



Addendum #02 for RFB #942600-01

Project Name: DAS CC IDALS Hoover 5th Floor Renovation (SLFRF)

DAS RFB #: 942600-01

DAS Project #: 9426.00

Date: February 07, 2025

Addendum #2:

The original Project Manual and Drawings for the project noted above are amended as noted in this Addendum. Included in this Addendum are Specification, Architectural, & Engineering items.

Please review all sheets and incorporate them into your set of Contract Documents.

The receipt of this Addendum shall be acknowledged by inserting its number and date in the space provided on the Bid Form.

This Addendum consists of:

General Items:

- 1. Addendum Pages (3 Pages)
- 2. REVISED 00 4116 Bid Form (5 pages)
- 3. REVISED 00 3113 Preliminary Schedule (6 Page)
- 4. Drawings Sheets G1-21, A1-11, A1-21, A1-31, A1-41, M1-11, M2-11, E1-11, E2-11, E2-12, E2-21, E4-10, T2-11, T3-11 (14 Pages)

Clarifications to Specifications:

- 1. Bid Package #04 Mechanical and Plumbing
 - a. Lighting controls will not be revised, but Siemens will include scope that will be billed against the \$20,000 allowance to update graphics to accurately reflect new lighting and wall layouts.
 - b. As part of the controls scope Siemens will be providing the following:
 - i. (1) ZCU (VAV 5-0)
 - 1. Hot Water Valve and Actuator
 - 2. Aux Temp Sensor
 - 3. Room Temp Sensor
 - 4. Damper Actuator
 - 5. Siemens TEC (Controller not included / State to provide)
 - ii. (16) TEC Room Temperature Sensors
- 2. Remove Alternate #02

Changes to Specifications:

- 3. 01 1200 Contract Summary
 - a. **REVISE** 1.09, C, 6, b
 - i. Cabling, termination, testing and labeling of low voltage to be done by (ICN). Contractor
 - will be responsible to coordinate with owner, construction manager and ICN.
 - b. **REVISE** 1.09, C, 4, i
 - i. This contractor shall be responsible for providing pathways, circuiting, and power connections to all mechanical and electrical equipment and controllers. This contractor





shall coordinate with the trades providing the equipment and with the approved submittals. Connections to new VAV will be provided by Siemens as part of the \$20,000 allowance.

- c. **DELETE** 1.09, C, 6, c
- d. **DELETE** 1.09, D, 6, b
- **DELETE** 1.09, G e.
- **REVISE** 1.09, A, 7, a f.
 - i. The contractor shall be responsible for the procurement and installation of all doors, frames, and hardware. Contractor shall prioritize these submittals to ensure door frames arrive onsite in time to not impact wall framing. If frames do not arrive onsite in time for framing, contractor shall make provisions to header doors openings so framing can proceed.

Changes to Drawings:

6.

8.

- 1. Refer to revised Plan Sheet G1-21 Code Data and Code Data Plan
 - a. **Revised** furniture background to match newest furniture plan.
- 2. Refer to revised Plan Sheet A1-11 - Level 5 Demolition Plan
 - a. Added keynote D14.
- Refer to revised Plan Sheet A1-21 Level 5 Floor Plan 3.
 - a. Added keynote 23.
 - b. Revised dimension location near door H516B for clarity.
 - Added Sheet Note "All room and door signage by owner." C.
- Refer to revised Plan Sheet A1-31 Level 5 Reflected Ceiling Plan and Details 4. a. Revised light fixture line weights for clarity.
- 5. Refer to revised Plan Sheet A1-41 - Level 5 Finish Plan & Schedule
 - Revised Comments for CPT-1 and LVT-1. а
 - Revised detail 12 to remove overlapping gridline. b.
 - Refer to revised Plan Sheet M1-11 Fifth Floor Mechanical Demolition Plan
 - a. Added sheet note 6.
 - b. Added existing return duct locations.
- Refer to revised Plan Sheet M2-11 Fifth Floor Mechanical Plan 7.
 - a. Added sheet note 6.
 - Added existing return duct locations. b.
 - Refer to revised Plan Sheet E1-11 Level 5 Electrical Demolition Plan
 - a. Revised (2) single pole light switches to be keyed switches.
- Refer to revised Plan Sheet E2-11 Level 5 Power and Fire alarm Plan 9.
 - a. Relocated (1) floor box in open office H510.
 - b. Removed (1) floor box in open office H510.
 - c. Relocated (1) wall outlet in open office H510.
 - Added Wall receptacle in Office H542 and H548. d.
 - Added floor box to open office H564. e.
 - f. Revised keynote 9 to be keynote 7 in open office H510.
 - Added keynote 22. g.
- 10. Refer to revised Plan Sheet E2-12 Level 5 Power Device Dimensions
 - a. Relocated (1) floor box in open office H510.
 - b. Removed (1) floor box in open office H510.
 - Relocated (1) wall outlet in open office H510 C.
 - d. Added floor box to open office H564.
 - e. Added keynote 22.
- 11. Refer to revised Plan Sheet E2-21 Level 5 Lighting Plan
 - a. **Removed** single pole switch and keynote 21.
- 12. Refer to revised Plan Sheet E4-10 Electrical Symbols, Schedules, and Details
 - **Updated** loading for panels 5P4 and 5P1. a.
 - **Updated** loading, circuit breaker notes, and existing circuit 44 to be utilized by new circuit in b. panelboard 5P2
 - Update to light fixture type XA to clarify new bulbs to be provided by owner, installed by contractor C. and disposal costs are the responsibility of the contractor.





- d. Update to light fixture type XD to clarify disposal costs are the responsibility of the contractor.
- e. **Update** to light fixture type XR to clarify disposal costs are the responsibility of the contractor.
- f. Added notes to XA and XR to clean fixture lenses.
- 13. Refer to revised Plan Sheet T2-11 Level 5 Technology Plan
 - a. Updated data outlets in Offices H512 & H514.
 - b. **Updated** data outlets in Open Office H510.
 - c. Updated data outlets in Open Office H538.
 - d. **Updated** data outlets in Office H540
 - e. **Updated** data outlets in Office H542
 - f. **Updated** data outlets in Offices H548, H550, H552, & H554.
 - g. **Updated** data outlets in Offices H568, H574, H576, H578, H584, and H580.
 - h. **Updated** keynote #20.
- 14. Refer to revised Plan Sheet T3-11 Technology Enlargements and Details
 - a. **Removed** data outlet in H560 and H562.

SECTION 00 4116

BID FORM – REVISED ALT. 02

The Bid Form must be submitted online through the State's <u>IMPACS Electronic Procurement</u> <u>System</u>.

RFB #942600-01

BID FORM for CONSTRUCTION CONTRACT

Hoover Building

1305 East Walnut Street Des Moines, Iowa 50319 Proiect 9426.00

Iowa Department of Administrative Services Hoover State Office Building, Level 3 1305 East Walnut Street Des Moines, Iowa 50319-0105

The following information is to be completed and submitted with your bid..

- 1. Bid Form Completed and Signed (to be uploaded with bid submission)
- 2. Non Discrimination Clause Information
- 3. Contractor Targeted Small Business Enterprise Pre-Bid Contract Information
- 4. Bid Security 5% of total Bid amount (to be uploaded with bid submission)

Authorized Representative:

The undersigned Bidder, in response to your Request for Bid for construction of the above project, having examined the Drawings, Specifications, and other Bidding Documents dated January, 21, 2025, and Addenda issued and acknowledged below as received and being familiar with all the conditions surrounding the construction of the proposed project including the availability of materials and labor, hereby proposes to furnish all labor, materials, equipment and supplies to perform all work to construct the project in strict accordance with the proposed Contract Documents, within the time and at the prices stated below. Prices are to cover all expenses incurred in performing the work required under the proposed Contract Documents, of which this bid is a part.

Bidder acknowledges receipt of the following Addenda which are a part of the Bidding Documents and for which any effect on cost of the Work is included in the bid amounts indicated:

Number _____ ____ ____

Dated

Note that the State of Iowa is exempt from State and Local sales and use taxes (including local option and school option) for this project. Taxes on construction materials shall NOT be included in the bid amounts.

Amounts shall be indicated in both words and figures. In case of discrepancy, the amount indicated in words shall govern.

BID PACKAGES:

BP 01

Description: General Construction

Bidder proposes and agrees to perform all work as described in the Construction Documents for the sum of:

Dollars

(\$_____).

BP 02

Description: Flooring

Bidder proposes and agrees to perform all work as described in the Construction Documents for the sum of:

Dollars

(\$_____).

BP 03

Description: Electrical, Low Voltage, and Fire Alarm

Bidder proposes and agrees to perform all work as described in the Construction Documents for the sum of:

(\$_____).

BP 04

Description: Mechanical and Plumbing

Bidder proposes and agrees to perform all work as described in the Construction Documents for the sum of:

(\$_____).

Dollars

Dollars

BP 05

Description: Fire Sprinkler

Bidder proposes and agrees to perform all work as described in the Construction Documents for the sum of:

(\$_____).

ALTERNATES:

ALT 01

Description: Sound Masking

Bidder proposes and agrees to perform all work as described in the Construction Documents for the sum of:

(\$).
(D)).

Bidder hereby certifies that:

- 1. This bid is genuine and is not made in the interest of or on behalf of any undisclosed person, firm or corporation;
- Bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid; Bidder has not solicited or induced any person, firm or corporation to refrain from bidding; and Bidder has not sought by collusion to obtain any advantage over any other bidder or over the Owner.
- 3. Bidder hereby certifies that the Bidder is registered with the Iowa Labor Commissioner as a Contractor as required by Chapter 91C, Code of Iowa.
- 4. Bidder agrees to comply with all Federal and State Affirmative Action/Equal Employment Opportunity requirements concerning fair employment and will not discriminate between or among them by reason of race, color, religion, sex, national origin or physical handicap.
- 5. All construction under this Contract shall conform to the requirements of the *Iowa State Building Code*.
- 6. Bidder agrees that this bid shall remain valid and shall not be withdrawn for a period of thirty (30) calendar days after the date for receipt of bids.
- 7. Bidder agrees that if written notice of acceptance of this bid is mailed, emailed, or delivered to the undersigned within thirty (30) days after the date in which bids are due, or at any time thereafter before it is withdrawn, the undersigned will sign and return the Contract Agreement, prepared in accord with the Bidding Documents and this bid as accepted; and will also provide proof of insurance coverage and required surety bonds.
- 8. Bidder understands that the Owner reserves the right to reject any and all bids, and to waive irregularities or informalities and enter into a contract for the work, as the Owner deems to be in the best interest of the State.
- Bidder understands that the Owner reserves the right to accept any, or no, Alternate Bid, if requested, and that the Alternate Bids may be considered in any order or combination, and the low Bidder shall be determined on the basis of the sum of the base bid and any Alternate(s) accepted.

Dollars

Dollars

Subcontractors:

The Trade Contractor must identify all Subcontractors and Suppliers within 48 hours of the published date and time for which bids must be submitted, in accordance with Iowa Code Section 8A311, as amended by House File 646 in 2011. Subcontractors and suppliers may not be changed without the approval of the Owner. Requests for changing a Subcontractor or supplier must identify the reason for the proposed change, the name of the new Subcontractor or supplier, and the change in the subcontractor or supplier price as a result of the change. Any reduction in subcontractor or supplier price as a result of the change, if the change is approved by the Owner, shall be deducted from the Trade Contract Price via a deductive Change Order. Any such changes, if approved by the Owner, which result in an increase in the Trade Contract Price shall be borne by the Trade Contractor.

Enforcement of Reciprocal Resident Bidder Preference, per Iowa Code 73A.21.

All bidders shall either check the box next to "Resident Bidder" or check the box next to "Nonresident Bidder" and by doing so and signing thereafter certifies and attests to the same. All information requested must be provided. Seek out the advice of an attorney if you have questions.

"Resident Bidder" means a person or entity authorized to transact business in of the State of Iowa and having a place of business for transacting business within the State of Iowa at which it is conducting and has conducted business for at least three years prior to the date of the first advertisement for the public improvement. Note, however, that if a nonresident bidder's state or foreign country has a more stringent definition of a resident bidder, the more stringent definition is applicable as to bidders from that state or foreign country.

Resident Bidder

Name of Resident Bidder: _____

By: ______ Authorized Agent and Signatory of Resident Bidder

OR:



Nonresident Bidder

Name of Nonresident Bidder: ____

Name of State or Foreign Country of Nonresident Bidder:

Particularly identify and describe any preference, labor preference, or any other type of preferential treatment, in effect in the nonresident bidder's state or foreign country at the time of this bid:

NOTICE: Nonresident Bidders domiciled in a state or country with a resident labor force preference shall make and keep, for a period of not less than three years, accurate records of all workers employed on the public improvement. The records shall include each worker's name, address, telephone number when available, social security number, trade classification, and the starting ending time of employment. By: ______

Authorized Agent and Signatory of Nonresident Bidder

REQUIRED: Bid Form shall be signed by an officer of the company with authority to bind in a contract. Notice of acceptance of this bid, or request for additional information by the Department of Administrative Services, may be addressed to the undersigned at the address set forth below:

Legal Name of Firm:
Date:
Signature of Bidder:
Title:
Typed Name of Signatory:
Email:
Business Address:
Telephone Number: Fax Number:
Federal Tax Identification Number:
Iowa Contractor Registration Number:
Bidder Safety Manager Name:
For an out-of-state Bidder, Bidder certifies that the Resident Preference given by the State or
Foreign Country of Bidder's residence,, is,

END OF SECTION

SECTION 00 3113

PRELIMINARY SCHEDULE – ADD. 02

PART 1 - GENERAL

1.01 SECTION INCLUDES

- A. Preliminary Construction Schedule
- B. Schedule Durations

1.02 PRELIMINARY SCHEDULE

- A. A preliminary schedule has been identified by the Owner for the implementation of the Project. Refer to the schedule following this Section for references to anticipated milestones and construction duration.
- B. Each step of the Preliminary Schedule is subject to receipt of acceptable bids, Owner's decision process and date of commencement.
- C. A proposed construction schedule shall be submitted by all Trade Contractors to the Construction Manager no later than 48 hours prior to the pre-construction meeting. A revised Construction Schedule will be submitted by the Construction Manager once all preliminary schedules are reviewed and approved by the Owner.
- D. The final construction schedule will be established post award of bids with the cooperation of all contractors.

1.03 SCHEDULE DURATIONS

- A. Anticipated Notice of Intent to Award 02/12/2025
- B. Anticipated Date of Commencement 02/26/2025
- C. Substantial Completion by 06/05/2025 (REVISED ADD. 02)

