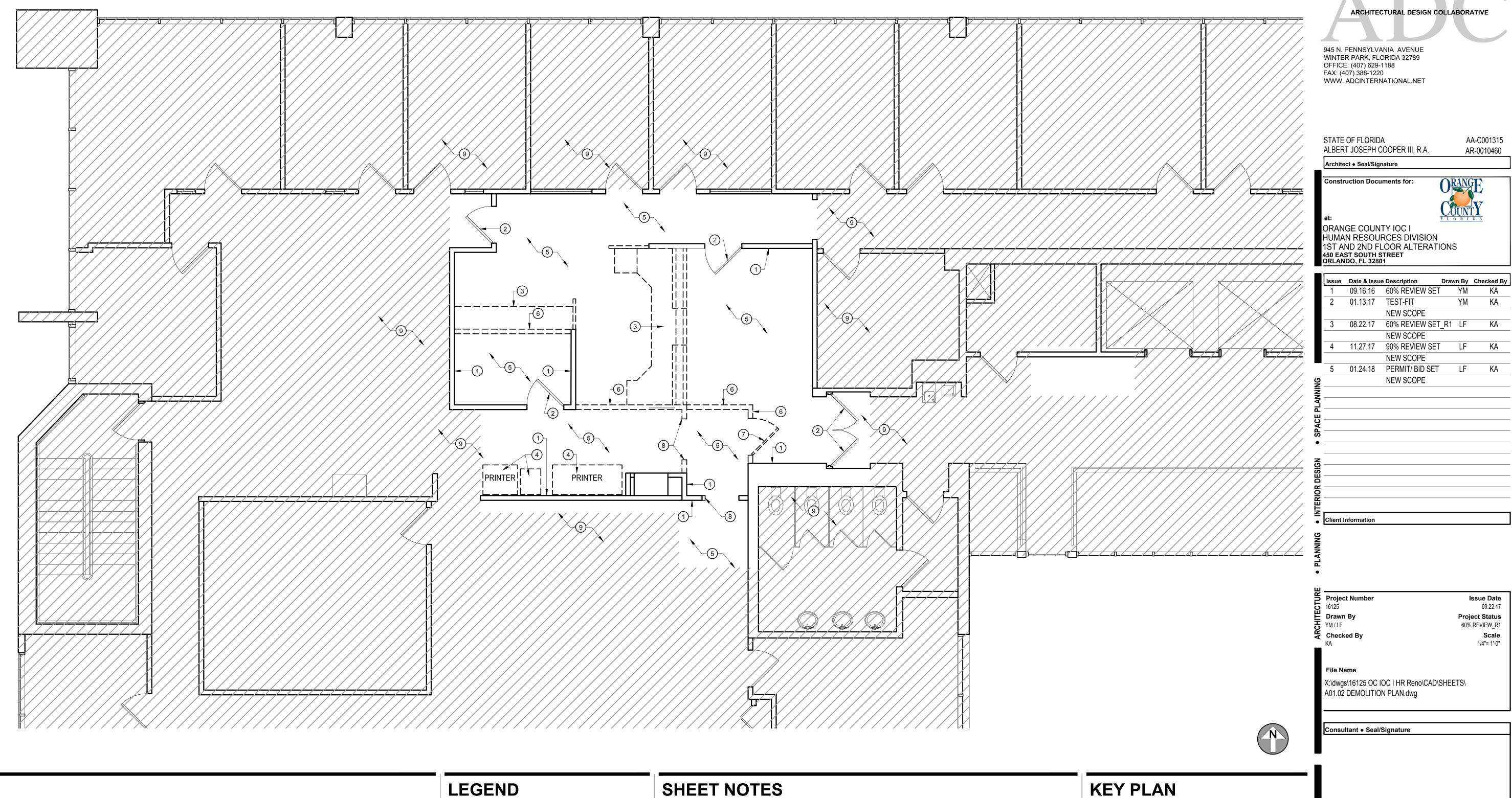
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YM KA 08.22.17 60% REVIEW SET R1 LF KA

Issue Date **Project Status** Scale



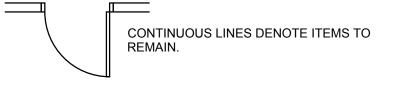




KEY NOTES

- 1 EXISTING WALL PARTITION TO REMAIN. PATCH, REPAIR AND REFINISH WALL AS REQUIRED. REFER TO SHEET A05.02 FOR MORE INFORMATION.
- 2 EXISTING DOOR AND FRAME TO REMAIN.
- 3 EXISTING MILLWORK TO BE REMOVED. GC TO COORDINATE REMOVAL & RELOCATION OF EQUIPMENT AND/OR FURNITURE WITH
- GC TO COORDINATE RELOCATION OF EXISTING EQUIPMENT AND/OR FURNITURE WITH OWNER.
- (5) EXISTING CARPET TILE FLOORING TO REMAIN. PATCH AND REPAIR AS REQUIRED. REFER TO SHEET A02.02 FOR MORE INFORMATION.
- 6 EXISTING INTERIOR WALL PARTITION TO BE REMOVED.
- 7 EXISTING DOOR, HARDWARE, AND FRAME TO BE REMOVED AND SALVAGED. REFER TO SHEET A02.02 FOR NEW LOCATION.
- 8 PORTION OF EXISTING PARTITION WALL TO BE REMOVED. REFER TO CONSTRUCTION PLAN FOR MORE INFORMATION.
- 9 AREA NOT IN SCOPE OF WORK.

|| DASHED LINES REPRESENT ITEMS TO BE | || REMOVED & DISPOSED OF AS DIRECTED BY OWNER. GC TO VERIFY EXTENT OF

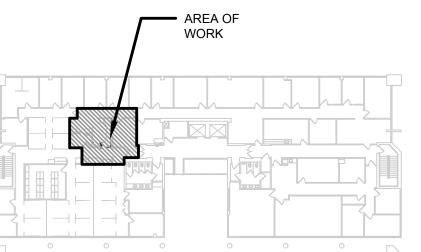


NOT IN SCOPE OF WORK.

- A. CONTRACTOR TO RESTORE TO ORIGINAL CONDITION ANY FLOOR, WALL, CEILINGS, ETC., DAMAGED DURING CONSTRUCTION OR AFFECTED BY NEW CONSTRUCTION.
- B. NOT USED.

PROTECTION, SPECIAL SYSTEMS, ETC.

- C. MAINTAIN THE CONTINUITY OF CONSTRUCTION OF ALL FIRE-RATED ASSEMBLIES (I.E. DOORS, GYPSUM ENCLOSURES, SPRAYED FIRE PROOFING, ETC) AT ALL EXISTING & NEW LOCATIONS INCLUDING BUT NOT LIMITED TO STRUCTURAL COLUMNS, BEAMS, AND FLOOR SLAB.
- D. COORDINATE ALL SHUTDOWNS IN UTILITY SERVICE WITH OWNER PRIOR TO PERFORMING SHUTDOWNS IN UTILITY SERVICE PER LANDLORD RULES AND REGULATIONS.
- REFER TO ENGINEERING DISCIPLINE DOCUMENTS FOR SCOPE OF DEMOLITION FOR MECHANICAL, ELECTRICAL, FIRE
- PROTECT ALL EXTERIOR WINDOWS (FRAME AND GLAZING), STAIRS, ELEVATORS, AND RESTROOMS FROM DAMAGE DURING DEMOLITION, CONSTRUCTION, AND INSTALLATION PHASES.
- G. GC TO COORDINATE REMOVAL OF EXISTING FREESTANDING AND BUILT IN FURNITURE WITH CLIENT.
- H. ALL EXISTING COLUMNS TO REMAIN. PATCH, REPAIR AND PREPARE FOR NEW FINISH AS REQUIRED.
- ALL CONDUITS AND WIRES REMOVED SHALL BE TAKEN BACK TO SOURCE OF SUPPLY. REFER TO ENGINEER'S DRAWINGS.
- J. CONTRACTOR TO PROTECT EXISTING MECHANICAL UNITS AND DUCTWORK TO REMAIN DURING EXTENT OF CONSTRUCTION.



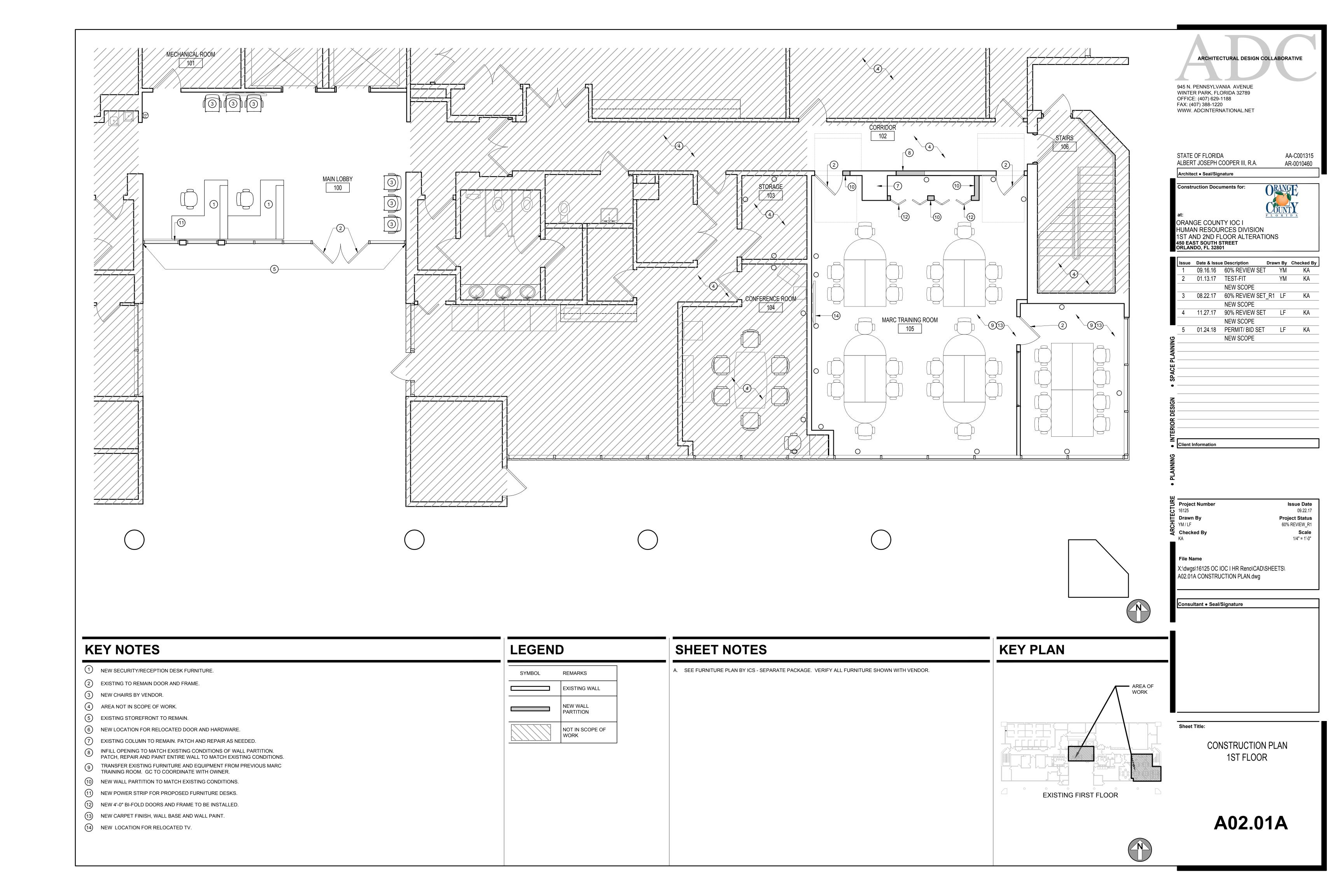
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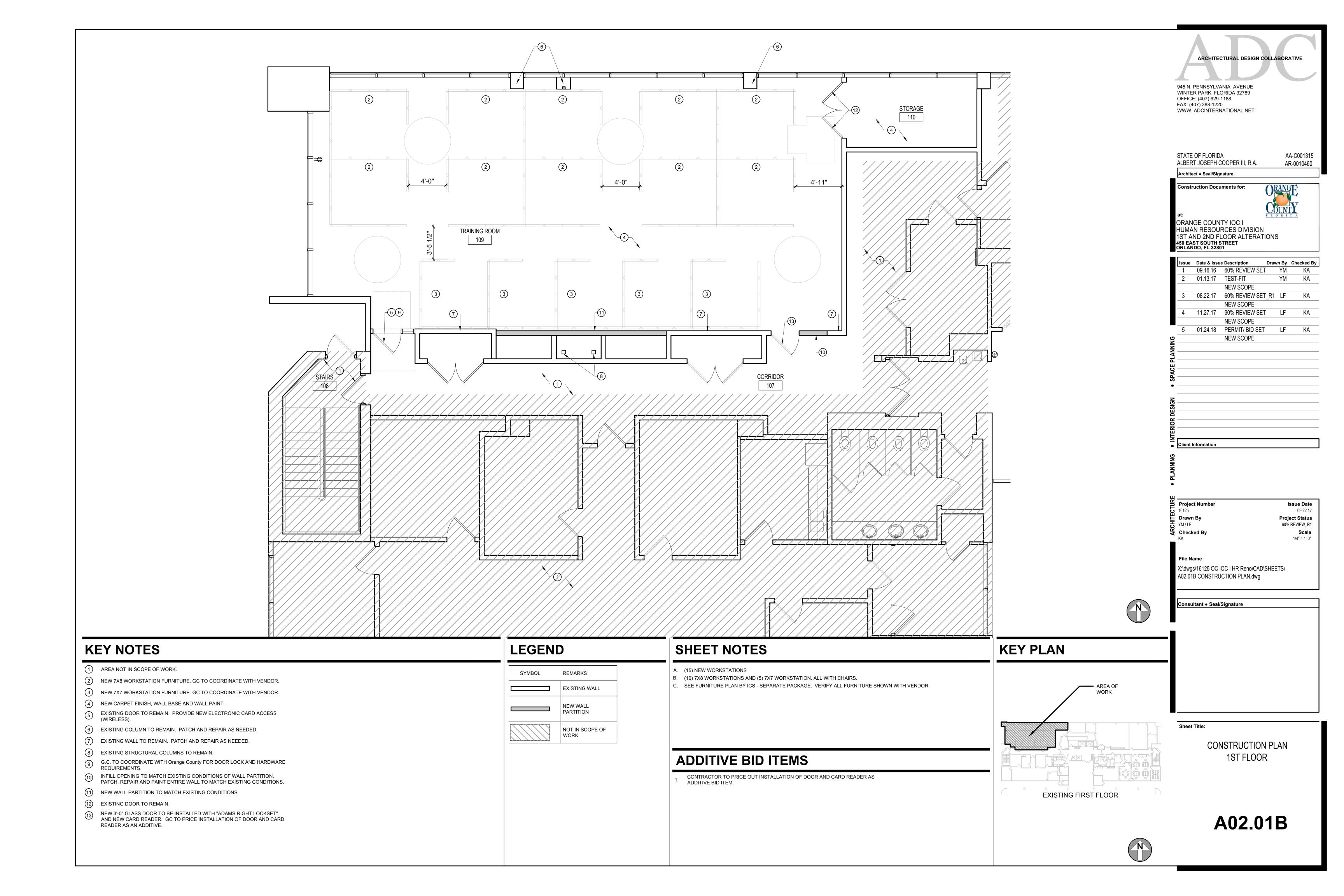
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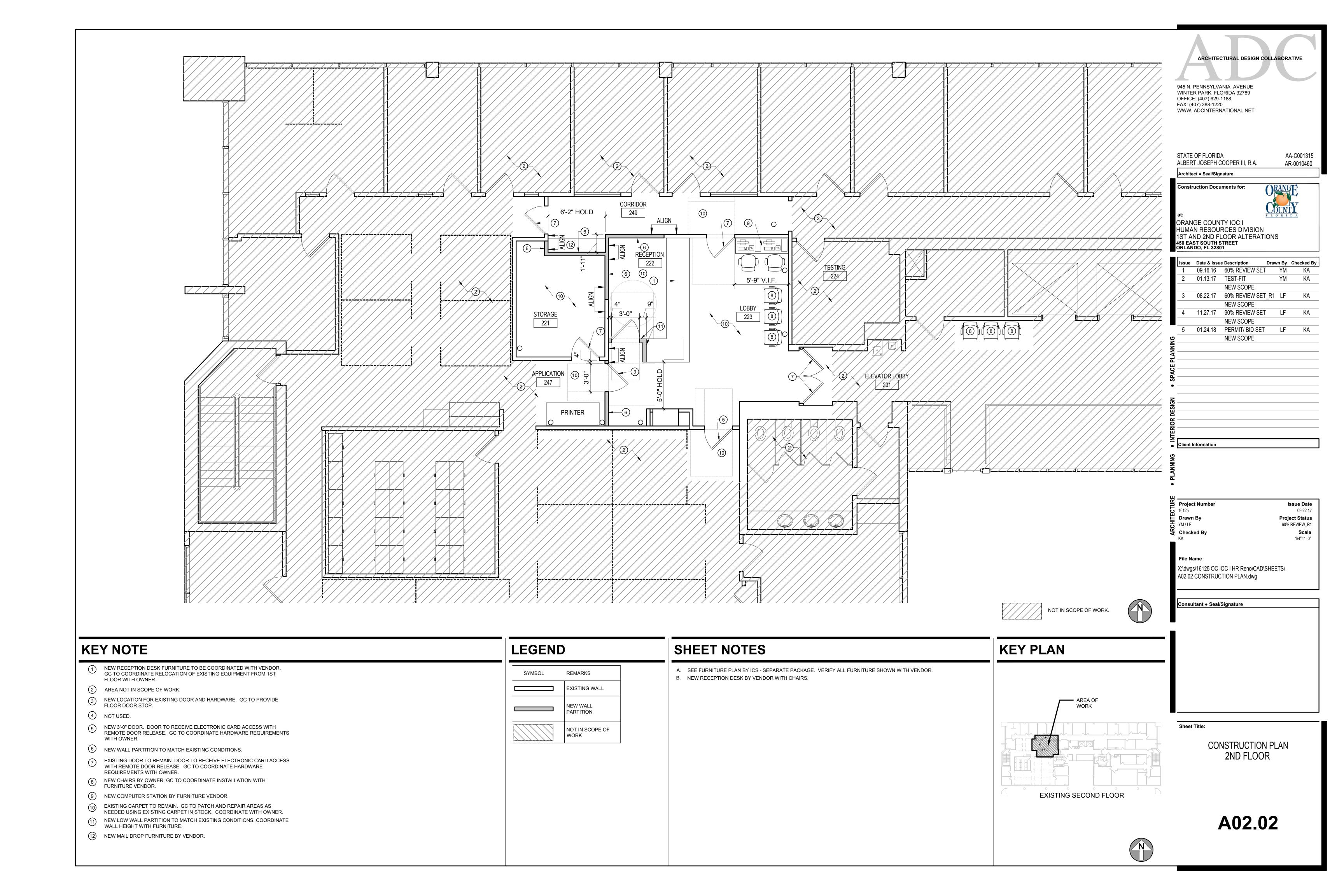


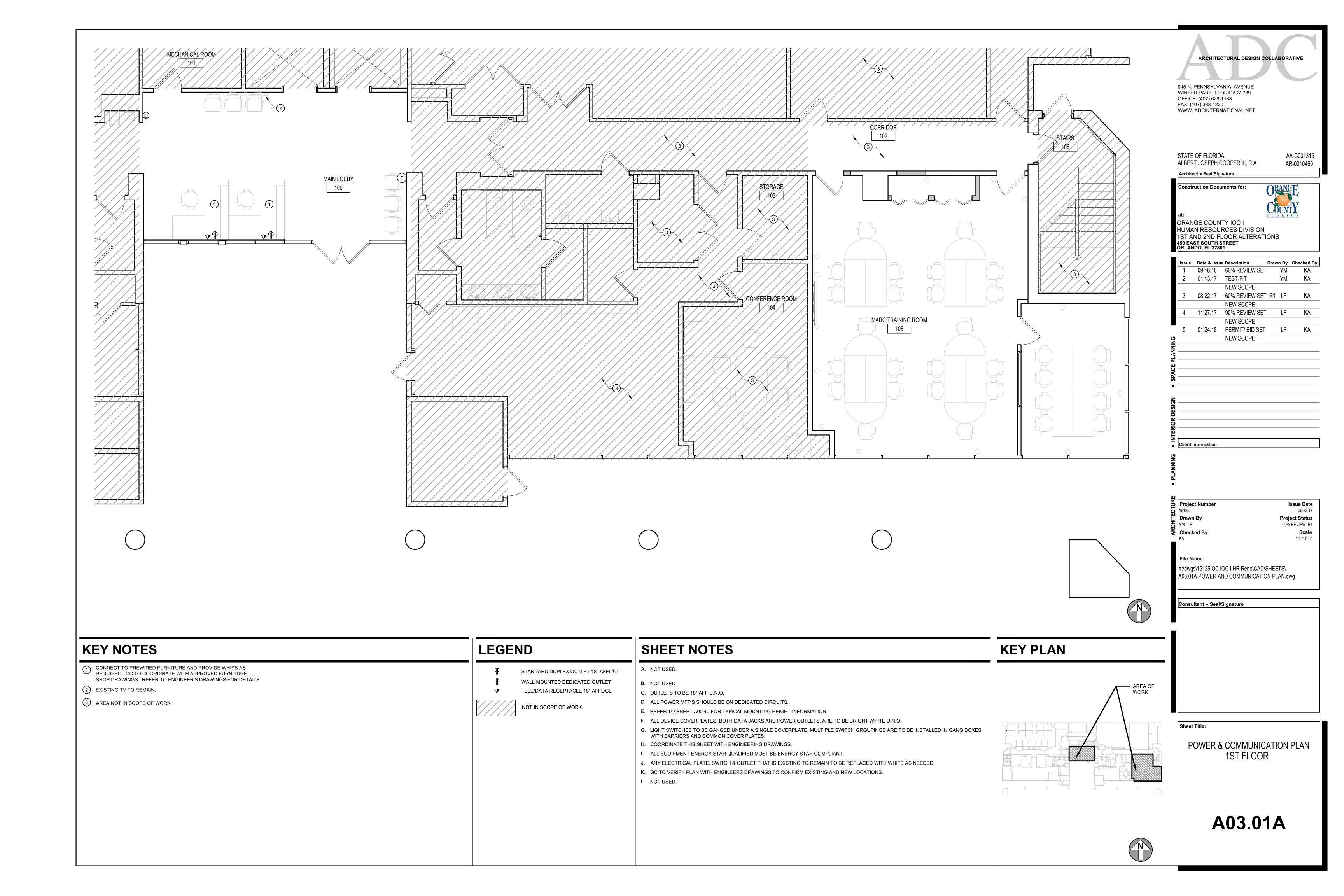
DEMOLITION PLAN 2ND FLOOR

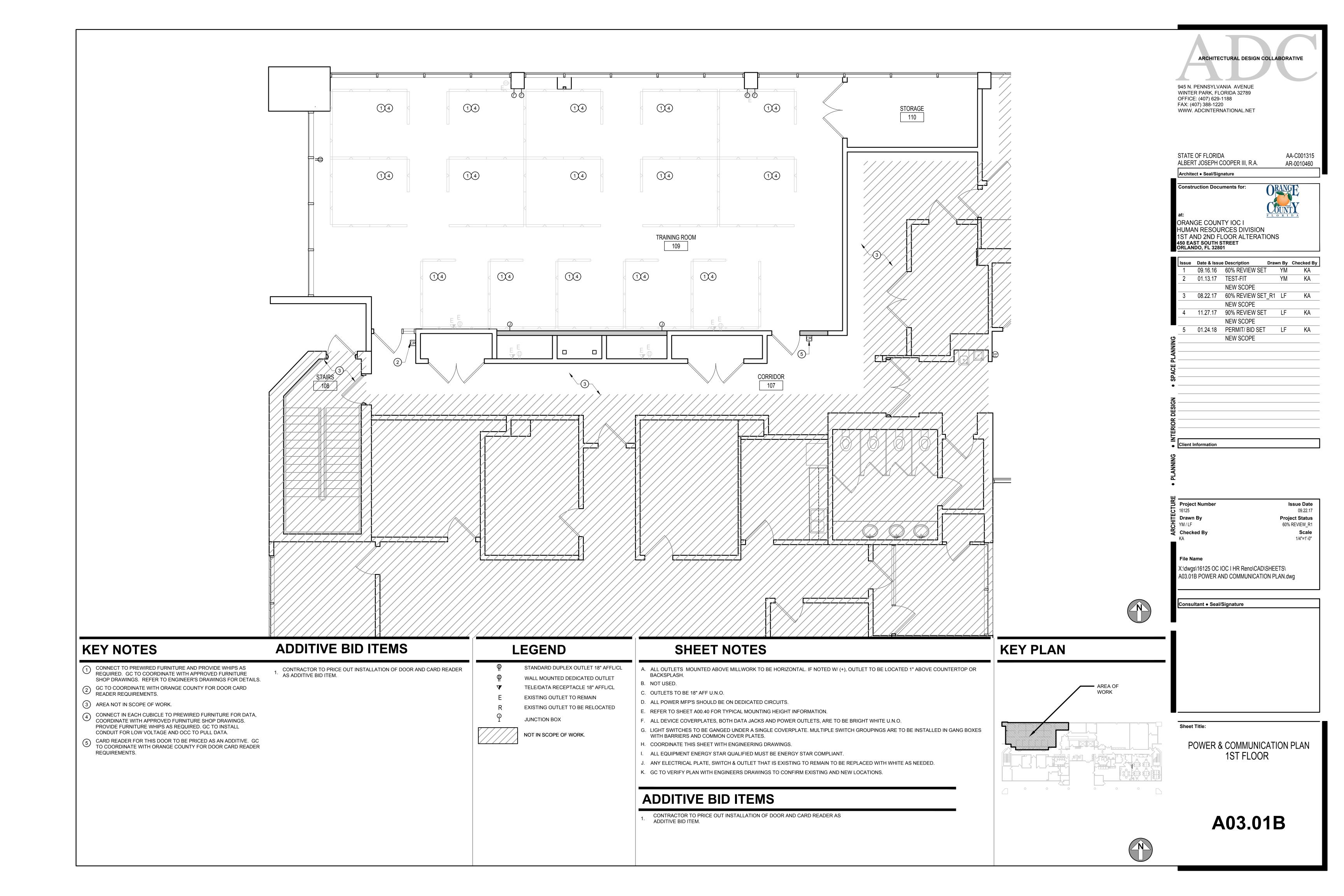
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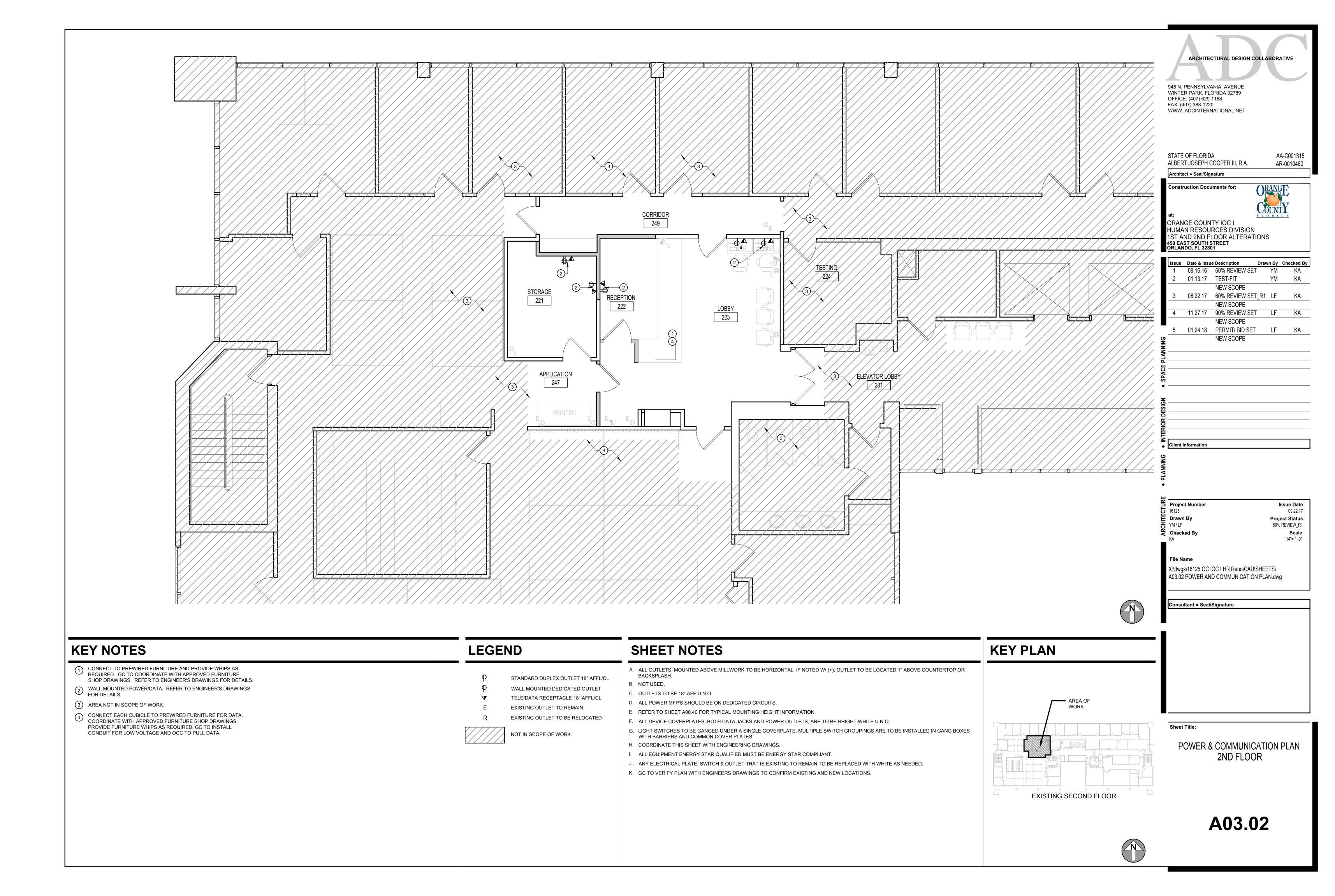


