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SYM	YPE STYLE	FUNCTION	LENGTH	CLOSURE DIMENSI WIDTH	DEPTH	ENCLOSURE DESCRIPTION	ENCLOSURE MAKE & MODEL	MOUNTING STYLE	REFERENCE DETAIL	LEGEND NOTES
FB1	FLOOR	FLOOR BOX W/ AV, TELECOM AND POWER	11 3/16"	15 1/8"	6"	FLOOR BOX	WIREMOLD EFB8S-FC	FLUSH WITH FINISHED FLOOR	1/T7.01	[A],[B]
FB2	FLOOR	FLOOR BOX W/ AV, TELECOM AND POWER	11 1/4"	15 1/8"	3 1/8"	FLOOR BOX	WIREMOLD EFB10S-FC	FLUSH WITH FINISHED FLOOR	2/T7.01	[A],[C]
FB3	FLOOR	MULTISERVICE CONVENTION FLOOR BOX W/ AV, TELECOM, POWER, AIR, VAC, WATER	24"	19 9/16	22	FLOOR BOX	CONVENTION MULTISERVICE FLOOR BOX TBD E	BY MEP FLUSH WITH FINISHED FLOOR	-	[A],[N]
FP1	FLOOR	FLOOR RECESS POKE-THRU W/ TELECOM AND POWER	6"	6"	16 1/4"	POKE-THRU DEVICE	WIREMOLD EVOLUTION 6AT	FLUSH WITH FINISHED FLOOR	3/T7.01	[A],[D]
FP2	FLOOR	FLOOR RECESS POKE-THRU W/ AV, TELECOM AND POWER	8"	8"	16 1/4"	POKE-THRU DEVICE	WIREMOLD EVOLUTION 8AT	FLUSH WITH FINISHED FLOOR	5/T7.01	[A],[D1]
FP3	FLOOR	FLOOR RECESS POKE-THRU W/ TELECOM AND POWER	6"	6"	16 1/4"	POKE-THRU DEVICE	WIREMOLD EVOLUTION 6AT	FLUSH WITH FINISHED FLOOR	-	[A],[D]
J1	WALL	AV I/O PANEL - LARGE	8"	12"	4"	PULL BOX W/PAINTED SCREW COVER	HOFFMAN A-SE12X8X4NK	18" AFF - FLUSH	-	-
J2	WALL	AV I/O PANEL - MEDIUM	6"	8"	4"	PULL BOX W/PAINTED SCREW COVER	HOFFMAN A-SE8X6X4NK	18" AFF - FLUSH (UNLESS OTHERWISE INDICATED)	-	-
J3	WALL	AV I/O PANEL - SMALL	4 11/16"	4 11/16"	2 1/8"	PULL BOX W/RAISED TWO-DEVICE COVER	RACO 258, 259 OR 265	18" AFF - FLUSH (UNLESS OTHERWISE INDICATED)	-	[G]
J4	WALL	AV I/O PANEL	4 1/2"	8 5/8"	2 1/2"	PULL BOX W/RAISED THREE-DEVICE COVER	RACO 942	18" AFF - FLUSH (UNLESS OTHERWISE INDICATED)	-	[G]
J5	WALL	AV I/O PANEL - MEDIUM	4 11/16"	10 7/16"	2 1/8"	PULL BOX W/RAISED QUAD-DEVICE COVER	RACO 943	18" AFF - FLUSH (UNLESS OTHERWISE INDICATED)	-	[G]
J6	WALL	TOUCH PANEL	4 11/16"	4 11/16"	2 1/8"	PULL BOX W/RAISED TWO-DEVICE COVER	RACO 258, 259 OR 265	48" AFF - FLUSH (UNLESS OTHERWISE INDICATED)	-	[G]
J7	WALL	CAMERA	4 11/16"	4 11/16"	2 1/8"	PULL BOX W/RAISED TWO-DEVICE COVER	RACO 258, 259 OR 265	84" AFF - FLUSH (UNLESS OTHERWISE INDICATED)	-	[G]
J8	WALL	PROJECTION SCREEN CONTROL SWITCH (SINGLE)	4"	2 1/8"	2 1/8"	PULL BOX	RACO 674	48" AFF - FLUSH	-	[J]
J9	WALL	ROOM SCHEDULE	4 11/16"	4 11/16"	2 1/8"	PULL BOX W/RAISED HORIZONAL SINGLE DEVICE COVER	RACO 258, 259 OR 265	48" AFF - FLUSH	4/T7.01	[G]
J10	WALL	FLAT PANEL DISPLAY BOX W/ AV, TELECOM AND POWER	7 3/8"	14 1/4"	4"	SPECIALTY WALL BOX	FSR PWB-250	66" AFF - FLUSH (UNLESS OTHERWISE INDICATED)	4,5,6/T7.03	[E]
J11	WALL	FLAT PANEL DISPLAY BOX W/ AV, TELECOM AND POWER	7 1/8"	7 1/8"	4"	SPECIALTY WALL BOX	FSR PWB-200	66" AFF - FLUSH (UNLESS OTHERWISE INDICATED)	1,2,3,7/T7.03	[F]
J12	WALL	DISPLAY BOX W/ AV AND POWER	11 5/8"	11 1/4"	3 7/8"	SPECIALTY WALL BOX	WIREMOLD EFSB2	115" AFF - FLUSH (UNLESS OTHERWISE INDICATED)	9,10/T7.03	[F1]
J14	WALL	SIMULATED PHONE	4 11/16"	4 11/16"	2 1/8"	PULL BOX W/RAISED SINGLE-DEVICE COVER	RACO 258, 259 OR 265	48" AFF - FLUSH	-	[G]
J15	WALL	AV I/O - COORDINATE WITH HEADWALL	4"	2 1/8"	2 1/8"	PULL BOX	COORDINATE WITH HEADWALL	54" AFF - COORDINATE WITH HEADWALL	-	-
J30	CEILING	EQUIPMENT PULL BOX - MEDIUM	10"	10"	4"	PULL BOX W/PAINTED SCREW COVER	HOFFMAN A-SE10X10X4NK	18" ABOVE ACCESSIBLE CEILING (UNLESS OTHERWISE INDICATED)	-	-
J31	CEILING	VIDEO PROJECTOR TERMINATIONS ENCLOSURE W/ AV, TELECOM, AND POWER	24"	12"	1/16"	LAY-IN CEILING MOUNT WITH PLENUM BOX	CHIEF CMS440/CMA470	SUSPENDED FROM DECK - FLUSH WITH CEILING	3/T7.02	[H]
J33	CEILING	LOUDSPEAKER PULL BOX	4 11/16"	4 11/16"	2 1/8"	PULL BOX W/FLAT COVER	RACO 258, 259 OR 265	18" ABOVE FINISHED CEILING	-	-
J34	CEILING	WIRELESS MICROPHONE/HEARING ASSIST/CEILING MICROPHONE PULL BOX	4 11/16"	4 11/16"	2 1/8"	PULL BOX W/FLAT COVER	RACO 258, 259 OR 265	18" ABOVE ACCESSIBLE CEILING	-	-
J37	CEILING	LOUDSPEAKER PULL BOX	4 11/16"	4 11/16"	2 1/8"	PULL BOX W/FLAT COVER	RACO 258, 259 OR 265	SURFACE MOUNT TO BEAM FACE	-	-

Т	YPE	FUNCTION	ENCLOSURE DIMENSIONS		ENCLOSURE DESCRIPTION	ENCLOSURE MAKE & MODEL	MOUNTING STYLE	REFERENCE DETAIL	LEGE	
SYM	STYLE	TONCTION	LENGTH	WIDTH	DEPTH	ENCEOSORE DESCRIPTION		WOONTING STILL	REI ERENGE DETAIE	
N1	FLOOR	TELECOM OUTLET - FLOOR	-	-	-	FLOOR BOX INDICATED BY FB-NUMBER	COORDINATE W/ASSOCIATED FLOOR BOX	INSTALL IN FLOOR BOX PER MANUFACTURER DIRECTIONS	1,2,3,5/T7.01	[B],[C],[[
N5	WALL	TELECOM OUTLET - STANDARD	4 11/16"	4 11/16"	2 1/8"	PULL BOX W/RAISED SINGLE-DEVICE COVER	RACO 258, 259 OR 265	18" AFF - FLUSH (UNLESS OTHERWISE INDICATED)	-	[G
N6	WALL	TELECOM OUTLET - ABOVE COUNTER	4 11/16"	4 11/16"	2 1/8"	PULL BOX W/RAISED SINGLE-DEVICE COVER	RACO 258, 259 OR 265	42" AFF - FLUSH (UNLESS OTHERWISE INDICATED)	-	[G
N7	WALL	TELECOM OUTLET - IN RACEWAY	4 11/16"	4 11/16"	2 1/8"	PULL BOX W/RAISED SINGLE-DEVICE COVER	RACO 258, 259 OR 265	90" AFF - FLUSH (UNLESS OTHERWISE INDICATED)	-	[
N8	WALL	TELECOM OUTLET - FLAT PANEL DISPLAY	-	-	-	PART OF J10 OR J11	PART OF J10 OR J11	PART OF J10 OR J11	1,2,3,4,5,6,7/T7.03	[E]
N9	WALL	TELECOM OUTLET - COORDINATE WITH HEADWALL	4"	2"	2 1/8"	COORDINATE WITH HEADWALL	COORDINATE WITH HEADWALL	COORDINATE WITH HEADWALL	-	
N19	WALL	TELECOM OUTLET - ROOM SCHEDULE	-	-	-	BISCUIT BOX - COLOCATED TO STUB FROM J9	BISCUIT BOX	COLOCATED WITH CONDUIT STUB FROM J9 - IN ACCESSIBLE CEILING	4/T7.01	
N20	WALL	TELECOM OUTLET - IN FURNITURE	4 11/16"	4 11/16"	2 1/8"	COORDINATE WITH FURNITURE	COORDINATE WITH FURNITURE	COORDINATE INSTALLATION WITH FURNITURE	-	
N22	WALL	TELECOM OUTLET - CCTV	4 11/16"	4 11/16"	2 1/8"	PULL BOX W/RAISED SINGLE-DEVICE COVER	RACO 258, 259 OR 265	120" AFF - FLUSH	-	[
N23	WALL	TELECOM OUTLET - SPECIAL EQUIPMENT CONNECTION	4 11/16"	4 11/16"	2 1/8"	PULL BOX W/RAISED SINGLE-DEVICE COVER	RACO 258, 259 OR 265	COORDINATE INSTALLATION WITH APPROPRIATE TRADE	-	[
N30	CEILING	TELECOM PULL BOX - AV CAMERA	4 11/16"	4 11/16"	2 1/8"	PULL BOX W/FLAT COVER	RACO 258, 259 OR 265	18" ABOVE ACCESSIBLE CEILING	-	
N31	CEILING	TELECOM OUTLET - VIDEO PROJECTOR	-	-	-	PART OF J31	PART OF J31	PART OF J31	3/T7.02	[
N32	CEILING	TELECOM OUTLET - WAP	4 11/16"	4 11/16"	2 1/8"	PULL BOX W/BLANK COVER	RACO 258, 259 OR 265	18" ABOVE ACCESSIBLE CEILING	-	
N37	CEILING	TELECOM OUTLET - CCTV	4 11/16"	4 11/16"	2 1/8"	PULL BOX W/BLANK COVER	RACO 258, 259 OR 265	18" ABOVE ACCESSIBLE CEILING	-	

TYPE SYM	STYLE FUNCTION	VOLTS	AMPS	NEMA	DESCRIPTION	ADDITIONAL REQUIREMENTS	MOUNTING STYLE	REFERENCE DETAIL	LEGEND NOTES
P1	FLOOR POWER RECEPTACLE - FLOOR BOX	120	20	5-20R	DUPLEX RECEPTACLE INSIDE FLOOR BOX	-	INSTALL IN FLOOR BOX PER MANUFACTURER DIRECTIONS	1,2,3,5/T7.01	[B],[C],[D],[D1],[M],[I
P2	WALL POWER RECEPTACLE - FLAT PANEL DISPLAY	120	20	5-20R	DUPLEX RECEPTACLE	-	PART OF J11	1,2,3,7/T7.03	[F],[M]
P3	WALL POWER RECEPTACLE - TECHNOLOGY	120	20	5-20R	DUPLEX RECEPTACLE	TECHNOLOGY GROUND	18" AFF - FLUSH (UNLESS OTHERWISE INDICATED)	-	[M]
P4	WALL POWER RECEPTACLE - TECHNOLOGY	120	20	5-20R	DOUBLE DUPLEX RECEPTACLE	TECHNOLOGY GROUND	18" AFF - FLUSH (UNLESS OTHERWISE INDICATED)	-	[M]
P5	WALL POWER RECEPTACLE - AV DUPLEX D	120	20	5-20R	DUPLEX RECEPTACLE	DEDICATED CIRCUIT - TECHNOLOGY GROUND	18" AFF - FLUSH (UNLESS OTHERWISE INDICATED)	-	[M]
P6	WALL POWER RECEPTACLE - AV RACK	120	2 X 20	5-20R	DOUBLE DUPLEX RECEPTACLE	DUAL CIRCUIT TECHNOLOGY GROUND	90" AFF - MOUNT TO CABLE RUNWAY ABOVE EQUIPMENT RACK (UNLESS OTHERWISE INDICATED)	-	[M]
P7	WALL POWER RECEPTACLE - AV DBLDUPLEX D	120	20	5-20R	DOUBLE DUPLEX RECEPTACLE	DEDICATED CIRCUIT - TECHNOLOGY GROUND	18" AFF - FLUSH (UNLESS OTHERWISE INDICATED)	-	[M]
P8	WALL POWER RECEPTACLE - HEADWALL	120	20	5-20R	DUPLEX RECEPTACLE	COORDINATE WITH HEADWALL	COORDINATE WITH HEADWALL	-	[M]
P9	WALL POWER RECEPTACLE - LED DISPLAY	120	20	5-20R	DUPLEX RECEPTACLE INSIDE WALL BOX	DEDICATED CIRCUIT - TECHNICAL GROUND	PART OF J12	9,10/T7.03	[F1],[M]
P10	WALL POWER RECEPTACLE - TELECOM RACK (ON EMERGENCY POWER)	208	20	L6-20R	TWIST-LOCK RECEPTACLE	-	90" AFF - MOUNT TO CABLE RUNWAY ABOVE EQUIPMENT RACK	-	[M]
P11	WALL POWER RECEPTACLE - TELECOM CONVENIENCE OUTLET	120	20	5-20R	DOUBLE DUPLEX RECEPTACLE	-	18" AFF - FLUSH	-	[M]
P12	WALL POWER RECEPTACLE - FLAT PANEL DISPLAY	120	20	5-20R	(2) DUPLEX RECEPTACLES	-	PART OF J10	4,5,6/T7.03	[E][M]
P31	CEILING POWER RECEPTACLE - VIDEO PROJECTOR	120	20	5-20R	DUPLEX RECEPTACLE	-	PART OF J31	3/T7.02	[H],[M]
P32	CEILING POWER CIRCUIT - MOTORIZED PROJECTION SCREEN	120	20	-	WORKBOX W/POWER CKT.	-	TERMINATE PER MFG INSTRUCTIONS	-	[J],[M]
P33	CEILING POWER RECEPTACLE - AV DBLDUPLEX	120	20	-	DOUBLE DUPLEX RECEPTACLE	DEDICATED CIRCUIT - TECHNOLOGY GROUND	18" ABOVE ACCESSIBLE CEILING	-	[M]

			ΙE
	FLOOR BOX/FLOOR POKE-THRU DEVICE	CABLE BASKET - REFER TO PLANS FOR SIZE	
	FLOOR CONDUIT STUB	CONDUIT - REFER TO PLANS FOR SIZE	
$\otimes \neg$	JUNCTION WALL BOX	EZ PATH PATHWAYS	
$\otimes$	JUNCTION CEILING BOX	\$ CEILING RECESSED LOUDSPEAKER BY AV CONTRACTOR SHOWN FOR COORDINATION PURPOSES ONLY	
	TELECOM FLOOR OUTLET		
▼	TELECOM WALL OUTLET		
$\bigcirc$	TELECOM CEILING OUTLET		
P	FLOOR POWER CIRCUIT		
	FLOOR POWER DUPLEX RECEPTACLE		
	FLOOR POWER DOUBLE DUPLEX RECEPTACLE		
P=	WALL POWER CIRCUIT		
€	WALL POWER DUPLEX RECEPTACLE		
⊕=	WALL POWER DOUBLE DUPLEX RECEPTACLE		
P	CEILING POWER CIRCUIT		
⊜	CEILING DUPLEX RECEPTACLE		
⊕	CEILING DOUBLE DUPLEX RECEPTACLE		

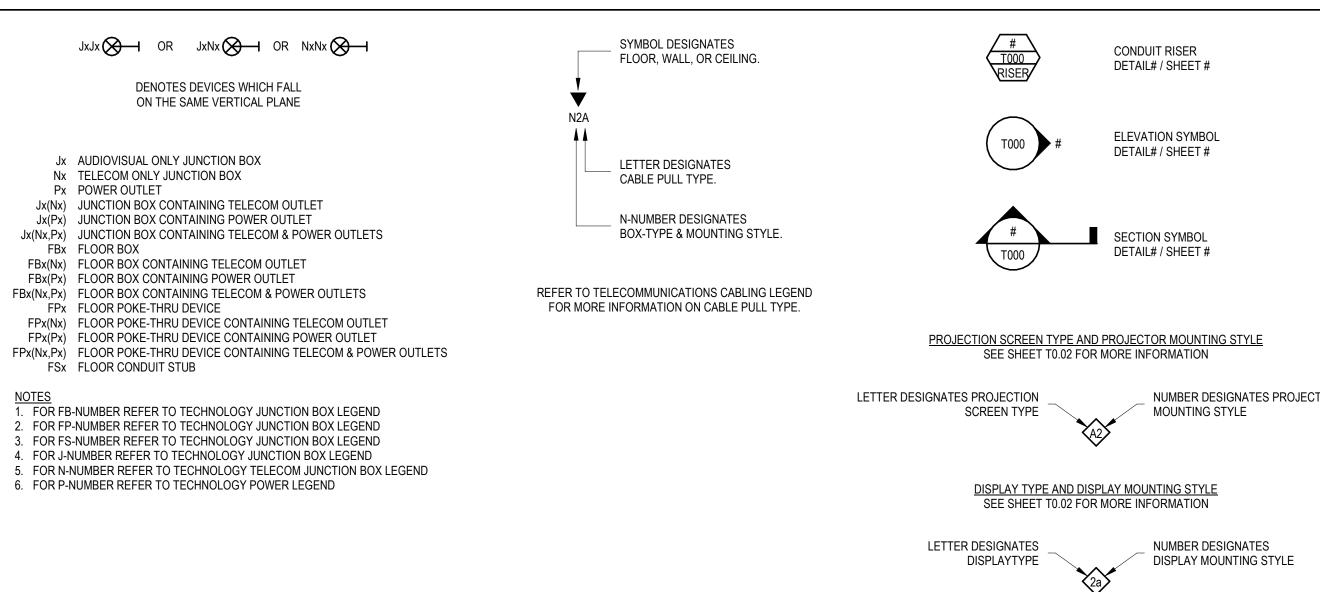
TELE	CON	IMUN	NICATION	IS CABLING LEGEND
TYPE	CAT 6A	COAX	REFERENCE DETAIL	NOTES
А	1	0	6/T8.01	-
В	2	0	6/T8.01	-
С	4	0	6/T8.01	-
D	6	0	6/T8.01	-
E	-	-	-	CABLE PASS-THROUGH
F	3	0	6/T8.01	
Н	96	0	-	RACK ROOM FEED - RACK MOUNTED PATCH PANEL OR SWITCH

## OGY JUNCTION BOX LEGEND

## TECHNICI OCV TELECOM ILINICTION DOVI ECENID

## TEOLINIOLOOV DOWED LEOEND

## TECHNOLOGY SYMBOLS LEGEND



	LEGEND NOTES
EGEND NOTES	[A] FLOOR BOXES AND FLOOR PENETRATIONS: VERIFY EXACT LOCATION, COVER STYLE AND FINISH WITH ARCHITECT PRIOR TO INSTALLATION.
[4],[C] [A],[N] [A],[D]	[B] FB1(N1,P1) FLOOR BOX CONFIGURATION: WIREMOLD EVOLUTION SERIES EFB8S-FC FLOOR BOX WITH FINISHED COVER. VERIFY COVER STYLE AND FINISH WITH ARCHITECT PRIOR TO ORDERING. INCLUDED COMPONENTS: TEMPORARY CONSTRUCTION COVER, TUNNEL SYSTEM, TWO REMOVABLE MODULES, CABLE MANAGEMENT GUIDES, MOUNTING CLAMPS AND LEVELING SUPPORT LCCS, PROVIDE AS REQUIRED; POWER RECEPTACIES, COMMUNICATION, MACKE, MOUNTING PRACKETS, DEVICE REALFS, DIVIDED REALFS, DIVIDED REALFS, DIVIDED RECEPTACIES, COMMUNICATION, MACKETS, DEVICE REALFS, DIVIDED REA
[A],[D] [A],[D1] [A],[D]	SUPPORT LEGS. PROVIDE AS REQUIRED: POWER RECEPTACLES, COMMUNICATION JACKS, MOUNTING BRACKETS, DEVICE PLATES, BLANK DEVICE PLATES, DIVIDER PLATES, AND OTHER ACCESSORIES AS NEEDED. CONFIGURE BOX ACCORDING TO DETAILS. VERIFY EXACT LOCATION WITH ARCHITECT PRIOR TO INSTALLATION.
- - [G]	WIREMOLD EVOLUTION SERIES EFB10S-FC FLOOR BOX WITH FINISHED COVER. VERIFY COVER STYLE AND FINISH WITH ARCHITECT PRIOR TO ORDERING. INCLUDED COMPONENTS: TEMPORARY CONSTRUCTION COVER, TUNNEL SYSTEM, TWO REMOVABLE MODULES, CABLE MANAGEMENT GUIDES, MOUNTING CLAMPS AND LEVELING SUPPORT LEGS. PROVIDE AS REQUIRED: POWER RECEPTACLES, COMMUNICATION JACKS, MOUNTING BRACKETS, DEVICE PLATES, BLANK DEVICE PLATES, DIVIDER PLATES,
[G] [G] [G]	AND OTHER ACCESSORIES AS NEEDED. CONFIGURE BOX ACCORDING TO DETAILS. VERIFY EXACT LOCATION WITH ARCHITECT PRIOR TO INSTALLATION.
[G] [J] [G]	WIREMOLD EVOLUTION SERIES 6AT POKE-THRU DEVICE WITH FINISHED COVER. VERIFY COVER STYLE AND FINISH WITH ARCHITECT PRIOR TO ORDERING. INCLUDED COMPONENTS: TEMPORARY CONSTRUCTION COVER, 5PTHA 1/2-GANG PASS-THROUGH HOUSING, 1PTHA 1-GANG PASS-THROUGH HOUSING ASSEMBLY, AND 575CHA 1/2-GANG ¾" CONDUIT HOUSING ASSEMBLY. PROVIDE AS REQUIRED: POWER RECEPTACLES, COMMUNICATION JACKS, CENTER MOUNT DEVICE PLATES, SIDE MOUNT DEVICE PLATES, BOTTOM FEED ASSEMBLIES, AND OTHER ACCESSORIES AS NEEDED. CONFIGURE BOX ACCORDING TO DETAILS. VERIFY EXACT LOCATION WITH ARCHITECT PRIOR TO
[E] [F] [F1]	INSTALLATION. [D1] FP2(N1,P1) POKE-THRU CONFIGURATION:
[G] -	WIREMOLD EVOLUTION SERIES 8AT POKE-THRU DEVICE WITH FINISHED COVER. VERIFY COVER STYLE AND FINISH WITH ARCHITECT PRIOR TO ORDERING. INCLUDED WIREMOLD (LEGRAND) EVOLUTION 8AT 8" PRE-WIRED POKE-THRU DEVICE. VERIFY COVER STYLE AND FINISH WITH ARCHITECT PRIOR TO ORDERING. INTERIOR OPTIONS: PROVIDE QTY(2)#68REC INSERT PLATE FOR THE OUTSIDE (POWER) COMPARTMENTS. PROVIDE QTY(2) #8B INSERT PLATES FOR TWO CONTIGUOUS MIDDLE COMPARTMENTS FOR AUDIOV(2)#68 INSERT PLATES FOR TWO CONTIGUOUS MIDDLE COMPARTMENTS FOR AUDIOV(2)#68 INSERT PLATES FOR TWO CONTIGUOUS MIDDLE COMPARTMENTS FOR AUDIOV(2)#68 INSERT PLATES FOR TWO CONTIGUOUS MIDDLE COMPARTMENTS FOR AUDIOV(2)#68 INSERT PLATES FOR TWO CONTIGUOUS MIDDLE COMPARTMENTS FOR AUDIOV(2)#68 INSERT PLATES FOR TWO CONTIGUOUS MIDDLE COMPARTMENTS FOR AUDIOV(2)#68 INSERT PLATES FOR TWO CONTIGUOUS MIDDLE COMPARTMENTS FOR AUDIOV(2)#68 INSERT PLATES FOR TWO CONTIGUOUS MIDDLE COMPARTMENTS FOR AUDIOV(2)#68 INSERT PLATES FOR TWO CONTIGUOUS MIDDLE COMPARTMENTS FOR AUDIOV(2)#68 INSERT PLATES FOR TWO CONTIGUOUS MIDDLE COMPARTMENTS FOR AUDIOV(2)#68 INSERT PLATES FOR TWO CONTIGUOUS MIDDLE COMPARTMENTS FOR AUDIOV(2)#68 INSERT PLATES FOR TWO CONTIGUOUS MIDDLE COMPARTMENTS FOR AUDIOV(2)#68 INSERT PLATES FOR TWO CONTIGUOUS MIDDLE COMPARTMENTS FOR AUDIOV(2)#68 INSERT PLATES FOR TWO CONTIGUOUS MIDDLE COMPARTMENTS FOR AUDIOV(2)#68 INSERT PLATES FOR TWO CONTIGUOUS MIDDLE COMPARTMENTS FOR AUDIOV(2)#68 INSERT PLATES FOR TWO CONTIGUOUS MIDDLE COMPARTMENTS FOR AUDIOV(2)#68 INSERT PLATES FOR TWO CONTIGUOUS MIDDLE COMPARTMENTS FOR AUDIOV(2)#68 INSERT PLATES FOR TWO CONTIGUOUS MIDDLE FOR AUDIOV(2)#68 INSERT PLATES FOR TWO CONTIGUOUS FOR AUDIOV(2)#69 INSERT PLATES FOR TWO CONTIGUOUS FOR AUDIOV(2)#69 INSERT PLATES FOR TWO
- [H] - -	FOR AUDIOVISUAL USE, AND RESERVING THE LAST MIDDLE COMPARTMENT FOR DATA, AND PROVIDE (1) 8SER. BOTTOM OPTIONS: PROVIDE QTY(1)#575CHA BOTTOM HOUSING ASSEMBLY FOR ONE OUTSIDE (POWER) COMPARTMENT WITH PASSTHRU WIRING TO OTHER OUTSIDE (POWER) COMPARTMENT. PROVIDE QTY(3)#1125CHA 1-1/4" CONDUIT RECEIVER BOTTOM HOUSING ASSEMBLY FOR THE MIDDLE (AV & DATA) COMPARTMENTS (1 EA.). COVER OPTIONS: VERIFY COVER STYLE AND FINISH WITH ARCHITECT PRIOR TO INSTALLATION.
- -	[E] J10(N8,P2) FLAT PANEL DISPLAY BOX CONFIGURATION: FSR PWB-250 WALL BOX. INCLUDES NETWORK OUTLET N8 AND POWER RECEPTACLE P2. ASSEMBLY COMES STANDARD WITH QTY-1 SINGLE GANG POWER BOX. ORDER ADDITIONAL SINGLE GANG BOX FOR NETWORK. NOTE: TWO ADD-ON SINGLE GANG BOXES ARE REQUIRED FOR CORRECT INSTALLATION. ORDER ADDITIONAL LOW VOLTAGE ENTRY BOX FSR PART NO. PWB-250-CBB IF REQUIRED. TERMINATE CONDUITS TO UPPER OR LOWER LOW-VOLTAGE ENTRY BOX AS INDICATED ON THE CONDUIT RISER DRAWINGS. CUSTOM PUNCH FOR CONDUIT IF REQUIRED. ORDER WITH WHITE PAINTABLE COVER. COVER.
EGEND NOTES	[F] J11(N8,P2) FLAT PANEL DISPLAY BOX: FSR PWB-200 WALL BOX. INCLUDES NETWORK OUTLET N8 AND POWER RECEPTACLE P2. ASSEMBLY COMES STANDARD WITH QTY-1 SINGLE GANG POWER BOX. ORDER ADDITIONAL SINGLE GANG BOX FOR NETWORK AND PWB-200-MNT BRACKET EARS. MOUNT BOX SO THAT THE SINGLE GANG ADD ON BOXES ARE TO THE SIDES. NOTE: TWO
[G],[K],[L] [G],[K],[L] [G],[K]	ADD-ON SINGLE GANG BOXES AND BRACKET EARS ARE REQUIRED FOR CORRECT INSTALLATION. CONNECT AV CONDUIT TO TOP OR BOTTOM OF MAIN BOX AS SHOWN ON RISER DIAGRAM. CUSTOM PUNCH FOR CONDUIT IF REQUIRED. ORDER WITH WHITE PAINTABLE COVER.
[E],[F],[K] [K] [K] [K]	[F1] J12(P9) DISPLAY BOX: WIREMOLD EVOLUTION SERIES EFSB2 DISPLAY WALL BOX. VERIFY COVER COLOR WITH ARCHITECT PRIOR TO ORDERING. INCLUDED COMPONENTS: TUNNEL, DEVICE MODULE, STORAGE MODULE, TRIM FLANGE, AND DECORATIVE COVER. PROVIDE AS REQUIRED: POWER RECEPTACLES, COMMUNICATION JACKS, DEVICE PLATES, BLANK DEVICE PLATES, KNOCKOUT PLATES, AND OTHER ACCESSORIES AS NEEDED. CONFIGURE BOX ACCORDING TO DETAILS.
[G],[K] [G],[K] [K]	[G] RACO JUNCTION BOXES W/RAISED DEVICE COVERS: PROVIDE A SQUARE PULL BOX WITH APPROPRIATE KNOCKOUTS TO MATCH CONDUIT REQUIREMENTS. WHERE INDICATED PROVIDE A RAISED SINGLE OR MULTI DEVICE COVER AS SPECIFIED OF APPROPRIATE DEPTH TO MATCH WALL THICKNESS.
[H],[K] [K] [K]	[H] CEILING SUSPENDED VIDEO PROJECTOR: THE LOCATION OF THE AUDIOVISUAL, POWER AND TELECOM JUNCTION BOXES IN RELATION TO THE PROJECTION SCREEN IS CRITICAL. FOR VIDEO PROJECTOR INFRASTRUCTURE LAYOUT INFORMATION SEE SHEET T0.02 AND REFERENCED DETAILS.
	[J] PROJECTION SCREEN LOW VOLTAGE CONTROL SYSTEM: PROVIDE AC LINE VOLTAGE CONNECTION TO SCREEN CONTROL INTERFACE BUILT INTO MOTORIZED PROJECTION SCREEN HOUSING PER MANUFACTURER'S INSTRUCTION. PROVIDE LOW VOLTAGE WIRING CONNECTION FROM SCREEN CONTROL INTERFACE TO WALL MOUNTED PROJECTION SCREEN WALL SWITCH PER MANUFACTURER'S INSTRUCTION.
EGEND NOTES ,[C],[D],[D1],[M],[N] [F],[M] [M]	IKI TELECOM OUTLETS AND ASSOCIATED CONDUITS: CONDUIT MUST BE PROVIDED FOR ALL TELECOM JUNCTION BOXES. SEE THE "TELECOMMUNICATIONS TYPICAL CONDUIT RISER" FOR CONDUIT REQUIREMENTS BY TELECOM JUNCTION BOX TYPE. REFER TO THE TELECOM PLANS FOR THE LOCATIONS OF JUNCTION BOXES AND FLOOR BOXES, AND THE "TELECOMMUNIACTIONS CABLING LEGEND" FOR OUTLET CONFIGURATION REQUIREMENTS. TELECOM CABLING, OUTLETS AND COVER PLATES PROVIDED BY THE STRUCTURED CABLING SYSTEMS CONTRACTOR.
[M] [M] [M]	[L] POWER RECEPTACLES ADJACENT STANDARD TELECOM WALL OUTLETS: N5, N6 STANDARD TELECOM WALL OUTLETS SHOULD HAVE A QUAD POWER RECEPTACLE LOCATED WITHIN 36" OF THE TELECOM WALL OUTLET. IDEALLY, THE TELECOM OUTLET BOX WILL BE MOUNTED TO ONE SIDE OF A STUD, AND THE POWER BOX TO THE OPPOSITE SIDE OF THE STUD. SEE DETAIL 3/T8.01.
[M] [M] [F1],[M] [M]	[M] POWER RECEPTACLES TECHNICAL POWER RECEPTACLES, INCLUDING THOSE WITHIN FLOOR BOXES, WALL BOXES, OR CEILING BOXES, ARE PROVIDED BY ELECTRICAL CONTRACTOR AND APPEAR ON THE ELECTRICAL DRAWINGS. THE TECHNICAL POWER RECEPTACLES ALSO APPEAR ON THE TECHNOLOGY INFRASTRUCTURE DRAWINGS FOR COORDINATION AND LOCATION PURPOSES. THE LOCATION OF TECHNICAL POWER RECEPTACLES IN RELATION TO OTHER TECHNOLOGY INFRASTRUCTURE MAY BE CRITICAL. REFER TO THE ELECTRICAL DRAWINGS FOR COMPLETE POWER LAYOUTS AND CIRCUITING DETAILS.
[M] [E][M] [H],[M] [J],[M] [M]	[N] FB3(N1,P1) CONVENTION MULTISERVICE FLOOR BOX AV/DATA/POWER CONFIGURATION: MULTISERVICE CONVENTION FLOOR BOX WITH FINISHED COVER, MAKE AND MODEL BY MEP. ALL SERVICES TO BE COORDINATED WITH MEP DRAWINGS, AV-DATA-POWER SHALL BE INCLUDED AS FOLLOWS: POWER RECEPTACLES, COMMUNICATION JACKS, MOUNTING BRACKETS, DEVICE PLATES, BLANK DEVICE PLATES, DIVIDER PLATES, AND OTHER ACCESSORIES AS NEEDED. CONFIGURE BOX WITH MINIMUM DOUBLE DUPLEX POWER, (4) DATA JACKS AND (2) CONTIGUOUS GANGS FOR AV. VERIFY EXACT LOCATION WITH ARCHITECT PRIOR TO INSTALLATION.
	GENERAL NOTES
	SUBSTITUTIONS: THE MANUFACTURER AND MODEL OF JUNCTION BOXES IN THE TECHNOLOGY LEGENDS HAVE BEEN LISTED TO ESTABLISH THE DESIRED LEVEL OF QUALITY AND PERFORMANCE FOR EACH DEVICE. UNLESS OTHERWISE INDICATED, THE INSTALLING CONTRACTOR MAY SUBSTITUTE THESE DEVICES WITH EQUIVALENT PRODUCT BY OTHER MANUFACTURERS.
	DEVICE MOUNTING: DEVICE SPECIFIED MOUNTING ELEVATIONS ARE "ON CENTER" UNLESS OTHERWISE NOTED.
	JUNCTION BOX COVERS: UNLESS OTHERWISE DIRECTED, ALL JUNCTION BOXES MUST BE PROVIDED WITH A COVER. WHERE RAISED DEVICE COVERS ARE SPECIFIED IN THE SCHEDULE, MATCH COVER DEPTH TO WALL THICKNESS. WHERE JUNCTION BOXES ARE MOUNTED AT OR ABOVE FINISHED CEILING HEIGHT, INSTALL JUNCTION BOX WITH OPEN SIDE FACING DOWN.
	CONDUIT RUNS: ALL CONDUIT RUNS SHALL BE STEEL, THIN-WALL ELECTRICAL METALLIC TUBING (EMT) UNLESS OTHERWISE INDICATED. THE USE OF FLEXIBLE CONDUIT IS NOT PERMISSIBLE EXCEPT WHERE INDICATED ON THE DRAWINGS. CONDUIT SIZES AND INTERCONNECTIONS SHALL BE AS INDICATED ON THE DRAWINGS. CONDUIT ROUTING IS AT CONTRACTOR'S DISCRETION BUT THE CONTRACTOR SHALL PROVIDE A PULL BOX IMMEDIATELY BEFORE AND AFTER ANY CONDUIT RUN SECTION CONTAINING TWO NINETY- DEGREE TURNS, OR ANY SINGLE RUN EXCEEDING FIFTY FEET IN LENGTH REGARDLESS OF WHETHER PULL BOXES ARE SHOWN ON THE DRAWINGS OR NOT. ALL CONDUIT RUNS SHALL BE PROVIDED WITH A PULL STRING.
	CONDUIT STUBS: PROVIDE A NYLON BUSHING ON ALL CONDUIT STUBS AND NON-TERMINATED CONDUIT ENDS TO PROTECT WIRE PULLS.
	GROUNDING: GROUND COMMUNICATIONS SYSTEMS AND EQUIPMENT IN ACCORDANCE WITH ANSI/TIA/EIA-607-C GROUNDING STANDARD AND APPLICABLE NEC REQUIREMENTS EXCEPT WHERE THE DRAWINGS OR SPECIFICATIONS EXCEED NEC REQUIREMENTS. ALL RACKS, METALLIC BACKBOARDS, CABLE SHEATHS, METALLIC STRENGTH MEMBERS, SPLICE
S PROJECTOR	CASES, CABLE TRAYS, ETC. ENTERING OR RESIDING IN TECHNICAL EQUIPMENT SPACES SHALL BE GROUNDED TO THEIR RESPECTIVE GROUND SYSTEM USING A MINIMUM #6 AWG STRANDED COPPER BONDING CONDUCTOR AND COMPRESSION CONNECTORS. ALL WIRES USED FOR TECHNICAL POWER SYSTEMS GROUNDING PURPOSES SHALL BE IDENTIFIED WITH GREEN INSULATION OR IDENTIFIED AT EACH TERMINATION POINT WITH A WRAP OF GREEN TAPE. ALL CABLES AND BUS BARS SHALL BE IDENTIFIED AND LABELED "TECHNICAL POWER SYSTEM GROUND".
	FIRE STOPPING: THE FIRE STOP SYSTEM SHALL COMPLY WITH THE IBC, NEC AND WITH NFPA 101-LIFE SAFETY CODE (LATEST EDITION) AND SHALL BE MADE AVAILABLE FOR INSPECTION BY THE LOCAL INSPECTION AUTHORITIES PRIOR TO CABLE SYSTEM ACCEPTANCE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE FIRE RATING OF ALL WALLS AND FLOORS HAVING PENETRATIONS. COORDINATE SEALANT INSTALLATION WITH WORK OF OTHER TRADES. REFER TO GENERAL AND/OR ELECTRICAL SPECIFICATION SECTIONS FOR FURTHER MATERIAL AND INSTALLATION PARAMETERS.
S STYLE	TECHNICAL POWER & GROUNDING SYSTEM (TPS & TGS): DUE TO THE SENSITIVE NATURE OF ELECTRONIC EQUIPMENT THAT IS BEING USED, POWER QUALITY MUST BE ASSURED. POWER FOR TECHNOLOGY SYSTEMS SHOULD BE DERIVED FROM POWER PANELS WHICH DO NOT SHARE CIRCUITS WITH EQUIPMENT LOADS THAT GENERATE ELECTRICAL NOISE ON THE POWER LINE. THIS MIGHT INCLUDE: AIR CONDITIONING EQUIPMENT, MOTORS, HEAVY INDUSTRIAL EQUIPMENT, OR DIMMED LIGHTING LOADS; ALL OF WHICH CREATE TRANSIENTS, HARMONICS, SURGES AND SPIKES. FOR ADDITIONAL GUIDELINES REFER TO THE IEEE STD. 1100 (2005) EMERALD BOOK 'RECOMMENDED PRACTICE FOR POWERING AND GROUNDING ELECTRONIC EQUIPMENT'. WHERE PRACTICAL, ALL TECHNICAL POWER CIRCUITS FOR EQUIPMENT WITHIN A ROOM SHOULD BE ON THE SAME PHASE TO INSURE PROPER EQUIPMENT TIMING WITHIN THE SYSTEM.
	TRANSIENT VOLTAGE SURGE SUPPRESSION (TVSS) DEVICES SHOULD BE PROVIDED AT POWER DISTRIBUTION PANELS SERVING TECHNICAL POWER CIRCUITS. THESE TVSS DEVICES MUST BE INSTALLED ACCORDING TO NEC ARTICLE 285. ALL DEVICES MUST BE UL 1449 COMPLIANT. TECHNICAL GROUND SYSTEM (TGS)
	TECHNICAL GROUND SHALL CONSIST OF AN INSULATED GROUND CONDUCTOR FROM THE PANEL BOARD TO EACH TECHNICAL GROUND RECEPTACLE. AT THE RECEPTACLE, THE GROUND CONDUCTOR SHALL BE ELECTRICALLY ISOLATED FROM THE ELECTRICAL BOX AND CONDUIT SYSTEM.