PART 2 - PRODUCTS – NOT USED

PART 3 - EXECUTION – NOT USED

END OF SECTION

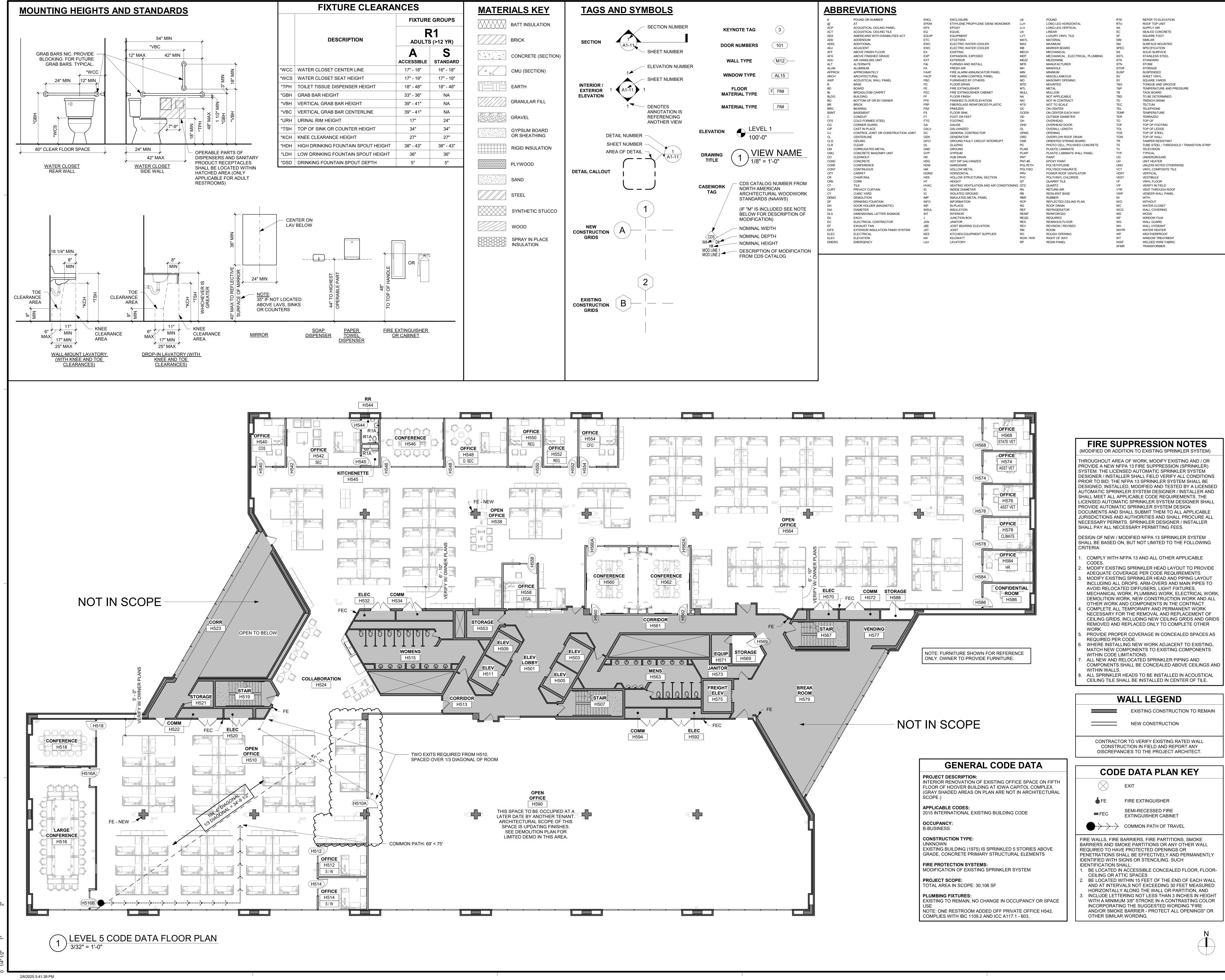
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24	10	26-Feb-25	11-Mar-25 0	Contractor Sit	te Specific Safety Plans Submitted	:			Contrac	tor Site	Speci	fic Safe	ety Plan	s Submitt	ed		:					
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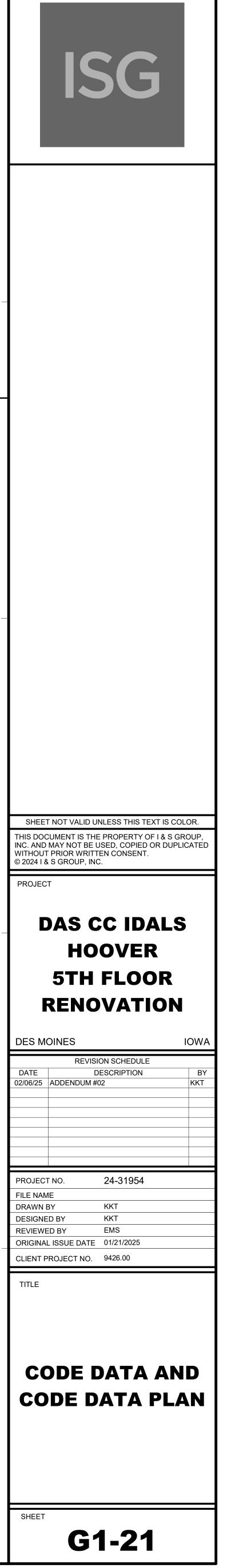
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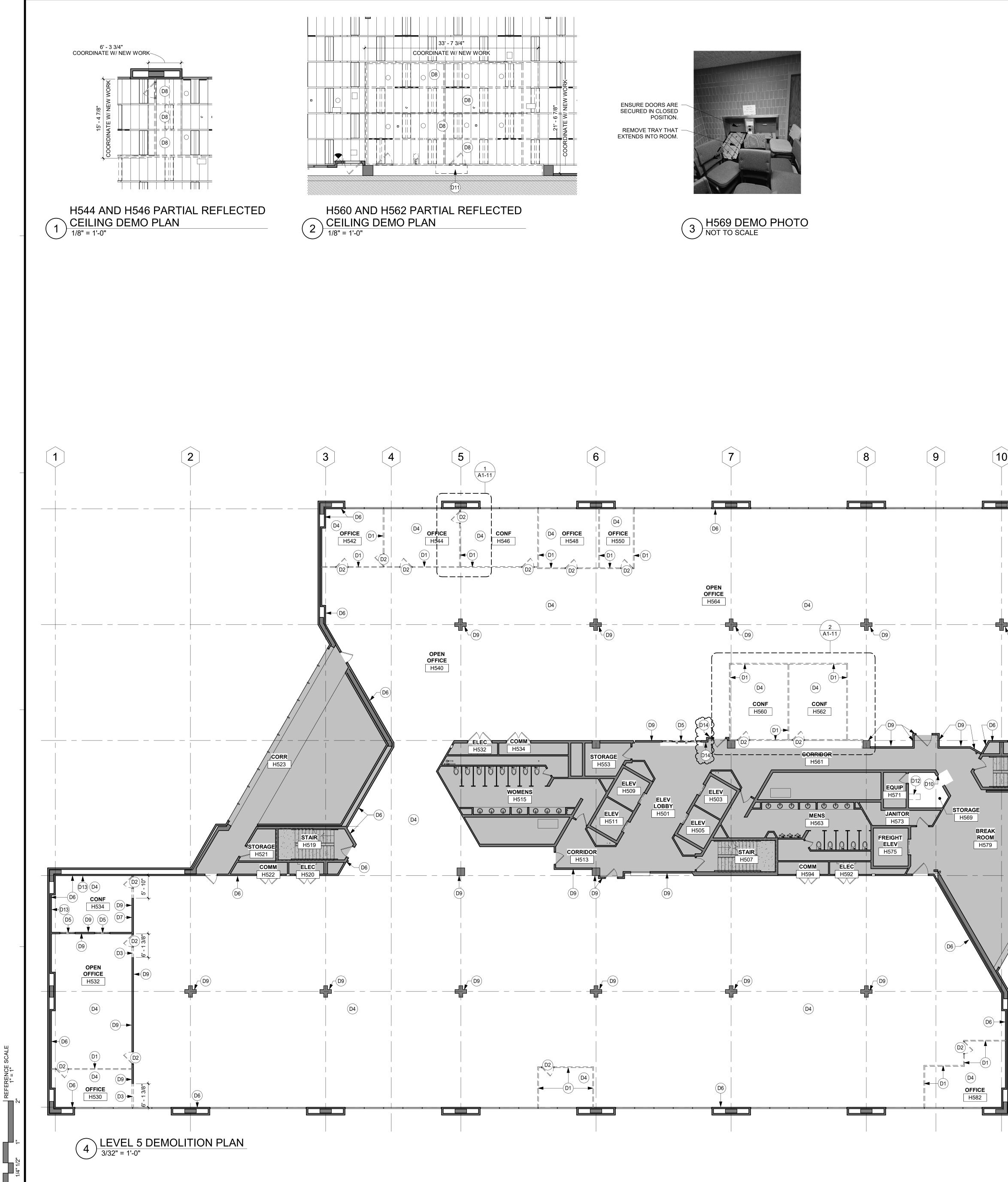
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39	5	10-Mar-25	14-Mar-25 0	Carpet Base	and Mastic Removal North			1		t Base a	nd M	lastic Remova	al North		-						
30	1	17-Mar-25	17-Mar-25 0	WallLayoutN		- :				LayoutNo			1								
91	1	18-Mar-25	18-Mar-25 0	Furniture Layo						iture Layo		orth	: 4	* *							
92	0	10 110 20	18-Mar-25 0	-	eview with DAS North			1		-		w with DAS N	orth	1	1						
93	5	19-Mar-25	25-Mar-25 0	Frame New V		- :		1		rame Nev	1			1	1 1 1						
94	1	19-Mar-25	19-Mar-25 0	Door Frame I				1		br Frame I											
95	5	20-Mar-25	26-Mar-25 0		rhead Rough-Ins North	- 1			-	1		nead Rough-I	ns North								
96	3	21-Mar-25	25-Mar-25 0		(itchenette Exhaust Fan Rough-In							chenette Exh		idh-In							
97	6	26-Mar-25	02-Apr-25 0		Rough-In North	-						LV Rough-In		ight fit							
98	2	26-Mar-25	27-Mar-25 0		Wall Plumbing Rough-In							Vall Plumbing			-						
99	1	26-Mar-25	26-Mar-25 0	Hard Lid Fran				1		Hard Lid F		•	i to ug n-in	1	:						
00	10	26-Mar-25	08-Apr-25 0		ical & LV Core Drilling North			1		1	1	Electrical & LV		North	5 5 5						
00					tural Supports						i-		•	1,NOIU1							
	2	26-Mar-25	27-Mar-25 0		aurai Suppons	;		1	U :		uuq	ural Supports	1	1	1						
	Actual Wo	ork 📃	Critical R	emaining W	Page 3	of 5				TASK	(filte	r: Hide Done	Activities.								

426.	Demesiaire	Chart	Liniah	A attivity (N a mar	ctivity Name DCI - Print								07-Feb-25 11:29 AM April 2025 May 2025 June 2025 July 2025 August 202							
¥	Remaining Duration	Start	Finish	Activity Name	,	H									0 1 2		uly 2025		-	
)2	10	26-Mar-25	08-Apr-25 0 [,]	Mechanical C	verhead Rough-Ins North	F									ugh-Ins		• [• • [=			
)3	5	26-Mar-25	01-Apr-25 0 [,]	Fire Sprinkler	Modifications North			1	ļ	Fire	Sprinkle	er Mod	ificatio	ons N	orth	1		: : :		
)4	1	27-Mar-25	27-Mar-25 0	Sprinkler Rou	gh-In at Hard Lids			1		Sprinkler Rough-In at Hard Lids										
)5	5	27-Mar-25	02-Apr-25 0 [,]	ALT 01 - Sou	nd Masking Install North			1		ALT	01 - Se	pund N	/laskin	g Ins	tall North	า่		1		
)6	1	28-Mar-25	28-Mar-25 0	Electrical Rou	igh-In at Hard Lids					Electri	cal Rou	igh-In a	at Har	d Lid	s					
)7	2	03-Apr-25 (04-Apr-25 0 [,]	In-Wall Blocki	ng North			1	i	In-	Wall Blo	ocking	North							
)8	0		04-Apr-25 0	DIAL In-Wall	Inspection North					♦ DI/	AL In-V	Vall Ins	pectio	n No	rth					
)9	8	07-Apr-25 (16-Apr-25 0 [,]	Drywall Hang	and Finish North			1			Dryw	vall Hai	ng and	d Fini	sh North					
10	0		08-Apr-25 0 [,]	DIAL In-Wall	and Above Ceiling Inspection North			1	:	♦ D	DIAL In-	Wall a	nd Abo	ove C	eiling In	specti	on North			
11	5	09-Apr-25 (15-Apr-25 0 [,]	Paint 1st and	2nd Coat Ceilings North			!			Paint	t 1st ar	nd 2nd	l Coa	t Ceiling	s Nor	th			
12	5	09-Apr-25 (15-Apr-25 0 [,]	Drywall Hang	and Finish North Hard Lids			1			Dryw	all Har	ng and	l Fini	sh North	Hard	Lids			
13	5	16-Apr-25 (22-Apr-25 0 [,]	Mechanical T	rimout North			1			— M	lechan	ical Tri	mou	North	1				
14	3	16-Apr-25 (18-Apr-25 0 [,]	Mechanical F	lough-In at Hard Lids				1		Me	chanic	al Rou	ıgh-lı	n at Haro	Lids				
15	4	17-Apr-25 (22-Apr-25 0	Prime and Fir	st Coat Paint Walls North						P	rime ar	nd Firs	t Co	at Paint V	Walls	North	-		
16	5	17-Apr-25 (23-Apr-25 0 [,]	Pull Circuits N	lorth	Ï	Pull Circuits North													
17	5	17-Apr-25 (23-Apr-25 0 [,]	Pull LV Circui	ts North		Pull LV Circuits North Aluminum Frames and Gla Hang Doors													
18	5	23-Apr-25 (29-Apr-25 0 [,]	Aluminum Fra	ames and Glazing Install	-							Glazing	g Install	:					
19	5	23-Apr-25 (29-Apr-25 0	Hang Doors									1							
20	5	23-Apr-25 (29-Apr-25 0 [,]	Millwork Insta	II			1				Millw	ork Ins	stall		1		1		
21	5	23-Apr-25 (29-Apr-25 0	Plumbing Trin	nout							Plum	bing T	Trimo	ut	+				
22	10	23-Apr-25 (06-May-25 (Carpet & LVT	Install North			1				с	arpet	& LV	T Install I	North				
23	1	23-Apr-25 (23-Apr-25 0 [,]	Acoustical Ce	illing Grid			1			ΙA	coustic	cal Ce	iling	Grid					
24	5	23-Apr-25 (29-Apr-25 0 [,]	Electrical Trim	out North			1				Elect	rical Tr	imou	t North			1		
25	1	24-Apr-25 (24-Apr-25 0 [,]	Mechanical F	lough-Ins at ACT			2 2 2	:			Mechai	nical F	Roug	n-Ins at A	λСΤ		5 5 5		
26	2	24-Apr-25 (25-Apr-25 0	Electrical and	LV Rough-Ins at AC T			!			0	Electric	al and	JLV	Rough-Ir	ns at A	СТ			
27	0		25-Apr-25 0		Ceiling Inspection North ACT										ng Inspe			т		
28	1	28-Apr-25 (28-Apr-25 0	ACT Install							I	ACT	Install			1				
29	0	05-May-25		Written Appro	val for Final Paint North							• W	ritten A	Appro	val for F	inal P	aint Nort	h		
30	5	05-May-25	09-May-25 (Final Paint No	orth								Final F	Paint	North			-		
31	4	08-May-25	13-May-25 (Vinyl Base No	orth								Viny	l Bas	e North	+				
32	2	14-May-25	15-May-25 (Final Clean				, ; ;					Fina	al Cle	ean			:		
33	10	14-May-25	28-May-25 (Owner Sched	ule Contingency										vner Sch	edule	Conting	ency		
34	Close	eout						- - 			1	1 1 1		1		1	-			
	Actual V	/ork	Critical R	emaining W	Page 4 d	of F		1	1	<u>т</u> л	ASK filte	or Lid	e Don		tivities	1		1		
		ng Work 🔶	 Milestone 	-	Page 4 0	C IC					NON IIII				uviues.		© Orac			

	.00 IDALS Ho					DCI - Pr	rint								-	7-Feb-2		
#	Remaining Duration	Start	Finish	Activity Name					March 2025 0 0 1 2		il 2025	May 2 2 0 1		June 2025			August	202
135	1	29-May-25	29-May-25 (Punch List			Ē	. [- [Punch List		<u> - - -</u>		<u> </u>
136	5	30-May-25	05-Jun-25 0	Punch List Co	rrection			 						Punch L		ction		
37	15	30-May-25	19-Jun-25 0	Furniture Insta				1		:		1 1 1			urniture I			
138	0		05-Jun-25 0		ut Conference			1				1		♦ Owner C	1		ence	
39	0		05-Jun-25 0	Subtantial Co								1		Subtanti				
140	5	13-Jun-25	19-Jun-25 0	LV Test and Te				1				1 1 1			/ Test an	d Termi	nate	
141	1	19-Jun-25	19-Jun-25 0	Owner Furnitu	re Punch		t de la	 				-		10	wner Fur	niture P	unch	
142	2	20-Jun-25	23-Jun-25 0	Furniture Pun	h List Corrections							1			Furniture	Punch	List Co	rre
143	5	24-Jun-25	30-Jun-25 0	Owner Move-I	n			1		:		1 1 1	:		Owne	er Move	-In	
144	0		30-Jun-25 0	Owner Occupa											Owne			



