ADDENDUM 1

DATE: 07/30/2018

PROJECT: Simulation Lab Renovation

ITB NO: 744-R1825

OWNER: The University of Texas Health Science Center at Houston

TO: Prospective Proposers

This Addendum forms part of and modifies Proposal Documents dated, July 5, 2018, with amendments and additions noted below.

1. Addendum Narrative and drawings



ADDENDUM NARRATIVE

OWNER ☑ UTHSC – Julie Lucas

PROJ. MGMT. Click here to enter text.

DATE OF ISSUANCE: 7/24/2018

PROPOSAL REQUEST No. Addendum No.1

OWNER'S NAME: The University of Texas Health Science Center - Cizik School of Nursing

PROJECT'S NAME: Simulation Lab

PROJECT'S ADDRESS: 6901 Bertner Ave. Houston, TX 77030

PROJECT NUMBER: 045017.0000

CONTRACT NAME/DATE: UTHSC CSON Simulation Lab 5/4/2017

Description:

Documents have been updated to reflect coordination, constructability review, building envelope review and UTHSC review. See list of documents below and attached narrative of changes.

Attachments:

Drawings: (30 x 42)

ARCHITECTURAL:

SHEET	VIEW	DESCRIPTION
A0.01		Sheet index updated.
A3.1A		Sheet index updated.
A3.1C		Elevation references updated.
A3.1D		Elevation references updated.
A4.1A		Sections and elevations added to RCP.
A4.1B		Sections added to RCP.
A5.1		Notes to sheet updated.
		Elevations added.
A5.2		Dimensions added to elevation A4.

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ADDENDUM **N**ARRATIVE

PAGE 2

	Tags updated.
A5.3	Dimensions added to elevation E6.
A5.4	Dimensions added to elevations B4 and A1
	Tags updated.
A6.2	Detail A4 removed.
IA0.01	Code to finishes updated.
IA5.1	Finishes updated.

MECHANICAL:

MECHANICA	L.	
SHEET	VIEW	DESCRIPTION
M0.1		Revised room number on the fan coil unit schedule.
M.03		Added terminal box nomenclature.
		Added room number to terminal box schedule.
M1.1		Revised keyed notes 1 and 2.
M2.1		Revised general notes, paragraph B.
		Revision for the fabric ductwork, return air grilles and baseboard heaters, is described
		in the larger sections.
M3.1A		Revised keyed notes #1.
		Relocate number of return air grilles to be above temperature sensor.
		Revised general notes, paragraph D.
M3.1AU		Revised keyed notes number 4.
		Revised general notes, paragraph G.
		Revised fabric ductwork to three duct runout at 16" round.
		Relocate underfloor terminal boxes from under patient beds.
M3.1B		Revised keyed noted #3.
		Relocate number of return air grilles to be above temperature sensor.
M3.1BU		Revised keyed note #5.
		Revised general notes, paragraph G.
		Relocate underfloor terminal boxes from under patient beds.
M3.1C		Revised keyed notes #3.
		Revised general notes, paragraph G.
		Relocate number of return air grilles to be above temperature sensor.
M3.1CU		Revised keyed note #4.
		Revised general notes, paragraph G.
		Relocate underfloor terminal boxes from under patient beds.
		Revised fabric ductwork to three duct runout at 16" round.
M3.1D		Added keyed notes #4.
		Revised general notes, paragraph G.
		Relocate number of return air grilles to be above temperature sensor.
		•

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ADDENDUM NARRATIVE

PAGE 3

M3.1DU Added keyed notes #9.

Revised general notes, paragraph G.

Relocate underfloor terminal boxes from under patient beds.

M7.2 Added notes to terminal box mechanical detail #6.

ELECTRICAL:

ELLC INICAL.		
SHEET	VIEW	DESCRIPTION
E0.1		Added photoelectric switch symbol.
E0.3		Revised luminaire schedule.
E1.1		Added keyed notes #4.
		Revised lighting in home health.
E2.1		Added keyed notes #10.
		Added new thermal zone circuiting brackets.
E6.0		Revised occupancy sensor wiring detail.
		Revised mock emergency contactor detail.
E7.0		Revised notes section on each panel.
E7.1		Revised notes section on panels 4LB Existing and 4LB.
ED2.0		Added keyed notes #5.
		Revised some locations of keyed note #4.
ED3.0		Revised general notes, paragraph A.
PLUMBING:		
SHEET	VIEW	DESCRIPTION
PU2-4		Relocated plan west's vacuum exhaust discharge.
		Shifted piping affected by sink relocation.
P2-4		Shifted piping affected by sink relocation.

Document1

BY:

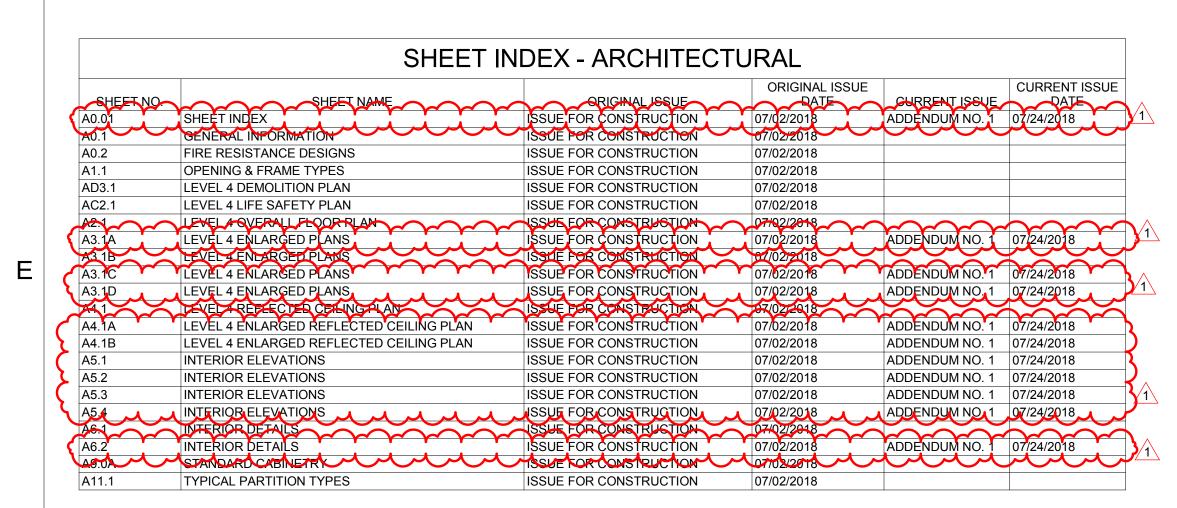
ARCHITECT:

FKP Architects, Inc.

Joseph Enciso

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SHEET INDEX - INTERIOR ARCHITECTURE								
SWEETWO	D. SHEETWAME	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	ORIGINAL ISSU	JE ***CURRENTYSSUE***	CURRENT ISSU			
IA0.01	CODE TO FINISHES	ISSUE FOR CONSTRUCTION	07/02/2018	ADDENDUM NO. 1	07/24/2018			
1A3.1A	LEVEL 4 FINGH PLAN - AREA	ISSUE FOR CONSTRUCTION	9/702/2018	\sim				
IA3.1B	LEVEL 4 FINISH PLAN - AREA B	ISSUE FOR CONSTRUCTION	07/02/2018					
1A4.Y	TEEVEL FINHSHIPSP TO THE THE TENTH OF THE TE	YSSULT FOR CONSTRUCTION	07/02/2018	$\gamma \gamma $	\sim			
IA5.1	LEVEL 4 FLOOR PATTERN PLAN	ISSUE FOR CONSTRUCTION	07/02/2018	ADDENDUM NO. 1	07/24/2018			

		SHEET	INDEX - FURNITUR	E		
				ORIGINAL ISSUE		CURRENT ISSUE
)	SHEET NO.	SHEET NAME	ORIGINAL ISSUE	DATE	CURRENT ISSUE	DATE
'	IF4.1	LEVEL 4 FURNITURE PLAN	ISSUE FOR CONSTRUCTION	07/02/2018		

	SHEET INDEX - EQUIPMENT							
OUEETNO	OUEETNAME	ODIONAL IOOLIE	ORIGINAL ISSUE	OLIDDENT IOOLIE	CURRENT ISSUE			
SHEET NO.	SHEET NAME	ORIGINAL ISSUE	DATE	CURRENT ISSUE	DATE			
EQ3.1	LEVEL 4 EQUIPMENT PLANS	ISSUE FOR CONSTRUCTION	07/02/2018					
EQ3.2A	LEVEL 4 ENLARGED EQUIPMENT PLAN	ISSUE FOR CONSTRUCTION	07/02/2018					
EQ3.2B	LEVEL 4 ENLARGED EQUIPMENT PLAN	ISSUE FOR CONSTRUCTION	07/02/2018					
EQ3.2C	LEVEL 4 ENLARGED EQUIPMENT PLAN	ISSUE FOR CONSTRUCTION	07/02/2018					
EQ3.2D	LEVEL 4 ENLARGED EQUIPMENT PLAN	ISSUE FOR CONSTRUCTION	07/02/2018					

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			ORIGINAL ISSUE		CURRENT ISSUE
SHEET NO.	SHEET NAME	ORIGINAL ISSUE	DATE	CURRENT ISSUE	DATE
MD-Q	MECHANICAL LEGENDS, GENERAL NOTES AND SCHEDULES	ISSUE FOR CONSTRUCTION	07/02/18	$\sim\sim$	
И0.1	MECHANICAL SCHEDULES	ISSUE FOR CONSTRUCTION	07/02/18	ADDENDUM NO. 1	07/24/2018
И0.3	MECHANICAL SCHEDULES	ISSUE FOR CONSTRUCTION	07/02/18	ADDENDUM NO. 1	07/24/2018
И1.1	MECHANICAL DEMOLITION FOURTH FLOOR OVERALL HVAC PLAN	ISSUE FOR CONSTRUCTION	07/02/18	ADDENDUM NO. 1	07/24/2018
И2.1	MECHANICAL RENOVATION FOURTH FLOOR OVERALL HVAC PLAN	ISSUE FOR CONSTRUCTION	07/02/18	ADDENDUM NO. 1	07/24/2018
//3.1А	MECHANICAL FOURTH FLOOR HVAC PLAN - PHASE 1 - AREA A	ISSUE FOR CONSTRUCTION	07/02/18	ADDENDUM NO. 1	07/24/2018
//3.1A-U	MECHANICAL FOURTH FLOOR UFAD PLAN - PHASE 1 - AREA A	ISSUE FOR CONSTRUCTION	07/02/18	ADDENDUM NO. 1	07/24/2018
И3.1В	MECHANICAL FOURTH FLOOR HVAC PLAN - PHASE 1 - AREA B	ISSUE FOR CONSTRUCTION	07/02/18	ADDENDUM NO. 1	07/24/2018
//3.1B-U	MECHANICAL FOURTH FLOOR UFAD PLAN - PHASE 1 - AREA B	ISSUE FOR CONSTRUCTION	07/02/18	ADDENDUM NO. 1	07/24/2018
И3.1C	MECHANICAL FOURTH FLOOR HVAC PLAN - PHASE 2 - AREA A	ISSUE FOR CONSTRUCTION	07/02/18	ADDENDUM NO. 1	07/24/2018
И3.1C-U	MECHANICAL FOURTH FLOOR UFAD PLAN - PHASE 2 - AREA A	ISSUE FOR CONSTRUCTION	07/02/18	ADDENDUM NO. 1	07/24/2018
И3.1D	MECHANICAL FOURTH FLOOR HVAC PLAN - PHASE 2 - AREA B	ISSUE FOR CONSTRUCTION	07/02/18	ADDENDUM NO. 1	07/24/2018
//3.1 D -U	MECHANICAL FOURTH FLOOR UFAD PLAN - PHASE 2 - AREA B	ISSUE FOR CONSTRUCTION	07/02/18	ADDENDUM NO. 1	07/24/2018
A6/T	MECHANICAL CHILLED WATER PIPING SCHEMANO	SSUE FOR SOMS TRUCTION	07/0248	\sim	
И6.2	MECHANICAL AIR RISER DIAGRAM	ISSUE FOR CONSTRUCTION	07/02/18		
И6.3	MECHANICAL CONTROL SCHEMATICS	ISSUE FOR CONSTRUCTION	07/02/18		
47.1	MECHANICAL DETAILS O O O O O O	ISSUE FOR CONSTRUCTION	07/02/18	-0-0-0	-0-0-4

			ORIGINAL ISSUE	(CURRENT ISSUE
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E0.1	ELECTRICAL SYMBOLS, LEGEND AND ABBREVIATIONS	ISSUE FOR CONSTRUCTION	07/02/2018	ADDENDUM NO. 1 07/	/24/2018
E0.2	ONE LINE DIAGRAMS	ISSUE FOR CONSTRUCTION	07/02/2018		
E0.3	LUMINAIRE SCHEDULE	ISSUE FOR CONSTRUCTION	07/02/2018	ADDENDUM NO. 1 07/	/24/2018
E1.1	LEVEL 04 LIGHTING RENOVATION PLAN	ISSUE FOR CONSTRUCTION	07/02/2018	ADDENDUM NO. 1 07/	/24/2018
E2.1	LEVEL 04 POWER RENOVATION PLAN	ISSUE FOR CONSTRUCTION	07/02/2018	ADDENDUM NO. 1 07/	/24/2018
E2.2	LEVEL 05 EXISTING POWER	ISSUE FOR CONSTRUCTION	07/02/2018		
E3.1	LEVEL 04 FIRE ALARM RENOVATION PLAN	ISSUE FOR CONSTRUCTION	07/02/2018		
E6.0	ELECTRICAL DETAILS	ISSUE FOR CONSTRUCTION	07/02/2018	ADDENDUM NO. 1 07/	/24/2018
E7.0	ELECTRICAL PANELBOARD SCHEDULES	ISSUE FOR CONSTRUCTION	07/02/2018	ADDENDUM NO. 1 07/	/24/2018
E7.1	ELECTRICAL PANELBOARD SCHEDULES	ISSUE FOR CONSTRUCTION	07/02/2018	ADDENDUM NO. 1 07/	/24/2018
E7.2	ELECTRICAL PANELBOARD SCHEDULES	ISSUE FOR CONSTRUCTION	07/02/2018		
ED1.0	LEVEL 04 LIGHTING DEMOLITION PLAN	ISSUE FOR CONSTRUCTION	07/02/2018		
ED2.0	LEVEL 04 POWER DEMOLITION PLAN	ISSUE FOR CONSTRUCTION	07/02/2018	ADDENDUM NO. 1 07/	/24/2018
ED3.0	LEVEL 04 FIRE ALARM DEMOLITION PLAN	ISSUE FOR CONSTRUCTION	07/02/2018	ADDENDUM NO. 1 07/	/24/2018

SHEET INDEX - FIRE PROTECTION								
			ORIGINAL ISSUE		CURRENT ISSUE			
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FP2.4	LEVEL 4 FIRE PROTECTION PLAN	ISSUE FOR CONSTRUCTION	07/02/2018					

SHEET NO.	SHEET NAME	ORIGINAL ISSUE	ORIGINAL ISSUE DATE	CURRENT ISSUE	CURRENT ISSUE DATE
P0:4~~	PLUMBING LEGEND, GENERAL NOTES AND SPECIFICATIONS	TSSUE FOR CONSTRUCTION	D7102/2018	$\sim\sim$	$\sim\sim\sim$
P2.4	LEVEL 4 PLUMBING RENOVATION PLAN	ISSUE FOR CONSTRUCTION	07/02/2018	ADDENDUM NO. 1	07/24/2018
P7.0	PŁUMBING RISER BIAGRAM	ISSUE FOR CONSTRUCTION	67/02/2018	$\sim\sim$	
P9.0	PLUMBING DETAILS	ISSUE FOR CONSTRUCTION	07/02/2018		
PDVA	LEVEL 4 PLLIMBUNG DEMODITION PLAN	TISSUE TORTONSTRUCTION	07702/2018	~~~	$\overline{\gamma}$
PU2.4	LEVEL 4 PLUMBING RENOVATION PLAN UNDER FLOOR	ISSUE FOR CONSTRUCTION	07/02/2018	ADDENDUM NO. 1	07/24/2018

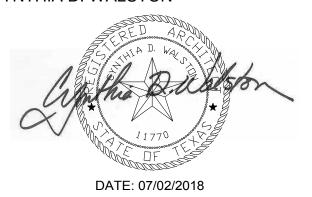
	SHEET INDEX - TELECOM AUDIO VISUAL							
			ORIGINAL ISSUE		CURRENT ISSUE			
SHEET NO.	SHEET NAME	ORIGINAL ISSUE	DATE	CURRENT ISSUE	DATE			
AVI0.1	LEGEND AND NOTES - AUDIO VISUAL - INFRASTRUCTURE	ISSUE FOR CONSTRUCTION	07/02/2018					
AVI2.1	LEVEL 4 - FLOOR PLAN - AUDIO VISUAL - INFRASTRUCTURE	ISSUE FOR CONSTRUCTION	07/02/2018					
AVI4.1	LEVEL 4 - CEILING PLAN - AUDIO VISUAL - INFRASTRUCTURE	ISSUE FOR CONSTRUCTION	07/02/2018					
AV5.1	GENERAL DETAILS - AUDIO VISUAL - INFRASTRUCTURE	ISSUE FOR CONSTRUCTION	07/02/2018					

	SHEET INDEX - TEL	ECOM COMMUNICA	TIONS		
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T0.1	LEGEND AND NOTES - COMMUNICATIONS	ISSUE FOR CONSTRUCTION	07/02/2018		
TD2.1	LEVEL 4 - DEMOLITION PLAN - COMMUNICATIONS	ISSUE FOR CONSTRUCTION	07/02/2018		
T2.1	LEVEL 4 - FLOOR PLAN - COMMUNICATIONS	ISSUE FOR CONSTRUCTION	07/02/2018		
T3.1	TELECOM ROOM DETAILS - COMMUNICATIONS	ISSUE FOR CONSTRUCTION	07/02/2018		
T3.2	TELECOM ROOM DETAILS - COMMUNICATIONS	ISSUE FOR CONSTRUCTION	07/02/2018		
T4.1	GENERAL DETAILS - COMMUNICATIONS	ISSUE FOR CONSTRUCTION	07/02/2018		



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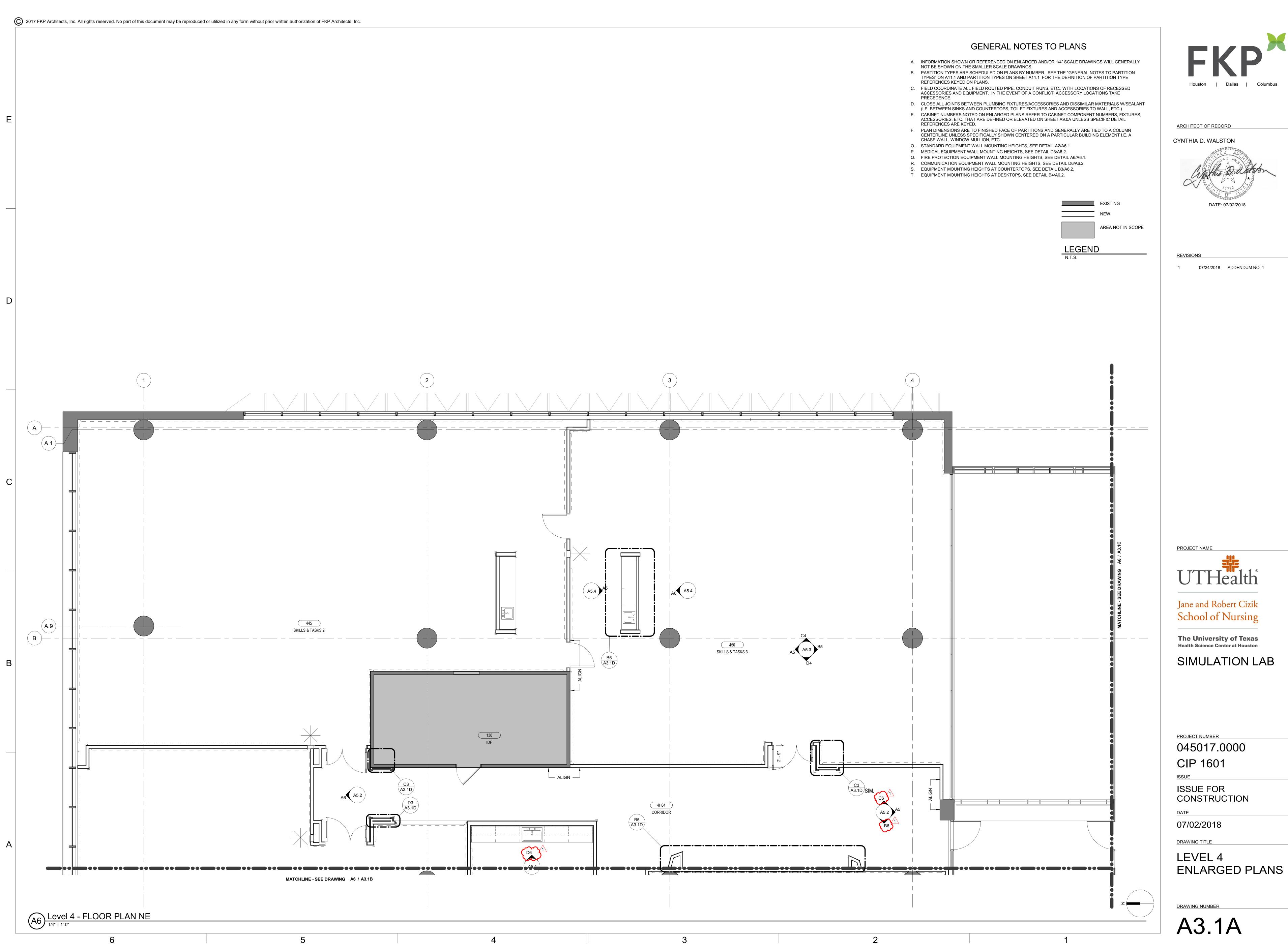
07/02/2018

DRAWING TITLE

SHEET INDEX

DRAWING NUMBER

A0.01









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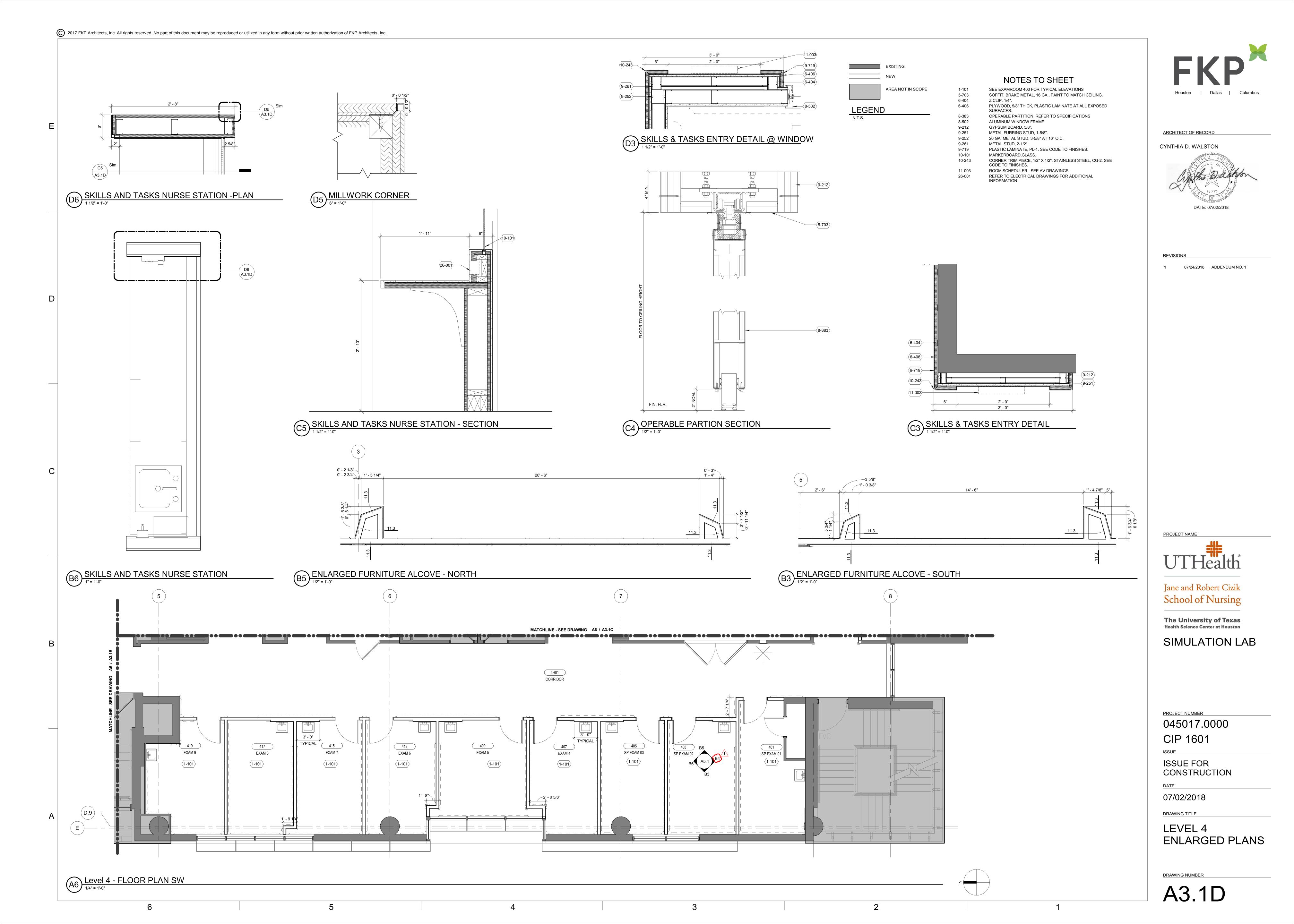
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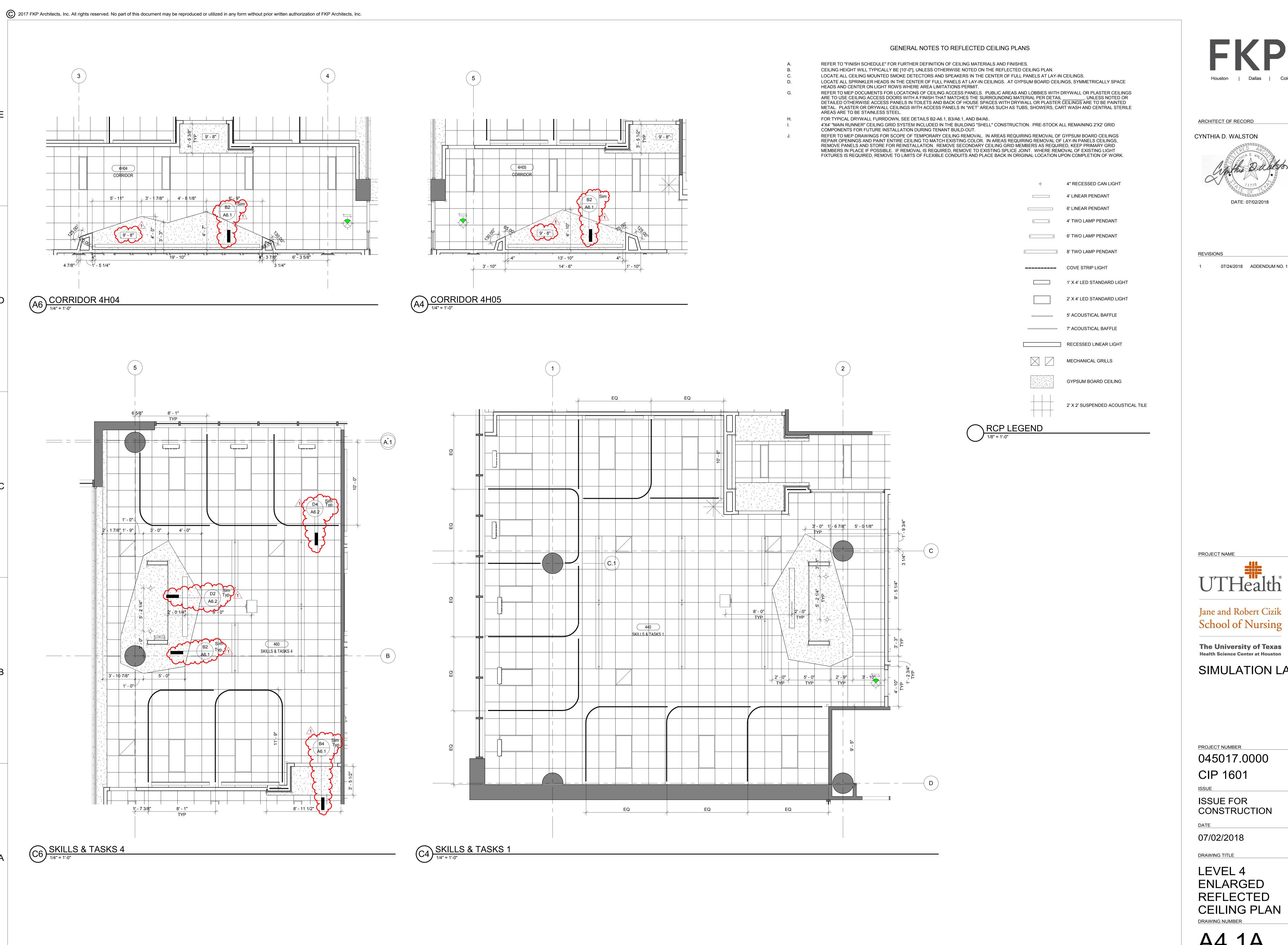
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LEVEL 4 ENLARGED PLANS