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## **REPURPOSING INTERIM HOSPITAL** LOUISIANA STATE UNIVERSITY MEDICAL CENTER

2021 PERDIDO ST, NEW ORLEANS, LOUISIANA 70112 FP&C PROJECT NO. | 19-604N-16-01, PT. 01, F.19001156; F19.002168;01-107-05B-13, F.01003750; & 19-604N-05-05, F.19002231 (SUPPLEMENT) EDR PROJECT NO. | 16053

PROJECT ISSUE DATE | 7 JUNE 2019

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The intent of the Contract Documents is to include all items necessary for proper execution and completion of the work by Contractor. The Contract Documents are complementary, and what is required by one shall be as binding as if required by all; performance by the Contractor shall be required only to the extent consistent with the Contract Documents and reasonably inferable from them as being necessary to produce the indicated results.

14 AUG 2019 ADDENDUM 1

## **TECHNOLOGY INFRASTRUCTURE** LEGENDS AND SYMBOLS

**T0.01** 

	PROJECTION SCREEN TYPE LEGEND											
	ALL DIMENSIONS IN INCHES/WEIGHT IN POUNDS											
TYPE	IMAGE HEIGHT (IH)	E SIZE WIDTH (IW)	HEIGHT (CH)	CASE SIZE WIDTH (CW)	DEPTH (CD)	WEIGHT	INSTALLATION	OPERATION	MAKE & MODEL	IMAGE SURFACE MATERIAL	CONTROL	REFERENCE DETAIL
А	54"	96"	6 7/16"	126"	7 3/4"	80	CEILING RECESSED - FLUSH	MOTORIZED	DA-LITE TENSIONED ADVANTAGE ELECTROL	HD PROGRESSIVE 0.9	LOW VOLTAGE CONTROL	1/T7.02
В	65"	104"	6 7/16"	131"	7 3/4"	85	CEILING RECESSED - FLUSH	MOTORIZED	DA-LITE TENSIONED ADVANTAGE ELECTROL	HD PROGRESSIVE 0.9	LOW VOLTAGE CONTROL	1/T7.02
С	57 1/2"	92"	6 7/16"	119"	7 3/4"	80	CEILING RECESSED - FLUSH	MOTORIZED	DA-LITE TENSIONED ADVANTAGE ELECTROL	HD PROGRESSIVE 0.9	LOW VOLTAGE CONTROL	1/T7.02

1. SEE THE ROOM PROJECTION SCREEN SCHEDULE ON THIS SHEET FOR LOCATIONS. 2. PROJECTION SCREEN, PROJECTION SCREEN CONTROL SWITCHES, MOUNTING HARDWARE, CONDUITS, AND ELECTRICAL PROVIDED BY G.C. 3. REFER TO THE DETAILS LISTED IN THE LEGEND FOR EACH PROJECTION SCREEN TYPE.

#### **ROOM PROJECTION SCREEN SCHEDULE** ALL DIMENSIONS IN INCHES PROJECTOR MOUNT SCREEN PROJECTOR QTY. SCREEN TYPE DISTANCE ROOM NUMBER BOTTOM OF BLACK DROP DISTANCE DISTANCE DISTANCE MOUNTING STYLE IMAGE AFF (EST.) [D1] [D1x] [D2] [D2x] 48" 143" 5" 0" 1024 1 48" 143" 1026

48"

1 48"

VIDEO PROJECTOR MOUNTING STYLE DETAILS

1

1

3039

REFER TO THE PROJECTOR & DISPLAY MOUNTING STYLE LEGEND FOR MORE INFORMATION.

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PROJECTION SCREEN / VIDEO PROJECTOR RELATIONSHIP IS CRITICAL (SEE GRAPHIC AND NOTES BELOW)

1

# ROOM

CEILING MOUNTED VIDEO PROJECTION SCREEN & PROJECTOR LAYOUT (TYP.) - PLAN VIEW

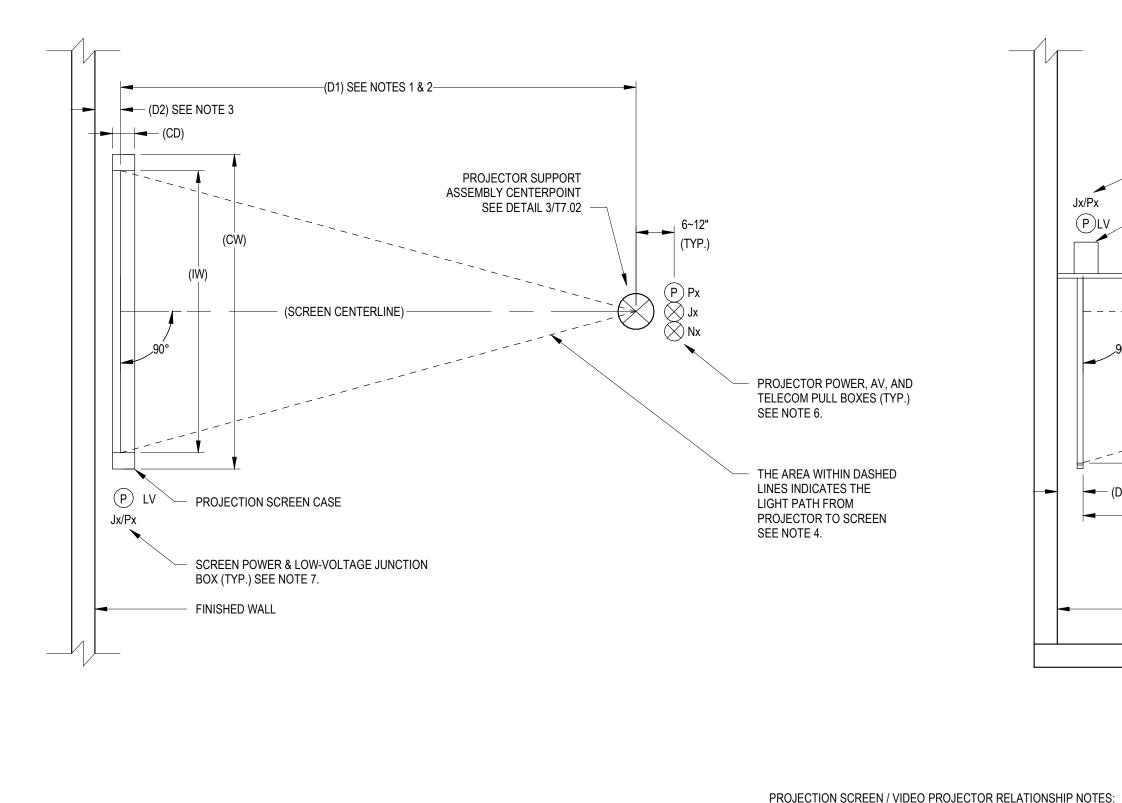
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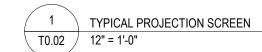
0"

12" 192" 0" 6" 0"

6"

0"





		NO	NOMINAL CASE SIZE				
TYPE	IMAGE DIAGONAL	HEIGHT	WIDTH	DEPTH	WEIGHT		
5	24"	13 3/8"	22 1/2"	2 5/16"	11.4		
7	43"	21 13/16"	37 15/16"	1 3/16"	44		
8	49"	24 13/16"	42 7/8"	2"	32		
9	55"	29"	50"	4"	64		
10	65"	34"	59"	4"	122		
11	75"	37 13/16"	66 3/16"	2 1/2"	100		
12	85"	44"	76"	4"	260		
16	90"	46"	80"	4"	165		

ROOM DISPLAY SCHEDULE							
ALL DIMENSIONS IN INCHES							
M NUMBER	DISPLAY QTY.	DISPLAY TYPE	MOUNTING STYLE	ELEV AFF O.C.			
1000	1	16	а	69"			
1019	1	8	а	54"			
1019	4	9	а	72"			
1019	2	10	а	60"			
1020	3	10	а	100"			
1043	1	11	а	66"			
1045	1	11	а	66"			
1048	1	11	а	66"			
1050	1	9	а	100"			
1051	1	11	а	66"			
1052	1	7	а	84"			
1052	1	11	а	66"			
1057	1	5	а	54"			
1058	2	5	а	54"			
1060	4	5	а	54"			
1060	1	11	а	70"			
1123	5	7	а	60"			
1125	1	11	а	70"			
1130	1	9	а	72"			
1148	1	9	а	60"			
2014	1	9	а	60"			
2020	2	12	а	72"			
2022	2	12	а	72"			
2029	1	9	а	60"			
2051	1	10	а	76"			
2053	1	10	а	76"			
2055	1	10	а	76"			
2057	1	10	а	76"			
2067	1	10	а	76"			
2071	1	10	а	76"			
2080	1	10	а	80"			

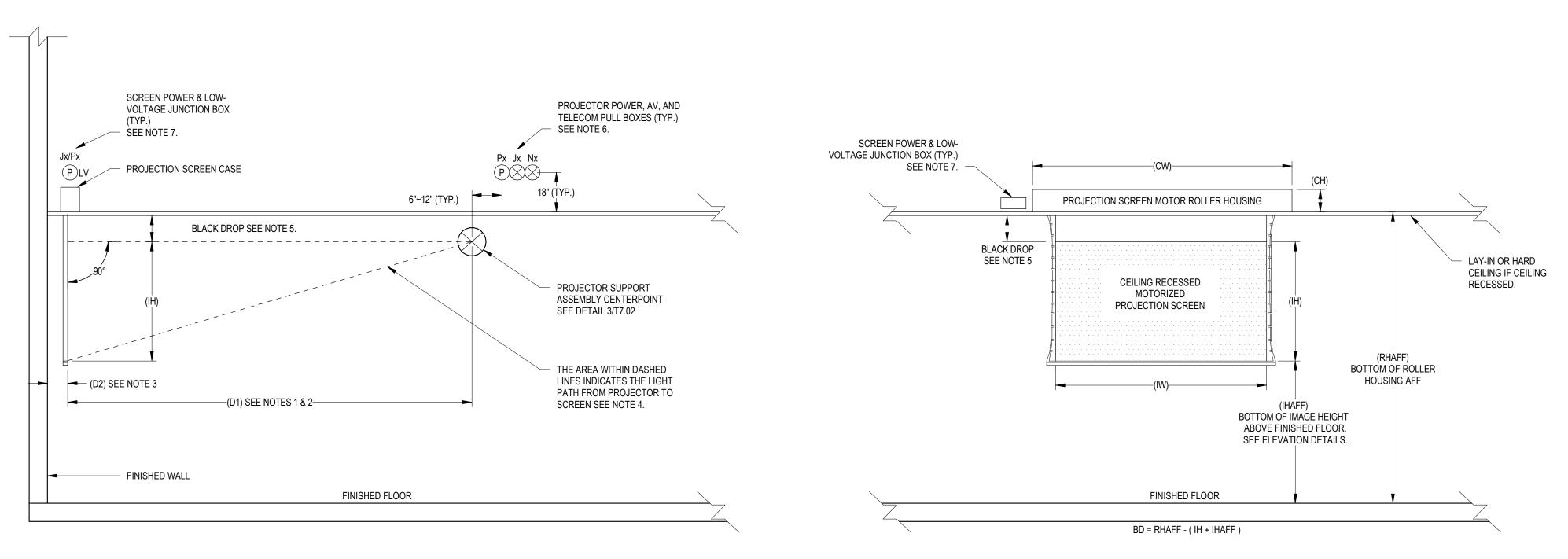
ROO	ROOM DISPLAY SCHEDULE							
	ALL DIMENSIONS IN INCHES							
ROOM NUMBER	DISPLAY QTY.	DISPLAY TYPE	MOUNTING STYLE	ELEV AFF O.C.				
2087	1	8	а	54"				
2090	1	9	а	72"				
2092	1	9	а	60"				
2094	1	9	а	60"				
2096	1	9	а	60"				
2101	1	5	а	54"				
2101	1	9	а	72"				
2104	1	5	а	54"				
2104	1	10	а	72"				
2105	1	5	а	54"				
2105	1	9	а	72"				
2108	1	5	а	54"				
2108	1	10	а	72"				
2110	1	5	а	54"				
2110	1	9	а	72"				
2113	1	5	а	54"				
2113	1	9	а	72"				
2114	2	5	а	54"				
2114	1	9	а	72"				
2116	1	5	а	54"				
2116	1	9	а	60"				
2117	1	5	а	54"				
2117	1	9	а	72"				
2119	1	5	а	54"				
2119	1	9	а	72"				
2123	1	5	а	54"				
2123	1	9	а	72"				
2130	20	8	а	78"				
2130	8	10	а	100"				
3036	1	10	а	66"				
3038	3	10	а	84"				

ROO	M DISF
	ALL DIME
ROOM NUMBER	DISPLAY QTY.
3040	1
3043	1
4001	3
4107	1
4131	1
4208	1
4332	1
4336	1
4353	1
4432	1
5002	1
5008	1
5134	1
5234	1
6002	1
6008	1
6102	1
6133	1
6202	1
6233	1
7002	1
7008	1
7132	1
7155	1
7233	1
7255	1
8002	1
8008	1
8133	1
8156	1
8233	1

FLAT PANEL DISPLAY MOUNTING STYLE DETAILS

REFER TO THE PROJECTOR & DISPLAY MOUNTING STYLE LEGEND FOR MORE INFORMATION.

# **CEILING MOUNTED VIDEO PROJECTION SCREEN & PROJECTION LAYOUT (TYP.) - SECTION**



4. THE PROJECTOR MUST ALWAYS HAVE A CLEAR VIEW OF THE ENTIRE SCREEN IMAGE AREA WITHOUT OBSTRUCTIONS.

1. [D1]: <u>III CRITICAL DISTANCE III</u> - D1 IS THE DISTANCE FROM THE PROJECTION SCREEN SURFACE TO THE CENTER OF THE PROJECTOR CEILING MOUNT ASSEMBLY. IF DISTANCE (D2) MUST BE INCREASED FOR ANY REASON, DISTANCE (D1) MUST BE MAINTAINED. 2. [D1x]: IS THE ALLOWABLE +/- VARIANCE IN DISTANCE OF [D1] TO ACCOMMODATE STRUCTURAL OR OTHER OBSTRUCTIONS. EXAMPLE: IF D1 = 300" AND D1x = 10" THEN THE CENTER OF THE PROJECTOR CEILING MOUNT MAY BE LOCATED BETWEEN 290" TO 310" ON SCREEN CENTERLINE FROM THE PROJECTION SCREEN SURFACE. 3. [D2]: IS THE MINIMUM DISTANCE FROM THE PROJECTION WALL TO THE PROJECTION SCREEN SURFACE. IF DISTANCE D2 MUST BE INCREASED TO ACCOMMODATE STRUCTURAL OR OTHER OBSTRUCTIONS TO A DISTANCE GREATER THAN D2 + D2x CONTACT THE CONSULTANT FOR FURTHER INSTRUCTIONS. BOTTOM OF IMAGE HEIGHT ABOVE FINISHED FLOOR ELEVATION, SHOULD NEVER EXCEED MORE THAN ONE WRAP. IN CASES WHERE CEILING HEIGHT VARIES IN THE FIELD FROM THE DRAWINGS, THE SPECIFIED IMAGE HEIGHT ABOVE FINISHED FLOOR RULES. 6. PROJECTOR POWER, AV, & TELECOM PULL BOX LOCATIONS RELATIVE TO THE PROJECTOR SUPPORT MAY VARY BY SUPPORT & CEILING TYPE. VERIFY BEFORE INSTALLATION. 7. PROJECTION SCREEN POWER AND LOW VOLTAGE JUNCTION BOX (TYPICAL). LOCATE ON THE SAME SIDE OF THE SCREEN AS SCREEN ELECTRICAL CONNECTIONS WHICH MAY VARY BY SCREEN TYPE. VERIFY LOCATION PRIOR TO INSTALLATION.

FOR AV CONTRACTOR REFERENCE ONLY

## **PROJECTOR & DISPLAY MOUNTING** STYLE LEGEND

MOUNTING STYLE	INSTALLATION	REFERENCE DETAIL
1	CEILING MOUNTED PROJECTOR	3/T7.02
2	CEILING MOUNTED PROJECTOR LIFT	-
а	WALL MOUNTED DISPLAY	1,2,3,4,5,6/T7.03
b	CEILING MOUNTED DISPLAY	-



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PLAY SCHEDULE ENSIONS IN INCHES MOUNTING DISPLAY TYP STYLE ELEV AFF O. 66" 66" 60" 66" 60" 66" а 60" 66" 60"

# CEILING MOUNTED VIDEO PROJECTION SCREEN (TYP.) (AUDIENCE VIEW)

5. [BLACK DROP]: THE AMOUNT OF BLACK DROP LISTED IN THE ROOM PROJECTION SCREEN SCHEDULE IS A DESIGN ESTIMATE. BLACK DROP REQUIREMENTS SHALL BE FIELD VERIFIED PER SCREEN INSTANCE PRIOR TO ISSUING SUBMITTALS. THE AMOUNT OF BLACK DROP (BD) REQUIRED IS DETERMINED BY ADDING THE ELEVATION OF THE IMAGE HEIGHT ABOVE FINISHED FLOOR (IHAFF) TO THE IMAGE HEIGHT (IH) AND SUBTRACTING THAT NUMBER FROM THE ELEVATION TO THE UNDERSIDE OF THE PROJECTION SCREEN ROLLER, WHEN THE SCREEN IS DEPLOYED TO ITS SPECIFIED



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PROJECT ISSUE DATE | 26 APR 2019

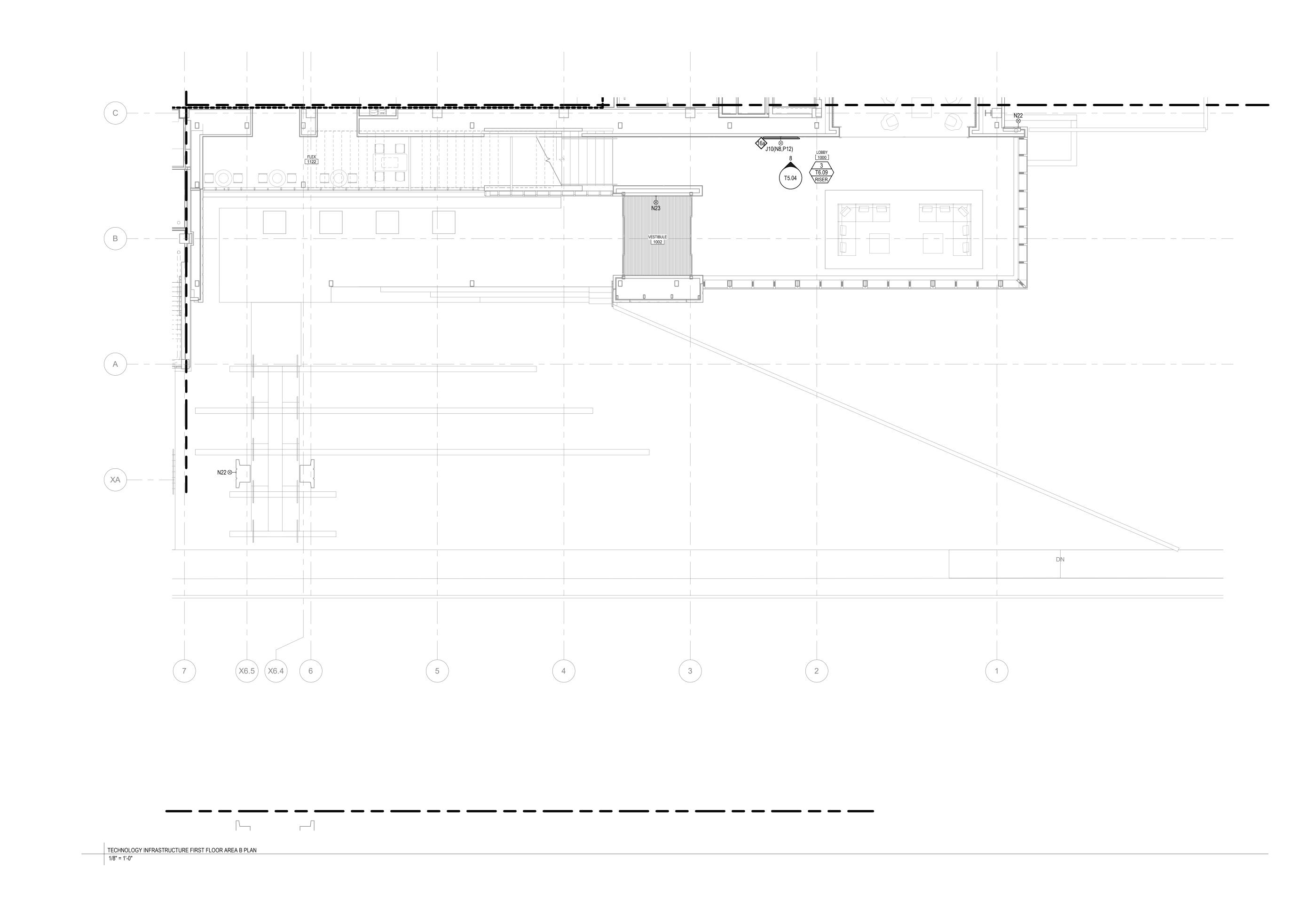
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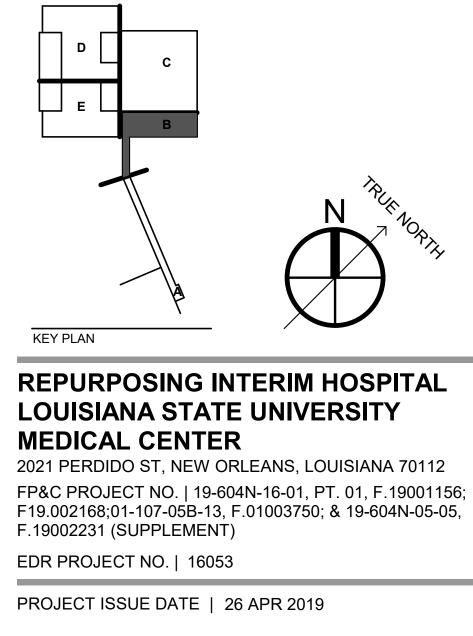
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## TECHNOLOGY INFRASTRUCTURE SCHEDULES AND NOTES









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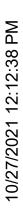
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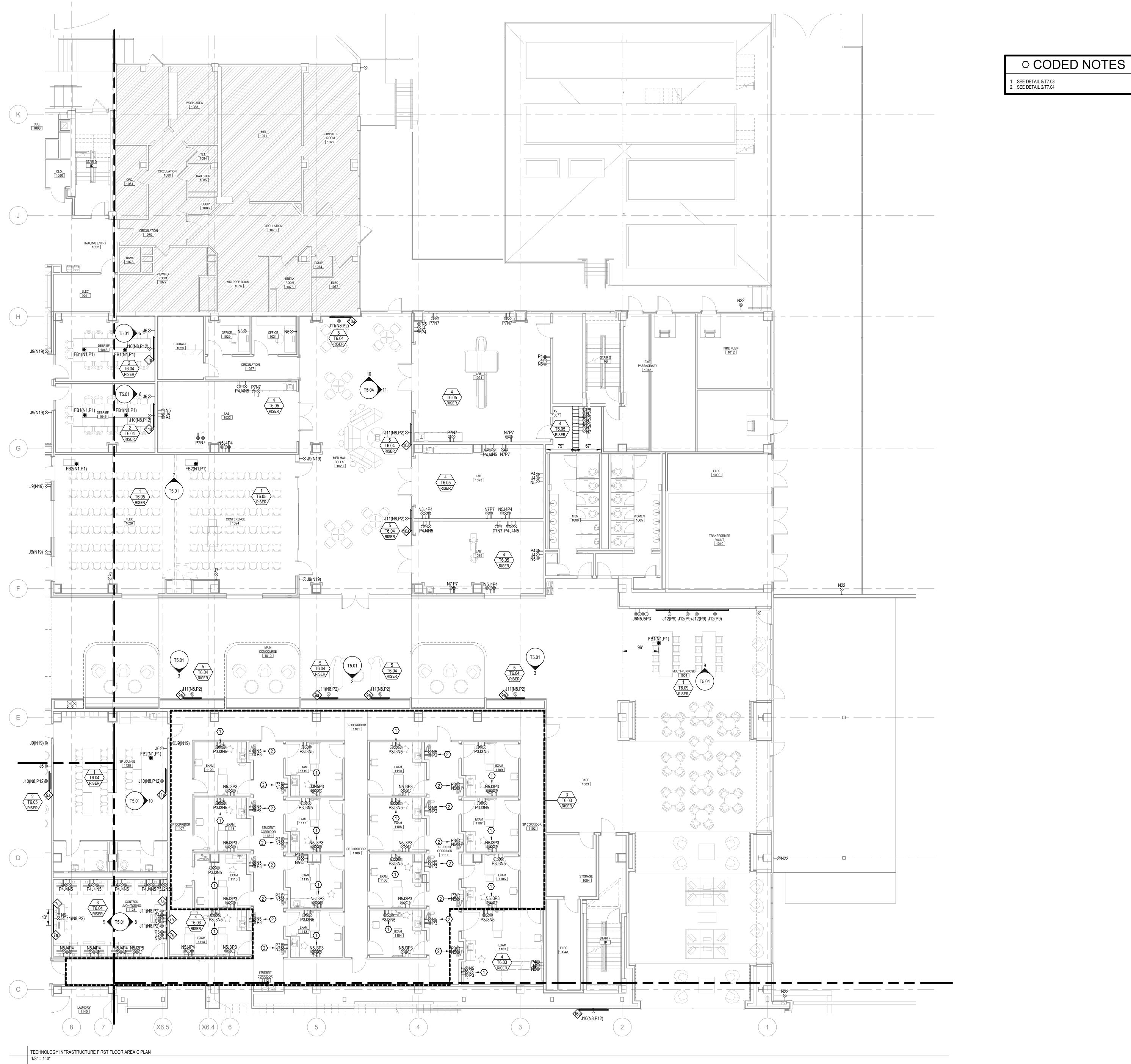
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KEY PLAN