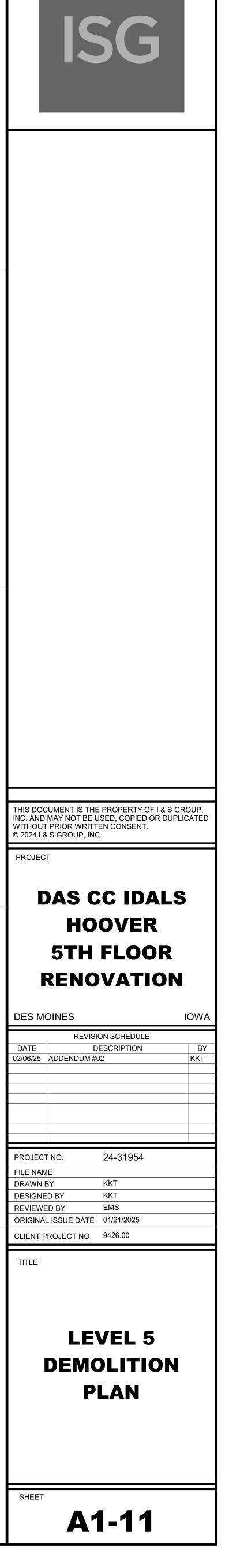




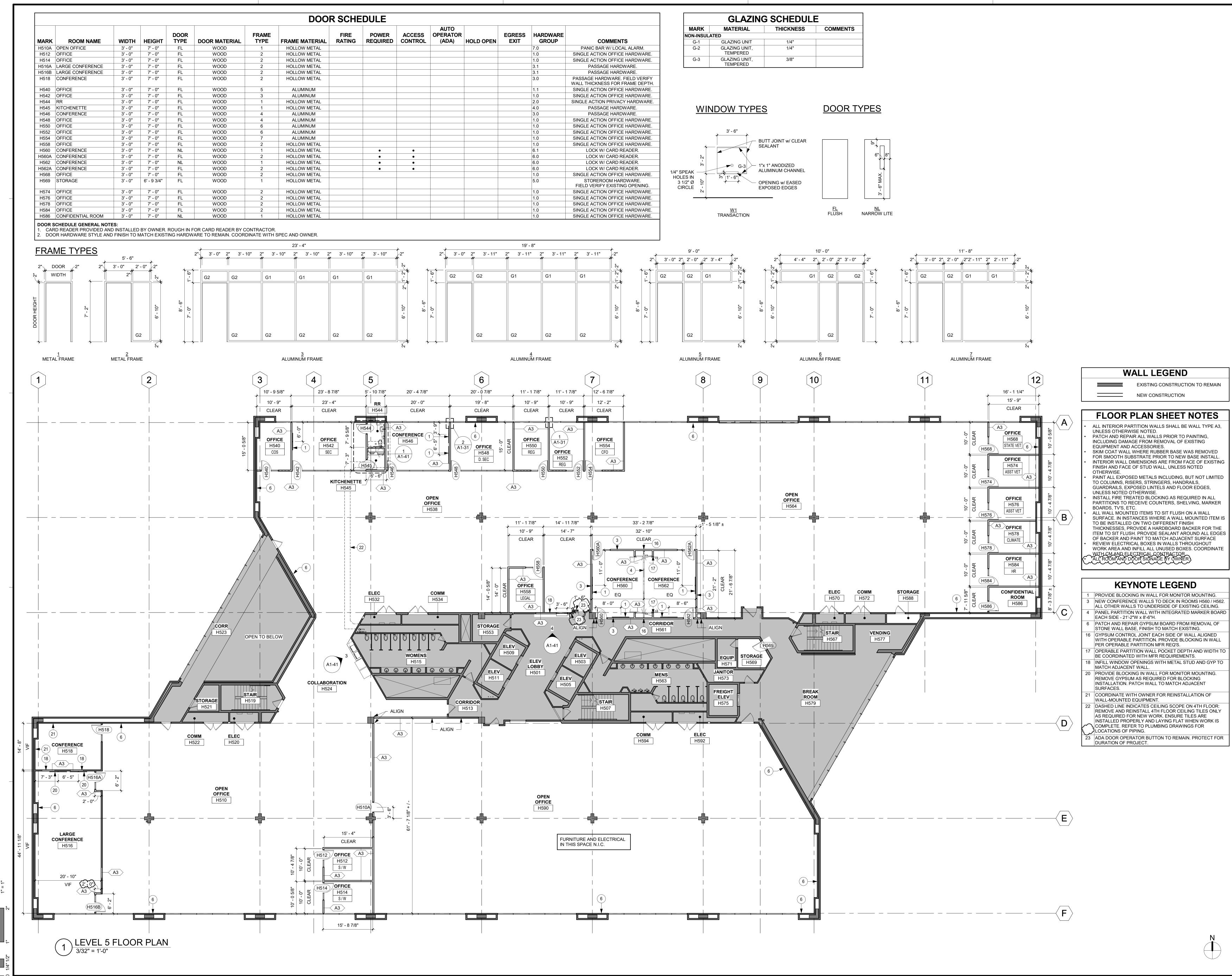
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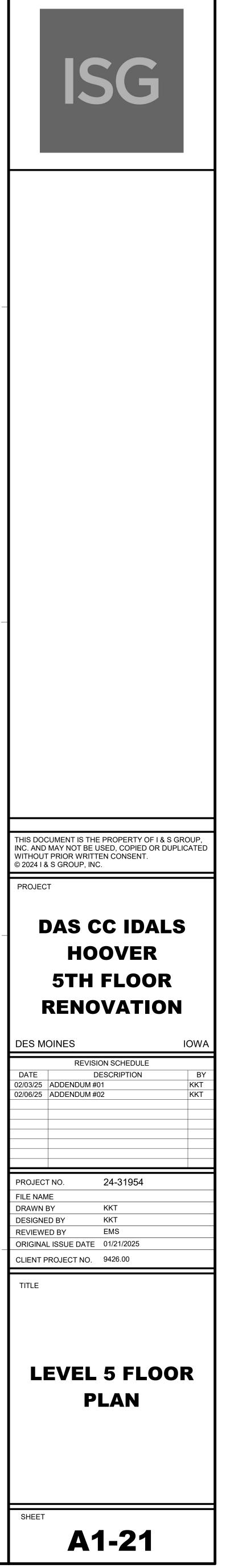
	WALL LEGEND
	EXISTING CONSTRUCTION TO REMAIN
	DEMOLITION SHEET NOTES
	A. EXISTING CONDITIONS SHOWN ON DRAWINGS REPRESENT CURRENT BUILDING. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO EXAMINE THE DRAWINGS AND FIELD VERIFY EXISTING CONDITIONS TO DETERMINE SCOPE OF DEMOLITION WORK REQUIRED TO COMPLETE THE REMODELING WORK INDICATED ON THE DRAWINGS PRIOR TO PERFORMING WORK. ADDITIONAL WORK THAT IS REQUIRED, WAS VISIBLE, AND COULD HAVE BEEN IDENTIFIED DURING BIDDING SHALL BE COMPLETED BY THE RESPONSIBLE TRADE CONTRACTOR(S) AT NO ADDITIONAL
	 RESPONSIBLE TRADE CONTRACTOR(S) AT NO ADDITIONAL COST TO THE OWNER. B. REPORT ANY DISCREPANCIES TO THE ARCHITECT FOR REVIEW. WORK DONE WITHOUT RESOLUTION OF DISCREPANCIES MUST BE REDONE AT THE REQUEST OF THE ARCHITECT AT NO ADDITIONAL COST TO THE CONTRACT. C. DEMOLITION OF ANY EXISTING CONSTRUCTION SHALL INCLUDE WHAT IS NECESSARY AND REQUIRED TO ACCOMMODATE THE REQUIREMENTS OF NEW
	ACCOMMODATE THE REQUIREMENTS OF NEW CONSTRUCTION. D. ALL LOOSE FURNISHINGS (CHAIRS, TABLES, DESKS, ETC.) SHALL BE REMOVED AND RE-INSTALLED BY THE OWNER UNLESS NOTED OTHERWISE. E. ALL CORING THRU EXISTING FLOORS, WALLS & CEILINGS SHALL BE PERFORMED BY THE CONTRACTOR REQUIRING THE SAME. F. ALL ROOF PENETRATIONS SHALL BE PERFORMED BY THE
	 F. ALL ROOF PENETRATIONS SHALL BE PERFORMED BY THE TRADE REQUIRING THE SAME. PATCHING & FLASHING ROOF SHALL BE PERFORMED BY THE ROOFING CONTRACTOR. G. VERIFY WITH OWNER FOR ITEMS TO BE SALVAGED BEFORE STARTING DEMOLITION WORK. H. COORDINATE DEMOLITION OF LOAD BEARING WALLS & STRUCTURAL ELEMENTS WITH STRUCTURAL PLANS. I. CONSTRUCT DUST PROOF PARTITIONS TO SEPARATE AREAS OF CONSTRUCTION FROM ADJACENT OCCUPIED AREAS
	OUTSIDE SCOPE OF CONSTRUCTION. J. AT OPENINGS IN EXISTING MASONRY WALLS, REMOVE EXISTING WALL TO NEAREST MASONRY JOINT. SEE FLOOR PLAN FOR OPENING SIZES. SAWTOOTH INTO EXISTING JAMB. MATCH ADJACENT FINISHES, UNLESS NOTED OTHERWISE. K. REQUIRED MEANS OF EGRESS FROM THE BUILDING SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION WHEN THE BUILDING REMAINS OCCUPIED. IN THE EVENT
	 THAT AN EXISTING MEANS OF EGRESS CANNOT BE MAINTAINED, THE PRIME CONTRACTOR SHALL PROVIDE AN APPROVED TEMPORARY MEANS OF EGRESS. L. MAINTAIN THE INTEGRITY OF ALL EXISTING RATED ELEMENTS, FIRE SEAL ANY PENETRATIONS WITH U.L. APPROVED ASSEMBLY. M. CONTRACTOR IS TO VERIFY THE EXACT LOCATION OF ALL EXISTING UTILITIES PRIOR TO DEMOLITION ACTIVITIES. N. DO NOT INTERRUPT EXISTING UTILITIES, EXCEPT WHEN
^	 N. DO NOT INTERROPT EXISTING UTILITIES, EXCEPT WHEN AUTHORIZED IN WRITING BY AHJ. PROVIDE TEMPORARY SERVICES DURING INTERRUPTIONS TO EXISTING UTILITIES, AS ACCEPTABLE TO GOVERNING AUTHORITIES. O. WHEN UTILITY SERVICES ARE REQUIRED TO BE REMOVED, RELOCATED, OR ABANDONED, PROVIDE BYPASS CONNECTIONS TO MAINTAIN CONTINUITY OF SERVICE BEFORE PROCEEDING WITH REMOVAL. P. WHERE EXISTING INTERIOR PARTITIONS ARE REPLACED OR
0 11	12 REMOVED, REMOVE MEP SYSTEMS BACK TO PANEL, OR MECHANICAL ROOM OR FARTHEST POSSIBLE POINT WITHOUT DISTURBING EXISTING CONSTRUCTION, REMOVE EXISTING MECHANICAL EQUIPMENT, RELOCATE POWER PER MEP DRAWINGS Q. ALL WALLS IN EXISTING ROOMS IN WHICH WORK IS
D1 OFFICE H578 (OCCURRING: A) REPAIR HOLES, DEFECTS, ETC. IN EXISTING WALLS; B) AT REPAIRS AND UNPAINTED CMU, PROVIDE BLOCK FILL PAINT AND TWO FINISH COATS OF PAINT; C) PROVIDE ONE FINISH COAT OF PAINT OVER EXISTING PAINTED WALLS. R. PROTECT ALL DEVICES AND EQUIPMENT TO REMAIN OR BE SALVAGED. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS.
	Image: Second state state Image: Second
D4 OPEN OFFICE H576	D2 REMOVE/DEMOLISH EXISTING DOOR AND FRAME. D3 CUT HOLE IN EXISTING WALL TO INCORPORATE NEW WORK. D4 REMOVE EXISTING FLOOR COVERING, PREP SURFACE FOR NEW FINISH. D5 REMOVE/DEMOLISH EXISTING WINDOW GLAZING AND FRAME.
	B D6 REMOVE/DEMOLISH EXISTING STONE BASE THROUGHOUT WORK AREA (NIC). PATCH AND REPAIR WALL AND PREPARE FOR NEW FINISHES. D7 REMOVE WHITEBOARD. PATCH AND REPAIR WALL. D8 REMOVE AND SALVAGE EXISTING CEILING GRID, TILES, AND ACCESSORIES - TURN OVER TO OWNER. REFER TO ELECTRICAL FOR EXISTING LIGHT FIXTURES. D9 REMOVE / DEMOLISH EXISTING VINYL BASE THROUGHOUT
	D9 REMOVE / DEMOLISH EXISTING VINTE BASE THROUGHOUT WORK AREA. SKIM COAT WALL AND PREPARE FOR NEW BASE. D10 REMOVE EXISTING HOLLOW METAL FRAME AND PREPARE OPENING FOR NEW DOOR AND FRAME. D11 DEMOLISH PORTION OF BULKHEAD AS REQUIRED FOR NEW OPERABLE PARTITION WALL AND POCKET INSTALLATION. COORDINATE WITH PARTITION WALL MFR REQ'S FOR POCKET
ELEC COMM H570 H572	C C C C C C C C C C C C C C C C C C C
STAIR H567 H577	
	E
	F

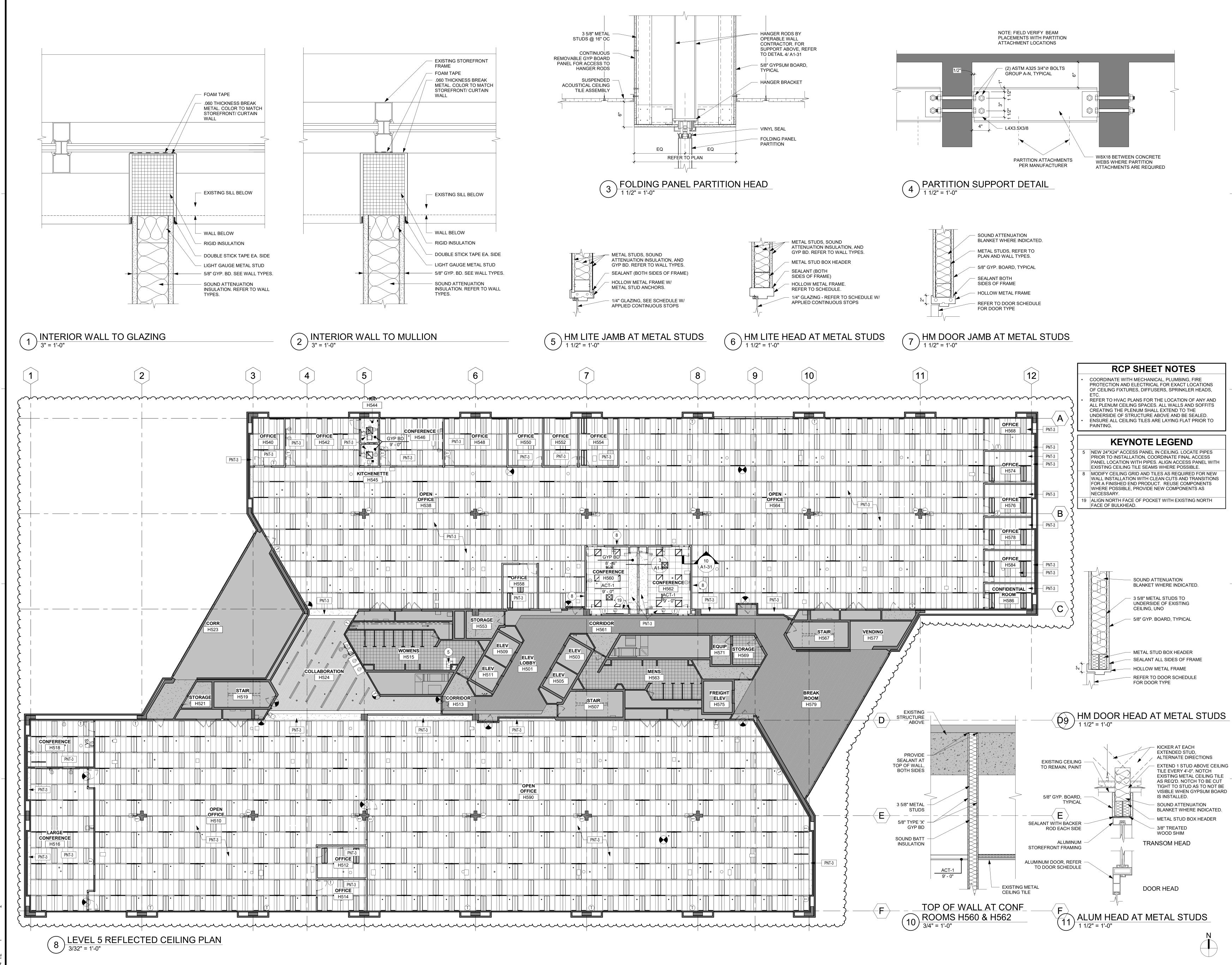


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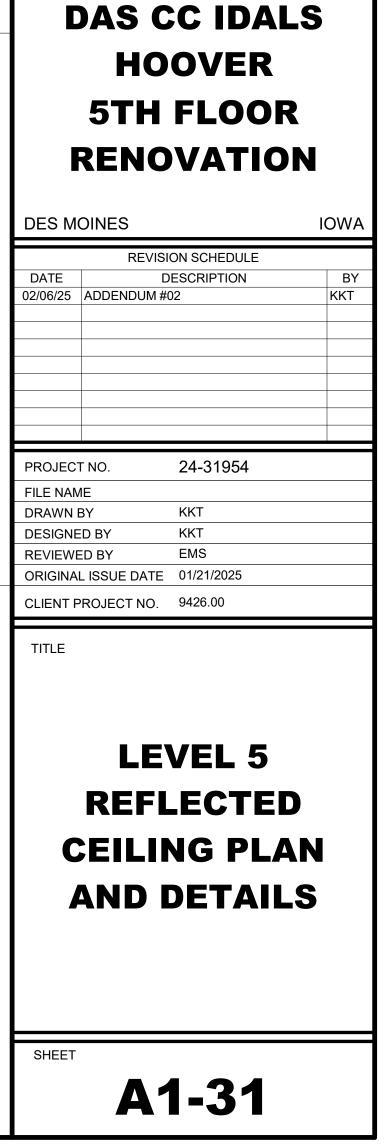