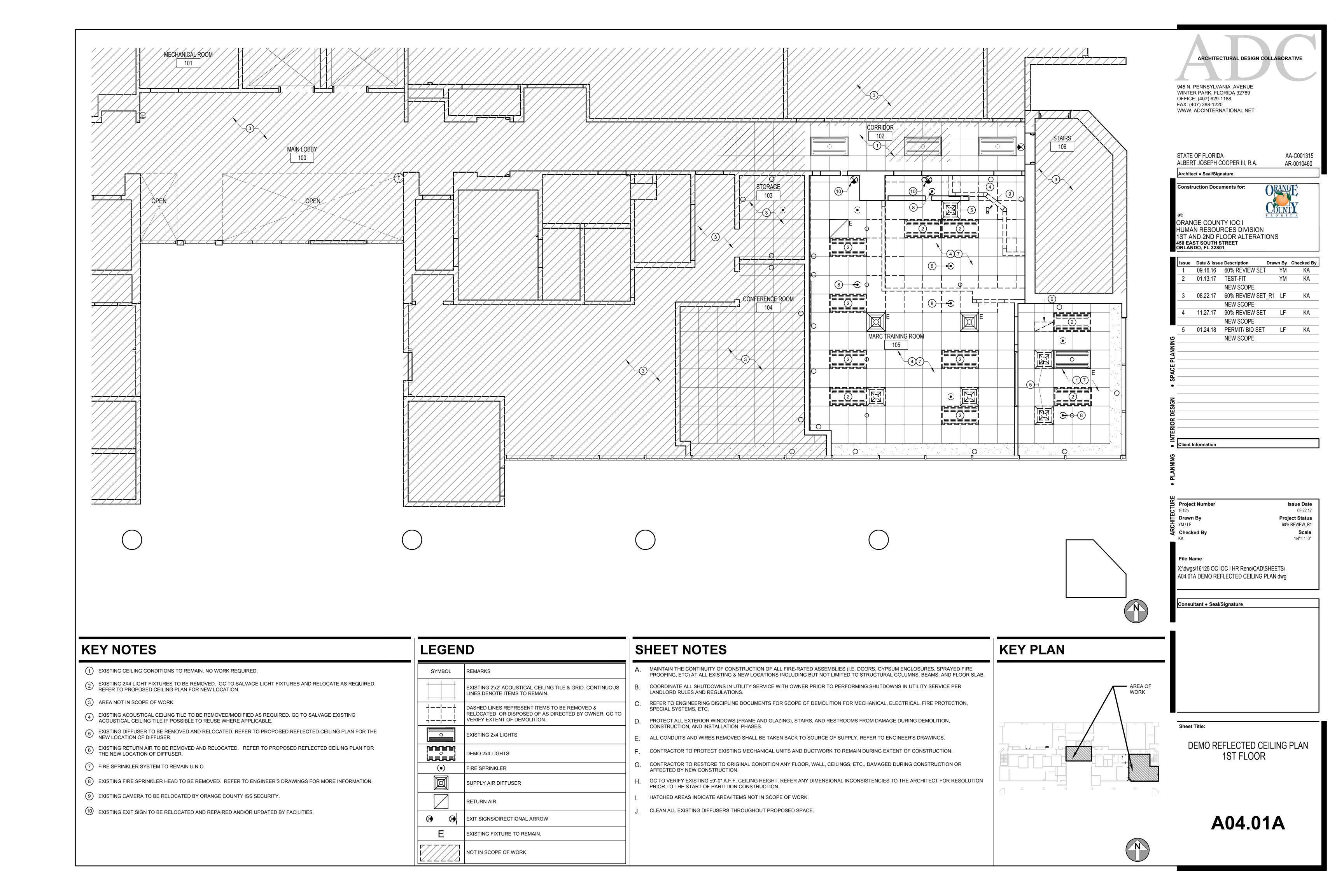


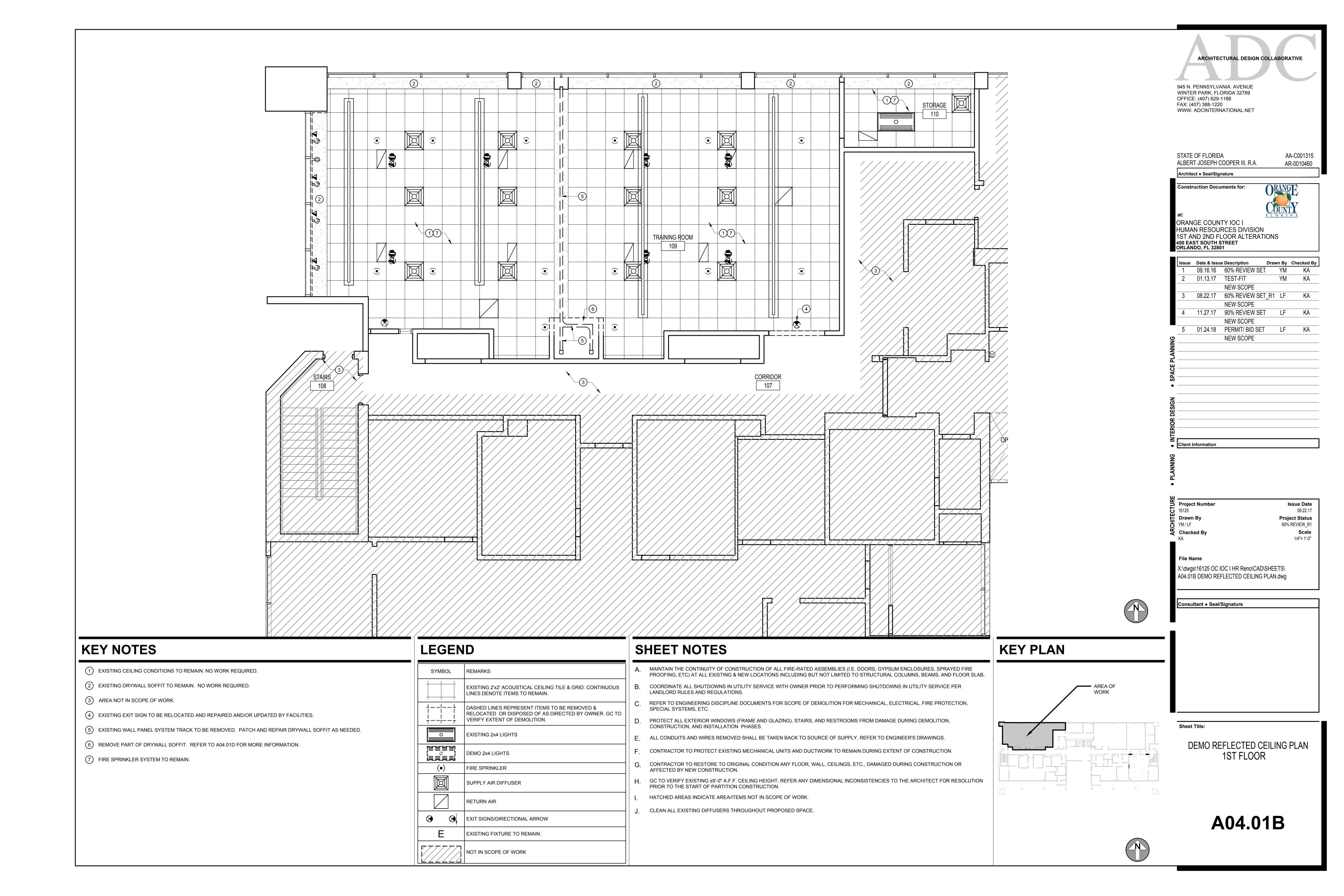


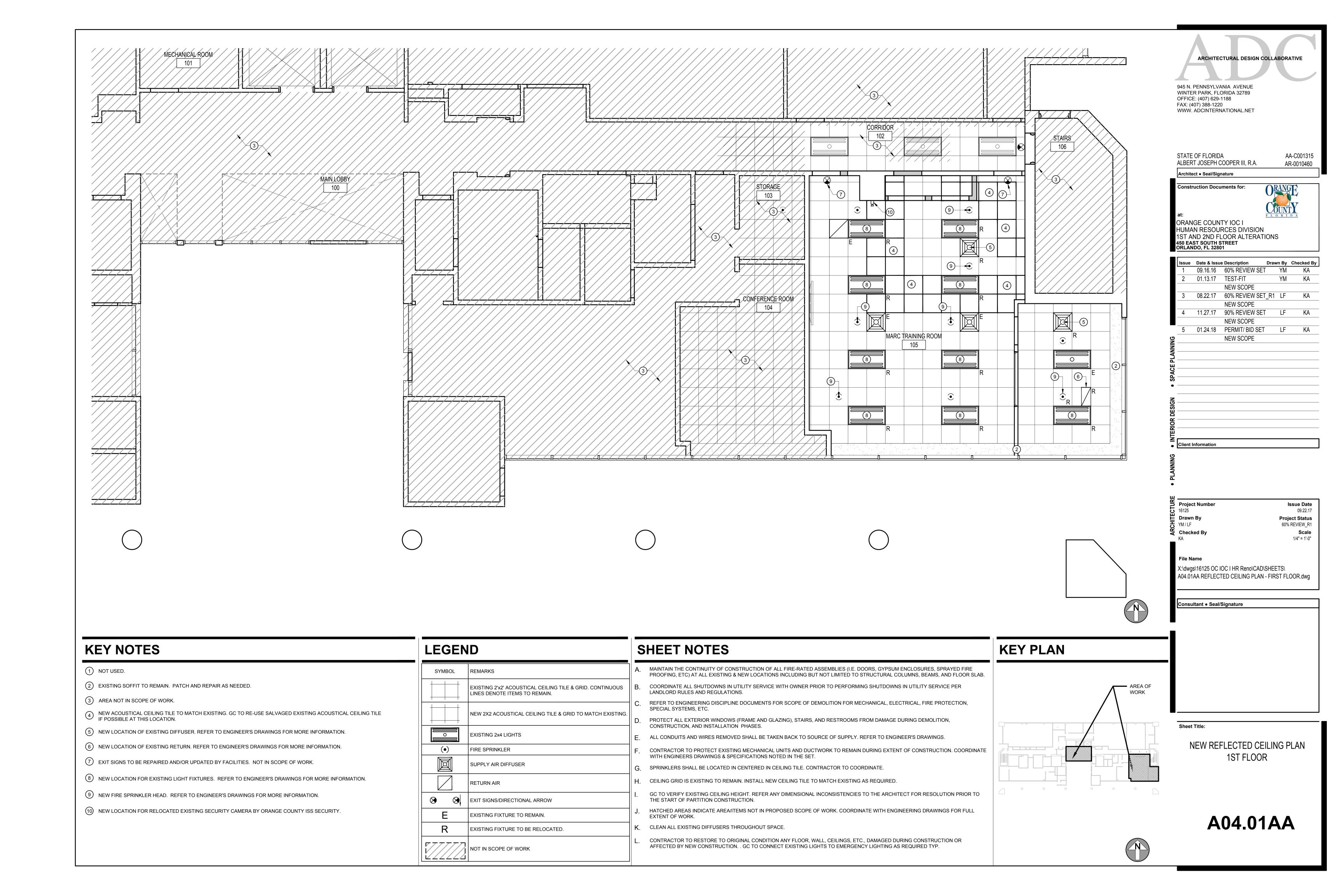


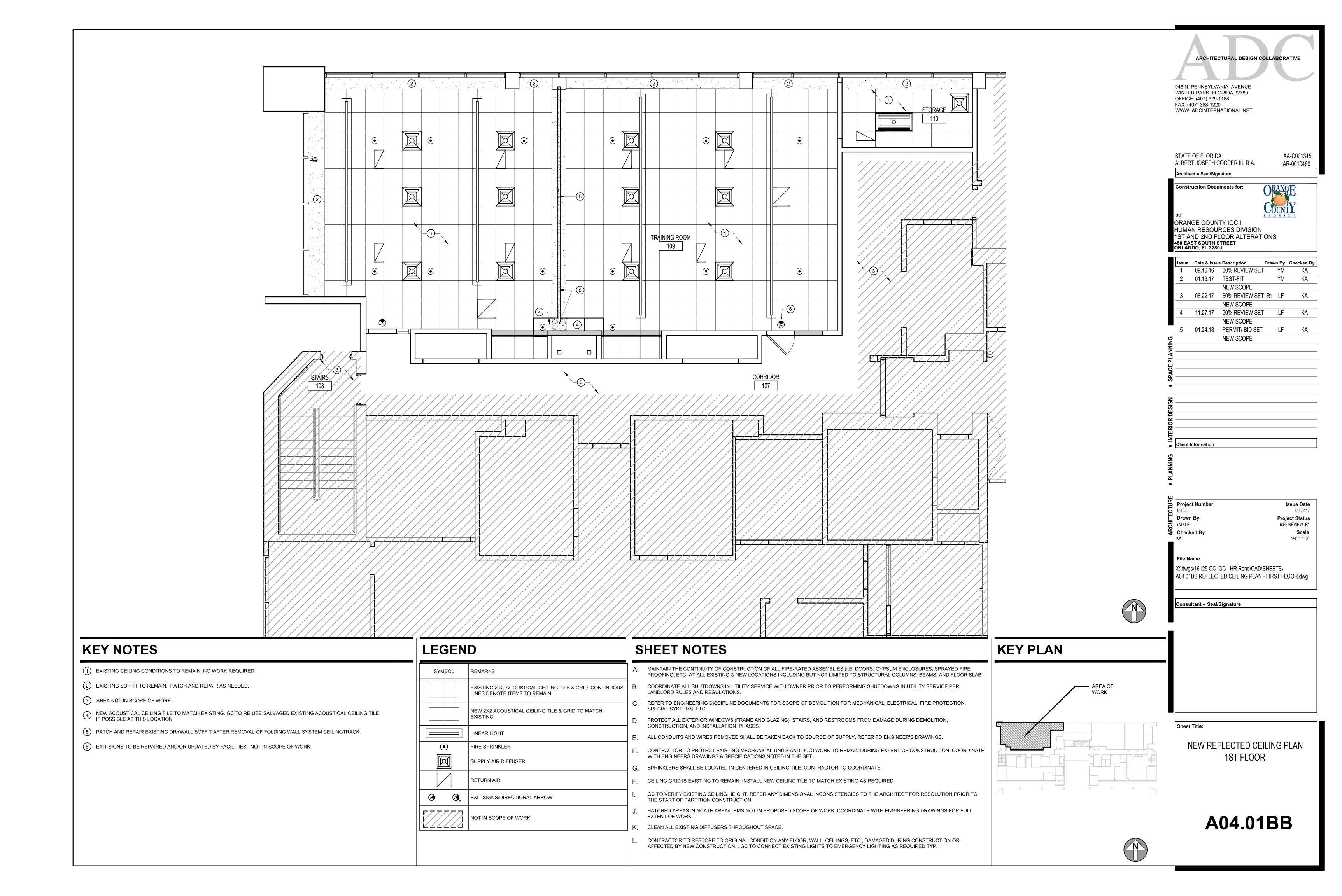


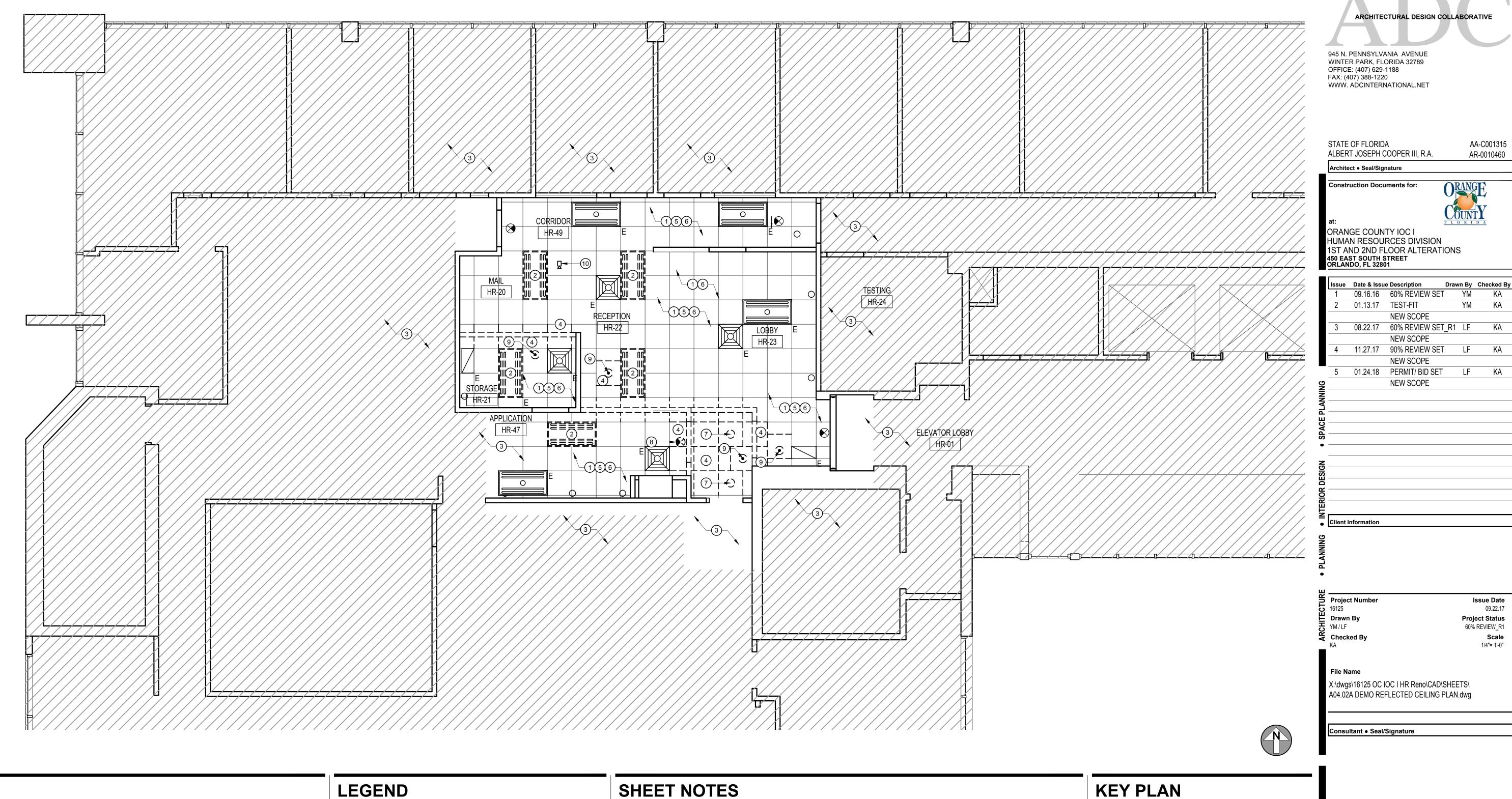








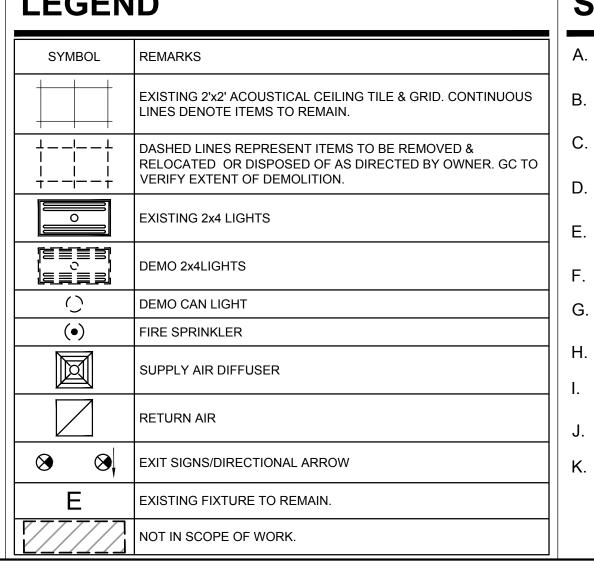




EXISTING CEILING GRID AND CEILING TILE TO REMAIN. PATCH, AND REPAIR ANY CEILING DAMAGE DURING CONSTRUCTION AS REQUIRED. EXISTING 2x4 LIGHT FIXTURE TO BE REMOVED. GC TO SALVAGE LIGHT FIXTURES AND RELOCATE AS REQUIRED. REFER TO PROPOSED REFLECTED CEILING PLAN FOR THE NEW LOCATION OF THE FLUORESCENT LIGHT FIXTURES. AREA NOT IN SCOPE OF WORK. EXISTING ACOUSTICAL CEILING TILE TO BE REMOVED/MODIFIED AS REQUIRED. GC TO SALVAGE EXISTING ACOUSTICAL CEILING TILE IF POSSIBLE TO REUSE WHERE APPLICABLE. EXISTING DIFFUSERS TO REMAIN. FIRE SPRINKLER SYSTEM TO REMAIN. EXISTING CAN LIGHTS TO BE REMOVED.

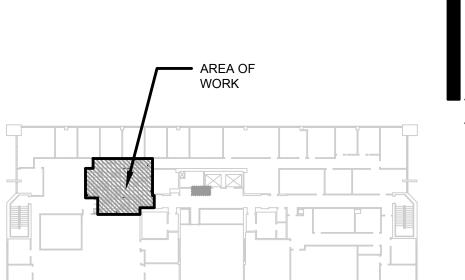
KEY NOTES

8 EXISTING EXIT SIGN TO BE REMOVED.
 9 EXISTING FIRE SPRINKLER HEAD TO BE REMOVED. REFER TO ENGINEER'S DRAWINGS FOR MORE INFORMATION.
 10 EXISTING CAMERA TO BE RELOCATED BY ORANGE COUNTY ISS SECURITY.



A. MAINTAIN THE CONTINUITY OF CONSTRUCTION OF ALL FIRE-RATED ASSEMBLIES (I.E. DOORS, GYPSUM ENCLOSURES, SPRAYED FIRE PROOFING, ETC) AT ALL EXISTING & NEW LOCATIONS INCLUDING BUT NOT LIMITED TO STRUCTURAL COLUMNS, BEAMS, AND FLOOR SLAB.

- B. COORDINATE ALL SHUTDOWNS IN UTILITY SERVICE WITH OWNER PRIOR TO PERFORMING SHUTDOWNS IN UTILITY SERVICE PER LANDLORD RULES AND REGULATIONS.
- C. REFER TO ENGINEERING DISCIPLINE DOCUMENTS FOR SCOPE OF DEMOLITION FOR MECHANICAL, ELECTRICAL, FIRE PROTECTION, SPECIAL SYSTEMS, ETC.
- D. PROTECT ALL EXTERIOR WINDOWS (FRAME AND GLAZING), STAIRS, AND RESTROOMS FROM DAMAGE DURING DEMOLITION, CONSTRUCTION, AND INSTALLATION PHASES.
- E. ALL CONDUITS AND WIRES REMOVED SHALL BE TAKEN BACK TO SOURCE OF SUPPLY. REFER TO ENGINEER'S DRAWINGS.
- F. CONTRACTOR TO PROTECT EXISTING MECHANICAL UNITS AND DUCTWORK TO REMAIN DURING EXTENT OF CONSTRUCTION.
- G. CONTRACTOR TO RESTORE TO ORIGINAL CONDITION ANY FLOOR, WALL, CEILINGS, ETC., DAMAGED DURING CONSTRUCTION OR AFFECTED BY NEW CONSTRUCTION.
- H. CEILING GRID IS EXISTING TO REMAIN. INSTALL NEW CEILING TILE TO MATCH EXISTING AS REQUIRED.
- J. GC TO VERIFY EXISTING 8'-8" A.F.F. CEILING HEIGHT. REFER ANY DIMENSIONAL INCONSISTENCIES TO THE ARCHITECT FOR RESOLUTION PRIOR TO THE START OF PARTITION CONSTRUCTION.
- , J HATCHED AREAS INDICATE AREA/ITEMS NOT IN SCOPE OF WORK.
- K. CLEAN ALL EXISTING DIFFUSERS THROUGHOUT PROPOSED SPACE.