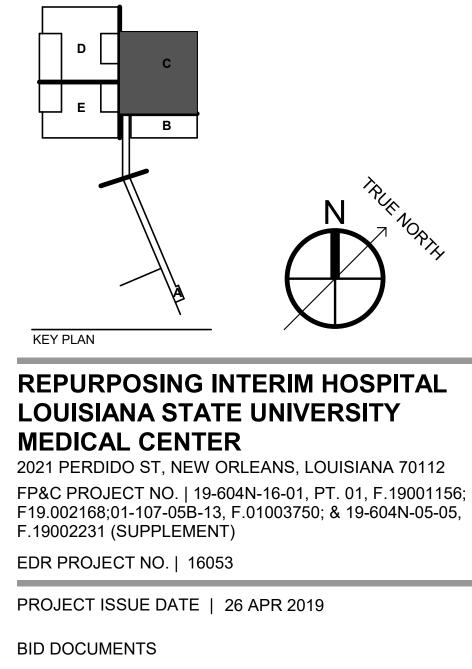
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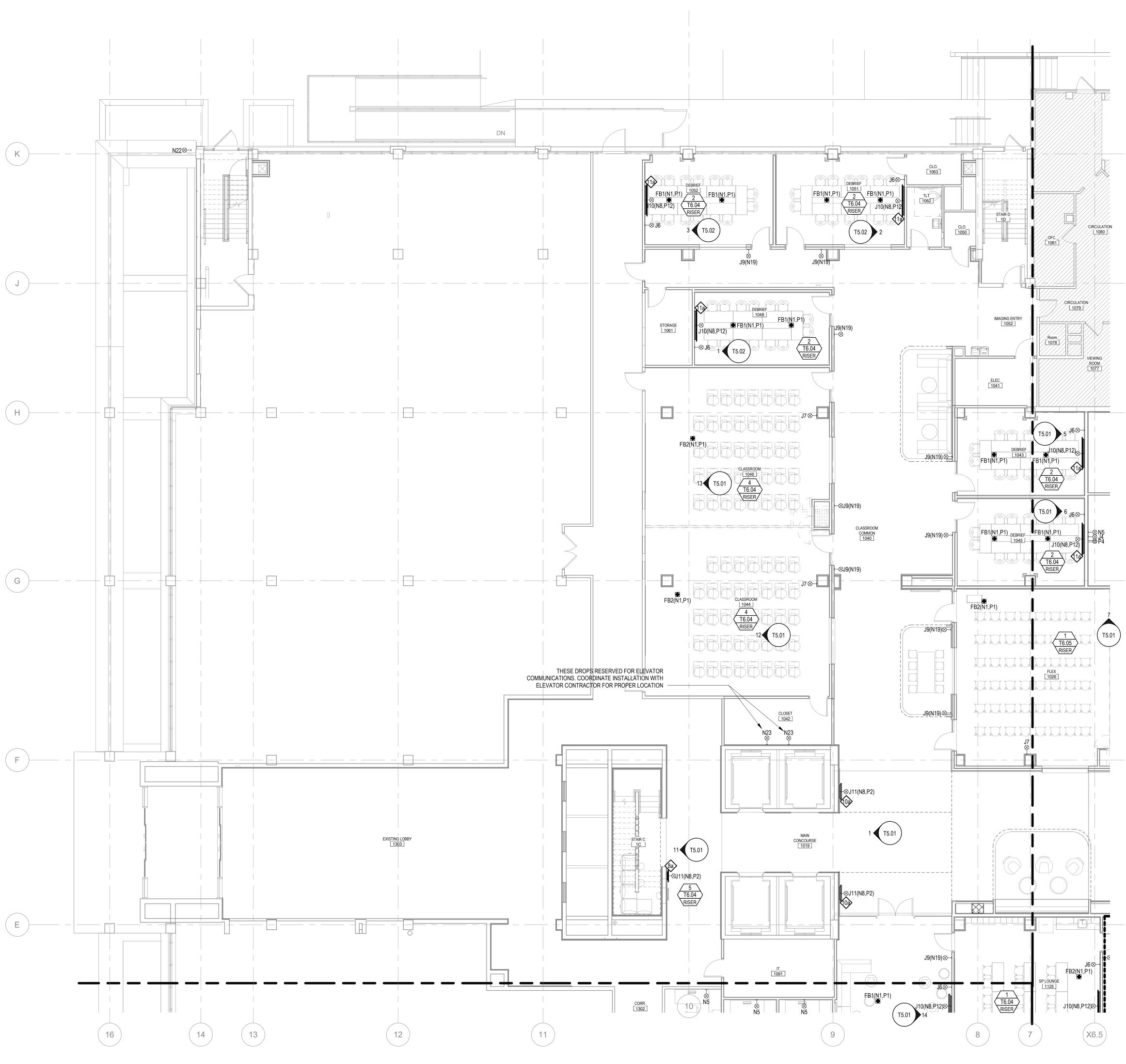


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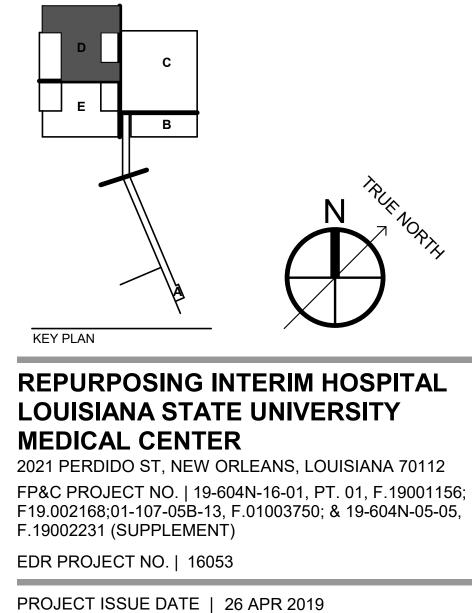
16 TECHNOLOGY INFRASTRUCTURE FIRST FLOOR AREA D PLAN 1/8" = 1'-0"



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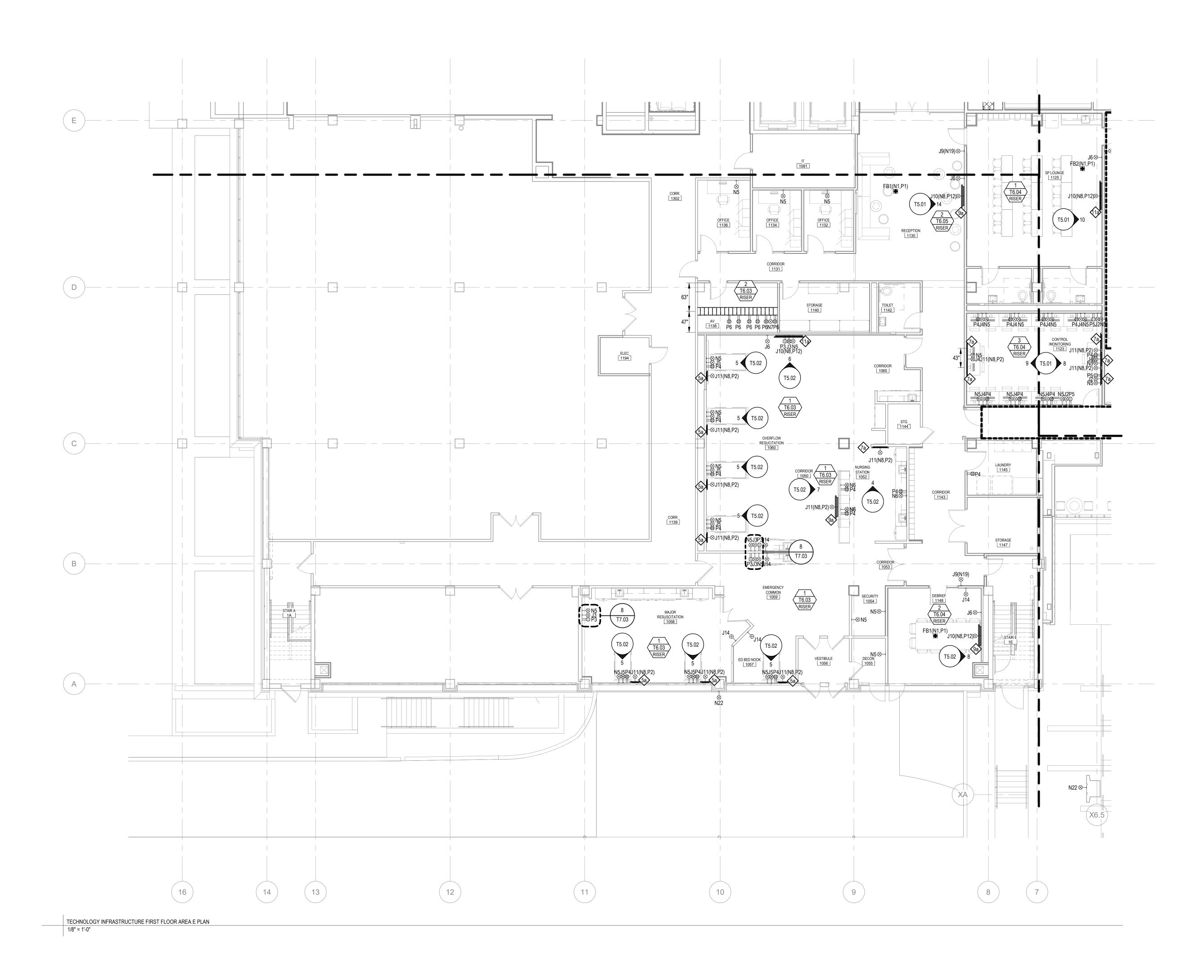


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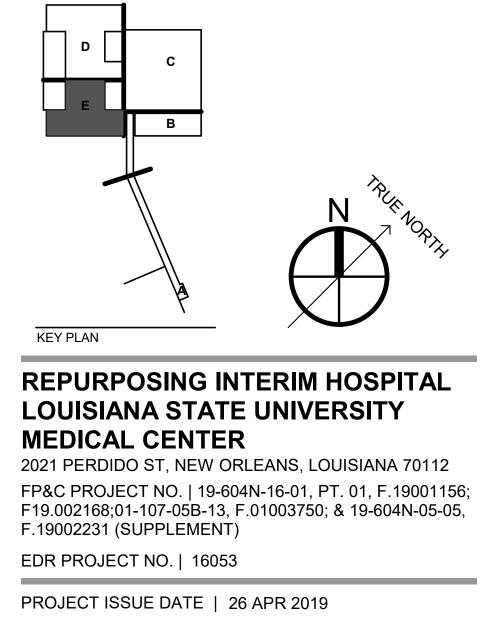
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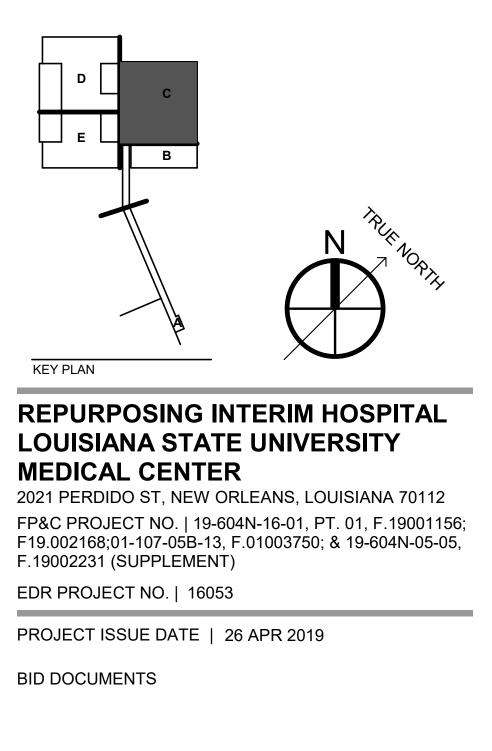


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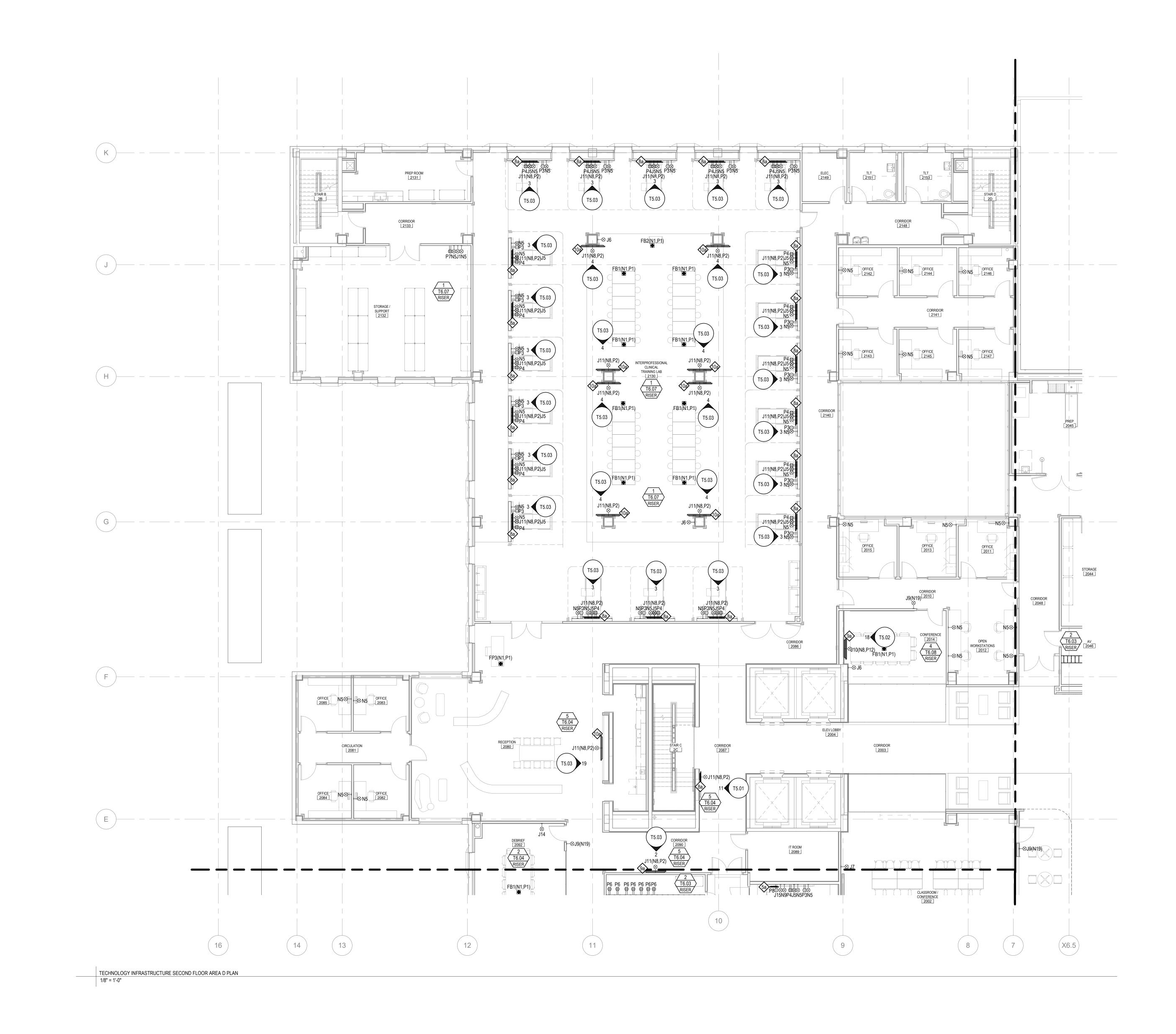
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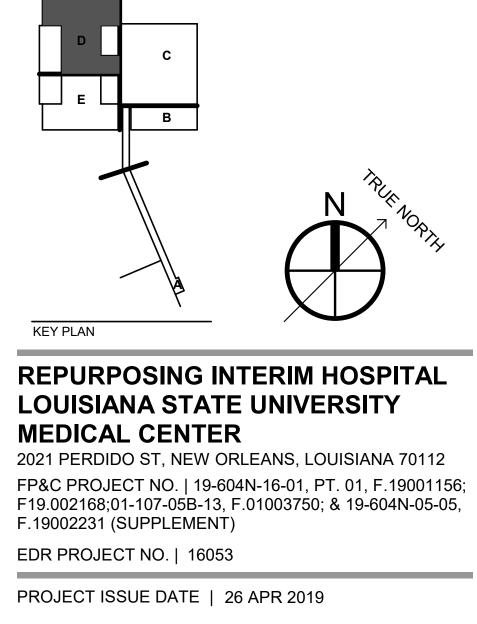












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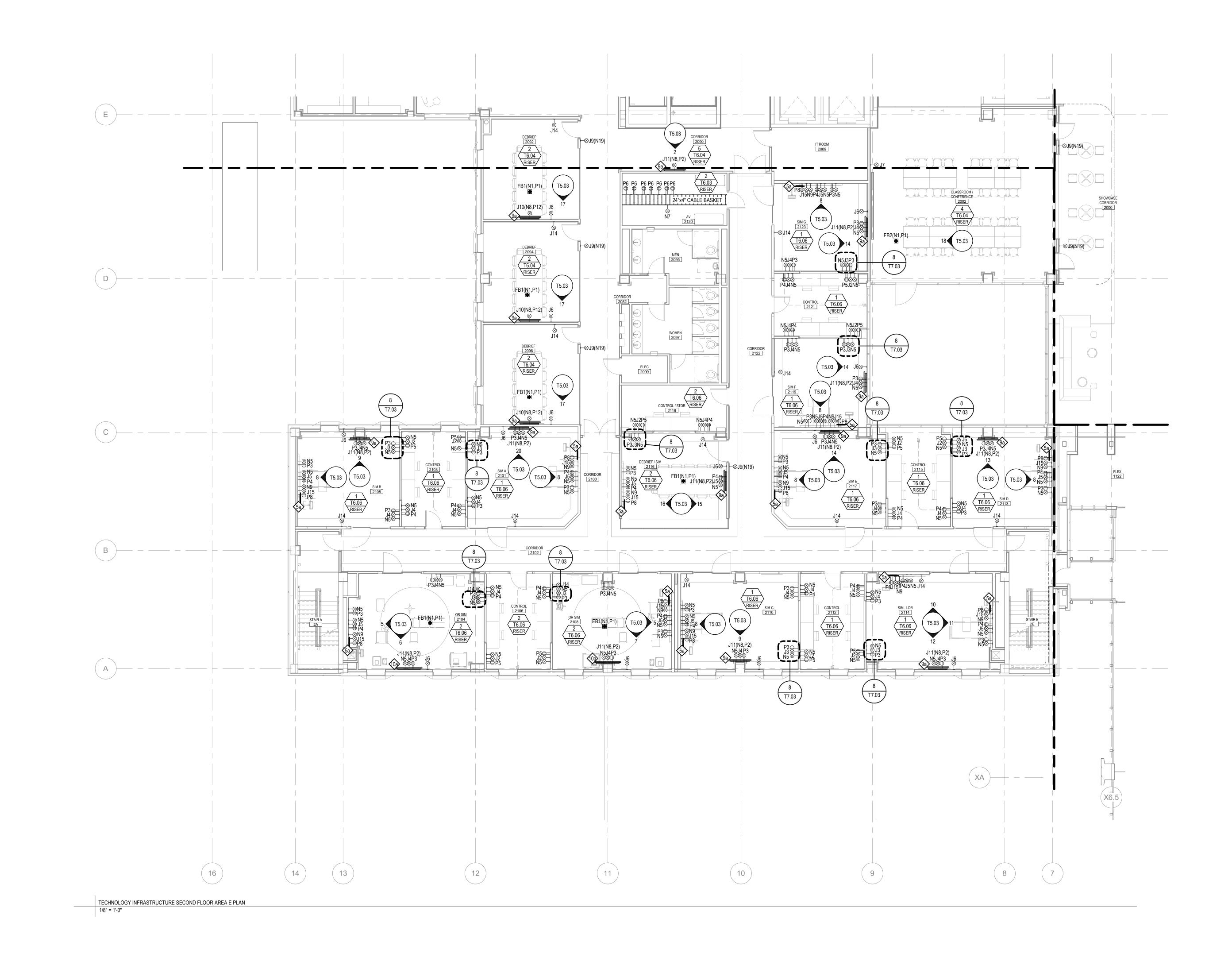
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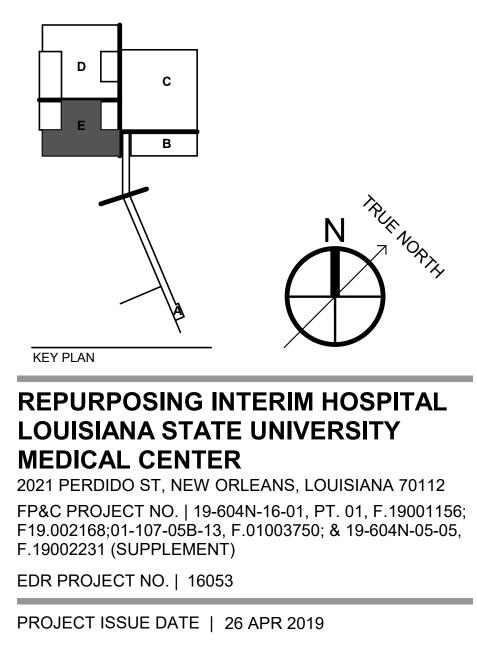
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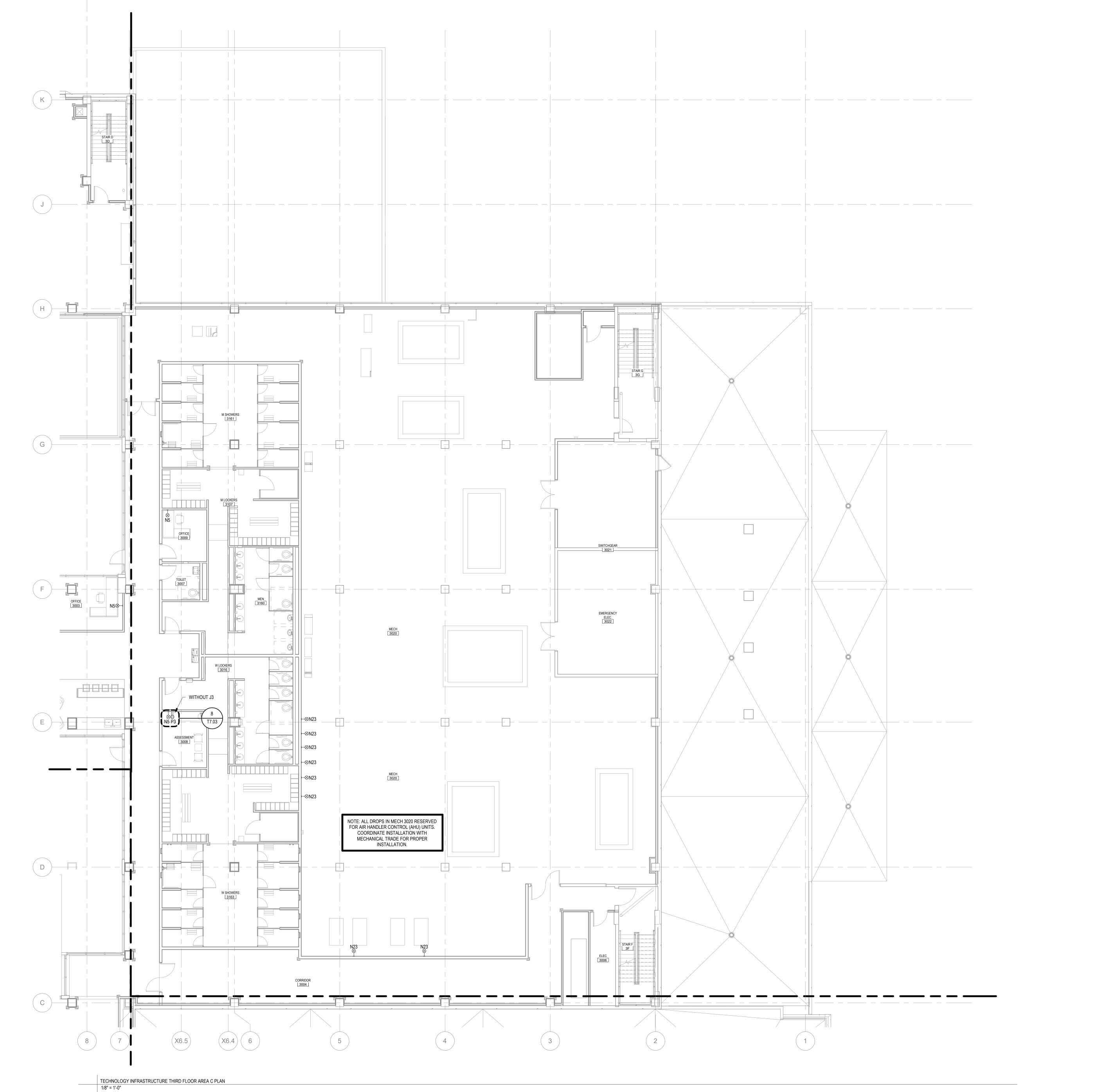


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KEY PLAN

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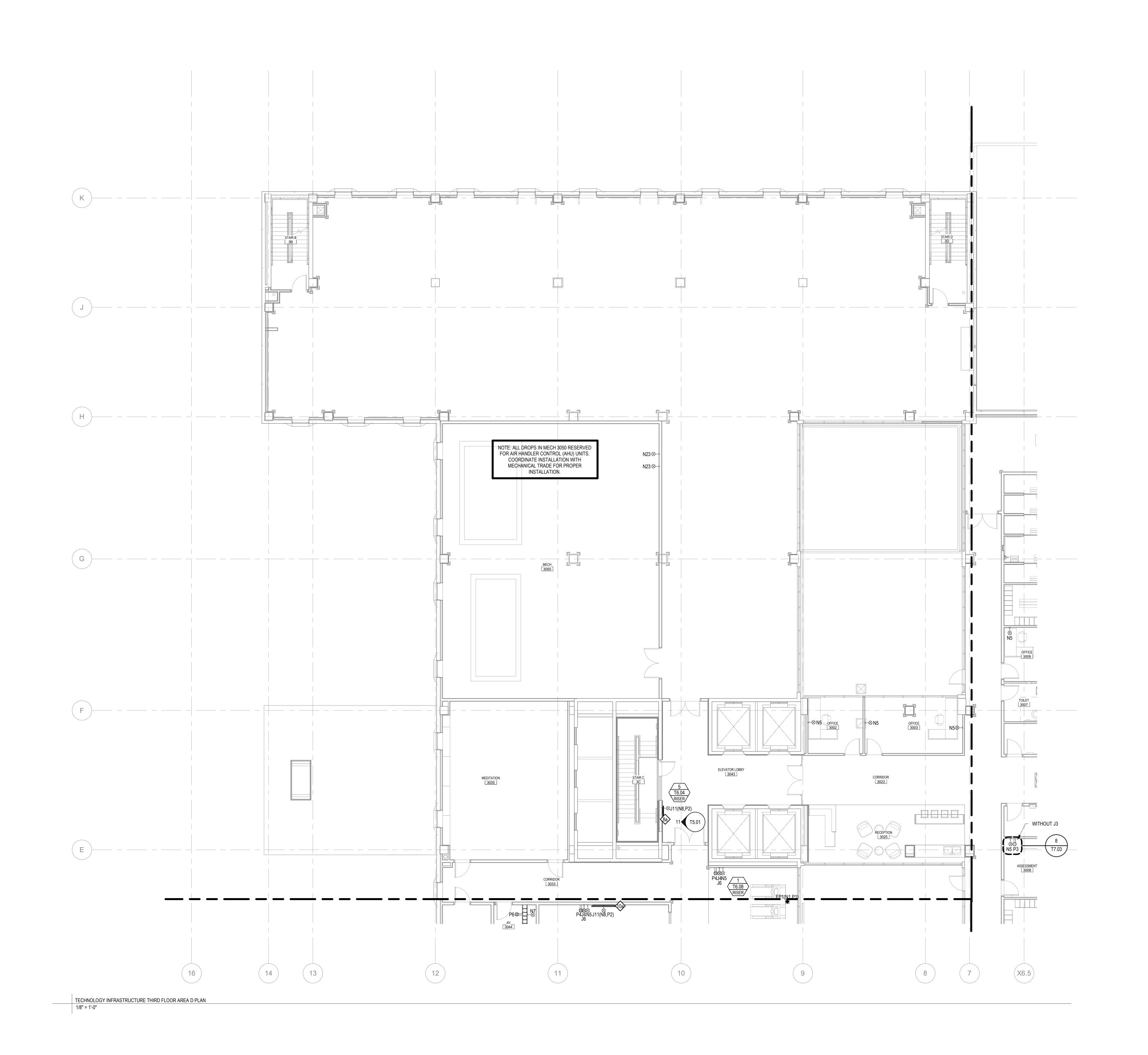
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## **THE SEXTANT GROUP, INC.** 700 WATERFRONT DRIVE SUITE 200 PITTSBURGH, PA 15222 412.323.8580