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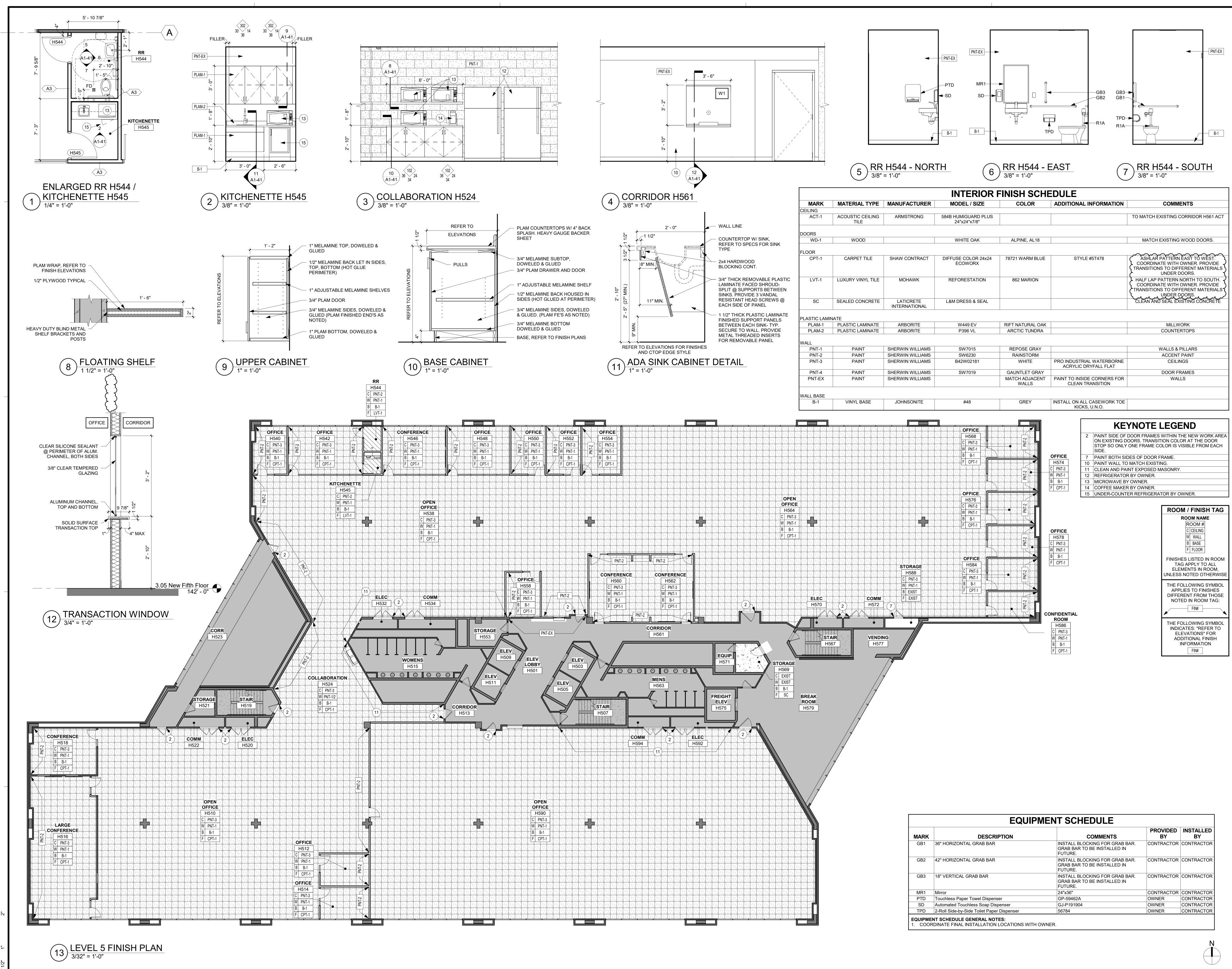


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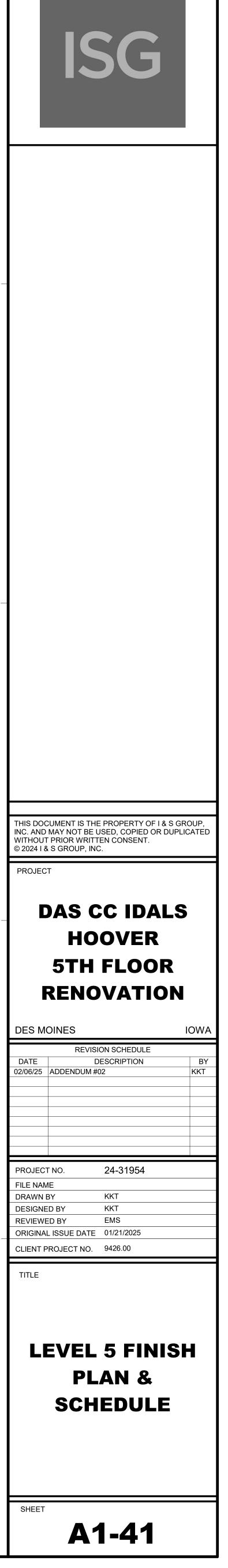
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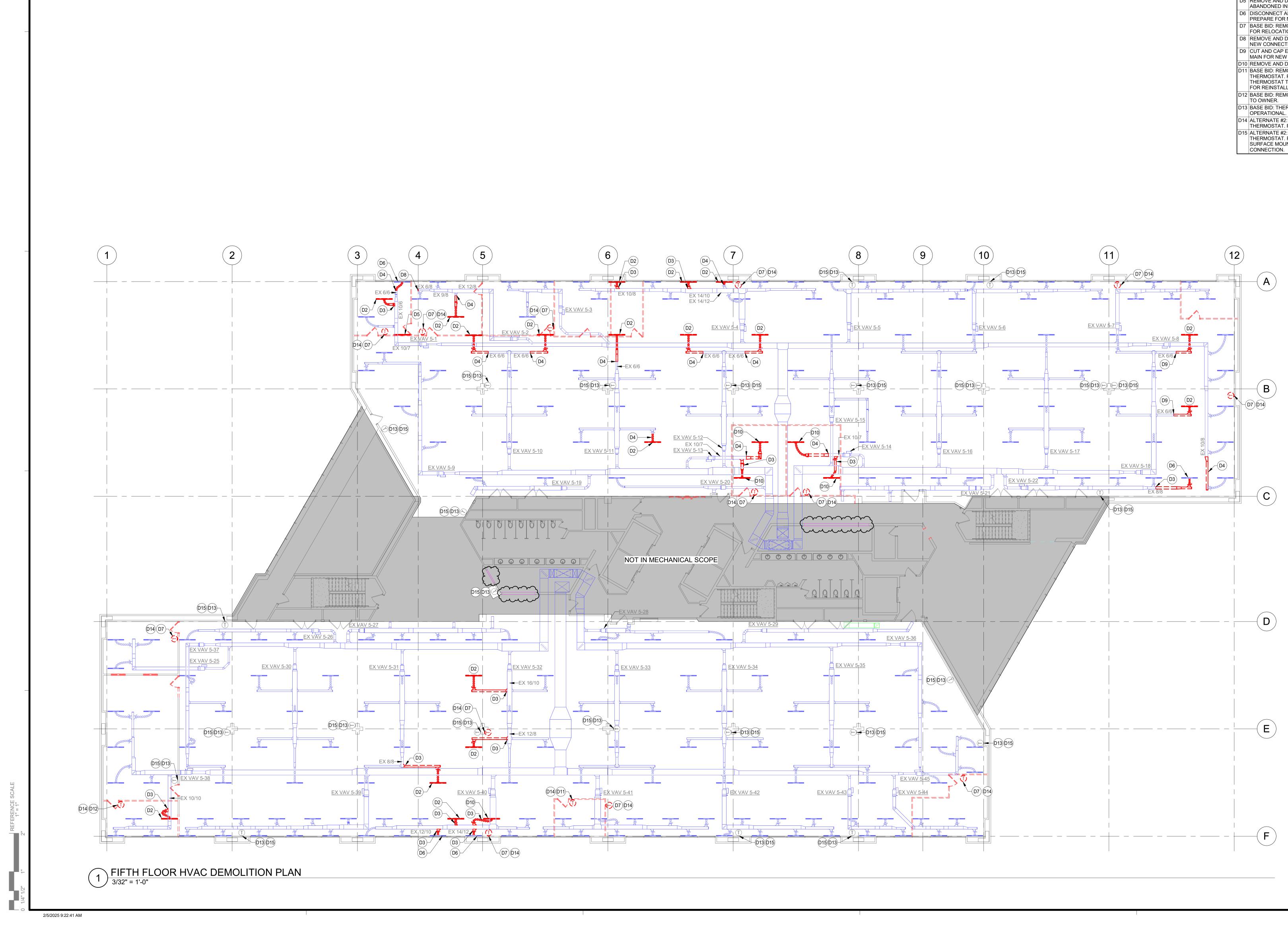
PROJECT



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	EQUIPMENT SCHEDULE									
MARK	DESCRIPTION	COMMENTS	PROVIDED BY	INSTALLED BY						
GB1	36" HORIZONTAL GRAB BAR	INSTALL BLOCKING FOR GRAB BAR. GRAB BAR TO BE INSTALLED IN FUTURE.	CONTRACTOR	CONTRACTOR						
GB2	42" HORIZONTAL GRAB BAR	INSTALL BLOCKING FOR GRAB BAR. GRAB BAR TO BE INSTALLED IN FUTURE.	CONTRACTOR	CONTRACTOR						
GB3	18" VERTICAL GRAB BAR	INSTALL BLOCKING FOR GRAB BAR. GRAB BAR TO BE INSTALLED IN FUTURE.	CONTRACTOR	CONTRACTOR						
MR1	Mirror	24"x36"	CONTRACTOR	CONTRACTOR						
PTD	Touchless Paper Towel Dispenser	GP-59462A	OWNER	CONTRACTOR						
SD	Automated Touchless Soap Dispenser	GJ-P191904	OWNER	CONTRACTOR						
TPD	2-Roll Side-by-Side Toilet Paper Dispenser	56784	OWNER	CONTRACTOR						
EQUIPMENT SCHEDULE GENERAL NOTES: 1. COORDINATE FINAL INSTALLATION LOCATIONS WITH OWNER.										





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		SHEET NOTES
	2 3 4	 FIELD VERIFY ALL SITE CONDITIONS BEFORE STARTING CONSTRUCTION. ALL EXISTING DUCTWORK, PIPING, EQUIPMENT, ETC. INDICATED ON PLANS ARE BASED ON INFORMATION FROM CONSTRUCTION DOCUMENTS AND FIELD VERIFICATION OF EXISTING BUILDING. COORDINATE INSTALLATION OF ALL NEW DUCTWORK, PIPING, EQUIPMENT, ETC. WITH OTHER TRADES. BASE BID: EXISTING THERMOSTATS TO REMAIN OR BE RELOCATED. ALTERNATE #2 ACCEPTED: REMOVE AND DISPOSE OF ALL EXISTING THERMOSTATS IN ABEA OF WORK.
	Υ ₆	PROVIDE AND INSTALL TEMPORARY FILTER MEDIA, MERV 8 OR BETTER, ON ALL CHASE RETURN OPENINGS DURING CONSTRUCTION.
	~_	
ſ		KEYNOTE LEGEND
ſ	D2	REMOVE EXISTING AIR TERMINAL AND ASSOCIATED PLENUM BOX. PREPARE FOR RELOCATION.
	D3	REMOVE AND DISPOSE OF DUCTWORK BACK TO MAIN AND CAP.
	D4	REMOVE AND DISPOSE OF DUCTWORK. PREPARE REMAINING DUCT FOR NEW CONNECTION.
	D5	REMOVE AND DISPOSE OF EXISTING AIR TERMINAL ABANDONED IN PLACE.
	D6	DISCONNECT AIR TERMINAL FROM EXISTING DUCTWORK AND PREPARE FOR NEW CONNECTION.
	D7	BASE BID: REMOVE EXISTING THERMOSTAT AND PREPARE FOR RELOCATION. PATCH WALL TO MATCH ADJACENT.
	D8	REMOVE AND DISPOSE OF DUCT CAP. PREPARE DUCT FOR NEW CONNECTION.
	D9	CUT AND CAP EXISTING DUCT. PREPARE EXISTING DUCT MAIN FOR NEW BRANCH CONNECTION.
	D10	REMOVE AND DISPOSE OF EXISTING AIR TERMINAL.
	D11	BASE BID: REMOVE AND DISCONNECT EXISTING THERMOSTAT. PATCH WALL TO MATCH ADJACENT. PREPARE THERMOSTAT TO CONNECT TO NEW VAV. SEE NEW PLANS FOR REINSTALLATION LOCATION.
	D12	BASE BID: REMOVE AND RELINQUISH EXISTING THERMOSTAT TO OWNER.
	D13	BASE BID: THERMOSTAT TO REMAIN IN PLACE AND OPERATIONAL.
	D14	ALTERNATE #2: REMOVE AND DISPOSE OF EXISTING THERMOSTAT. PATCH WALL TO MATCH ADJACENT.
	D15	ALTERNATE #2: REMOVE AND DISPOSE OF EXISTING THERMOSTAT. PREPARE REMAINING BASEPLATE OR SURFACE MOUNTED WIREMOLD DEVICE BOX FOR NEW





DES M	JINES		IOWA
	REVISI	ON SCHEDULE	
DATE	D	ESCRIPTION	BY
02/06/25	ADDENDUM #0)2	JKS
PROJECT	ΓNO.	24-31954	
FILE NAM	1E	31954 Mech R24	
DRAWN B	BY	JKS	
DESIGNE	D BY	JKS	
REVIEWE	ED BY	AWP	
ORIGINA	L ISSUE DATE	01/21/25	
CLIENT P	ROJECT NO.	9426.00	
TITLE			

PROJECT

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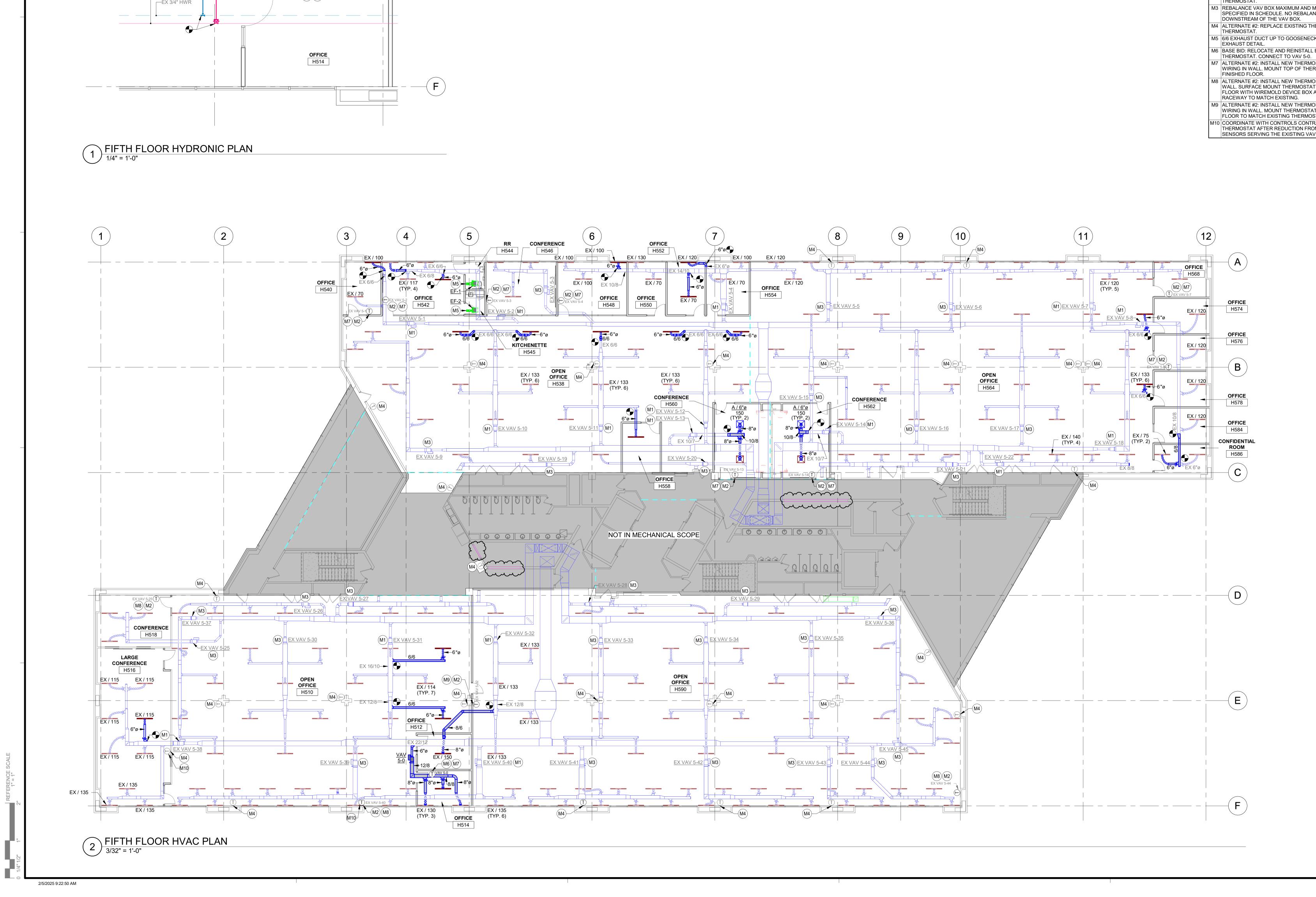
DAS CC IDALS

HOOVER

5TH FLOOR

RENOVATION

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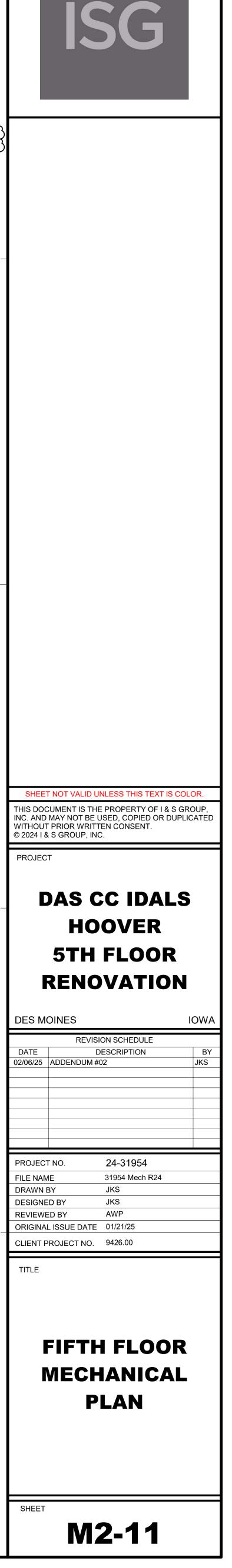