DRAWING NUMBER

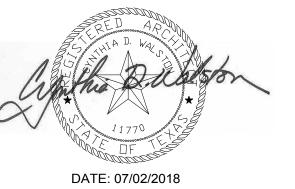
A3.1C





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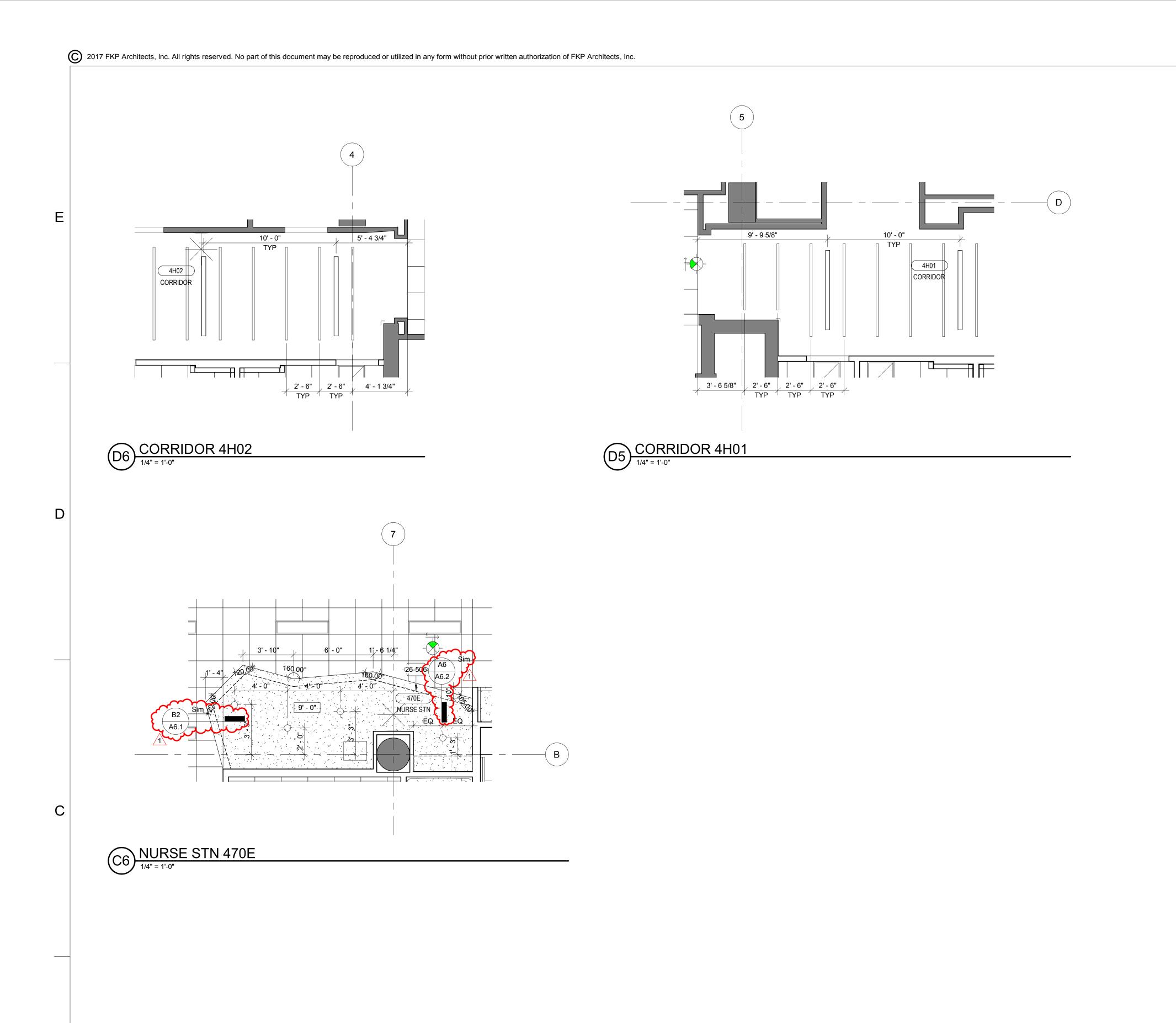
SIMULATION LAB

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ENLARGED REFLECTED **CEILING PLAN**

A4.1A



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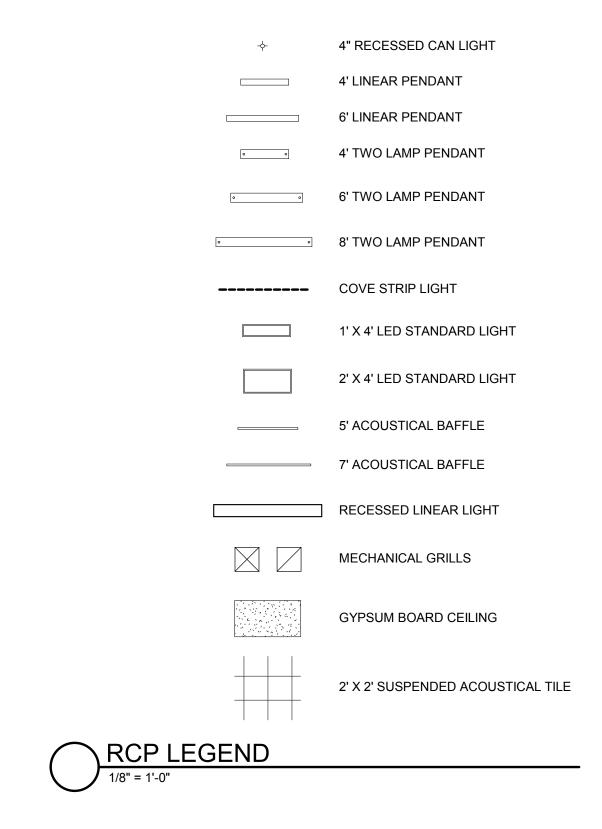
GENERAL NOTES TO REFLECTED CEILING PLANS

REFER TO "FINISH SCHEDULE" FOR FURTHER DEFINITION OF CEILING MATERIALS AND FINISHES. CEILING HEIGHT WILL TYPICALLY BE [10'-0"], UNLESS OTHERWISE NOTED ON THE REFLECTED CEILING PLAN. LOCATE ALL CEILING MOUNTED SMOKE DETECTORS AND SPEAKERS IN THE CENTER OF FULL PANELS AT LAY-IN CEILINGS. LOCATE ALL SPRINKLER HEADS IN THE CENTER OF FULL PANELS AT LAY-IN CEILINGS. AT GYPSUM BOARD CEILINGS, SYMMETRICALLY SPACE HEADS AND CENTER ON LIGHT ROWS WHERE AREA LIMITATIONS PERMIT. REFER TO MEP DOCUMENTS FOR LOCATIONS OF CEILING ACCESS PANELS. PUBLIC AREAS AND LOBBIES WITH DRYWALL OR PLASTER CEILINGS

ARE TO USE CEILING ACCESS DOORS WITH A FINISH THAT MATCHES THE SURROUNDING MATERIAL PER DETAIL _____. UNLESS NOTED OR DETAILED OTHERWISE ACCESS PANELS IN TOILETS AND BACK OF HOUSE SPACES WITH DRYWALL OR PLASTER CEILINGS ARE TO BE PAINTED METAL. PLASTER OR DRYWALL CEILINGS WITH ACCESS PANELS IN "WET" AREAS SUCH AS TUBS, SHOWERS, CART WASH AND CENTRAL STERILE AREAS ARE TO BE STAINLESS STEEL. FOR TYPICAL DRYWALL FURRDOWN, SEE DETAILS B2-A6.1, B3/A6.1, AND B4/A6..

4'X4' "MAIN RUNNER" CEILING GRID SYSTEM INCLUDED IN THE BUILDING "SHELL" CONSTRUCTION. PRE-STOCK ALL REMAINING 2'X2' GRID COMPONENTS FOR FUTURE INSTALLATION DURING TENANT BUILD-OUT. REFER TO MEP DRAWINGS FOR SCOPE OF TEMPORARY CEILING REMOVAL. IN AREAS REQUIRING REMOVAL OF GYPSUM BOARD CEILINGS REPAIR OPENINGS AND PAINT ENTIRE CEILING TO MATCH EXISTING COLOR. IN AREAS REQUIRING REMOVAL OF LAY-IN PANELS CEILINGS,

REMOVE PANELS AND STORE FOR REINSTALLATION. REMOVE SECONDARY CEILING GRID MEMBERS AS REQUIRED, KEEP PRIMARY GRID MEMBERS IN PLACE IF POSSIBLE. IF REMOVAL IS REQUIRED, REMOVE TO EXISTING SPLICE JOINT. WHERE REMOVAL OF EXISTING LIGHT FIXTURES IS REQUIRED, REMOVE TO LIMITS OF FLEXIBLE CONDUITS AND PLACE BACK IN ORIGINAL LOCATION UPON COMPLETION OF WORK.





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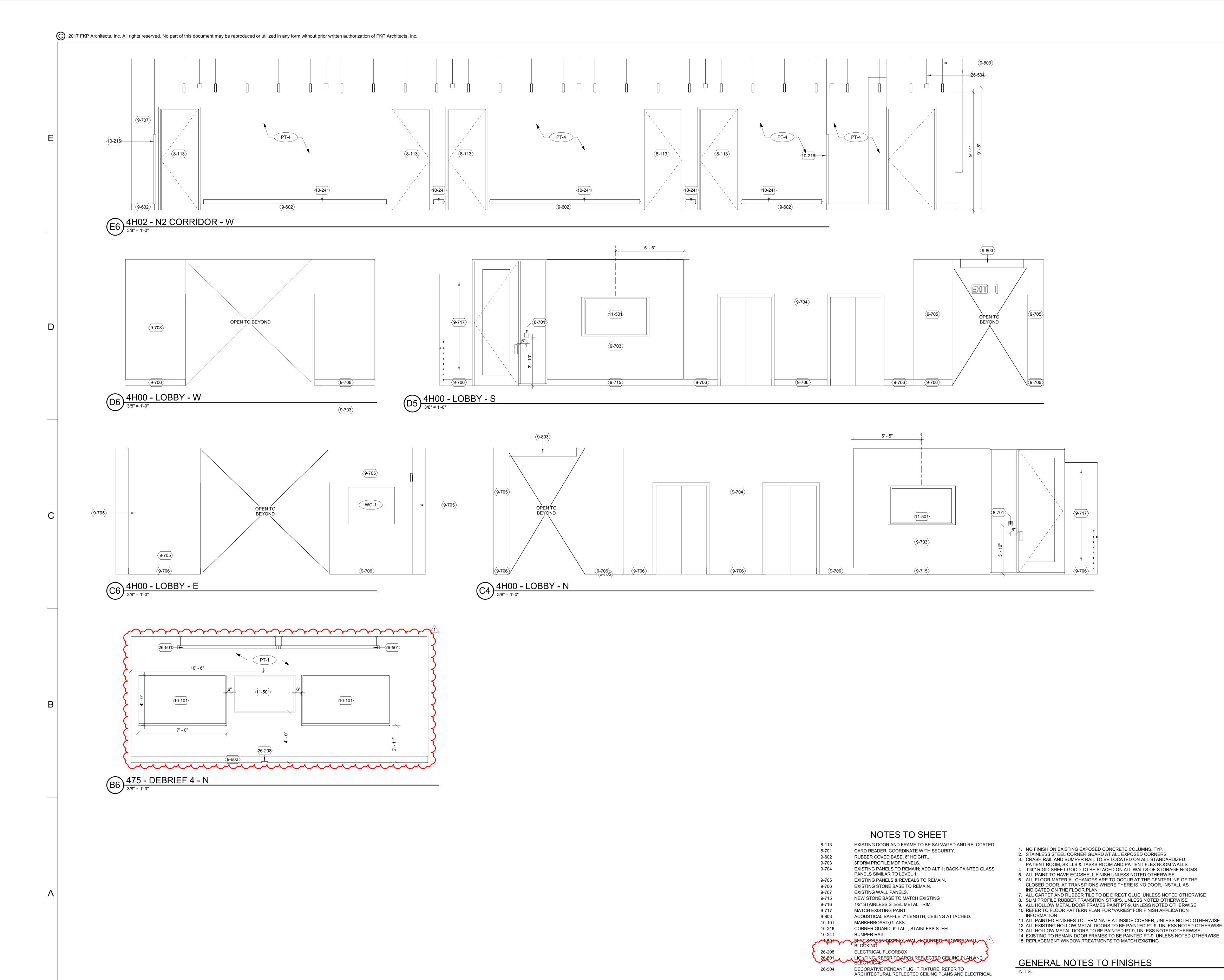
07/02/2018

DRAWING TITLE

LEVEL 4 **ENLARGED** REFLECTED **CEILING PLAN** DRAWING NUMBER

A4.1B

5 2

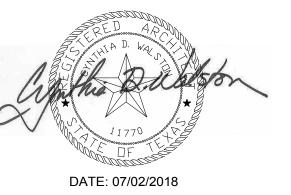


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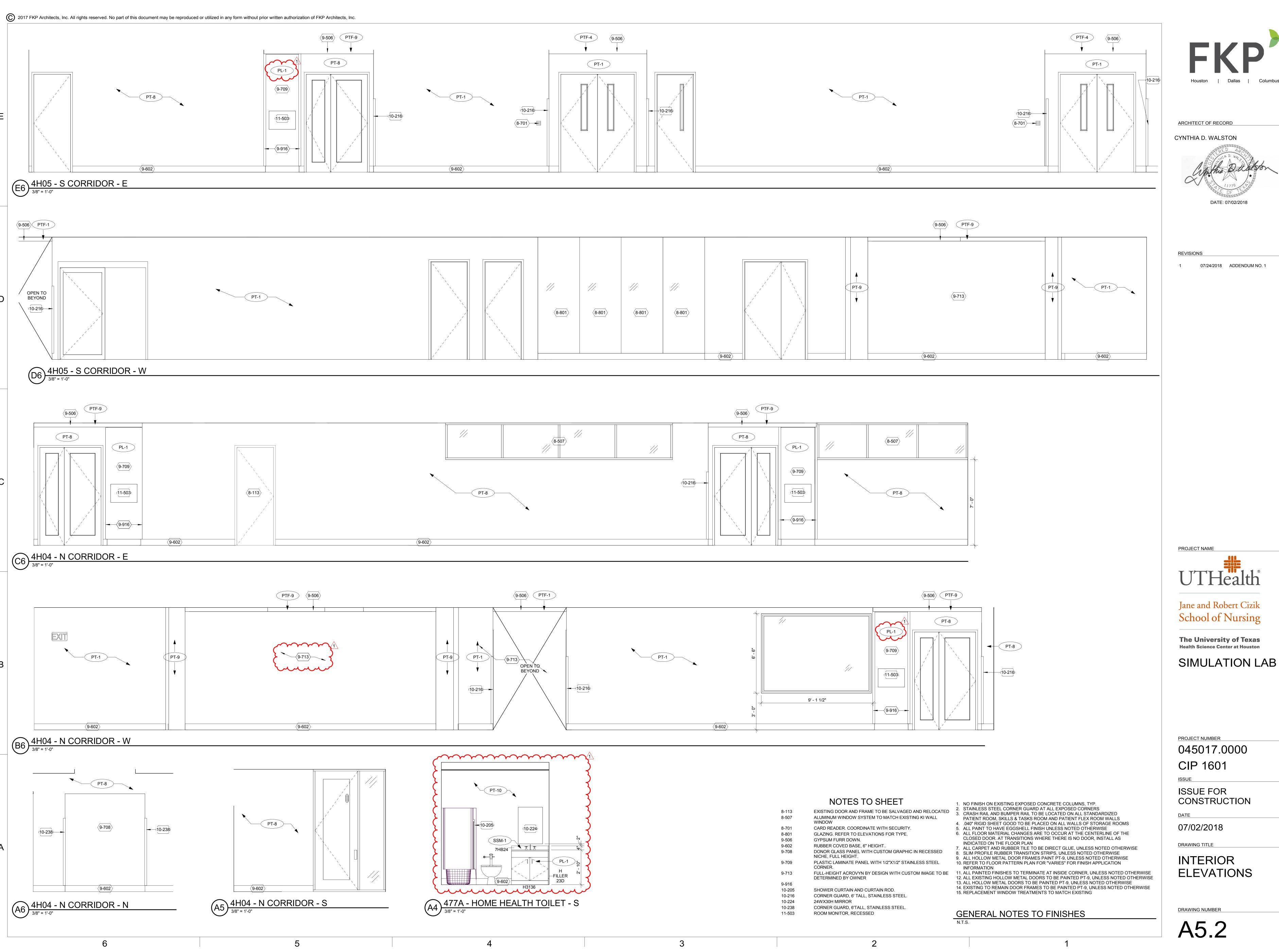
07/02/2018

DRAWING TITLE

INTERIOR ELEVATIONS

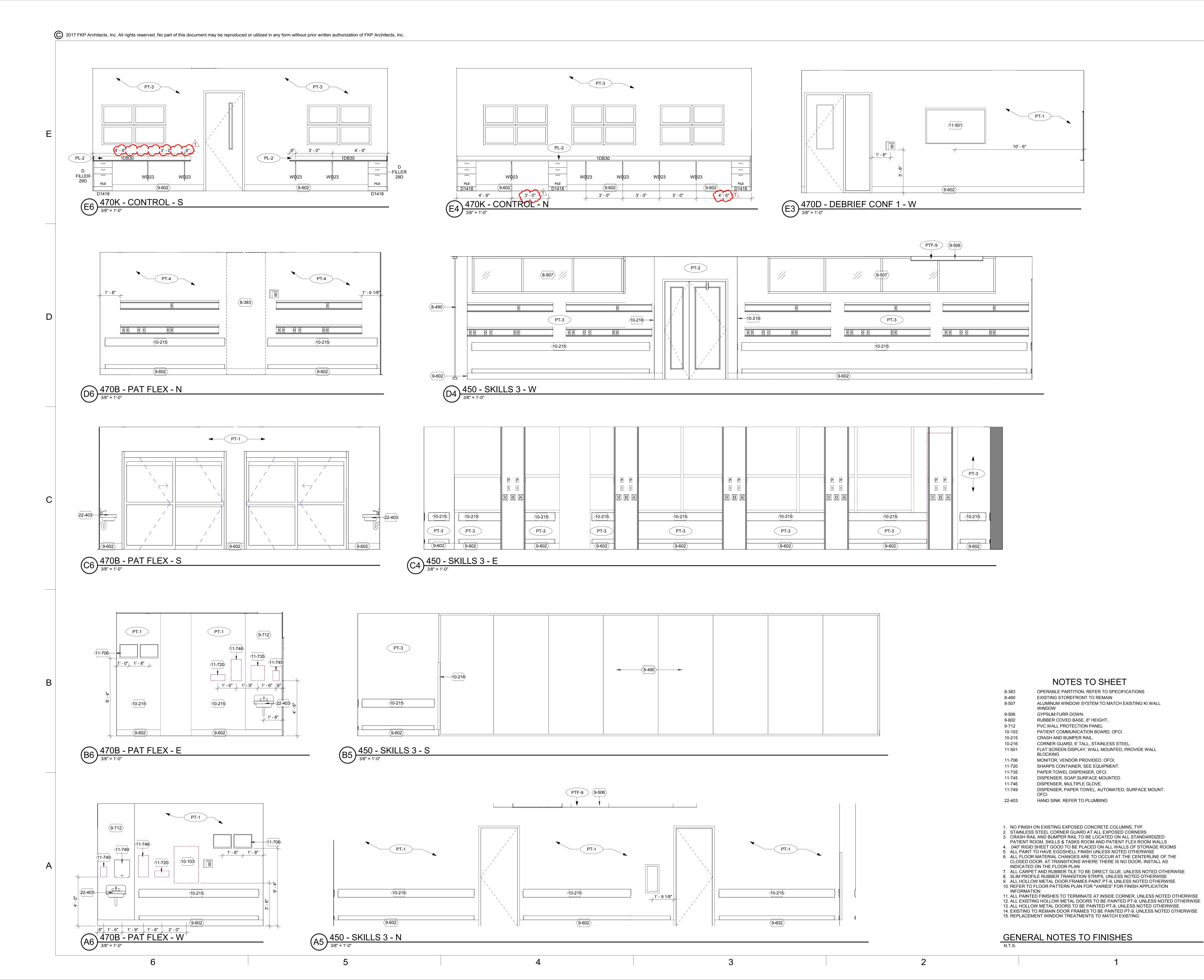
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A5.1





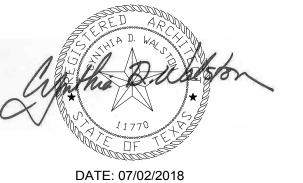






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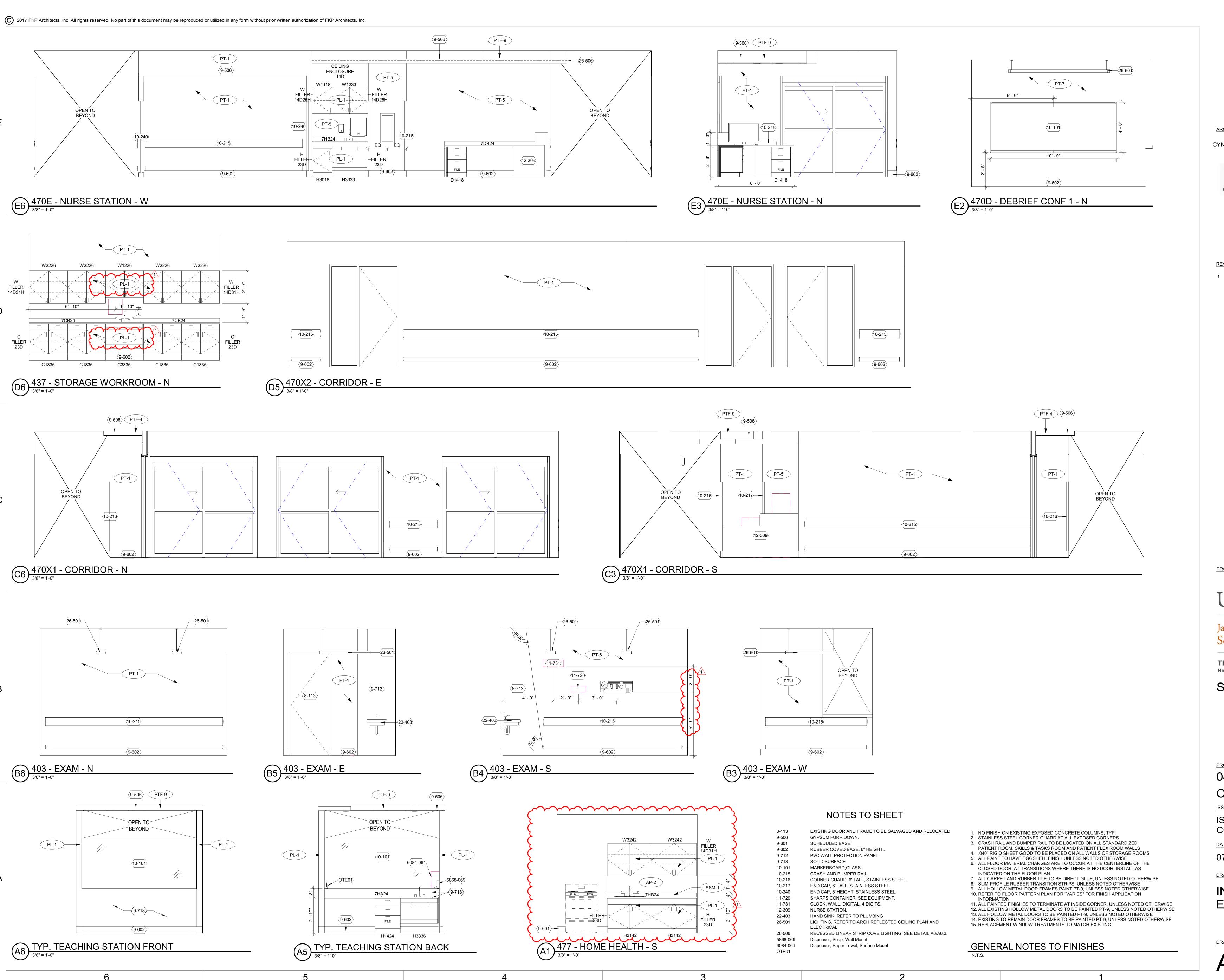
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DRAWING TITLE

INTERIOR ELEVATIONS

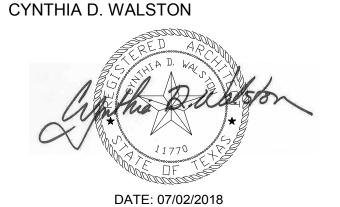
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A5.3





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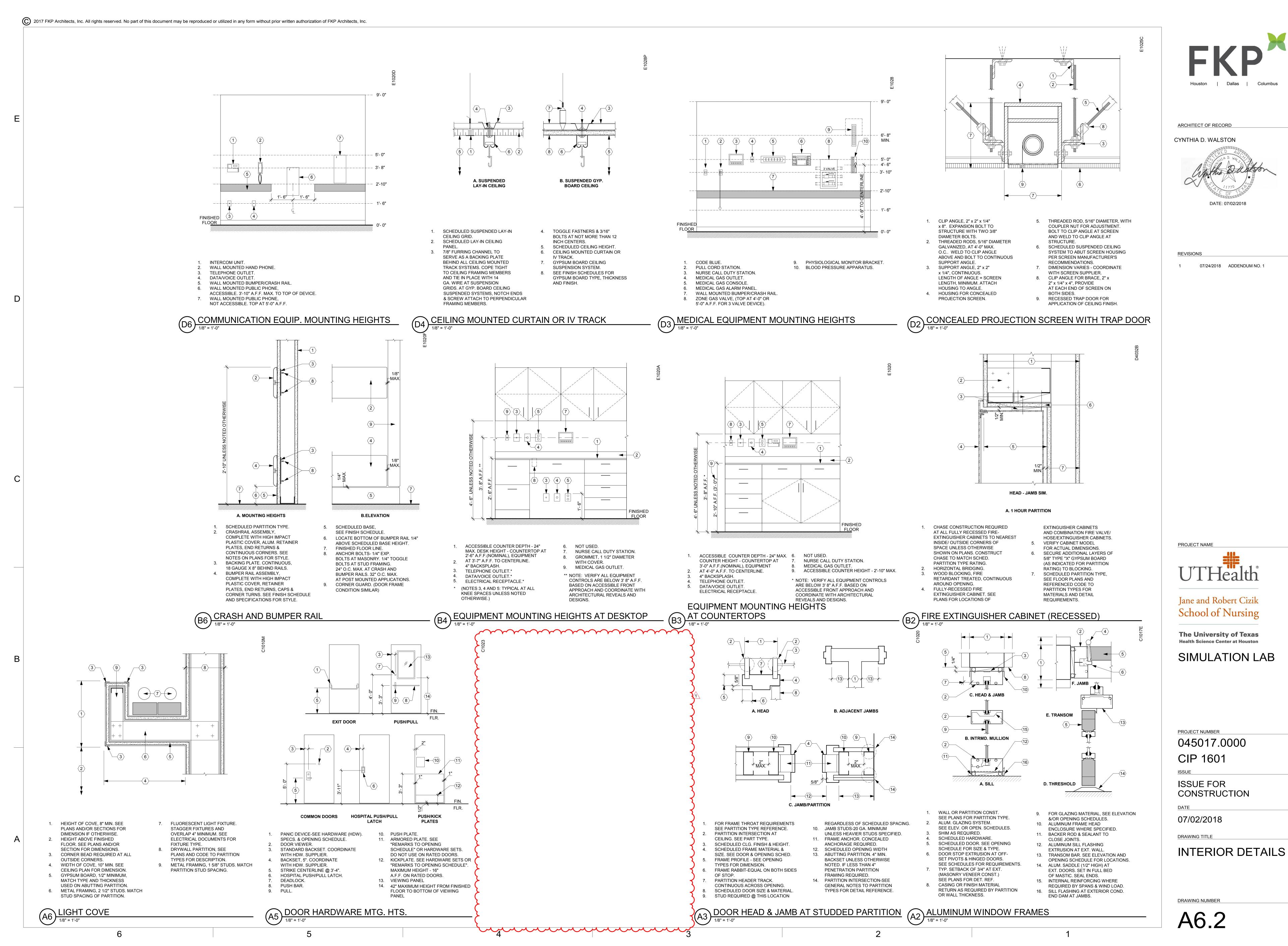
07/02/2018

DRAWING TITLE

INTERIOR ELEVATIONS

DRAWING NUMBER

A5.4



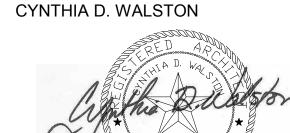
1. NO FINISH ON EXISTING EXPOSED CONCRETE COLUMNS, TYP. 2. STAINLESS STEEL CORNER GUARD AT ALL EXPOSED CORNERS 3. CRASH RAIL AND BUMPER RAIL TO BE LOCATED ON ALL STANDARDIZED PATIENT ROOM, SKILLS & TASKS ROOM AND PATIENT FLEX ROOM WALLS 4. .040" RIGID SHEET GOOD TO BE PLACED ON ALL WALLS OF STORAGE ROOMS 5. ALL PAINT TO HAVE EGGSHELL FINISH UNLESS NOTED OTHERWISE 6. ALL FLOOR MATERIAL CHANGES ARE TO OCCUR AT THE CENTERLINE OF THE CLOSED DOOR. AT TRANSITIONS WHERE THERE IS NO DOOR, INSTALL AS INDICATED ON THE FLOOR PLAN 7. ALL CARPET AND RUBBER TILE TO BE DIRECT GLUE, UNLESS NOTED OTHERWISE 8. SLIM PROFILE RUBBER TRANSITION STRIPS, UNLESS NOTED OTHERWISE 9. ALL HOLLOW METAL DOOR FRAMES PAINT PT-9, UNLESS NOTED OTHERWISE 10. REFER TO FLOOR PATTERN PLAN FOR "VARIES" FOR FINISH APPLICATION INFORMATION 11. ALL PAINTED FINISHES TO TERMINATE AT INSIDE CORNER, UNLESS NOTED OTHERWISE 12. ALL EXISTING HOLLOW METAL DOORS TO BE PAINTED PT-9, UNLESS NOTED OTHERWISE 13. ALL HOLLOW METAL DOORS TO BE PAINTED PT-9, UNLESS NOTED OTHERWISE 14. EXISTING TO REMAIN DOOR FRAMES TO BE PAINTED PT-9, UNLESS NOTED OTHERWISE 15. REPLACEMENT WINDOW TREATMENTS TO MATCH EXISTING GENERAL NOTES TO FINISHES NOTES TO SHEET EXISTING FLOOR TRANSITION TO BE REUSED (A.1)— RT-3 RT-3 RT-3 CPT-1 CPT-1 CPT-1 RT-1 RT-1 OPEN TO BELOW RT-3 RT-3 CPT-1 RT-3 CPT-1 FT-1 _____C • RT-1 FT-1 RT-1 RT-1 CPT-1 CPT-1 FT-1 CPT-1 FT-1 CPT-1 **D** EXT CPT-1 CPT-1 5 7.7 A6 Level 4 - FLOOR PATTERN PLAN

1/8" = 1'-0" 6 5

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PROJECT NUMBER

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DATE

07/02/2018

DRAWING TITLE

LEVEL 4 FLOOR PATTERN PLAN

DRAWING NUMBER

IA5.1

				SC	CHEDULE	E - DIFFUSER & GRIL	LE	
MARK	CFM RANGE	NECK SIZE	SUPPLY	RETURN	EXHAUST	TYPE	PATTERN	MANUFACTURER & MODEL NUMBER
Α	30-80	NA	Х			8" ROUND FLOOR DISPLACEMENT	STAR	PRICE RFDD WITH DISTRIBUTOR BASKET AND DAMPER
В	30-80	NA	X			10" ROUND FLOOR DISPLACEMENT	STAR	PRICE RFDD WITH DISTRIBUTOR BASKET AND DAMPER
С	416-600	12" X 12"		Х	Х	24" X 24" PERF. FACE	PERF	PRICE APDDR ALUMINUM CONSTRUCTION
D	601-815	22" X 22"		Х	Х	24" X 24" PERF. FACE	PERF	PRICE APDDR ALUMINUM CONSTRUCTION
E	RE: DWGS	RE: DWGS	Х			SIDEWALL GRILLE	DOUBLE DEFLECTION	PRICE 620 FS, 3/4" BLADE SPACING ALUMINUM FACE AND FRAME
F	RE: DWGS	RE: DWGS		Х	Х	SIDEWALL GRILLE	SINGLE DEFLECTION	PRICE 630 FL ALUMINUM FACE AND FRAME
G	0-130	6"			Х	12" X 12" PERF. FACE	PERF	PRICE APDDR ALUMINUM CONSTRUCTION

AIR DEVICE NOMENCLATURE

— DIFFUSER MARK

DIFFUSER & GRILLE SCHEDULE NOTES

- MAX NC-30 FOR ALL AIR DEVICES. NC SHALL BE CALCULATED AS PER AHRI 885-2008 ASSUMING LAY-IN ACOUSTICAL TILE.
- PROVIDE INTEGRAL OBD FOR SIDEWALL DIFFUSERS AND GRILLES.
 ALL DIFFUSERS IN GYP. BOARD CEILINGS TO HAVE FLOATABLE EDGE TRIM.