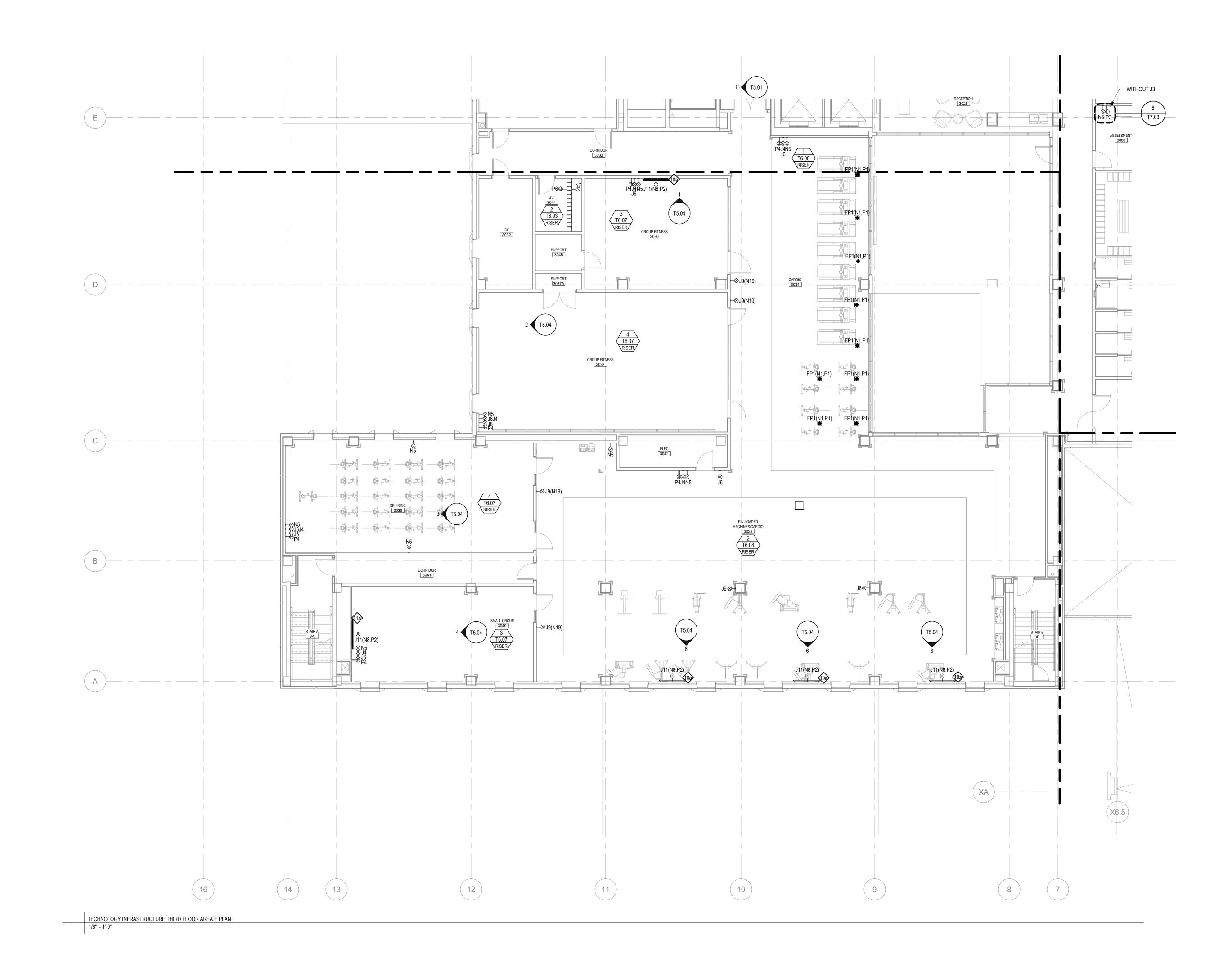
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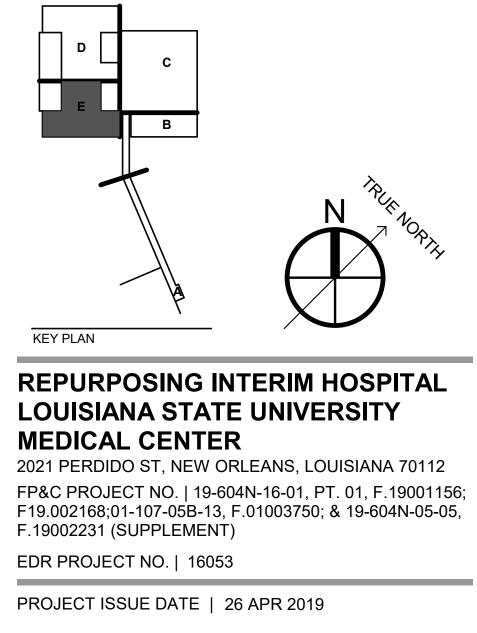
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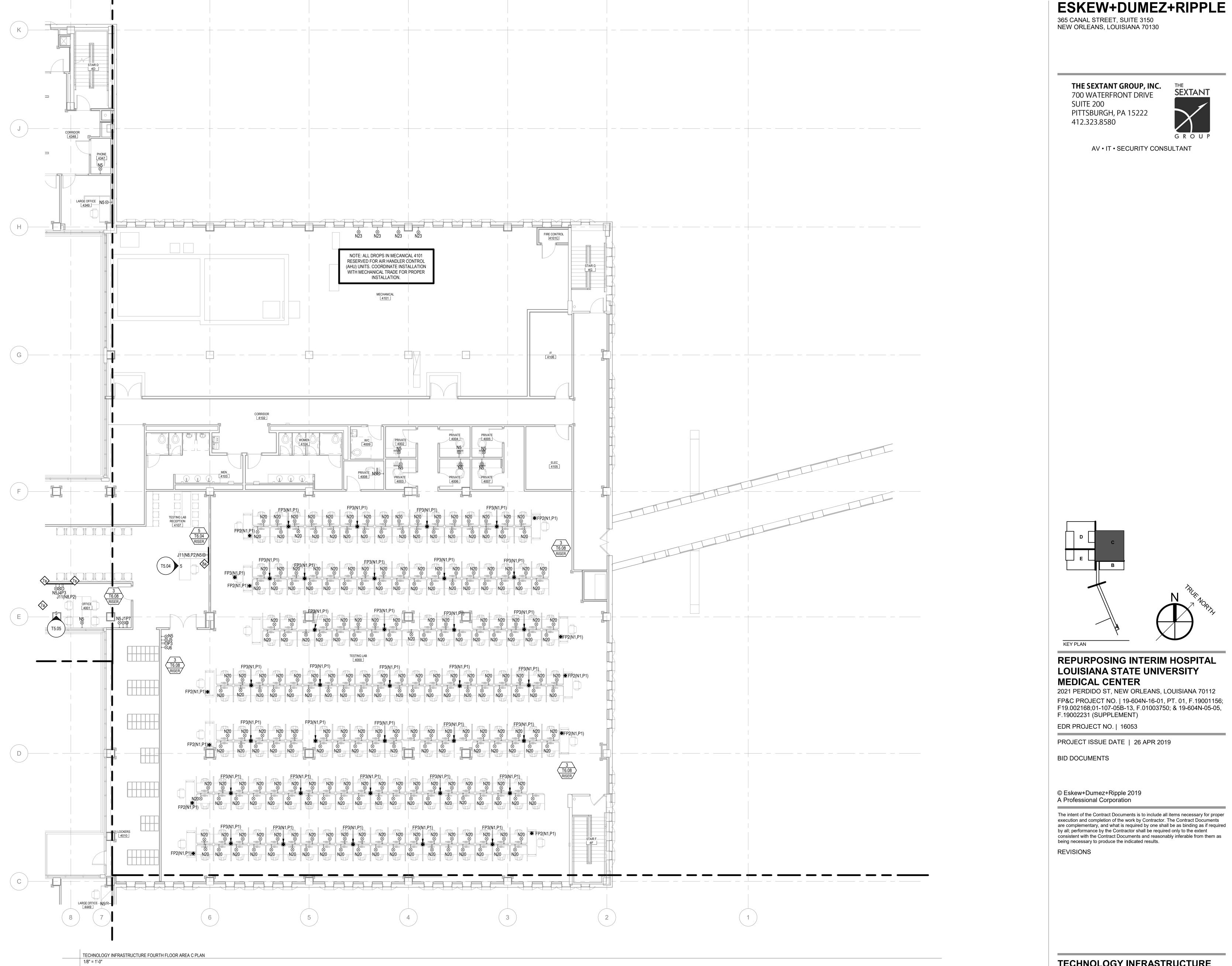
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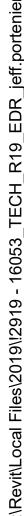
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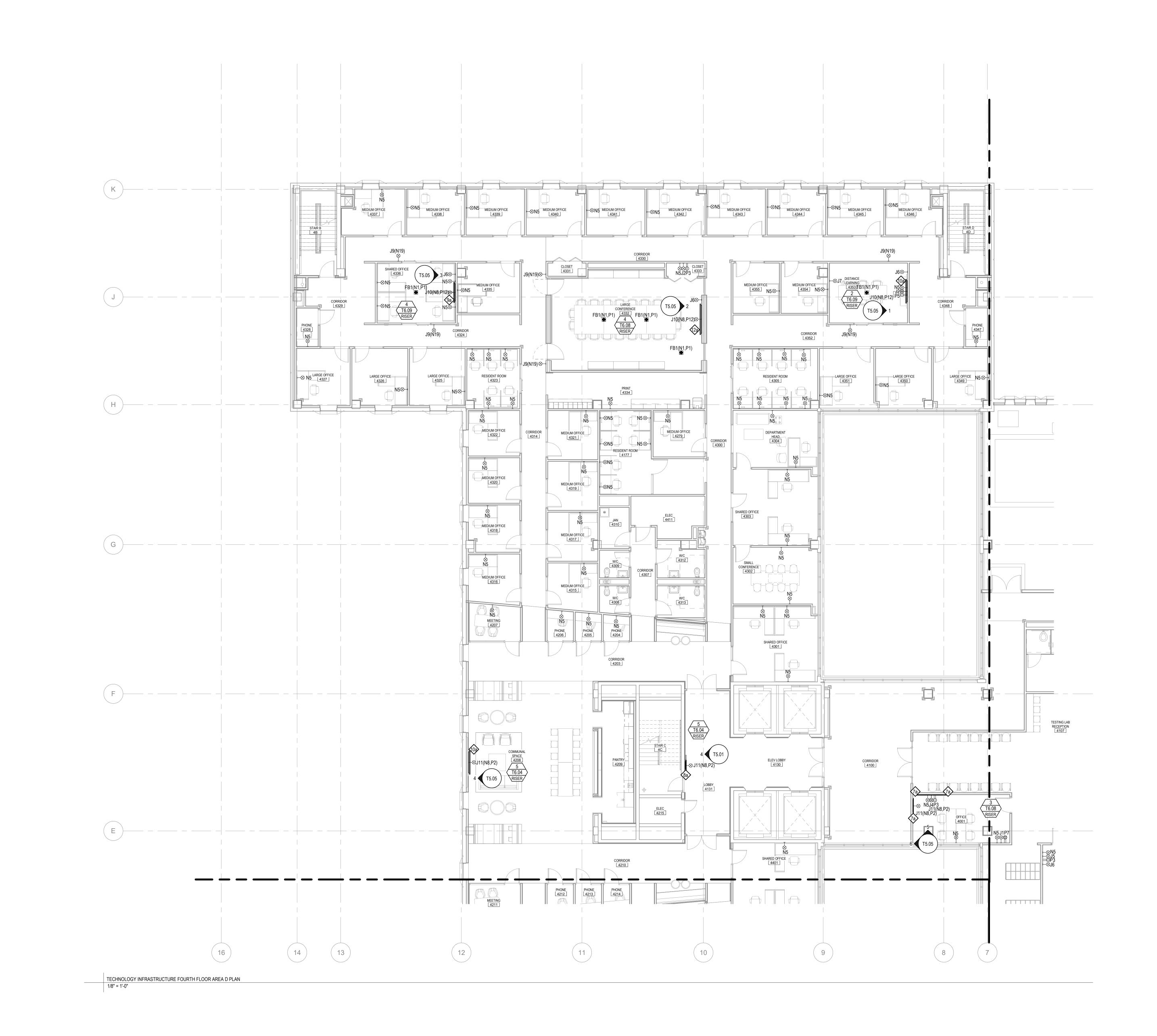


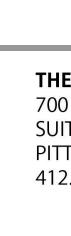


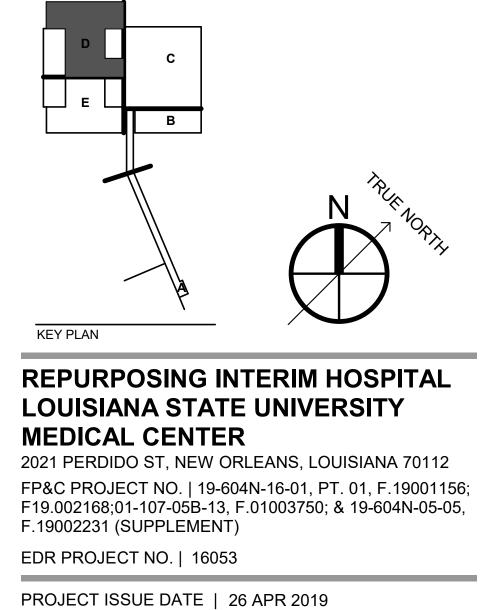












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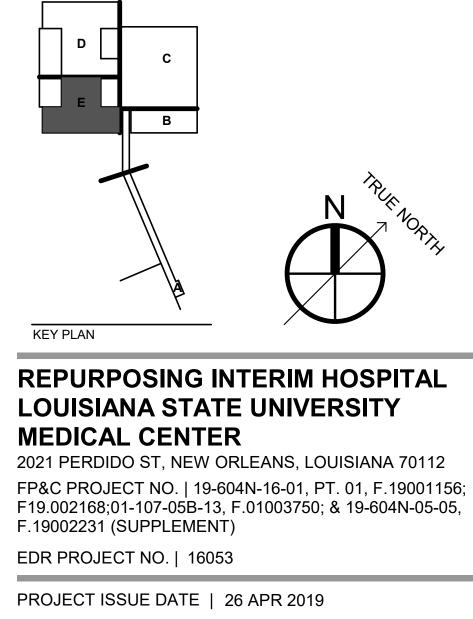
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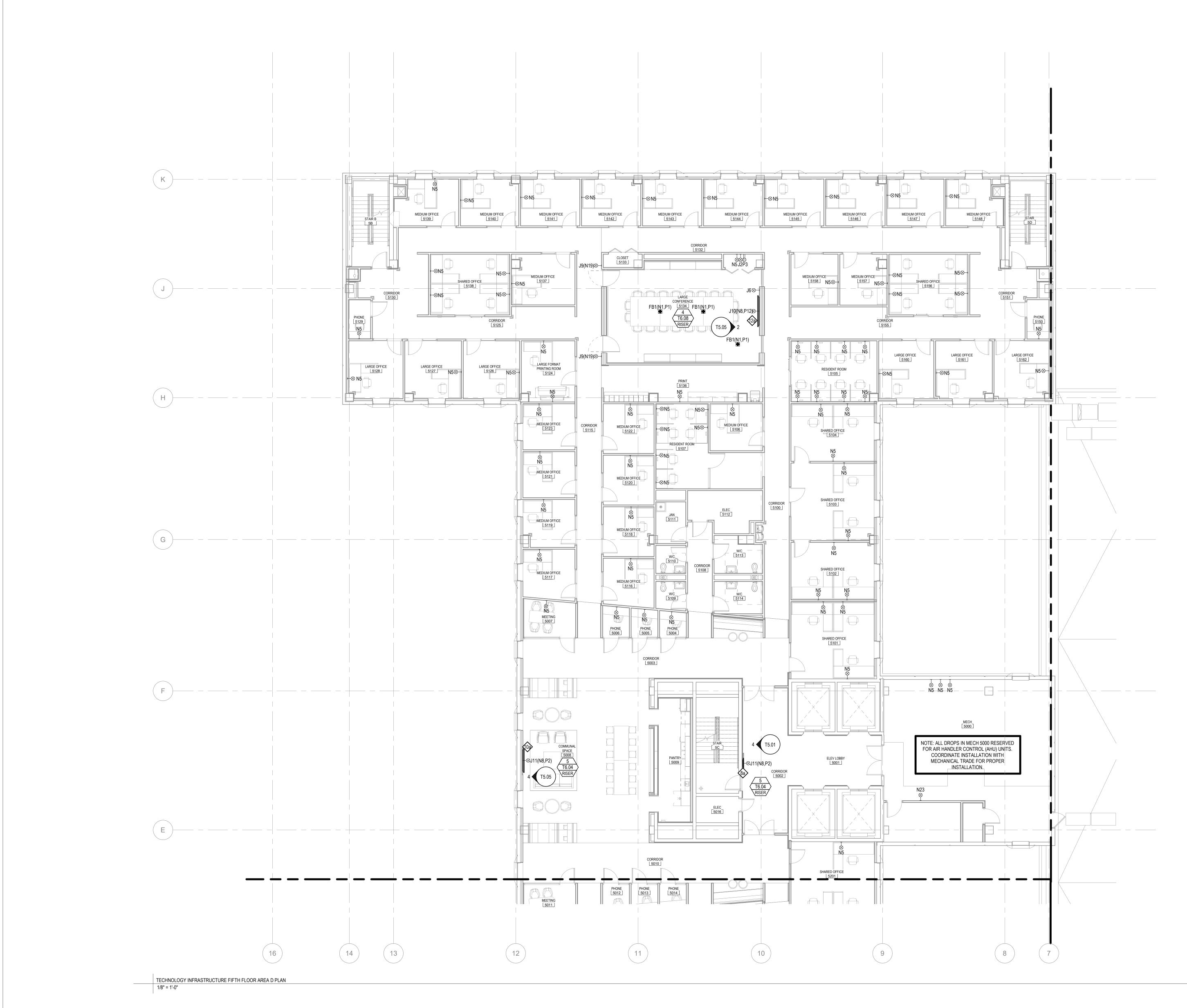
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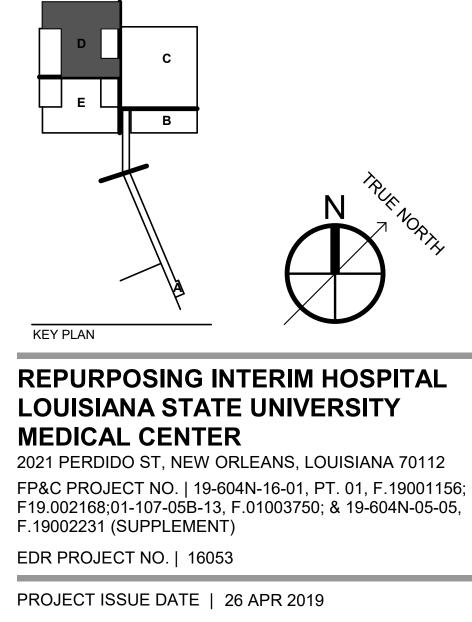
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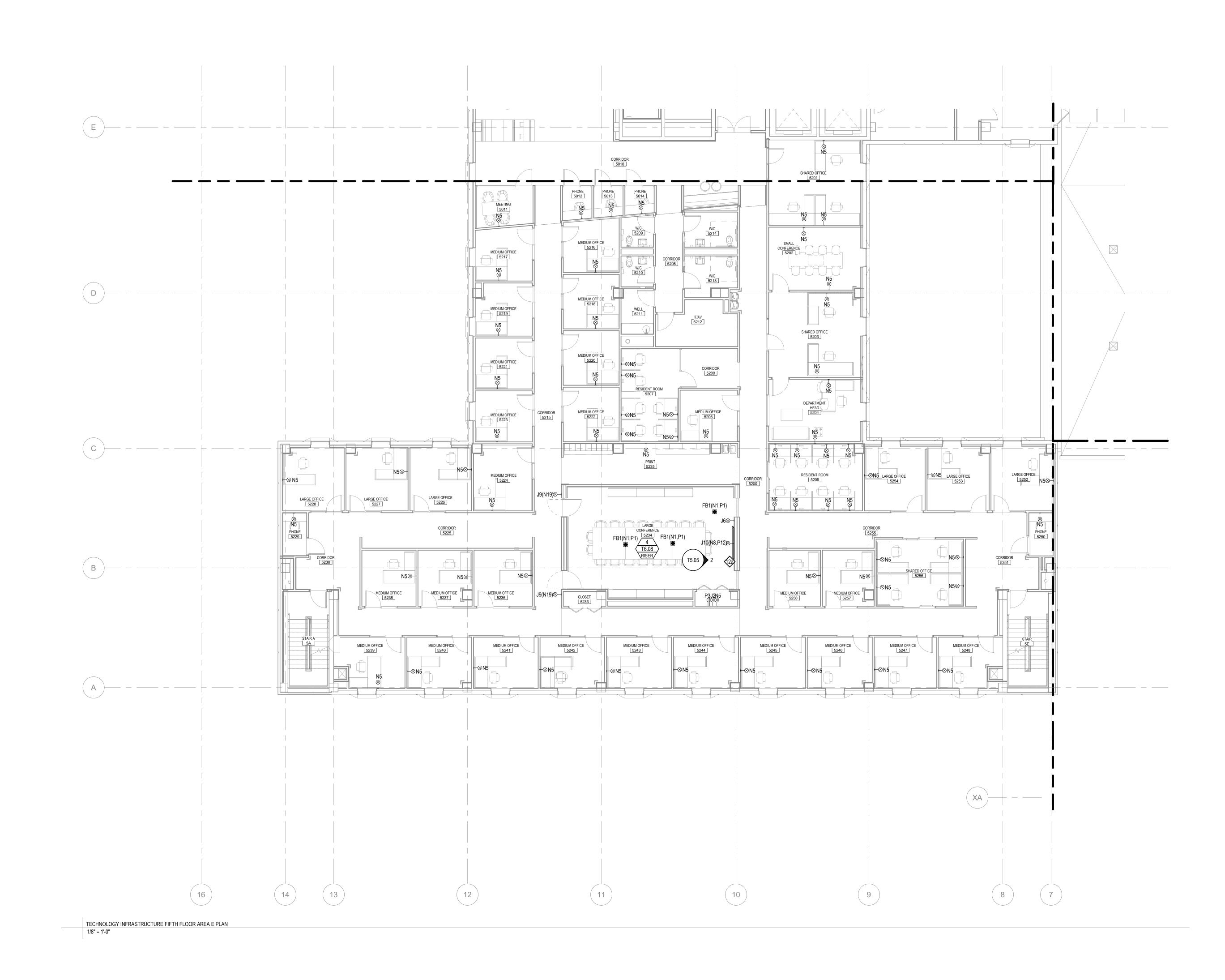
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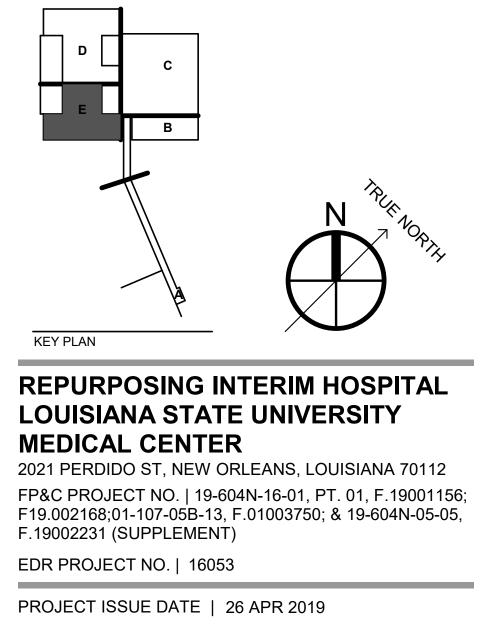




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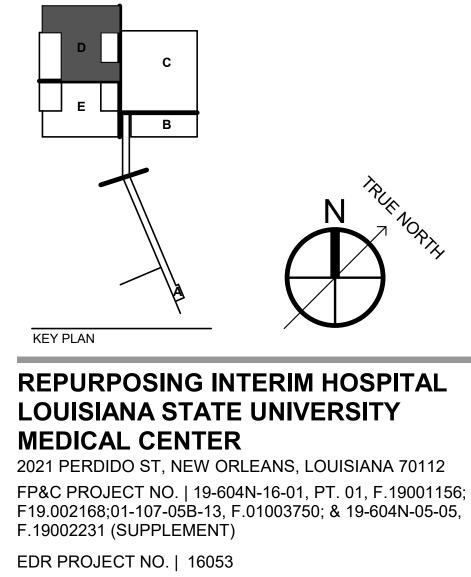












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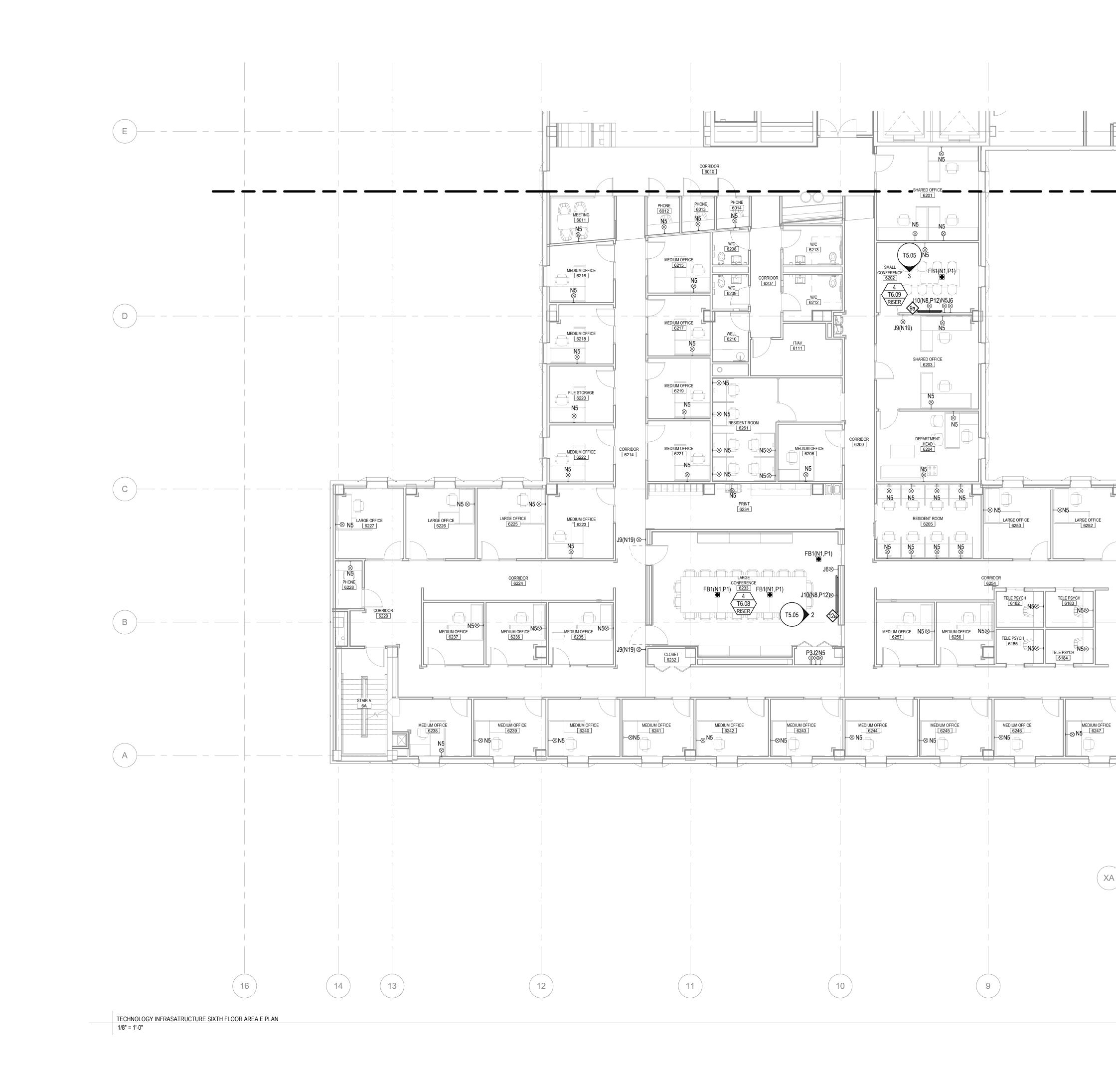
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PROJECT ISSUE DATE | 26 APR 2019

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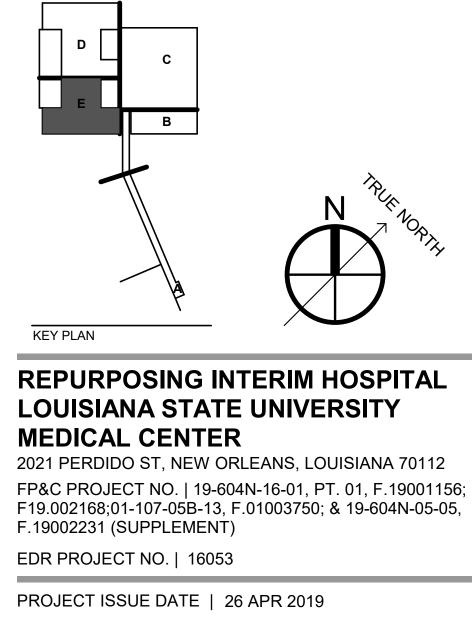
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PHONE 6249

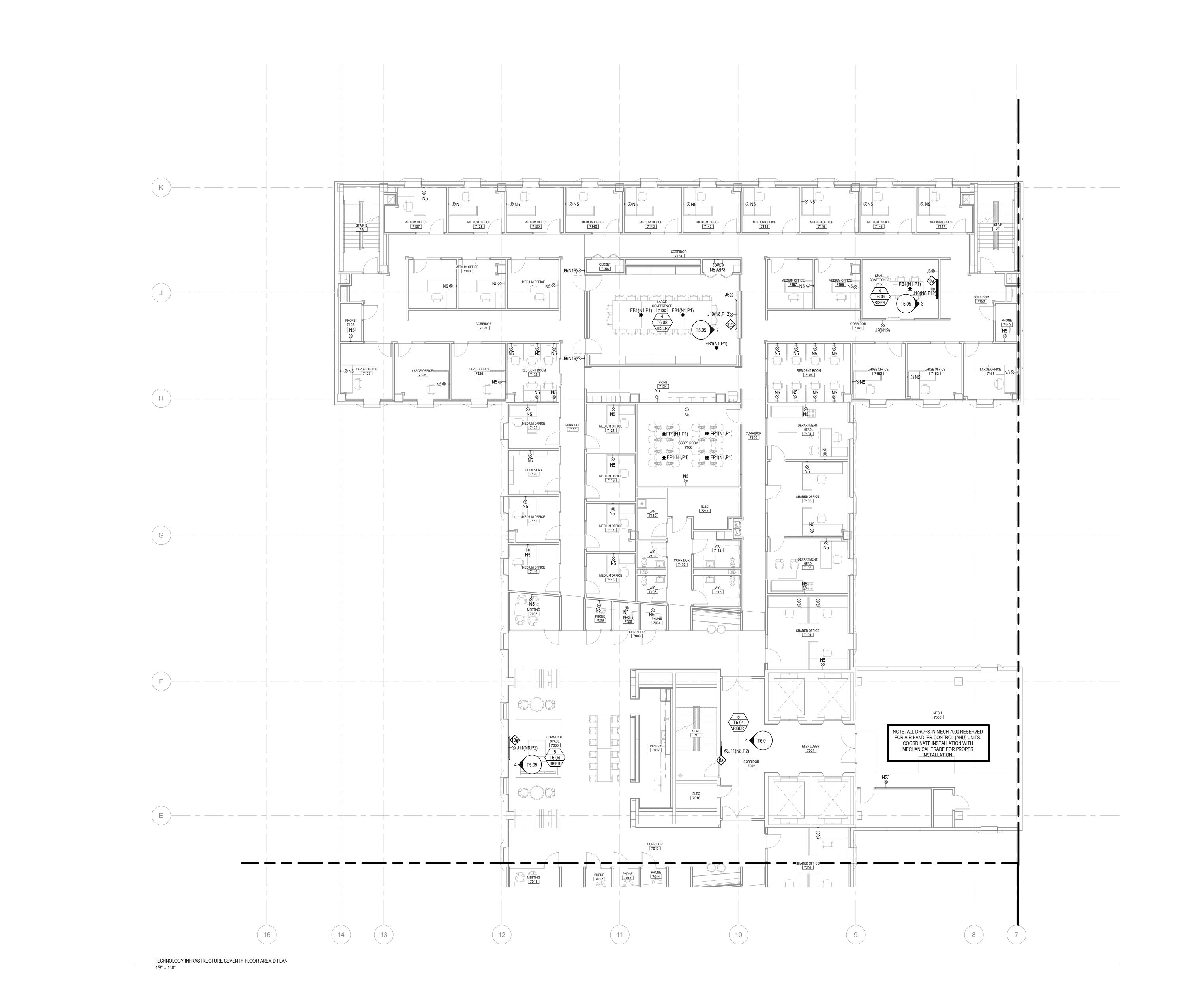


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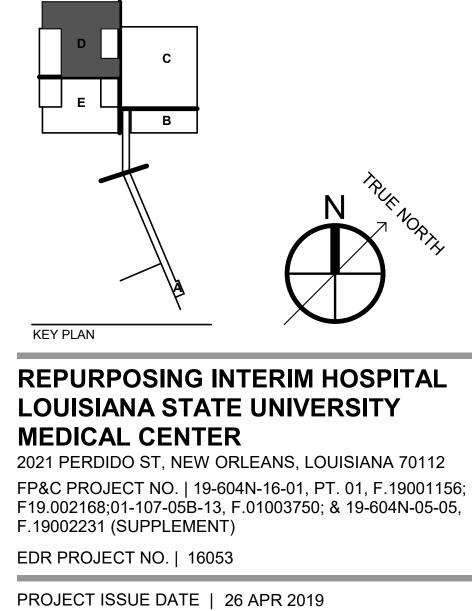


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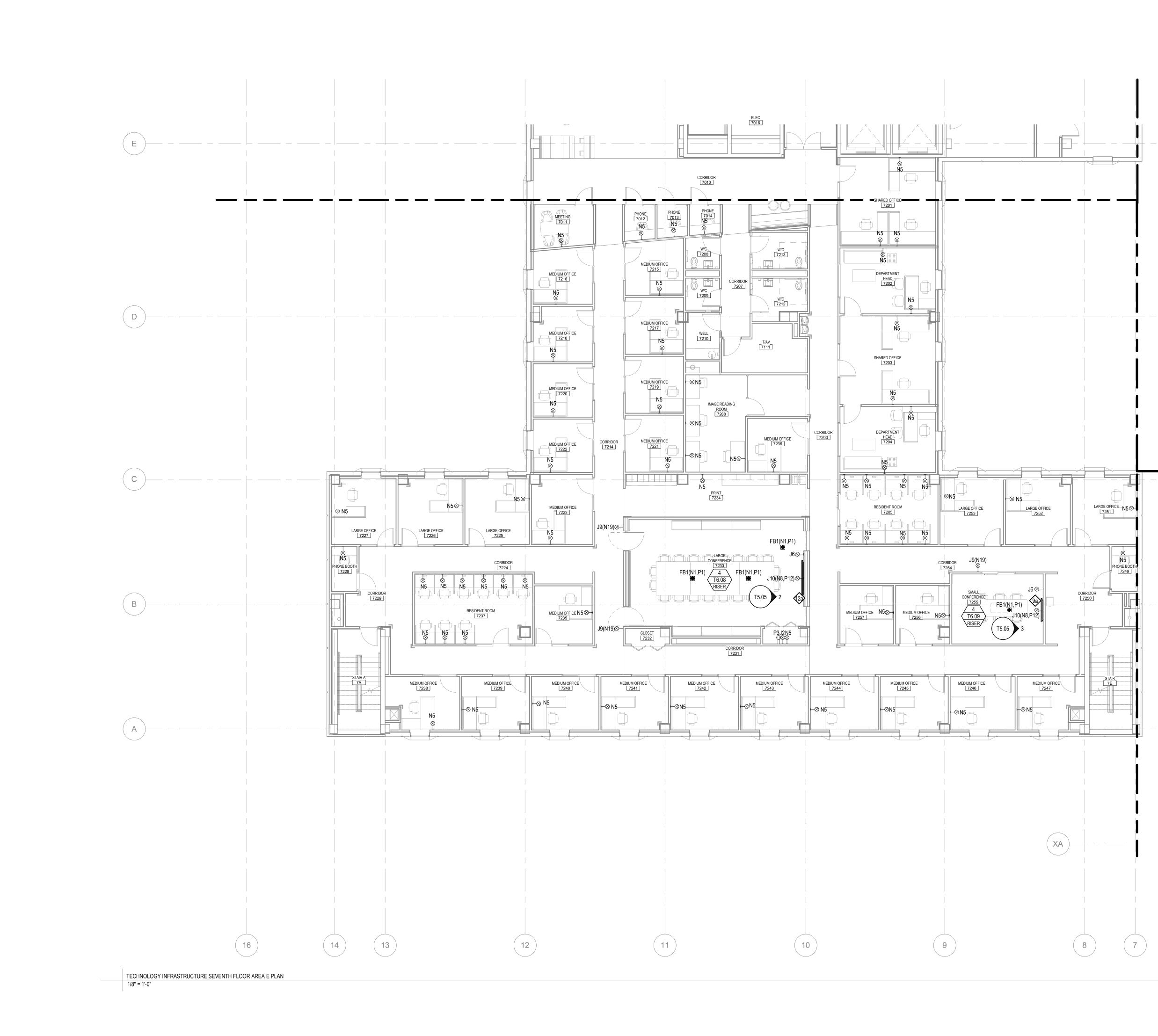
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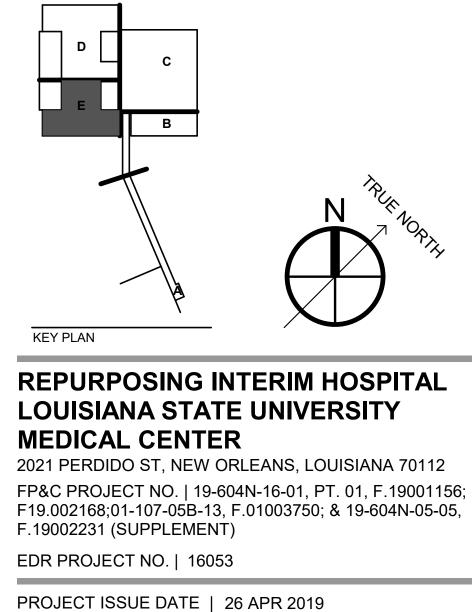
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## **TECHNOLOGY INFRASTRUCTURE** SEVENTH FLOOR AREA D PLAN