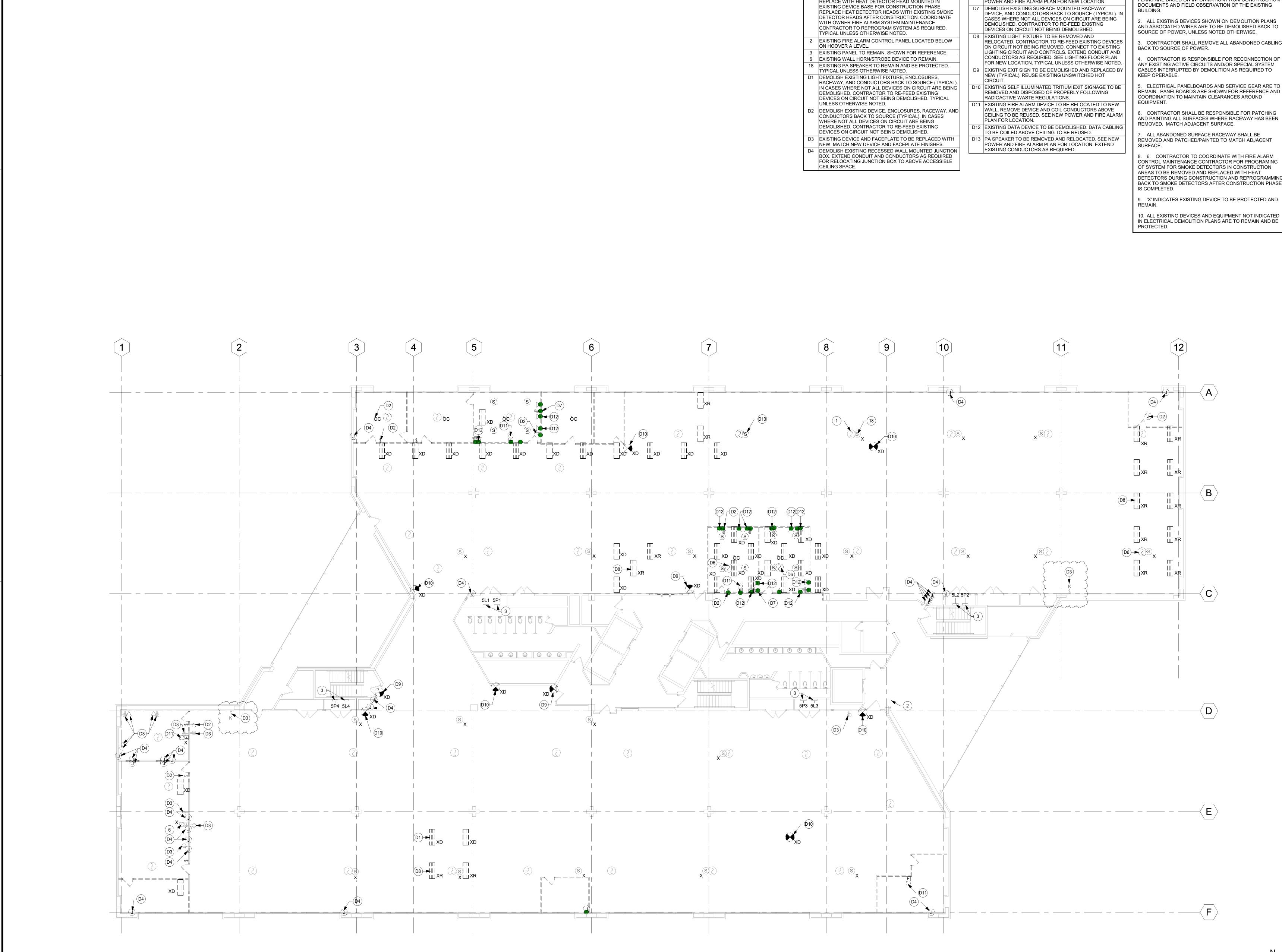
VAV 50 3/4" HWS EX 1" HWS EX 1" HWS EX 3/4" HWR EX 3/4

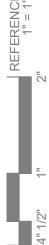
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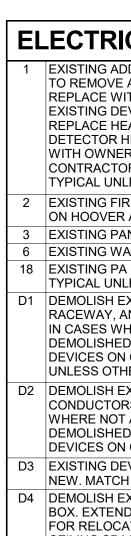
		SHEET NOTES
	1	FIELD VERIFY ALL SITE CONDITIONS BEFORE STARTING
	2	CONSTRUCTION. ALL EXISTING DUCTWORK, PIPING, EQUIPMENT, ETC. INDICATED ON PLANS ARE BASED ON INFORMATION FROM CONSTRUCTION DOCUMENTS AND FIELD
	2	FROM CONSTRUCTION DOCUMENTS AND FIELD VERIFICATION OF EXISTING BUILDING.
	3	PIPING, EQUIPMENT, ETC. WITH OTHER TRADES.
	4	RELOCATED. PAINT WIREMOLD TO MATCH ADJACENT
	5	WALL. ALTERNATE #2 ACCEPTED: INSTALL NEW THERMOSTATS
		IN PRIVATE OFFICES, CONFERENCE ROOMS, AND OPEN OFFICE SPACES. THERMOSTAT SHALL BE SIEMENS
		QAA2280.FWSC. ONLY PREAPPROVED SUBSTITUION SHALL BE ALLOWED. PAINT WIREMOLD TO MATCH
($\overline{}_{6}$	
ξ		8 OR BETTER, ON ALL CHASE RETURN OPENINGS DURING CONSTRUCTION.
V		<u> </u>
		KEYNOTE LEGEND
	M1	BALANCE ALL DAMPERS DOWNSTREAM OF THE VAV BOX TO THE SPECIFIED AIRFLOW. ADJUST EXISTING VAV UNIT FOR NEW AIRFLOW. SEE SCHEDULE.
	M2	BASE BID: RELOCATE AND REINSTALL EXISTING THERMOSTAT.
	M3	REBALANCE VAV BOX MAXIMUM AND MINIMUM AIRFLOWS AS SPECIFIED IN SCHEDULE. NO REBALANCING REQUIRED DOWNSTREAM OF THE VAV BOX.
	M4	ALTERNATE #2: REPLACE EXISTING THERMOSTAT WITH NEW THERMOSTAT.
	M5	6/6 EXHAUST DUCT UP TO GOOSENECK. SEE GOOSENECK EXHAUST DETAIL.
	M6	BASE BID: RELOCATE AND REINSTALL EXISTING THERMOSTAT. CONNECT TO VAV 5-0.
	M7	ALTERNATE #2: INSTALL NEW THERMOSTAT. ROUTE ALL WIRING IN WALL. MOUNT TOP OF THERMOSTAT 48" ABOVE FINISHED FLOOR.
	M8	ALTERNATE #2: INSTALL NEW THERMOSTAT ON EXISTING WALL. SURFACE MOUNT THERMOSTAT 60" ABOVE FINISHED FLOOR WITH WIREMOLD DEVICE BOX AND NONMETALLIC RACEWAY TO MATCH EXISTING.
	M9	ALTERNATE #2: INSTALL NEW THERMOSTAT. ROUTE ALL WIRING IN WALL. MOUNT THERMOSTAT 60" ABOVE FINISHED FLOOR TO MATCH EXISTING THERMOSTAT ELEVATION.
	M10	COORDINATE WITH CONTROLS CONTRACTOR TO REPATH THERMOSTAT AFTER REDUCTION FROM TWO TO ONE







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1 LEVEL 5 ELECTRICAL DEMOLITION PLAN 3/32" = 1'-0"

ELECTRICAL KEYNOTE LEGEND

- EXISTING ADDRESSABLE SMOKE DETECTOR. CONTRACTOR TO REMOVE AND STORE SMOKE DETECTOR HEADS AND REPLACE WITH HEAT DETECTOR HEAD MOUNTED IN

ELECTRICAL KEYNOTE LEGEND

- D6 EXISTING SMOKE DETECTOR TO BE REMOVED AND RELOCATED. EXTEND CONDUCTORS AS REQUIRED. SEE POWER AND FIRE ALARM PLAN FOR NEW LOCATION.

SHEET NOTES

. ALL EXISTING ELECTRICAL EQUIPMENT INDICATED ON PLANS ARE BASED ON INFORMATION FROM CONSTRUCTION DOCUMENTS AND FIELD OBSERVATION OF THE EXISTING

AND ASSOCIATED WIRES ARE TO BE DEMOLISHED BACK TO SOURCE OF POWER, UNLESS NOTED OTHERWISE. 3. CONTRACTOR SHALL REMOVE ALL ABANDONED CABLING

4. CONTRACTOR IS RESPONSIBLE FOR RECONNECTION OF ANY EXISTING ACTIVE CIRCUITS AND/OR SPECIAL SYSTEM

CABLES INTERRUPTED BY DEMOLITION AS REQUIRED TO 5. ELECTRICAL PANELBOARDS AND SERVICE GEAR ARE TO

REMAIN. PANELBOARDS ARE SHOWN FOR REFERENCE AND COORDINATION TO MAINTAIN CLEARANCES AROUND

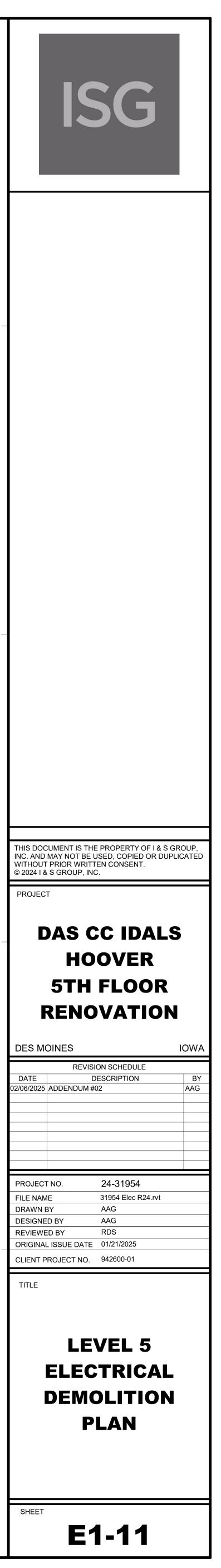
6. CONTRACTOR SHALL BE RESPONSIBLE FOR PATCHING AND PAINTING ALL SURFACES WHERE RACEWAY HAS BEEN REMOVED. MATCH ADJACENT SURFACE.

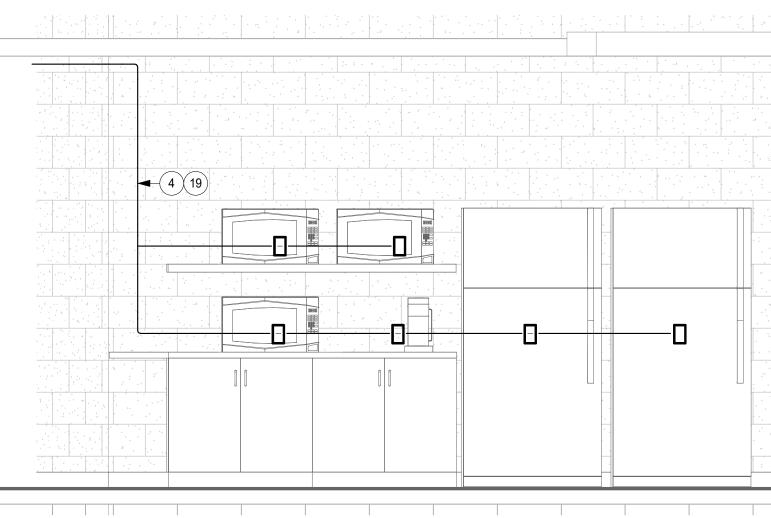
7. ALL ABANDONED SURFACE RACEWAY SHALL BE REMOVED AND PATCHED/PAINTED TO MATCH ADJACENT

8. 6. CONTRACTOR TO COORDINATE WITH FIRE ALARM CONTROL MAINTENANCE CONTRACTOR FOR PROGRAMING OF SYSTEM FOR SMOKE DETECTORS IN CONSTRUCTION AREAS TO BE REMOVED AND REPLACED WITH HEAT DETECTORS DURING CONSTRUCTION AND REPROGRAMMING BACK TO SMOKE DETECTORS AFTER CONSTRUCTION PHASE

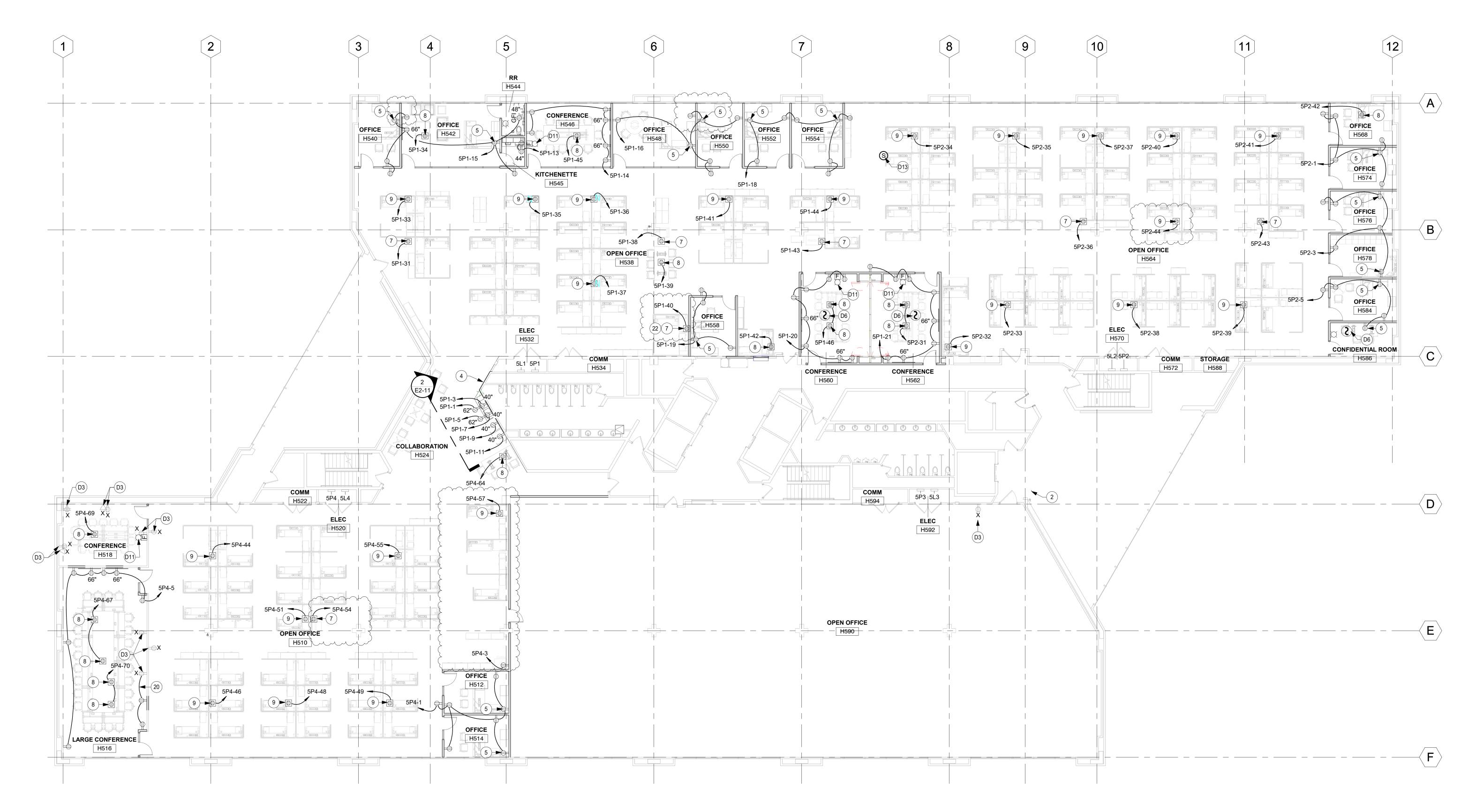
9. 'X' INDICATES EXISTING DEVICE TO BE PROTECTED AND