												(SCHEDU	JLE - FA	N COIL	JNIT									
								FAN & MO	TOR									(COOLING WA	TER COIL					
			_			EVT C D	TOTAL C.D.	мотор							MINI CENC	MIN.	MΔY	ENT WID					LATMD	MAY ELLID	
MARK	TYPE	DRIVE	SERVES	UNIT SIZE	FAN CFM	EXT. S.P. IN. WG	TOTAL S.P. IN. WG	MOTOR HP	FAN QTY.	FAN RPM	VOLTS	PHASE	HERTZ	COIL CFM	MIN. SENS BTUH	TOTAL BTUH	ROWS	ENT. WTR. GPM	EWT ºF	LWT ºF	EAT DB ºF	EAT WB ºF LAT DB º		MAX FLUID PD. ft. H20	REMARKS
FCU-04-01	VERTICAL	DIRECT(ROOM #430	} 12	1,460	0.05	0.45	1/2	1	1100	208	1	60	1460	31,040	38,930	4	5.5	42	56	78	65 58.7	56.3	5.00 E	BASIS OF DESIGN ENVIRO-TEC MODEL CDV
FCU-04-02	VERTICAL	DIRECT(ROOM #4M01	30	2,235	0.05	0.40	1/4	2	1088	208	1	60	2235	47,390	60,160	4	8.5	42	56	75	63 55.8	53.8	7.00 E	BASIS OF DESIGN ENVIRO-TEC MODEL CDV

FAN COIL UNIT GENERAL NOTES

A. FURNISH AND INSTALL WITHOUT EXCEPTION MINIMUM HORSEPOWER (SIZE) AS SCHEDULED.

FAN COIL UNIT SCHEDULE NOTES

1. UNIT SHALL HAVE A SINGLE POINT POWER CONNECTION. SEPARATE BUT ADJACENT COMBINATION STARTER/DISCONNECT SWITCH TO BE PROVIDED BY DIVISION 26.

									SC	CHEDU	LE - AHU	(EXISTIN	NG)										
					SUPPL	Y AIR							COOL	ING CO	IL 1								
																MAX					1	İ	
			TOTAL													FACE							
	TOTAL	EXT. S.P.		MOTOR	MOTOR	MOTOR HP			FAN	COIL	MIN. SENS.	TOTAL	ENT. WTR.	EWT	LWT	VEL.	EAT	EAT	LAT	LAT	AIR PD	H2O PD	
MARK	CFM	IN. W.G.	W.G.	RPM	BHP (EA)	(EA)	VOLTS I	PH HZ	RPM	CFM	MBTUH	MBTUH	GPM	ºF	ºF	FPM	DB ºF	WBºF	DB ºF	WB ºF	(inWC)	(ft)	REMARKS
SNAHU/4-1	10950	1.10	2.10	1167	7.4	7.5	460	3 60	1197	10950	148.0	148.0	13.6	42	64	510	67.0	58.5	54.6	53.6	0.52	30.1	
SNAHU/4-2	10950	1.10	2.10	1167	7.4	7.5	460	3 60	1197	10950	148.0	148.0	13.6	42	64	510	67.0	58.5	54.6	53.6	0.52	30.1	

EXISTING AIR HANDLING UNIT GENERAL NOTES

- REBALANCE EXISTING AIR HANDLING UNITS TO THE ABOVE SCHEDULE.
 CONTRACTOR TO COORDINATE WITH OWNER AND TAB CONTRACTOR TO MINIMIZE DISRUPTION TO OCCUPIED SPACES.

2825 Wilcrest, Suite #350 Houston, Texas 77042 Ph. 713.780.7563 Fax.713.780.9209 Texas Registered Engineering Firm F-2113