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LARGE OFFICE N5

PHONE BOOT

7249

7251

CORRIDOR

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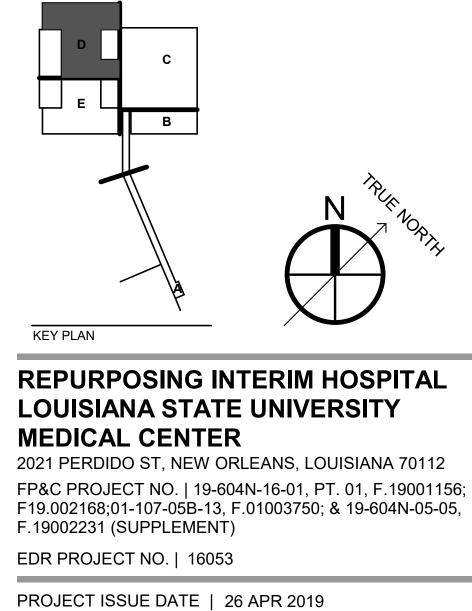
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## TECHNOLOGY INFRASTRUCTURE SEVENTH FLOOR AREA E PLAN









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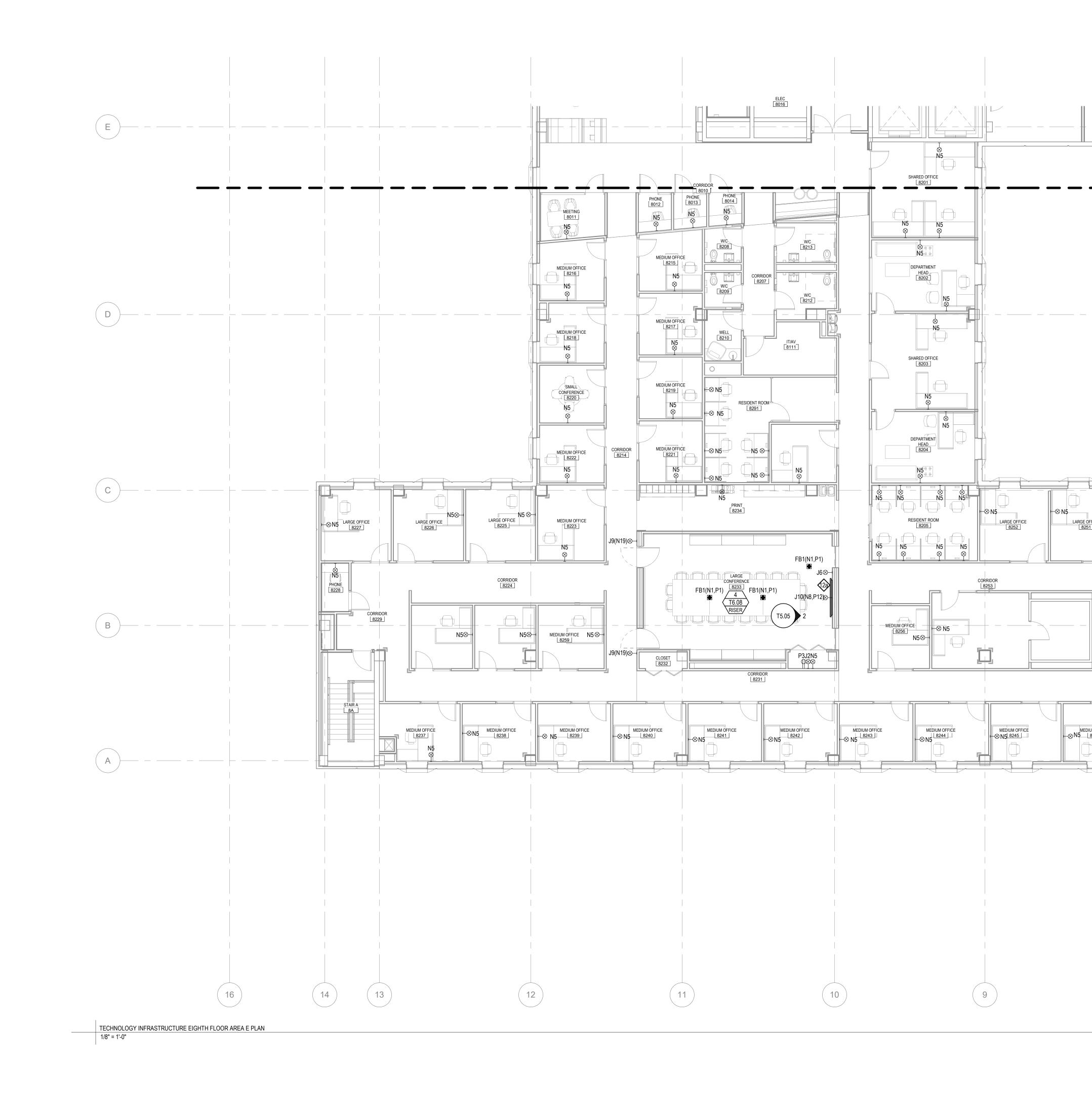


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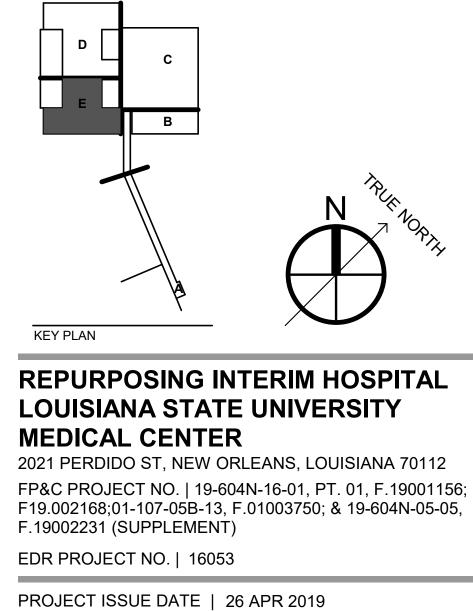
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CORRIDOR 8249

LARGE OFFICE 8251

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LARGE OFFICE

STAIR 8E

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PHONE [ 8248 ]

8250



## THE SEXTANT GROUP, INC. 700 WATERFRONT DRIVE SUITE 200 PITTSBURGH, PA 15222 412.323.8580

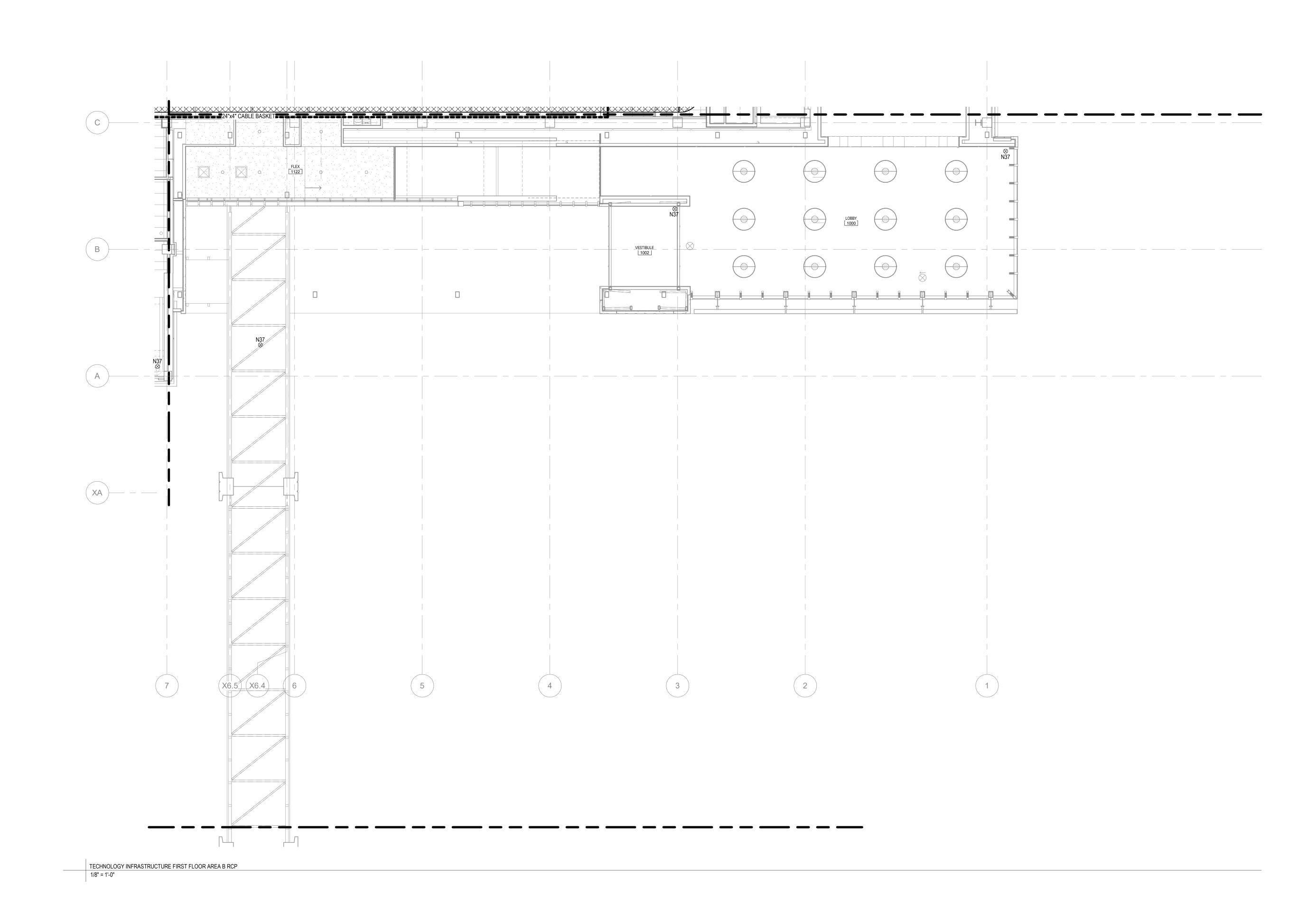


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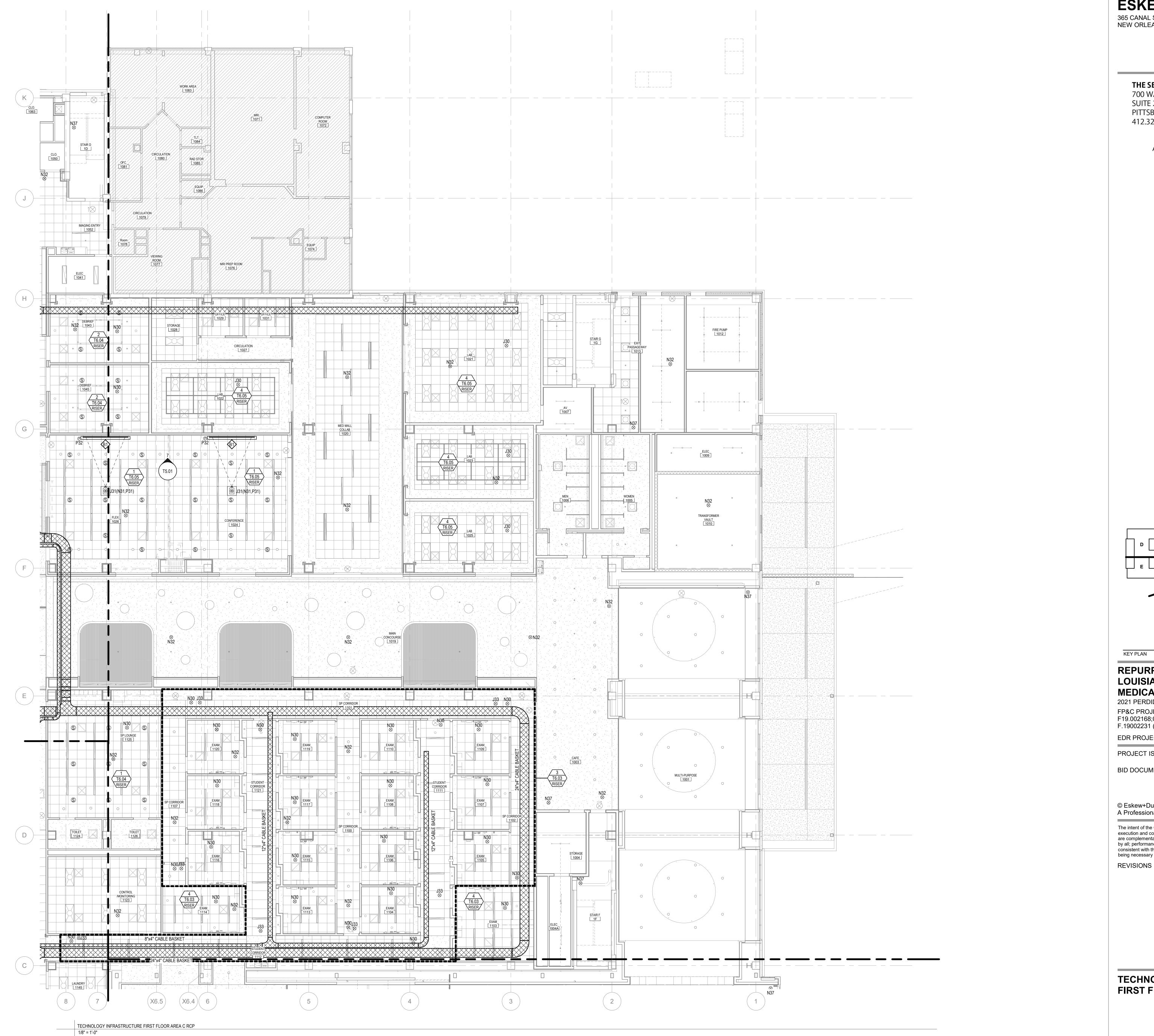
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**T2.12** 



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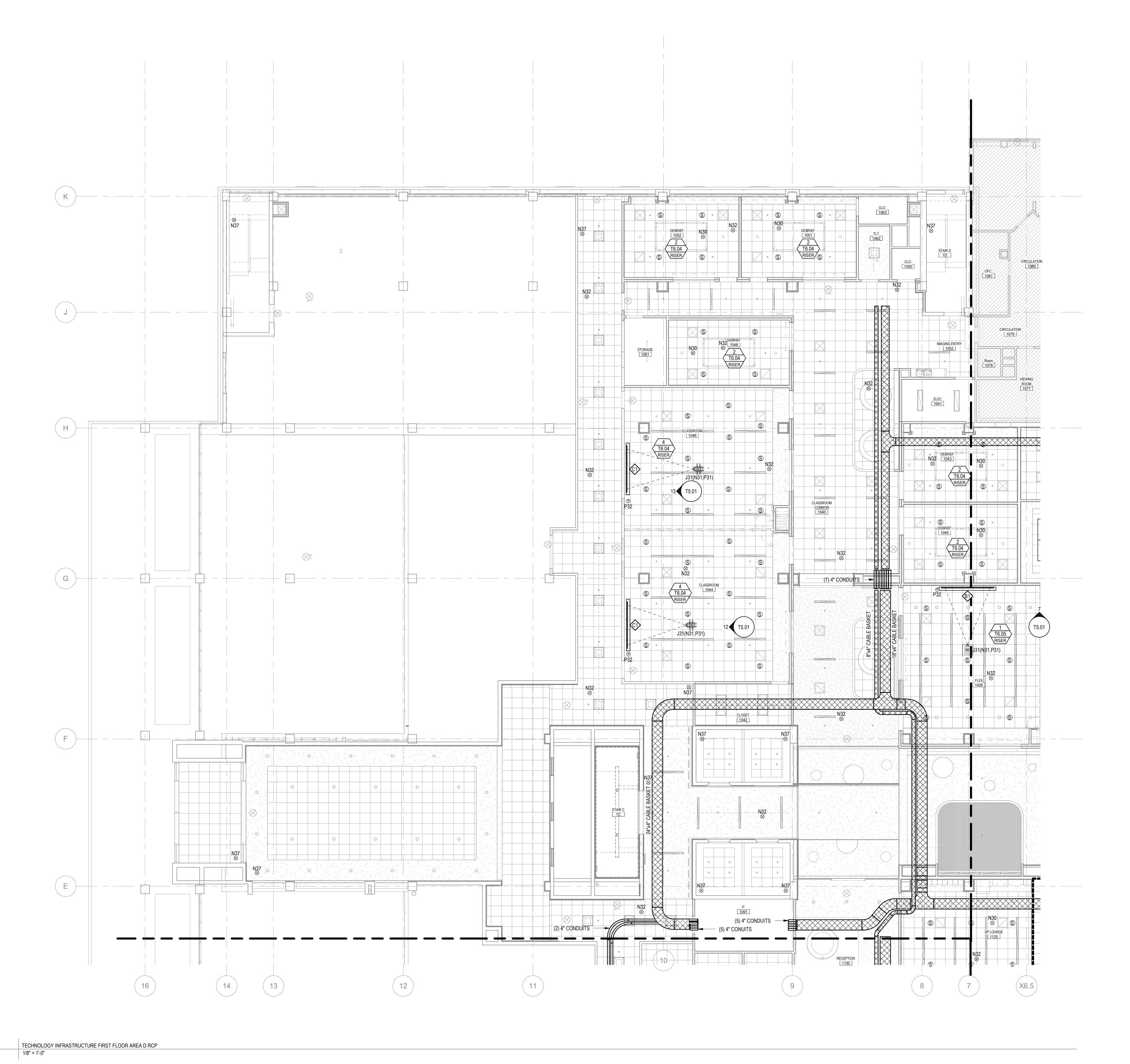
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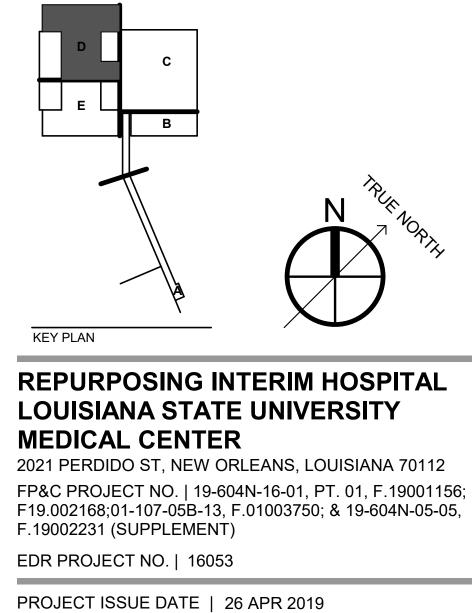
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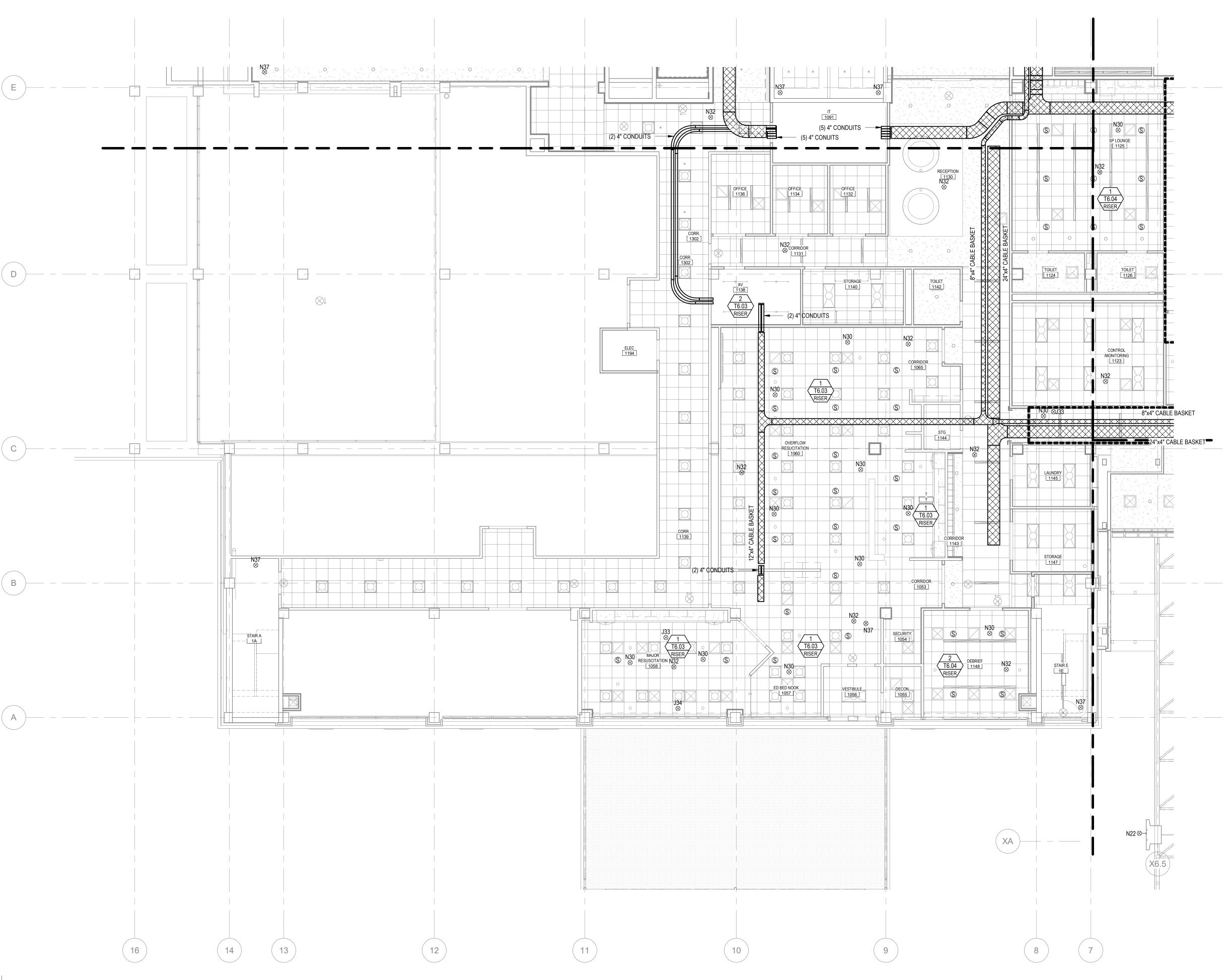
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TECHNOLOGY INFRASTRUCTURE FIRST FLOOR AREA E RCP 1/8" = 1'-0"

FOR AV CONTRACTOR REFERENCE ONLY

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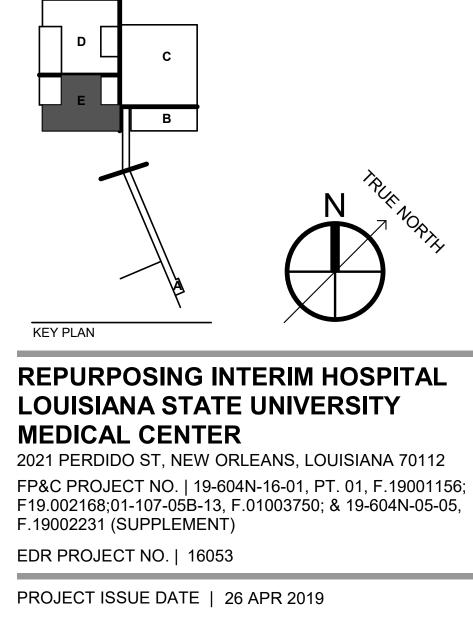
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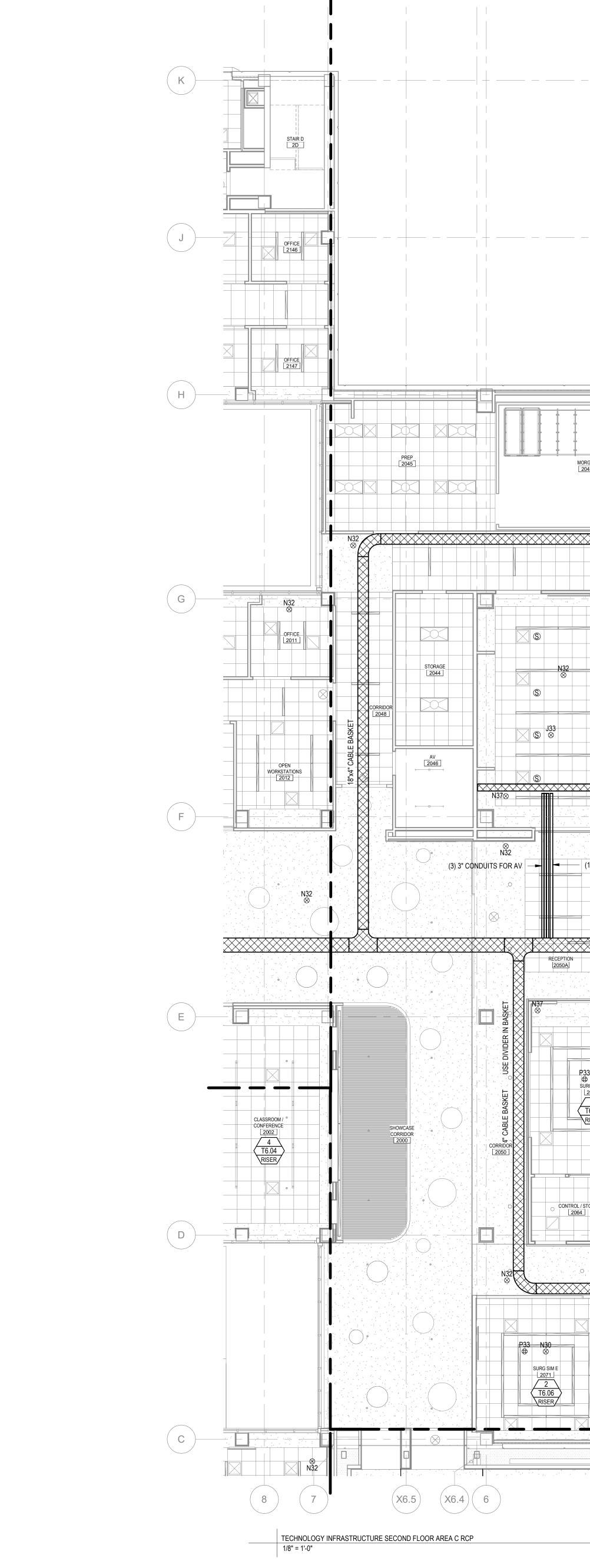


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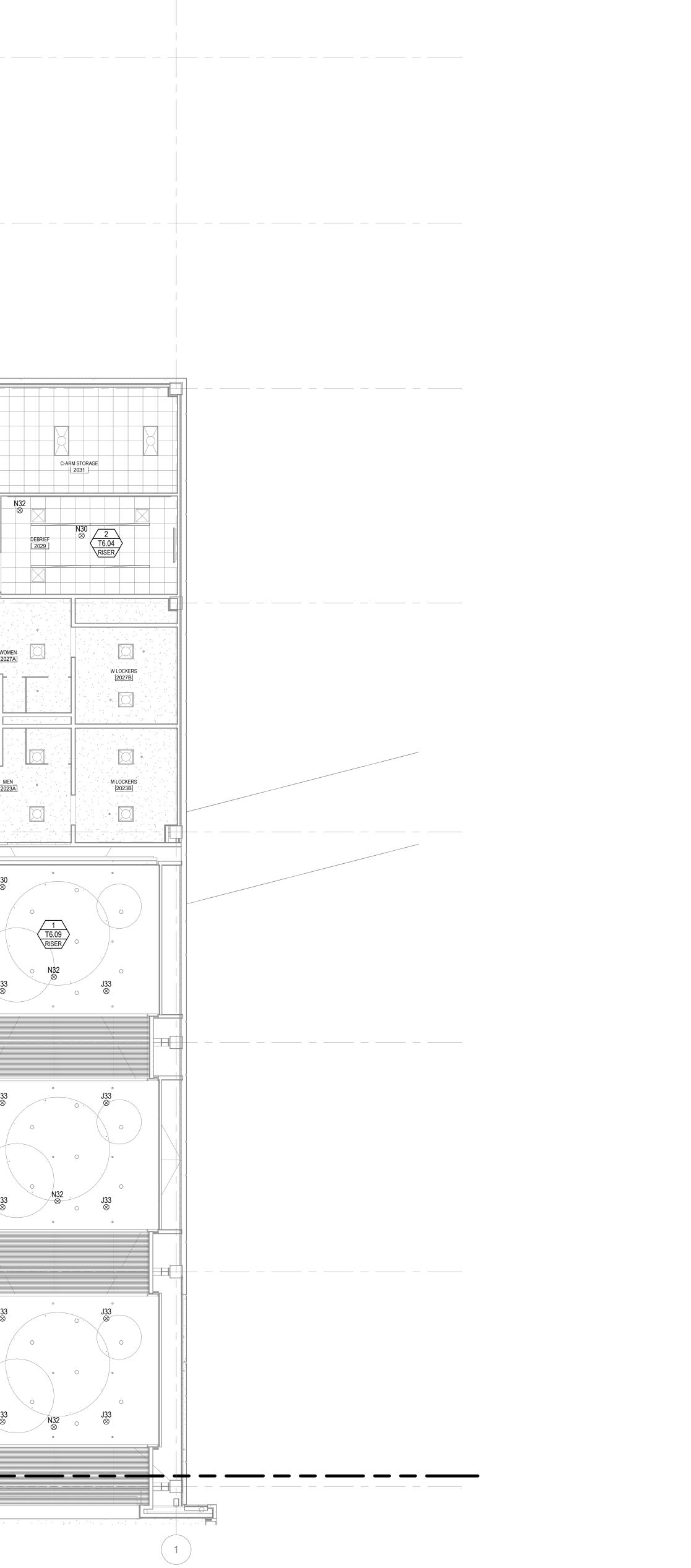
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365 CANAL STREET, SUITE 3150 NEW ORLEANS, LOUISIANA 70130