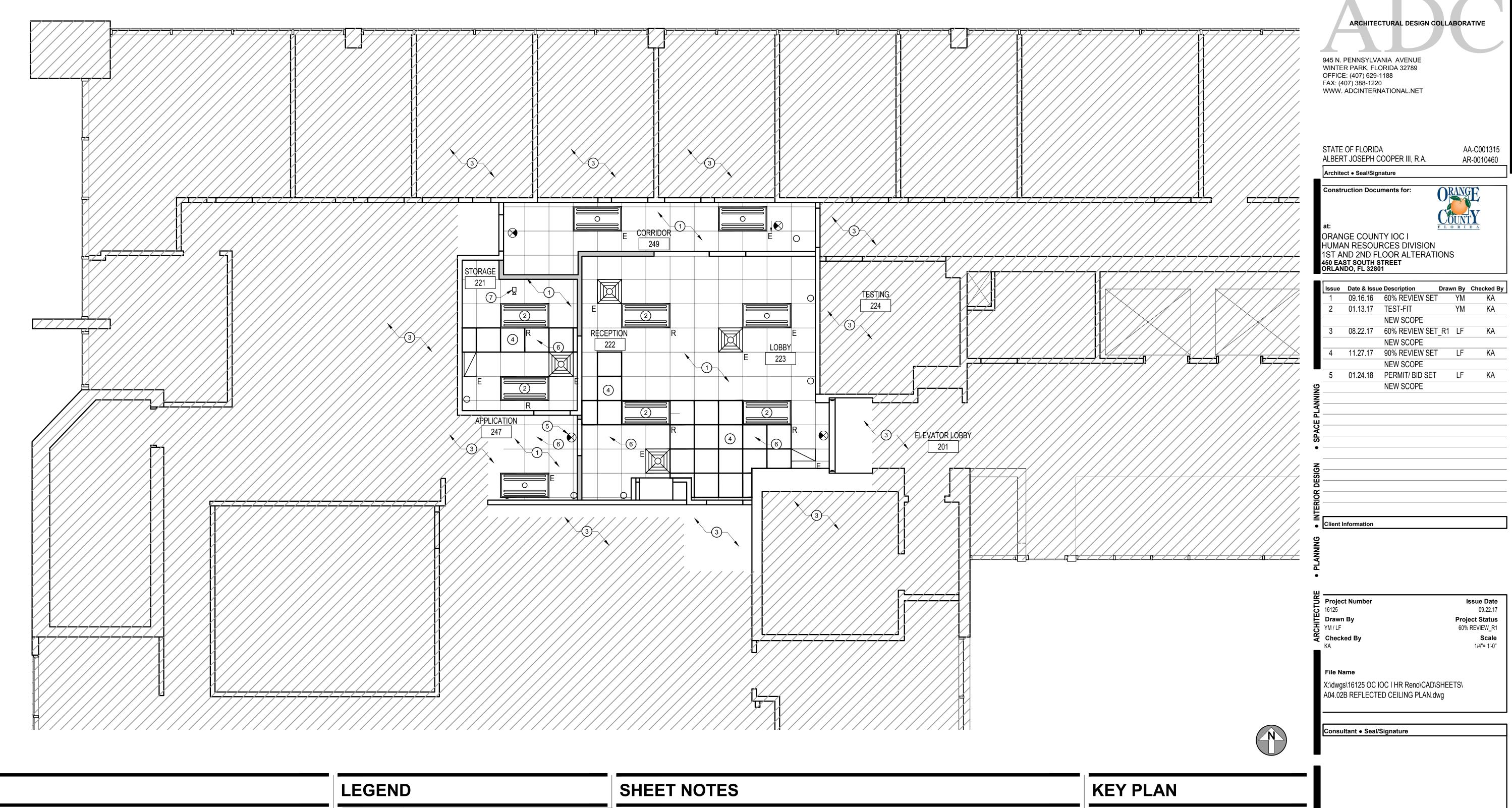
EXISTING SECOND FLOOR

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DEMO REFLECTED CEILING PLAN 2ND FLOOR

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KEY NOTES EXISTING CEILING GRID AND CEILING TILE TO REMAIN. PATCH, PAINT AND REPAIR ANY CEILING DAMAGE DURING CONSTRUCTION AS REQUIRED.

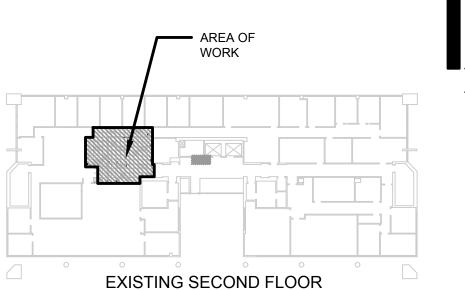
- 2 NEW LOCATION OF EXISTING LIGHT FIXTURE. REFER TO ENGINEER'S DRAWINGS FOR MORE INFORMATION.
- 3 AREA NOT IN SCOPE OF WORK.
- NEW ACOUSTICAL CEILING TILE TO MATCH EXISTING. GC TO RE-USE SALVAGED EXISTING ACOUSTICAL CEILING TILE IF POSSIBLE AT THIS LOCATION.
- 5 EXIT SIGNS TO BE REPAIRED AND/OR UPDATED BY FACILITIES. NOT IN SCOPE OF WORK.
- 6 NEW FIRE SPRINKLER HEADS. REFER TO ENGINEER'S DRAWINGS FOR MORE INFORMATION.
- 7 NEW LOCATION FOR RELOCATED EXISTING SECURITY CAMERA BY ORANGE COUNTY ISS SECURITY.

SYMBOL REMARKS EXISTING 2'x2' ACOUSTICAL CEILING TILE & GRID. CONTINUOUS LINES DENOTE ITEMS TO REMAIN. NEW 2X2 ACOUSTICAL CEILING TILE & GRID TO MATCH EXISTING. EXISTING 2x4 LIGHTS (ullet)FIRE SPRINKLER SUPPLY AIR DIFFUSER RETURN AIR EXIT SIGNS/DIRECTIONAL ARROW EXISTING FIXTURE TO REMAIN. EXISTING FIXTURE TO BE RELOCATED. NOT IN SCOPE OF WORK

MAINTAIN THE CONTINUITY OF CONSTRUCTION OF ALL FIRE-RATED ASSEMBLIES (I.E. DOORS, GYPSUM ENCLOSURES, SPRAYED FIRE PROOFING, ETC) AT ALL EXISTING & NEW LOCATIONS INCLUDING BUT NOT LIMITED TO STRUCTURAL COLUMNS, BEAMS, AND FLOOR SLAB.

- COORDINATE ALL SHUTDOWNS IN UTILITY SERVICE WITH OWNER PRIOR TO PERFORMING SHUTDOWNS IN UTILITY SERVICE PER LANDLORD RULES AND REGULATIONS.
- REFER TO ENGINEERING DISCIPLINE DOCUMENTS FOR SCOPE OF DEMOLITION FOR MECHANICAL, ELECTRICAL, FIRE PROTECTION,
- SPECIAL SYSTEMS, ETC.
- PROTECT ALL EXTERIOR WINDOWS (FRAME AND GLAZING), STAIRS, AND RESTROOMS FROM DAMAGE DURING DEMOLITION, CONSTRUCTION, AND INSTALLATION PHASES.
- ALL CONDUITS AND WIRES REMOVED SHALL BE TAKEN BACK TO SOURCE OF SUPPLY. REFER TO ENGINEER'S DRAWINGS.
- CONTRACTOR TO PROTECT EXISTING MECHANICAL UNITS AND DUCTWORK TO REMAIN DURING EXTENT OF CONSTRUCTION. COORDINATE WITH ENGINEERS DRAWINGS & SPECIFICATIONS NOTED IN THE SET.
- G. SPRINKLERS SHALL BE LOCATED IN CENTERED IN CEILING TILE. CONTRACTOR TO COORDINATE.
- H. CEILING GRID IS EXISTING TO REMAIN. INSTALL NEW CEILING TILE TO MATCH EXISTING AS REQUIRED.
- GC TO VERIFY EXISTING CEILING HEIGHT. REFER ANY DIMENSIONAL INCONSISTENCIES TO THE ARCHITECT FOR RESOLUTION PRIOR TO THE START OF PARTITION CONSTRUCTION.
- HATCHED AREAS INDICATE AREA/ITEMS NOT IN PROPOSED SCOPE OF WORK. COORDINATE WITH ENGINEERING DRAWINGS FOR FULL EXTENT OF WORK.
- K. CLEAN ALL EXISTING DIFFUSERS THROUGHOUT SPACE.
- CONTRACTOR TO RESTORE TO ORIGINAL CONDITION ANY FLOOR, WALL, CEILINGS, ETC., DAMAGED DURING CONSTRUCTION OR AFFECTED BY NEW CONSTRUCTION. . GC TO CONNECT EXISTING LIGHTS TO EMERGENCY LIGHTING AS REQUIRED TYP.



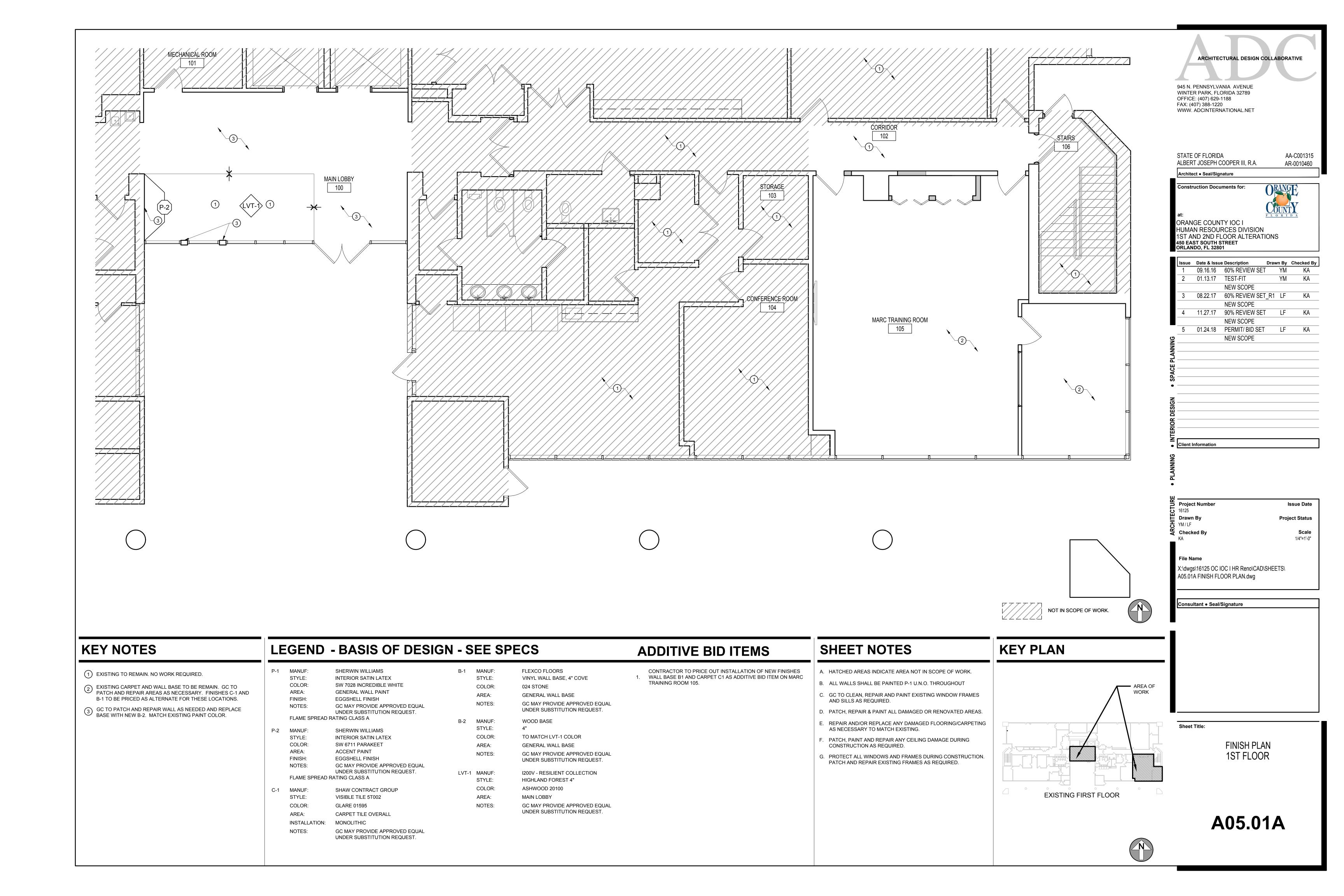


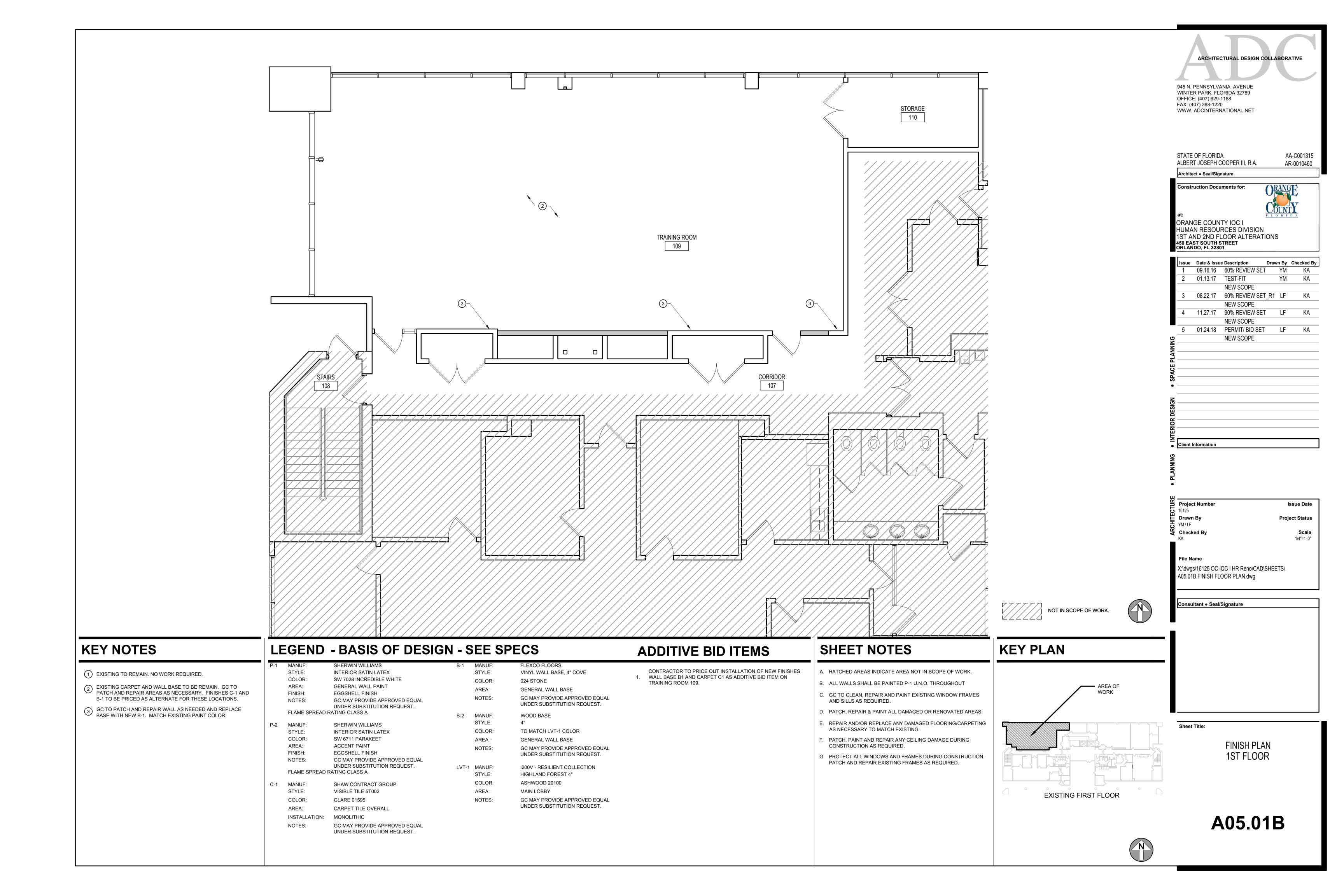
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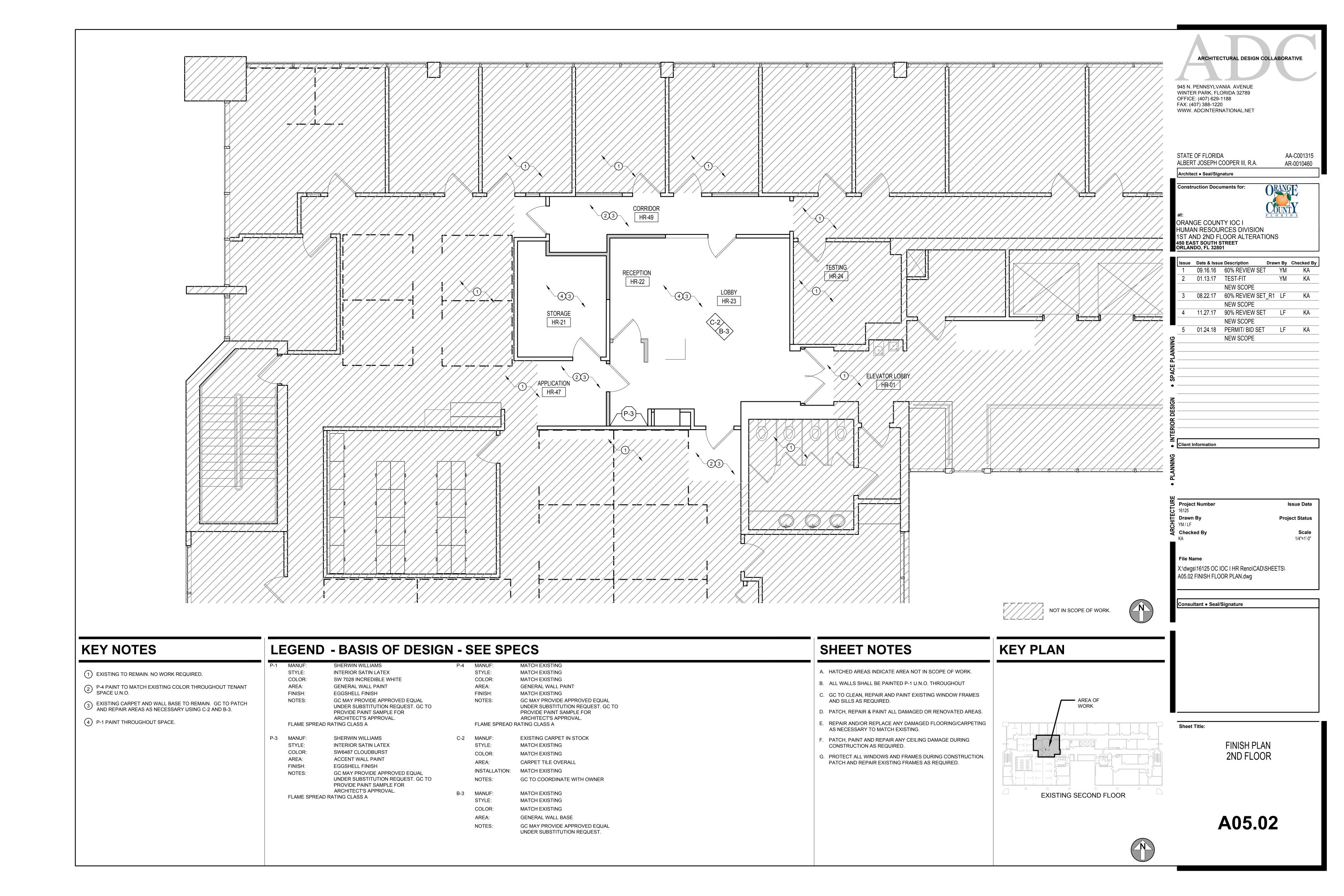
NEW REFLECTED CEILING PLAN 2ND FLOOR

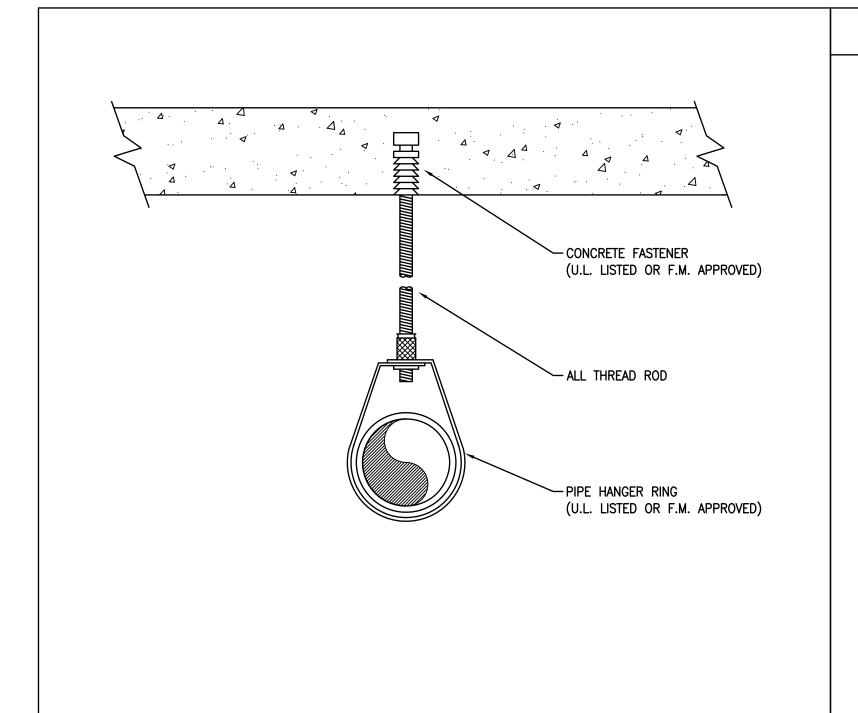
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FIRE PROTECTION LEGEND

SYMBOL	DESCRIPTION
	SPRINKLER BRANCH PIPING
	FEED-MAIN PIPING
8	MAIN BUILDING SPRINKLER RISER LOCATION
∽	SPRINKLER PIPING UP
-	SPRINKLER PIPING DOWN
	VICTAULIC TESTMASTER II #720 TEST AND DRAIN VALVE
⊘ H1>	ORDINARY HAZARD GROUP 1 OCCUPANCY
⊘ H2>	ORDINARY HAZARD GROUP 2 OCCUPANCY
XX	REFERENCE KEY NOTE
5	CONTINUATION
K,	ROOF MANIFOLD WITH (2) 2½" HOSE VALVE CONNECTIONS WITH 1½" REDUCERS.
Й	CHECK VALVE
⊗ ⊗	DRY-VALVE OR DELUGE VALVE LOCATION
Å	CONTROL VALVE W/TAMPER SWITCH
٩	PRESSURE GAUGE

FLOW SWITCH

CONNECT NEW TO EXISTING

POINT OF DEMOLITION

FIRE PROTECTION DATA

ALL AREAS EXCEPT WHERE NOTED OTHERWISE: OCCUPANCY CLASSIFICATION: SYSTEM TYPE: DESIGN DENSITY:

WET PIPE .10 GPM/SQ. FT. 1,500 SQ. FT. 1/2" HYDRAULIC REMOTE AREA: SPRINKLER ORIFICE SIZE: DURATION OF SUPPLY: 30 MIN. 225 SQ. FT. MAXIMUM COVERAGE/SPRINKLER HEAD: HOSE STREAM ALLOWANCE: 100 GPM

DESIGN CRITERIA:

THE FOLLOWING PUBLICATIONS SHALL BE USED AS A REFERENCE FOR DESIGN OF THE FIRE SUPPRESSION SYSTEM ON THIS PROJECT.

LIGHT HAZARD

1. (2013 ED.) NFPA 13, INSTALLATION OF SPRINKLER SYSTEMS 2. FLORIDA FÍRE PREVENTION CODE, 6th EDITION

WATER SUPPLY NOTES:

1. THE SPRINKLER CONTRACTOR SHALL CONFIRM THAT THE EXISTING WATER SUPPLY HAS NO REPORTED CASES OF M.I.C. AND THE WATER SYSTEM IS TREATED WITH A CORROSION INHIBITOR. **GENERAL NOTES:**

THE INSTALLATION OF THE FIRE PROTECTION SYSTEMS SHALL COMPLY WITH THE ABOVE REFERENCED NFPA STANDARDS, ALL STATE AND LOCAL CODES AND ORDINANCES.

- 2. FINAL SYSTEM ACCEPTANCE AND APPROVAL SHALL BE CONDUCTED BY THE LOCAL AUTHORITY HAVING JURISDICTION (AHJ) AND THE ARCHITECT/ENGINEER.
- CONTRACTOR'S SPRINKLER SYSTEM LAYOUT (SHOP DRAWINGS), HYDRAULIC CALCULATIONS, AND MATERIAL DATA SHALL BE SUBMITTED TO THE ARCHITECT/ENGINEER AND THE LOCAL AUTHORITY HAVING JURISDICTION FOR APPROVAL PRIOR TO SYSTEM INSTALLATION.
- 4. THE FIRE PROTECTION SYSTEMS SHOWN REPRESENT THE DESIGN INTENT OF THE ENGINEER OF RECORD, IN ACCORDANCE WITH STATE REGULATION 61G15-32. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE INSTALLATION WITH ALL OTHER TRADES. THE CONTRACTOR SHALL PROVIDE COMPLETE SPRINKLER SYSTEM LAYOUT DRAWINGS WITH ANY ADDITIONAL OFFSETS, SPRINKLERS, AND/OR SYSTEM COMPONENTS, AS REQUIRED, FOR A COMPLETE AND OPERABLE SYSTEM AND TO AVOID CONFLICTS WITH OTHER TRADES.
- 5. SEE ARCHITECTURAL REFLECTED CEILING PLANS FOR CEILING TYPES, HEIGHTS, AND ALL ASSOCIATED DATA. PROVIDE FIRE STOP ASSEMBLIES FOR ALL PENETRATIONS OF SMOKE/FIRE WALLS, CEILINGS, AND FLOORS. FIRE STOP ASSEMBLIES SHALL MEET ASTM E-814. SEE FIRE RATED PIPE PENETRATION DETAILS.
- ALL DRAIN AND DRY PIPE SYSTEM PIPING AND FITTINGS SHALL BE GALVANIZED BOTH INSIDE AND OUTSIDE.
- 8. INSTALL ADDITIONAL SPRINKLERS UNDER ALL EXPOSED DUCTWORK OR OBSTRUCTIONS OR COMBINATIONS OF OBSTRUCTIONS EXCEEDING 48" IN WIDTH. PROVIDE ADDITIONAL SPRINKLERS AS REQUIRED FOR PROPER COVERAGE OF OBSTRUCTIONS IN ACCORDANCE WITH NFPA 13.
- 9. ALL SPRINKLER HEADS INSTALLED WITHIN MECHANICAL ROOMS, STORAGE ROOMS, JANITORS CLOSETS OR AREAS SUBJECT TO MECHANICAL INJURY SHALL BE PROTECTED WITH LISTED GUARDS.
- 10. COORDINATE PIPE ROUTING WITH DUCT ROUTING, EQUIPMENT LOCATIONS, ELECTRICAL INSTALLATIONS, AND BUILDING STRUCTURAL MEMBERS. DO NOT ROUTE PIPING OVER ELECTRICAL PANELS. PIPING ROUTED OVER ELECTRICAL PANELS SHALL BE REROUTED AT NO ADDITIONAL COST.
- 11. PROVIDE TAMPER SWITCHES ON ALL CONTROL VALVES.
- 12. SLOPE ALL PIPING TO THE SYSTEM MAIN DRAIN AS REQUIRED TO INSURE PROPER DRAINAGE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO INSURE THAT ALL PIPING IS DRAINABLE. ADDITIONAL DRAINS AND PLUGS SHALL BE INSTALLED WHERE REQUIRED TO COMPLY WITH THE ABOVE REFERENCED CODES.
- 13. ALL ROLL GROOVED AND CUT GROOVED COUPLINGS AND FITTINGS SHALL BE PROVIDED BY A <u>SINGLE</u> MANUFACTURER.
- 14. SPRINKLERS SHALL BE CENTERED IN CEILING TILES IN AREAS WITH LAY-IN TILES AND VISUALLY ALIGNED IN AREAS WITH SMOOTH CEILINGS UNLESS SHOWN OTHERWISE.
- 15. THIS BUILDINGS STRUCTURAL SYSTEM HAS BEEN DESIGNED TO SUPPORT THE ADDITIONAL WEIGHT ASSOCIATED WITH THE SPRINKLER SYSTEM.
- 16. THIS PROJECT INVOLVES THE ADDITION AND/OR ALTERATION OF 49 OR LESS SPRINKLERS. AS PERMITTED BY STATE STATUTES 553.79 AND 633.021, A STATE LICENSED SPRINKLER CONTRACTOR SHALL DESIGN THE REQUIRED SPRINKLER DRAWINGS AND HYDRAULIC CALCULATIONS. DRAWINGS AND CALCULATIONS SHALL BE SUBMITTED FOR REVIEW AND APPROVAL BY THE AHJ PRIOR TO INSTALLATION.
- 17. THE SCOPE OF WORK FOR THIS PROJECT IS TO DEMOLISH EXISTING SPRINKLERS AND PIPING IN THE AREAS TO BE RENOVATED, CAP ANY EXISTING PIPING, INSTALL NEW SPRINKLERS AND PIPING IN AREAS TO BE RENOVATED IN ACCORDANCE WITH APPLICABLE CURRENT CODES, REFILL THE SYSTEM, AND TEST THE SYSTEM AS REQUIRED BY NFPA 13. THE INTENT IS TO PROVIDE A COMPLETE WET-PIPE FIRE PROTECTION SYSTEM, MEETING ALL CODE REQUIREMENTS IN ALL RENOVATED AREAS OF THE BUILDING. ALL SPRINKLERS, PIPING, HANGERS, EQUIPMENT, LABOR, AND ASSOCIATED COSTS ARE TO BE INCLUDED IN THIS WORK, UNLESS SPECIFICALLY NOTED OTHERWISE.