1 07/24/2018 ADDENDUM NO. 1





Jane and Robert Cizik School of Nursing

The University of Texas
Health Science Center at Houston

SIMULATION CENTER

PROJECT NUMBER

045017.0000

CIP 1601

ISSUE FOR CONSTRUCTION

07/02/18

DRAWING TITLE

MECHANICAL SCHEDULES

DRAWING NUMBER

M0.1

2

Α

	Z POOM	}	_		LOOR AIR TE		ARY AIR	OPULE	NAAV O -
70NF (ROOM	MADIC	1 5/51	DOV TVDE	SERVED BY		i	GRILLE	MAX S.I
ZONE	NUMBER	MARK	LEVEL	BOX TYPE	AHU/FAN	MAX (CFM)	MIN (CFM)	DIMENSION (IN.)	IN. WC
ZN1	421	UVAV-4-001	LEVEL 4	VAV	SNAHU/4-1	115	40	10 X 10	0.1
ZN1	421	<i>UVAV-4-002</i>	LEVEL 4	VAV	SNAHU/4-1	115	45	10 X 10	0.1
ZN2	423	UVAV-4-003	LEVEL 4	VAV	SNAHU/4-1	120	45	10 X 10	0.1
ZN2	423	UVAV-4-004	LEVEL 4	VAV	SNAHU/4-1	120	45	10 X 10	0.1
ZN2	423	UVAV-4-005	LEVEL 4	VAV	SNAHU/4-1	120	45	10 X 10	0.1
ZN3	425) UVAV-4-006	LEVEL 4	VAV	SNAHU/4-1	135	40	10 X 10	0.1
ZN3	425	UVAV-4-007	LEVEL 4	VAV	SNAHU/4-1	135	40	10 X 10	0.1
ZN4	427	 				<u> </u>	_		
	4) UVAV-4-008	LEVEL 4	VAV	SNAHU/4-1	150	40	10 X 10	0.1
ZN4 (427) UVAV-4-009	LEVEL 4	VAV	SNAHU/4-1	150	45	10 X 10	0.1
ZN5 (429	UVAV-4-010	LEVEL 4	VAV	SNAHU/4-1	125	45	10 X 10	0.1
ZN5	429	\frac{1}{2} UVAV-4-011	LEVEL 4	VAV	SNAHU/4-1	125	45	10 X 10	0.1
ZN5 (429	UVAV-4-012	LEVEL 4	VAV	SNAHU/4-1	125	45	10 X 10	0.1
ZN6 (4H02	UVAV-4-013	LEVEL 4	VAV	SNAHU/4-1	150	45	10 X 10	0.1
ZN8 (440	UVAV-4-014	LEVEL 4	VAV	SNAHU/4-1	125	45	10 X 10	0.1
ZN8 (440	UVAV-4-015	LEVEL 4	VAV	SNAHU/4-1	125	45	10 X 10	0.1
ZN8 (440	UVAV-4-016	LEVEL 4	VAV	SNAHU/4-1	125	45	10 X 10	0.1
	}	}				<u> </u>			
ZN9 (440	UVAV-4-017	LEVEL 4	VAV	SNAHU/4-1	110	40	10 X 10	0.1
ZN9 (440	UVAV-4-018	LEVEL 4	VAV	SNAHU/4-1	110	40	10 X 10	0.1
ZN9 (440	UVAV-4-019	LEVEL 4	VAV	SNAHU/4-1	110	40	10 X 10	0.1
ZN9 (440	UVAV-4-020	LEVEL 4	VAV	SNAHU/4-1	100	45	10 X 10	0.1
ZN10 (440	UVAV-4-021	LEVEL 4	VAV	SNAHU/4-1	100	45	10 X 10	0.1
ZN10 (440	UVAV-4-022	LEVEL 4	VAV	SNAHU/4-1	100	30	10 X 10	0.1
ZN10 (440	UVAV-4-023	LEVEL 4	VAV	SNAHU/4-1	100	30	10 X 10	0.1
		<u> </u>							
ZN11 (440	UVAV-4-024	LEVEL 4	VAV	SNAHU/4-1	125	40	10 X 10	0.1
ZN11	440	UVAV-4-025	LEVEL 4	VAV	SNAHU/4-1	100	40	10 X 10	0.1
ZN11	440	UVAV-4-026	LEVEL 4	VAV	SNAHU/4-1	100	40	10 X 10	0.1
ZN12	437	UVAV-4-027	LEVEL 4	VAV	SNAHU/4-1	100	40	10 X 10	0.1
ZN12	437	UVAV-4-028	LEVEL 4	VAV	SNAHU/4-1	100	40	10 X 10	0.1
ZN13	4H04	UVAV-4-029	LEVEL 4	VAV	SNAHU/4-1	130	40	10 X 10	0.1
ZN14	440	UVAV-4-030	LEVEL 4	VAV	SNAHU/4-1	100	30	10 X 10	0.1
ZN14	440	UVAV-4-031	LEVEL 4	VAV	SNAHU/4-1	100	30	10 X 10	0.1
ZN14 (445) UVAV-4-031	LEVEL 4	VAV	SNAHU/4-1	100	40	10 X 10	0.1
	4	<u> </u>				<u> </u>			
ZN15 (445) UVAV-4-033	LEVEL 4	VAV	SNAHU/4-1	100	40	10 X 10	0.1
ZN15 (445) UVAV-4-034	LEVEL 4	VAV	SNAHU/4-1	100	45	10 X 10	0.1
ZN15 (445) UVAV-4-035	LEVEL 4	VAV	SNAHU/4-1	100	45	10 X 10	0.1
ZN16	445) UVAV-4-036	LEVEL 4	VAV	SNAHU/4-1	150	45	10 X 10	0.1
ZN16	445	} UVAV-4-037	LEVEL 4	VAV	SNAHU/4-1	100	45	10 X 10	0.1
ZN16 (445	UVAV-4-038	LEVEL 4	VAV	SNAHU/4-1	100	45	10 X 10	0.1
ZN17 (445	UVAV-4-039	LEVEL 4	VAV	SNAHU/4-1	125	45	10 X 10	0.1
ZN17 (445	\ UVAV-4-040	LEVEL 4	VAV	SNAHU/4-1	125	45	10 X 10	0.1
	445	UVAV-4-041	LEVEL 4	VAV	SNAHU/4-1	<u> </u>	30		
ZN17 ()				150		10 X 10	0.1
ZN17 (445	UVAV-4-042	LEVEL 4	VAV	SNAHU/4-1	150	30	10 X 10	0.1
ZN17 (445	UVAV-4-043	LEVEL 4	VAV	SNAHU/4-1	150	30	10 X 10	0.1
ZN18 (445	UVAV-4-044	LEVEL 4	VAV	SNAHU/4-1	150	30	10 X 10	0.1
ZN18 (445	₹ UVAV-4-045	LEVEL 4	VAV	SNAHU/4-1	150	30	10 X 10	0.1
ZN18 (445	UVAV-4-046	LEVEL 4	VAV	SNAHU/4-1	150	30	10 X 10	0.1
ZN19 (445	UVAV-4-047	LEVEL 4	VAV	SNAHU/4-1	100	45	10 X 10	0.1
ZN19 (445	UVAV-4-048	LEVEL 4	VAV	SNAHU/4-1	100	45	10 X 10	0.1
ZN19 /	445	UVAV-4-049	LEVEL 4	VAV	SNAHU/4-1	100	45	10 X 10	0.1
		\					_		
ZN19	445	UVAV-4-050	LEVEL 4	VAV	SNAHU/4-1	100	45	10 X 10	0.1
ZN20	450	UVAV-4-051	LEVEL 4	VAV	SNAHU/4-1	150	45	10 X 10	0.1
ZN20	450	UVAV-4-052	LEVEL 4	VAV	SNAHU/4-1	150	45	10 X 10	0.1
ZN20	450	<i>\</i> UVAV-4-053	LEVEL 4	VAV	SNAHU/4-1	150	45	10 X 10	0.1
ZN21	450	UVAV-4-054	LEVEL 4	VAV	SNAHU/4-1	100	45	10 X 10	0.1
ZN21	450	UVAV-4-055	LEVEL 4	VAV	SNAHU/4-1	100	45	10 X 10	0.1
ZN21	450	UVAV-4-056	LEVEL 4	VAV	SNAHU/4-1	100	45	10 X 10	0.1
ZN21	450	UVAV-4-057	LEVEL 4	VAV	SNAHU/4-1	100	45	10 X 10	0.1
ZN21 (450) UVAV-4-057	LEVEL 4	VAV	SNAHU/4-1	100	45	10 X 10	0.1
	1	<u> </u>		ļ					
ZN21	450) UVAV-4-059	LEVEL 4	VAV	SNAHU/4-1	100	45	10 X 10	0.1
ZN21	450) UVAV-4-060	LEVEL 4	VAV	SNAHU/4-1	100	45	10 X 10	0.1
ZN22	450) UVAV-4-061	LEVEL 4	VAV	SNAHU/4-1	150	45	10 X 10	0.1
ZN22 (450	} UVAV-4-062	LEVEL 4	VAV	SNAHU/4-1	130	45	10 X 10	0.1
ZN22 (450	UVAV-4-063	LEVEL 4	VAV	SNAHU/4-1	130	45	10 X 10	0.1
ZN23 (450	UVAV-4-064	LEVEL 4	VAV	SNAHU/4-1	100	45	10 X 10	0.1
ZN23 (450	UVAV-4-065	LEVEL 4	VAV	SNAHU/4-1	100	45	10 X 10	0.1
ZN23 (450	UVAV-4-066	LEVEL 4	VAV	SNAHU/4-1	125	45	10 X 10	0.1
ZN23 (450	UVAV-4-067	LEVEL 4	VAV	SNAHU/4-1	125	45	10 X 10	0.1
	}	}							
ZN24 (460	UVAV-4-068	LEVEL 4	VAV	SNAHU/4-2	125	45	10 X 10	0.1
ZN24 (460	UVAV-4-069	LEVEL 4	VAV	SNAHU/4-2	125	45	10 X 10	0.1
ZN24 (460	UVAV-4-070	LEVEL 4	VAV	SNAHU/4-2	125	45	10 X 10	0.1
ZN25 (460	UVAV-4-071	LEVEL 4	VAV	SNAHU/4-2	125	45	10 X 10	0.1
ZN25 (460	UVAV-4-072	LEVEL 4	VAV	SNAHU/4-2	125	45	10 X 10	0.1
ZN26	460	UVAV-4-073	LEVEL 4	VAV	SNAHU/4-2	125	45	10 X 10	0.1
ZN26	460	UVAV-4-074	LEVEL 4	VAV	SNAHU/4-2	125	45	10 X 10	0.1
ZN26	460	UVAV-4-075	LEVEL 4	VAV	SNAHU/4-2	125	45	10 X 10	0.1
ZN26	460	UVAV-4-076	LEVEL 4	VAV	SNAHU/4-2	125	45	10 X 10	0.1
ZN27	470D	UVAV-4-076	LEVEL 4	VAV	SNAHU/4-2	135	45	10 X 10	0.1
		<u> </u>							
ZN27	470D	UVAV-4-078	LEVEL 4	VAV	SNAHU/4-2	135	45	10 X 10	0.1
ZN27	470D	UVAV-4-079	LEVEL 4	VAV	SNAHU/4-2	135	45	10 X 10	0.1
ZN27	470D	UVAV-4-080	LEVEL 4	VAV	SNAHU/4-2	135	45	10 X 10	0.1
ZN27	470D	UVAV-4-081	LEVEL 4	VAV	SNAHU/4-2	135	45	10 X 10	0.1
ZN27	470D	UVAV-4-082	LEVEL 4	VAV	SNAHU/4-2	135	45	10 X 10	0.1
ZN28	470C	UVAV-4-083	LEVEL 4	VAV	SNAHU/4-2	150	45	10 X 10	0.1
ZN29	470C 470B	UVAV-4-083	LEVEL 4	VAV	SNAHU/4-2	150	45	10 X 10	0.1
	4								-
ZN30	470A) UVAV-4-085	LEVEL 4	VAV	SNAHU/4-2	150	45	10 X 10	0.1
ZN31	470G) UVAV-4-086	LEVEL 4	VAV	SNAHU/4-2	125	40	10 X 10	0.1
ZN31	470G	UVAV-4-087	LEVEL 4	VAV	SNAHU/4-2	125	40	10 X 10	0.1
ZN31 (470G	UVAV-4-088	LEVEL 4	VAV	SNAHU/4-2	125	40	10 X 10	0.1
	470G	UVAV-4-089	LEVEL 4	VAV	SNAHU/4-2	125	40	10 X 10	0.1
ZN31 (- ·	/							
ZN31 (3 470G	\ UVAV-4-090	LEVEL 4	l VAV	SNAHU/4-2	125	40	10 X 10	0.1

~~~	
{ UN	DERFLOOR TERMINAL BOX NOMENCLATURE
<u> </u>	TERMINAL BOX FLOOR LOCATION  TERMINAL BOX —— UVAV-1-10 —— BOX NUMBER
<b>\</b>	[5000]
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	MAXIMUM CFM ——————————————————————————————————

SNAHU/4-2

SNAHU/4-2

105

105

45

40

10 X 10

10 X 10

0.1

0.1

LEVEL 4

LEVEL 4 VAV

UVAV-4-152

ZN51 ( 419 \ UVAV-4-153

VAV

# SINGLE DUCT UNDERFLOOR TERMINAL BOX SCHEDULE GENERAL NOTES

- A. ABOVE SELECTIONS BASED ON YORK FLEX SYS MODEL MIT3-CS.
  B. INLET SIZE INDICATED IS THE MINIMUM INLET SIZE ACCEPTABLE. MANUFACTURER MAY INCREASE INLET SIZE IF NECESSARY TO MEET PROJECT REQUIREMENTS.
- MAX SP IN.WG IS THE MAXIMUM STATIC PRESSURE DROP ALLOWED THROUGH THE BOX AT SCHEDULED MAXIMUM CFM.
- D. TERMINAL BOX SHALL BE OPERATED BY 24V POWER. PROVIDE CONTROL POWER TRANSFORMER UNDERFLOOR POWER MODULE PER
- SPECIFICATIONS. DIVISION 26 SHALL PROVIDE SINGLE POINT POWER CONNECTION TO EACH UNDER FLOOR POWER MODULE.
  PROVIDE UNDERFLOOR POWER MODULE JUNCTION BOX. ONE POWER MODULE JUNCTION BOX FOR MAXIMUM OF TEN TERMINAL UNITS. POWER MODULE JUNCTION BOX BASIS OF DESIGN FLEX SYS MODEL PM-4. COORDINATE WITH DIVISION 26 FOR ELECTRICAL CONNECTIONS.

<u>/1\</u>	~~~~													
ZONE (	ROOM NUMBER	MARK	LEVEL	BOX TYPE	SERVED BY AHU/FAN	PRIMAX (CFM)	ARY AIR MIN (CFM)	GRILLE DIMENSION (IN.)	MAX S.I					
ZN31	470G	UVAV-4-092	LEVEL 4	VAV	SNAHU/4-2	150	45	10 X 10	0.1					
ZN32	477	UVAV-4-093	LEVEL 4	VAV	SNAHU/4-2	150	45	10 X 10	0.1					
ZN32	477	UVAV-4-094	LEVEL 4	VAV	SNAHU/4-2	150	45	10 X 10	0.1					
ZN32	477	) UVAV-4-094	LEVEL 4	VAV	SNAHU/4-2	150	45	10 X 10	0.1					
ZN33 (	475	) UVAV-4-095	LEVEL 4	VAV	SNAHU/4-2	125	45	10 X 10	0.1					
ZN33 (	475	) UVAV-4-096 ) UVAV-4-097	LEVEL 4	VAV	SNAHU/4-2	125	45	10 X 10	0.1					
ZN33 (	475	UVAV-4-097	LEVEL 4	VAV	SNAHU/4-2	125	45	10 X 10	0.1					
	475	UVAV-4-098	LEVEL 4	VAV	SNAHU/4-2	125	45	10 X 10	0.1					
ZN33 (	<u> </u>													
ZN33 (	475	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	LEVEL 4	VAV	SNAHU/4-2	125	45	10 X 10	0.1					
ZN34 (	470H	UVAV-4-101	LEVEL 4	VAV	SNAHU/4-2	125	40	10 X 10	0.1					
ZN34 (	470H	UVAV-4-102	LEVEL 4	VAV	SNAHU/4-2	125	40	10 X 10	0.1					
ZN34 (	470H	UVAV-4-103	LEVEL 4	VAV	SNAHU/4-2	125	40	10 X 10	0.1					
ZN34 (	470H	UVAV-4-104	LEVEL 4	VAV	SNAHU/4-2	125	40	10 X 10	0.1					
ZN34 (	470H	UVAV-4-105	LEVEL 4	VAV	SNAHU/4-2	150	45	10 X 10	0.1					
ZN34 (	470H	UVAV-4-106	LEVEL 4	VAV	SNAHU/4-2	125	40	10 X 10	0.1					
ZN34 (	470H	UVAV-4-107	LEVEL 4	VAV	SNAHU/4-2	125	40	10 X 10	0.1					
ZN35 (	470K	UVAV-4-108	LEVEL 4	VAV	SNAHU/4-2	125	40	10 X 10	0.1					
ZN35	470K	UVAV-4-109	LEVEL 4	VAV	SNAHU/4-2	125	40	10 X 10	0.1					
ZN35	470K	UVAV-4-110	LEVEL 4	VAV	SNAHU/4-2	125	40	10 X 10	0.1					
ZN35	470K	UVAV-4-111	LEVEL 4	VAV	SNAHU/4-2	125	40	10 X 10	0.1					
ZN36	4701	UVAV-4-112	LEVEL 4	VAV	SNAHU/4-2	125	45	10 X 10	0.1					
ZN36	4701	UVAV-4-113	LEVEL 4	VAV	SNAHU/4-2	125	45	10 X 10	0.1					
ZN36	4701	UVAV-4-114	LEVEL 4	VAV	SNAHU/4-2	125	45	10 X 10	0.1					
ZN37	470J	UVAV-4-115	LEVEL 4	VAV	SNAHU/4-2	125	45	10 X 10	0.1					
ZN36	470J	UVAV-4-116	LEVEL 4	VAV	SNAHU/4-2	125	45	10 X 10	0.1					
ZN37	470J	UVAV-4-117	LEVEL 4	VAV	SNAHU/4-2	125	45	10 X 10	0.1					
ZN38	470L	) UVAV-4-118	LEVEL 4	VAV	SNAHU/4-2	110	45	10 X 10	0.1					
ZN38	470L	UVAV-4-119	LEVEL 4	VAV	SNAHU/4-2	110	45	10 X 10	0.1					
ZN38	470L	) UVAV-4-120	LEVEL 4	VAV	SNAHU/4-2	110	45	10 X 10	0.1					
ZN39	480	) UVAV-4-121	LEVEL 4	VAV	SNAHU/4-2	150	45	10 X 10	0.1					
ZN39	480	) UVAV-4-122	LEVEL 4	VAV	SNAHU/4-2	150	45	10 X 10	0.1					
ZN39	480	UVAV-4-123	LEVEL 4	VAV	SNAHU/4-2	150	45	10 X 10	0.1					
ZN40	482	UVAV-4-124	LEVEL 4	VAV	SNAHU/4-2	105	35	10 X 10	0.1					
ZN40 (	482	UVAV-4-125	LEVEL 4	VAV	SNAHU/4-2	105	35	10 X 10	0.1					
ZN40 (	482	} UVAV-4-126	LEVEL 4	VAV	SNAHU/4-2	105	35	10 X 10	0.1					
ZN40 (	482	UVAV-4-127	LEVEL 4	VAV	SNAHU/4-2	105	35	10 X 10	0.1					
ZN40 (	482	\ UVAV-4-128	LEVEL 4	VAV	SNAHU/4-2	105	35	10 X 10	0.1					
ZN40 (	482	\ UVAV-4-129	LEVEL 4	VAV	SNAHU/4-2	105	35	10 X 10	0.1					
ZN40 (	482	UVAV-4-130	LEVEL 4	VAV	SNAHU/4-2	105	35	10 X 10	0.1					
ZN41 (	484	UVAV-4-131	LEVEL 4	VAV	SNAHU/4-2	150	45	10 X 10	0.1					
ZN41 (	484	UVAV-4-132	LEVEL 4	VAV	SNAHU/4-2	150	45	10 X 10	0.1					
ZN41 (	484	UVAV-4-133	LEVEL 4	VAV	SNAHU/4-2	150	45	10 X 10	0.1					
ZN42	4H01	UVAV-4-134	LEVEL 4	VAV	SNAHU/4-2	150	45	10 X 10	0.1					
ZN42	4H01	UVAV-4-135	LEVEL 4	VAV	SNAHU/4-2	150	45	10 X 10	0.1					
ZN43	401	UVAV-4-136	LEVEL 4	VAV	SNAHU/4-2	90	45	10 X 10	0.1					
ZN43	401	UVAV-4-137	LEVEL 4	VAV	SNAHU/4-2	90	45	10 X 10	0.1					
ZN44	403	UVAV-4-138	LEVEL 4	VAV	SNAHU/4-2	110	40	10 X 10	0.1					
ZN44	403	UVAV-4-139	LEVEL 4	VAV	SNAHU/4-2	110	40	10 X 10	0.1					
ZN45	405	UVAV-4-140	LEVEL 4	VAV	SNAHU/4-2	90	45	10 X 10	0.1					
ZN45	405	UVAV-4-141	LEVEL 4	VAV	SNAHU/4-2	90	45	10 X 10	0.1					
ZN46	407	UVAV-4-142	LEVEL 4	VAV	SNAHU/4-2	150	45	10 X 10	0.1					
ZN47	409	UVAV-4-143	LEVEL 4	VAV	SNAHU/4-2	120	45	10 X 10	0.1					
ZN47	409	UVAV-4-144	LEVEL 4	VAV	SNAHU/4-2	120	45	10 X 10	0.1					
ZN47	409	UVAV-4-145	LEVEL 4	VAV	SNAHU/4-2	120	45	10 X 10	0.1					
ZN48	413	UVAV-4-146	LEVEL 4	VAV	SNAHU/4-2	90	45	10 X 10	0.1					
ZN48	413	UVAV-4-147	LEVEL 4	VAV	SNAHU/4-2	90	45	10 X 10	0.1					
ZN49	415	UVAV-4-148	LEVEL 4	VAV	SNAHU/4-2	120	40	10 X 10	0.1					
ZN49 (	415	UVAV-4-149	LEVEL 4	VAV	SNAHU/4-2	120	40	10 X 10	0.1					
ZN50 (	417	UVAV-4-150	LEVEL 4	VAV	SNAHU/4-2	120	40	10 X 10	0.1					
ZN50 (	417	UVAV-4-151	LEVEL 4	VAV	SNAHU/4-2	120	40	10 X 10	0.1					
<i>7</i> N51 (	419	UVAV-4-152	I FVFI 4	VAV	SNAHU/4-2	105	45	10 X 10	0.1					

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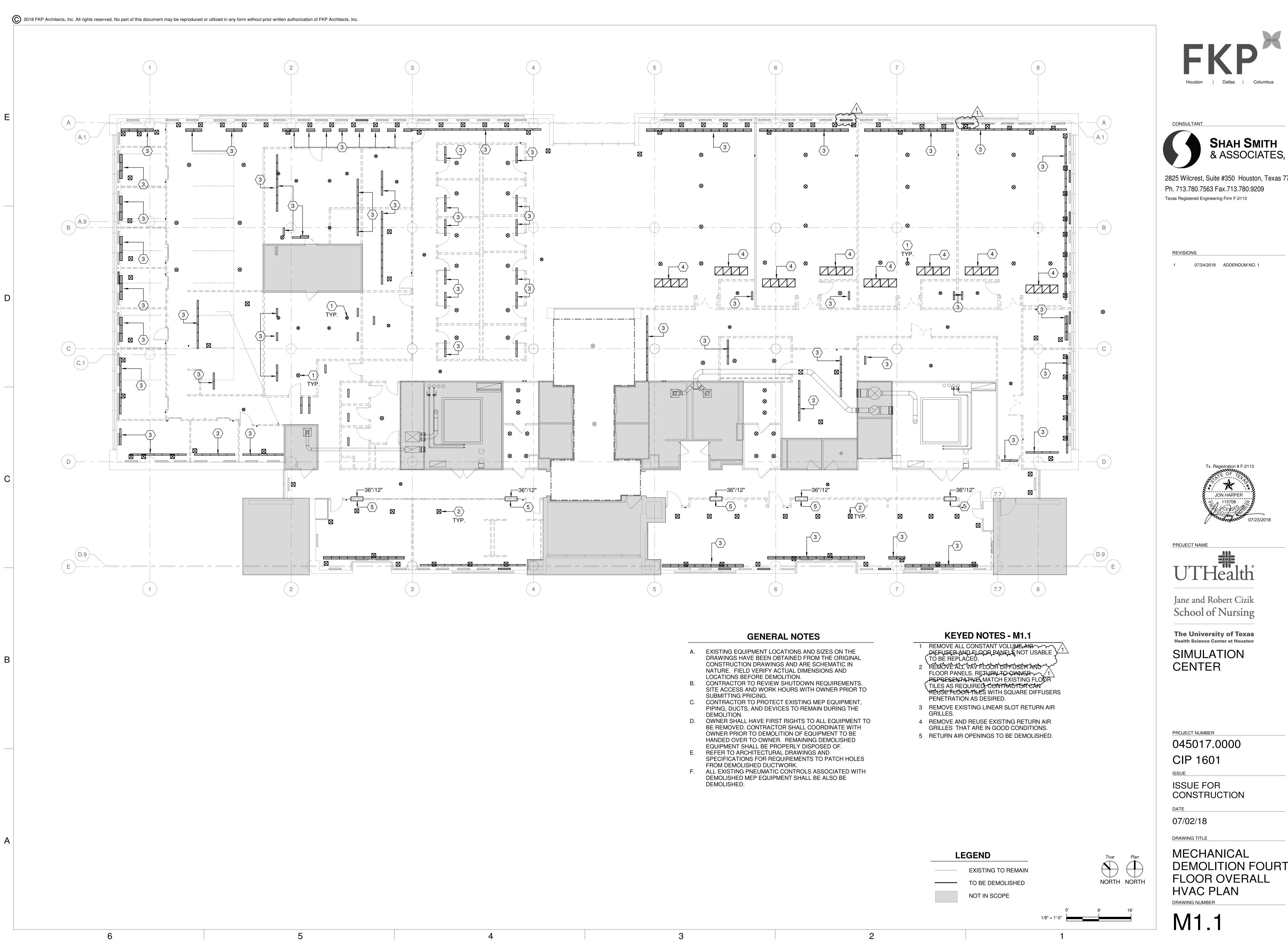