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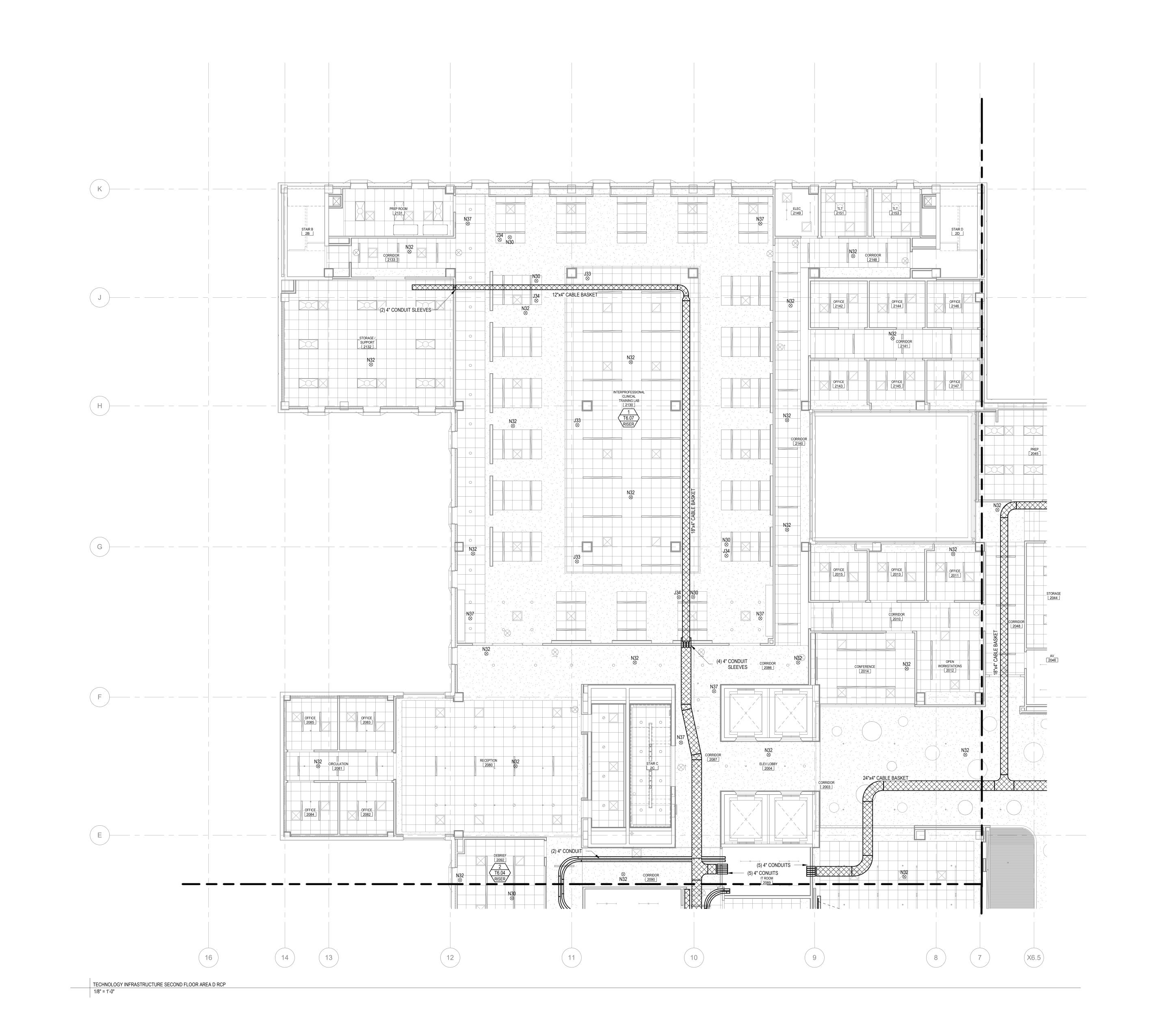
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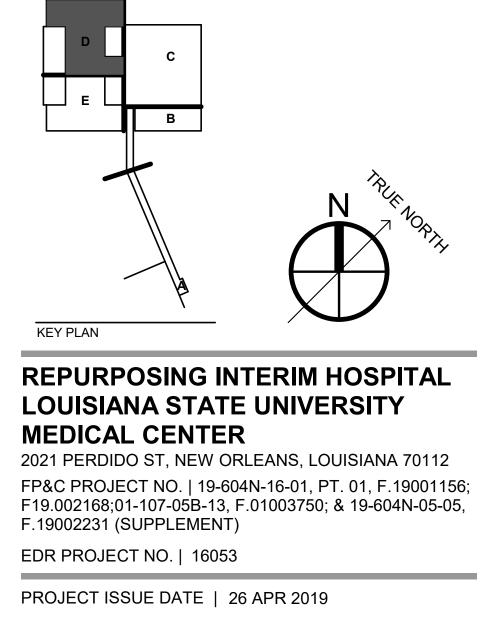
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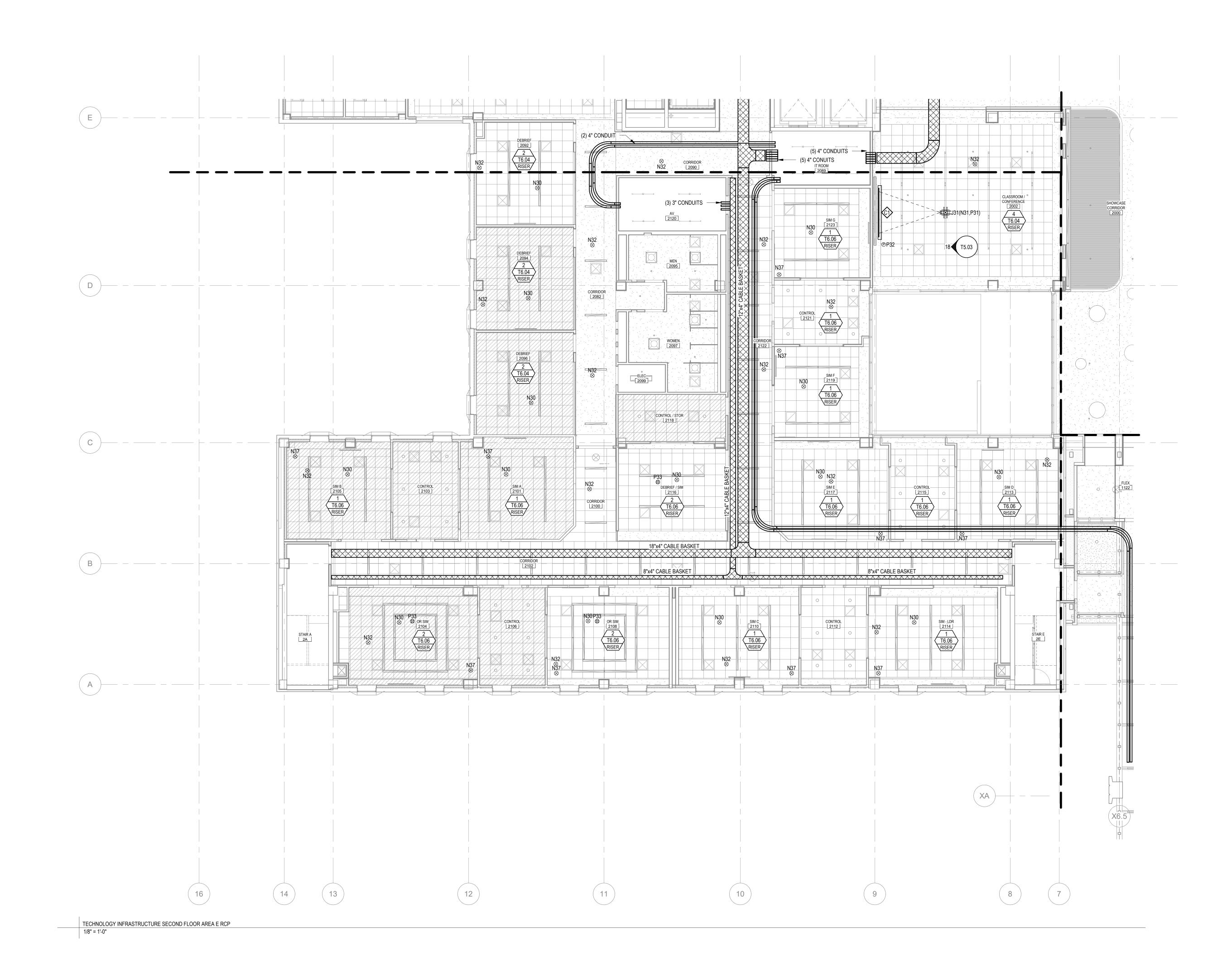


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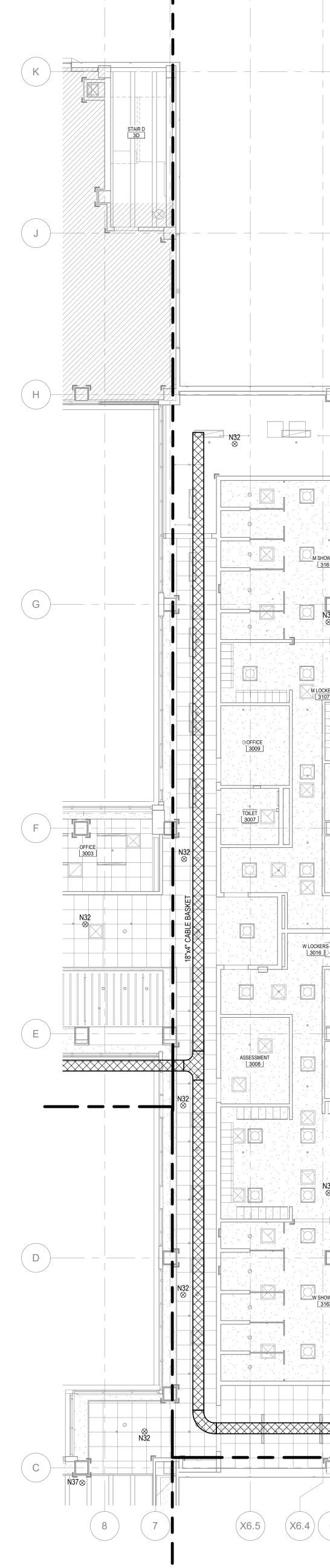


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N32	18"x4" CABLE BASKET	N32				
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KEY PLAN

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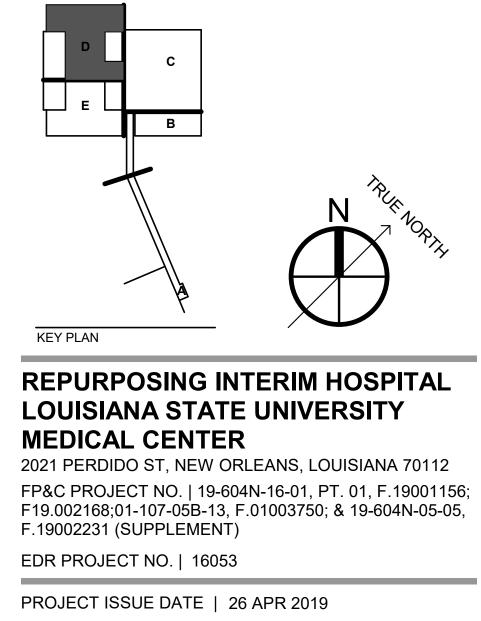
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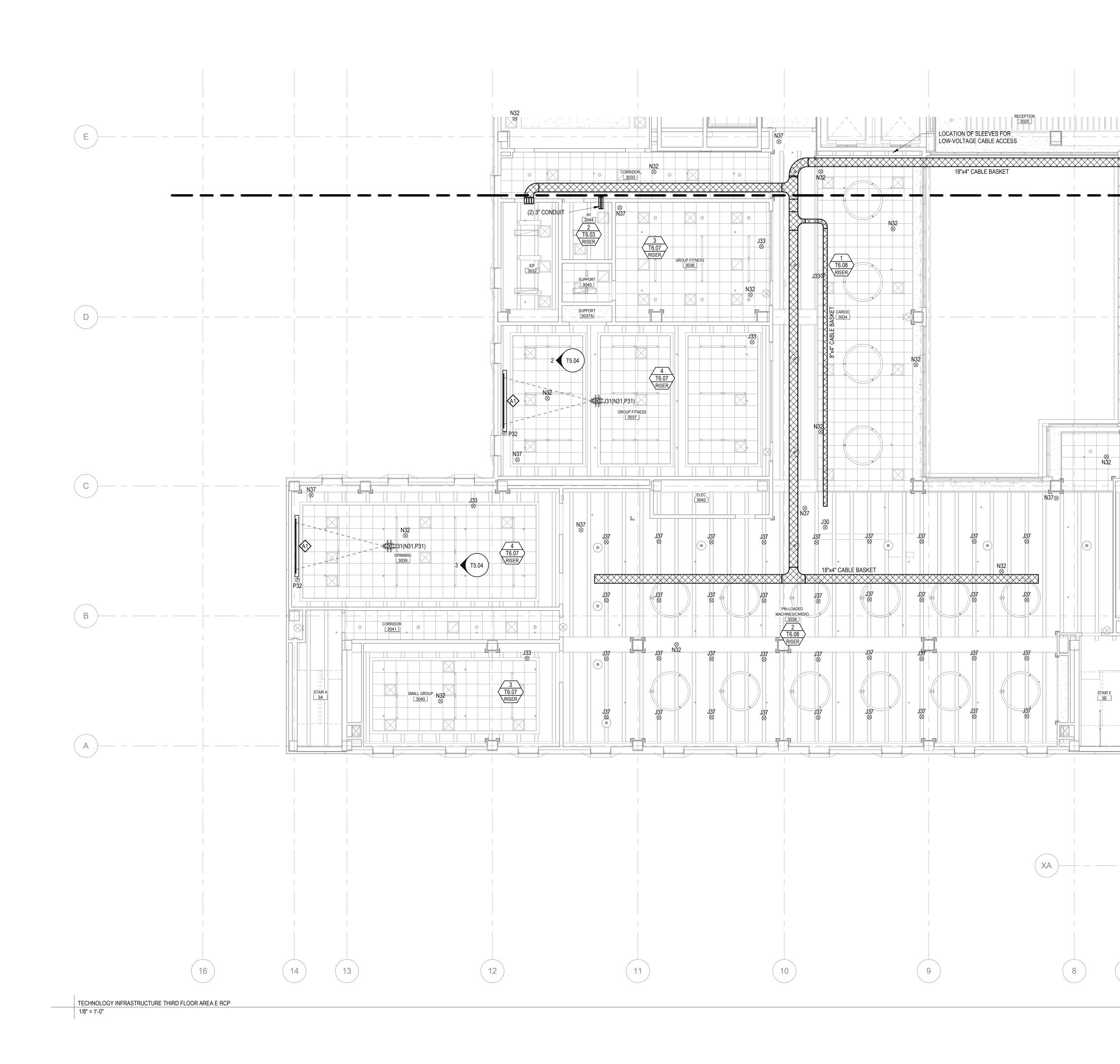
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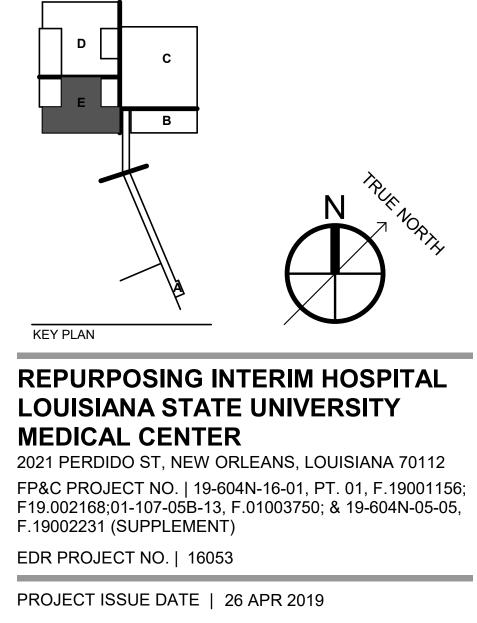


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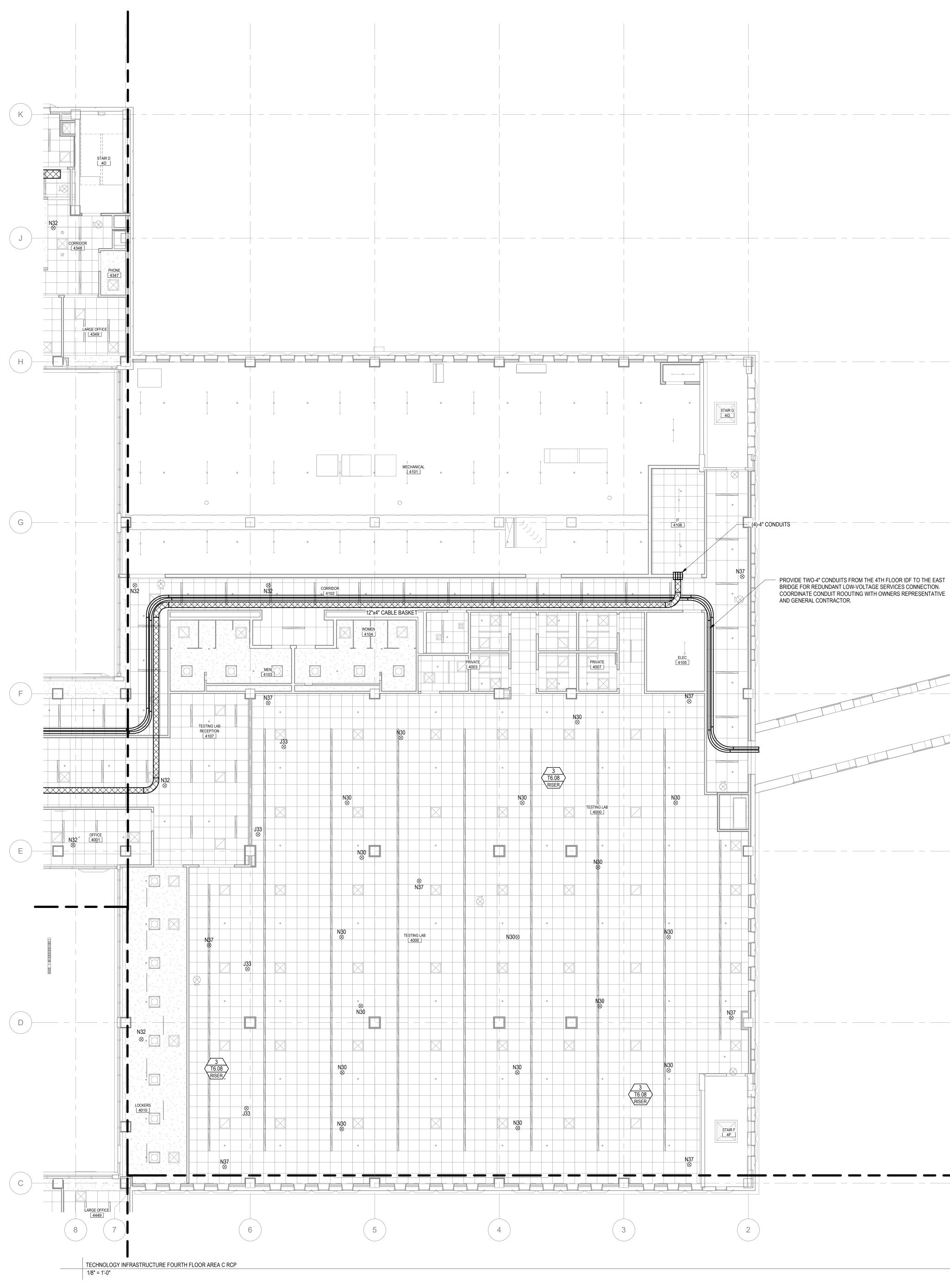


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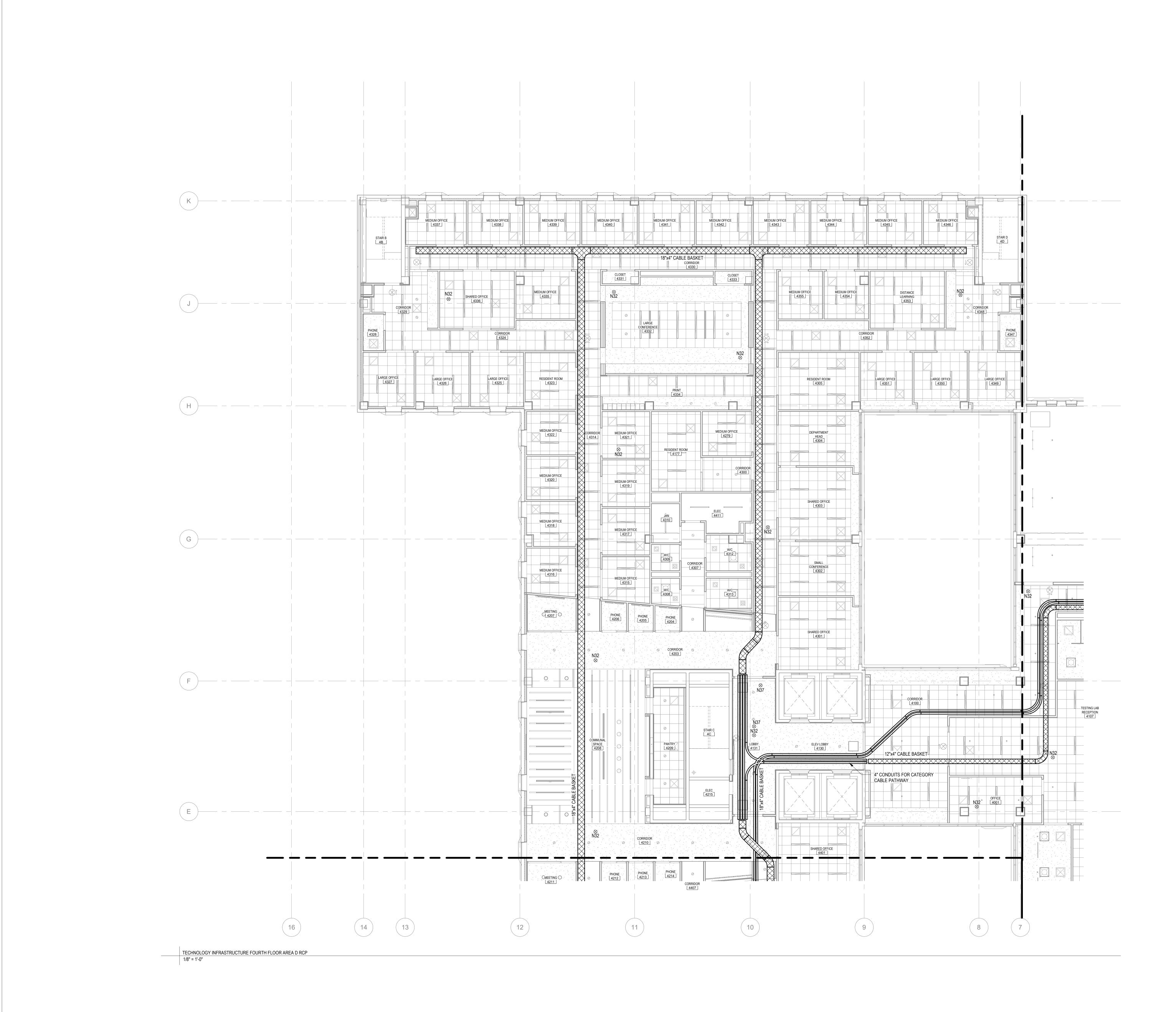
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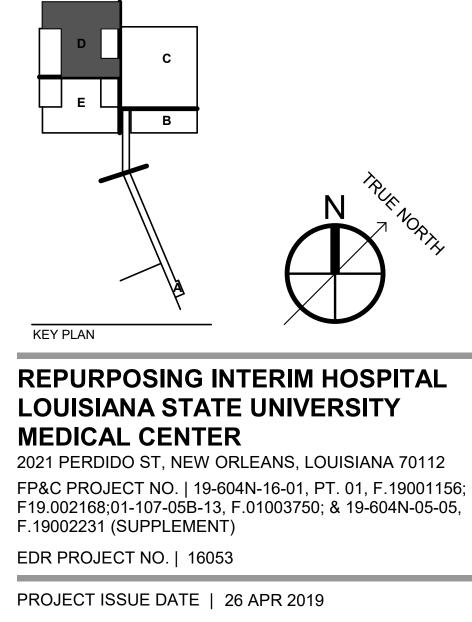
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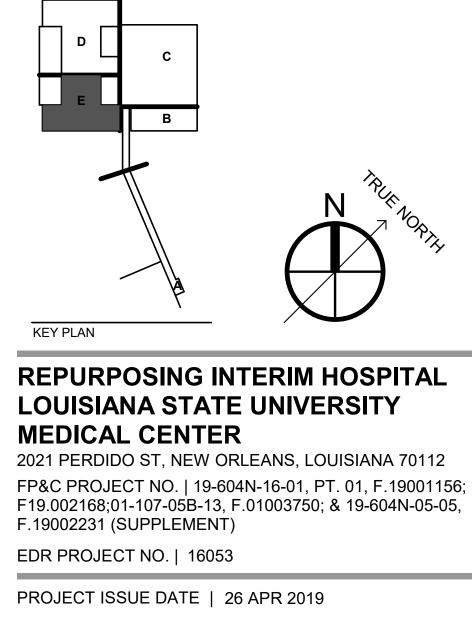
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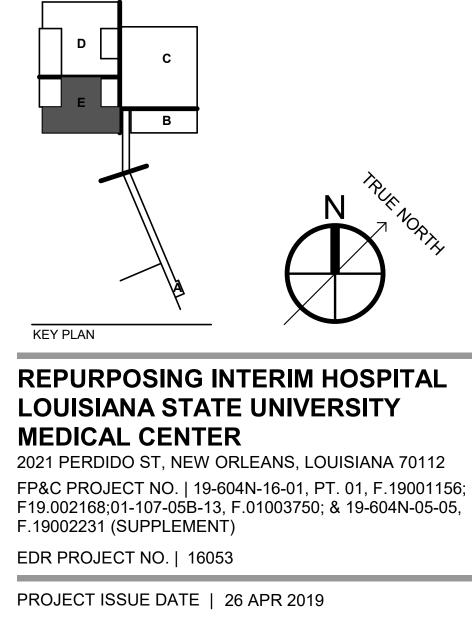












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LARGE OFFICE 5252

-+(X)

STAIR 5E

CORRIDO 5251

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MEDIUM OFFIC

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LARGE OFFICE

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# THE SEXTANT GROUP, INC. 700 WATERFRONT DRIVE SUITE 200 PITTSBURGH, PA 15222 412.323.8580

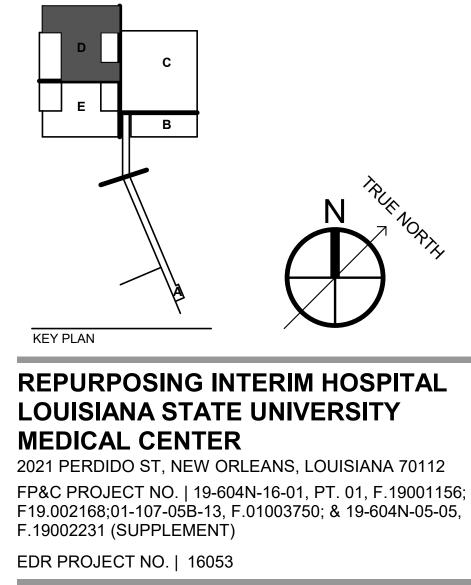


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REVISIONS

# THE SEXTANT GROUP, INC. 700 WATERFRONT DRIVE SUITE 200 PITTSBURGH, PA 15222 412.323.8580



AV • IT • SECURITY CONSULTANT

PROJECT ISSUE DATE | 26 APR 2019

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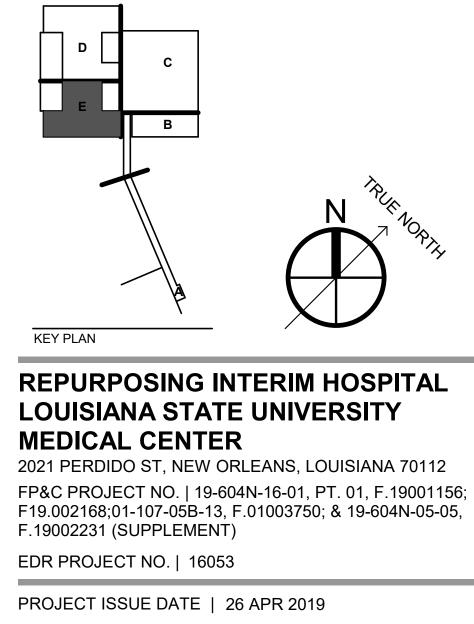
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REVISIONS



LARGE OFFICE

STAIR 6E

CORRIDOF 6250

MEDIUM OFFICE

6247

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8 (7)

## THE SEXTANT GROUP, INC. 700 WATERFRONT DRIVE SUITE 200 PITTSBURGH, PA 15222 412.323.8580



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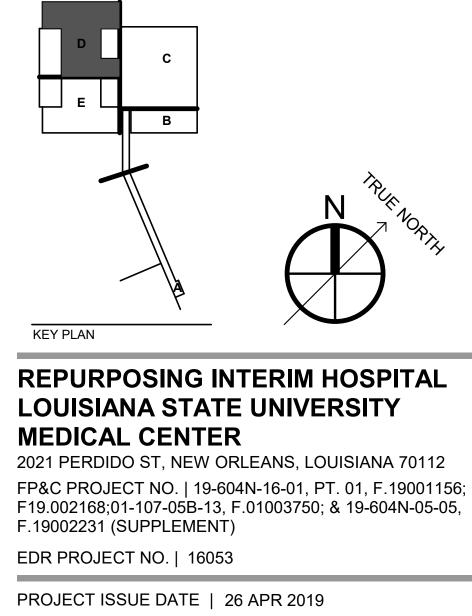




ESKEW+DUMEZ+RIPPLE
365 CANAL STREET, SUITE 3150 NEW ORLEANS, LOUISIANA 70130

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LARGE OFFICE	LARGE OFFICE	LARGE OFFICE	



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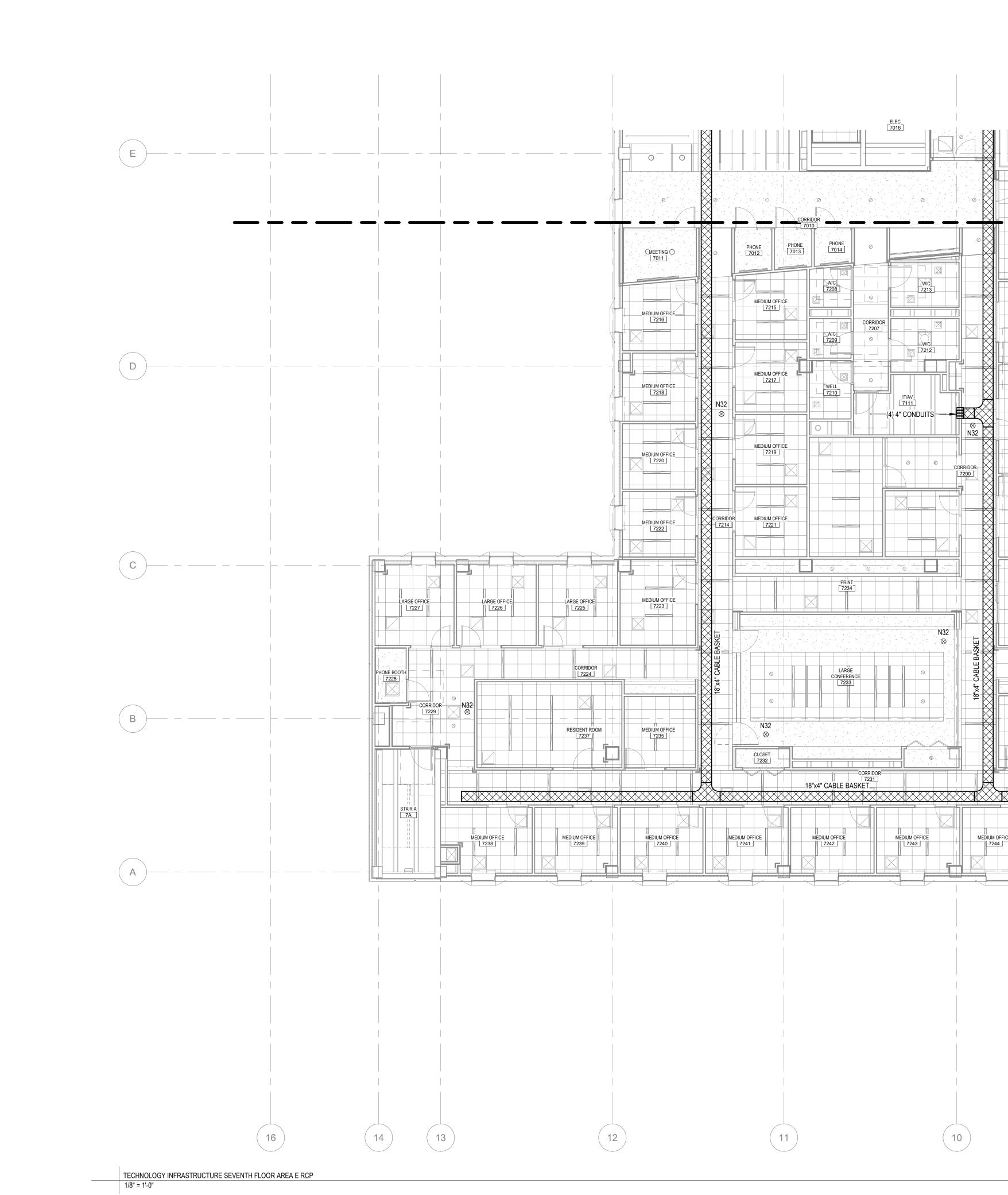


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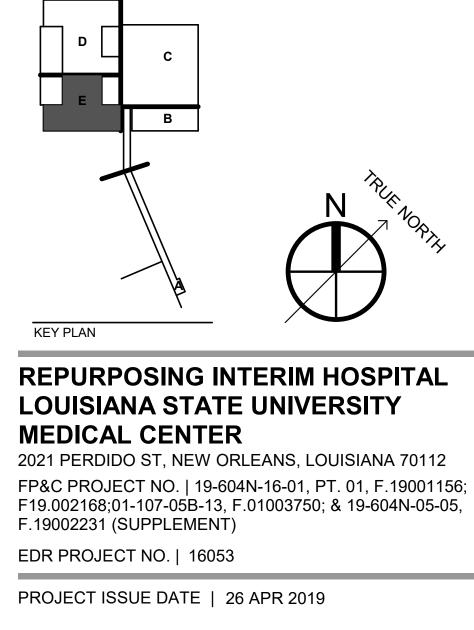
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# TECHNOLOGY INFRASTRUCTURE SEVENTH FLOOR AREA D RCP