1" 90° ELL	1" 90° ELL BRANCH LINE 1x\ REDUCER
1" DROP	CEILING
	CLILING
`	CONCEALED SPRINKLER HEAD

			<u> </u>	FIRE	SPRIN	KLER HEAD	<u>LEGEND</u>		
SYMBOL	ORF	TEMP	RESPONSE	K-FAC	FINISH	MODEL	STYLE	PLATE	MFG.
•	1/2"	155°	QUICK	5.6	CHROME	G4A	CONCEALED	WHITE	RELIABLE
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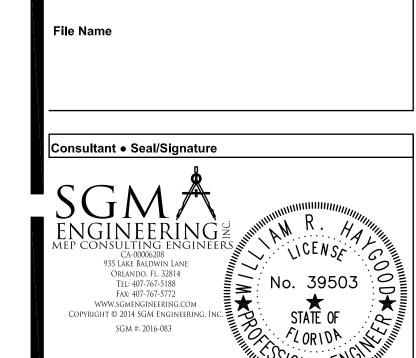
ALL SPRINKLERS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S REQUIREMENTS.

FIRE PROTECTION ABREV	VIATIONS
ABOVE FINISHED FLOOR	AFF
BELOW FINISHED GRADE	BFG
BELOW FINISHED FLOOR	BFF
CONTINUATION	CONT
CONNECTION	CONN
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DOWN	DN
DRAWING	DWG
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NOT TO SCALE	NTS
REDUCED PRESSURE BACKFLOW PREVENTER	RPBP
SQUARE FEET	SF
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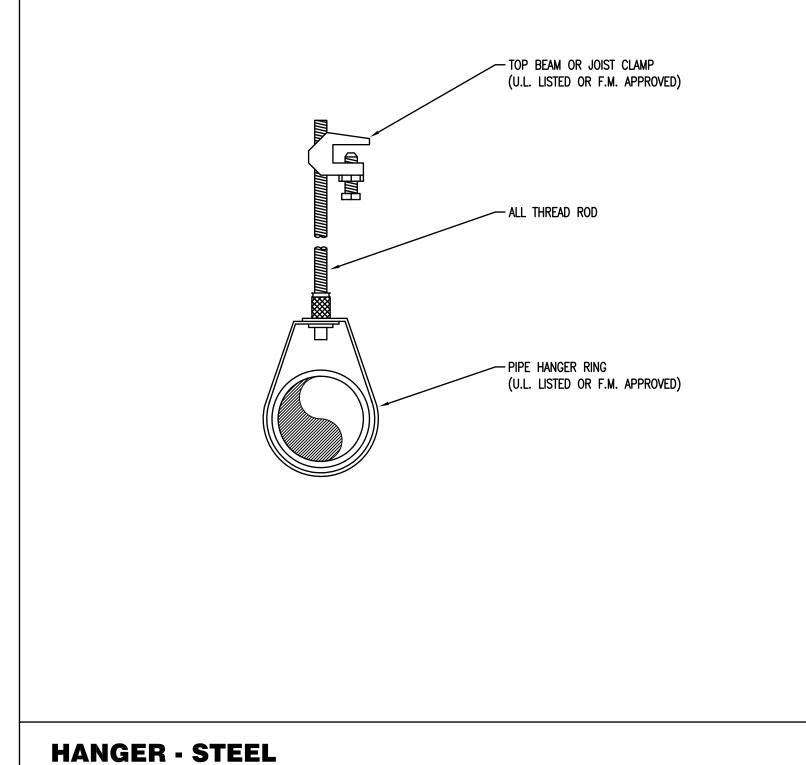
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Fire Protection Symbols Legend and General Notes

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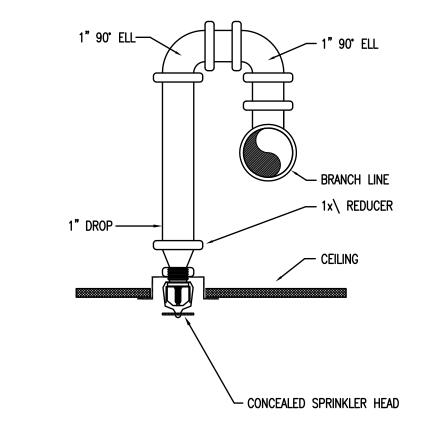
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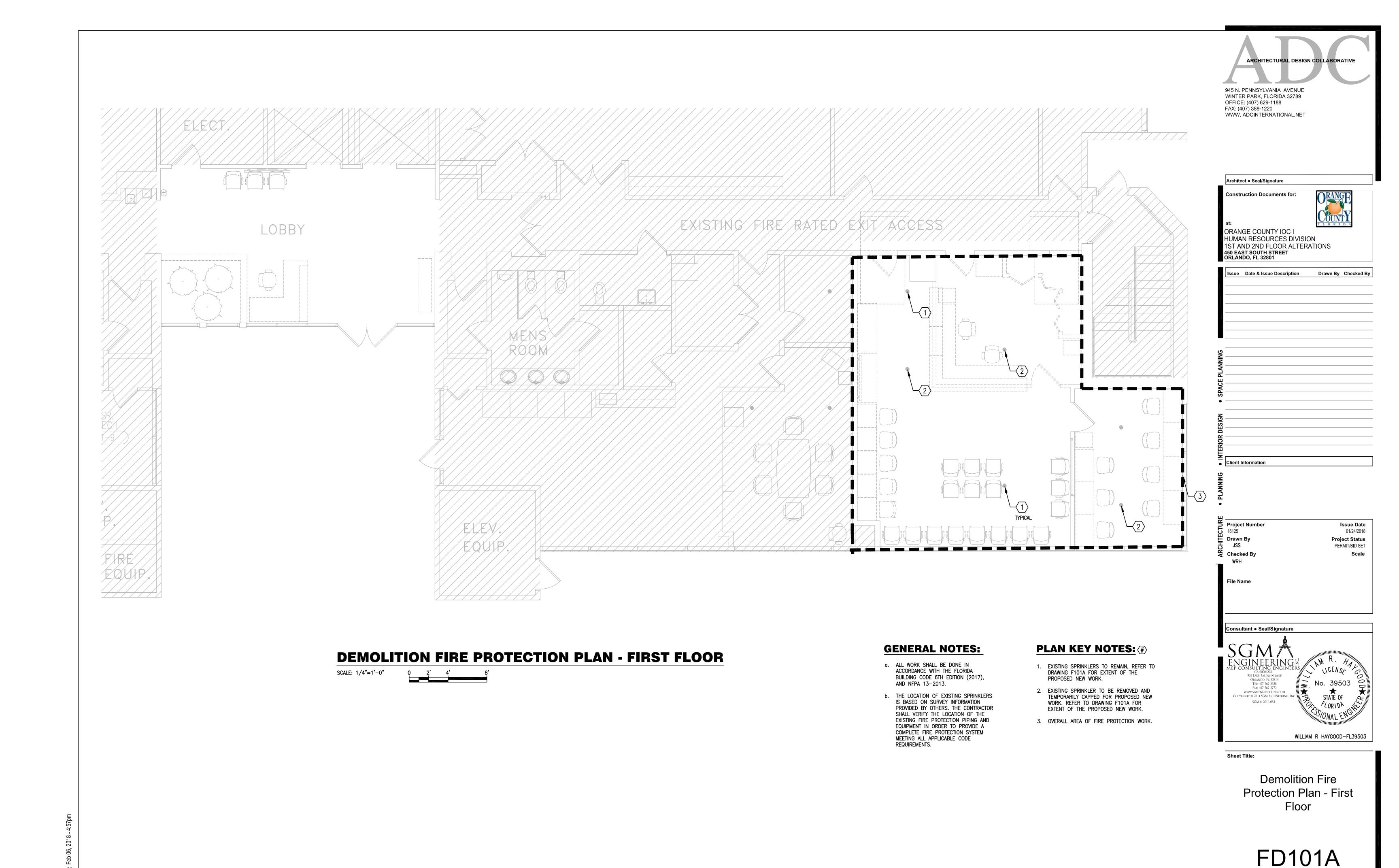
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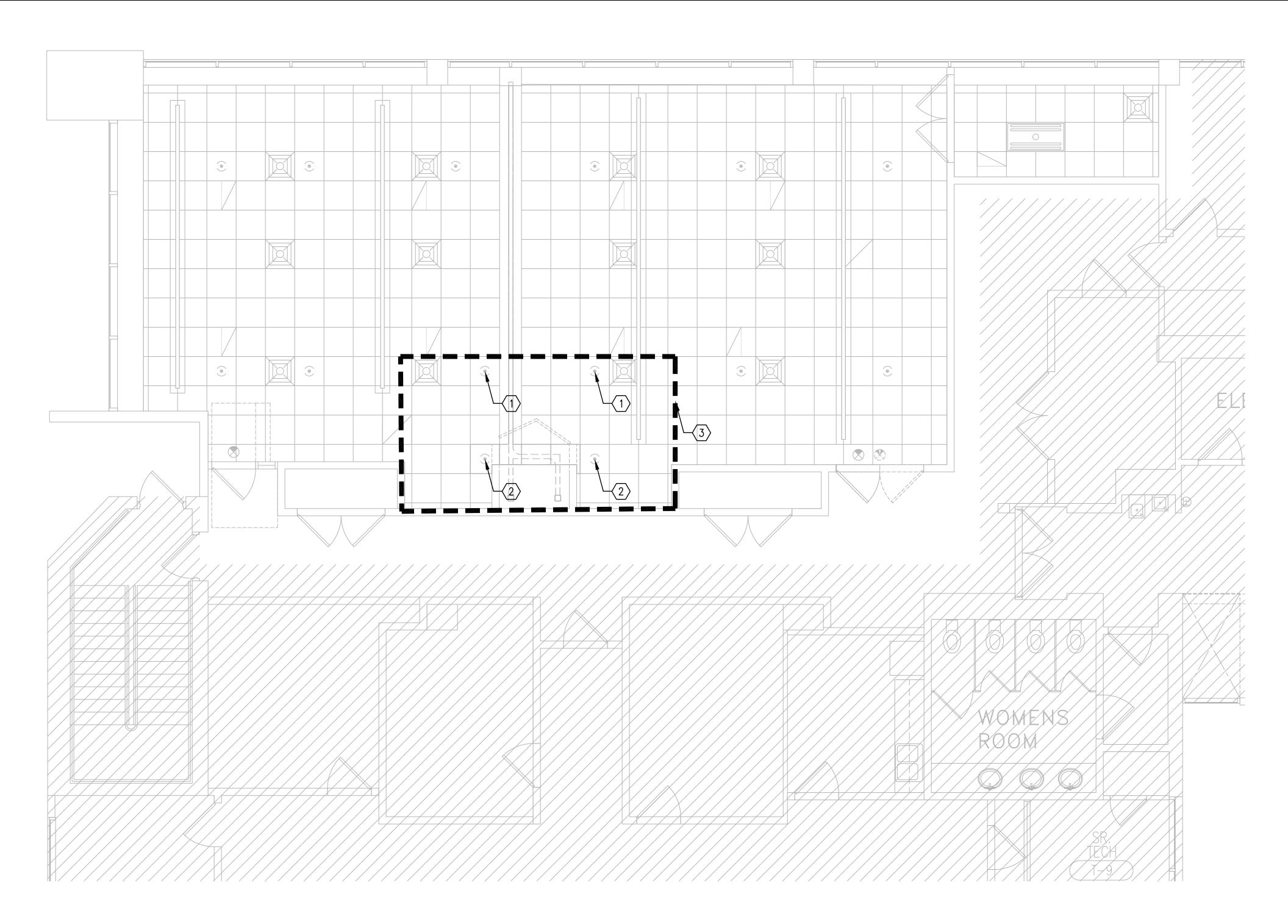
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DEMOLITION FIRE PROTECTION PLAN - FIRST FLOOR SCALE: 1/4"=1'-0"

GENERAL NOTES:

- a. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE FLORIDA BUILDING CODE 6TH EDITION (2017), AND NFPA 13-2013.
- b. THE LOCATION OF EXISTING SPRINKLERS IS BASED ON SURVEY INFORMATION PROVIDED BY OTHERS. THE CONTRACTOR SHALL VERIFY THE LOCATION OF THE EXISTING FIRE PROTECTION PIPING AND EQUIPMENT IN ORDER TO PROVIDE A COMPLETE FIRE PROTECTION SYSTEM MEETING ALL APPLICABLE CODE REQUIREMENTS.

PLAN KEY NOTES: (#)

- EXISTING SPRINKLERS TO REMAIN, REFER TO DRAWING F101B FOR EXTENT OF THE PROPOSED NEW WORK.
- 2. EXISTING SPRINKLER TO BE REMOVED AND TEMPORARILY CAPPED FOR PROPOSED NEW
- 3. OVERALL AREA OF FIRE PROTECTION WORK.

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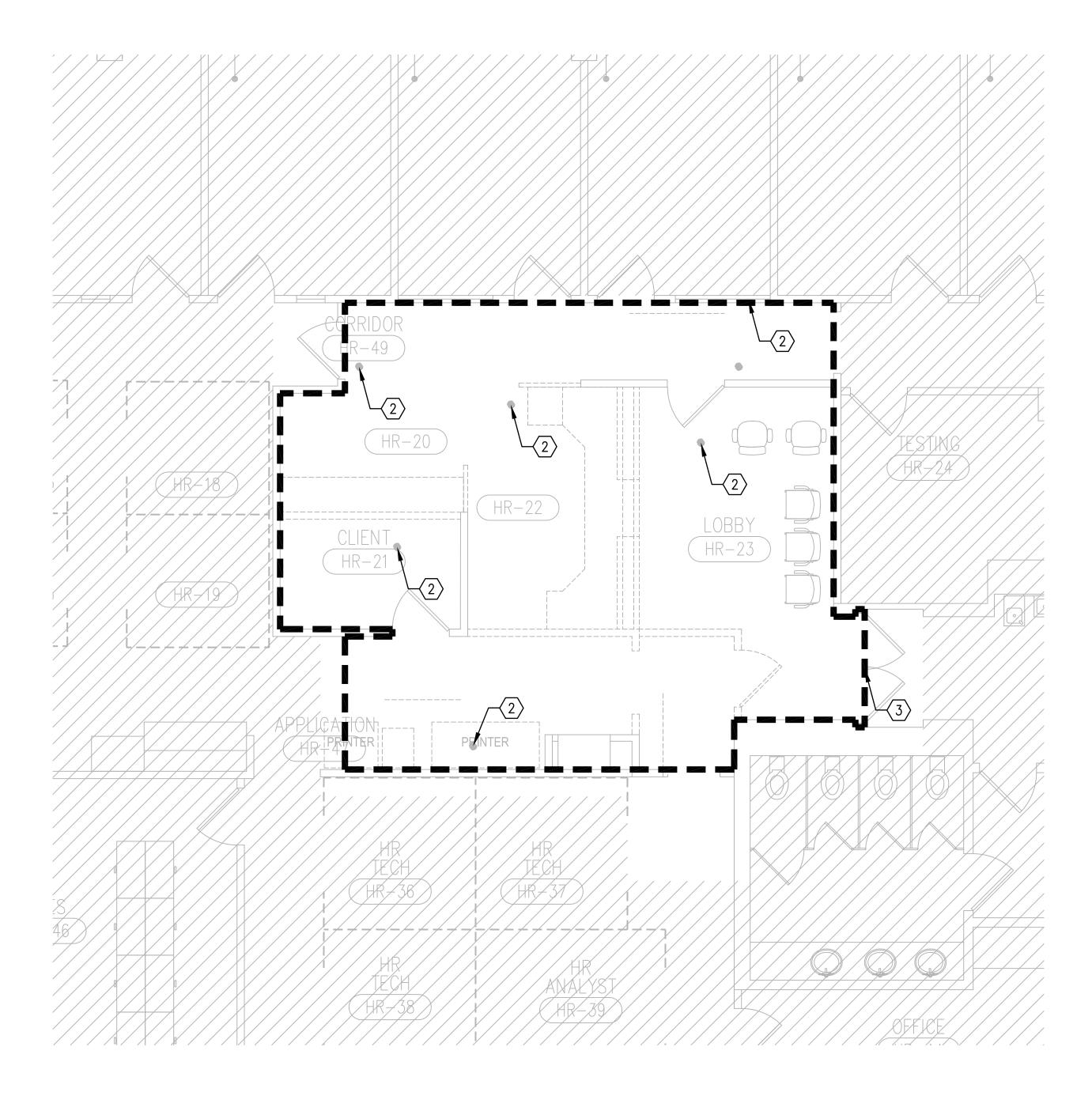
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File Name

Demolition Fire Protection Plan - First Floor

FD101B



DEMOLITION FIRE PROTECTION PLAN - SECOND FLOOR

GENERAL NOTES:

- a. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE FLORIDA BUILDING CODE 6TH EDITION (2017), AND NFPA 13-2013.
- b. THE LOCATION OF EXISTING SPRINKLERS IS BASED ON SURVEY INFORMATION PROVIDED BY OTHERS. THE CONTRACTOR SHALL VERIFY THE LOCATION OF THE EXISTING FIRE PROTECTION PIPING AND EQUIPMENT IN ORDER TO PROVIDE A COMPLETE FIRE PROTECTION SYSTEM MEETING ALL APPLICABLE CODE REQUIREMENTS.

PLAN KEY NOTES: (#)

- . EXISTING SPRINKLERS TO REMAIN, REFER TO DRAWING F202 FOR EXTENT OF THE PROPOSED NEW WORK.
- 2. EXISTING SPRINKLER TO BE REMOVED AND TEMPORARILY CAPPED FOR PROPOSED NEW WORK. REFER TO DRAWING F202 FOR EXTENT OF THE PROPOSED NEW WORK.
- 3. OVERALL AREA OF FIRE PROTECTION WORK.

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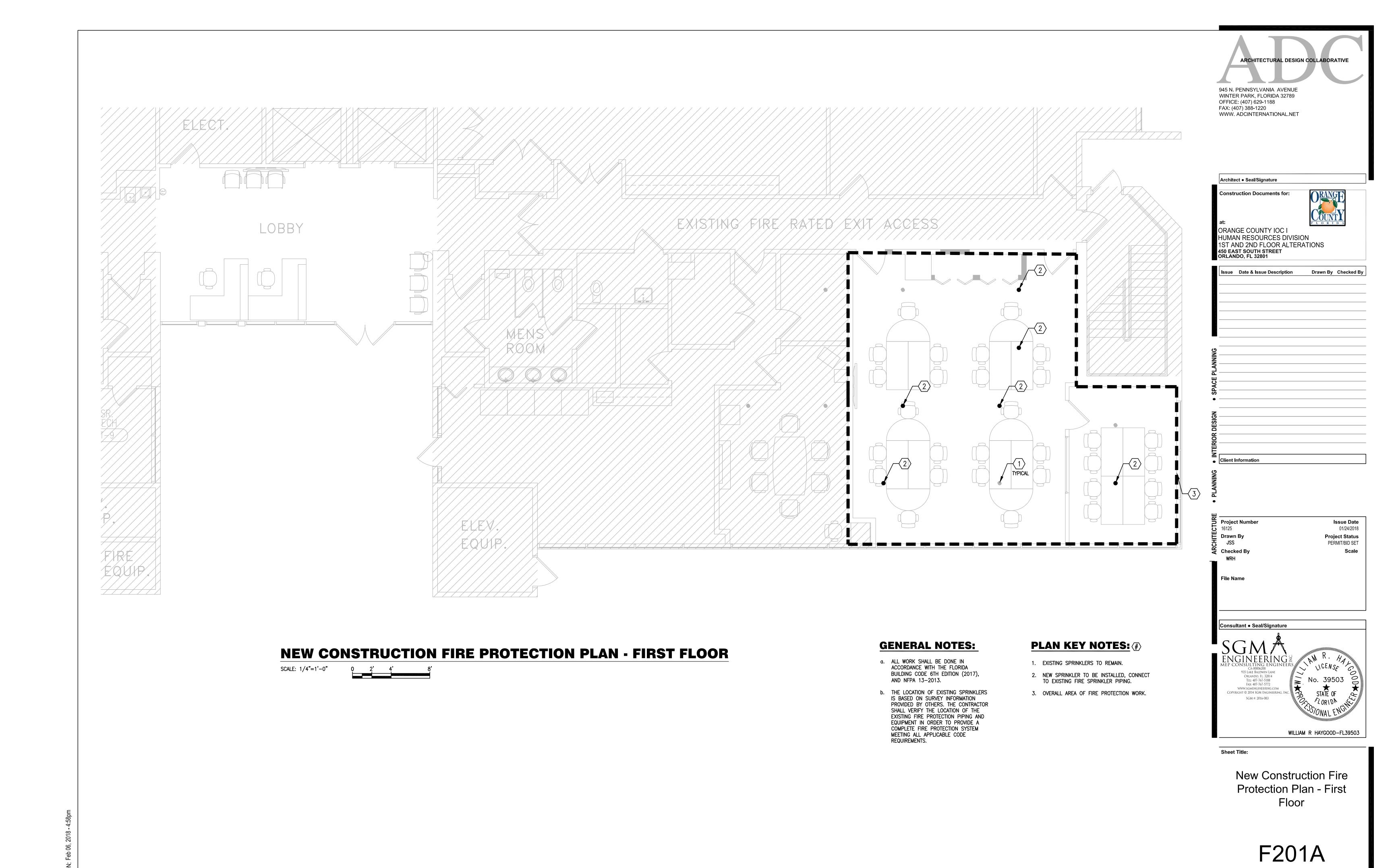
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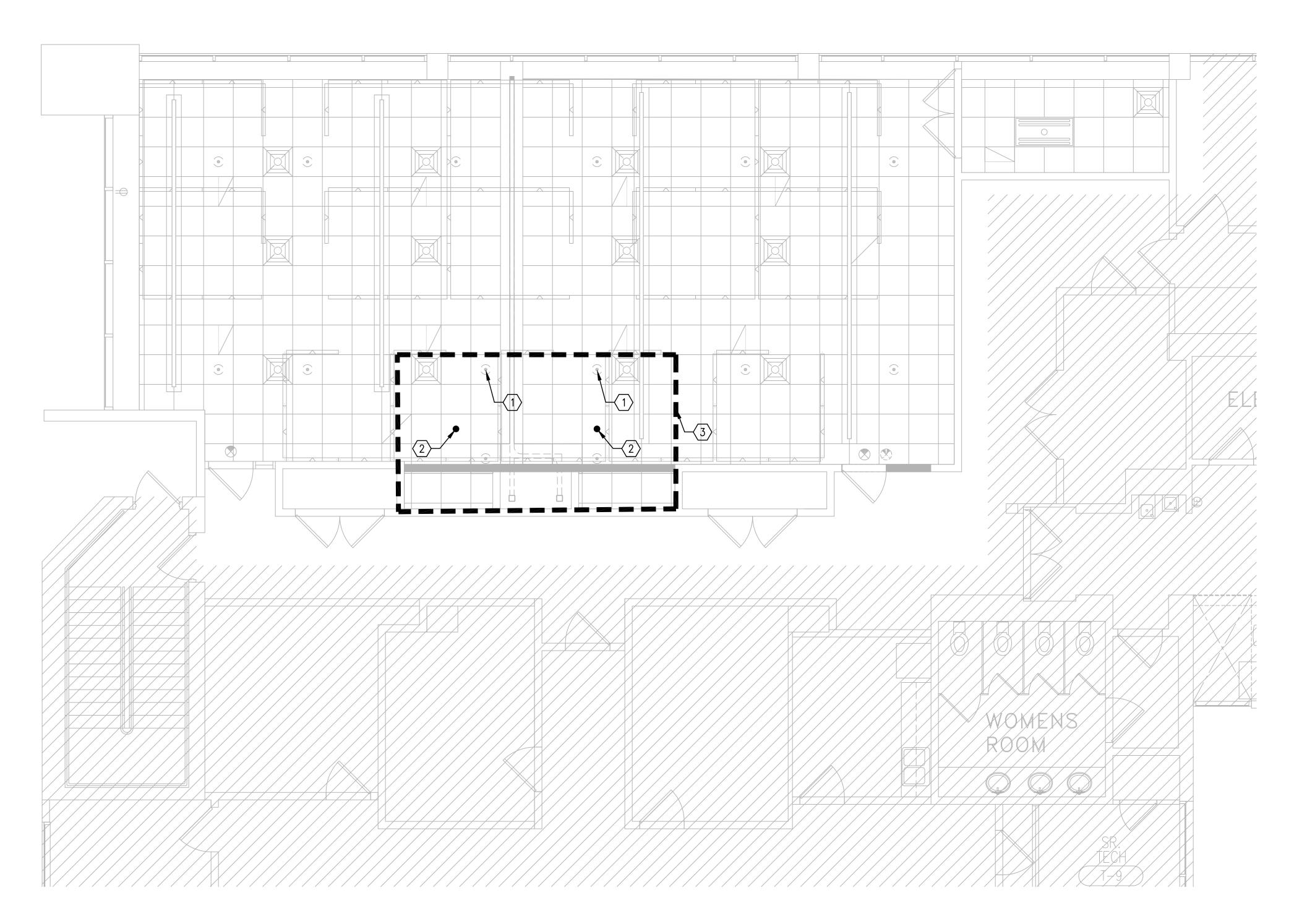
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Demolition Fire Protection Plan - Second Floor

FD102



OWNERSHIP OF INSTRUMENTS OF SERVICE:



NEW CONSTRUCTION FIRE PROTECTION PLAN - FIRST FLOOR

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

GENERAL NOTES:

- a. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE FLORIDA BUILDING CODE 6TH EDITION (2017), AND NFPA 13-2013.
- b. THE LOCATION OF EXISTING SPRINKLERS IS BASED ON SURVEY INFORMATION PROVIDED BY OTHERS. THE CONTRACTOR SHALL VERIFY THE LOCATION OF THE EXISTING FIRE PROTECTION PIPING AND EQUIPMENT IN ORDER TO PROVIDE A COMPLETE FIRE PROTECTION SYSTEM MEETING ALL APPLICABLE CODE REQUIREMENTS.

PLAN KEY NOTES: (#)

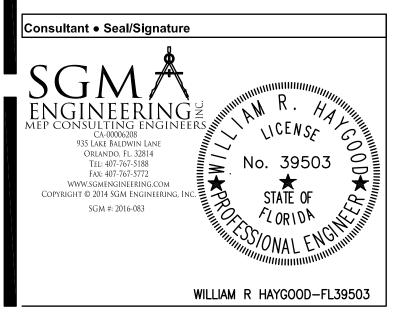
- 1. EXISTING SPRINKLERS TO REMAIN.
- NEW SPRINKLER TO BE INSTALLED, CONNECT TO EXISTING FIRE SPRINKLER PIPING.
- 3. OVERALL AREA OF FIRE PROTECTION WORK.