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MECHANICAL SCHEDULES

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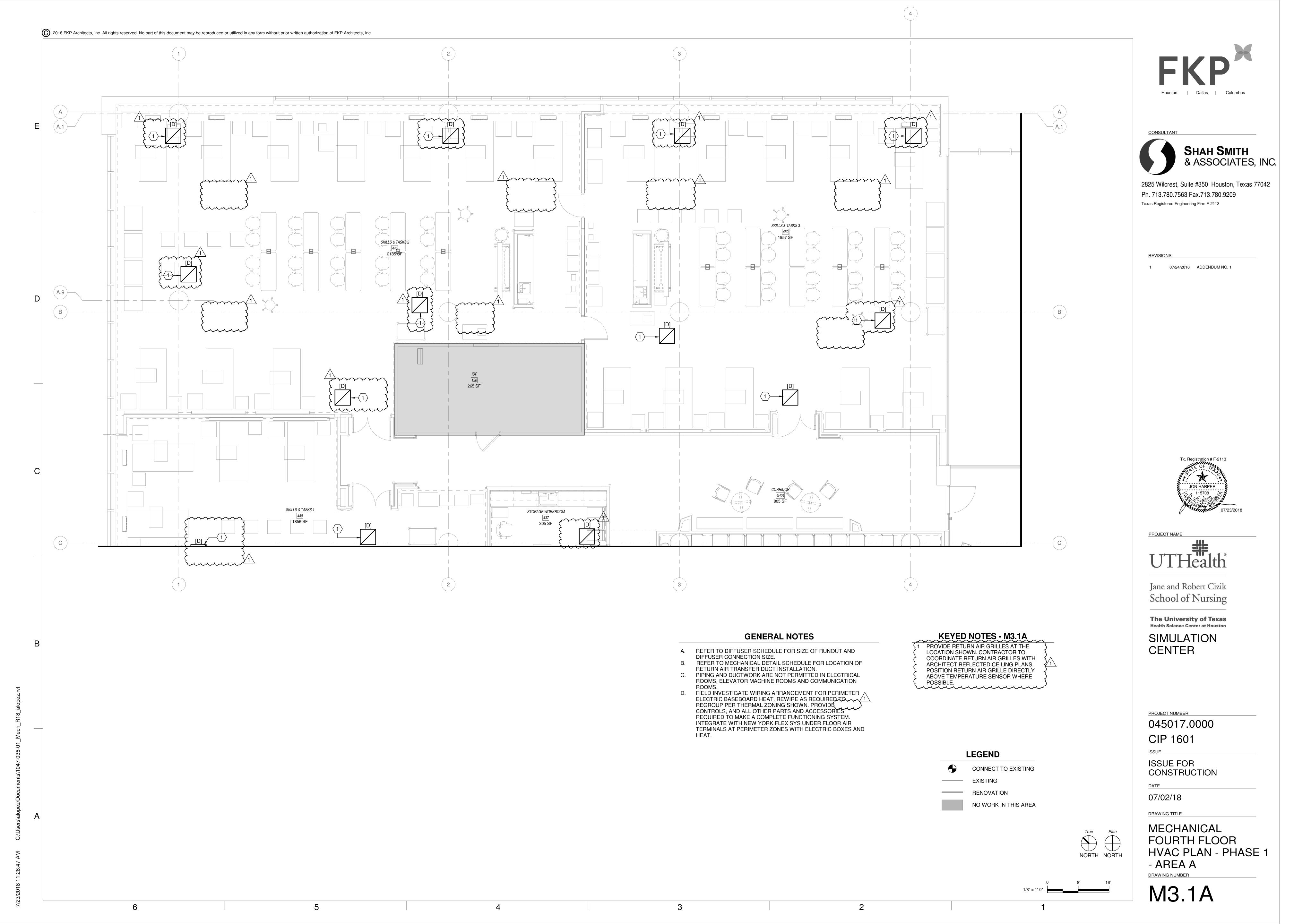
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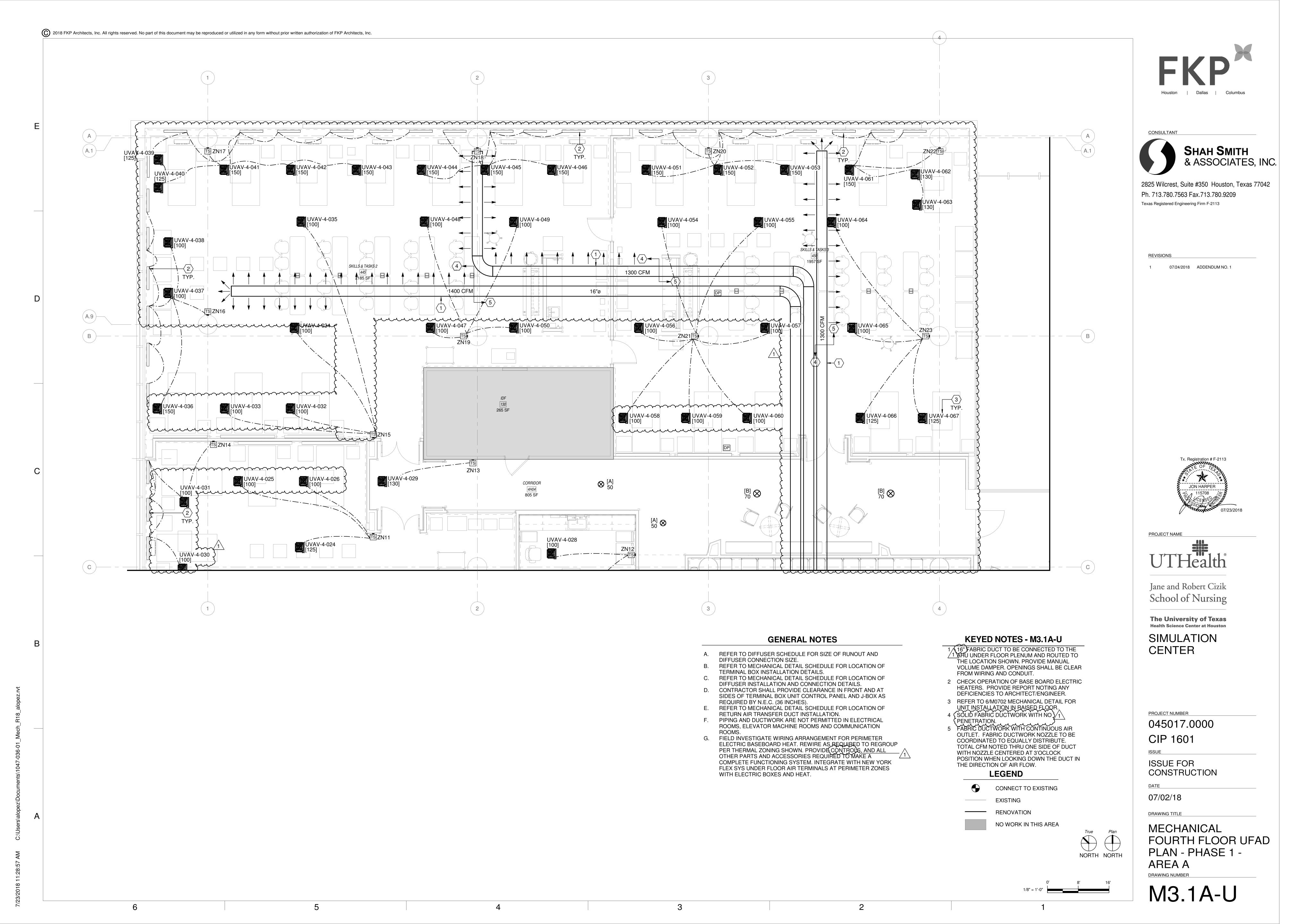
DEMOLITION FOURTH

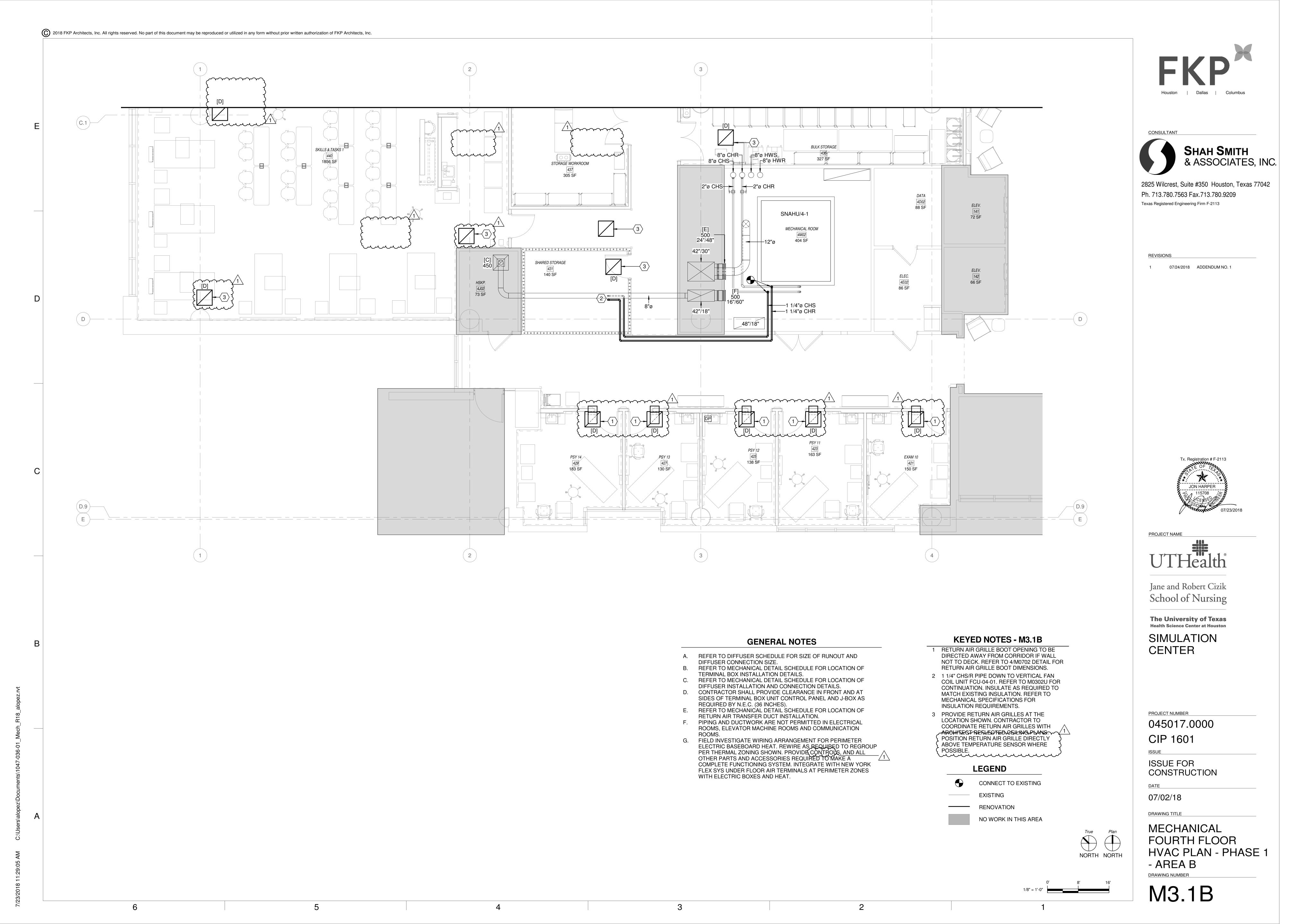


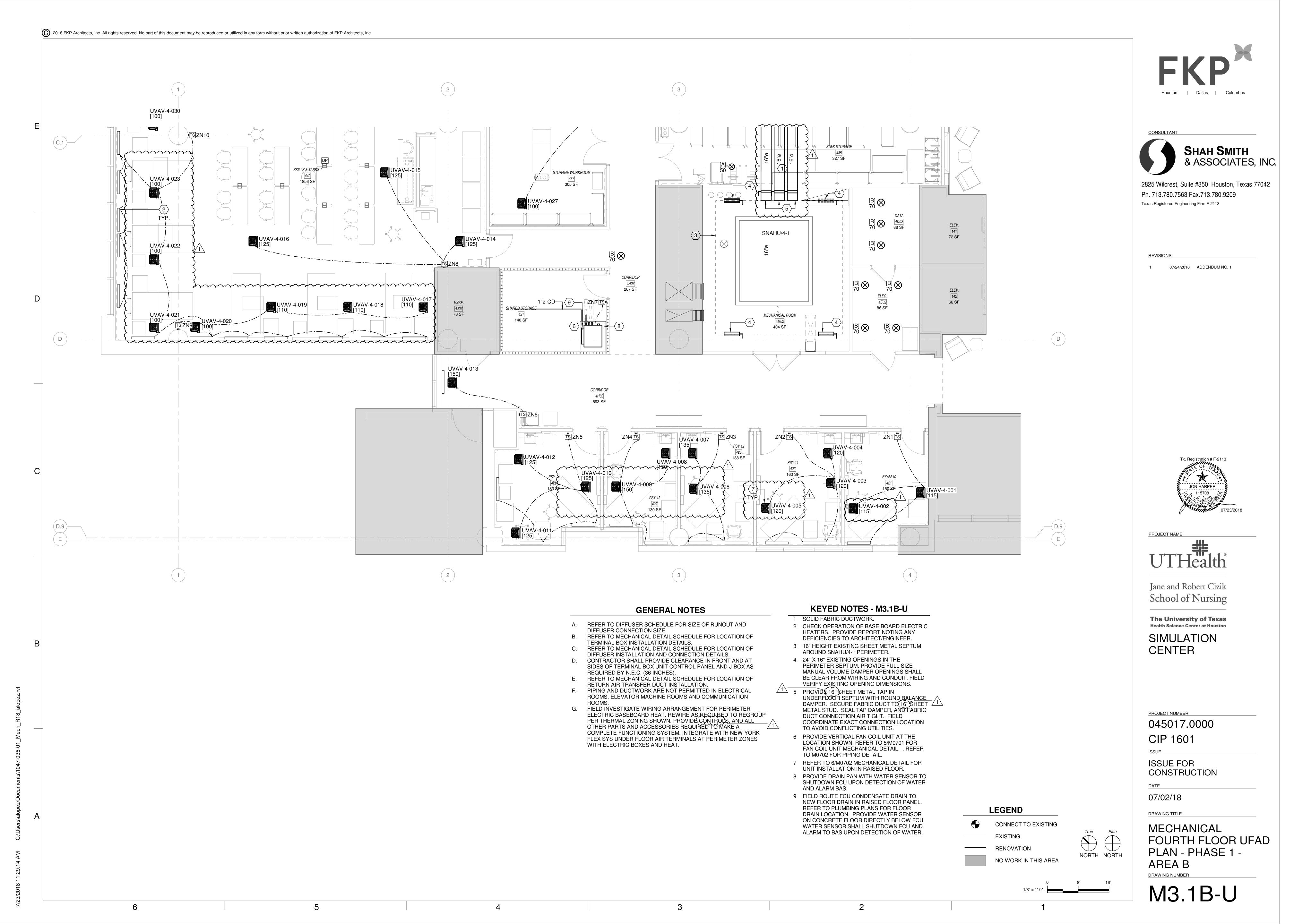
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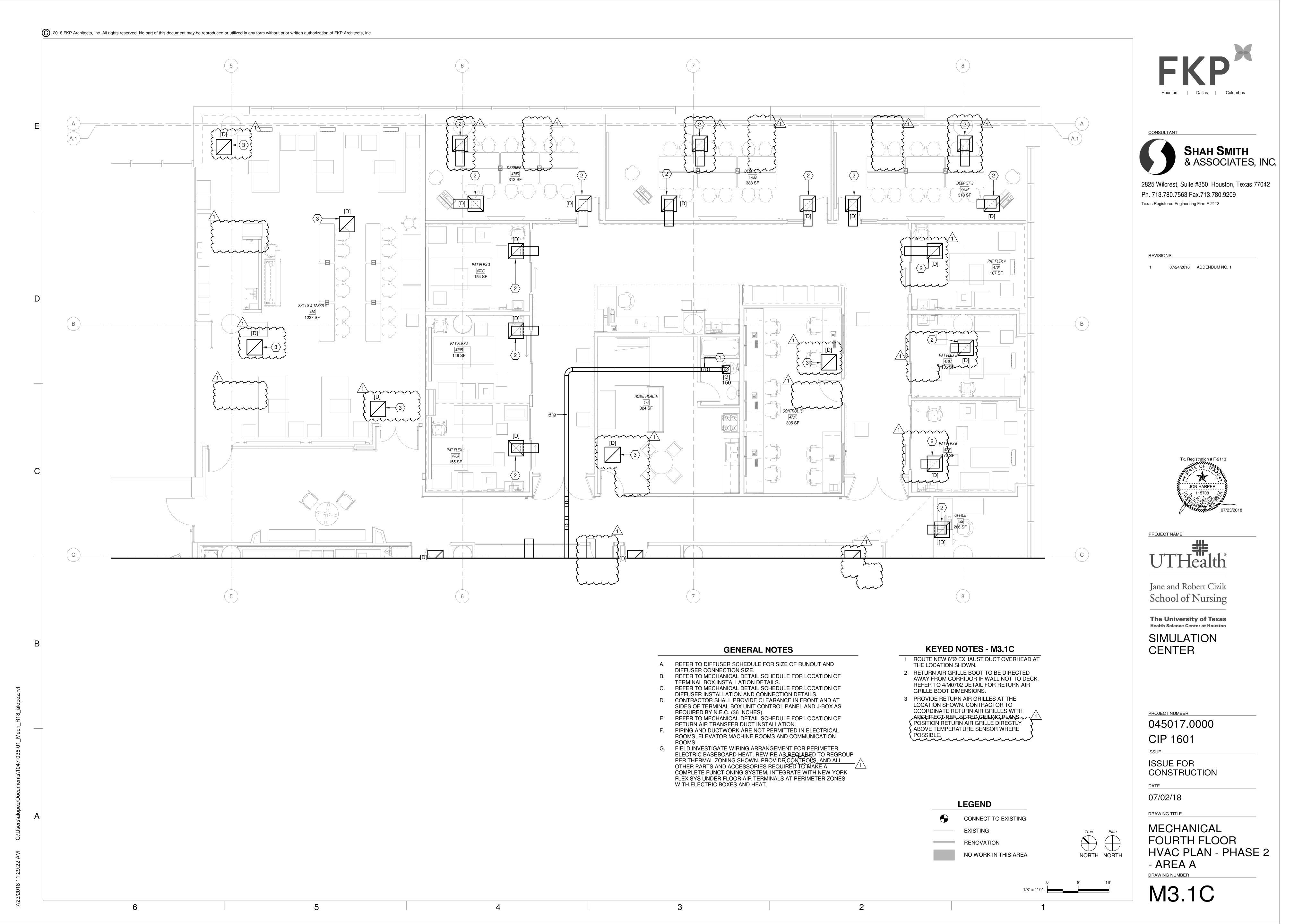
OVERALL HVAC PLAN

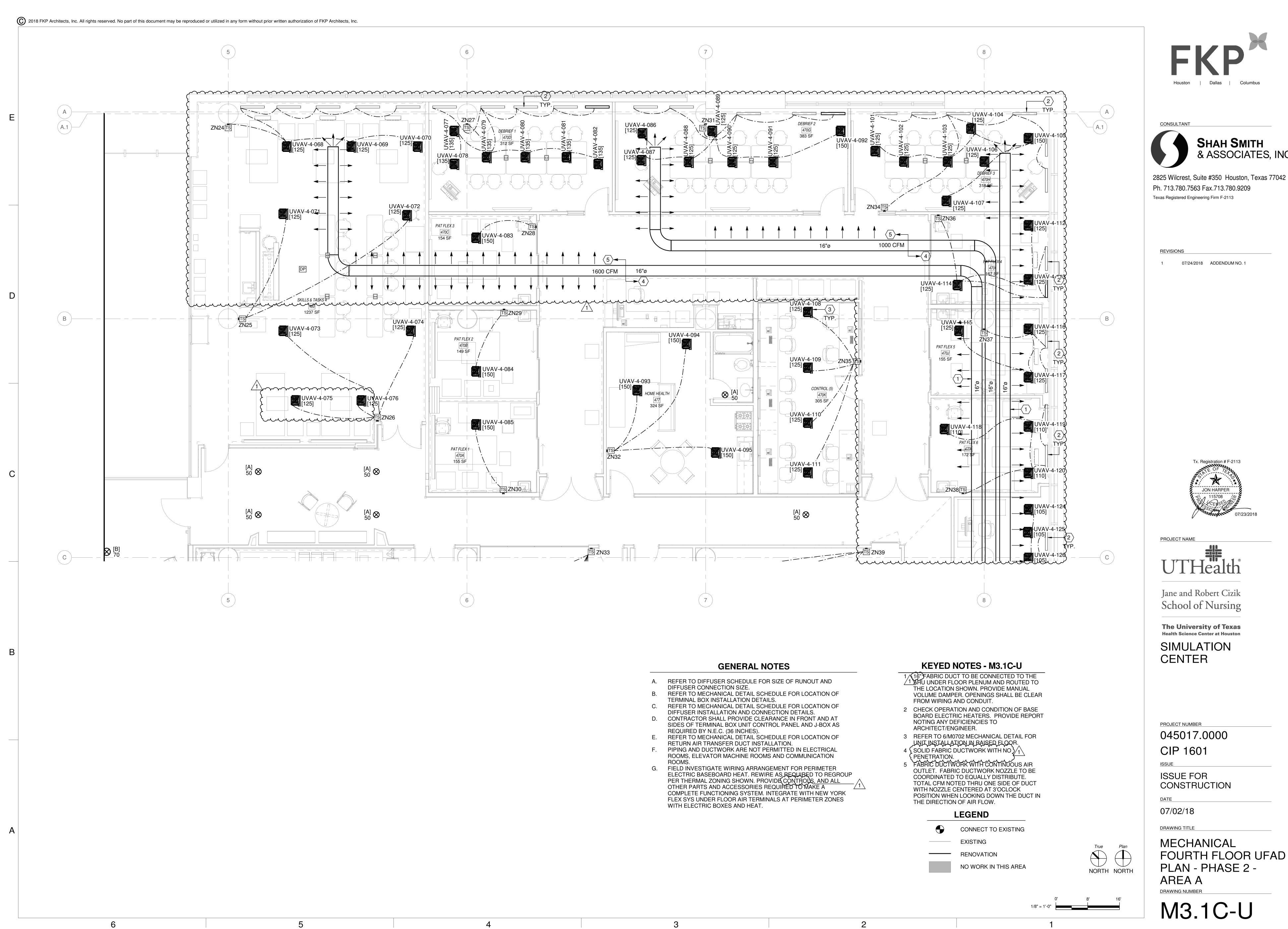


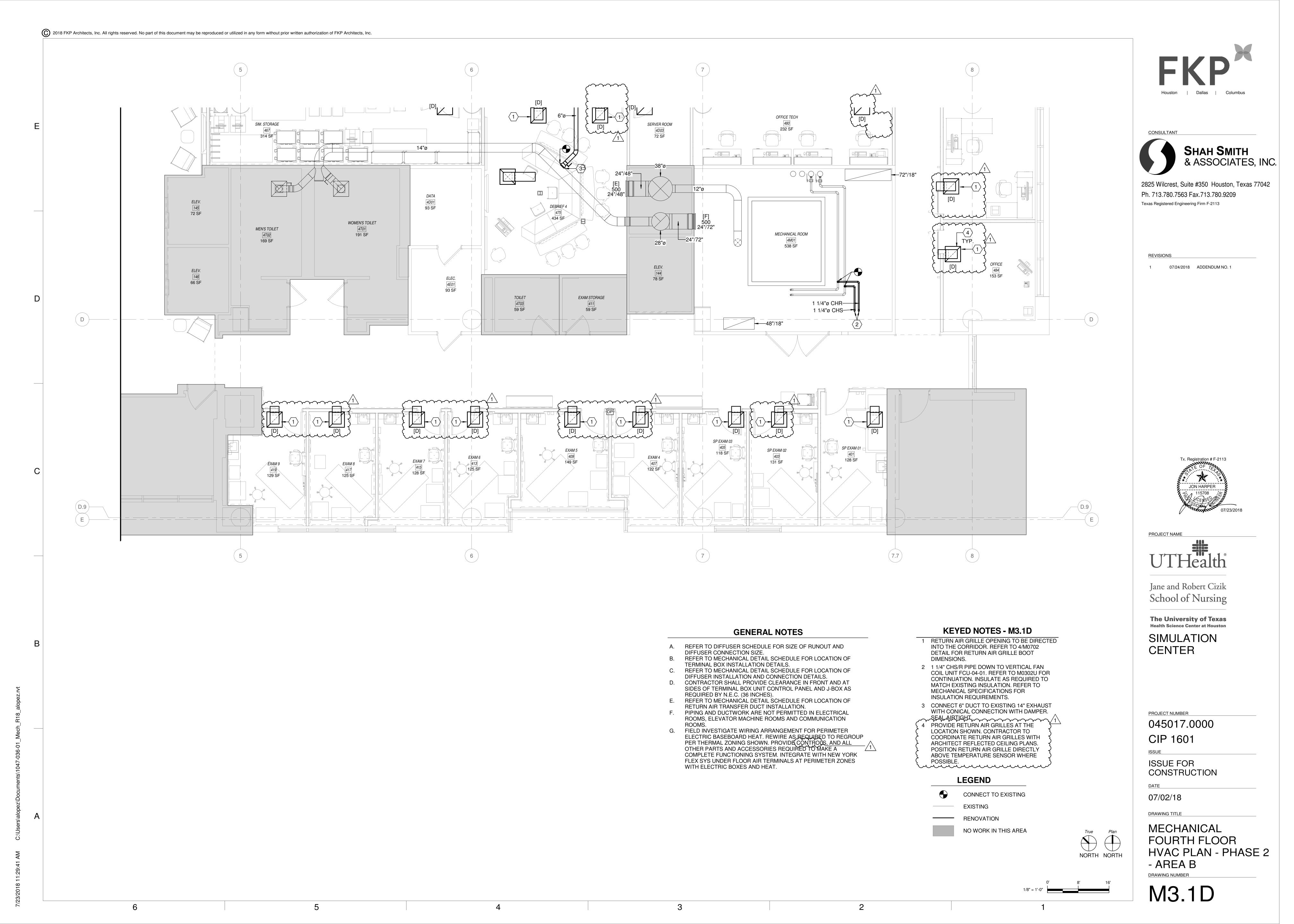


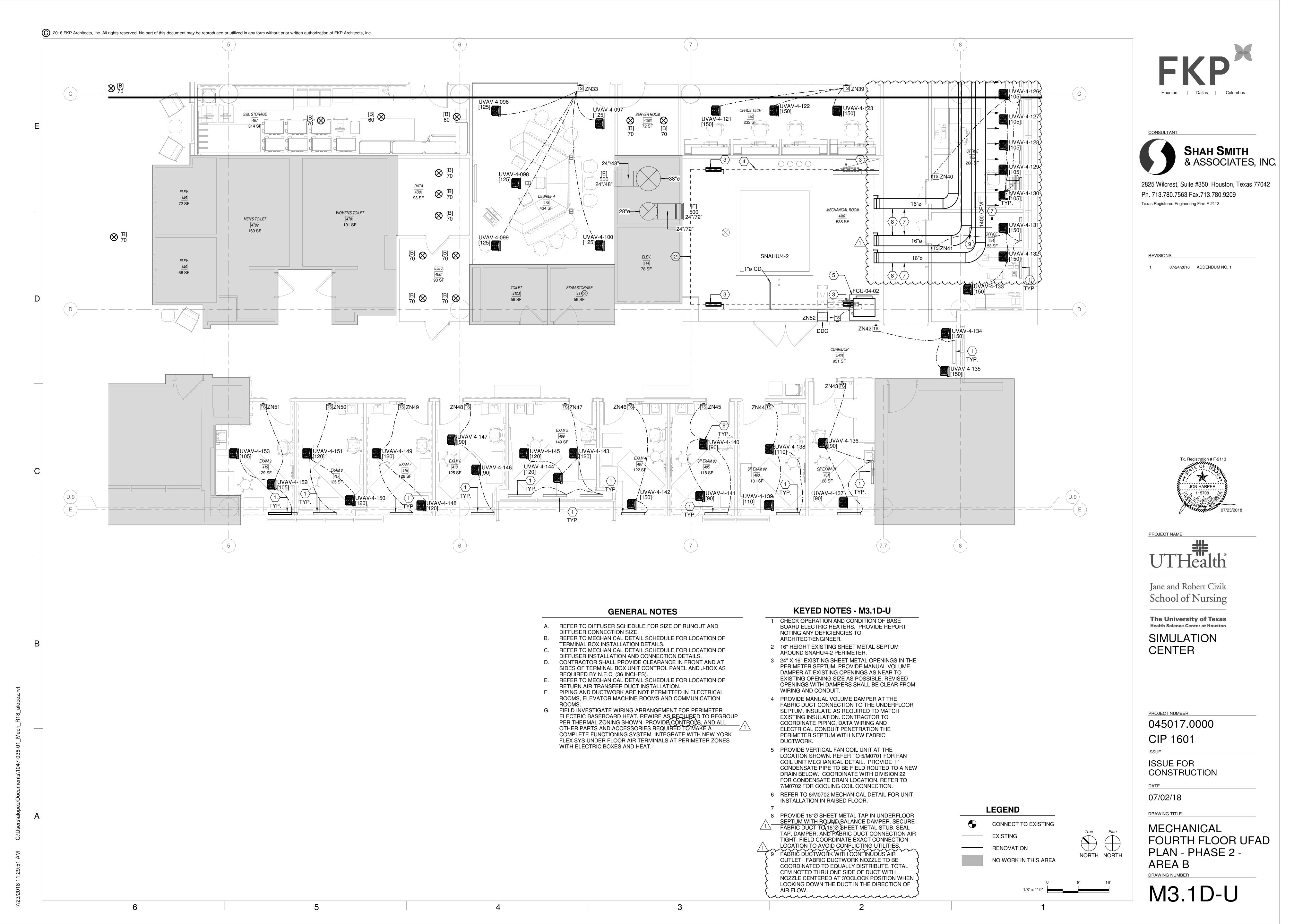


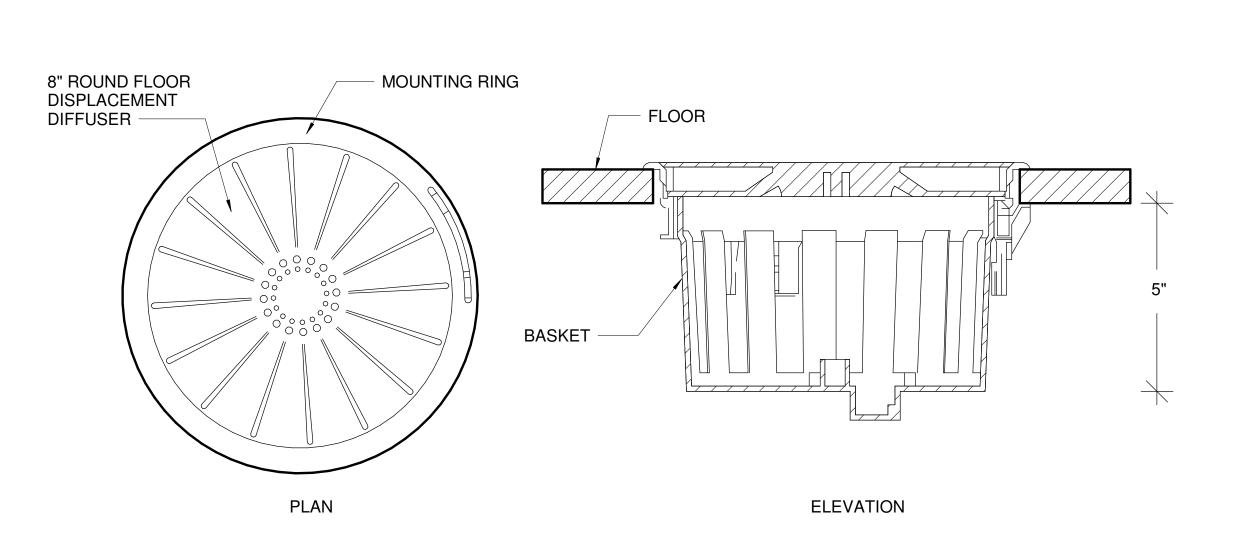












# 1 FLOOR DISPLACEMENT DIFFUSER DETAIL

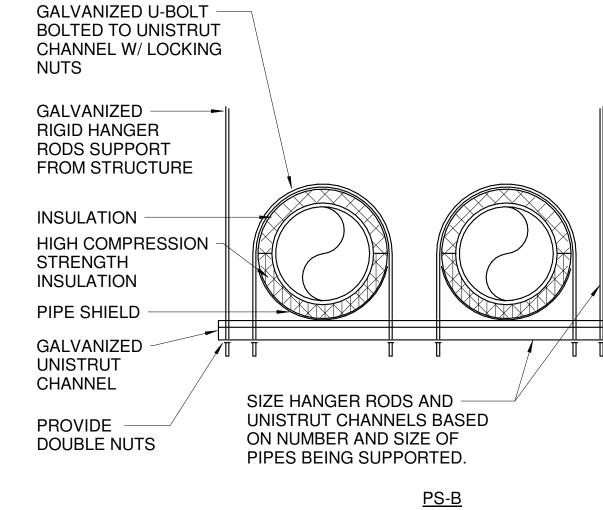
10.39"

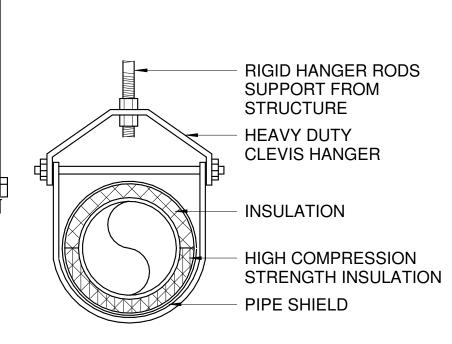
3 FLOOR DIFFUSER DETAIL NO SCALE

DIAMETER

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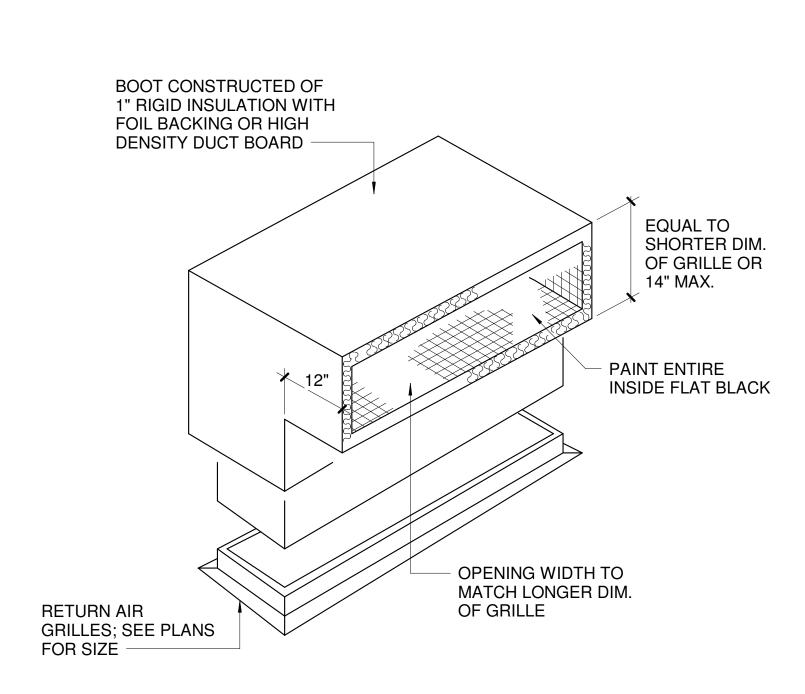
# HANGER ROD SCHEDULE ( CLEVIS ) PIPE SIZE ROD SIZE PIPE SIZE ROD SIZE UP TO 2" 3/8" DIA. 4" thru 5" 5/8" 2 1/2" thru 3" 1/2" DIA. 6" thru 14" 7/8"



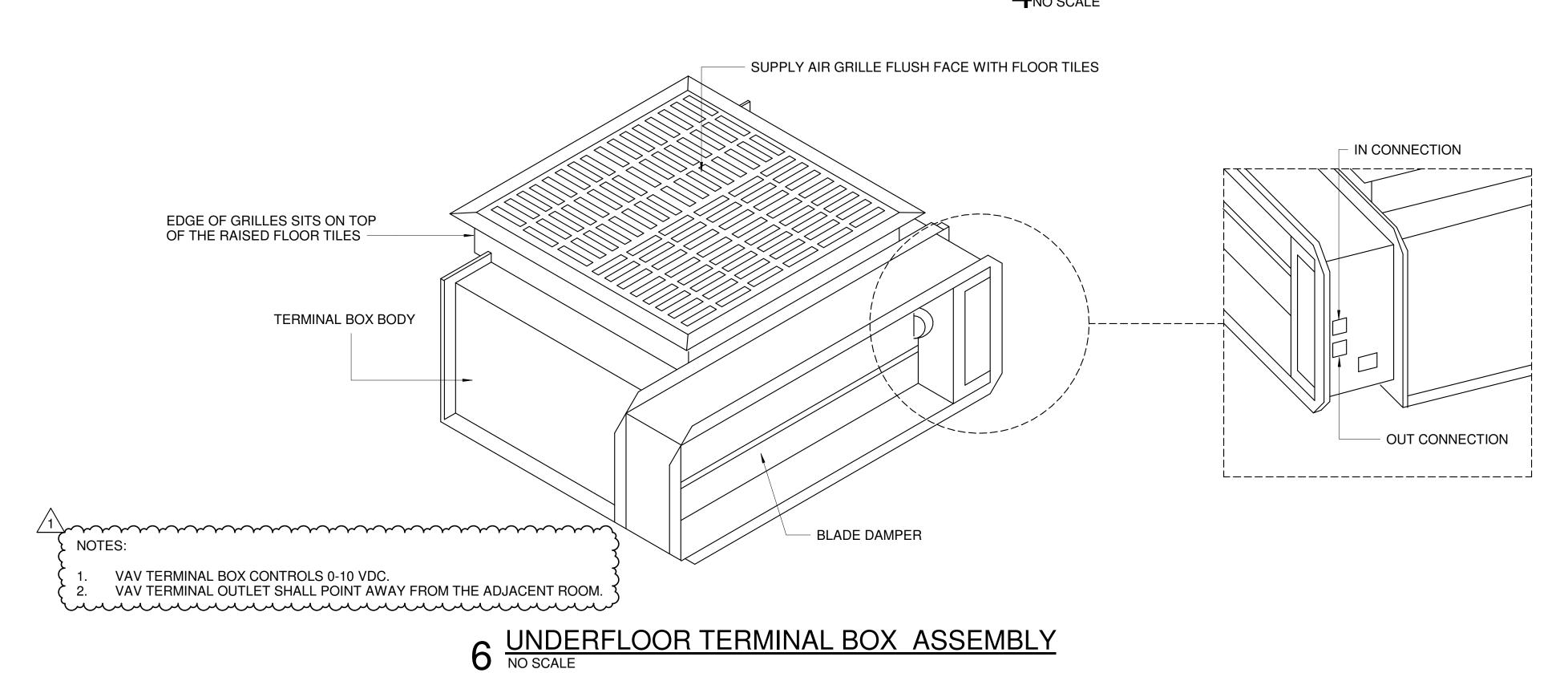


PS-A

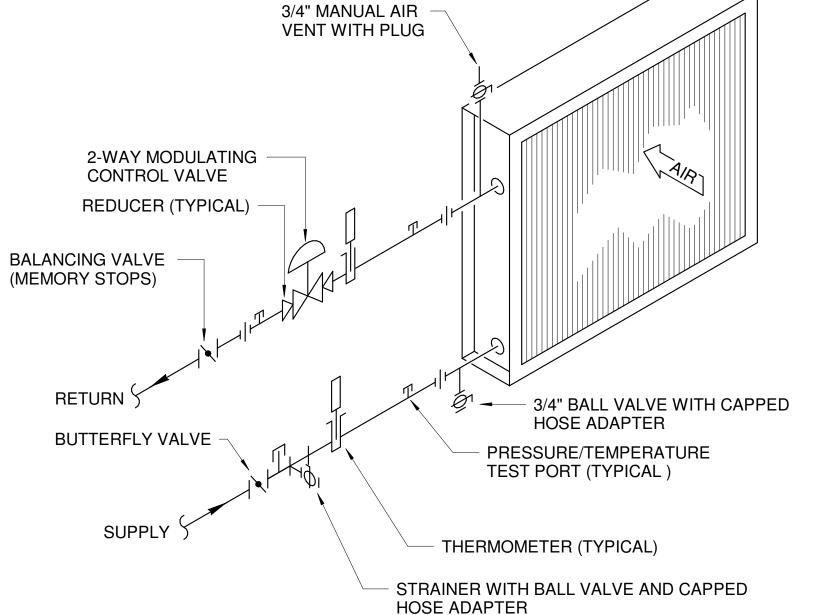
# 2 TYPICAL PIPE SUPPORT DETAIL NO SCALE



# 4 RETURN AIR GRILLE BOOT DETAIL NO SCALE



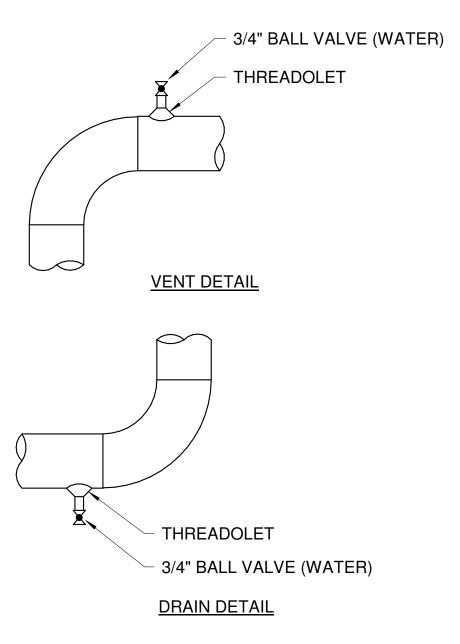
15.81" INTAKE



# NOTES:

- 1. WHERE PIPE SIZE IS 2" OR SMALLER, PROVIDE BALL VALVE IN LIEU OF BUTTERFLY ISOLATION
- INSTALL UNIONS OR FLANGES IN PIPE LOCATIONS OUT OF WAY TO PERMIT COIL REMOVAL.
  FOR TERMINAL AND FAN COIL UNITS PIPING PROVIDE PRESSURE/TEMPERATURE TEST PLUGS
- FOR TERMINAL AND FAN COIL UNITS PIPING PRO ONLY. THERMOMETERS ARE NOT REQUIRED.
- 4. PROVIDE MANUAL AIR VENT AT TERMINAL UNITS.
  5. PROVIDE REDUCERS AT TERMINAL UNIT COIL CONN. AS REQUIRED.
- CONNECT COILS IN COUNTER FLOW ARRANGEMENT.
- PROVIDE UNIONS OR FLANGES IMMEDIATELY UPSTREAM AND DOWNSTREAM OF CONTROL VALVE. 3/4" BALL VALVE WITH CAPPED HOSE ADAPTOR CAN BE OMITTED IF STRAINER IS AT LOW PART OF PIPING.

# 5 DETAIL NO SCALE



7 DRAIN AND VENT DETAIL
NO SCALE



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REVISIONS

07/24/2018 ADDENDUM NO. 1

JON HARPER

115708

07/23/2018

PROJECT NAME



Jane and Robert Cizik
School of Nursing

The University of Texas
Health Science Center at Houston

SIMULATION CENTER

PROJECT NUMBER

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PROJECT NAME



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The University of Texas

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**Health Science Center at Houston** 

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**ELECTRICAL** SYMBOLS, LEGEND AND **ABBREVIATIONS** 

E0.1

2018 FKP Architects, Inc. All rights reserved. No part of this document may be reproduced or utilized in any form without prior written authorization of FKP Architects, Inc. LUMINAIRE SCHEDULE MAX VOLTAGE LAMPS MOUNTING MANUFACTURER DESCRIPTION REMARKS TYPE AND CATALOG NUMBER 120/277 LED LA1 LITHONIA #EPANL 2X4 6000LM 80CRI 40K MIN10 ZT MVOLT 2X4 LINEAR LED FIXTURE, ALUMINUM HOUSING, RECESSED 62 STANDARD WITH 0-10V FLAT WHITE LENS. 4000K DIMMING DRIVER │ LSI #SFP24 LED 50 UE DIM 40 U 80CRI EATON, HUBBELL 6000 LM LA2 LITHONIA #EPANL 2X4 4000LM 80CRI 40K MIN10 ZT MVOLT 2X4 LINEAR LED FIXTURE, ALUMINUM HOUSING, 120/277 LED RECESSED 40 STANDARD WITH 0-10V 4000K DIMMING DRIVER FLAT WHITE LENS. 1\ LSI #SFP24 LED 50 UE DIM 40 U 80CRI 4000 LM EATON, HUBBELL 120/277 40 STANDARD WITH 0-10V LED RECESSED LB LITHONIA #EPANL 1X4 4000LM 80CRI 40K MIN10 ZT MVOLT 1X4 LINEAR LED FIXTURE, ALUMINUM HOUSING, FLAT WHITE LENS. 4000K DIMMING DRIVER 1\ LSI #SFP14 LED 40L UE DIM 40 U 80CRI EATON, HUBBELL 4000 LM 120/277 LC | FINELITE #HP-4 D B 840 F MVOLT FA SC C4 4" LINEAR DIRECT LED PENDANT, ALUMINUM LED RECESSED | 20 / 4' | STANDARD WITH 0-10V 4000K HOUSING, FLAT WHITE LENS. DIMMING DRIVER. /1\> CORONET #LS4 4 40 LTG1 UNV DB W AC SD 80CRI COORDINATE LENGTH WITH 4000 LM **PLANS** FLUXWERX, LUMENWERX 120/277 LED RECESSED 25 STANDARD WITH 0-10V LD USAI# 1020 B1 S 10 LRTD4 9020 M2 50 NCSM DIML2 4" APERTURE LED DOWN LIGHT, SELF FLANGED SEMI-SPECULAR, MATTE-DIFFUSER, CONCEALED 4000K DIMMING DRIVER LUCIFER #F4RFFS1 WH WH 80C16A4 4Y1 AN4 LEDS, SOLID STATE LIGHT ENGINE. 80CRI 1250 LM EATON, PRESCOLITE 120/277 FINELITE #12 LED ID DCO 4E S 840 40U60D MVOLT SC FA CE LINEAR DIRECT/INDIRECT LED PENDANT, ALUMINUM LED RECESSED 32 / 4' STANDARD WITH 0-10V 4000K HOUSING, FLAT WHITE LENS. DIMMING DRIVER. 1\ PMC #S1200 LED DI YAC 4000K 075/075 4 WOA WHT UNV COORDINATE LENGTH WITH 80CRI 3000 LM / 4' FLUXWERX, LUMENWERX 120/277 LED RECESSED 25 / 4' STANDARD WITH 0-10V LG | FINELITE #HP-WS 6W 6D H 840 MVOLT SW SF 6"X6" LINEAR LED COVE, ALUMINUM HOUSING, FLAT WHITE LENS. 4000K DIMMING DRIVER. 80CRI FORUM #SRT 46PER FG 95LED40 SATX4 UNV WH D10V COORDINATE LENGTH WITH 2500 LM FLUXWERX, LUMENWERX UNSWITCHED. LITHONIA #LRP1RC(DIRECTION)120/277

SINGLE FACE EDGE LIT LED EXIT SIGN, BRUSHED ALUMINUM HOUSING, VIRGIN ACRYLIC PANEL, RED SINGLE FACE EDGE LIT LED EXIT SIGN, BRUSHED LETTER ON CLEAR BACKGROUND, DIRECTIONAL 277 XA SISOLITE #ELT FT AC R 1C BA RC UC LED CEILING ARROWS AS INDICATED ON DRAWINGS, TOP UNSWITCHED. LITHONIA #LRP2RMR(DIRECTION)120/277 DOUBLE FACE EDGE LIT LED EXIT SIGN, BRUSHED ALUMINUM HOUSING, VIRGIN ACRYLIC PANEL, RED DOUBLE FACE EDGE LIT LED EXIT SIGN, BRUSHED LETTER ON MIRROR BACKGROUND, DIRECTIONAL 277 LED CEILING ARROWS AS INDICATED ON DRAWINGS, TOP EVENLITE, SURE-LITE



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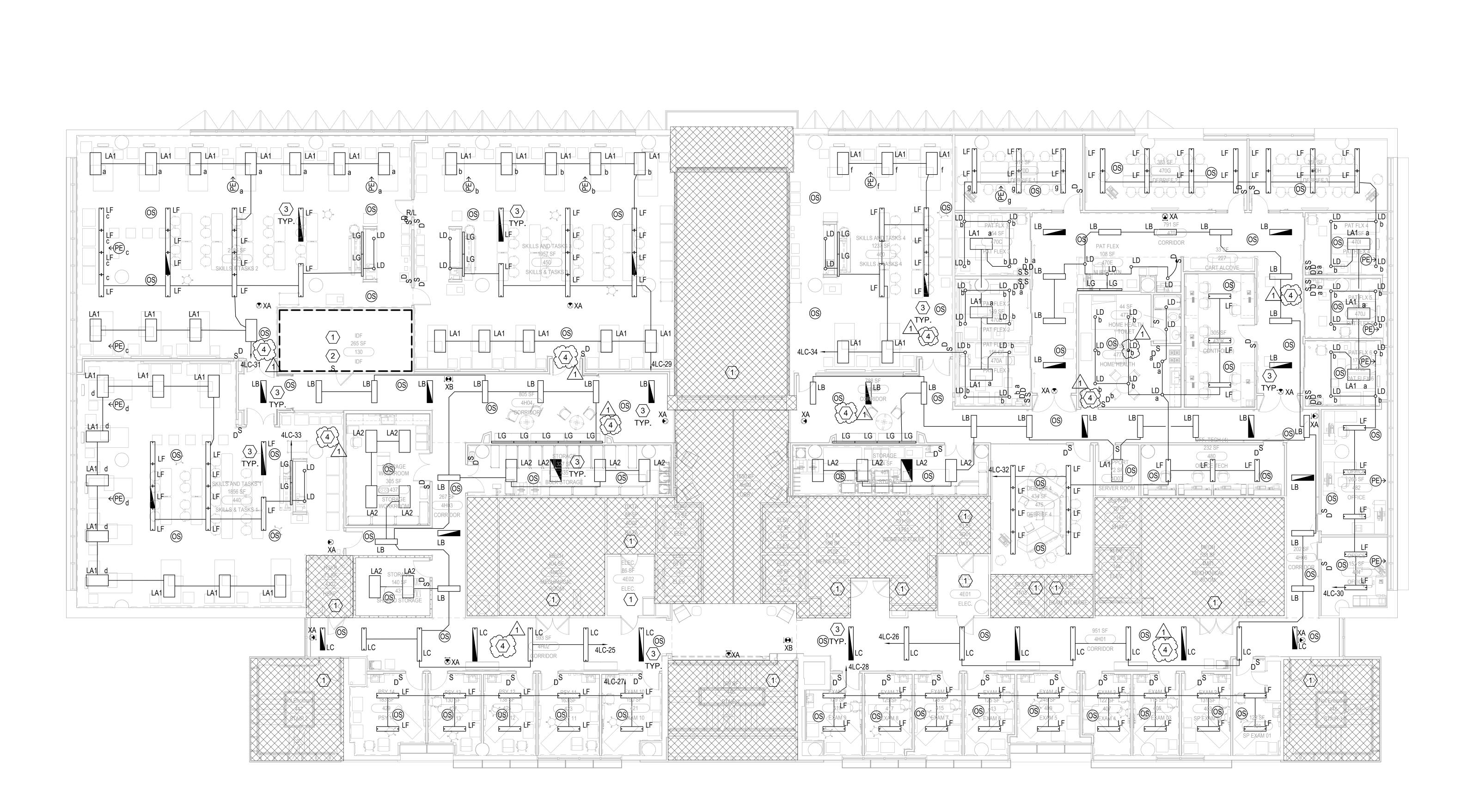
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DDAWING TITLE

LUMINAIRE SCHEDULE

DRAWING NUMBER

E0.3



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LEVEL 04 LIGHTING RENOVATION PLAN

1/8" = 1'-0"

- A ALL EMERGENCY LUMINAIRES AND EXIT LIGHTS ARE TO
- B LIGHTED EXIT SIGNS ARE SHOWN FOR QUANTITIES AND GENERAL LOCATIONS. COORDINATE WITH ARCHITECT
- C SINGLE-FACE EXIT SIGNS ARE TYPE XA, UON.
- D COORDINATE ELECTRICAL WORK WITH ARCHITECT, CIVIL, STRUCTURAL, MECHANICAL, AND PLUMBING SO AS TO AVOID INTERFERENCE WITH OR COMPROMISE OF
- G COORDINATE FINAL LUMINAIRE QUANTITY AND LOCATION WITH ARCHITECTURAL REFLECTING CEILING



# **KEYED NOTES - E1-1**

- 1 EXISTING LIGHTING TO REMAIN.
- 2 RELOCATED LIGHT SWITCH.
- PREVIOUSLY SERVED THIS AREA.

  BASE BID: EMERGENCY FIXTURES SHALL BE

  1
- UNSWITCHED. ALTERNATE NO. 6: PROVIDE UL 924
  RELAY TO CONTROL EMERGENCY LIGHT FIXTURES IN ROOM.



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DRAWING TITLE LEVEL 04 LIGHTING

RENOVATION PLAN

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**GENERAL NOTES - GE01-1** 

REMAIN UNSWITCHED, UNLESS OTHERWISE NOTED.

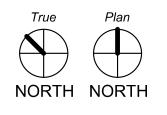
FOR EXACT LOCATION OF LIGHTED EXIST SIGNS.

DOUBLE-FACE SIGNS ARE TYPE XB, UON.

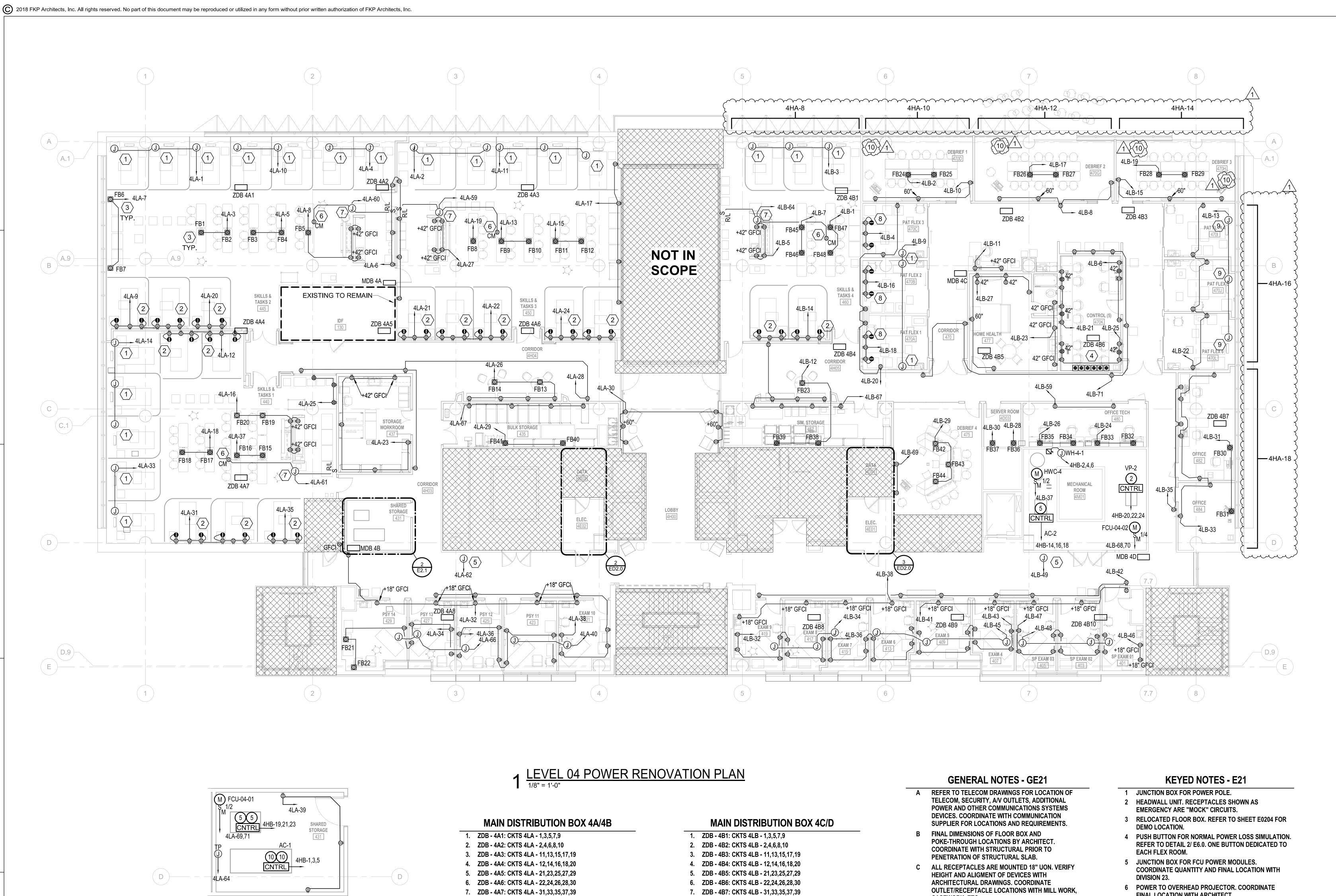
OTHER SYSTEMS.

E SEE ENLARGED ELECTRICAL PLANS FOR LOCATION OF LIGHTING BRANCH CIRCUIT PANELBOARDS AND LIGHTING CONTACTORS.

F LIFE SAFETY LIGHTING ON THIS SHEET IS SERVED FROM PANEL 5LE. NUMBER INDICATES CIRCUIT NUMBER.



2



8. ZDB - 4B8: CKTS 4LB - 32,34,36,38,40

9. ZDB - 4B9: CKTS 4LB - 41,43,45,47,49

10. ZDB - 4B10: CKTS 4LB - 42,44,46,48,50

CASEWORK, ETC.

LOCATE ALL LOCAL DISCONNECT SWITCHES FOR MECHANICAL EQUIPMENT ADJACENT TO, BUT SEPARATE FROM, EQUIPMENT SERVED. PROVIDE SECURELY-ANCHORED METAL FRAMING PER SECTION

E UPDATE PANELBOARD SCHEDULES UPON COMPLETION OF PROJECT TO REFLECT FINAL CIRCUIT NUMBERS AND DESCRIPTIONS.

F DEVICES WITH DEVICE TYPE AND NUMBER ARE RELOCATED. COORDINATE WITH DEMOLITION

G REFER TO ED2.0 FOR EXISTING ELECTRICAL ROOMS.

DRAWINGS.

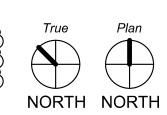
FINAL LOCATION WITH ARCHITECT. POWER TO PROJECTION SCREEN. COORDINATE FINAL LOCATION WITH EQUIPMENT. COORDINATE LOCATION

OF RAISE/LOWER SWITCH WITH ARCHITECTURE. 8 HEADWALL UNIT. RECEPTACLES SHOWN AS EMERGENCY ARE MOCK-EMERGENCY CIRCUITS AND ARE TO CIRCUITED UTILIZING A PUSH BUTTON FOR POWERLOSS SIMULATION. REFER TO KEYED NOTE 4.

9 JUNCTION BOX FOR POWER POLE. RECEPTACLES SHOWN AS EMERGENCY ARE MOCK-EMERGENCY CIRCUITS AND ARE CIRCUITED UTILIZING A PUSH BUTTON FOR POWERLOSS SIMULATION. REFER TO

KEYED NOTE 4.

10 COORDINATE THERMAL ZONING OF EXISTING BASE **HEATER UNITS WITH DIV 23. RECONFIGURE** CONDUCTORS AS NECESSARY.



DRAWING NUMBER

E2.1

2 ENLARGED PLAN - RM 431

8. ZDB - 4A8: CKTS 4LA - 32,34,36,38,40

9. ZDB - 4A9: CKTS 4LA - 41,43,45,47,49

10. ZDB - 4A10: CKTS 4LA - 42,44,46,48,50

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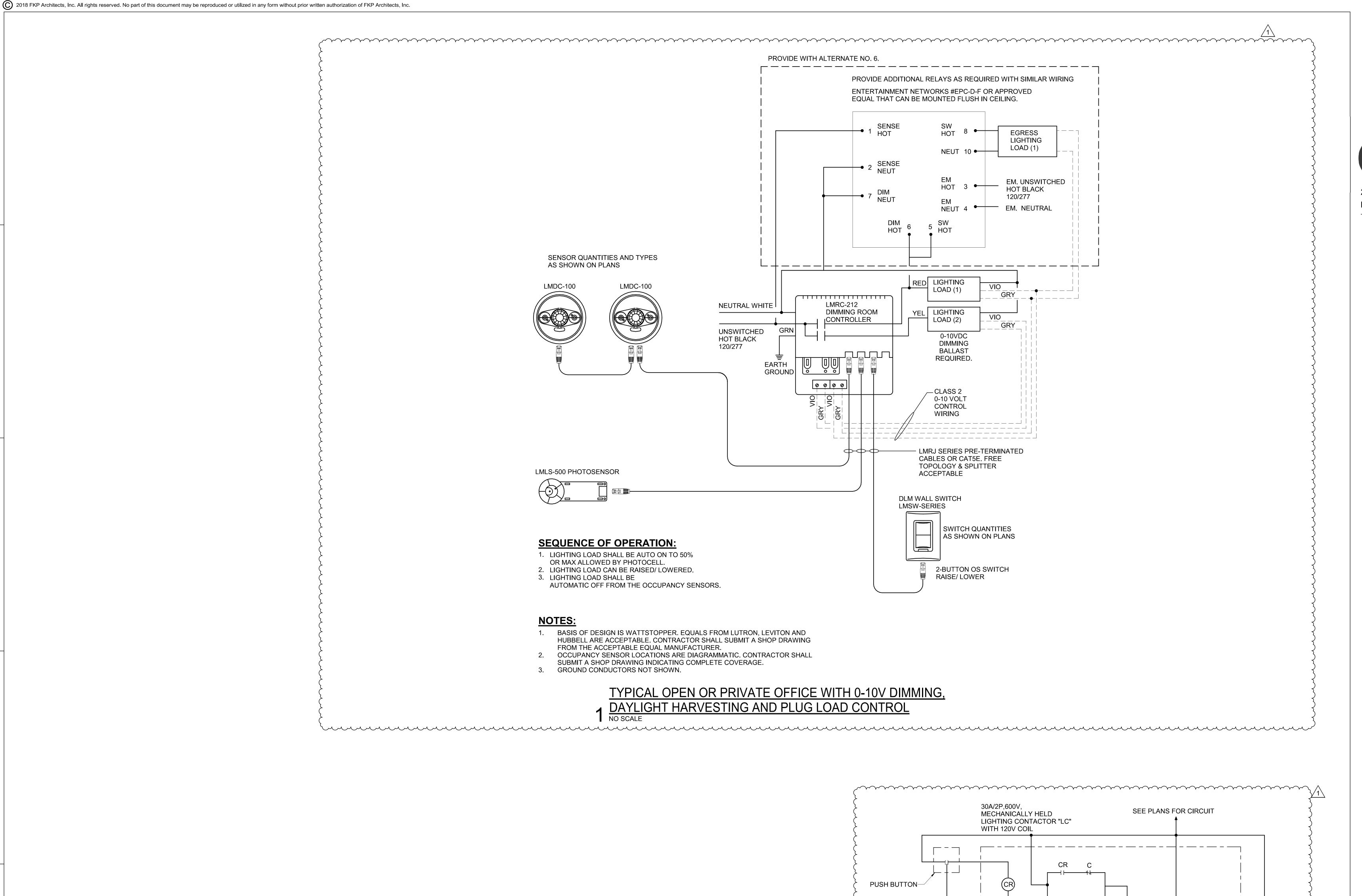
CIP 1601

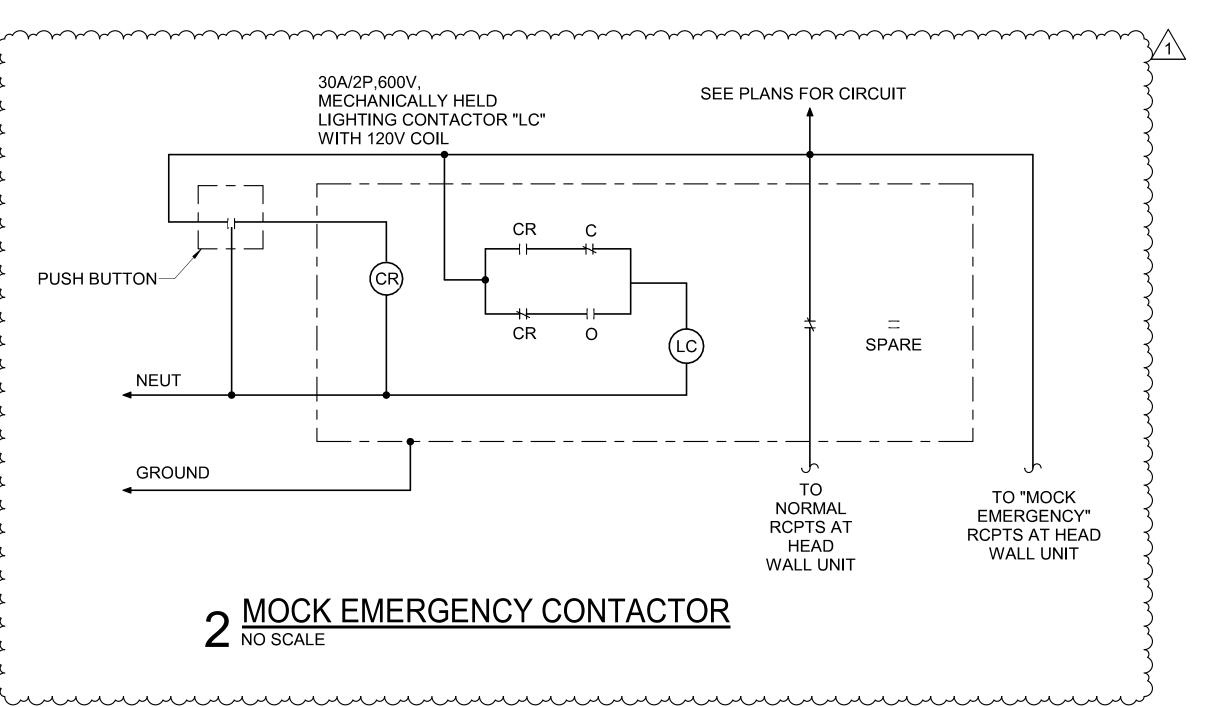
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LEVEL 04 POWER RENOVATION PLAN

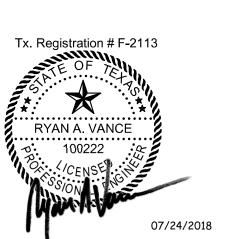






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DRAWING TITLE ELECTRICAL

**DETAILS** 

E6.0

DRAWING NUMBER

2018 FKP Architects, Inc. All rights reserved. No part of this document may be reproduced or utilized in any form without prior written authorization of FKP Architects, Inc. Panel: 4LA EXISTING SIMULATION CENTER Location: ELEV. 142 Volts: 120/208 Wye Feed Through: Bus Rating: 225A Supply From: Phases: 3 Sub-Feed: No MCB: No MCB Neutral Rating: 100.00% MLO: YES A.I.C. Rating: 65,000 **EXISTING PANEL PRE-RENOVATION CONFIGURATION. SECTIONS 1 & 2.** Wire & Conduit Ckt No. Circuit Description Trip Poles A В C Poles Trip Circuit Description Ckt No. Wire & Conduit 0 VA / 0 VA 1 20 A FLOORBOX RM 459.2,459.3,462 452,453,457,457.1,457.2 FLOORBOX RM 452,453,457 0 VA / 0 VA 20 A | FLOORBOX RM 459.1,459.4 20 A 1 1 20 A FLOORBOX RM 459.1-459.4,462 452,453,457,457.1,457.2 20 A | FLOORBOX RM 449,450,451,457 FLOORBOX RM 456A 0 VA / 0 VA 0 VA / 0 VA | 20 A | FLOORBOX RM 459.5 9 FLOORBOX RM 456A, 461 11 FLOORBOX RM 456A,461 0 VA / 0 VA 1 | 20 A | FLOORBOX RM 459.5 13 FLOORBOX RM 446,447,448 I 20 A FLOORBOX RM 456 15 FLOORBOX RM 446,447,456A 0 VA / 0 VA 20 A FLOORBOX RM 456 0 VA / 0 VA 17 | FLOORBOX RM 446,447,448,456A | 20 A | 1 20 A FLOORBOX RM 456 19 | FLOORBOX RM 461.1,461.2,461.3 | 20 A | 1 I 20 A FLOORBOX RM 463 21 FLOORBOX RM 461.4,462 0 VA / 0 VA 20 A FLOORBOX RM 466 23 461.1,461.2,461.3,461.4,462 20 A | FLOORBOX RM 466, CORR. 479 20 A FLOORBOX RM 467,468,469,476,477,478 25 CORR. 400F BOX M6 SPARE 27 CORR. 400F BOX M6 SPARE 0 VA / 0 VA 20 A | FLOORBOX RM 470-475 0 VA / 0 VA 1 20 A FLOORBOX CORR 29 FLOORBOX RM 444 31 FLOORBOX RM VEST. 405A 0 VA / 0 VA I 20 A CORR. 400D BOX M7 SPARE 33 CORR. 400D BOX M7 SPARE 0 VA / 0 VA 20 A CORR. 400D BOX M7 SPARE 1 20 A CORR. 400D BOX M7 SPARE 35 CORR. 400D BOX M7 SPARE I 20 A FLOORBOX RM 438 37 SPARE J-BOX RM 448 20 A 1 0 VA / 0 VA I 20 A FLOORBOX RM 438 39 | RECEPT . RM 444 0 VA / 0 VA 41 RECEPT . RM 444 0 VA / 0 VA 1 | 20 A | FLOORBOX RM 438 1 20 A 432 43 CORR. 400F BOX M12 SPARE 20 A RECEPT. EXAM 45 CORR. 400F BOX M12 SPARE 0 VA / 0 VA 1 20 A RECEPT. EXAM MONITORING 47 | CORR. 400F BOX M12 SPARE | 20 A | 20 A RECEPT. EXAM MONITORING 49 | CORR. 400F BOX M12 SPARE | 20 A | 1 20 A 1 0 VA / 0 VA 1 20 A SPARE (OFF) 1 20 A CCTV CAMERA-ELEV. LOBBY 53 RECEPT. DATA RACK RM 408 20 A 55 RECEPT. DATA RACK RM 408 I 20 A T-STAT CONTROL-507 57 TELEPHONE BACKBOARD-408 20 A 0 VA / 0 VA 1 20 A DDC CONTROL PANEL-4M02 0 VA / 0 VA 1 20 A MICROWAVE RM 438A 59 RECEPTACLES-409 0 VA / 0 VA 1 20 A MICROWAVE RM 438A 61 RECEPTACLES-407 63 RECEPT.-CORR. 400D,400F,438A,439 1 20 A RECEPT. RM438 0 VA / 0 VA 65 | RECEPT.420 AND CORRIDOR 400E | 20 A 0 VA / 0 VA 1 20 A SPARE (OFF) 67 RECEPT.-445,455,458 0 VA / 0 VA 1 20 A REFRIGERATOR RM 438 69 SHUNT TRIP/ PLASMA SCREEN RM 20 A 1 20 A SK-3 0 VA / 0 VA 1 20 A SK-3 0 VA / 0 VA 20 A 1 20 A 1 1 20 A SK-3 0 VA / 0 VA 75 DED. RECEPT. 430 0 VA / 0 VA 1 20 A DISHWAVER RM 438A 20 A 1 0 VA / 0 VA 1 20 A SPARE I 20 A RECEPT. CAMERAS EXAM RM 79 SPARE (OFF) 0 VA / 0 VA 20 A RECEPT. CAMERAS EXAM RM 0 VA / 0 VA 1 20 A COMMUNICATION ROOM / RECEPT. CAMERAS EXAM RM 0 VA / 0 VA 0 VA 0 VA 0 A 0 A