MEDIUM OFFICE T222 MEDIUM OFFICE T223 MEDIUM OFFICE T223 MEDIUM OFFICE T223	N32 MEDIUM OFFICE IZ17 MEDIUM OFFICE IZ19 MEDIUM OFFICE IZ19 MEDIUM OFFICE IZ19 MEDIUM OFFICE IZ19 MEDIUM OFFICE IZ11 MEDIUM OFFICE IZ11 MEDIUM OFFICE IZ13 MEDIUM OFFICE IZ13 MEDIUM OFFICE IZ13 MEDIUM OFFICE IZ13 MEDIUM OFFICE IZ14 MEDIUM OFFICE IZ13 MEDIUM OFFICE IZ14 MEDIUM OFFICE IZ14 MEDI		DEPARTMENT HEAD T204 RESIDENT ROOM T205 RESIDENT ROOM T205 LARGE OF T253 CORRIDOR T254 CORRIDOR T254 CORRIDOR T254	
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BID DOCUMENTS

REVISIONS

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ARGE OFFICE

7252

SMALL CONFERENCE 7255

IEDIUM OFFI 7247

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N32 CORRIDOR 7250

LARGE OFFI

7251

STAIR 7E



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A OFFICE		MEDIUM OFFICE		STAIR 8D
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OFFICE		LARGE OFFICE		

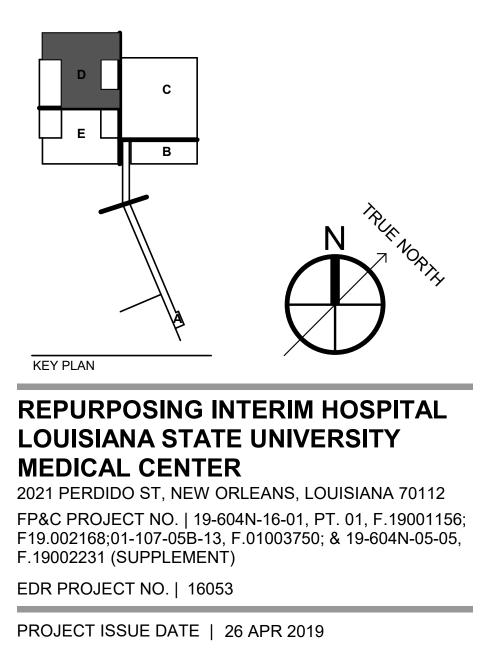


**T2.45** 

# THE SEXTANT GROUP, INC. 700 WATERFRONT DRIVE SUITE 200 PITTSBURGH, PA 15222 412.323.8580

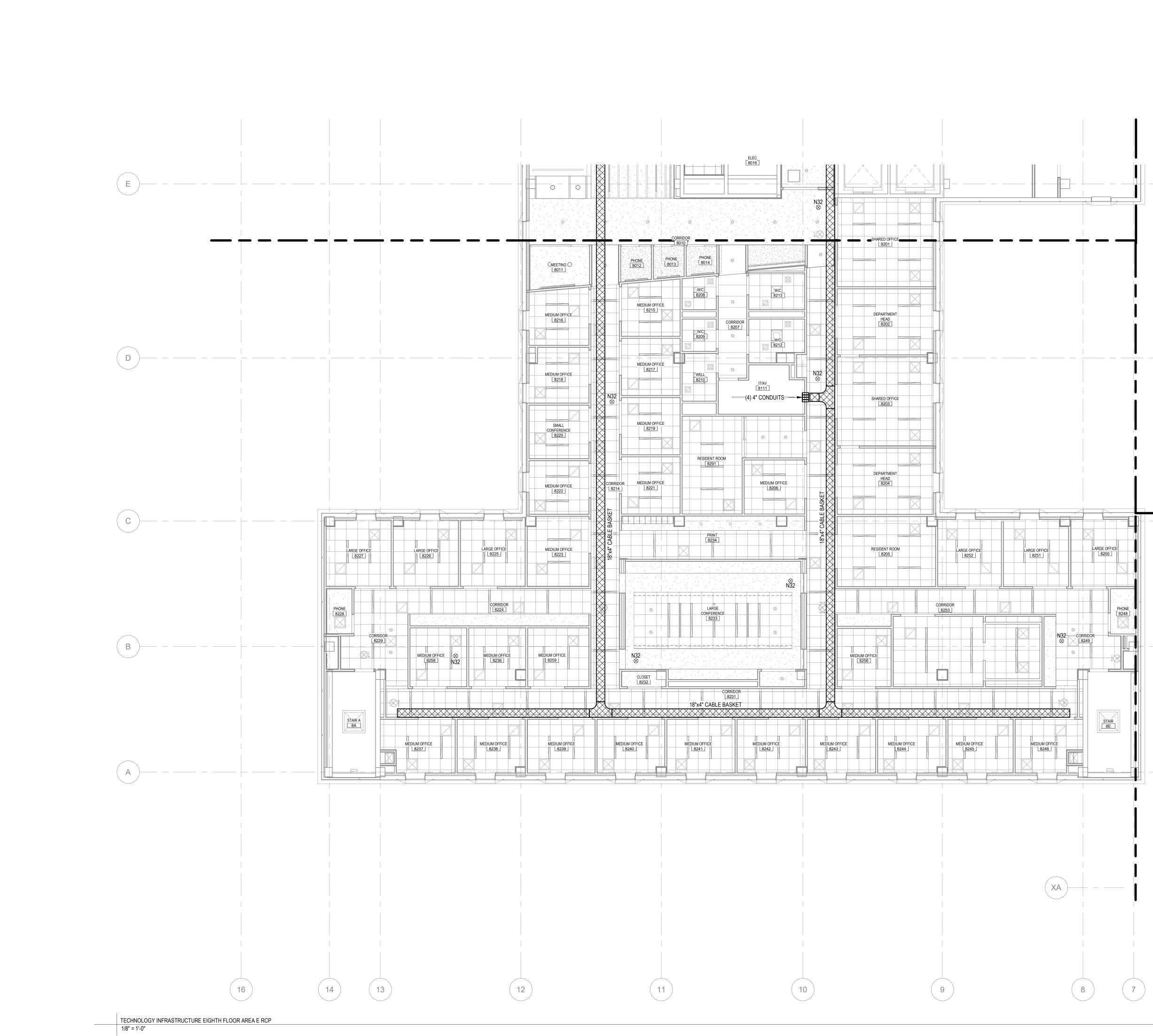


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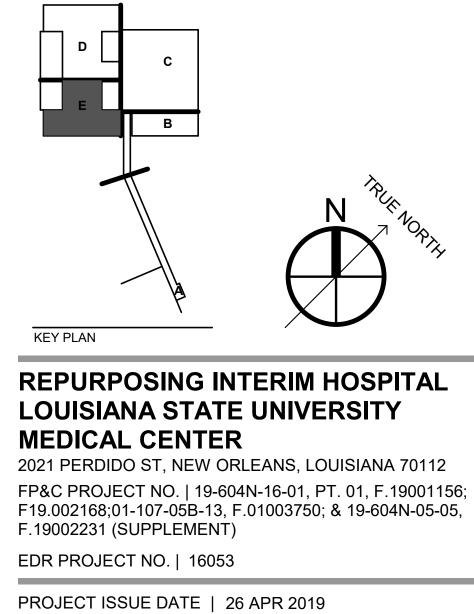


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	ELEC 8016		
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DIUM OFFICE	RESIDENT ROOM 8291 KE KE KE KE KE KE KE KE KE KE	OFFICE 06 18,x4, CABLE BASKET	PARTMENT HEAD B204 DENT ROOM B205
		N32	
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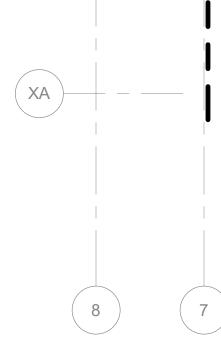


BID DOCUMENTS

REVISIONS

E LARGE OFFICE	LARGE OFFICE	
	RRIDOR 8249	
	STAIR 8E	

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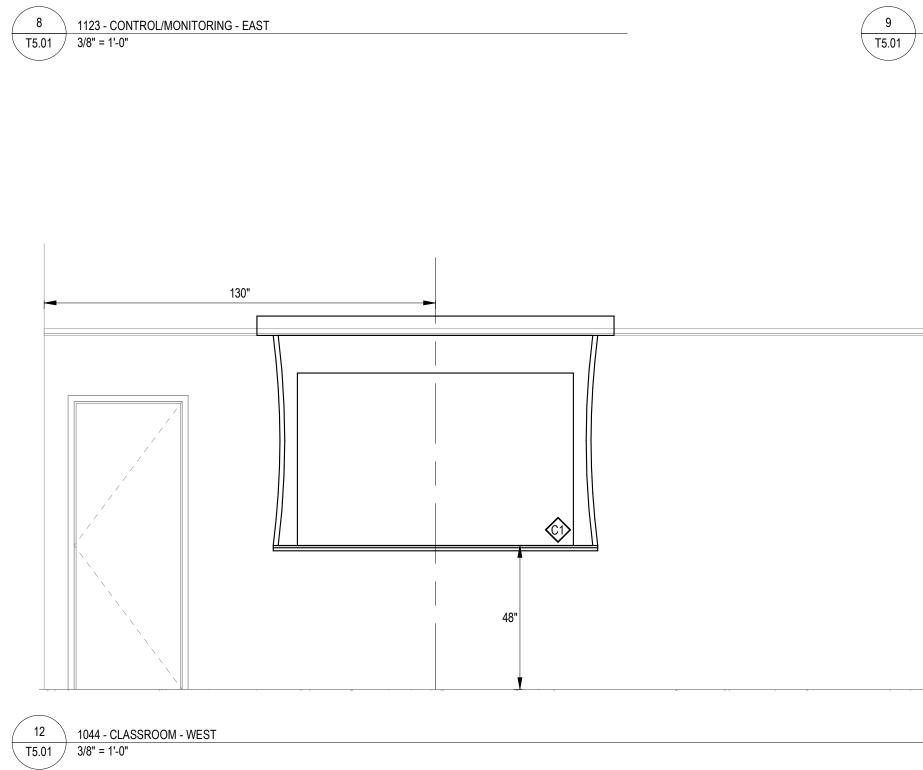
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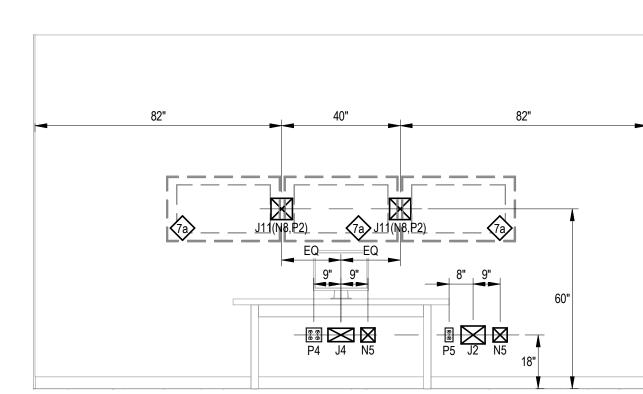
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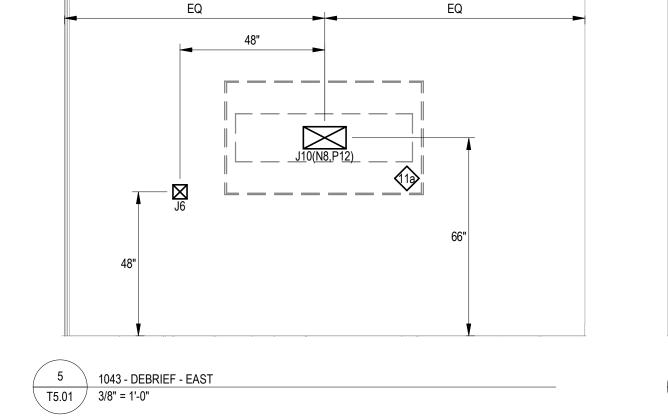


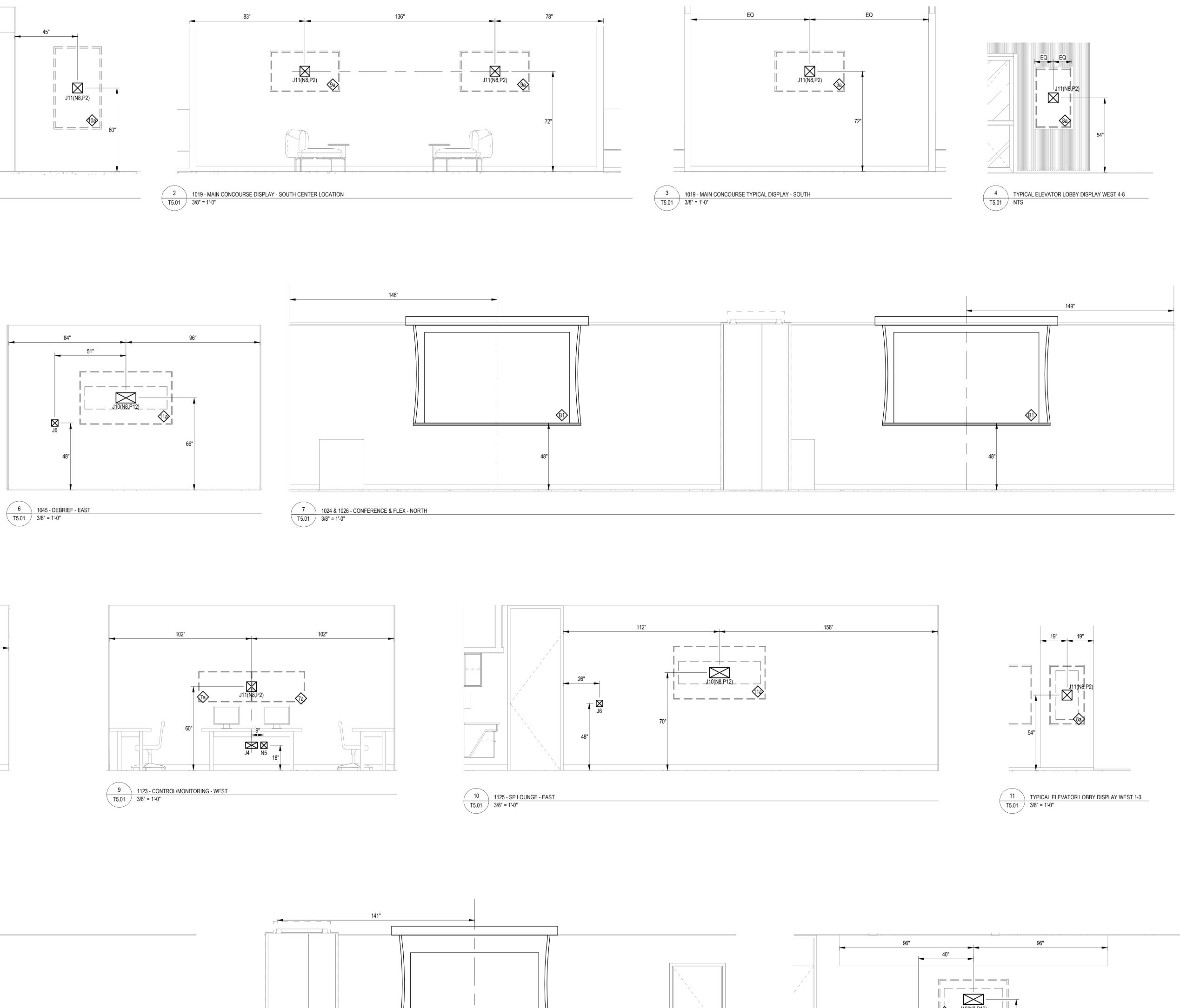


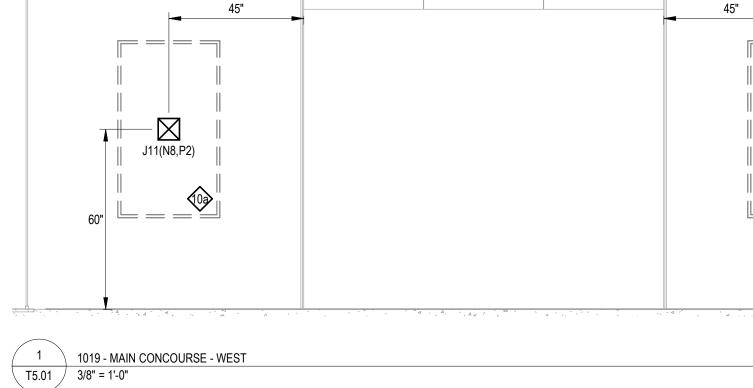


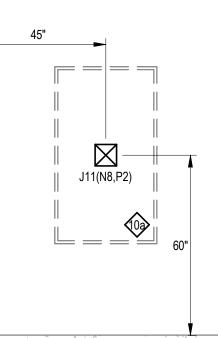






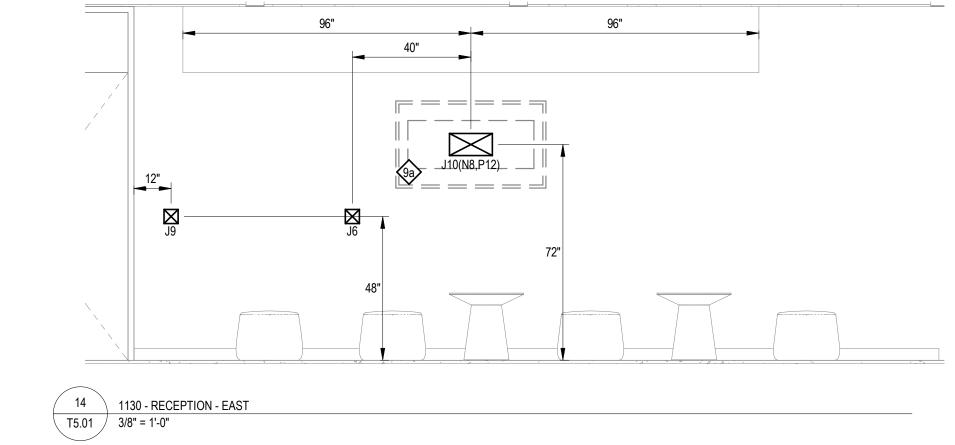






13 1046 - CLASSROOM - WEST T5.01 3/8" = 1'-0"

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# MEDICAL CENTER

EDR PROJECT NO. | 16053

BID DOCUMENTS

TECHNOLOGY INFRASTRUCTURE **ROOM ELEVATIONS** 

T5.01

THE SEXTANT GROUP, INC. 700 WATERFRONT DRIVE SUITE 200 PITTSBURGH, PA 15222

365 CANAL STREET, SUITE 3150 NEW ORLEANS, LOUISIANA 70130

412.323.8580



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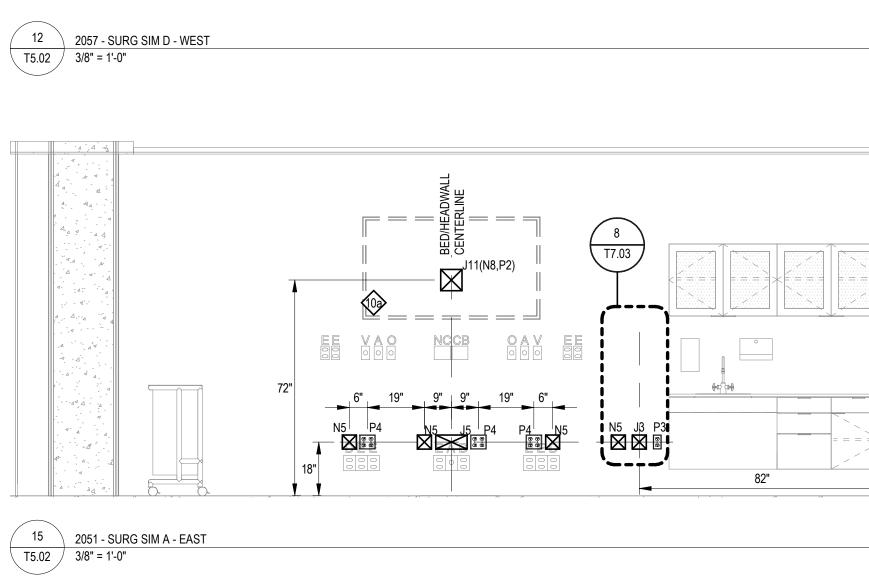
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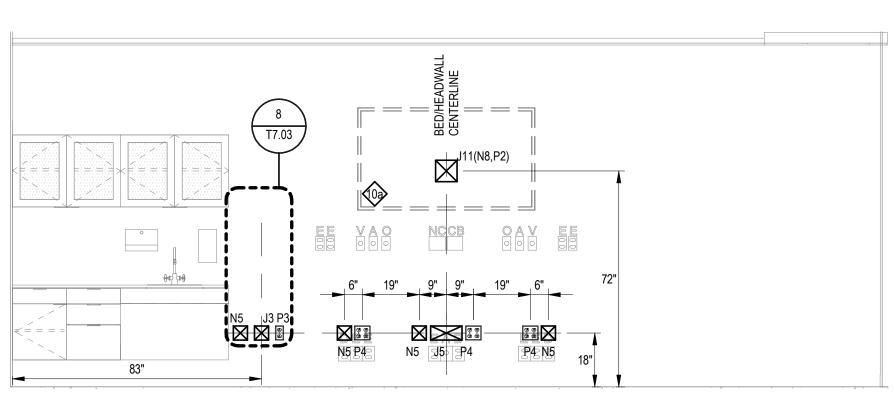
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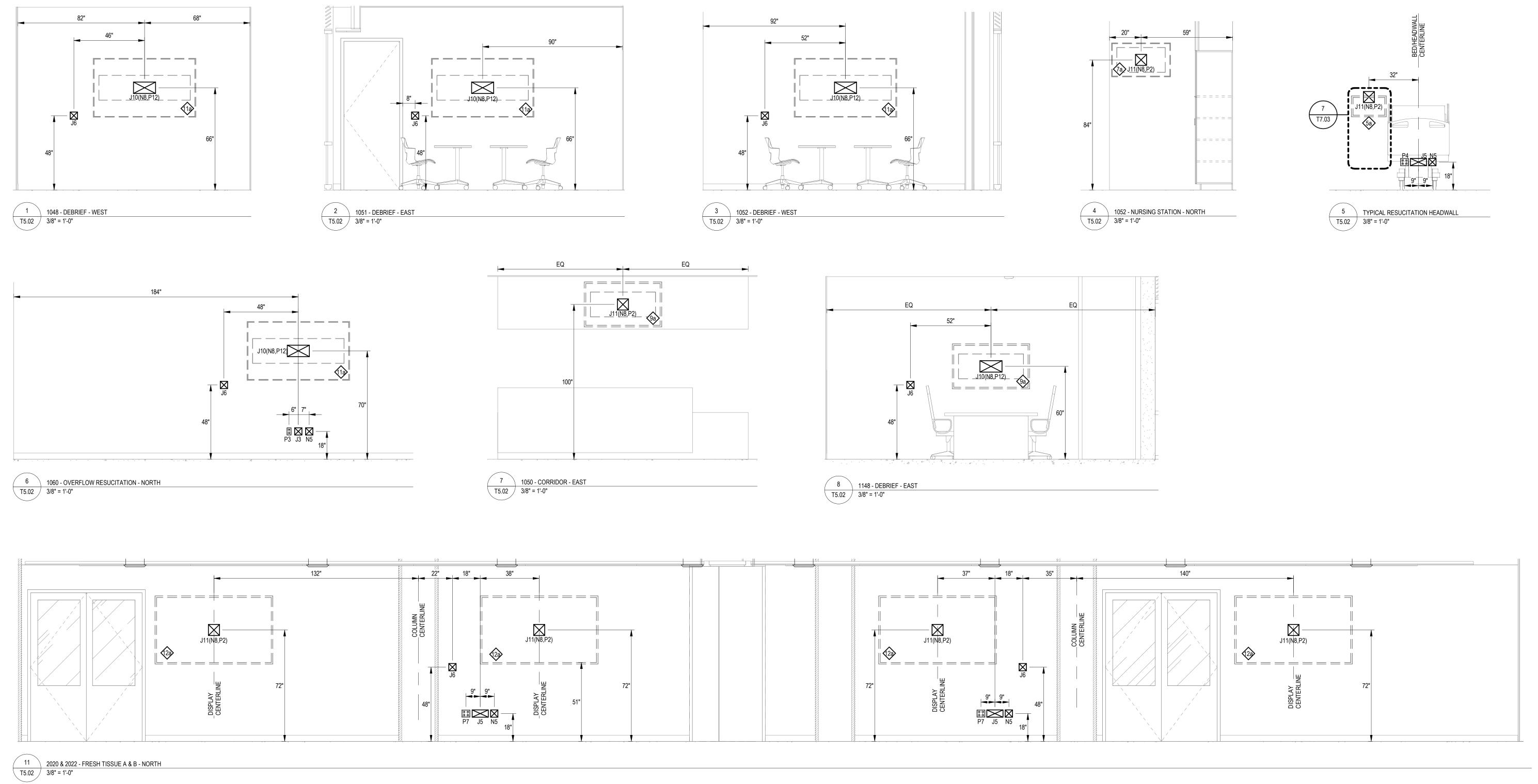
2021 PERDIDO ST, NEW ORLEANS, LOUISIANA 70112 FP&C PROJECT NO. | 19-604N-16-01, PT. 01, F.19001156; F19.002168;01-107-05B-13, F.01003750; & 19-604N-05-05, F.19002231 (SUPPLEMENT)

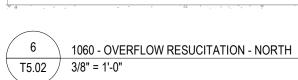
PROJECT ISSUE DATE | 26 APR 2019

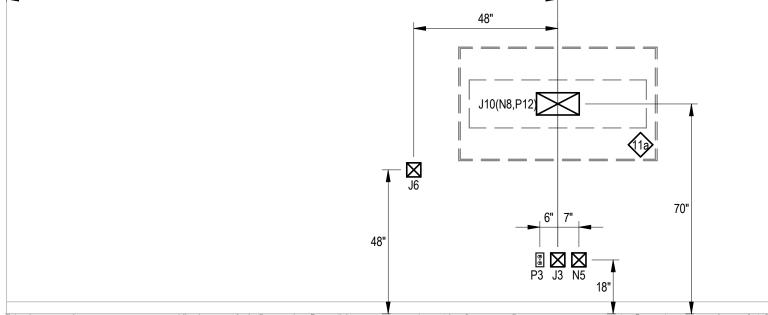
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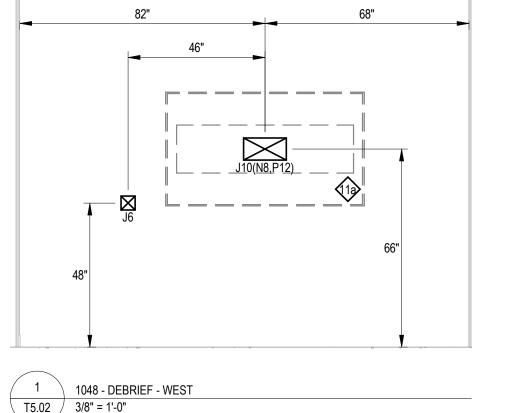