IN ELECTRICAL DEMOLITION PLANS ARE TO REMAIN AND BE





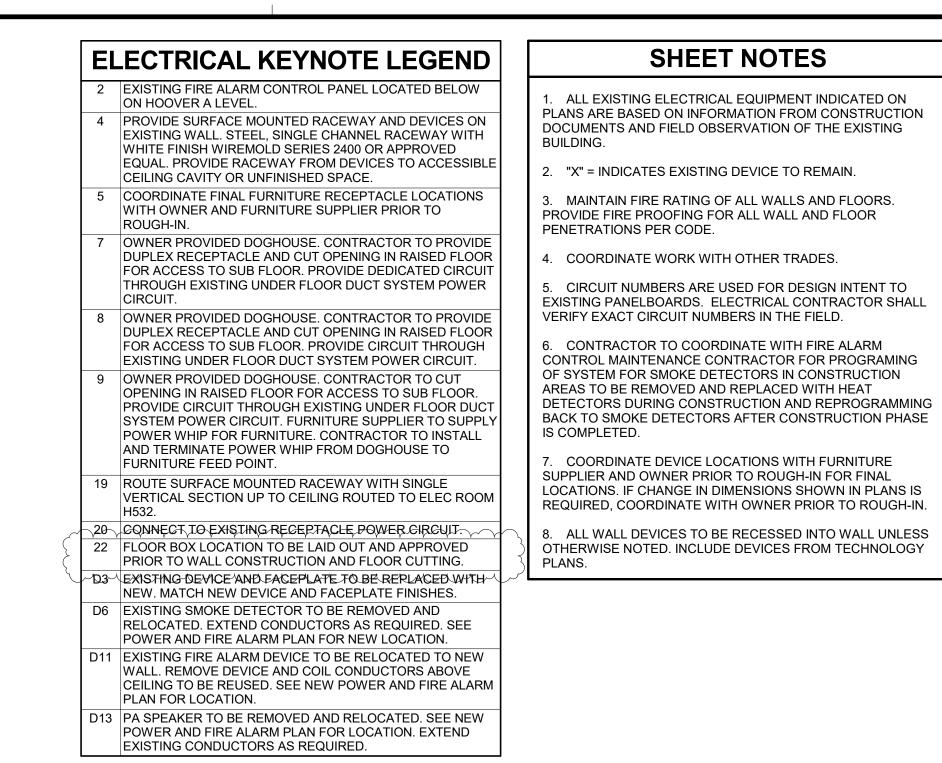
2 SURFACE MOUNTED RACEWAY ELEVATION

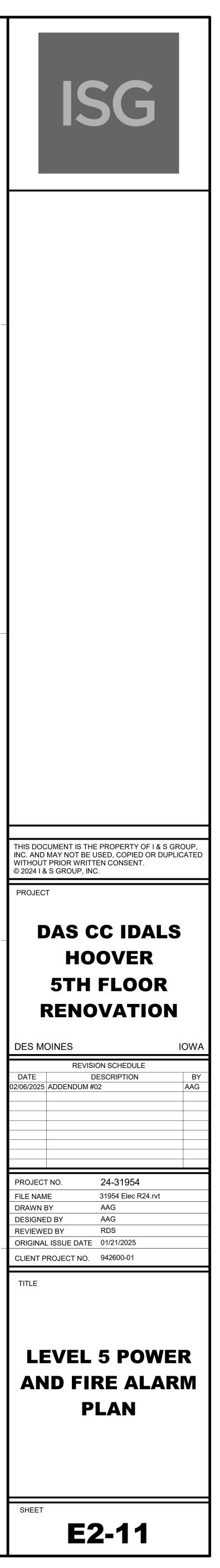


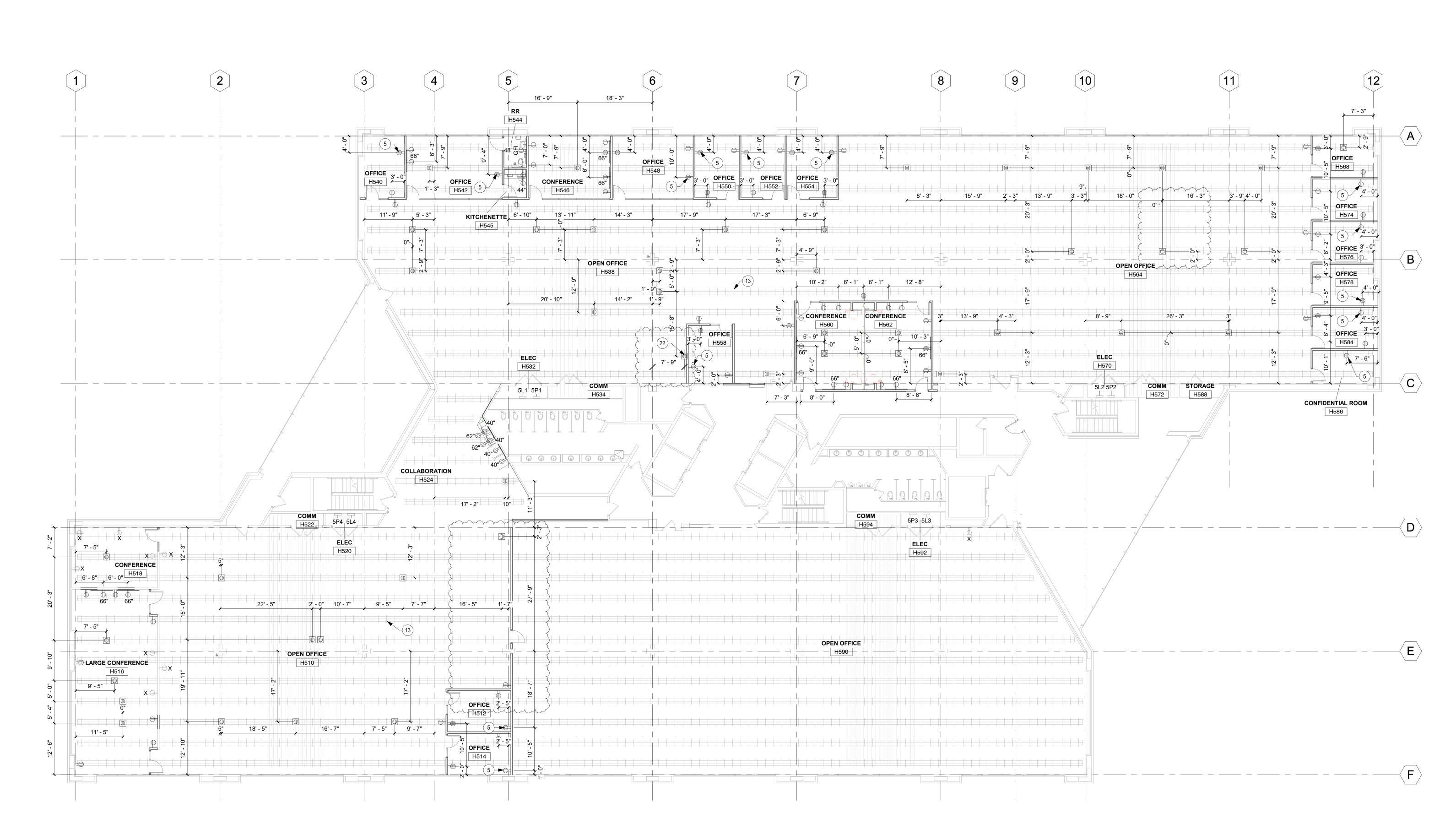
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LEVEL 5 POWER AND FIRE ALARM PLAN **3**/32" = 1'-0"









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1 LEVEL 5 POWER DEVICE DIMENSIONS 3/32" = 1'-0"

5 COORDINATE FINAL FURNITURE RECEPTACLE LOCATIONS

WITH OWNER AND FURNITURE SUPPLIER PRIOR TO ROUGH-IN. 13 EXISTING SUB FLOOR VDE DUCT TRAY SYSTEM FOR ROUTING OF DATA AND POWER CIRCUITS. DOGHOUSE PUNCH FOR ACCESS TO TRAY AT TICK MARKS SHOWN 22 FLOOR BOX LOCATION TO BE LAID OUT AND APPROVED PRIOR TO WALL CONSTRUCTION AND FLOOR CUTTING.

SHEET NOTES

1. ALL EXISTING ELECTRICAL EQUIPMENT INDICATED ON PLANS ARE BASED ON INFORMATION FROM CONSTRUCTION DOCUMENTS AND FIELD OBSERVATION OF THE EXISTING BUILDING.

 "X" = INDICATES EXISTING DEVICE TO REMAIN.
 MAINTAIN FIRE RATING OF ALL WALLS AND FLOORS. PROVIDE FIRE PROOFING FOR ALL WALL AND FLOOR PENETRATIONS PER CODE.

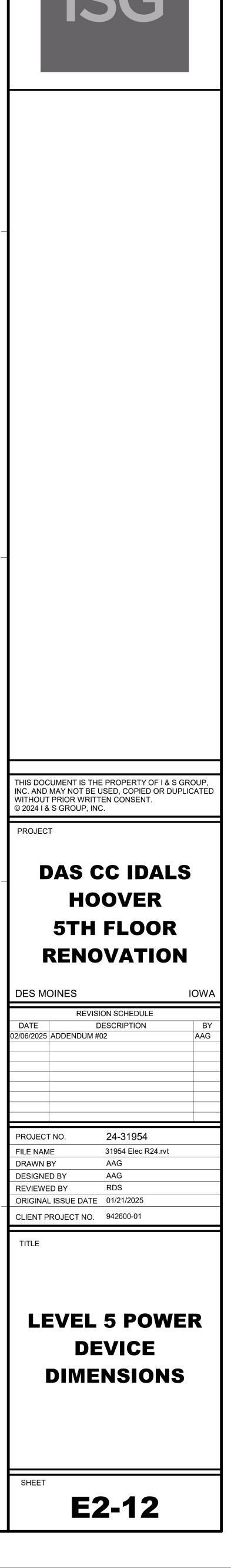
4. COORDINATE WORK WITH OTHER TRADES.

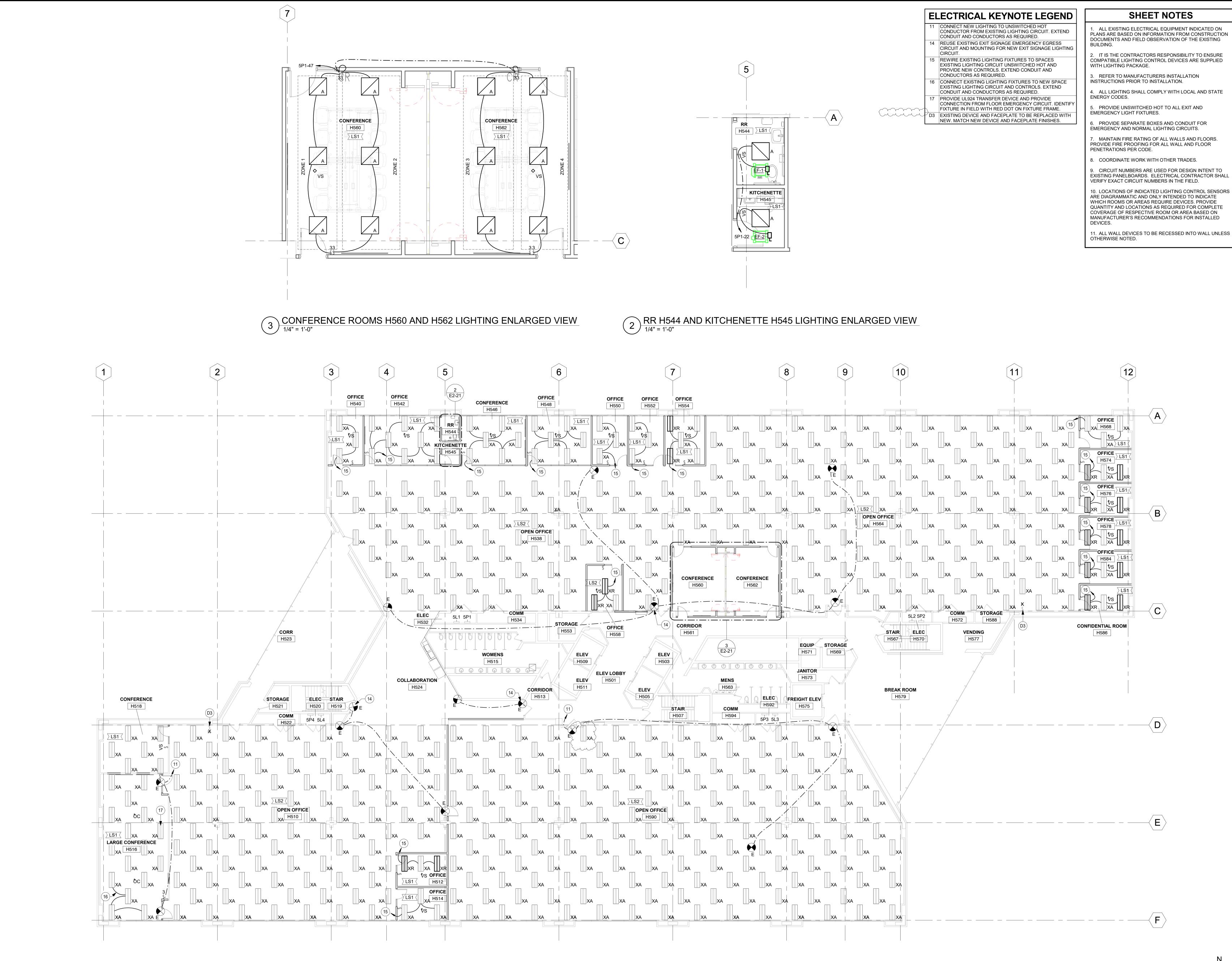
5. CIRCUIT NUMBERS ARE USED FOR DESIGN INTENT TO EXISTING PANELBOARDS. ELECTRICAL CONTRACTOR SHALL VERIFY EXACT CIRCUIT NUMBERS IN THE FIELD.

6. CONTRACTOR TO COORDINATE WITH FIRE ALARM CONTROL MAINTENANCE CONTRACTOR FOR PROGRAMING OF SYSTEM FOR SMOKE DETECTORS IN CONSTRUCTION AREAS TO BE REMOVED AND REPLACED WITH HEAT DETECTORS DURING CONSTRUCTION AND REPROGRAMMING BACK TO SMOKE DETECTORS AFTER CONSTRUCTION PHASE IS COMPLETED.

 COORDINATE DEVICE LOCATIONS WITH FURNITURE SUPPLIER AND OWNER PRIOR TO ROUGH-IN FOR FINAL LOCATIONS. IF CHANGE IN DIMENSIONS SHOWN IN PLANS IS REQUIRED, COORDINATE WITH OWNER PRIOR TO ROUGH-IN.
 ALL WALL DEVICES TO BE RECESSED INTO WALL UNLESS OTHERWISE NOTED. INCLUDE DEVICES FROM TECHNOLOGY

PLANS.

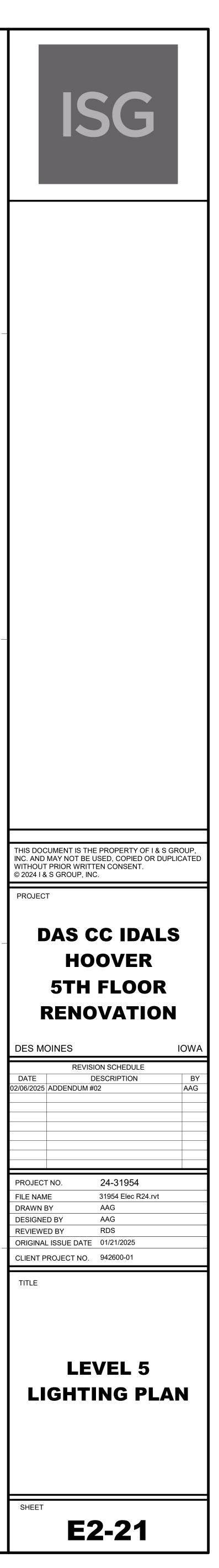


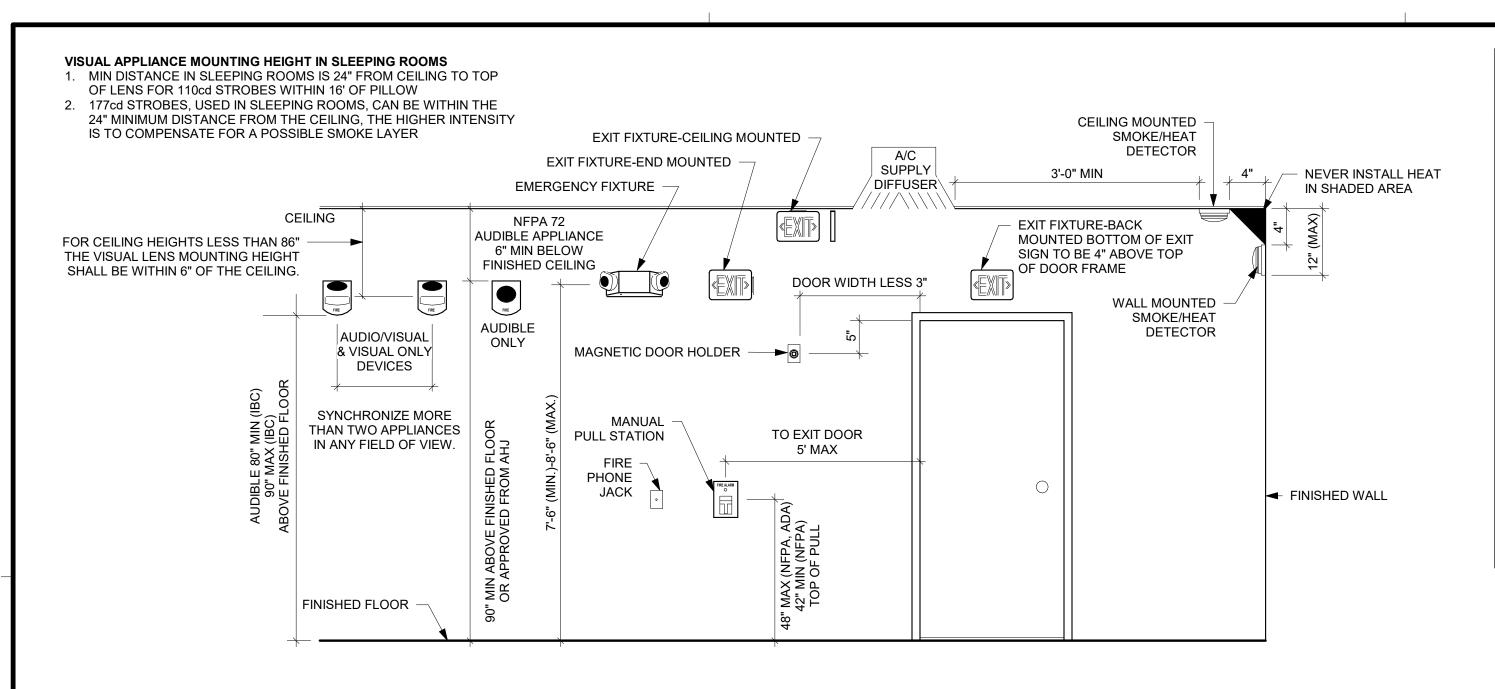




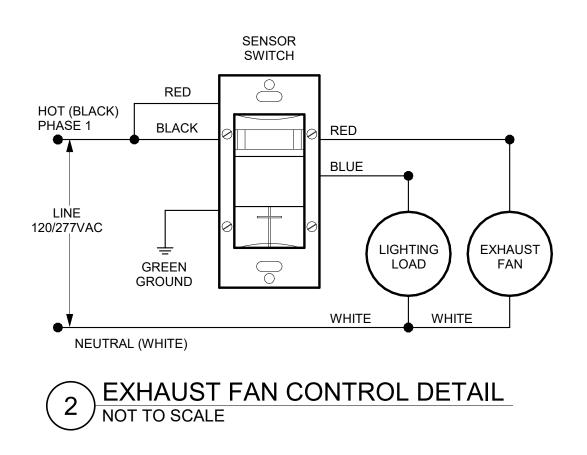
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1 LEVEL 5 LIGHTING PLAN 3/32" = 1'-0"