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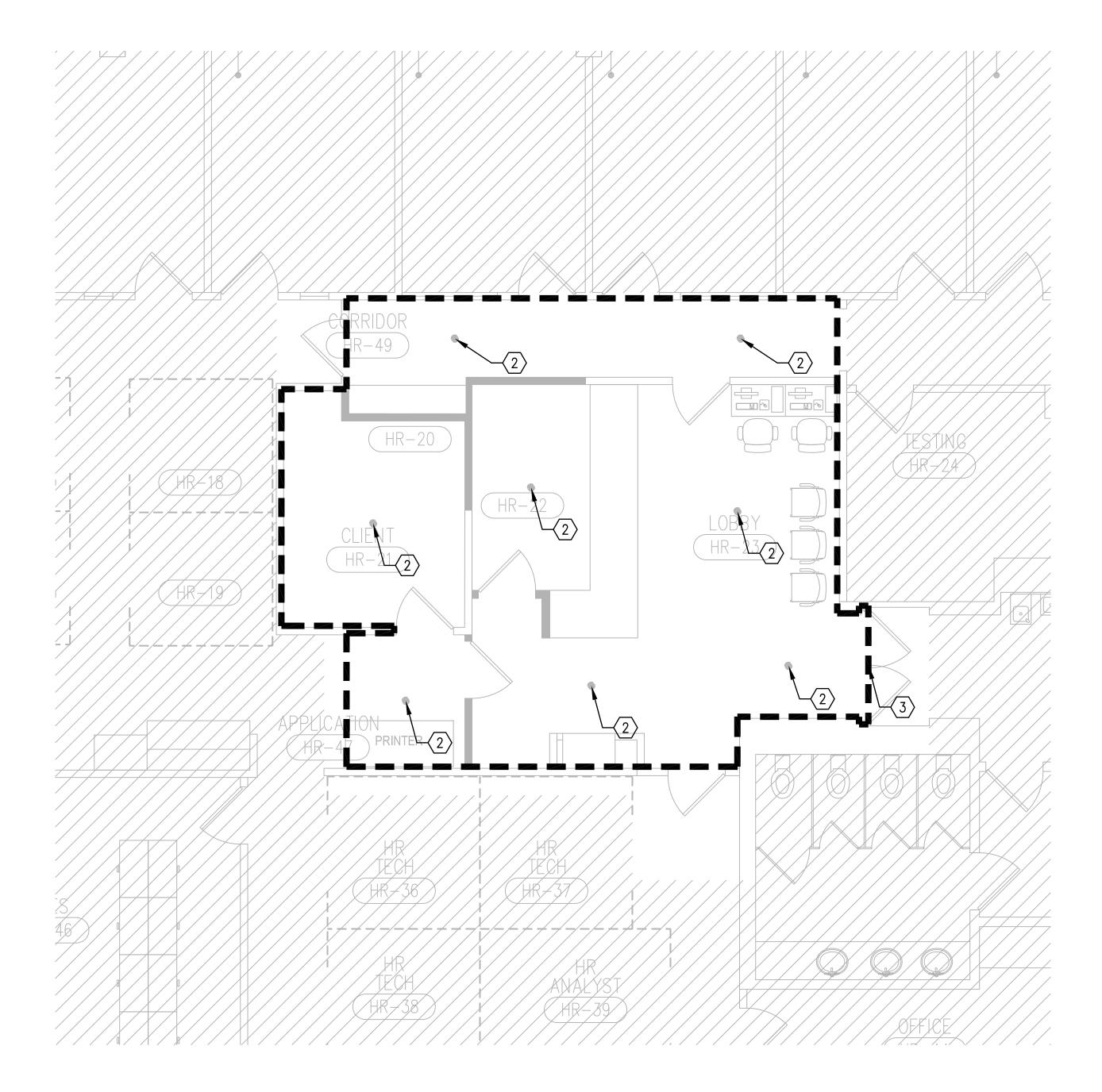
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New Construction Fire Protection Plan - First Floor

F201B



NEW CONSTRUCTION FIRE PROTECTION PLAN - SECOND FLOOR

GENERAL NOTES:

- a. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE FLORIDA BUILDING CODE 6TH EDITION (2017), AND NFPA 13-2013.
- b. THE LOCATION OF EXISTING SPRINKLERS IS BASED ON SURVEY INFORMATION PROVIDED BY OTHERS. THE CONTRACTOR SHALL VERIFY THE LOCATION OF THE EXISTING FIRE PROTECTION PIPING AND EQUIPMENT IN ORDER TO PROVIDE A COMPLETE FIRE PROTECTION SYSTEM MEETING ALL APPLICABLE CODE REQUIREMENTS.

PLAN KEY NOTES: (#)

- 1. EXISTING SPRINKLERS TO REMAIN.
- 2. NEW SPRINKLER TO BE INSTALLED, CONNECT TO EXISTING FIRE SPRINKLER PIPING.
- 3. OVERALL AREA OF FIRE PROTECTION WORK.

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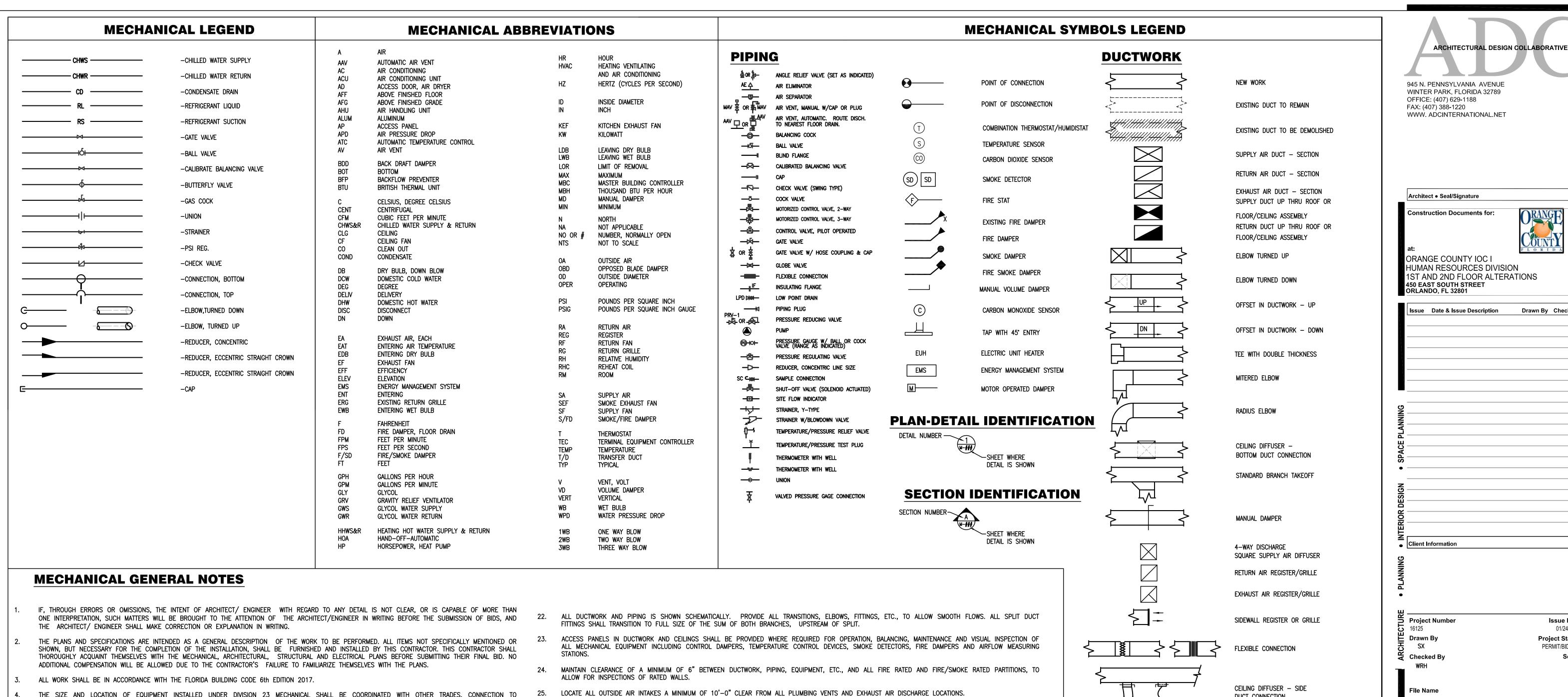
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New Construction Fire Protection Plan - Second Floor

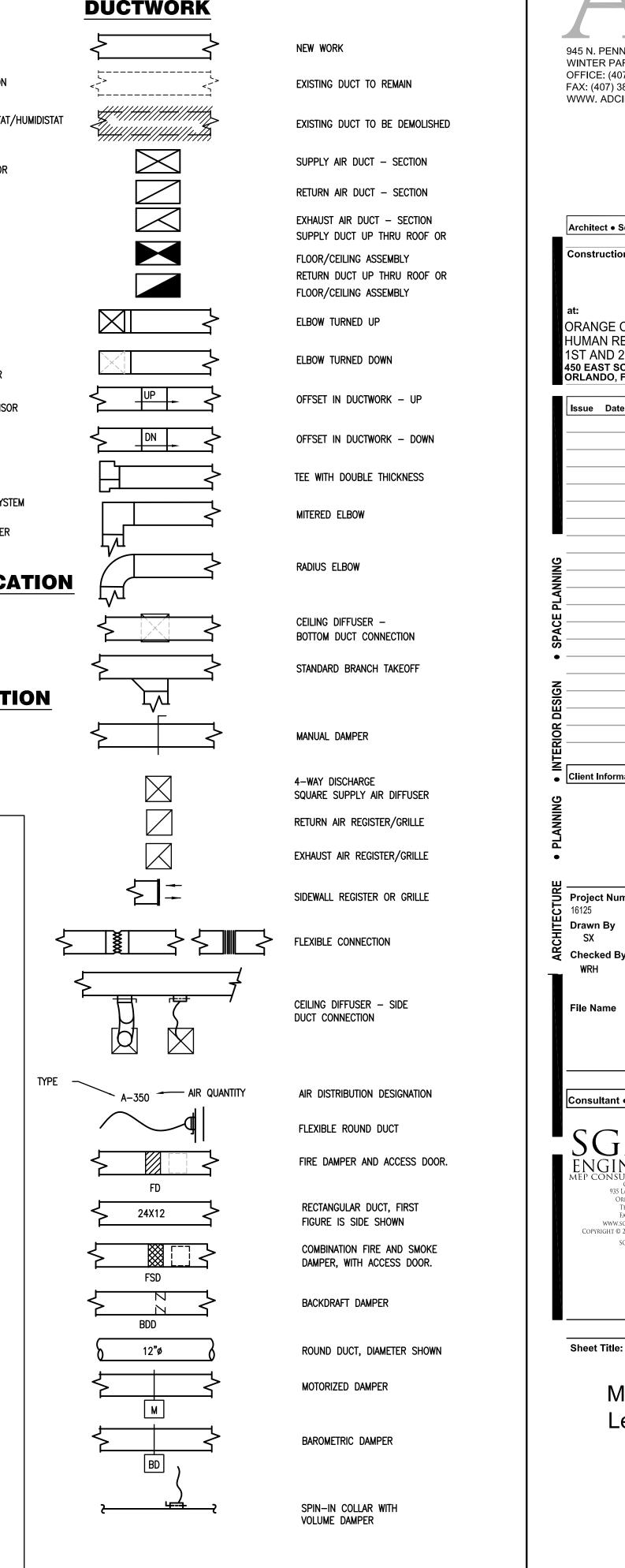
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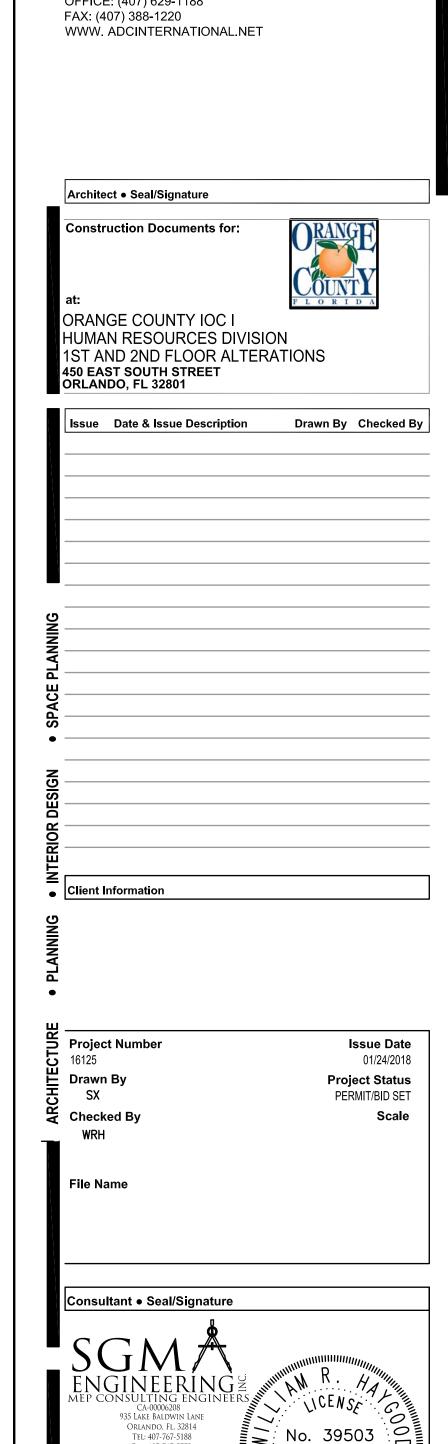
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- THE SIZE AND LOCATION OF EQUIPMENT INSTALLED UNDER DIVISION 23 MECHANICAL SHALL BE COORDINATED WITH OTHER TRADES. CONNECTION TO EQUIPMENT SHALL BE VERIFIED WITH MANUFACTURER'S CERTIFIED DRAWINGS. TRANSITIONS TO ALL EQUIPMENT SHALL BE VERIFIED AND PROVIDED FOR
- DUCTWORK AND PIPING TO MECHANICAL EQUIPMENT SHALL BE INSTALLED IN A MANNER THAT DOES NOT OBSTRUCT EQUIPMENT SERVICE CLEARANCES.
- COORDINATE WORK WITH ALL TRADES INCLUDING, BUT NOT LIMITED TO, ARCHITECTURAL, STRUCTURAL, CIVIL, LIGHTING, POWER SYSTEMS, PLUMBING, AND FIRE PROTECTION EXISTING AND NEW WORK.
- INTERRUPTION OF EXISTING SERVICES SHALL BE MINIMAL AND SHALL BE FULLY COORDINATED WITH THE OWNER AND ALL TRADES IN ADVANCE TO SCHEDULE ALL INTERRUPTIONS DURING NON-CRITICAL TIMES.
- DISCONNECT SWITCHES REQUIRED FOR THE MECHANICAL EQUIPMENT SHALL BE PROVIDED BY DIVISION 26 ELECTRICAL EXCEPT WHEN INDICATED ON
- PROVIDE 4" HIGH CONCRETE PADS UNDER ALL FLOOR MOUNTED EQUIPMENT, WITH CHAMFERED EDGES AND 6" EXTENSIONS BEYOND EQUIPMENT UNLESS
- NOTED OTHERWISE. ALL EQUIPMENT, DUCTWORK, ETC., SHALL BE SUPPORTED AS DETAILED AND/OR SPECIFIED. PROVIDE ADDITIONAL SUPPORTS AS REQUIRED TO PROVIDE A
- VIBRATION-FREE, RIGID INSTALLATION. SUPPORT ALL OBJECTS FROM STRUCTURE WITHOUT PENETRATING THE CEILING.
- 11. ALL HVAC EQUIPMENT LOCATION & WEIGHT SHALL BE COORDINATED AND APPROVED BY THE ARCHITECT, STRUCTURAL ENGINEER, CONTRACTOR AND OWNER PRIOR TO PURCHASE AND INSTALLATION.
- 12. PROVIDE MANUAL AIR VENTS AT ALL HIGH POINTS IN CHILLED WATER PIPING.
- REFER TO TYPICAL DETAILS FOR DUCTWORK, PIPING AND INSTALLATION OF EQUIPMENT.
- CONDENSATE DRAINS FROM ALL MECHANICAL EQUIPMENT SHALL BE COORDINATED FOR PROPER DRAINAGE TO SUIT EQUIPMENT FURNISHED. COORDINATE ROUTING TO DRAIN WITH PLUMBING DRAWINGS.
- 15. ALL CONDENSATE DRAIN LINES SHALL BE INSULATED AND INSTALLED WITH A 'P' TRAP AT THE UNIT.
- 16. UNLESS OTHERWISE NOTED, ALL EQUIPMENT AND VALVE DRAINS SHALL BE INDEPENDENTLY PIPED FULL SIZE TO THE NEAREST PLUMBING FLOOR DRAIN.
- 17. ALL DUCTWORK SHALL BE CONSTRUCTED AND INSTALLED IN ACCORDANCE WITH NFPA 90A AND 90B.
- 18. DUCT SIZES SHOWN ARE MINIMUM INSIDE DIMENSIONS.
- SEE SPECS. FOR GAUGES, THICKNESS, BRACING, REQUIREMENTS, ETC., OF DUCTWORK.
- 20. BEFORE FABRICATION, VERIFY AND COORDINATE ALL DIMENSIONS IN FIELD. DUCT SIZES AND ALL OPENINGS THRU BUILDING CONSTRUCTION SHALL SUIT EQUIPMENT FURNISHED.
- ALL WORK SHALL BE COORDINATED WITH ALL TRADES INVOLVED. OFFSETS IN DUCTS AND PIPING (INCLUDING DIVIDING DUCTS) AND TRANSITIONS AROUND OBSTRUCTIONS SHALL BE PROVIDED AT NO ADDITIONAL COST.

- PROVIDE FLEXIBLE DUCT CONNECTIONS ON ALL DUCTS CONNECTING TO EACH FAN, AIR HANDLING UNIT AND FAN COIL UNIT.
- 27. PROVIDE TRANSITIONS AT DIFFUSER NECKS AS REQUIRED TO MATCH SIZES OF FLEX DUCTS TO BE CONNECTED.
- 28. PROVIDE VOLUME DAMPERS IN ALL BRANCH DUCTS FROM MAIN TRUNK LINES OF LOW PRESSURE SYSTEMS.
- 29. COORDINATE DIFFUSER, GRILLE AND REGISTER LOCATIONS WITH ARCHITECTURAL REFLECTED CEILING PLANS AND EQUIPMENT OF ALL TRADES.
- 30. COORDINATE WITH ARCHITECT BEFORE PURCHASING GRILLES, REGISTERS, DIFFUSERS, LOUVERS AND OTHER AIR DISTRIBUTION DEVICES TO VERIFY FINISH.
- SIDEWALL REGISTERS AND LINEAR TYPE DIFFUSERS SHALL BE INSTALLED LEVEL ALONG A COMMON ELEVATION IN THE SPACE SERVED.
- DAMPERS AND INSIDES OF DUCTS VISIBLE THROUGH GRILLES, REGISTERS AND DIFFUSERS SHALL BE PAINTED FLAT BLACK.
- ALL OPERABLE THERMOSTAT PARTS SHALL BE MOUNTED 48" ABOVE FINISHED FLOOR. ROOM THERMOSTATS DO NOT REQUIRE COVERS. VOLTAGE SHALL BE 24 VOLT UNLESS OTHERWISE INDICATED.
- COORDINATE COMBINATION THERMOSTAT/HUMDISTAT LOCATIONS WITH FURNITURE/EQUIPMENT LAYOUTS, WINDOWS AND DOOR SWING AREAS.
- ALL CONTROL WIRING AND HARDWARE TO COMPLETE THE HVAC CONTROL SYSTEM SHALL BE FURNISHED AND INSTALLED UNDER DIVISION 23 MECHANICAL OF THESE CONTRACT DOCUMENTS UNLESS OTHERWISE SPECIFIED OR INDICATED ON DRAWINGS.
- INSTALLATION OF DUCT SMOKE DETECTORS SHALL BE BY DIVISION 23 AND FURNISHED BY DIVISION 26.
- WATER PRESSURE DROPS THROUGH COIL CONTROL VALVES SHALL NOT EXCEED 5 PSI.
- THE CONTRACTOR SHALL SUBMIT TO THE ARCHITECT AND ENGINEER FOR REVIEW, A TEST AND BALANCE REPORT OF ALL SYSTEMS. THE TESTING AND BALANCING SHALL BE PERFORMED BY A CERTIFIED TEST AND BALANCE COMPANY. TEST AND BALANCE SHALL BE UNDER CM CONTRACT AND BE COMPLETED AT SUBSTANTIAL COMPLETION DATE. REFER TO SPECIFICATIONS FOR COMPLETE TEST AND BALANCE REQUIREMENTS.
- PROVIDE ALL MANUFACTURER INSTALLATION AND MAINTENANCE MANUALS FOR EQUIPMENT INSTALLED FOR ENGINEER REVIEW BEFORE RELEASE TO THE OWNER.
- PROVIDE A HIGH STATIC CUT-OFF SWITCH IN ALL SUPPLY AIR DISCHARGE OF AHU'S IF SUPPLY AIR DUCT PENETRATES A RATED WALL WITH DAMPER.
- 41. INSTALL FIRE DAMPERS PER MANUFACTURER'S RECOMMENDATIONS.





Mechanical Symbols Legend and General Notes

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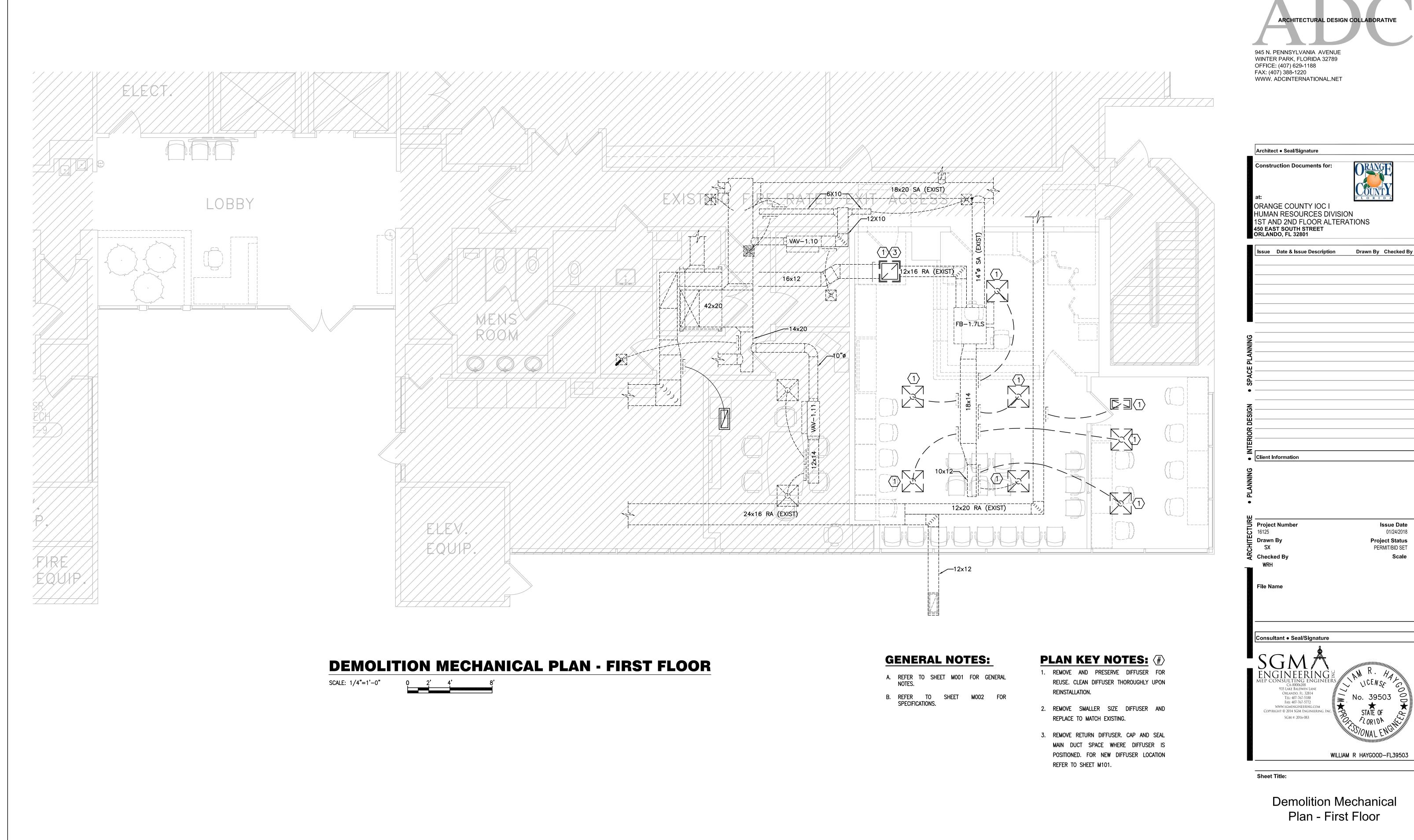
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FAX: 407-767-5772

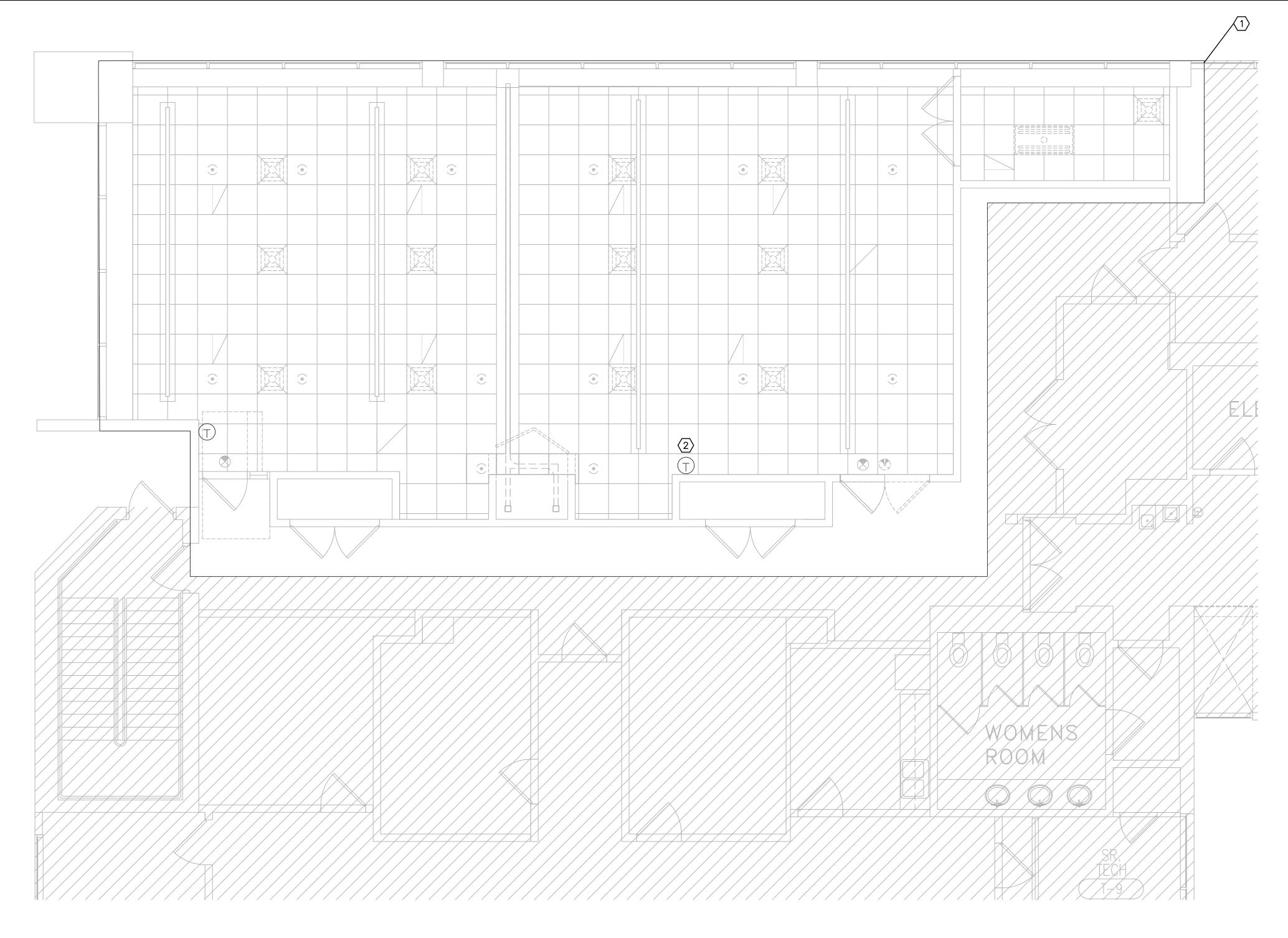
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MD101A



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

GENERAL NOTES:

- A. REFER TO SHEET M001 FOR GENERAL NOTES.
- B. REFER TO SHEET M002 FOR SPECIFICATIONS.