Panel:	4HB	EXISTING						SIMULATIO	N CEN	ITER		
Location	ELEC.	4E02		Volts	: 480/277 Wye	9	Bus Rating:	400A		Feed Thr	ough:	
Supply From:				Phases	3		MCB:	NO MCB		Sub-	Feed: No	0
Mounting			A.I.	C. Rating	14,000		MLO:	No		Neutral R	ating: 10	00.00%
Enclosure	+											
lotes: XISTING PRE-I		TION PANEL CONFIGURATION	ON.									
Vire & Conduit	Ckt No.	Circuit Description	Trip	Poles	Α	В	С	Poles	Trip	Circuit Description	Ckt No.	Wire & Condui
	1	SNEWH/ 4-1_LOUNGE 438	40 A	3	0 VA / 0 VA			3	40 A	SNEWH/ 4-7_LAB 481	2	
	3			-		0 VA / 0 VA				-	4	
	5			-			0 VA / 0 VA				6	
	7	SNEWH/ 4-2_CLASSROOM 437	30 A	3	0 VA / 0 VA			3	30 A	SNEWH/ 4-8_LAB 482	8	
	9			-		0 VA / 0 VA					10	
	11	-		-			0 VA / 0 VA				12	
	13	SNEWH/ 4-3_CLASSROOM 4-3	30 A	3	0 VA / 0 VA			3	30 A	SNEWH/ 4-9_LAB 483	14	
	15			-		0 VA / 0 VA					16	
	17			-			0 VA / 0 VA			-	18	
	19	SNEWH/ 4-4_EXAM ROOM 473	30 A	3	0 VA / 0 VA			3	30 A	SNEWH/ 4-10_LAB 484	20	
	21			-		0 VA / 0 VA					22	
	23			-			0 VA / 0 VA				24	
	25	SNEWH/ 4-5_EXAM ROOM 475	30 A	3	0 VA / 0 VA			3	30 A	SNEWH/ 4-11_LAB PREP 485	26	
	27			-		0 VA / 0 VA					28	
•	29			-			0 VA / 0 VA				30	
	31	SNEWH/ 4-6_EXAM ROOM 477	30 A	3	0 VA / 0 VA			3	30 A	SNEWH/ 4-12_MICROSCOPE LAB 486	32	
	33			-		0 VA / 0 VA				-	34	
	35			-			0 VA / 0 VA				36	
	37	SNACU/ 4-1 (OFF)	30 A	3	0 VA / 0 VA			3	30 A	SNEWH/ 4-13	38	
	39			-		0 VA / 0 VA					40	
	41	<u>-</u>		_			0 VA / 0 VA			<u>-</u>	42	
			Total	Load:	0 VA	0 VA	0 VA					

Panel:	4LA							SIMUL	ATIO	N CEN	TER			
Location:	ELEC.	4E02		Vo	ts: 120/208 Wy	е	Bus Rating:	225A	<b>\</b>			Feed Thro	ough:	
Supply From:				Phas				No M	ICB				Feed: No	
Mounting: Enclosure:			A.I.	C. Ratii	ng: 10,000		MLO:	YES				Neutral Ra	ating: 10	0.00%
enclosure.	TIMEINIA	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	<b>~</b> ∫	~~~	~~~									
Notes:	POST	-RENOVATION CONFIGURATION	ואר פו	FCTION	15 1 8 2 3									
Wire & Conduit				Poles	A	В	С	Po	oles	Trip	Circuit D	escription	Ckt No.	Wire &
2#12, #12G, 3/4"C	1	PWR POLE RM 445	20 A	1	1500 VA / 1000 VA				1		PWR POLE RM 4	50	2	2#12, # ²
2#12, #12G, 3/4"C	3	FB ROOM 445	20 A	1		360 VA / 1000	VA		1	20 A	PWR POLE RM 4	45	4	2#12, # [/]
2#12, #12G, 3/4"C	5	FB ROOM 445	20 A	1			360 VA / 1260	VA	1		RCPTS RM 445		6	2#12, #
2#12, #12G, 3/4"C	7	FB ROOM 445	20 A		360 VA / 900 VA		000 VA7 1200		1		FB ROOM 445		8	2#12, #1
, ,		HEAD WALL UNIT RM 445	20 A	1	300 VA / 300 VA	1800 VA / 1000	\/A	+			PWR POLE RM 4	AE		
2#12, #12G, 3/4"C	9	PWR POLE RM 450	20 A	1		1000 VA / 1000	1500 VA / 1800	\\\A	1		HEAD WALL UN		10	2#12, #1
2#12, #12G, 3/4"C	11			1	200 VA / 4500 VA		1500 VA / 1800	VA	1				12	2#12, #1
2#12, #12G, 3/4"C	13	FB ROOM 450	20 A	1	360 VA / 1500 VA	000 1/4 / 4000		$\perp$	1		HEAD WALL UN	11 RW 440	14	2#12, #1
2#12, #12G, 3/4"C	15	FB ROOM 450	20 A	1		360 VA / 1080			1		FB ROOM 440		16	2#12, #1
2#12, #12G, 3/4"C	17	RCPTS RM 450	20 A	1	400 14 1000		720 VA / 360 V	VA	1		FB ROOM 440		18	2#12, #1
2#12, #12G, 3/4"C	19	FB ROOM 450	20 A	1	180 VA / 900 VA	000111111111		_	1		RCPTS RM 4H07		20	2#12, #1
2#12, #12G, 3/4"C	21	HEAD WALL UNIT RM 450	20 A	1		900 VA / 1800			1		HEAD WALL UN		22	2#12, #1
2#12, #12G, 3/4"C	23	RCPT RM STORAGE WORKROOM	20 A	1			900 VA / 1800	VA	1		HEAD WALL UN		24	2#12, #1
2#12, #12G, 3/4"C	25	RCPTS RM 440	20 A	1	540 VA / 1080 VA			$\perp$	1		RCPTS RM 4H04		26	2#12, #1
2#12, #12G, 3/4"C	27	RCPTS RM 450	20 A	1		720 VA / 720 V		_	1		RCPTS RM 4H04		28	2#12, #1
2#12, #12G, 3/4"C	29	RCPTS STORAGE RM 435	20 A	1			360 VA / 1080	VA	1		RCPTS LOBBY		30	2#12, #1
2#12, #12G, 3/4"C	31	HEAD WALL UNIT RM 440	20 A	1	1800 VA / 1260 VA				1	20 A	RCPTS RM 425		32	2#12, #1
2#12, #12G, 3/4"C	33	HEAD WALL UNIT RM 440	20 A	1		1000 VA / 1260	VA		1	20 A	RCPTS RM 427		34	2#12, #1
2#12, #12G, 3/4"C	35	HEAD WALL UNIT RM 440	20 A	1			900 VA / 1440	VA	1	20 A	RCPTS RM 425		36	2#12, #1
2#12, #12G, 3/4"C	37	FB ROOM 440	20 A	1	360 VA / 1440 VA				1	20 A	RCPTS EXAM 10		38	2#12, #
2#12, #12G, 3/4"C	39	RCPTS RM 431	20 A	1		540 VA / 1000	VA		1	20 A	PWR POLE RM 4	21/423	40	2#12, #1
	41	SPARE	20 A	1			0 VA / 0 VA	\ <u> </u>	1	20 A	SPARE		42	
	43	SPARE	20 A	1	0 VA / 0 VA				1	20 A	SPARE		44	
	45	SPARE	20 A	1		0 VA / 0 VA			1	20 A	SPARE		46	
	47	SPARE	20 A	1			0 VA / 0 VA	\ <u> </u>	1	20 A	SPARE		48	
	49	SPARE	20 A	1	0 VA / 0 VA				1	20 A	SPARE		50	
	51	SPARE	20 A	1		0 VA / 0 VA			1	20 A	SPARE		52	
	53	RECEPT. DATA RACK RM 408	20 A	1			0 VA / 0 VA	`	1	20 A	CCTV CAMERA-	ELEV. LOBBY	54	
	55	RECEPT. DATA RACK RM 408	20 A	1	0 VA / 0 VA				1	20 A	T-STAT CONTRO	DL-507	56	
	57	TELEPHONE BACKBOARD-408	20 A	1		0 VA / 0 VA			1	20 A	DDC CONTROL	PANEL-4M02	58	
2#12, #12G, 3/4"C	59	PROJECTOR AND SCREEN RM 450	20 A	1			680 VA / 680 V	VA	1	20 A	PROJECTOR AN 4H07	D SCREEN RM	60	2#12, #1
2#12, #12G, 3/4"C	61	PROJECTOR AND SCREEN RM 440	20 A	1	680 VA / 500 VA				1	20 A	JUNCTION BOX		62	2#12, #1
	63	RECEPTCORR. 400D,400F,438A,439	20 A	1		0 VA / 500 V	Λ .		1	20 A	TRAP PRIMER R	M	64	2#12, #1
	65	RECEPT.420 AND CORRIDOR 400E	20 A	1			0 VA / 1500 V	/A	1	20 A	PWR POLE RM 4	25/427/429	66	2#12, #1
2#12, #12G, 3/4"C	67	RCPTS STORAGE RM 435	20 A	1	720 VA / 0 VA				1	20 A	SPARE		68	
2#12, #12G, 3/4"C	69	FCU-04-01	20 A	2		564 VA / 0 V/	<u> </u>	$\top$	1	20 A	SPARE		70	
	71						564 VA / 0 V	A	1	20 A	SPARE		72	
	73	SPARE	20 A	1	0 VA / 0 VA			$\top$	1	20 A	SPARE		74	
	75	SPARE	20 A	1		0 VA / 0 VA		$\top$	1	20 A	SPARE		76	
	77	SPARE	20 A	1			0 VA / 0 VA		1	20 A	SPARE		78	
			<u> </u>	$\vdash$		1				<u> </u>	ļ			
	79	SPARE	60 A	3	0 VA / 0 VA				1	20 A	SPARE		80	
	79 81	SPARE 	60 A 	3	0 VA / 0 VA	0 VA / 0 VA			1		SPARE SPARE		80 82	

7 9	e	TION.	Pha	Dits: 480/277 Wyelses: 3 ing: 14,000  A 7759 VA / 1367 VA  0 VA / 0 VA	B 7759 VA / 1367 VA 0 VA / 0 VA	Bus Rating: 40  MCB: NC  MLO: NC  7759 VA / 1367 VA	Poles 3	40 A	Su Neutra	Through: Noub-Feed: No	0.00% Wire & Conduit
Surface NEMA  -RENOV Ckt No.  1  3  5  7  9  11  13  15	ATION PANEL CONFIGURA  Circuit Description  AC-1 RM 431   SPARE   SPARE  SPARE          -	TION.  Trip  40 A   30 A   30 A	Poles 3 3	A 7759 VA / 1367 VA 0 VA / 0 VA	7759 VA / 1367 VA	C 7759 VA / 1367 VA	Poles 3 3	40 A   30 A	Circuit Description WH-4-1	Ckt No. 2 4 6 8	0.00%  Wire & Conduit
F-RENOV.  Ckt No.  1  3  5  7  9  11  13  15	ATION PANEL CONFIGURA  Circuit Description  AC-1 RM 431   SPARE   SPARE  SPARE          -	TION.  Trip  40 A   30 A   30 A	Poles 3 3	A 7759 VA / 1367 VA 0 VA / 0 VA	7759 VA / 1367 VA	C 7759 VA / 1367 VA	Poles 3 3	40 A   30 A	Circuit Description WH-4-1	Ckt No. 2 4 6 8	Wire & Condui
FRENOV.  Ckt No.  1  3  5  7  9  11  13  15	ATION PANEL CONFIGURA  Circuit Description  AC-1 RM 431   SPARE  SPARE  SPARE	TION. Trip 40 A 30 A 30 A	3 3	7759 VA / 1367 VA 0 VA / 0 VA	7759 VA / 1367 VA	7759 VA / 1367 VA	3 3	40 A   30 A	WH-4-1 	2 4 6 8	
7 9 11 13 15	ATION PANEL CONFIGURA  Circuit Description  AC-1 RM 431   SPARE  SPARE  SPARE	TION. Trip 40 A 30 A 30 A	3 3	7759 VA / 1367 VA 0 VA / 0 VA	7759 VA / 1367 VA	7759 VA / 1367 VA	3 3	40 A   30 A	WH-4-1 	2 4 6 8	
1 3 5 7 9 11 13	AC-1 RM 431 SPARE SPARE	40 A 30 A 30 A	3 3	7759 VA / 1367 VA 0 VA / 0 VA	7759 VA / 1367 VA	7759 VA / 1367 VA	3 3	40 A   30 A	WH-4-1 	2 4 6 8	
3 5 7 9 11 13	SPARE SPARE SPARE	40 A 30 A 30 A	3 3	7759 VA / 1367 VA 0 VA / 0 VA		7759 VA / 1367 VA	- 3	 30 A		6 8	3#8, #10G, 3/4"C
5 7 9 11 13	SPARE SPARE	30 A	3			7759 VA / 1367 VA	3	 30 A	SPARE	6 8	-
7 9 11 13	SPARE SPARE	30 A   30 A	3		0 VA / 0 VA		3	30 A	SPARE	8	-
9 11 13 15	 SPARE	  30 A			0 VA / 0 VA	0 VA / 0 VA	<del>                                     </del>		SPARE		-
11 13 15		 30 A		0 VA / 2106 VA	0 VA / 0 VA	0 VA / 0 VA				10	
13 15	SPARE	30 A		0 VA / 2106 VA		0 VA / 0 VA					<b></b>
15			3	0 VA / 2106 VA			<u> </u>		-	12	-
							3	30 A	AC-2 RM 4M01	14	3#12, #12G, 3/4"(
17					0 VA / 2106 VA					16	-
						0 VA / 2106 VA				18	-
19	VP-1 RM 431	30 A	3	4213 VA / 942 VA			3	30 A	VP-2 RM 4M01	20	3#12, #12G, 3/4"0
21					4213 VA / 942 VA					22	-
23						4213 VA / 942 VA				24	-
25	SPARE	30 A	3	0 VA / 0 VA			3	30 A	SPARE	26	
27					0 VA / 0 VA					28	-
29						0 VA / 0 VA				30	
31	SPARE	30 A	3	0 VA / 0 VA			3	30 A	SPARE	32	
33					0 VA / 0 VA					34	_
35						0 VA / 0 VA				36	-
37	SPARE	30 A	3	0 VA / 0 VA			3	30 A	SPARE	38	
39	<u></u>				0 VA / 0 VA					40	_
41						0 VA / 0 VA				42	_
<u> </u>	27 29 31 33 35 37 39	27 29 31 SPARE 33 35 37 SPARE 39	27 29 31 SPARE 30 A 33 35 37 SPARE 30 A 39 41 Total	27            29            31       SPARE       30 A       3         33            35            37       SPARE       30 A       3         39            41            Total Load:	27            29            31       SPARE       30 A       3       0 VA / 0 VA         33            35            37       SPARE       30 A       3       0 VA / 0 VA         39	27 0 VA / 0 VA  29  31 SPARE	27 0 VA/0 VA  29 0 VA/0 VA  31 SPARE 30 A 3 0 VA/0 VA  33 0 VA/0 VA  35 0 VA/0 VA  37 SPARE 30 A 3 0 VA/0 VA  39 0 VA/0 VA  41 0 VA/0 VA  Total Load: 16387 VA 16387 VA	27 0 VA/0 VA	27 0 VA/0 VA 29 0 VA/0 VA 31 SPARE 30 A 3 0 VA/0 VA 3 30 A 33 0 VA/0 VA 35 0 VA/0 VA 37 SPARE 30 A 3 0 VA/0 VA 3 30 A 39 0 VA/0 VA 41 Total Load: 16387 VA 16387 VA	27 0 VA/0 VA	27       -       -       -       0 VA/0 VA       -       -       -       -       28         29       -       -       -       -       -       -       -       -       -       30         31       SPARE       30 A       3       0 VA/0 VA       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -

Houston | Dallas | Columbus

**KEYED NOTES - E7.0** 

1 REPLACE WITH A 20A, 2P CIRCUIT BREAKER.

SHAH SMITH & ASSOCIATES, INC.

2825 Wilcrest, Suite #350 Houston, Texas 77042
Ph. 713.780.7563 Fax.713.780.9209
Texas Registered Engineering Firm F-2113

REVISIONS

1 07/24/2018 ADDENDUM NO. 1



PROJECT NAME



Jane and Robert Cizik
School of Nursing

The University of Texas
Health Science Center at Houston

SIMULATION CENTER

PROJECT NUMBER

045017.0000

CIP 1601

ISSUE

ISSUE FOR CONSTRUCTION

DATE

07/02/2018

DRAWING TITLE

ELECTRICAL PANELBOARD SCHEDULES

DRAWING NUMBER

PANELBOARD LEGEND

4LA DEMO 4LA RENO

4HB DEMO 4HB RENO

E7.0

5

2018 FKP Architects, Inc. All rights reserved. No part of this document may be reproduced or utilized in any form without prior written authorization of FKP Architects, Inc. Panel: 4LB EXISTING SIMULATION CENTER Volts: 120/208 Wye Bus Rating: 225A Feed Through: Location: Supply From: Phases: 3 Sub-Feed: No MCB: NO MCB Neutral Rating: 100.00% Mounting: Surface A.I.C. Rating: 10,00
Enclosure: NEMA 1 A.I.C. Rating: 10,000 MLO: No EXISTING PRE-RENOVATION PANEL CONFIGURATION. SECTIONS 1 & 2. Wire & Conduit Ckt No. Circuit Description Trip Poles A C Poles Trip Circuit Description Ckt No. Wire & Conduit В FLOORBOX RM 4871 & 482 0 VA / 0 VA 1 | 20 A | FLOORBOX RM 483 20 A FLOORBOX RM 483 FLOORBOX RM 4871 & 482 0 VA / 0 VA 20 A 0 VA / 0 VA 1 | 20 A | FLOORBOX RM 483 5 FLOORBOX 4871 & 482 0 VA / 0 VA I 20 A FLOORBOX RM 484 FLOORBOX RM 481 0 VA / 0 VA I 20 A FLOORBOX RM 484 9 FLOORBOX RM 481 20 A 1 11 FLOORBOX RM 481 0 VA / 0 VA 1 | 20 A | FLOORBOX RM 484 0 VA / 0 VA I 20 A FLOORBOX RM 483 13 FLOORBOX RM 482 20 A 1 0 VA / 0 VA 20 A FLOORBOX RM 483 15 FLOORBOX RM 482 0 VA / 0 VA 1 | 20 A | FLOORBOX RM 483 17 FLOORBOX RM 482 0 VA / 0 VA I 20 A FLOORBOX RM 487 19 FLOORBOX RM 423 & 485 20 A FLOORBOX RM 488 & 489 21 MAIN DISTRIBUTION BOX RM 480 20 A 0 VA / 0 VA 20 A 1 20 A FLOORBOX RM 487, 488 & 489 23 FLOORBOX RM 423 & 485 0 VA / 0 VA I 20 A FLOORBOX RM 494 25 FLOORBOX RM 435 0 VA / 0 VA 20 A FLOORBOX RM 494 27 FLOORBOX RM 436 0 VA / 0 VA 1 | 20 A | FLOORBOX RM 494 29 FLOORBOX RM 437 31 FLOORBOX RM 436 & 437 0 VA / 0 VA 1 20 A FLOORBOX RM 435 & 436 0 VA / 0 VA 20 A FLOORBOX RM 435 & 436 33 FLOORBOX RM 436 & 437 0 VA / 0 VA 1 20 A FLOORBOX RM 435 & 436 35 FLOORBOX RM 436 & 437 37 FLOORBOX RM 436 & 437 20 A 1 0 VA / 0 VA 1 20 A FLOORBOX RM 435 & 436 20 A 1 0 VA / 0 VA 1 20 A SPARE 0 VA / 0 VA 1 20 A SPARE 43 | CORR. 400A BOX M11 SPARE | 20 A | 1 1 20 A SPARE 45 CORR. 400A BOX M11 SPARE 20 A 0 VA / 0 VA I 20 A SPARE 47 | CORR. 400A BOX M11 SPARE | 20 A | 0 VA / 0 VA 1 20 A SPARE I 20 A SPARE 0 VA / 0 VA 20 A 1 0 VA / 0 VA 1 20 A SPARE 1 20 A DRINKING FOUNTAIN 53 DATA RACK-RM 413 0 VA / 0 VA I 20 A T-STAT ROOM 490 55 DATA RACK-RM 413 0 VA / 0 VA 57 TELEPHONE BACKBOARD-413 0 VA / 0 VA I 20 A HAND DRYER-MENS RR 0 VA / 0 VA 1 20 A HAND DRYER-WOMENS RR 59 RECEPTACLES-414 20 A 1 0 VA / 0 VA 1 20 A SPARE 61 RECEPTACLES-416 1 20 A O.H. PROJ & SCREEN RM 435,436,437 63 RECEPTACLES-CORR. 400C & REST ROOM 0 VA / 0 VA 1 20 A CORR. RECEPT. & GFI 485 65 RECEPTACLES-WORKAREA 67 RECT.-RM 435,484,489 0 VA / 0 VA 20 A RECEPT. RM 435.436,437 1 20 A RECEPT. RM 435,437 69 RECPT.-RM 481,482 0 VA / 0 VA 0 VA / 0 VA 71 RECPT.-RM 483,484 1 20 A SPARE 20 A 1 0 VA / 0 VA 1 20 A SPARE 73 RECPT.-RM 486 1 20 A SPARE 75 | RECPT.-RM 486 0 VA / 0 VA 20 A 1 77 RECPT.-RM 486 0 VA / 0 VA 1 20 A SPARE 60 A 3 1 20 A SPARE 0 VA / 0 VA 1 20 A SPARE 0 VA / 0 VA 0 VA / 0 VA 1 20 A SPARE 0 VA 0 A