1 TYPICAL MOUNTING HEIGHTS DETAIL NOT TO SCALE



	Existing Panel: 5P															Exi	sting Panel: 5P												
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	RECEPTACLES		SWITCHES	MI	SC. POWER SYMBOLS	FIRE	E PF
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Œ	DUPLEX	\$ ₂	DOUBLE POLE	ď	FUSED DISCONNECT	FAAP	FIRE
IG ⊖=	ISOLATED GROUND	\$3	3-WAY	Ж	FAN	\bigcirc	
^{tr} ⊖=	TAMPER RESISTANT	\$4	4-WAY	\bowtie	ELECT. CONTROLLED VALVE		
^{₩₽} ⊖=	WEATHER PROOF W/GFI	\$ _E	EMERGENCY	F	FUSESTAT	FQ	
GFI⊖	GROUND FAULT INTERRUPT	\$ _F	FAN	\bigcirc	HAND DRYER	НЦ	
	CONTROLLED RECEPTACLE	^{\$} к	KEY OPERATED	H	HAIR DRYER	QQc	ST
	COUNTERTOP RECEPTACLE	\$ _{LV}	LOW VOLTAGE	H	HEATER	S Sc	SP
	COMBO RECEPTACLE / USB	\$ _P	PILOT LIGHT	J	JUNCTION BOX	FKØ	EXT
⊖=	HIGH VOLTAGE	\$ _т	TIMER	Ø	MOTOR	M	
Ð	SPLIT WIRE	\$ _{СВ}	CIRCUIT BREAKER	<u>O</u> ₂	MOTOR WITH DISCONNECT	Α	
Ð	DOUBLE DUPLEX	\$ _D	DIMMER	R	RELAY	TS	SPI
€	220 VOLT	\$ _Н	ILLUMINATED HANDLE	Ð	SOLENOID VALVE	FS	SF
ЭH	SPECIAL PURPOSE	\$ _М	MOTOR	Ŋ,	COMBINATION STARTER & DISC	HWSF	
\rightarrow	CEILING MOUNTED RECPT	\$ _{sc}	SPEED CONTROLLER	\boxtimes	MOTOR STARTER	SFA	0
=Ø=	CEILING MOUNTED SP RECPT	\$w	SPRING WOUND TIMER	T	THERMOSTAT	H	M
⊜	FLOOR BOX RECEPTACLE	\$мс	MOMENTARY CONTACT		DUCT-TYPE SMOKE DETECTOR	F	
		\$ _{WP}	WEATHER PROOF	♣	USB CHARGING STATION		ADD
		\$os	OCCUPANCY SENSOR-WALL				ADE
		\$vs	VACANCY SENSOR-WALL			\Box	
		♦OS	OCCUPANCY SENSOR-CLG			€C	
		∕vs	VACANCY SENSOR-CLG			EOLD	E
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		•••	3-BUTTON SWITCH			⊡(s)	
		\$ _{L?}	LOW VOLTAGE SWITCH / TYPE			CO	CAR

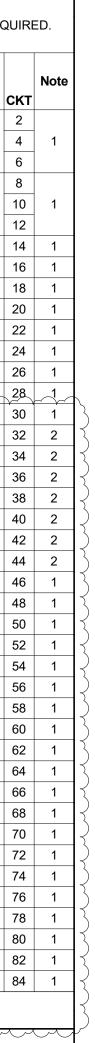
						ELE	CTRICAL E	QUIPMENT SCHE	DULE				
			POWER	REQUIRE	MENTS	;		MINIMUM CONDUIT,	STAF	RTER	DISCO	NNECT	
TAG	DESCRIPTION	HP	VOLTS	POLES	FLA	VA	LOCATION	WIRE SIZE, GROUND	TYPE	BY	TYPE	BY	NOTES
EF-1	RESTROOM EXHAUST FAN	FRACTIONAL	120 V	1	0.3 A	35 VA	RR H544	3/4"C, 2- 12's, 12GND	MAG	WU	NF	WU	INTERCONNECT TO ROOMS LIGHTING CONTROLS.
EF-2	KITCHENETTE EXHAUST FAN	FRACTIONAL	120 V	1	0.2 A	20 VA	KITCHENETTE H54	5 3/4"C, 2- 12's, 12GND	MAG	WU	NF	WU	INTERCONNECT TO ROOMS LIGHTING CONTROLS.
MAG - MAGNE MAN - MANUA SS - SOFT S	BINATION RONICALLY CONTROLLED MOTOR ETIC STARTER L STARTER	STARTER EC - ELEC ES - EQUI MC - MECH WU - WITH	TRICAL CO PMENT SU HANICAL C	PPLIER		DISCONNECT BO - BY OTHER F - FUSED DISC NF - NON-FUSE WU - WITH UNI	S CONNECT E ED DISCONNECT	DISCONNECT BY EC - ELECTRICAL CONTRACTOR ES - EQUIPMENT SUPPLIER MC - MECHANICAL CONTRACTOR					

			LIGHT FIX	TURE SCHEDŲ	
TYPE	DESCRIPTION	MANUFACTURER	MODEL	LAMP	TYPE COMMENTS
Α	2X2 LED FLAT PANEL	DAY-BRITE	2PFZ-38B-840-2-DS-UNV-DIM	34W 3800 LUMENS 4000K C&T	INSTALLED IN 2X2 ACT CEILING.
E	AC ONLY STANDARD EXIT	LIGHTALARMS	QLX500-RN	LED	PROVIDE UNSWITCHED HOT TO FIXTURE.
XA	EXISTING (2) 4' FLOURESCENT BULB LAY-IN FIXTURE TO REMAIN AND BE RELAMPED	PHILIPS	14T8/COR/48-840/IF21/G 10/1 PK33B4AL	(3)14W 4000K CCT	NEW BULBS TO BE OWNER PROVIDED AND CONTRACTOR INSTALLED. CONTRACTOR TO PROPERLY DISPOSE OF EXISTING FLOURESCENT BULBS. COST FOR DISPOSAL IS THE RESPONSIBILITY OF CONTRACTOR. CONTRACTOR TO CLEAN EXISTING FIXTURE LENSES AFTER BULB REPLACEMENT.
XD	EXISTING LIGHT FIXTURE TO BE DEMOLISHED	VARIES	VARIES	VARIES	PROPERLY DISPOSE OF FIXTURE BULBS, BALLASTS, AND HOUSING. SEE PLAN SHEETS FOR ADDITIONAL REQUIREMENTS. COST FOR DISPOSAL IS THE RESPONSIBILITY OF CONTRACTOR.
XR	EXISTING (2) 4' FLOURESCENT BULB LAY-IN FIXTURE TO BE RELAMPED AND RELOCATED	PHILIPS	14T8/COR/48-840/IF21/G 10/1 PK33B4AL	(3)14W 4000K CCT	NEW BULBS TO BE OWNER PROVIDED AND CONTRACTOR INSTALLED. CONTRACTOR TO PROPERLY DISPOSE OF EXISTING FLOURESCENT BULBS. COST FOR DISPOSAL IS THE RESPONSIBILITY OF CONTRACTOR. CONTRACTOR TO CLEAN EXISTING FIXTURE LENSES AFTER BULB REPLACEMENT.

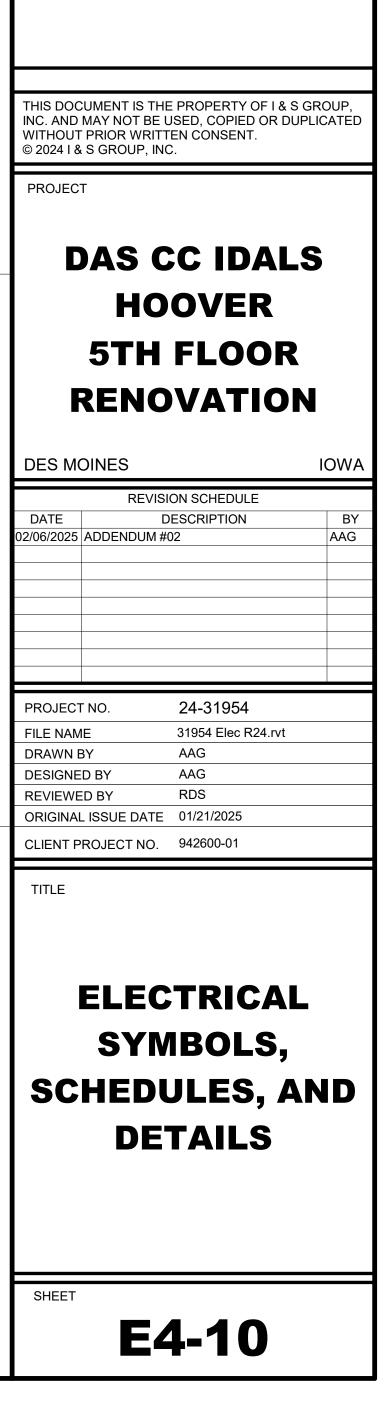
ROTECTION SYSTEM		COMMUNICATIONS		SECURITY	E	LECTRICAL PANELS	TAG DESCRIPTIONS				
E ALARM CONTROL PANEL	\bigtriangledown	DATA JACK -WALL	ACS	ACCESS CONTROLLED DOOR	P1	FLUSH MOUNT PANELBOARD	LS?	L	IGHTING SCENARIO		
E ALARM ANNUNCIATOR PNL	\square	FLOOR DATA JACK	₽)	ADA DOOR OPERATOR	P1	SURFACE MT PANELBOARD	#		KEYNOTE		
SMOKE DETECTOR	\bigcirc	DATA JACK -CEILING	$\Box \forall$	CAMERA	PHONE	PHONE SYSTEM					
HEAT DETECTOR	V	TELEPHONE JACK- WALL	CR	CARD READER - ELECTRONIC							
HORN STROBE	\mathbf{V}	DATA/VOICE JACK - WALL	DB	DURESS BUTTON				14			
HORN ONLY	TV	TELEVISION JACK	DC	DOOR CONTACT				v	VIRE ITPES		
ROBE ONLY (C = CLG MTD)	S	SPEAKER - CEILING	RX	REQUEST TO EXIT					STANDARD		
PKR STROBE (C = CLG MTD)	S	SPEAKER - WALL/SURFACE	DAA	DOOR ALARM ANNUNCIATOR					LOW-VOLTAGE		
ERIOR HORN W/ STROBE	ΗC	CLOCK	DL	ELECTRIC LOCK			_ · -	- · _	UN-SWITCHED HOT		
MINI HORN	Вр	BELL	SEC	DOOR SECURITY MONITOR							
ANSUL TIE		BUZZER	KP	KEY CARD PAD							
RINKLER TAMPER SWITCH	IC	INTERCOM	РВ	PUSH BUTTON							
PRINKLER FLOW SWITCH	\bigcirc	MICROPHONE	R	AREA OF RESCUE-CALL							
WALL SPEAKER - FIRE		SPEAKER/CLOCK	Ò	SECURITY ALARM HORN							
CEILING SPEAKER - FIRE	TC	TIME CLOCK									
AGNETIC DOOR HOLDER		WIRELESS ACCESS POINT									
MANUAL PULL STATION	TP	TOUCHPAD									
DRESSABLE INPUT MODULE	PROJ	PROJECTOR									
RESSABLE OUTPUT MOD.	BT	BLUETOOTH									
ABORT SWITCH											
BELL-CHIME											
END OF LINE RESISTOR											
FIRE/SMOKE DAMPER											
SMOKE DAMPER											
RBON MONOXIDE DETECTOR											

	LIGHTING SCENARIO SCHEDULE
SCENARIO#	LIGHTING SCENARIO DESCRIPTION
LS1	VACANCY SENSOR AND MANUAL ON/OFF. VACANCY SENSOR TO TURN OFF LIGHTING AFTER 20 MINUTES OF OCCUPANT LEAVING SPACE AND RETURN TO A MANUAL ON STATE.
LS2	EXISTING TIME CLOCK SYSTEM. UTILIZE EXISTING LIGHTING CIRCUIT AND CONTROLS FOR SPACE.