PLAN KEY NOTES: (#)

- 1. EXISTING MECHANICAL SYSTEM TO REMAIN. CLEAN DIFFUSERS.
- 2. RELOCATE THERMOSTAT DUE TO NEW SYSTEMS FURNITURE.

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Construction Documents for:



ORANGE COUNTY IOC I HUMAN RESOURCES DIVISION 1ST AND 2ND FLOOR ALTERATIONS
450 EAST SOUTH STREET
ORLANDO, FL 32801

Issue Date & Issue Description Drawn By Checked By

Client Information

Project Number 16125 Drawn By SX Checked By

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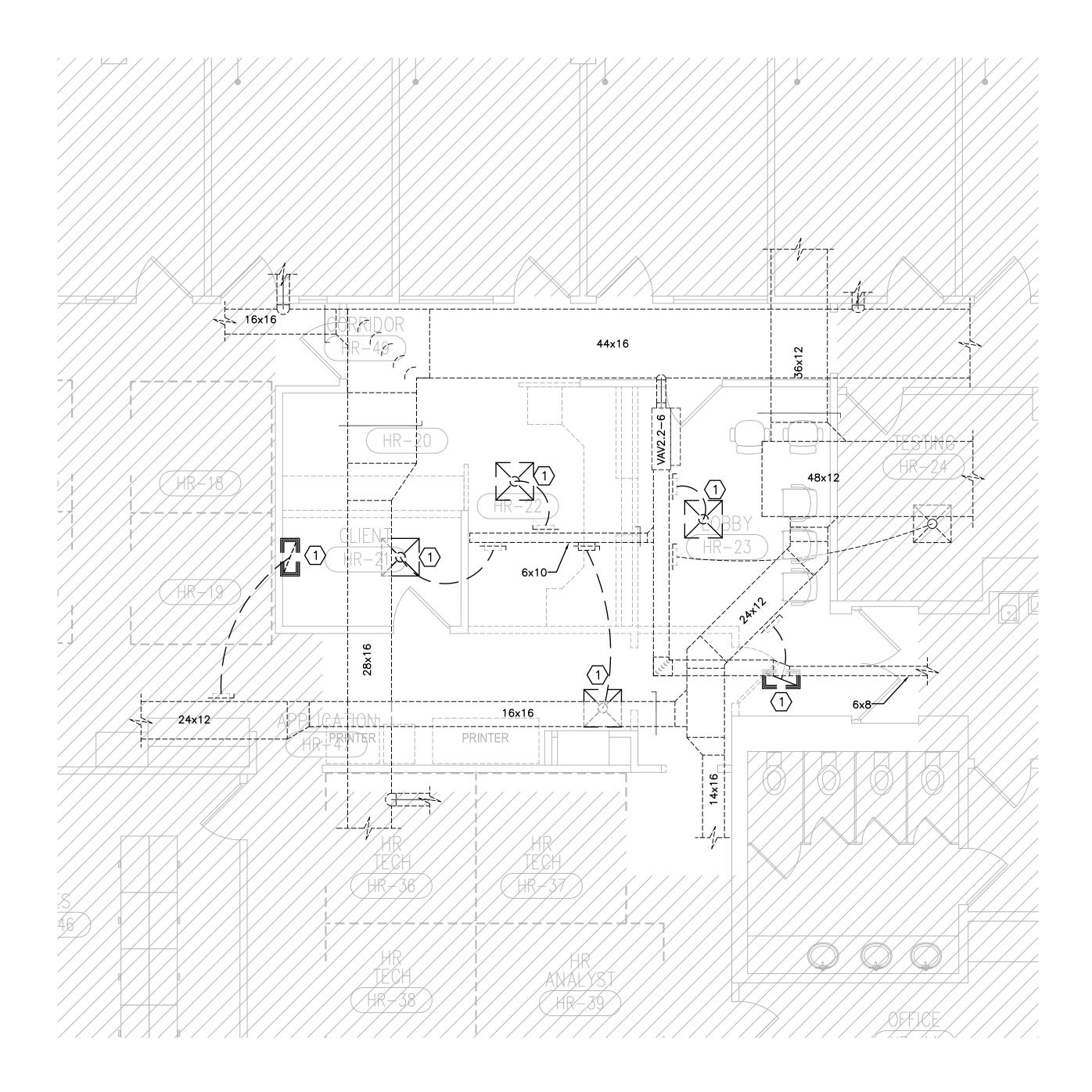
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Demolition Mechanical Plan - First Floor

MD101B



DEMOLITION MECHANICAL PLAN - SECOND FLOOR

GENERAL NOTES:

- B. REFER TO SHEET M002 FOR SPECIFICATIONS.

PLAN KEY NOTES: (#)

REMOVE AND PRESERVE DIFFUSER FOR REUSE. CLEAN DIFFUSER THOROUGHLY UPON REINSTALLATION.

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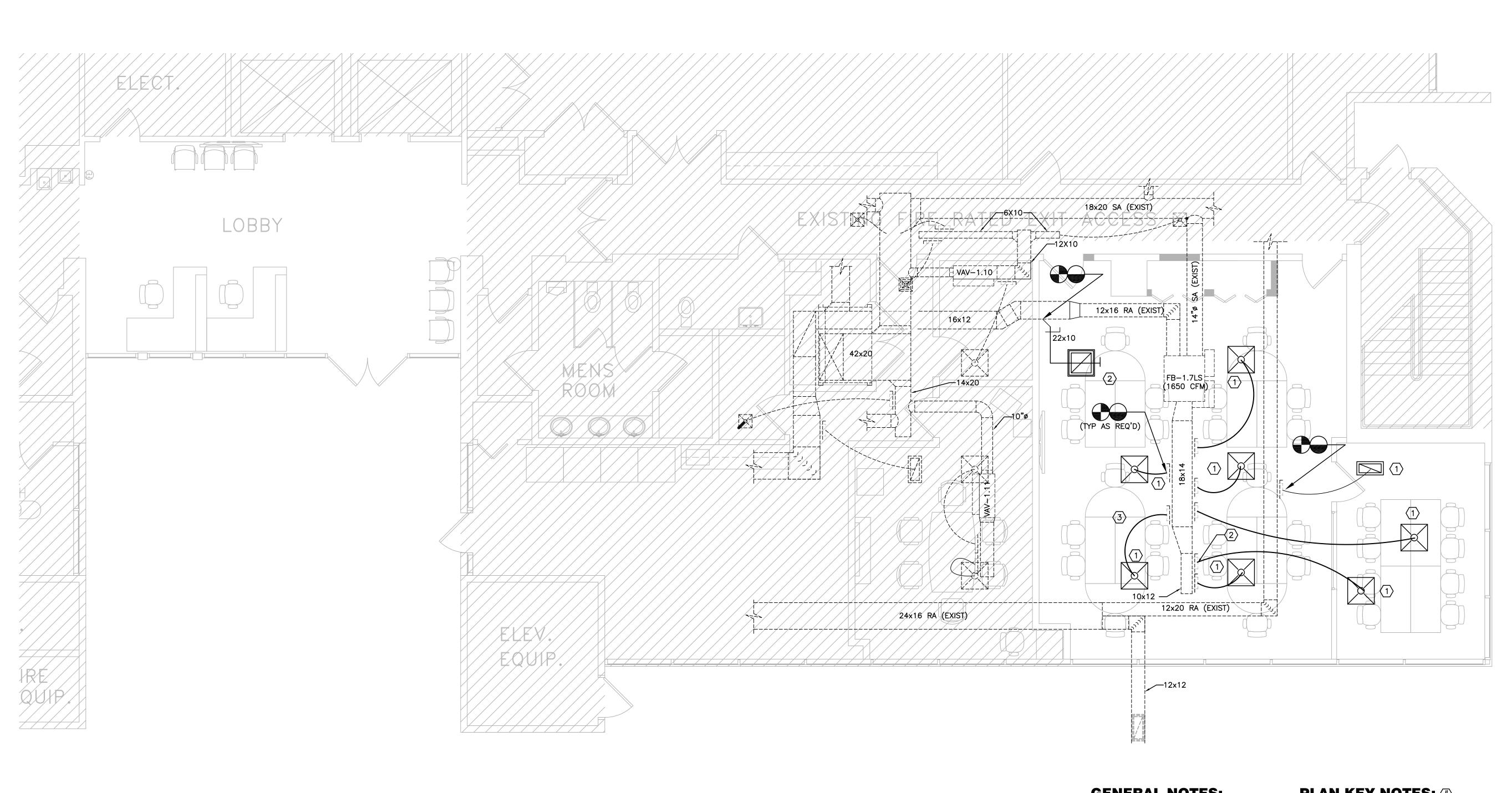
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Demolition Mechanical Plan - Second Floor

MD102



GENERAL NOTES:

- A. REFER TO SHEET MOO1 FOR GENERAL NOTES.
- B. REFER TO SHEET MOO2 FOR SPECIFICATIONS.

PLAN KEY NOTES: (#)

- 1. IF NECESSARY, PROVIDE NEW FLEX DUCT ACCORDINGLY IN ORDER REPOSITION EXISTING DIFFUSERS. REFER TO DETAIL SHEET.
- 2. PROVIDE NEW 22x10 RETURN DUCT FOR RELOCATED RETURN REGISTER. PATCH/REPAIR RETURN DUCT AT EXISTING DUCT CONNECTION AND INSULATE.
- 3. VERIFY AREA FOR DUCT LEAKAGE AND DAMAGED INSULATION. EXAMINE FOR CONDENSATION. REPAIR DUCT LEAKAGE AND INSULATION AS REQUIRED TO ELIMINATE CONDENSING OF DUCTWORK AND DIFFUSERS.



Architect • Seal/Signature

Construction Documents for:

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1ST AND 2ND FLOOR ALTERATIONS
450 EAST SOUTH STREET
ORLANDO, FL 32801

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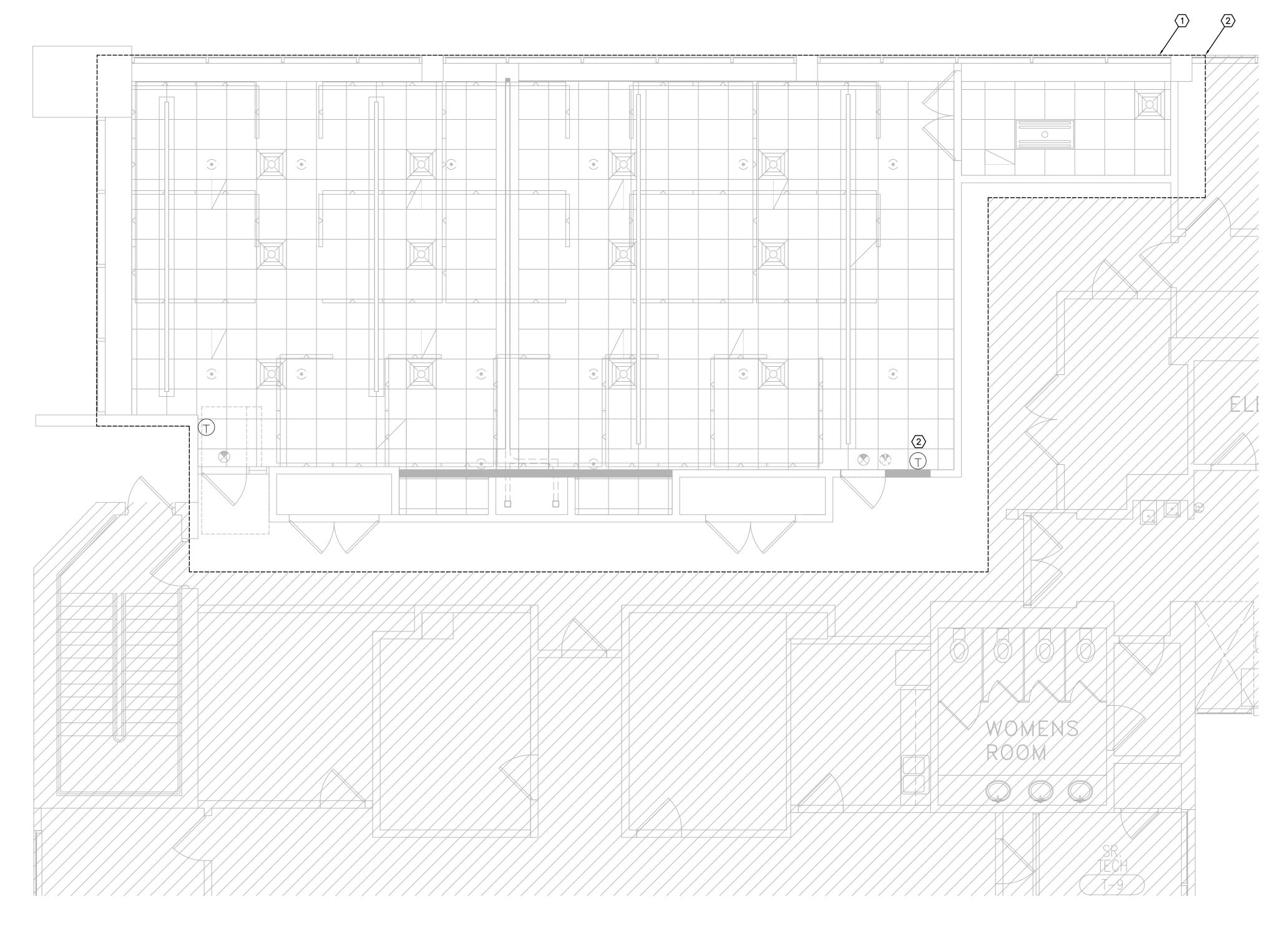
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Sheet Title:

New Construction Mechanical Plan - First Floor

M201A

NEW CONSTRUCTION MECHANICAL PLAN SCALE: 1/4"=1'-0"



NEW CONSTRUCTION MECHANICAL PLAN

GENERAL NOTES:

- A. REFER TO SHEET MOO1 FOR GENERAL NOTES.
- B. REFER TO SHEET M002 FOR SPECIFICATIONS.

PLAN KEY NOTES: (#)

- 1. EXISTING MECHANICAL SYSTEM TO REMAIN. CLEAN DIFFUSERS.
- 2. RELOCATE THERMOSTAT DUE TO NEW SYSTEMS FURNITURE.

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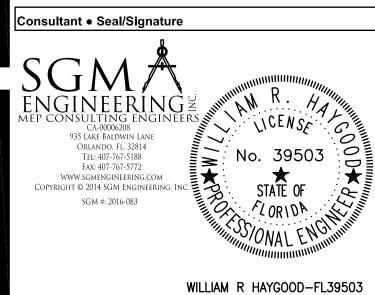


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Client Information

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Issue Date 01/24/2018

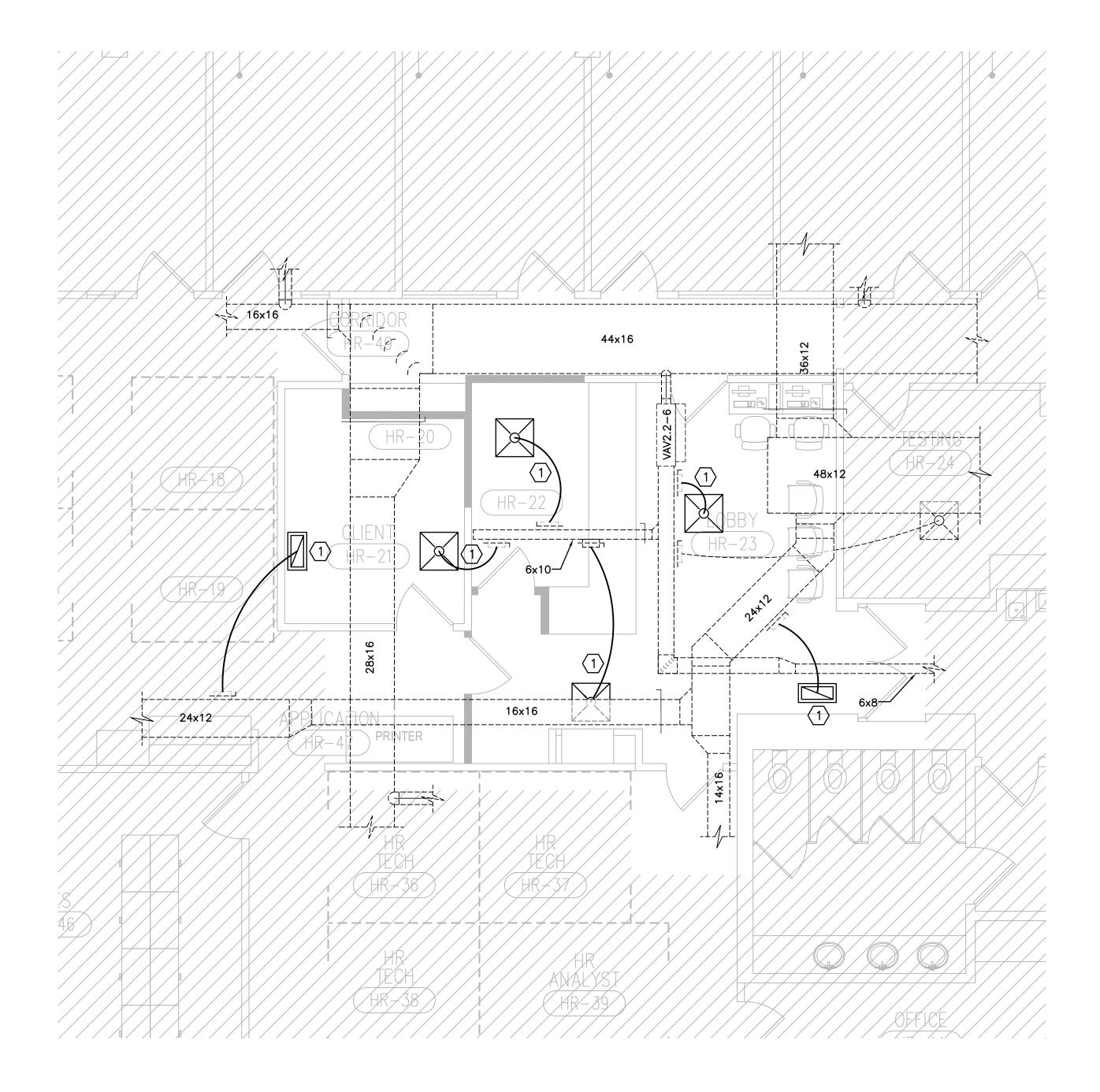
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Sheet Title:

New Construction Mechanical Plan - First Floor

M201B

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



NEW CONSTRUCTION MECHANICAL PLAN - SECOND FLOOR SCALE: 1/4"=1'-0" 0 2' 4' 8'

GENERAL NOTES:

- A. REFER TO SHEET MOO1 FOR GENERAL NOTES.
- B. REFER TO SHEET M002 FC SPECIFICATIONS.

PLAN KEY NOTES: (#)

1. IF NECESSARY, PROVIDE NEW FLEX DUCT ACCORDINGLY IN ORDER REPOSITION EXISTING DIFFUSERS. REFER TO DETAIL SHEET.

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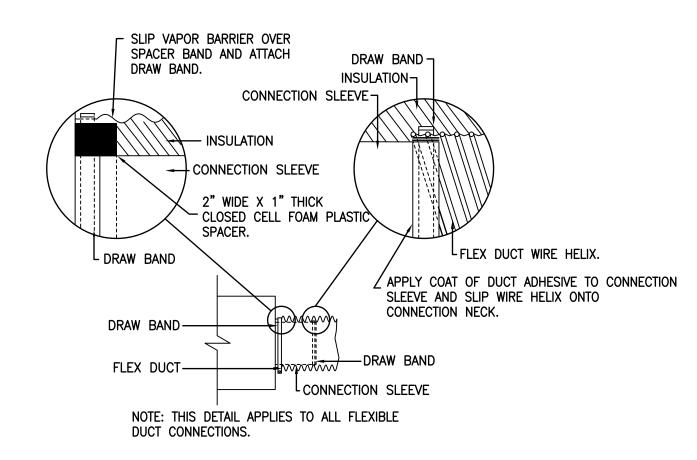
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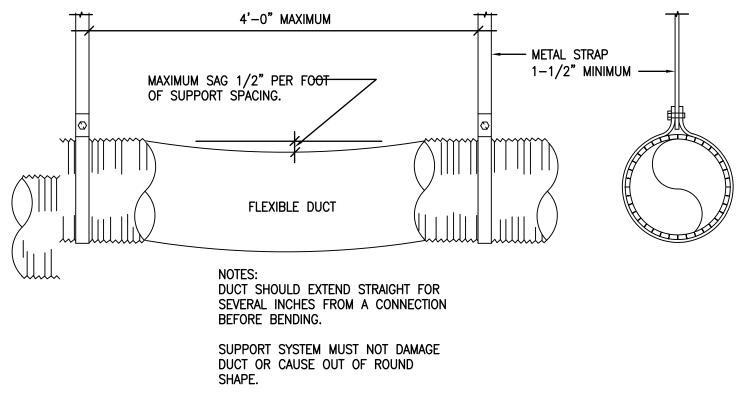
New Construction Mechanical Plan -Second Floor

WILLIAM R HAYGOOD-FL39503

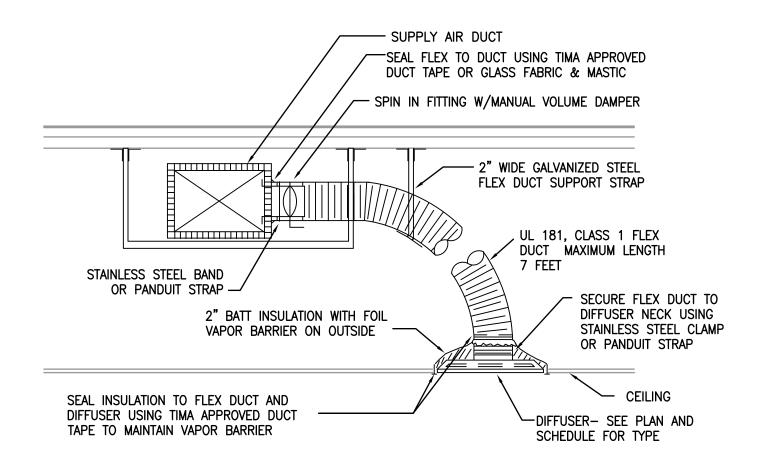
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FLEX DUCT CONNECTION DETAIL

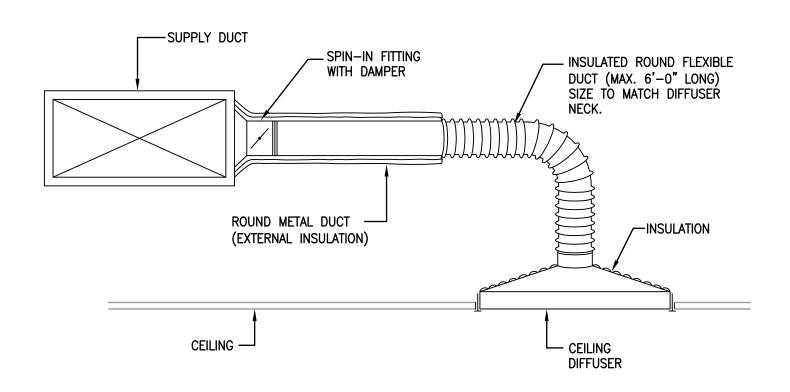


FLEX DUCT SUPPORT



DUCT TO SUPPLY DIFFUSER CONN. DETAIL

NOT TO SCALE



CEILING DIFFUSER RUNOUT DETAIL



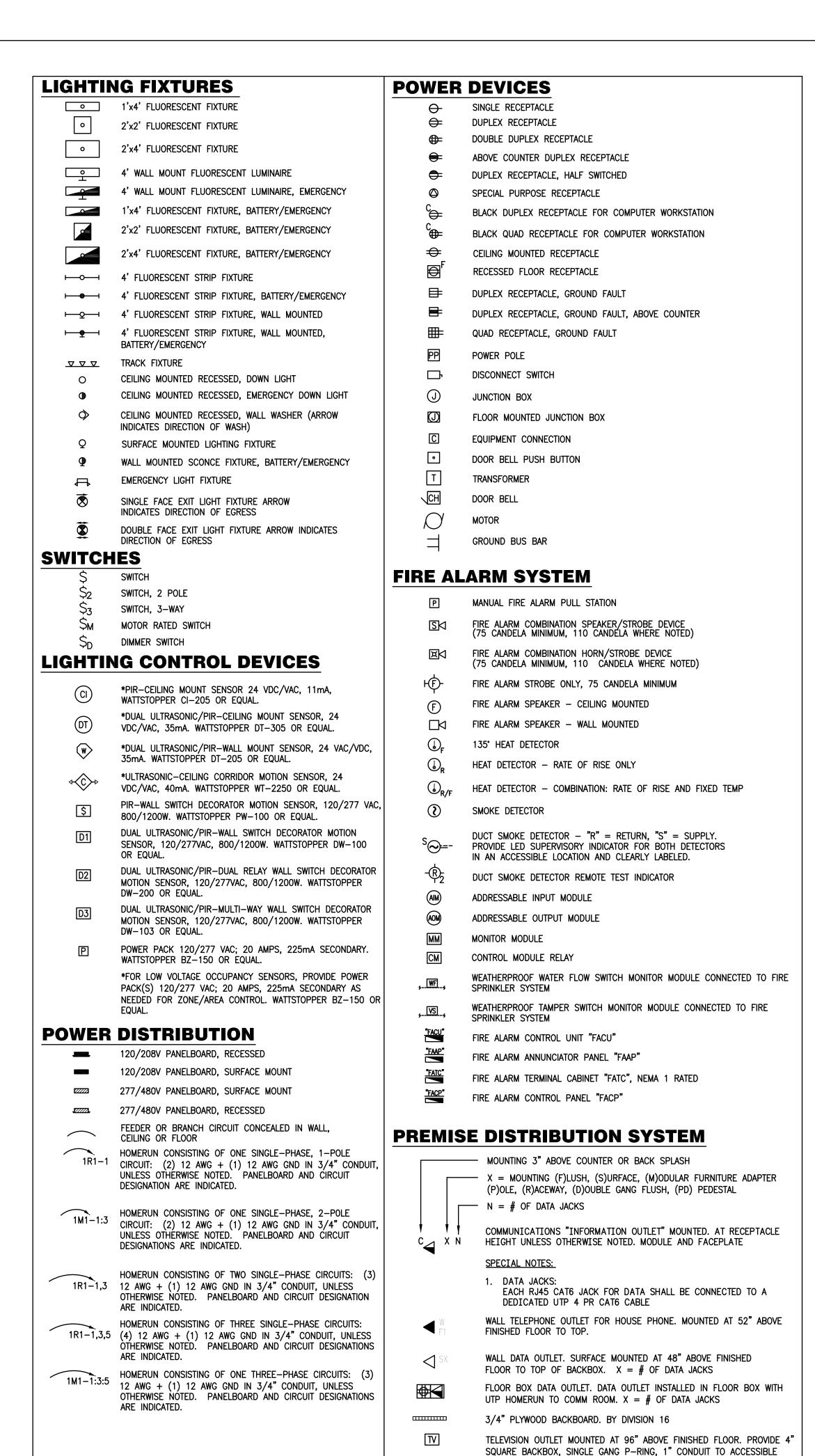
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Mechanical Details

WILLIAM R HAYGOOD-FL39503

M601



NOTE: SOME SYMBOLS SHOWN ON THIS LEGEND MAY NOT PERTAIN TO THIS PROJECT.