Location:   ELEC. #602   Volta:   120/208 Wyo   Bus Rating:   25A   Feed Through:   No MCB   Sub-Feed;   No MCB	Panel:	4LC							SIMULAT	ION CEI	NTER			
Multiplication   Mult				1	Vo	Its: 120/208 Wye	,	Bus Rating:	225A			Feed Thr	ough:	
Notes:	Supply From:	:			Phas	es: 3		MCB:	No MCE	3		Sub-	-Feed:	No
Notes: EXISTING PANEL CONFIGURATION.  Wire & Conduit Ckt No.    Circuit Description   Trip   Poles   A   B   C   Poles   Trip   Circuit Description   Ckt No.   Wire & Conduit Ckt No.   Circuit Description   Ckt No.   Wire & Conduit Ckt No.   Circuit Description   Trip   Poles   A   B   C   Poles   Trip   Circuit Description   Ckt No.   Wire & Conduit Ckt No.   Circuit Description   Trip   Poles   A   B   C   Poles   Trip   Circuit Description   Ckt No.   Wire & Conduit Ckt No.   Circuit Description   Ckt No.   Wire & Conduit Ckt No.   Circuit Description   Ckt No.   Wire & Conduit Ckt No.   Circuit Description   Ckt No.   Wire & Conduit Ckt No.   Circuit Description   Ckt No.   Wire & Conduit Ckt No.   Circuit Description   Ckt No.   Wire & Conduit Ckt No.   Ckt No.	Mounting:	Surfac	e	A.I.	C. Rati	ng: 10,000		MLO:	No			Neutral R	lating:	100.00%
Mire & Conduit   Cki No.   Circuit Description   Trip   Poles   A   B   C   Poles   Trip   Circuit Description   Ckt No.   Wire & Conduit   Cki No.   Circuit Description   Ckt No.   Trip   Poles   A   B   C   Poles   Trip   Circuit Description   Ckt No.   Wire & Conduit   Ckt No.   C	Enclosure:	NEMA	1											
1 EXISTING LIGHTING ATH FLOOR 20 A 1 0 VA / 0 VA 1 20 A EXISTING LIGHTING ATH FLOOR 2  3 SPARE 20 A 1 0 VA / 0 VA 1 20 A EXISTING LIGHTING ATH FLOOR 4  5 FUTURE 20 A 1 0 VA / 0 VA 1 20 A EXISTING LIGHTING ATH FLOOR 6  7 FUTURE 20 A 1 0 VA / 0 VA 1 20 A EXISTING LIGHTING ATH FLOOR 6  9 EXISTING LIGHTING ATH FLOOR 20 A 1 0 VA / 0 VA 1 20 A EXISTING LIGHTING ATH FLOOR 10  11 FUTURE 20 A 1 0 VA / 0 VA 1 20 A EXISTING LIGHTING ATH FLOOR 10  11 EXISTING LIGHTING ATH FLOOR 20 A 1 0 VA / 0 VA 1 20 A EXISTING LIGHTING ATH FLOOR 14  15 EXISTING LIGHTING ATH FLOOR 20 A 1 0 VA / 0 VA 1 20 A EXISTING LIGHTING ATH FLOOR 16  17 EXISTING LIGHTING ATH FLOOR 20 A 1 0 VA / 0 VA 1 20 A EXISTING LIGHTING ATH FLOOR 16  19 EXISTING LIGHTING ATH FLOOR 20 A 1 0 VA / 0 VA 1 20 A EXISTING LIGHTING ATH FLOOR 18  19 EXISTING LIGHTING ATH FLOOR 20 A 1 0 VA / 0 VA 1 20 A EXISTING LIGHTING ATH FLOOR 18  19 EXISTING LIGHTING ATH FLOOR 20 A 1 0 VA / 0 VA 1 1 20 A FUTURE 20  21 EXISTING LIGHTING ATH FLOOR 20 A 1 0 VA / 0 VA 1 1 20 A FUTURE 22  22 EXISTING LIGHTING ATH FLOOR 20 A 1 1 0 VA / 0 VA 1 1 20 A EXISTING LIGHTING ATH FLOOR 24 22  231 EXISTING LIGHTING ATH FLOOR 20 A 1 1 0 VA / 0 VA 1 1 20 A EXISTING LIGHTING ATH FLOOR 24 22  2412, #12G, 34*C 25 LTG ROOM 4H02 20 A 1 1 725 VA / 1047 VA 1 20 A LTG ROOM 4101 26 2#12, #12G, 34*C 27 LTG ROOM 445 20 A 1 1 430 VA / 1006 VA 1 1 20 A LTG ROOM 419 28 2#12, #12G, 34*C 27 LTG ROOM 445 20 A 1 1 430 VA / 1006 VA 1 1 20 A LTG ROOM 445 30 EXHIPT AT A 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		L CONF	IGURATION.											
SKISTING LIGHTING 4TH FLOOR   20 A   1	Wire & Conduit	Ckt No.	Circuit Description	Trip	Poles	Α	В	С	Pole	s Trip	Circuit	Description	Ckt N	lo. Wire & Conduit
5 FUTURE 20 A 1 0 VA / 0 VA 1 20 A EXISTING LIGHTING 4TH FLOOR 10 1 1 20 A EXISTING LIGHTING 4TH FLOOR 10 1 1 20 A EXISTING LIGHTING 4TH FLOOR 10 1 2 A EXISTING LIGHTING 4TH FLOOR 10 1 A EXISTING		1		20 A	1	0 VA / 0 VA			1	20 A	EXISTING LIGH	TING 4TH FLOOR	2	
7 FUTURE 29 A 1 0 VA / 0 VA 1 20 A FUTURE 8 8  9 EXISTING LIGHTING 4TH FLOOR 20 A 1 0 VA / 0 VA 1 1 20 A EXISTING LIGHTING 4TH FLOOR 10 10 11 FUTURE 20 A 1 0 VA / 0 VA 1 20 A EXISTING LIGHTING 4TH FLOOR 14 1 20 A EXISTING LIGHTING 4TH FLOOR 14 1 20 A EXISTING LIGHTING 4TH FLOOR 16 EXISTING LIGHTING 4TH FLOOR 20 A 1 0 VA / 0 VA 1 20 A EXISTING LIGHTING 4TH FLOOR 16 10 10 VA / 0 VA 1 1 20 A EXISTING LIGHTING 4TH FLOOR 16 10 VA / 0 VA 1 1 20 A EXISTING LIGHTING 4TH FLOOR 18 10 VA / 0 VA 1 1 20 A EXISTING LIGHTING 4TH FLOOR 18 10 VA / 0 VA 1 1 20 A EXISTING LIGHTING 4TH FLOOR 18 10 VA / 0 VA 1 1 20 A EXISTING LIGHTING 4TH FLOOR 20 A 1 0 VA / 0 VA 1 1 20 A EXISTING LIGHTING 4TH FLOOR 20 A 1 0 VA / 0 VA 1 1 20 A EXISTING LIGHTING 4TH FLOOR 20 A 1 0 VA / 0 VA 1 1 20 A EXISTING LIGHTING 4TH FLOOR 20 A 1 0 VA / 0 VA 1 1 20 A EXISTING LIGHTING 4TH FLOOR 20 A 1 20 A EXISTING LIGHTING 4TH FLOOR 20 A 1 20 A EXISTING LIGHTING 4TH FLOOR 20 A 1 20 A EXISTING LIGHTING 4TH FLOOR 20 A 1 20 A EXISTING LIGHTING 4TH FLOOR 20 A 1 20 A EXISTING LIGHTING 4TH FLOOR 20 A 1 20 A EXISTING LIGHTING 4TH FLOOR 20 A 1 20 A EXISTING LIGHTING 4TH FLOOR 20 A 1 20 A EXISTING LIGHTING 4TH FLOOR 20 A 20 A 1 20 A EXISTING LIGHTING 4TH FLOOR 20 A 20 A 1 20 A EXISTING LIGHTING 4TH FLOOR 20 A 20		3	SPARE	20 A	1		0 VA / 0 VA		1	20 A	EXISTING LIGH	TING 4TH FLOOR	4	
9 EXISTING LIGHTING 4TH FLOOR 20 A 1 0 VA / 0 VA 1 20 A EXISTING LIGHTING 4TH FLOOR 10 11 FUTURE 20 A 1 0 VA / 0 VA 1 20 A FUTURE 12 12 13 EXISTING LIGHTING 4TH FLOOR 20 A 1 0 VA / 0 VA 1 20 A EXISTING LIGHTING 4TH FLOOR 14 15 EXISTING LIGHTING 4TH FLOOR 20 A 1 0 VA / 0 VA 1 20 A EXISTING LIGHTING 4TH FLOOR 16 16 17 EXISTING LIGHTING 4TH FLOOR 20 A 1 0 VA / 0 VA 1 20 A EXISTING LIGHTING 4TH FLOOR 18 19 EXISTING LIGHTING 4TH FLOOR 20 A 1 0 VA / 0 VA 1 20 A EXISTING LIGHTING 4TH FLOOR 20 A 1 0 VA / 0 VA 1 20 A EXISTING LIGHTING 4TH FLOOR 20 A 1 20 A EXISTING LIGHTING 4TH FLOOR 20 A 1 20 A EXISTING LIGHTING 4TH FLOOR 20 A 1 20 A EXISTING LIGHTING 4TH FLOOR 20 A 1 20 A EXISTING LIGHTING 4TH FLOOR 24 22 22 23 EXISTING LIGHTING 4TH FLOOR 20 A 1 20 A EXISTING LIGHTING 4TH FLOOR 24 24 24 24 24 24 24 24 24 24 24 24 24		5	FUTURE	20 A	1			0 VA / 0 VA	1	20 A	EXISTING LIGH	TING 4TH FLOOR	6	
11 FUTURE 20 A 1		7	FUTURE	20 A	1	0 VA / 0 VA			1	20 A	FUTURE		8	
13 EXISTING LIGHTING 4TH FLOOR 20 A 1 0 VA / 0 VA 1 20 A EXISTING LIGHTING 4TH FLOOR 14 15 EXISTING LIGHTING 4TH FLOOR 20 A 1 0 VA / 0 VA 1 20 A EXISTING LIGHTING 4TH FLOOR 16 17 EXISTING LIGHTING 4TH FLOOR 20 A 1 0 VA / 0 VA 1 20 A EXISTING LIGHTING 4TH FLOOR 18 19 EXISTING LIGHTING 4TH FLOOR 20 A 1 0 VA / 0 VA 1 20 A FUTURE 20 21 EXISTING LIGHTING 4TH FLOOR 20 A 1 0 VA / 0 VA 1 20 A FUTURE 22 22 23 EXISTING LIGHTING 4TH FLOOR 20 A 1 0 VA / 0 VA 1 20 A EXISTING LIGHTING 4TH FLOOR 24 23 EXISTING LIGHTING 4TH FLOOR 20 A 1 0 VA / 0 VA 1 20 A EXISTING LIGHTING 4TH FLOOR 24 24 2412, #12G, 3/4°C 25 LTG ROOM 4H02 20 A 1 725 VA / 1047 VA 1 20 A LTG ROOM 4H01 26 2412 2412, #12G, 3/4°C 27 LTG ROOM 421 20 A 1 540 VA / 972 VA 1 20 A LTG ROOM 449 28 2412 2412, #12G, 3/4°C 29 LTG ROOM 450 20 A 1 1430 VA / 1006 VA 1152 VA / 1512 VA 1 20 A LTG ROOM 475 32 2412 2412, #12G, 3/4°C 31 LTG ROOM 440 20 A 1 1430 VA / 1006 VA 1 1260 VA / 1519 VA 1 20 A LTG ROOM 460 34 2412 2412, #12G, 3/4°C 33 LTG ROOM 440 20 A 1 1260 VA / 1519 VA 1 20 A LTG ROOM 460 34 2412 35 SPARE 20 A 1 0 VA / 0 VA 1 1 20 A SPARE 36 36 39 SPARE 20 A 1 0 VA / 0 VA 1 1 20 A SPARE 36 36 39 SPARE 20 A 1 0 VA / 0 VA 1 1 20 A SPARE 40 36 34 39 SPARE 20 A 1 0 VA / 0 VA 1 1 20 A SPARE 40 36 34 39 SPARE 20 A 1 0 VA / 0 VA 1 1 20 A SPARE 40 36 34 39 SPARE 20 A 1 0 VA / 0 VA 1 1 20 A SPARE 40 36 34 39 SPARE 20 A 1 0 VA / 0 VA 1 1 20 A SPARE 40 36 34 39 SPARE 20 A 1 0 VA / 0 VA 1 1 20 A SPARE 40 36 34 39 SPARE 20 A 1 0 VA / 0 VA 1 1 20 A SPARE 40 36 34 39 SPARE 40 5 S		9	EXISTING LIGHTING 4TH FLOOR	20 A	1		0 VA / 0 VA		1	20 A	EXISTING LIGH	TING 4TH FLOOR	10	
15 EXISTING LIGHTING 4TH FLOOR 20 A 1		11	FUTURE	20 A	1			0 VA / 0 VA	1	20 A	FUTURE		12	
17 EXISTING LIGHTING 4TH FLOOR 20 A 1 0 VA / 0 VA 1 20 A EXISTING LIGHTING 4TH FLOOR 18 1 20 A FUTURE 20 1 21 EXISTING LIGHTING 4TH FLOOR 20 A 1 0 VA / 0 VA 1 20 A FUTURE 20 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		13	EXISTING LIGHTING 4TH FLOOR	20 A	1	0 VA / 0 VA			1	20 A	EXISTING LIGH	TING 4TH FLOOR	14	
19 EXISTING LIGHTING 4TH FLOOR 20 A 1 0 VA / 0 VA 1 20 A FUTURE 20 21 EXISTING LIGHTING 4TH FLOOR 20 A 1 0 VA / 0 VA 1 20 A EXISTING LIGHTING 4TH FLOOR 20 A 1 20 A EXISTING LIGHTING 4TH FLOOR 24 2#12, #12G, 3/4"C 25 LTG ROOM 4H02 20 A 1 725 VA / 1047 VA 1 20 A LTG ROOM 4H01 26 2#12, #12G, 3/4"C 27 LTG ROOM 421 20 A 1 540 VA / 972 VA 1 20 A LTG ROOM 419 28 2#12, #12G, 3/4"C 29 LTG ROOM 450 20 A 1 1 1430 VA / 1006 VA 1 1512 VA 1 20 A LTG ROOM 484 30 2#12, #12G, 3/4"C 31 LTG ROOM 445 20 A 1 1430 VA / 1006 VA 1 1 20 A LTG ROOM 475 32 2#12, #12G, 3/4"C 33 LTG ROOM 440 20 A 1 120 A LTG ROOM 450 1 20 A LTG ROOM 450 34 2#12, #12G, 3/4"C 37 SPARE 20 A 1 0 VA / 0 VA 1 1 20 A SPARE 36 36 37 SPARE 20 A 1 0 VA / 0 VA 1 1 20 A SPARE 38 38 39 SPARE 20 A 1 0 VA / 0 VA 1 1 20 A SPARE 38		15	EXISTING LIGHTING 4TH FLOOR	20 A	1		0 VA / 0 VA		1	20 A	EXISTING LIGH	TING 4TH FLOOR	16	
21 EXISTING LIGHTING 4TH FLOOR 20 A 1 0 VA / 0 VA 1 20 A FUTURE 22  23 EXISTING LIGHTING 4TH FLOOR 20 A 1 0 VA / 0 VA 1 20 A EXISTING LIGHTING 4TH FLOOR 24  2#12, #12G, 3/4"C 25 LTG ROOM 4H02 20 A 1 725 VA / 1047 VA 1 20 A LTG ROOM 4H01 26 2#12, #12G, 3/4"C 27 LTG ROOM 421 20 A 1 540 VA / 972 VA 1 20 A LTG ROOM 419 28 2#12, #12G, 3/4"C 29 LTG ROOM 450 20 A 1 1 1430 VA / 1006 VA 1 152 VA / 1512 VA 1 20 A LTG ROOM 484 30 2#12, #12G, 3/4"C 31 LTG ROOM 445 20 A 1 1430 VA / 1006 VA 1 20 A LTG ROOM 475 32 2#12, #12G, 3/4"C 33 LTG ROOM 440 20 A 1 1260 VA / 1519 VA 1 20 A LTG ROOM 460 34 2#12, #12G, 3/4"C 35 SPARE 20 A 1 0 VA / 0 VA 1 20 A SPARE 36 37 SPARE 20 A 1 0 VA / 0 VA 1 20 A SPARE 38 38 39 SPARE 20 A 1 0 VA / 0 VA 1 20 A SPARE 38		17	EXISTING LIGHTING 4TH FLOOR	20 A	1			0 VA / 0 VA	1	20 A	EXISTING LIGH	TING 4TH FLOOR	18	
23 EXISTING LIGHTING 4TH FLOOR 20 A 1 20 A 1 20 A EXISTING LIGHTING 4TH FLOOR 24 2#12, #12G, 3/4"C 25 LTG ROOM 4H02 20 A 1 725 VA / 1047 VA 1 20 A LTG ROOM 4H01 26 2#12, #12G, 3/4"C 27 LTG ROOM 421 20 A 1 540 VA / 972 VA 1 20 A LTG ROOM 4H9 28 2#12, #12G, 3/4"C 29 LTG ROOM 450 20 A 1 1430 VA / 1006 VA 1 152 VA / 1512 VA 1 20 A LTG ROOM 484 30 2#12, #12G, 3/4"C 31 LTG ROOM 445 20 A 1 1430 VA / 1006 VA 1 20 A LTG ROOM 475 32 2#12, #12G, 3/4"C 33 LTG ROOM 440 20 A 1 1260 VA / 1519 VA 1 20 A LTG ROOM 460 34 2#12 2#12, #12G, 3/4"C 35 SPARE 20 A 1 0 VA / 0 VA 1 20 A SPARE 36 37 SPARE 20 A 1 0 VA / 0 VA 1 20 A SPARE 38 38 39 SPARE 20 A 1 0 VA / 0 VA 1 20 A SPARE 40 EXPANSE 40 EXPA		19	EXISTING LIGHTING 4TH FLOOR	20 A	1	0 VA / 0 VA			1	20 A	FUTURE		20	
2#12, #12G, 3/4°C 25 LTG ROOM 4H02 20 A 1 725 VA / 1047 VA 1 20 A LTG ROOM 4H01 26 2#12 2#12, #12G, 3/4°C 27 LTG ROOM 421 20 A 1 540 VA / 972 VA 1 20 A LTG ROOM 4H9 28 2#12 2#12, #12G, 3/4°C 29 LTG ROOM 450 20 A 1 1430 VA / 1006 VA 1 20 A LTG ROOM 484 30 2#12 2#12, #12G, 3/4°C 31 LTG ROOM 445 20 A 1 1430 VA / 1006 VA 1 20 A LTG ROOM 475 32 2#12 2#12, #12G, 3/4°C 33 LTG ROOM 440 20 A 1 1260 VA / 1519 VA 1 20 A LTG ROOM 460 34 2#12 35 SPARE 20 A 1 0 VA / 0 VA 1 20 A SPARE 36 37 SPARE 20 A 1 0 VA / 0 VA 1 20 A SPARE 38 39 SPARE 20 A 1 0 VA / 0 VA 1 20 A SPARE 40		21	EXISTING LIGHTING 4TH FLOOR	20 A	1		0 VA / 0 VA		1	20 A	FUTURE		22	