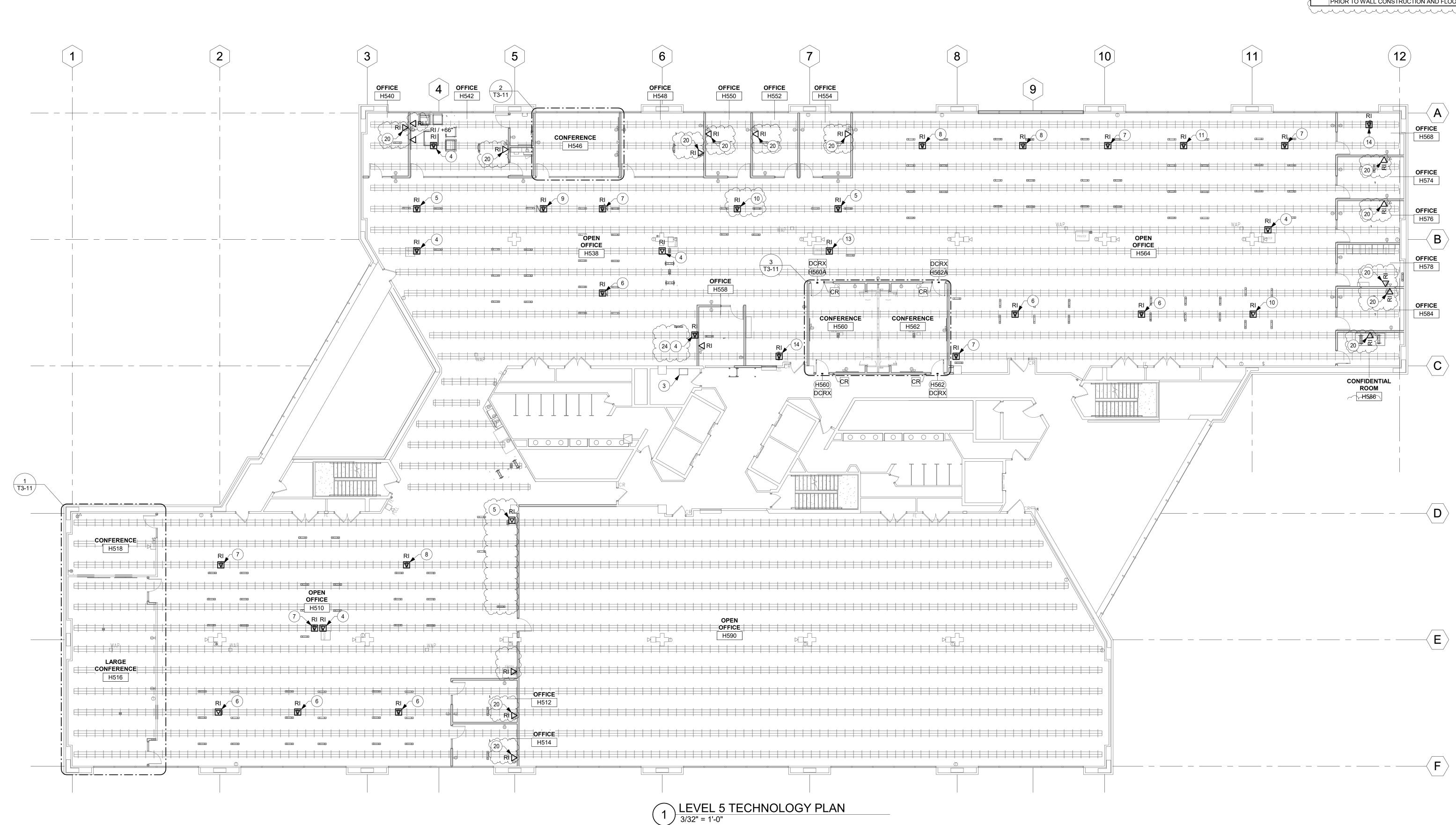
		Location: ELEC Supply From: Mounting: Surfac Enclosure: Type	ce				Volts: Phases: Wires:		Vye			Mains Mains R	Rating: 10 kAIC Type: MCB Rating: 125 A Rating: 125 A		
	ING S	SQUARE D NQ PANELBOARD. PRINTED UPDATED PANEL SC												QUIRI	E
Note	скт	Circuit Description	Trip	Pole		A		3	C	2	Pole	Trip	Circuit Description	скт	r
2		RCPT - H524 N UP MICRO	20 A	1	1000	0		_		-				2	t
2	3	RCPT - H524 N LWR MICRO	20 A	1			1000	0			3	125 A	MAIN	4	-
2	5	RCPT - H524 S UP MICRO	20 A	1					1000	0				6	-
3	7	RCPT - H524 S LWR MICRO	20 A	1	1000									8	+
3	9	RCPT - H524 N FRIDGE	20 A	1			500				3		MAIN	10	-
3		RCPT - H524 S FRIDGE	20 A	1					500					12	1
3		(GFCI)RCPT - H545/H544	20 A	1	360	1080			000		1	20 A	CONF H546	14	+
3		OFFICE H540 & H542 RECP	20 A	1	000	1000	1440	1260			1	20 A	OFF H548 & H550	16	+
1		ICN RECEP / TELCO	20 A	1				1200	0	1440	1	20 A	OFF H552 & H554 RECP	18	+
3		OFF H558 RECEP	20 A	1	720	1440			Ū	1440	1	20 A	CONF H560 RECEP	20	+
3		CONF H562 RECP	20 A	1	720	1440	1440	179			1	20 A	KIT H545 & RR H544 LGHT	20	+
1		ICN RECEP / TELCO	20 A	1			1440	175	0		1		BLANK	24	+
1		ICN RECEP / TELCO	20 A	1	0				0		1		BLANK	24	+
1	27	ICN RECEP / TELCO	20 A	1	0		0				1		BLANK	28	+
1		RECEPTACLE	20 A	1			0				1		BLANK	30	+
2	31	JCT #11W	20 A	1	180		\sim			\sim	r R 1		BLANK	32	+
2		JCT #15W	20 A		160		540	180		· · ·		 20 A	JCT #21W	34	+
							540	100	1260	900				36	+
2	35	JCT #15E	20 A		900	180			1260	900		20 A	JCT #16W	_	+
2	37	JCT #8W	20 A	+ · (900	180	400	100				20 A	JCT #12W	38	_
2	39	JCT #10W	20 A				180	180	700	100		20 A	JCT #4W	40	-
2	41	JCT #16	20 A		100	E 40			720	180		20 A	JCT #2E	42	_
2	43	JCT #12E	20 A		180	540	400	000				20 A	JCT #16E	44	_
2	45	JCT #22W	20 A				180	360	744			20 A	JCT #2E & 4E	46	+
1		LTG - CONF H560&562	20 A						744	0) 1	20 A	JCT #9	48	
1	49	JCT #9	20 A		0	0		-				20 A	JCT #10	50	_
1	51	JCT #10	20 A				0	0	_			20 A	JCT #11	52	_
1	53	JCT #11	20 A						0	0	R 1	20 A	JCT #12	54	
1		WEST WALL ROW 9	20 A		0	0						20 A	JCT #9	56	_
1		WEST WALL ROW 9	20 A				0	0			<u>{</u> 1	20 A	UTILTY RM RECEP	58	
1		CONF RM RECEPS	20 A						0	0 -	1	20 A	WALL WASHER LIGHTS	60	_
1	-	QUAD TELE RM	20 A		0	0					1	20 A	UTILITY RM RECEPTACLE	62	
1		ROW 6 COPIER	20 A				0	0			1	20 A	ELECTRIC RM RECEPTACLE	-	
1		COPIER BY STAIRS	20 A						0	0) 1	20 A	ATRIUM FIRE DAMPER	66	_
1		RECEPTACLE	20 A		0	0) 1	20 A	JCT #1 EAST OF STAIR	68	
1		RECETPACLE	20 A				0	0			∮ 1	20 A	RECEPTACLE	70	_
1		SPARE	20 A						0	0	<u>}</u> 1	20 A	COFFEE POT	72	_
1		BLANK									1		BLANK	74	
1		BLANK		1						-	<u> </u>		BLANK	76	\downarrow
1	77	BLANK		1							ע 1		BLANK	78	
1	79	BLANK		1							ע 1		BLANK	80	
1	81	BLANK		1) 1		BLANK	82	
1	83	BLANK		1							1		BLANK	84	
				Load		0 VA	7439		6744		Ь				
			Total	Amps:	64	1 A	63	3 A	56	A	2				



'1' DENOTES EXISTING CIRCUIT '2' DENOTES NEW CIRCUIT UTILIZING EXISTING BREAKER '3' DENOTES NEW CIRCUIT AND BREAKER

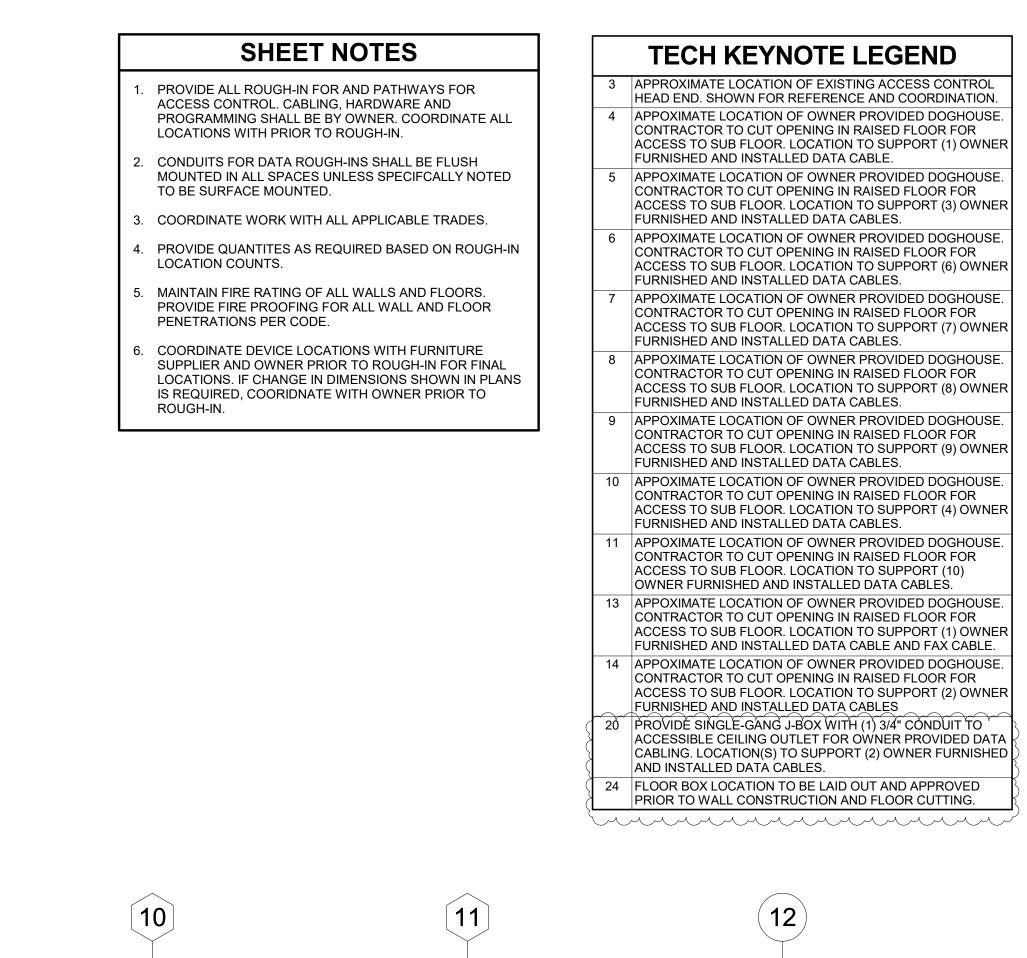


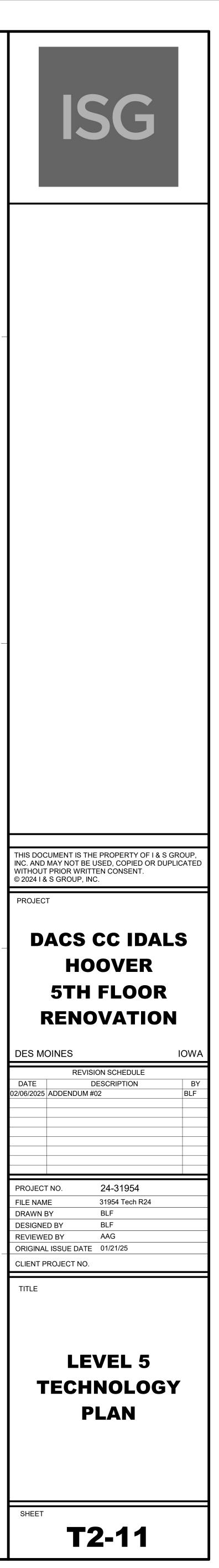
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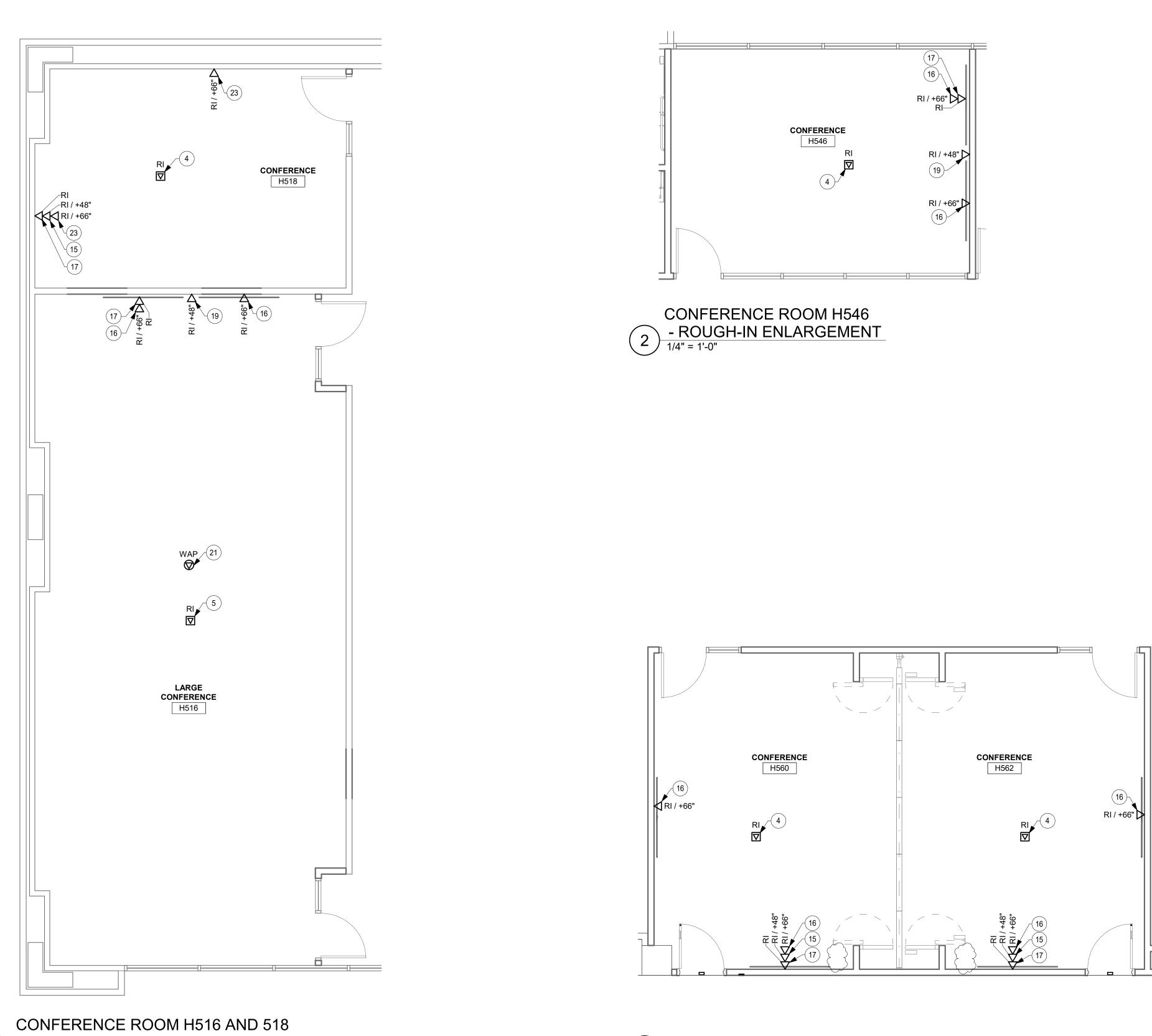


REFERENCE SCALE 1" = 1"

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1 - ROUGH-IN ENLARGEMENT

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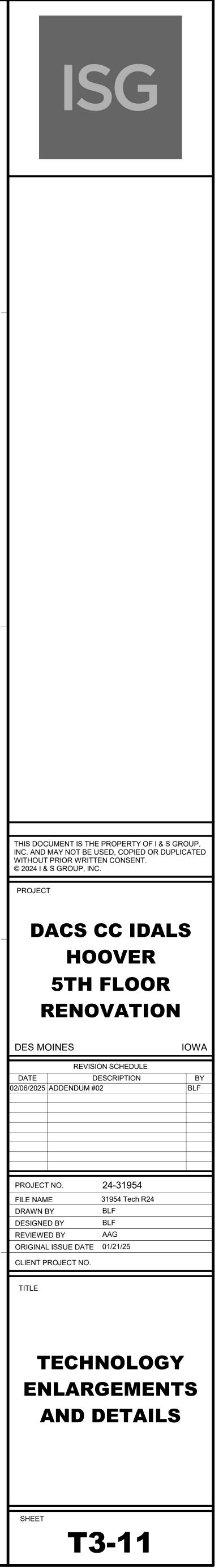
(3) CONFERENCE ROOM H560 AND H562 - ROUGH-IN ENLARGEMENT

SHEET NOTES

- PROVIDE ALL ROUGH-IN FOR AND PATHWAYS FOR ACCESS CONTROL. CABLING, HARDWARE AND PROGRAMMING SHALL BE BY OWNER. COORDINATE ALL LOCATIONS WITH PRIOR TO ROUGH-IN.
- CONDUITS FOR DATA ROUGH-INS SHALL BE FLUSH MOUNTED IN ALL SPACES UNLESS SPECIFCALLY NOTED TO BE SURFACE MOUNTED.
- 3. COORDINATE WORK WITH ALL APPLICABLE TRADES. . PROVIDE QUANTITES AS REQUIRED BASED ON ROUGH-IN
- LOCATION COUNTS. MAINTAIN FIRE RATING OF ALL WALLS AND FLOORS.
- PROVIDE FIRE PROOFING FOR ALL WALL AND FLOOR PENETRATIONS PER CODE.
- COORDINATE DEVICE LOCATIONS WITH FURNITURE SUPPLIER AND OWNER PRIOR TO ROUGH-IN FOR FINAL LOCATIONS. IF CHANGE IN DIMENSIONS SHOWN IN PLANS IS REQUIRED, COORIDNATE WITH OWNER PRIOR TO ROUGH-IN.

TECH KEYNOTE LEGEND

- APPOXIMATE LOCATION OF OWNER PROVIDED DOGHOUSE. CONTRACTOR TO CUT OPENING IN RAISED FLOOR FOR ACCESS TO SUB FLOOR. LOCATION TO SUPPORT (1) OWNER FURNISHED AND INSTALLED DATA CABLE. APPOXIMATE LOCATION OF OWNER PROVIDED DOGHOUSE. CONTRACTOR TO CUT OPENING IN RAISED FLOOR FOR ACCESS TO SUB FLOOR. LOCATION TO SUPPORT (3) OWNER
- FURNISHED AND INSTALLED DATA CABLES. 5 PROVIDE (1) SINGLE-GANG J-BOX WITH (1) 3/4" CONDUIT TO OWNER FURNISHED DISPLAY ABOVE FOR OWNER FURNISHED AND INSTALLED PTZ CAMERA. COORDINATE
- FINAL HEIGHT WITH OWNER PRIOR TO ROUGH-IN. 16 PROVIDE (1) SINGLE-GANG J-BOX WITH (1) 1" CONDUIT TO ACCESSIBLÉ CEILING ABOVE FOR OWNER FURNISHED AND OWNER INSTALLED DISPLAY.
- PROVIDE (1) SINGLE-GANG J-BOX WITH 1/2" CONDUIT TO TV J-BOX ABOVE. COORDINATE FINAL HEIGHT AND REQUIREMENTS WITH OWNER PRIOR TO ROUGH-IN.
- 19 PROVIDE (1) SINGLE-GANG J-BOX WITH (1) 3/4" CONDUIT TO ACCESSIBLE CEILING ABOVE FOR OWNER FURNISHED AND INSTALLED PTZ CAMERA. COORDINATE FINAL HEIGHT WITH OWNER PRIOR TO ROUGH-IN.
- CEILING MOUNTED WIRELESS ACCESS POINT SHOWN FOR REFERENCE ONLY. DEVICE AND CABLING BY OWNER. TYPICAL.
- 23 EXISTING OUTLET TO REMAIN.







END OF ADDENDUM #2