ABBREVIATIONS INCANDESCENT AUDIO ENHANCEMENT JUNCTION BOX ABOVE FINISHED CEILING KILO-VOLTS ABOVE FINISHED FLOOR KILO-VOLTS-AMPERES ABOVE FINISHED GRADE KILO-VOLTS-AMPERES INTERRUPTING AMPERES REACTIVE CAPACITY KILO-WATTS **ALUMINUM** KILO-WATT-HOURS AMERICAN WIRE GAUGE LIGHTING BELOW FINISHED CEILING METER BELOW FINISHED GRADE MILLIMETER CONDUIT MAXIMUM CABINET MAIN CIRCUIT BREAKER MOTOR CONTROL CENTER CFCI CONTRACTOR FURNISHED MCP MOTOR CIRCUIT PROTECTOR CONTRACTOR SUPPLIED MANUFACTURER METAL HALIDE CLG CEILING CENTERLINE MINIMUM **MISCELLANEOUS** CURRENT TRANSFORMERS MTR MOTOR COPPER MOUNTED DISC DISCONNECT(ING) MTD DWG MOUNTING DRAWING(S) NATIONAL ELECTRICAL CODE EXHAUST FAN OFOI OWNER FURNISHED ELECTRICAL METALLIC TUBING EMT OWNER INSTALLED EQUIPMENT ELECTRIC UNIT HEATER PULL STATION INSIDE ELECTRIC WATER COOLER PVC POLYVINYL CHLORIDE ELECTRIC WATER HEATER RECEPTACLE EXHAUST RIGID GALVANIZED STEEL EXIST TELEPHONE EXISTING EXP EXPLOSION PROOF TYPICAL FIRE ALARM UON UNLESS OTHERWISE NOTED FULL LOAD AMPERES VOLTS FLUOR FLUORESCENT VOLT-AMPERES GFCI GROUND FAULT CIRCUIT VARIABLE FREQUENCY DRIVE INTERRUPTER WATTS GROUND FAULT PROTECTION WEATHER PROOF XFMR TRANSFORMER GROUND HGT HEIGHT HIGH INTENSITY DISCHARGE HIGH PRESSURE SODIUM HAND-OFF-AUTOMATIC HOA HORSEPOWER HEATING/VENTILATING AIR CONDITIONING HIGH VOLTAGE

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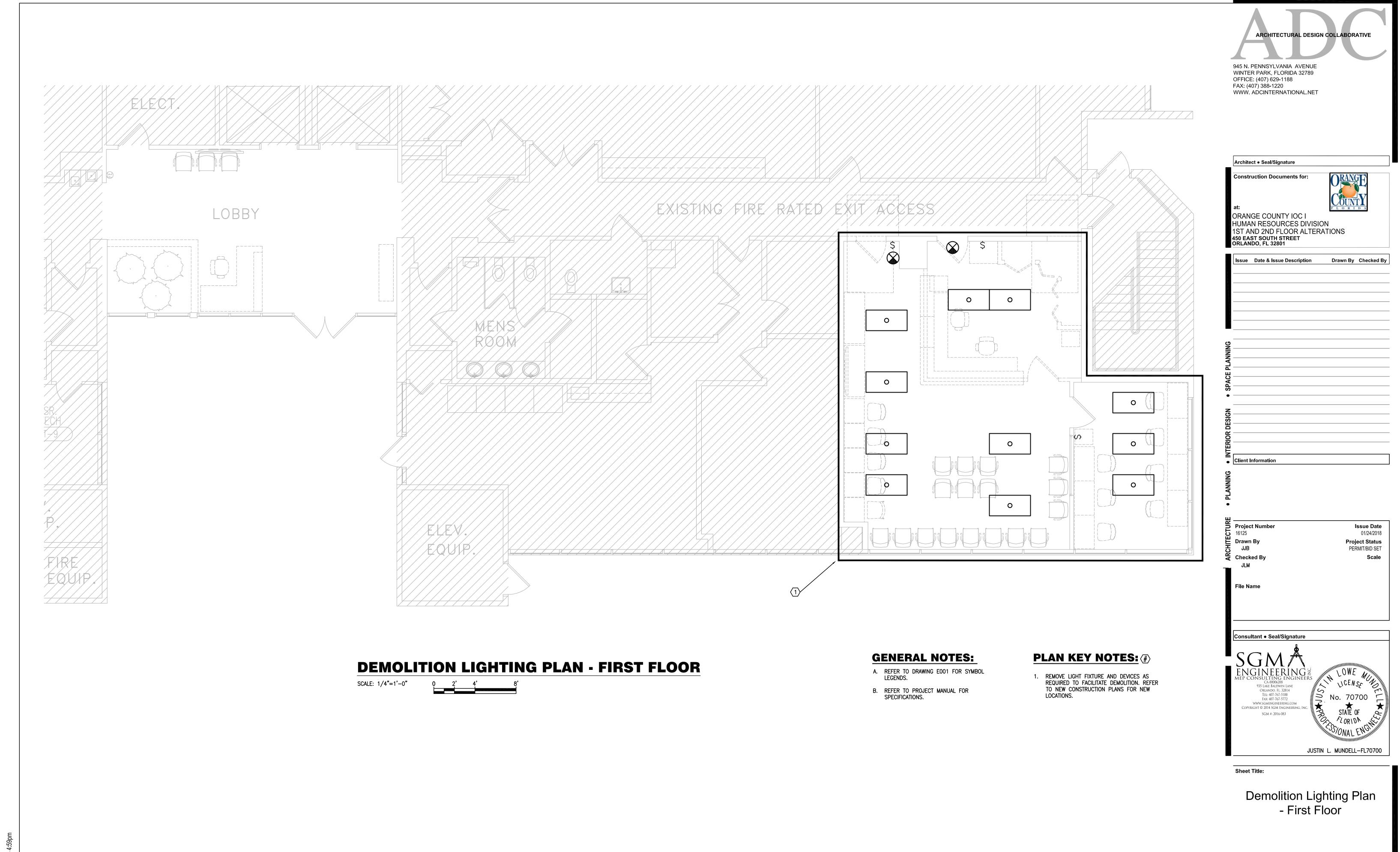
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Electrical Symbols Legend and General Notes

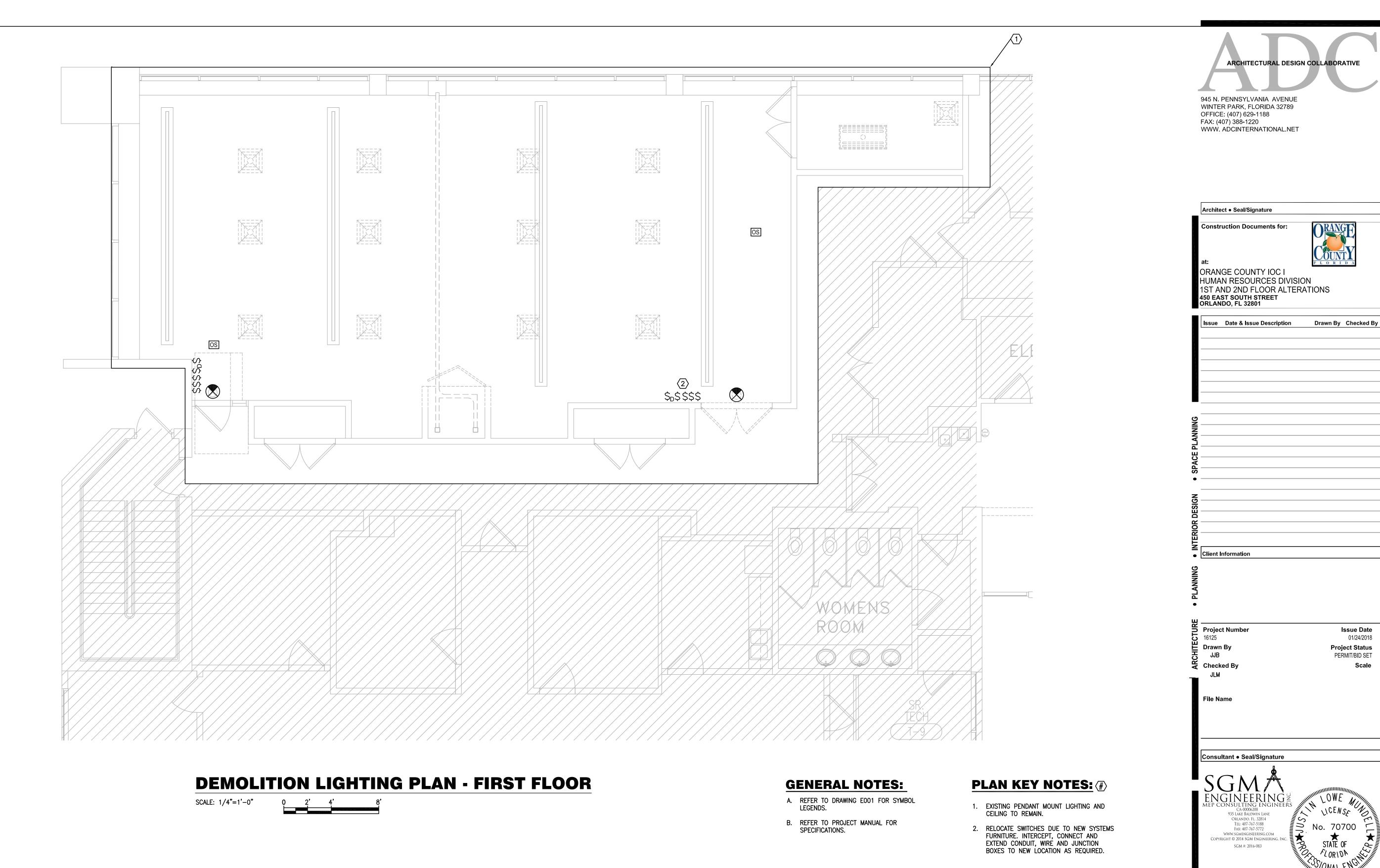
E001

CEILING SPACE, AND (2) CAT-6 CABLE TO CLOSEST IDF ROOM.



ELD101A

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Sheet Title:

Demolition Lighting Plan
- First Floor

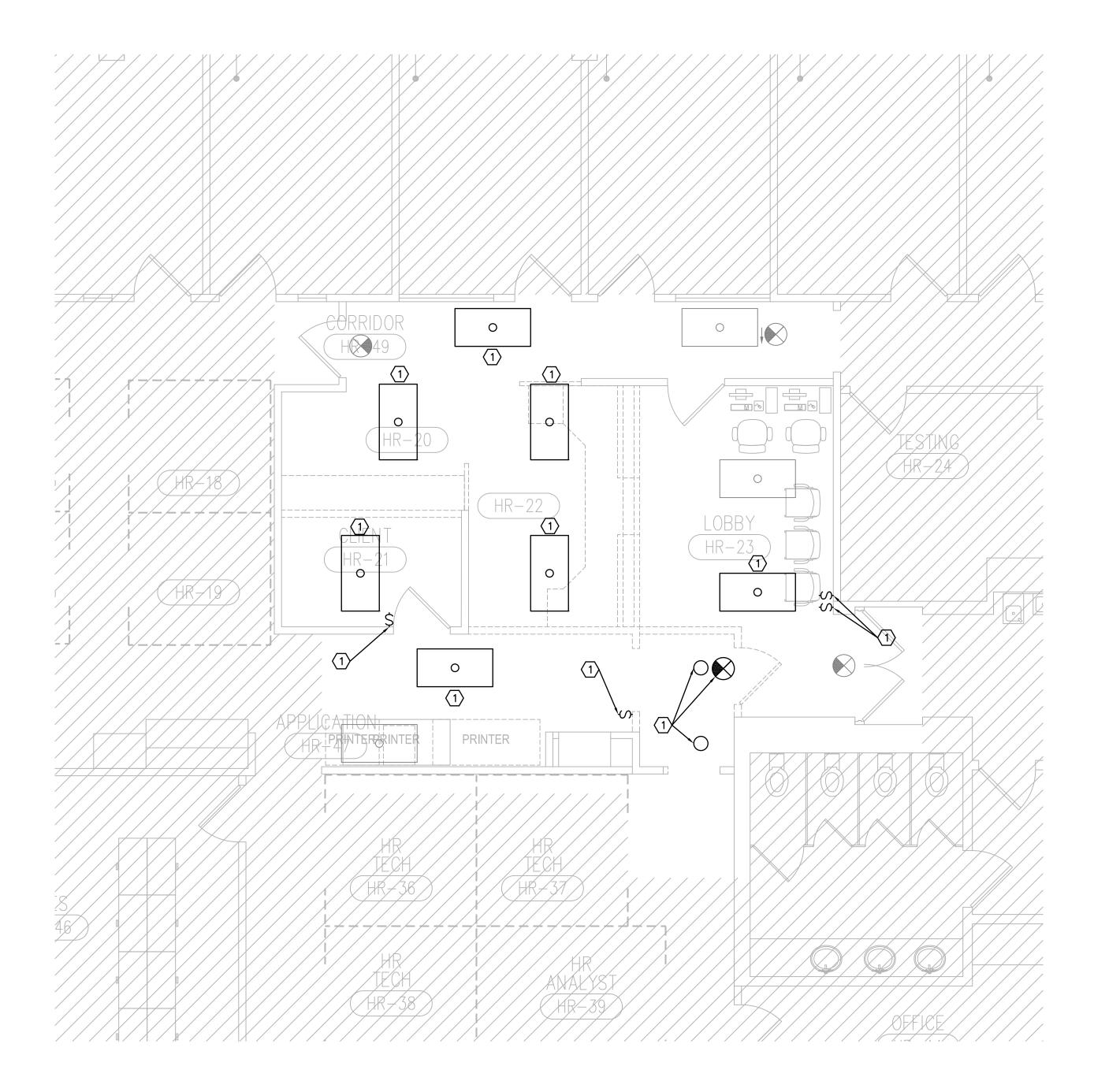
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ELD101B



DEMOLITION LIGHTING PLAN - SECOND FLOOR

GENERAL NOTES:

- A. REFER TO DRAWING E001 FOR SYMBOL LEGENDS.
- B. REFER TO PROJECT MANUAL FOR SPECIFICATIONS.

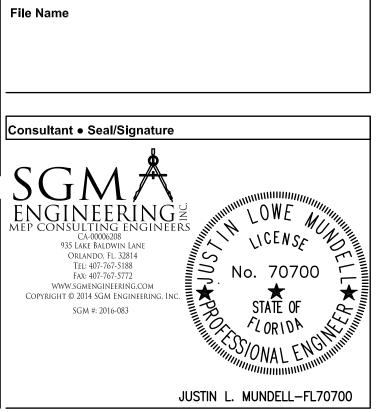
PLAN KEY NOTES: (#)

1. REMOVE LIGHT FIXTURE AND DEVICES AS REQUIRED TO FACILITATE DEMOLITION. REFER TO NEW CONSTRUCTION PLANS FOR NEW LOCATIONS.

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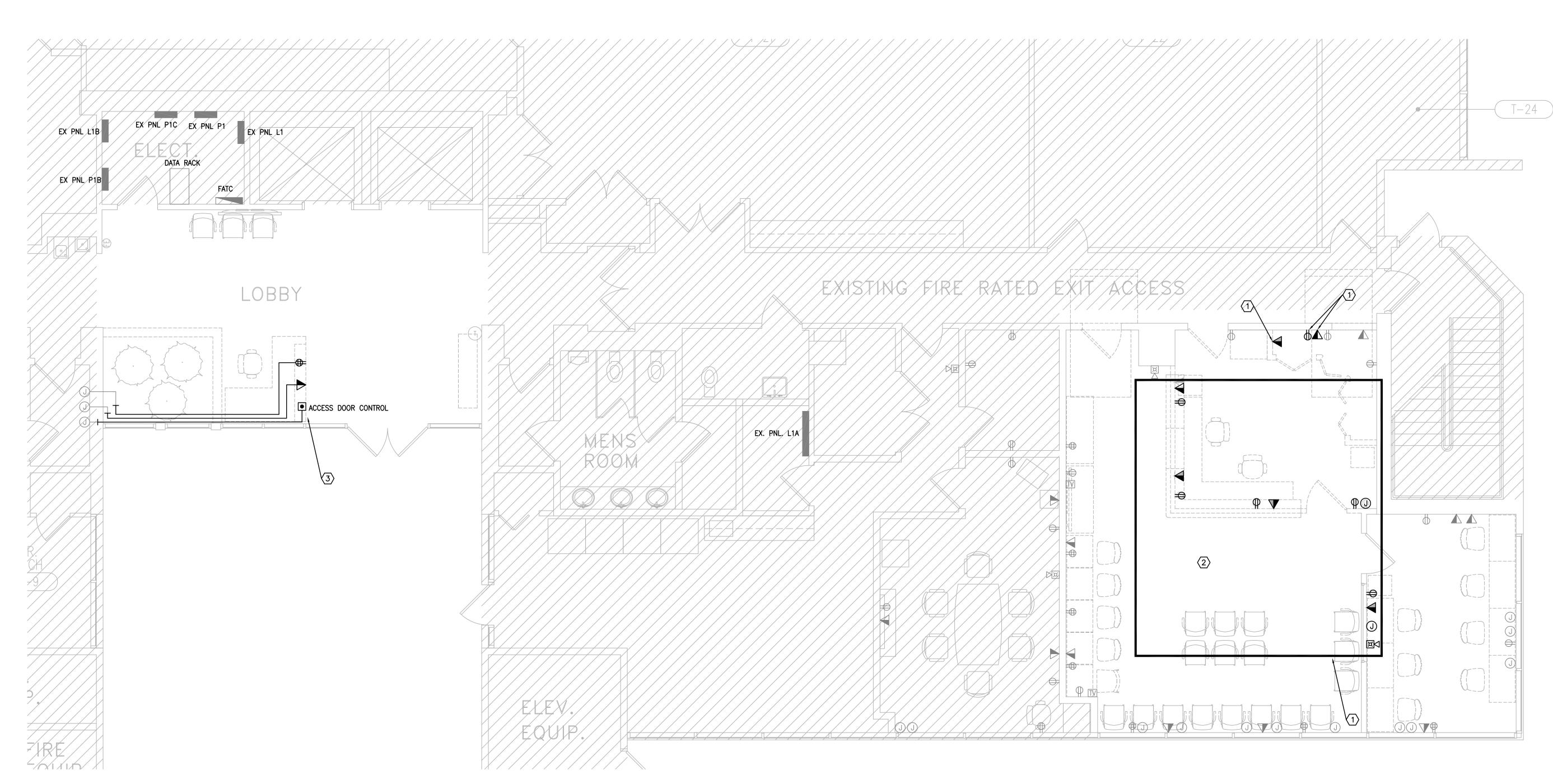
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Sheet Title:

Demolition Lighting Plan - Second Floor

ELD102



DEMOLITION POWER AND SYSTEMS PLAN - FIRST FLOOR

GENERAL NOTES:

- A. REFER TO DRAWING E001 FOR SYMBOL LEGENDS.
- B. REFER TO PROJECT MANUAL FOR SPECIFICATIONS.

PLAN KEY NOTES: (#)

- 1. REMOVE ELECTRICAL DEVICES AS REQUIRED TO FACILITATE INTERIOR WALL DEMOLITION. REFER TO NEW CONSTRUCTION PLANS FOR NEW LOCATIONS.
- 2. TRACE ALL CIRCUITS IN THIS AREA BACK TO THE PANELS THAT FEED THEM AND IDENTIFY SO THEY CAN BE RE-USED IN THE NEW SPACE.
- 3. REMOVE EXISTING CONDUIT AND WIRING FOR POWER, DATA AND SECURITY/DOOR ACCESS FROM EXISTING SECURITY DESK TO A POINT ABOVE CEILING. PREPARE TO RECONNECT AT NEW DESKS.



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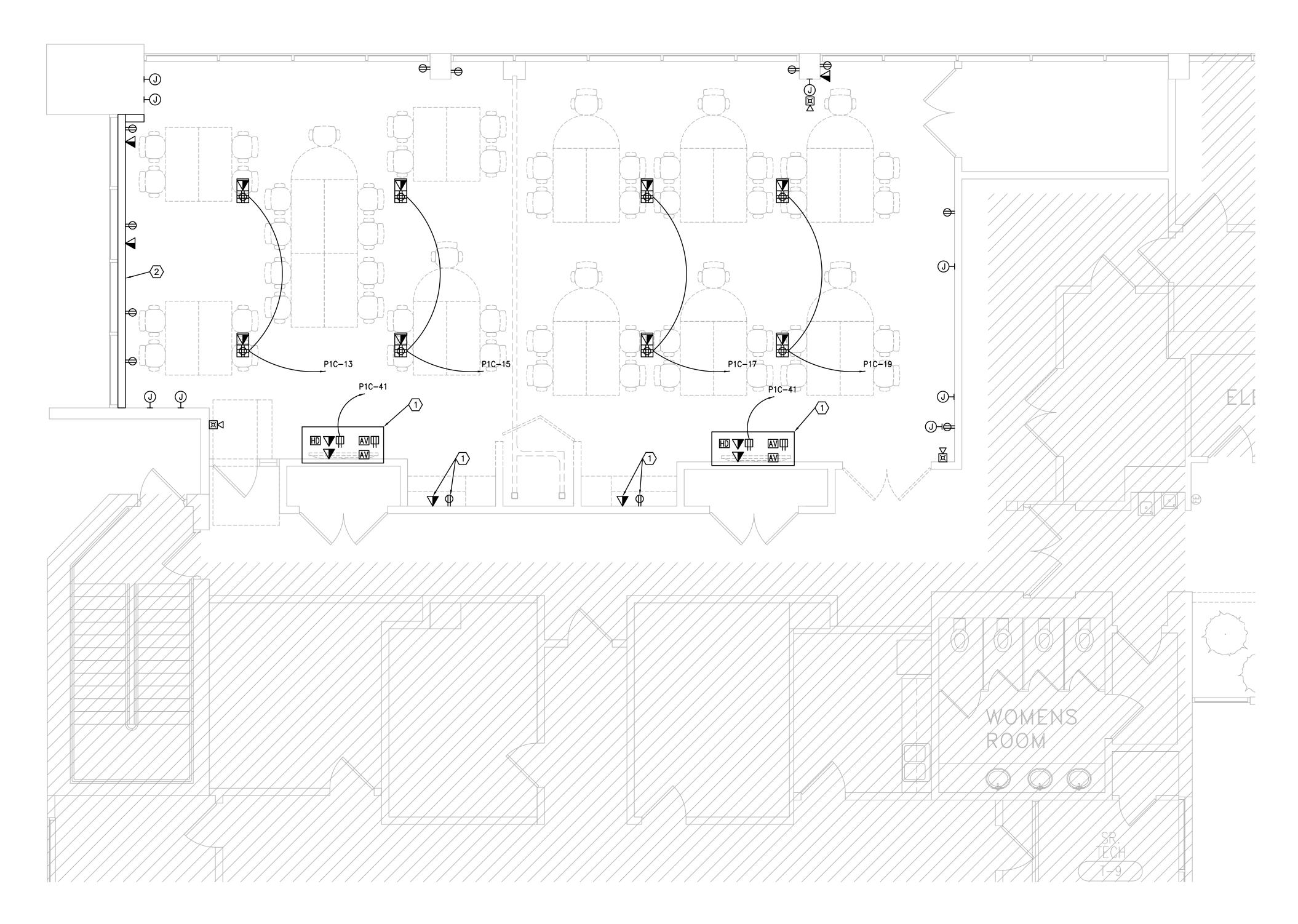
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Demolition Power and Systems Plan - First Floor

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EPD101A



DEMOLITION POWER AND SYSTEMS PLAN - FIRST FLOOR

GENERAL NOTES:

- A. REFER TO DRAWING E001 FOR SYMBOL
- B. REFER TO PROJECT MANUAL FOR SPECIFICATIONS.

PLAN KEY NOTES: (#)

- 1. REMOVE ALL ELECTRICAL FROM THIS WALL TO ABOVE CEILING OR TO NEXT DEVICE. REUSE
- 2. REMOVE WIREMOLD TRACK AND OUTLETS COMPLETE. REUSE CIRCUITS.



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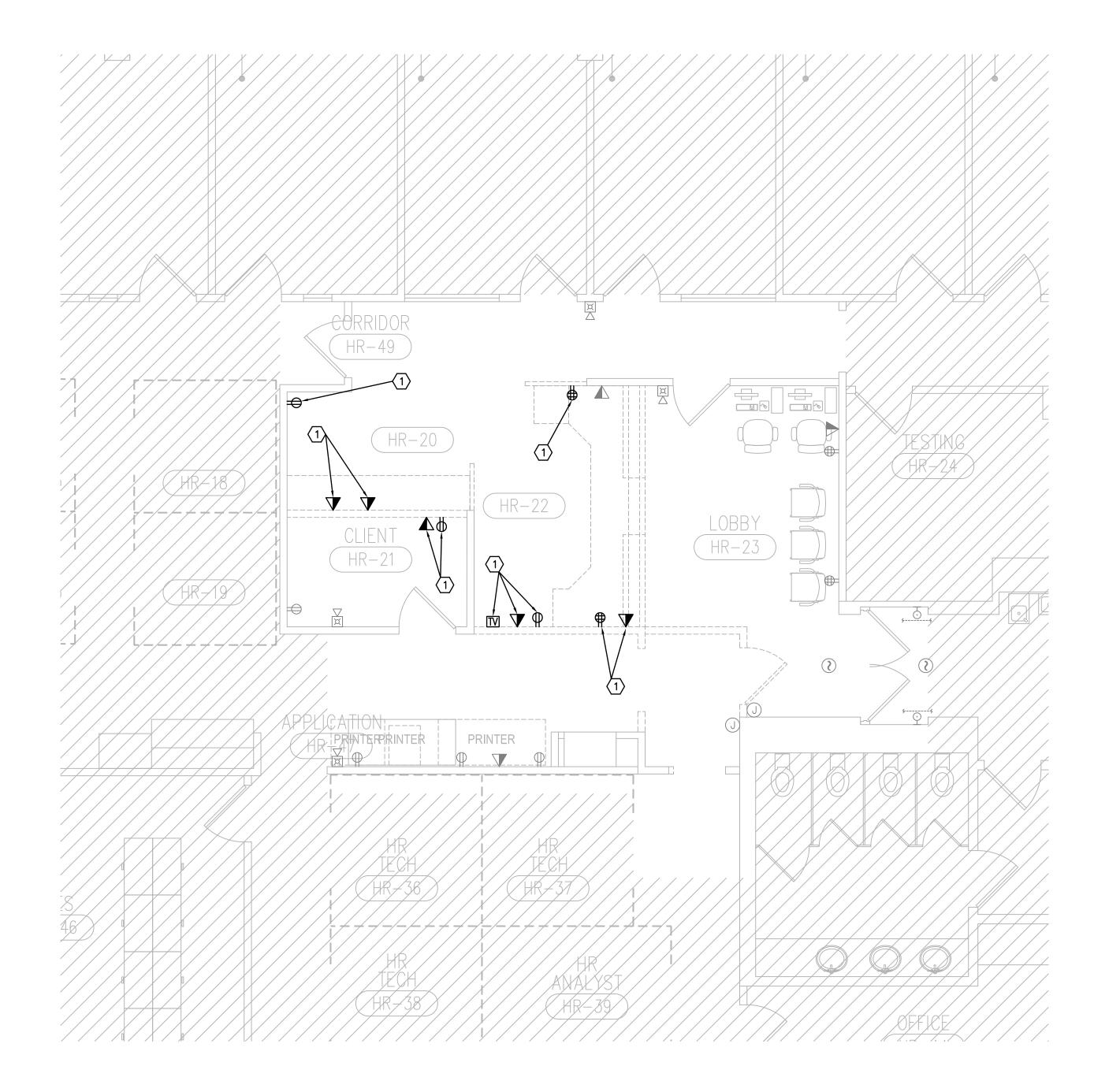
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Sheet Title:

Demolition Power and Systems Plan - First Floor

EPD101B



DEMOLITION POWER AND SYSTEMS PLAN - SECOND FLOOR

GENERAL NOTES:

- A. REFER TO DRAWING E001 FOR SYMBOL LEGENDS.
- B. REFER TO PROJECT MANUAL FOR SPECIFICATIONS.