2#12, #12G, 3/4"C 27 LTG ROOM 421 20 A 1 540 VA / 972 VA 1 20 A LTG ROOM 419 28 2#12 2#12, #12G, 3/4"C 29 LTG ROOM 450 20 A 1 1430 VA / 1006 VA 1152 VA / 1512 VA 1 20 A LTG ROOM 484 30 2#12 2#12, #12G, 3/4"C 31 LTG ROOM 445 20 A 1 1430 VA / 1006 VA 1 20 A LTG ROOM 475 32 2#12 2#12, #12G, 3/4"C 33 LTG ROOM 440 20 A 1 1260 VA / 1519 VA 1 20 A LTG ROOM 460 34 2#12 35 SPARE 20 A 1 0 VA / 0 VA 1 20 A SPARE 36 37 SPARE 20 A 1 0 VA / 0 VA 1 20 A SPARE 38 39 SPARE 20 A 1 0 VA / 0 VA 1 20 A SPARE 40		23	EXISTING LIGHTING 4TH FLOOR	20 A	1			0 VA / 0 VA	1	20 A	EXISTING LIGH	TING 4TH FLOOR	24	
2#12, #12G, 3/4°C 29 LTG ROOM 450 20 A 1	2#12, #12G, 3/4"C	25	LTG ROOM 4H02	20 A	1	725 VA / 1047 VA			1	20 A	LTG ROOM 4H0	1	26	2#12, #12G, 3/4"(
2#12, #12G, 3/4"C 31 LTG ROOM 445 20 A 1 1430 VA / 1006 VA 1 20 A LTG ROOM 475 32 2#12 2#12, #12G, 3/4"C 33 LTG ROOM 440 20 A 1 1260 VA / 1519 VA 1 20 A LTG ROOM 460 34 2#12 35 SPARE 20 A 1 0 VA / 0 VA 1 20 A SPARE 36 37 SPARE 20 A 1 0 VA / 0 VA 1 20 A SPARE 38 39 SPARE 20 A 1 0 VA / 0 VA 1 20 A SPARE 40	2#12, #12G, 3/4"C	27	LTG ROOM 421	20 A	1		540 VA / 972 VA		1	20 A	LTG ROOM 419		28	2#12, #12G, 3/4"(
2#12, #12G, 3/4"C 33 LTG ROOM 440 20 A 1 1260 VA / 1519 VA 1 20 A LTG ROOM 460 34 2#12 35 SPARE 20 A 1 0 VA / 0 VA 1 20 A SPARE 36 37 SPARE 20 A 1 0 VA / 0 VA 1 20 A SPARE 38 39 SPARE 20 A 1 0 VA / 0 VA 1 20 A SPARE 40	2#12, #12G, 3/4"C	29	LTG ROOM 450	20 A	1			1152 VA / 1512	VA 1	20 A	LTG ROOM 484		30	2#12, #12G, 3/4"(
35         SPARE         20 A         1         0 VA / 0 VA         1         20 A         SPARE         36           37         SPARE         20 A         1         0 VA / 0 VA         1         20 A         SPARE         38           39         SPARE         20 A         1         0 VA / 0 VA         1         20 A         SPARE         40	2#12, #12G, 3/4"C	31	LTG ROOM 445	20 A	1	1430 VA / 1006 VA			1	20 A	LTG ROOM 475		32	2#12, #12G, 3/4"(
37         SPARE         20 A         1         0 VA / 0 VA         1         20 A         SPARE         38           39         SPARE         20 A         1         0 VA / 0 VA         1         20 A         SPARE         40	2#12, #12G, 3/4"C	33	LTG ROOM 440	20 A	1		1260 VA / 1519 VA	\	1	20 A	LTG ROOM 460		34	2#12, #12G, 3/4"(
39 SPARE 20 A 1 0 VA / 0 VA 1 20 A SPARE 40		35	SPARE	20 A	1			0 VA / 0 VA	1	20 A	SPARE		36	
		37	SPARE	20 A	1	0 VA / 0 VA			1	20 A	SPARE		38	
11 SPAPE 20 A 1 20 A SPAPE 42		39	SPARE	20 A	1		0 VA / 0 VA		1	20 A	SPARE		40	
		41	SPARE	20 A				0 VA / 0 VA	1	20 A	SPARE		42	
Total Load: 4208 VA 4291 VA 2664 VA  Total 37 A 38 A 22 A														

Panel:	4LB	3					S	SIMULAT	ION CEN	ITER		
Location: ELEC. 4E01		Volts: 120/208 Wye				Bus Rating: 2		Feed Th	rough:			
Supply From:		Phases: 3				MCB: No MCB				Sub-Feed: No		
Mounting: Surface Enclosure: NEMA 1		A.I.C. Rating: 10,000				MLO: N		Neutral F	Neutral Rating: 100.00%			
		\1 \^^^	${\sim}$	~~~	~~~							
Notes:		VATION PANEL CONFIGURATI			}							
Wire & Conduit			Tmp			В	С	Pole	s Trip	Circuit Description	Ckt No.	Wire & Condu
2#12, #12G, 3/4"C	1	FB ROOM 460	20 A	1	360 VA / 360 VA			1	20 A	RCPTS DEBRIEF 1	2	2#12, #12G, 3/4
2#12, #12G, 3/4"C	3	FB ROOM 460	20 A	1		1500 VA / 900 VA		1	20 A	HEADWALL UNIT PAT. FLEX 3	4	2#12, #12G, 3/4
2#12, #12G, 3/4"C	5	RCPTS RM 460	20 A	1			720 VA / 720 VA	1	20 A	RCPTS CONTROL RM	6	2#12, #12G, 3/4
2#12, #12G, 3/4"C	7	FB ROOM 460	20 A	1	360 VA / 720 VA			1	20 A	RCPTS DEBRIEF 2	8	2#12, #12G, 3/4
2#12, #12G, 3/4"C	9	PWR POLE PAT. FLEX 1	20 A	1		1500 VA / 540 VA		1	20 A	RCPTS DEBRIEF 1	10	2#12, #12G, 3/4
2#12, #12G, 3/4"C	11	RCPTS CORRIDOR	20 A	1			360 VA / 540 VA	\ 1	20 A	FB CORR. 4H05 & STORAGE 467	12	2#12, #12G, 3/4
2#12, #12G, 3/4"C	13	PWR POLE PAT. FLEX 4	20 A	1	1500 VA / 1800 VA			1	20 A	FB ROOM 460	14	2#12, #12G, 3/4
2#12, #12G, 3/4"C	15	RCPTS DEBRIEF 3	20 A	1		540 VA / 900 VA		1		HEADWALL UNIT PAT. FLEX 2	16	2#12, #12G, 3/4
2#12, #12G, 3/4"C	17	RCPTS DEBRIEF 2	20 A	1			360 VA / 900 VA	1		HEADWALL UNIT PAT. FLEX 1	18	2#12, #12G, 3/4
2#12, #12G, 3/4"C	19	RCPTS DEBRIEF 3	20 A	1	360 VA / 720 VA		000 177 000 17	1		RCPTS PAT. FLEX	20	2#12, #12G, 3/4
2#12, #12G, 3/4"C	21	RCPTS CONTROL RM	20 A	1	300 VA / 120 VA	1080 VA / 1080 VA		1		RCPTS PAT. FLEX	22	2#12, #12G, 3/4
2#12, #12G, 3/4°C	23	RCPTS HOME HEALTH	20 A	1		1000 VA / 1000 VA	540 VA / 360 VA	<u> </u>		FB ROOM 480	24	2#12, #12G, 3/4
2#12, #12G, 3/4°C	25	RCPTS HOME HEALTH	20 A	1	1080 VA / 360 VA		340 VA / 300 VA	1		FB ROOM 480	26	2#12, #12G, 3/4
2#12, #12G, 3/4°C		RCPTS HOME HEALTH	20 A	1	1000 VA / 300 VA	1260 VA / 180 VA		1		DED. RCPT RM 4D03	28	2#12, #12G, 3/2
	27			1		1200 VA / 180 VA		<u> </u>				
2#12, #12G, 3/4"C	29	RCPTS RM 475	20 A	1	360 VA / 1440 VA		540 VA / 180 VA			DED. RCPT RM 4D03	30	2#12, #12G, 3/4
2#12, #12G, 3/4"C	31	FB ROOM 482 & 484	20 A	1	360 VA / 1440 VA	4000 \/A / 4500 \/A		1		RCPTS EXAM 9	32	2#12, #12G, 3/4
2#12, #12G, 3/4"C	33	SWITCHED RCPTS RM 482 & 484	20 A	1		1080 VA / 1500 VA		1		PWR POLE RM 415/417/419	34	2#12, #12G, 3/4
2#12, #12G, 3/4"C	35	RCPTS RM 482	20 A	1	440=344 4=00344		540 VA / 1440 VA			RCPTS EXAM 7	36	2#12, #12G, 3/4
2#12, #12G, 3/4"C	37	HWC-4 RM 4M01	20 A	1	1127 VA / 720 VA			1		RCPTS EXAM 6	38	2#12, #12G, 3/4
	39	SPARE	20 A	1		0 VA / 0 VA		1		SPARE	40	
2#12, #12G, 3/4"C	41	RCPTS EXAM 1	20 A	1			900 VA / 1080 VA	A   1		RCPTS CORRIDOR	42	2#12, #12G, 3/4
2#12, #12G, 3/4"C	43	RCPTS EXAM 4	20 A	1	1440 VA / 0 VA			1		SPARE	44	
2#12, #12G, 3/4"C	45	PWR POLE RM 407/409/413	20 A	1		1500 VA / 720 VA		1	20 A	RCPTS EXAM 1	46	2#12, #12G, 3/4
2#12, #12G, 3/4"C	47	RCPTS EXAM 2	20 A	1			1440 VA / 1500 V	'A 1	20 A	PWR POLE RM 405/403/401	48	2#12, #12G, 3/4
2#12, #12G, 3/4"C	49	JUNCTION BOX	20 A	1	500 VA / 0 VA			1	20 A	SPARE	50	
	51	SPARE	20 A	1		0 VA / 0 VA		1	20 A	SPARE	52	
	53	DATA RACK-RM 413	20 A	1			0 VA / 0 VA	1	20 A	DRINKING FOUNTAIN	54	
	55	DATA RACK-RM 413	20 A	1	0 VA / 0 VA			1	20 A	T-STAT ROOM 490	56	
	57	TELEPHONE BACKBOARD-413	20 A	1		0 VA / 0 VA		1	20 A	HAND DRYER-MENS RR	58	
2#12, #12G, 3/4"C	59	RCPTS RM 480	20 A	1			360 VA / 0 VA	1	20 A	HAND DRYER-WOMENS RR	60	
	61	SPARE	20 A	1	0 VA / 0 VA			1	20 A	SPARE	62	
	63	RECEPTACLES-CORR. 400C & REST ROOM	20 A	1		0 VA / 680 VA		1	20 A	PROJECTOR AND SCREEN RM 46	0 64	2#12, #12G, 3/4
	65	SPARE	20 A	1			0 VA / 0 VA	1	20 A	CORR. RECEPT. & GFI 485	66	
2#12, #12G, 3/4"C	67	RCPTS STORAGE RM 467	20 A	1	1440 VA / 564 VA			2	20 A	FCU-04-02	68	2#12, #12G, 3/4
2#12, #12G, 3/4"C	69	RCPTS DEBRIEF 4	20 A	1		360 VA / 564 VA					70	
2#12, #12G, 3/4"C	71	RCPTS OFFICE TECH	20 A	1			1260 VA / 0 VA	1	20 A	SPARE	72	
	73	SPARE	20 A	1	0 VA / 0 VA			1	20 A	SPARE	74	
	75	SPARE	20 A	1		0 VA / 0 VA		1	20 A	SPARE	76	
	77	SPARE	20 A	1			0 VA / 0 VA	1	20 A	SPARE	78	
	79	SPARE	60 A	3	0 VA / 0 VA			1	20 A	SPARE	80	
					Ī.	I	I			Ì		<u> </u>

	<b>4HA</b> : ELEC. 4E02			Volts: 480/277 Wye Bus Rating:						SIMULATION CENTER						
							Bus Rating:				Feed Through:					
Supply From:			<b> </b>	Phases:				NO MCB			Sub-Feed:					
	Surface			C. Rating:	14,000		MLO:	No			Neutral Rating:		100.00%			
Enclosure	NEMA		J													
lotes: EXISTING PANE	L CONF	GURATION.														
Vire & Conduit	Ckt No.	Circuit Description	Trip	Poles	Α	В	С	Poles	Trip	Circuit De	escription	Ckt No.	Wire & Condu			
	1	ELECT. CONVECTIVE HTR - LV3	20 A	1	0 VA / 0 VA			1	20 A	ELECT. CONVECT	IVE HTR - LV4	2				
	3	ELECT. CONVECTIVE HTR - LV3	20 A	1		0 VA / 0 VA		1	20 A	ELECT. CONVECT	IVE HTR - LV4	4				
	5	ELECT. CONVECTIVE HTR - LV3	20 A	1			0 VA / 0 VA	1	20 A	ELECT. CONVECT	IVE HTR - LV4	6				
	7	ELECT. CONVECTIVE HTR - LV3	20 A	1	0 VA / 0 VA			1	20 A	ELECT. CONVECTIVE HTR - LV4  ELECT. CONVECTIVE HTR - LV4		8				
	9	ELECT. CONVECTIVE HTR - LV3	20 A	1		0 VA / 0 VA		1	20 A			10				
	11	ELECT. CONVECTIVE HTR - LV3	20 A	1			0 VA / 0 VA	1	20 A	ELECT. CONVECT	IVE HTR - LV4	12				
	13	ELECT. CONVECTIVE HTR - LV3	20 A	1	0 VA / 0 VA			1	20 A	ELECT. CONVECT	IVE HTR - LV4	14				
	15	ELECT. CONVECTIVE HTR - LV3	20 A	1		0 VA / 0 VA		1	20 A	ELECT. CONVECT	IVE HTR - LV4	16				
	17	ELECT. CONVECTIVE HTR - LV3	20 A	1			0 VA / 0 VA	1	20 A	ELECT. CONVECT	IVE HTR - LV4	18				
	19	ELECT. CONVECTIVE HTR - LV3	20 A	1	0 VA / 0 VA			1	20 A	ELECT. CONVECT	IVE HTR - LV4	20				
	21	ELECT. CONVECTIVE HTR - LV3	20 A	1		0 VA / 0 VA		1	20 A	ELECT. CONVECT	IVE HTR - LV4	22				
	23	ELECT. CONVECTIVE HTR - LV3	20 A	1			0 VA / 0 VA	1	20 A	ELECT. CONVECT	IVE HTR - LV4	24				
	25	ELECT. CONVECTIVE HTR - LV3	20 A	1	0 VA / 0 VA			1	20 A	ELECT. CONVECT	IVE HTR - LV4	26				
	27	ELECT. CONVECTIVE HTR - LV3	20 A	1		0 VA / 0 VA		1	20 A	ELECT. CONVECT	IVE HTR - LV4	28				
	29	ELECT. CONVECTIVE HTR - LV3	20 A	1			0 VA / 0 VA	1	20 A	ELECT. CONVECT	IVE HTR - LV4	30				
	31	ELECT. CONVECTIVE HTR - LV3	20 A	1	0 VA / 0 VA			1	20 A	ELECT. CONVECT	IVE HTR - LV4	32				
	33	ELECT. CONVECTIVE HTR - LV3	20 A	1		0 VA / 0 VA		1	20 A	ELECT. CONVECT	IVE HTR - LV4	34				
	35	ELECT. CONVECTIVE HTR - LV3	20 A	1			0 VA / 0 VA	1	20 A	ELECT. CONVECT	IVE HTR - LV4	36				
	37	SPARE	20 A	1	0 VA / 0 VA			1	20 A	SPARE		38				
	39	SPARE	20 A	1		0 VA / 0 VA		1	20 A	SPARE		40				
	41	SPARE	20 A				0 VA / 0 VA	1	20 A	SPARE		42				
			Total	Load:	0 VA	0 VA	0 VA									

0 VA / 0 VA

Total Load: 15211 VA 15884 VA 13740 VA Total... 129 A 134 A 115 A

1 20 A SPARE

1 20 A SPARE

**KEYED NOTES - E7.1** 

1 REPLACE WITH A 20A, 2P CIRCUIT BREAKER.

2 CONNECT TO EXISTING 20A, 1P CIRCUIT BREAKER.

CONSULTANT

2825 Wilcrest, Suite #350 Houston, Texas 77042 Ph. 713.780.7563 Fax.713.780.9209 Texas Registered Engineering Firm F-2113

REVISIONS 07/24/2018 ADDENDUM NO. 1

> Tx. Registration # F-2113 RYAN A. VANCE

Jane and Robert Cizik School of Nursing

The University of Texas **Health Science Center at Houston** 

SIMULATION CENTER

PROJECT NUMBER

045017.0000

CIP 1601

ISSUE FOR CONSTRUCTION

07/02/2018

DRAWING TITLE

ELECTRICAL PANELBOARD SCHEDULES

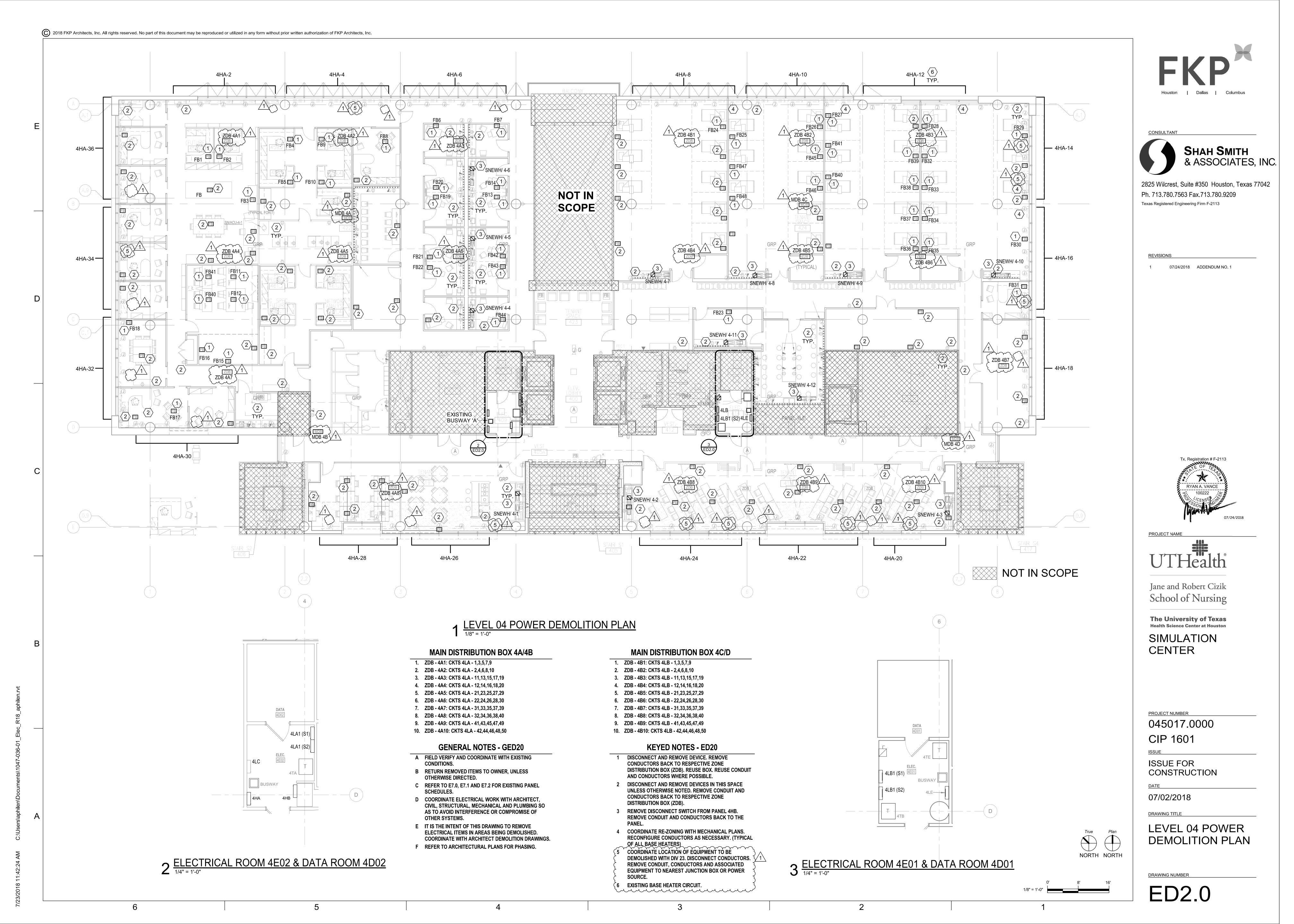
DRAWING NUMBER

PANELBOARD LEGEND

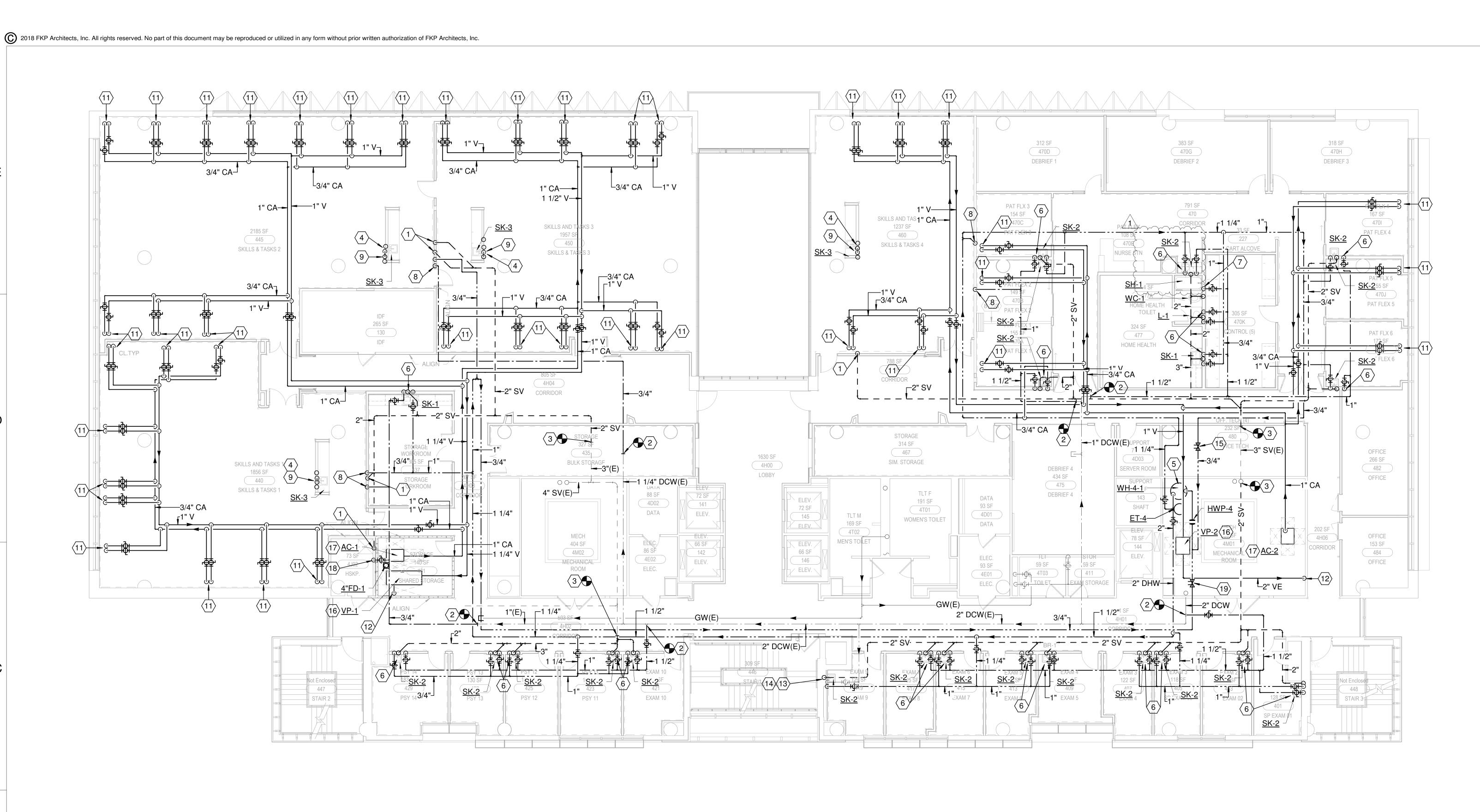
4LC

4LB DEMO 4LB RENO

E7.1







# LEVEL 4 PLUMBING RENOVATION PLAN 1/8" = 1'-0"

# **GENERAL NOTES**

A. PROVIDE PROSET TRAP GUARD IN ALL FLOOR DRAINS.

# **KEYED NOTES - P2.4**

- 1 2" VENT FROM UNDER RAISED FLOOR.
- 2 CONNECT INTO EXISTING DCW.
- 3 CONNECT INTO EXISTING VENT LINE. 4 ISLAND VENTING VENT PIPE ROUTED UNDER
- RAISED FLOOR. RE: 4/P9.0 FOR DETAIL.
- 5 REFER TO 7/P9.0 FOR WATER HEATER DETAIL.
- 6 3/4" DCW AND 3/4" DHW DOWN TO SINK. 2" VENT UP, 2" SANITARY DOWN.
- 7 1" DCW DOWN TO WATER CLOSET. 4" SAN DOWN, 2" VENT UP.
- 8 3/4" DCW AND 3/4" DHW DOWN WALL TO UNDER RAISED FLOOR.
- 9 3/4" DCW AND 3/4" DHW UP TO FIXTURE. 2" SAN DOWN, 2" ISLAND VENT DOWN. RE: PU2.4 FOR CONTINUATION.
- 11 3/4" LV AND 1/2" CA TO SIMULATED HEAD WALL ASSEMBLY. REFER TO ARCHITECTUAL PLANS FOR
- DETAIL. 12 2" VACUUM EXHAUST DOWN.
- 13 RECONNECT 3/4" DCW TO FIXTURE.
- 14 3/4" DHW DOWN TO FIXTURE. 2" SAN WITH P-TRAP DOWN, 2" VENT UP.
- 15 BALANCING VALVE AND CIRCUIT SETTER. BALANCE TO 0.5 GPM.
- 16 REFER TO 8/P9.0 FOR VACUUM PUMP DETAIL.
- 17 REFER TO 9/P9.0 FOR AIR COMPRESSOR DETAIL. 18 1/2" DCW DOWN TO TRAP PRIMER ASSEMBLY.
- 19 BALANCING VALVE AND CIRCUIT SETTER BALANCE TO 0.75 GPM.





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07/24/2018 ADDENDUM NO. 1



PROJECT NAME



Jane and Robert Cizik School of Nursing

The University of Texas

**Health Science Center at Houston** SIMULATION CENTER

PROJECT NUMBER

045017.0000 CIP 1601

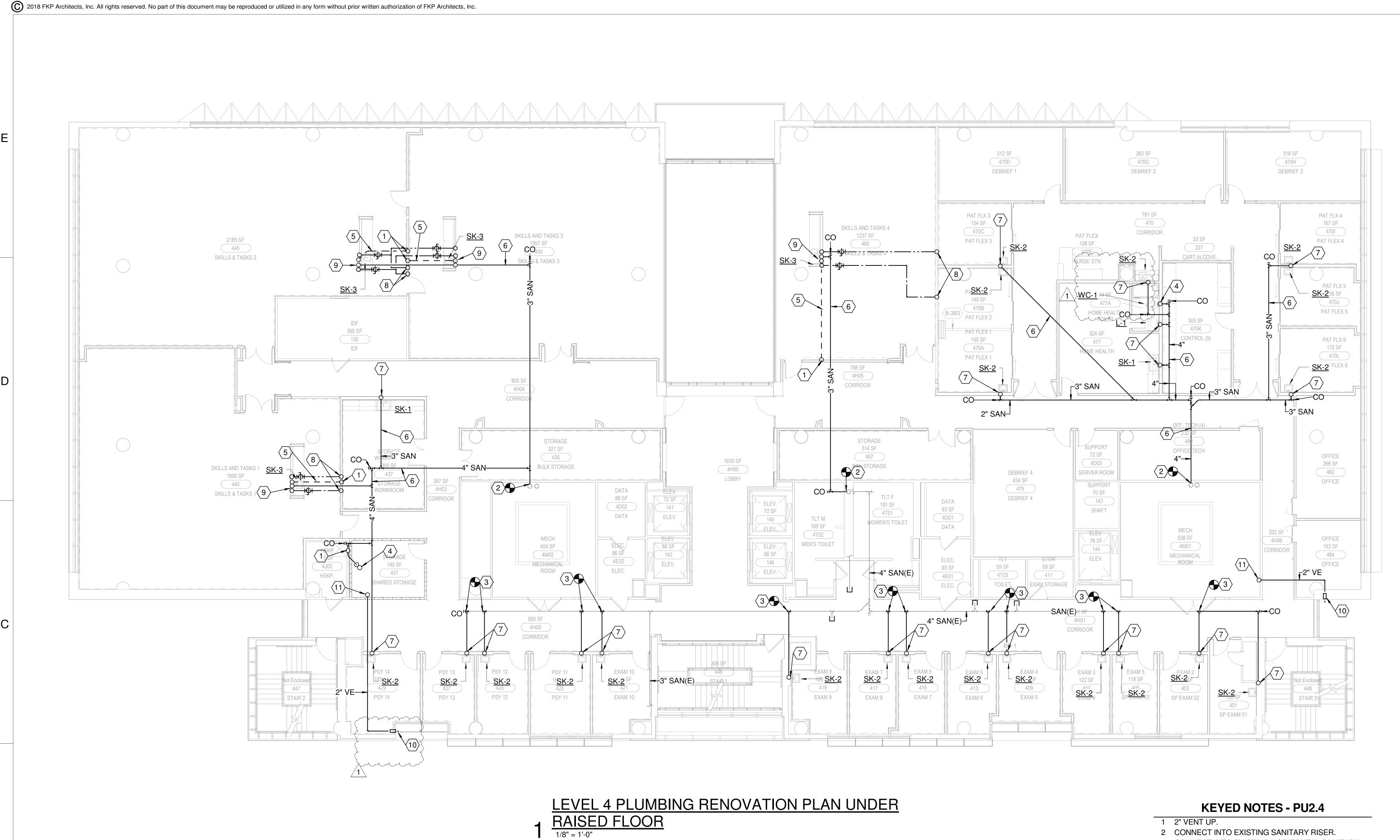
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LEVEL 4 PLUMBING RENOVATION PLAN

DRAWING NUMBER



- 3 CONNECT INTO EXISTING HORIZONTAL SANITARY
- 4 4" SAN FROM FIXTURE.
- 5 ISLAND VENTING VENT PIPE. RE: 4/P9.0 FOR DETAIL. 6 SAN PIPE ROUTED UNDER RAISED FLOOR.
- 7 2" SANITARY FROM FIXTURE.
- 8 3/4" DCW AND 3/4" DHW FROM ABOVE.
- 9 3/4" DCW AND 3/4" DHW UP TO FIXTURE. 2" SAN DOWN, 2" ISLAND VENT DOWN.
- 10 2" VACUUM EXHAUST THRU WALL. RE: 6/P9.0 FOR DETAIL.
- 11 2" VACUUM EXHAUST FROM ABOVE.





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DRAWING TITLE

LEVEL 4 PLUMBING RENOVATION PLAN UNDER FLOOR

DRAWING NUMBER

PU2.4

2