PLAN KEY NOTES: (#)

1. REMOVE ELECTRICAL DEVICES AS REQUIRED TO FACILITATE INTERIOR WALL DEMOLITION. REFER TO NEW CONSTRUCTION PLANS FOR NEW LOCATIONS.

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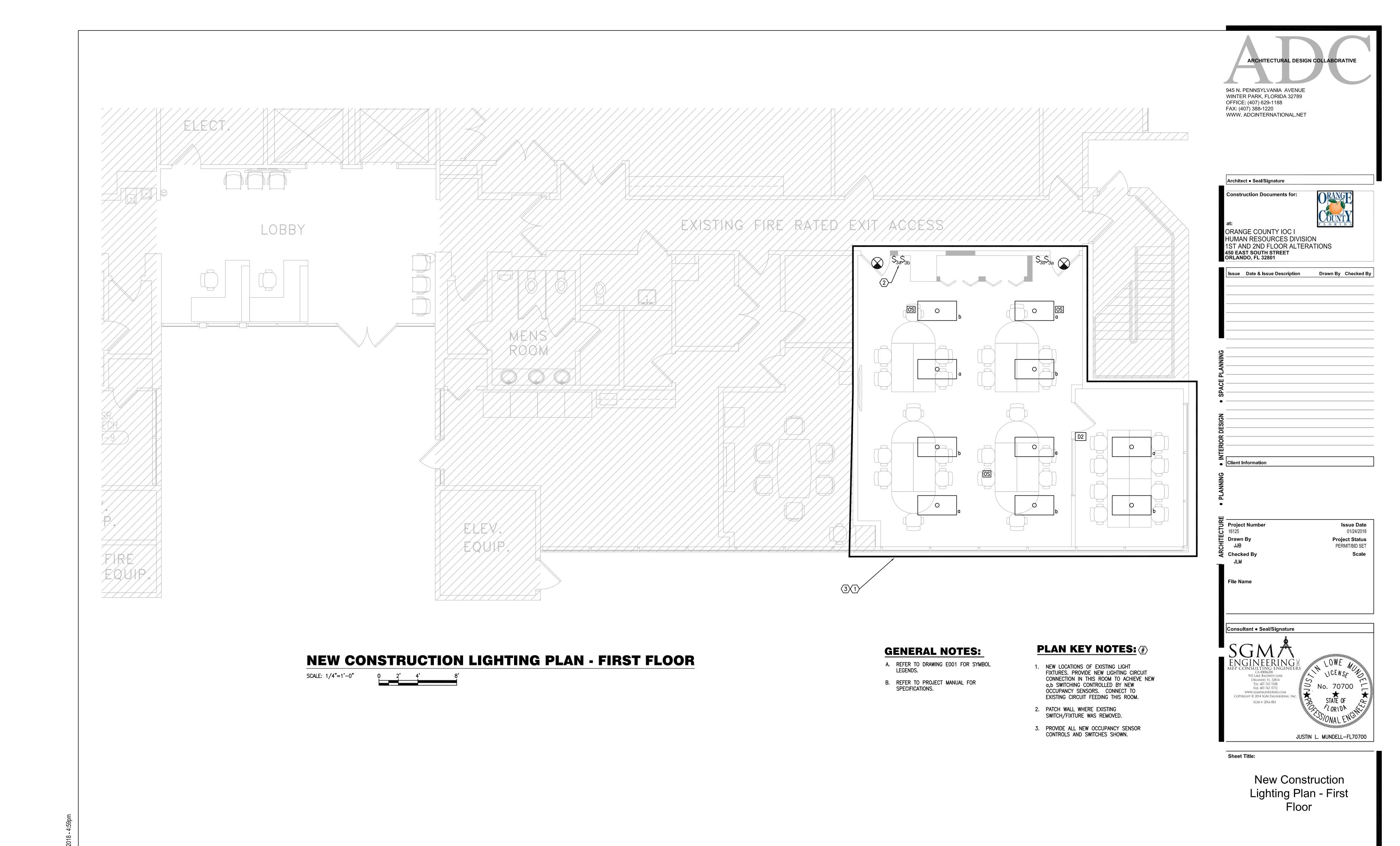
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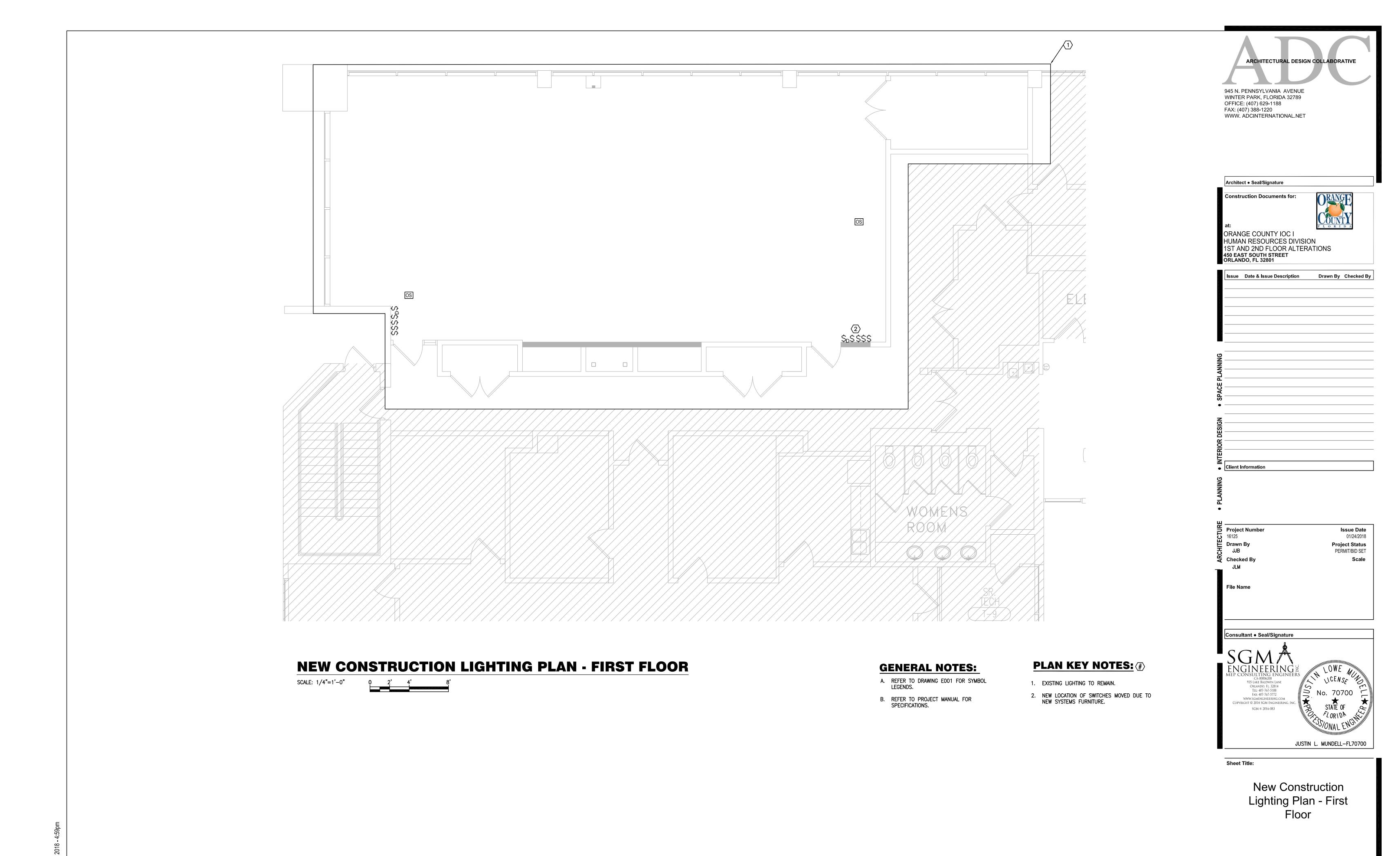
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Demolition Power and Systems Plan - Second Floor

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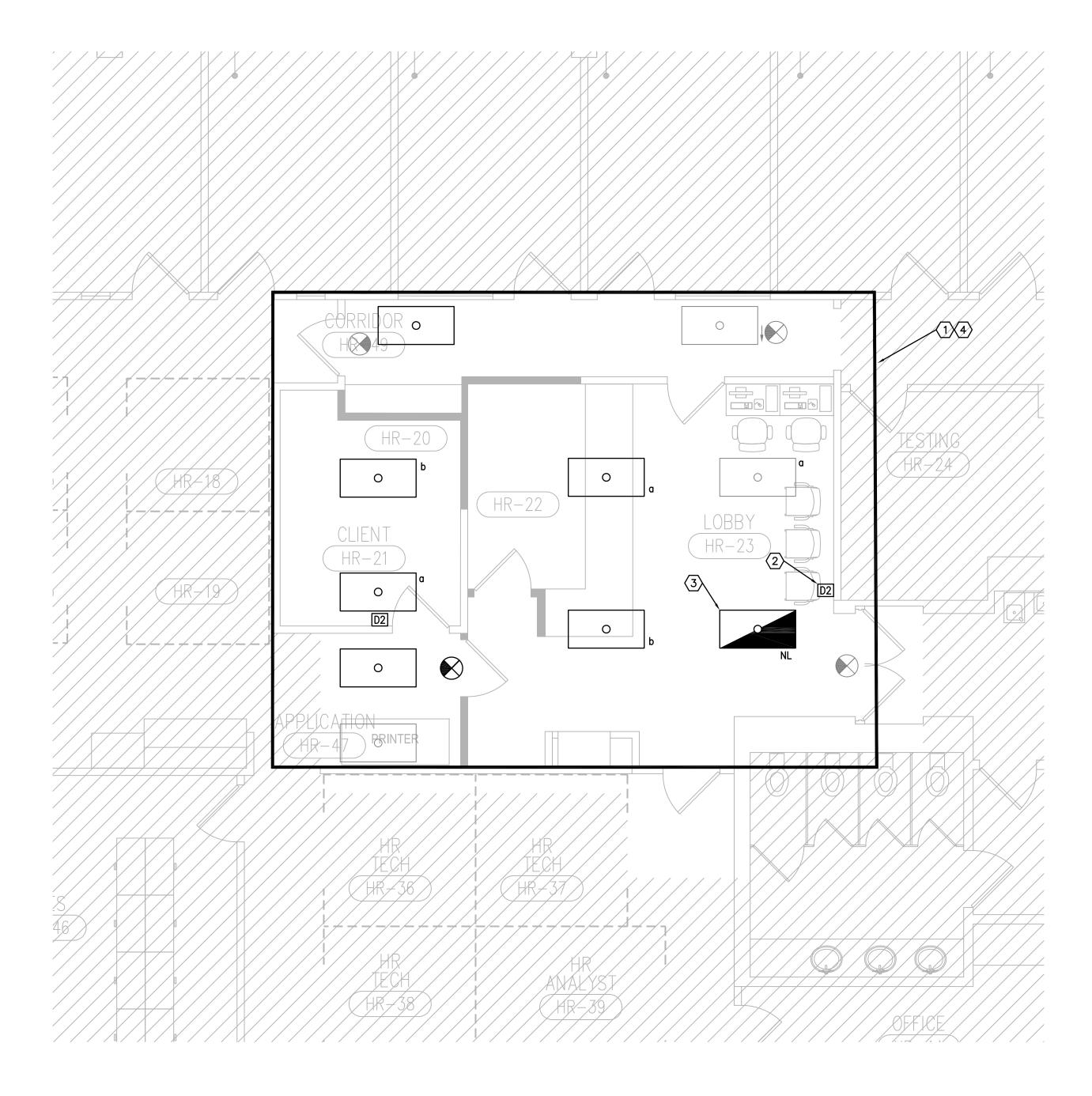


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NEW CONSTRUCTION ELECTRICAL PLAN - SECOND FLOOR SCALE: 1/4"=1'-0" 0 2' 4' 8'

GENERAL NOTES:

- A. REFER TO DRAWING E001 FOR SYMBOL LEGENDS.
- B. REFER TO PROJECT MANUAL FOR SPECIFICATIONS.

PLAN KEY NOTES: (#)

- 1. PROVIDE NEW LIGHTING CIRCUIT CONNECTION IN THIS ROOM TO ACHIEVE NEW a,b SWITCHING CONTROLLED BY NEW OCCUPANCY SENSORS. CONNECT TO EXISTING CIRCUIT FEEDING THIS ROOM.
- 2. INSTALL NEW SWITCH AT OLD SWITCH LOCATION. PATCH WALL WHERE NECESSARY.
- 3. CONNECT TO EMERGENCY NIGHT LIGHT CIRCUIT AHEAD OF ALL SWITCHING.
- 4. PROVIDE ALL NEW OCCUPANCY SENSOR CONTROLS AND SWITCHES.

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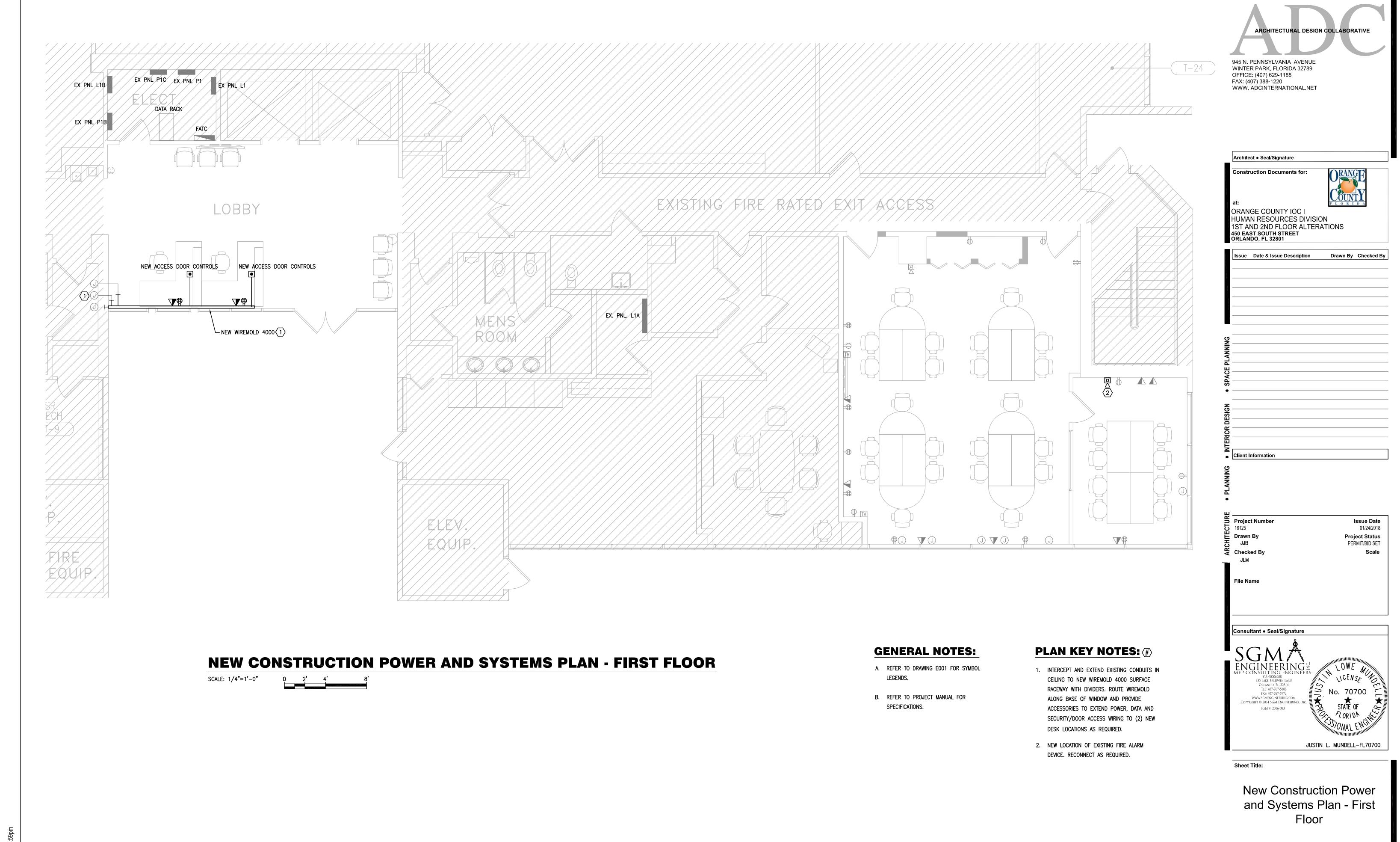
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New Construction Lighting Plan - Second Floor

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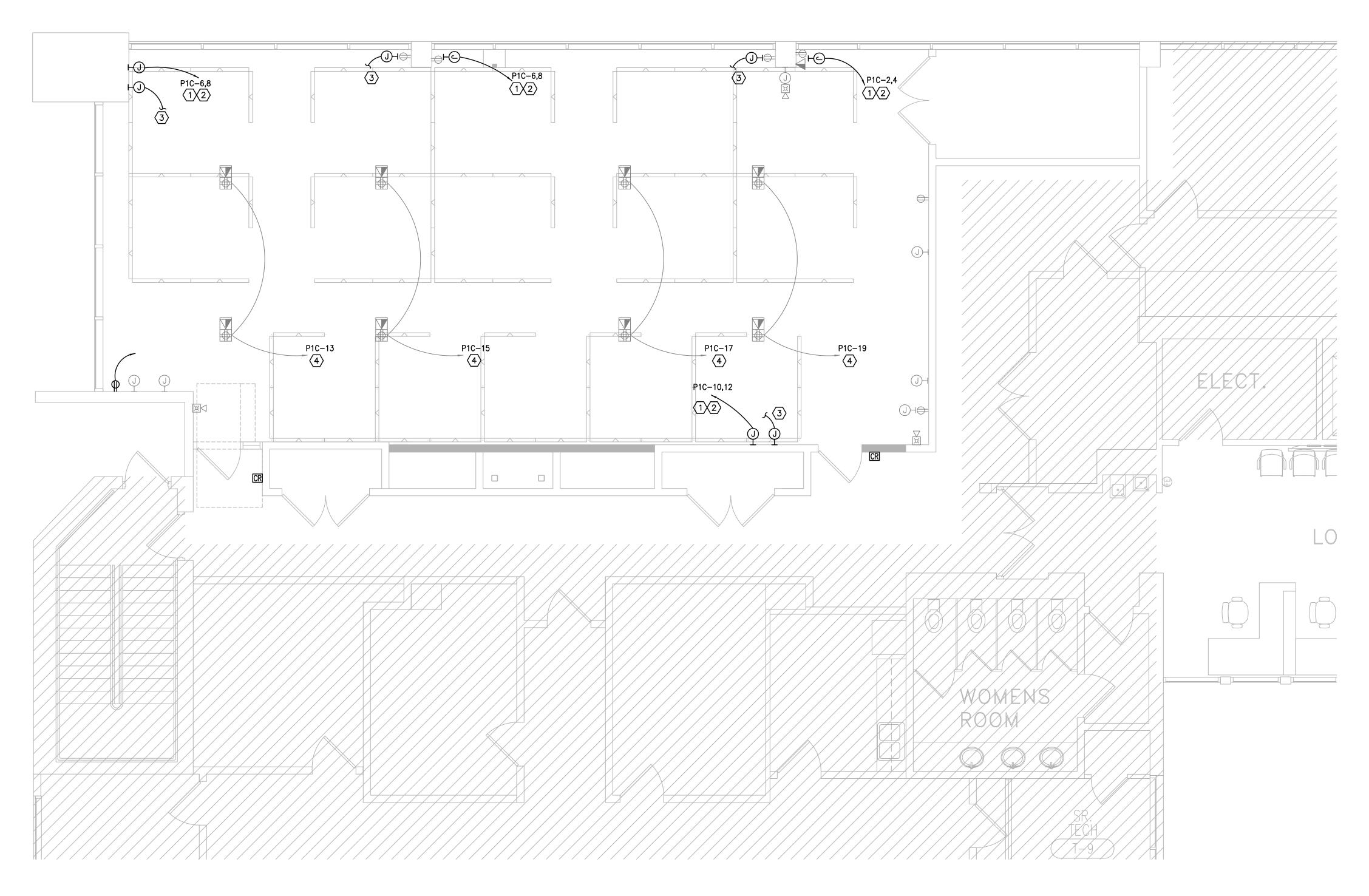
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EP201A

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NEW CONSTRUCTION POWER AND SYSTEMS PLAN - FIRST FLOOR

GENERAL NOTES:

- A. REFER TO DRAWING E001 FOR SYMBOL LEGENDS.
- B. REFER TO PROJECT MANUAL FOR SPECIFICATIONS.

PLAN KEY NOTES:

- 1. PROVIDE NEW CIRCUITS WITH DEDICATED NEUTRALS TO PANEL P1C AND PROVIDE NEW 20/1 C.B. IN PANEL. UPDATE PANEL
- 2. NEW CIRCUITS AND RACEWAYS SHALL BE "FISHED" DOWN CONCEALED WITHIN WALLS. MAKE CONNECTION TO NEW SYSTEMS FURNITURE IN ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS.
- 3. PROVIDE NEW 2-1/8" DEEP 4 SQ. BOX WITH (2) 1-1/4" CONDUITS TO CEILING SPACE.
- 4. EXISTING FLOOR BOXES WILL BE ABANDONED IN PLACE, ALL WIRING TO REMAIN FOR ANY FUTURE RECONFIGURATION OF THE SPACE BACK TO CONFERENCE ROOM. THIS SPARE CAPACITY IN PANEL P1C ALONG WITH THE WIREMOLD THAT WAS REMOVED SHALL BE USED FOR THE SYSTEMS FURNITURE CIRCUITS.



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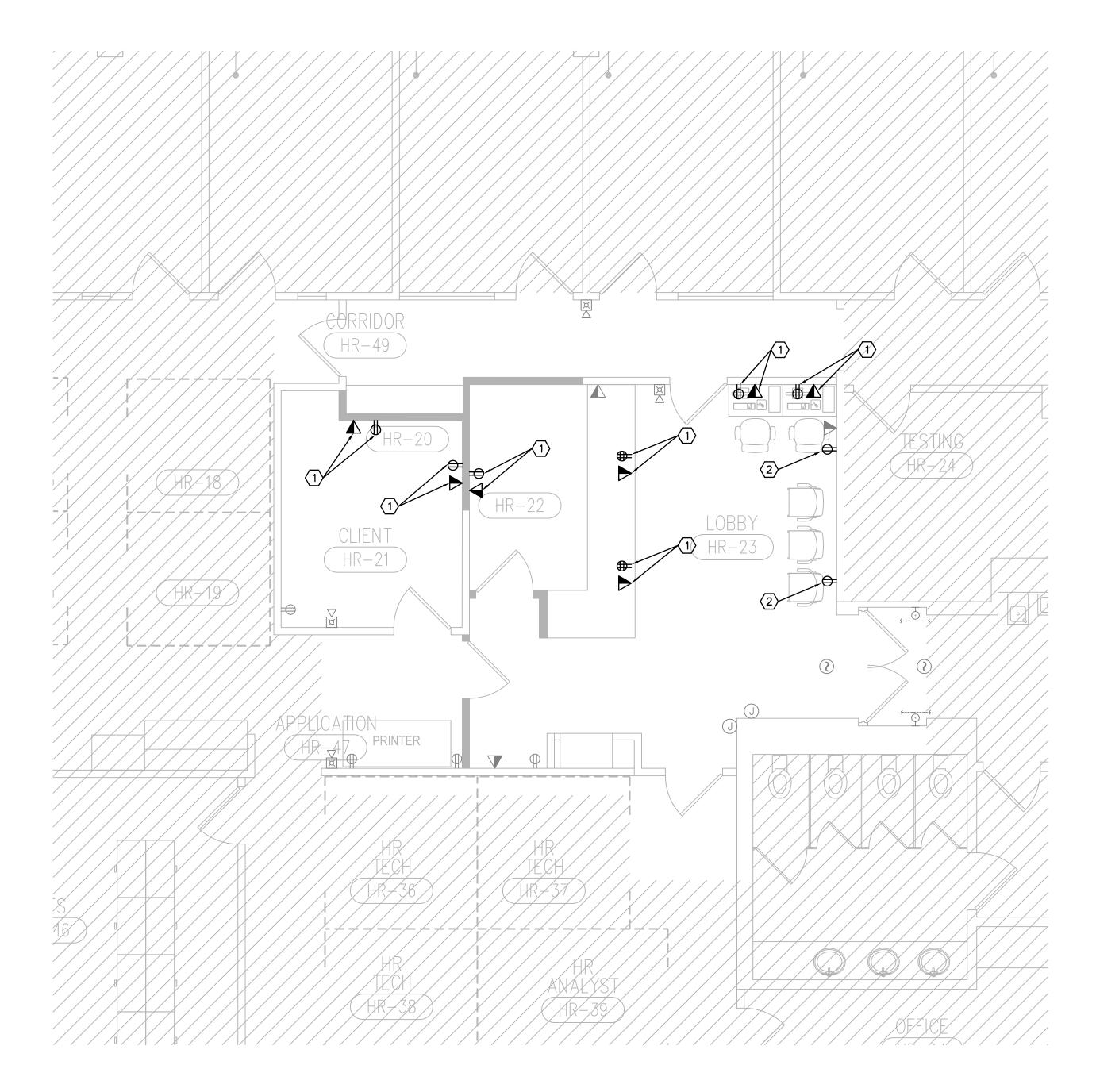
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New Construction Power and Systems Plan - First Floor

EP201B



NEW CONSTRUCTION POWER AND SYSTEMS PLAN - SECOND FLOOR SCALE: 1/4"=1'-0"

GENERAL NOTES:

- A. REFER TO DRAWING E001 FOR SYMBOL LEGENDS.
- B. REFER TO PROJECT MANUAL FOR SPECIFICATIONS.

PLAN KEY NOTES: (#)

- 1. PROVIDE NEW OUTLETS CONNECTED TO EXISTING CIRCUIT MADE AVAILABLE DURING DEMOLITION. NO NEW LOAD ADDED.
- 2. CHANGE EXISTING QUAD OUTLET TO DUPLEX AND EXTEND THIS CIRCUIT TO ADJACENT WALL FOR THE (2) NEW COMPUTER STATIONS.

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New Construction Power and Systems Plan -Second Floor

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