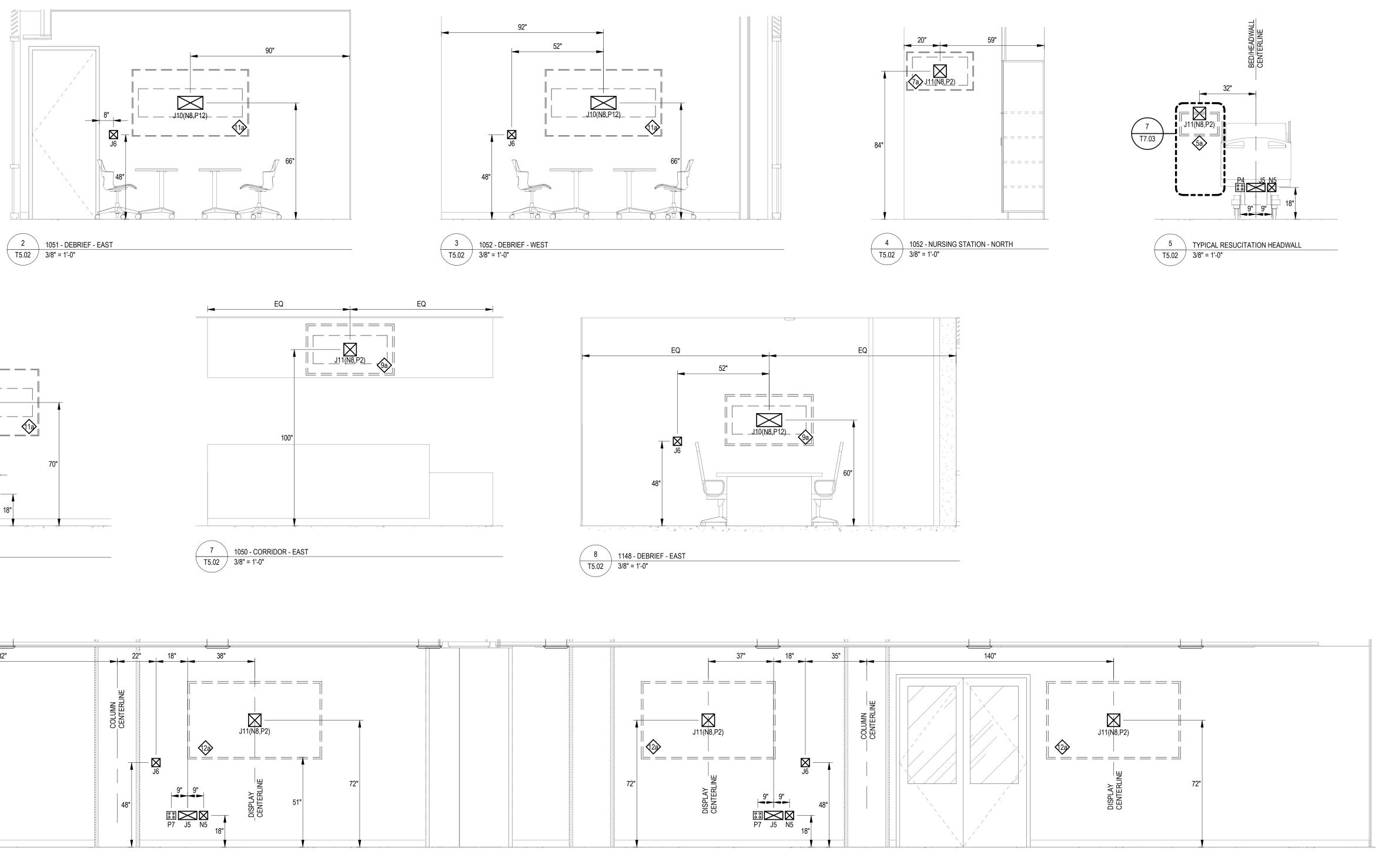


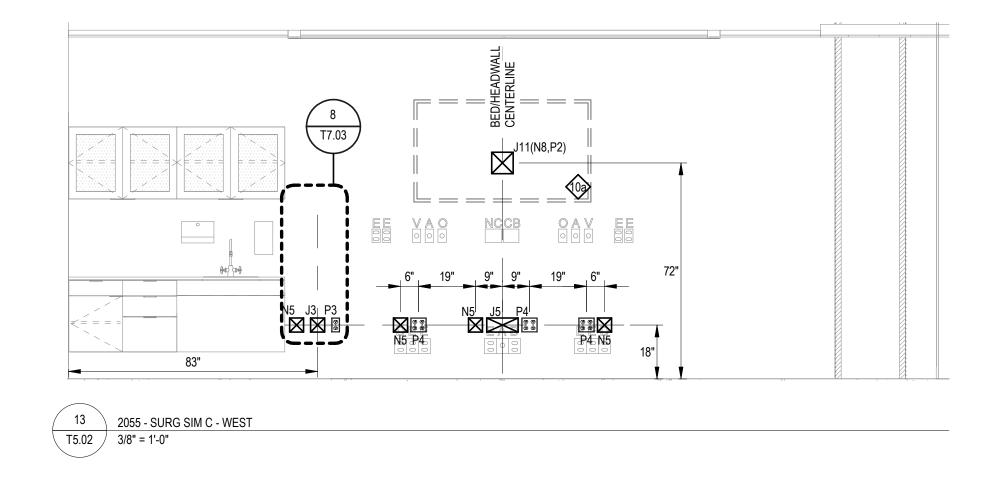


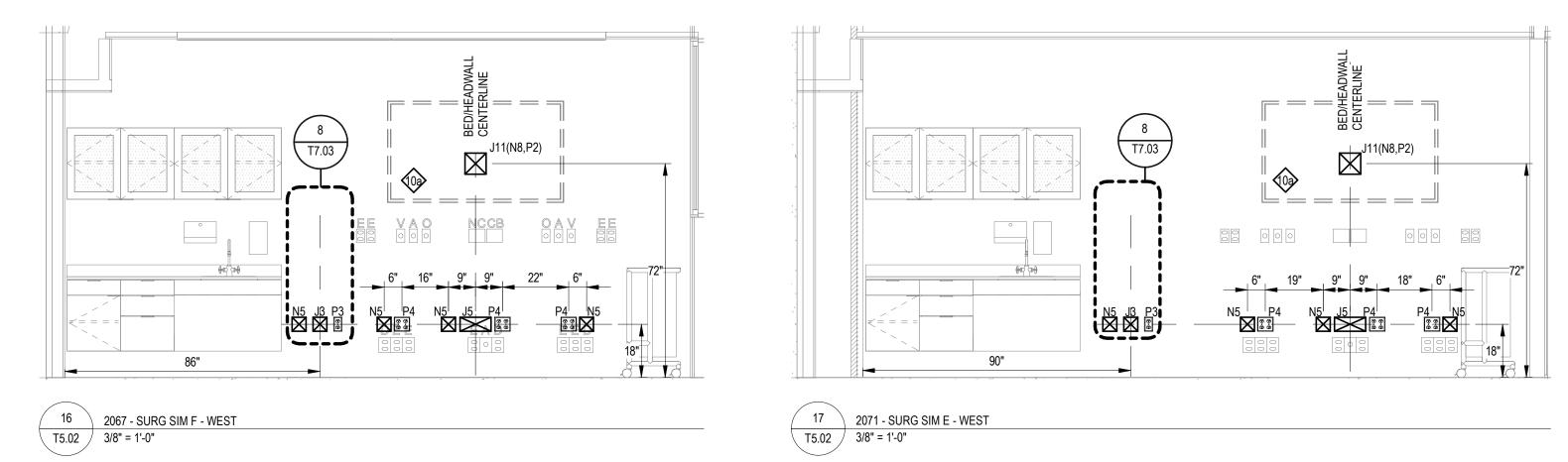




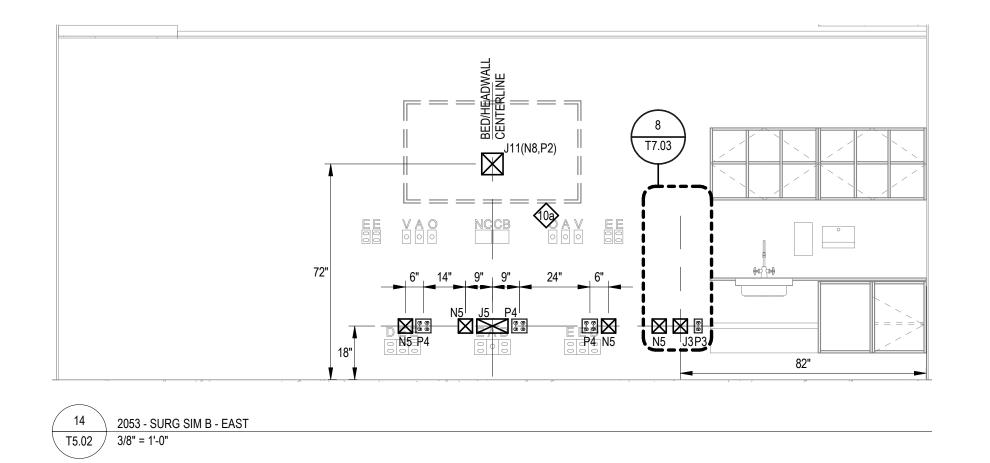


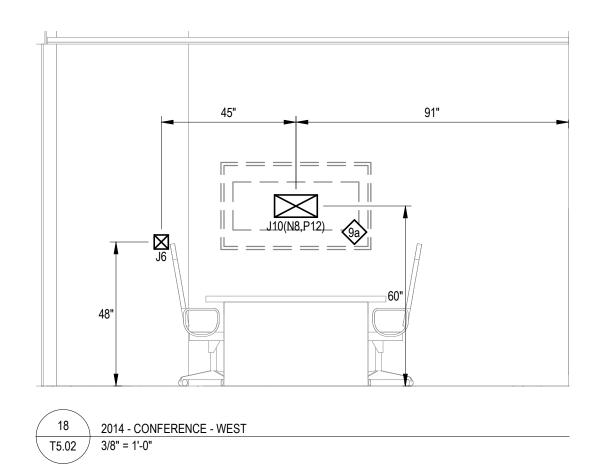






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# MEDICAL CENTER

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TECHNOLOGY INFRASTRUCTURE **ROOM ELEVATIONS** 

T5.02

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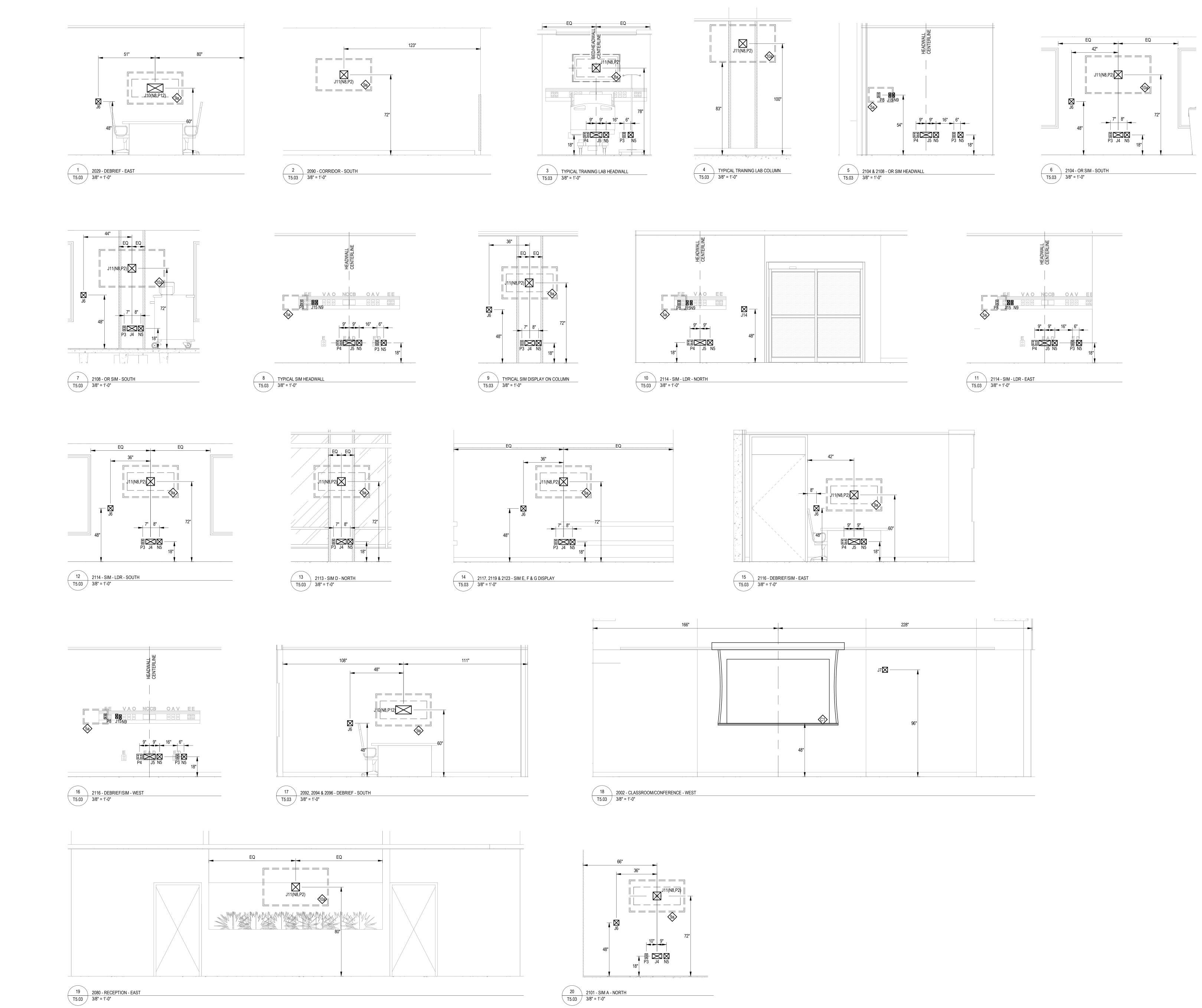
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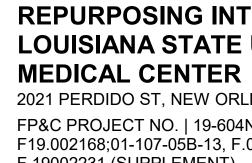
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**TECHNOLOGY INFRASTRUCTURE ROOM ELEVATIONS** 

T5.03

THE SEXTANT GROUP, INC. 700 WATERFRONT DRIVE SUITE 200 PITTSBURGH, PA 15222

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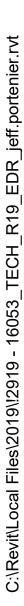
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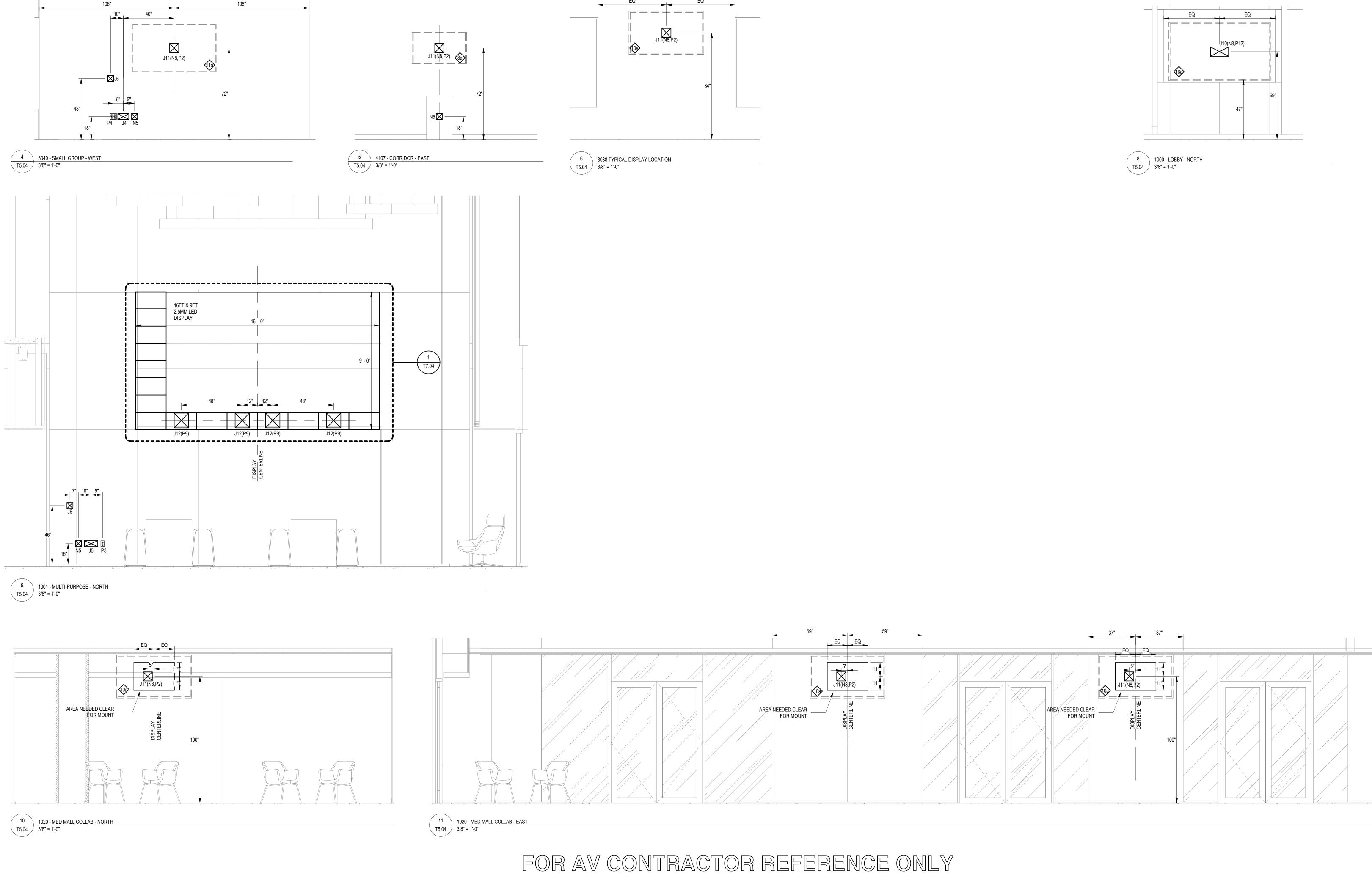
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158"

1 3036 - GROUP FITNESS - NORTH T5.04 3/8" = 1'-0"

48"

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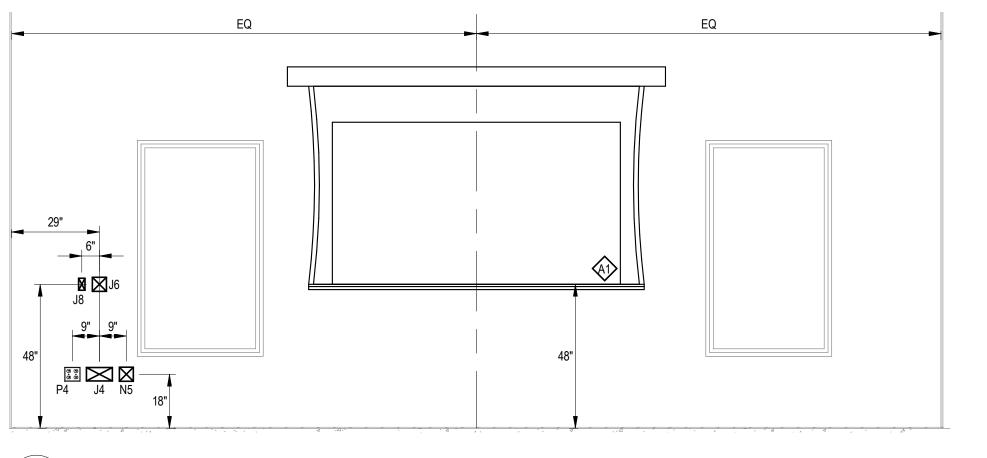
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J11(N8,P2)

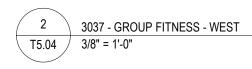
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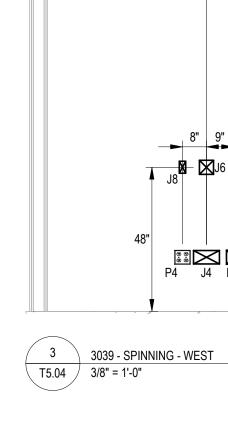
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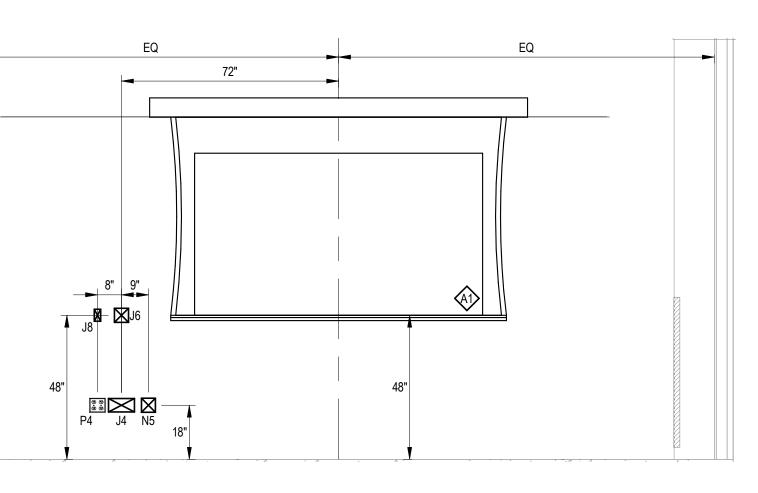


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EDR PROJECT NO. | 16053

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TECHNOLOGY INFRASTRUCTURE **ROOM ELEVATIONS** 

**T5.04** 

THE SEXTANT GROUP, INC. 700 WATERFRONT DRIVE SUITE 200 PITTSBURGH, PA 15222

365 CANAL STREET, SUITE 3150 NEW ORLEANS, LOUISIANA 70130

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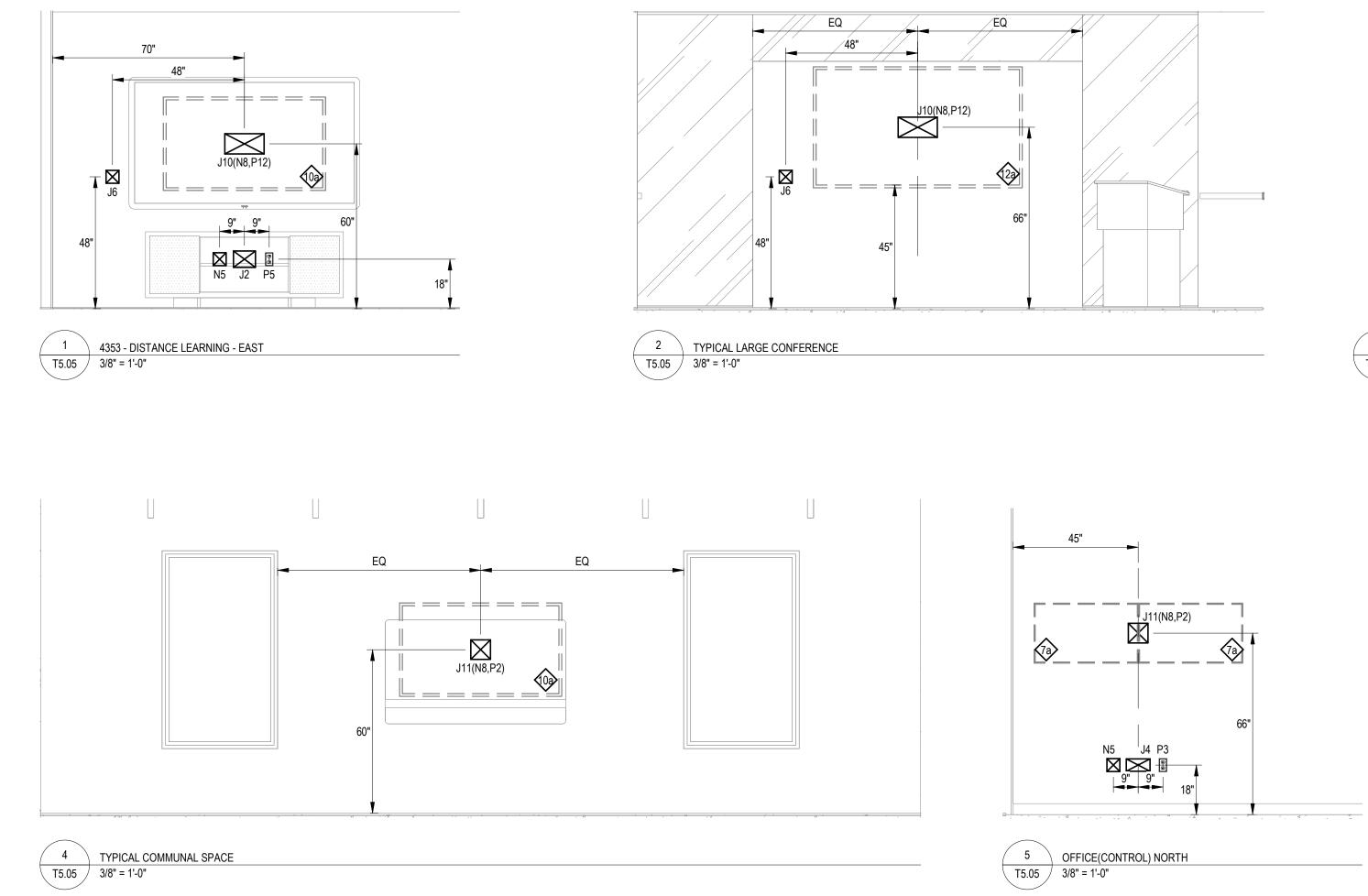
ESKEW+DUMEZ+RIPPLE

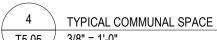
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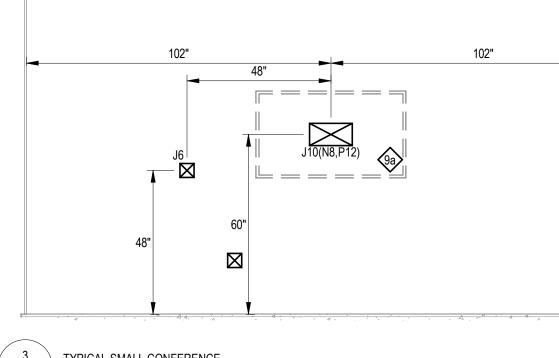
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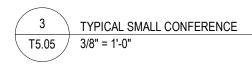
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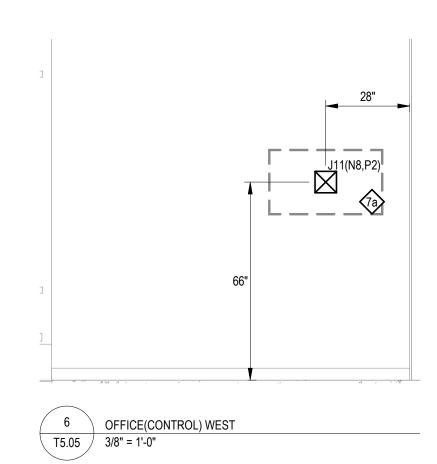
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T5.05

**THE SEXTANT GROUP, INC.** 700 WATERFRONT DRIVE SUITE 200 PITTSBURGH, PA 15222



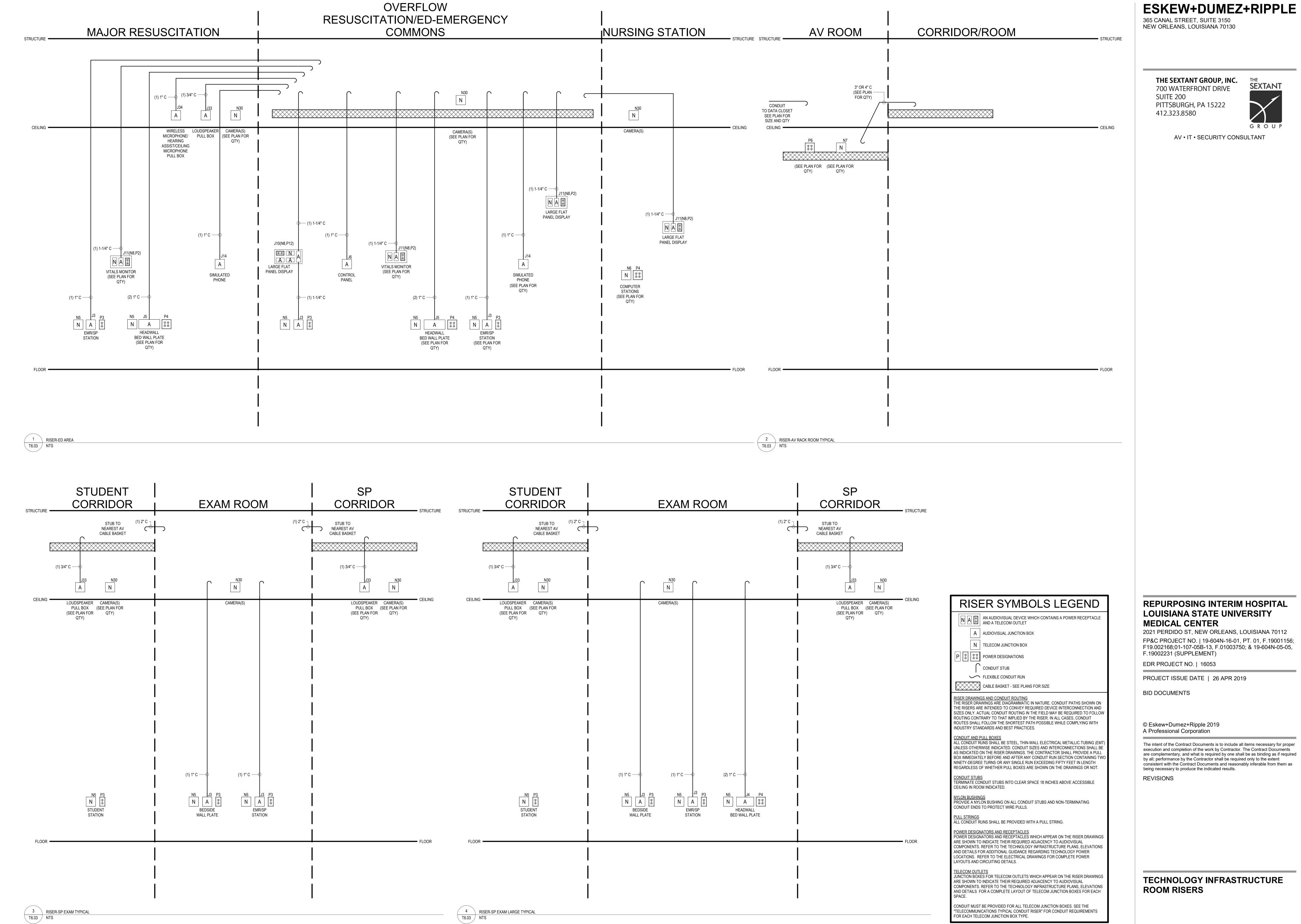
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T6.03 NTS

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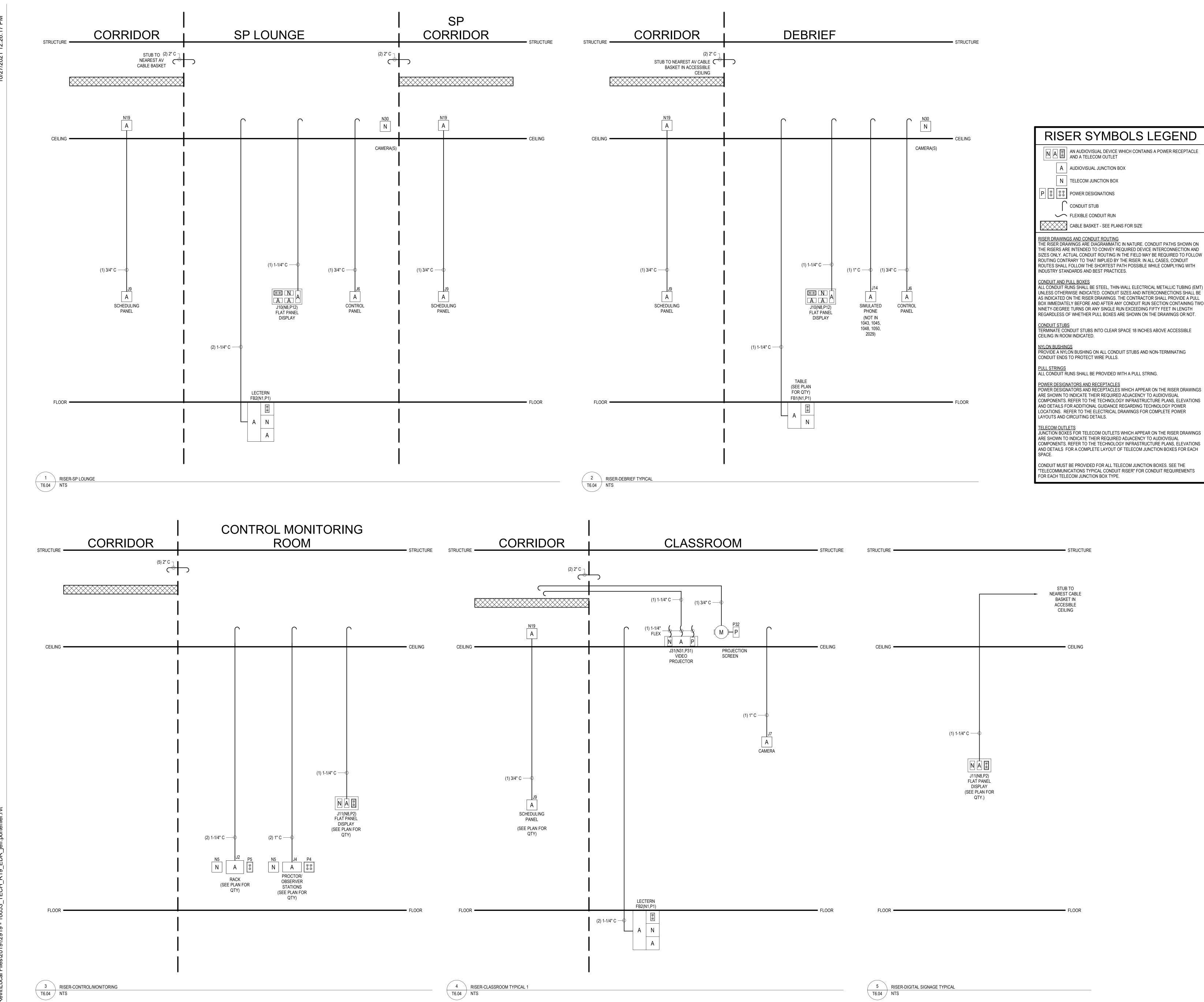
PROJECT ISSUE DATE | 26 APR 2019

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**TECHNOLOGY INFRASTRUCTURE ROOM RISERS** 





REVISIONS

**TECHNOLOGY INFRASTRUCTURE ROOM RISERS** 

**T6.04** 

THE SEXTANT GROUP, INC.

PITTSBURGH, PA 15222

412.323.8580



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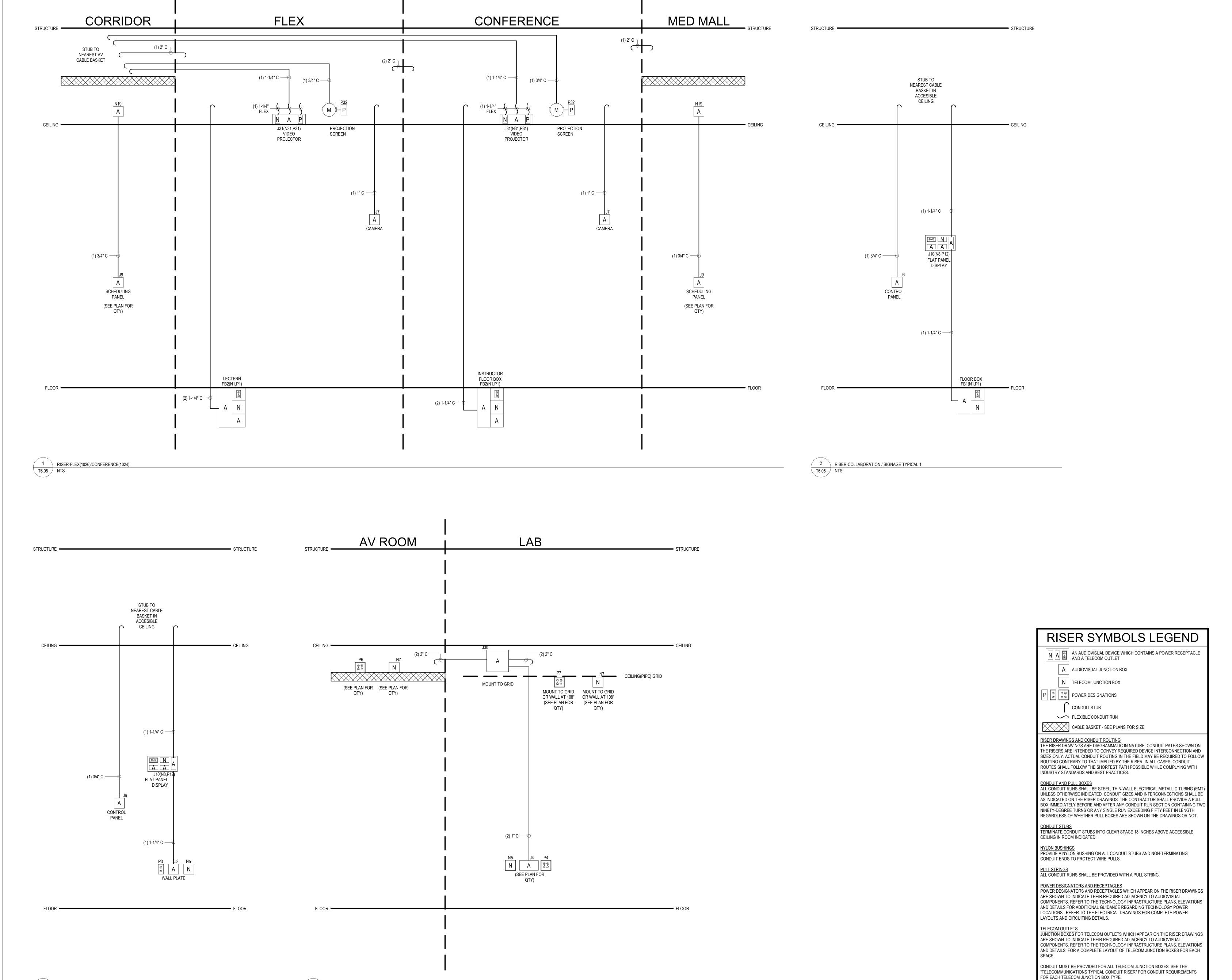
## **REPURPOSING INTERIM HOSPITAL** LOUISIANA STATE UNIVERSITY MEDICAL CENTER

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3 RISER-COLLABORATION / SIGNAGE TYPICAL 2 T6.05 NTS

4 RISER-MED MALL LAB TYPICAL T6.05 NTS

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EDR PROJECT NO. | 16053

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THE SEXTANT GROUP, INC.

700 WATERFRONT DRIVE

PITTSBURGH, PA 15222

SUITE 200

412.323.8580

365 CANAL STREET, SUITE 3150 NEW ORLEANS, LOUISIANA 70130

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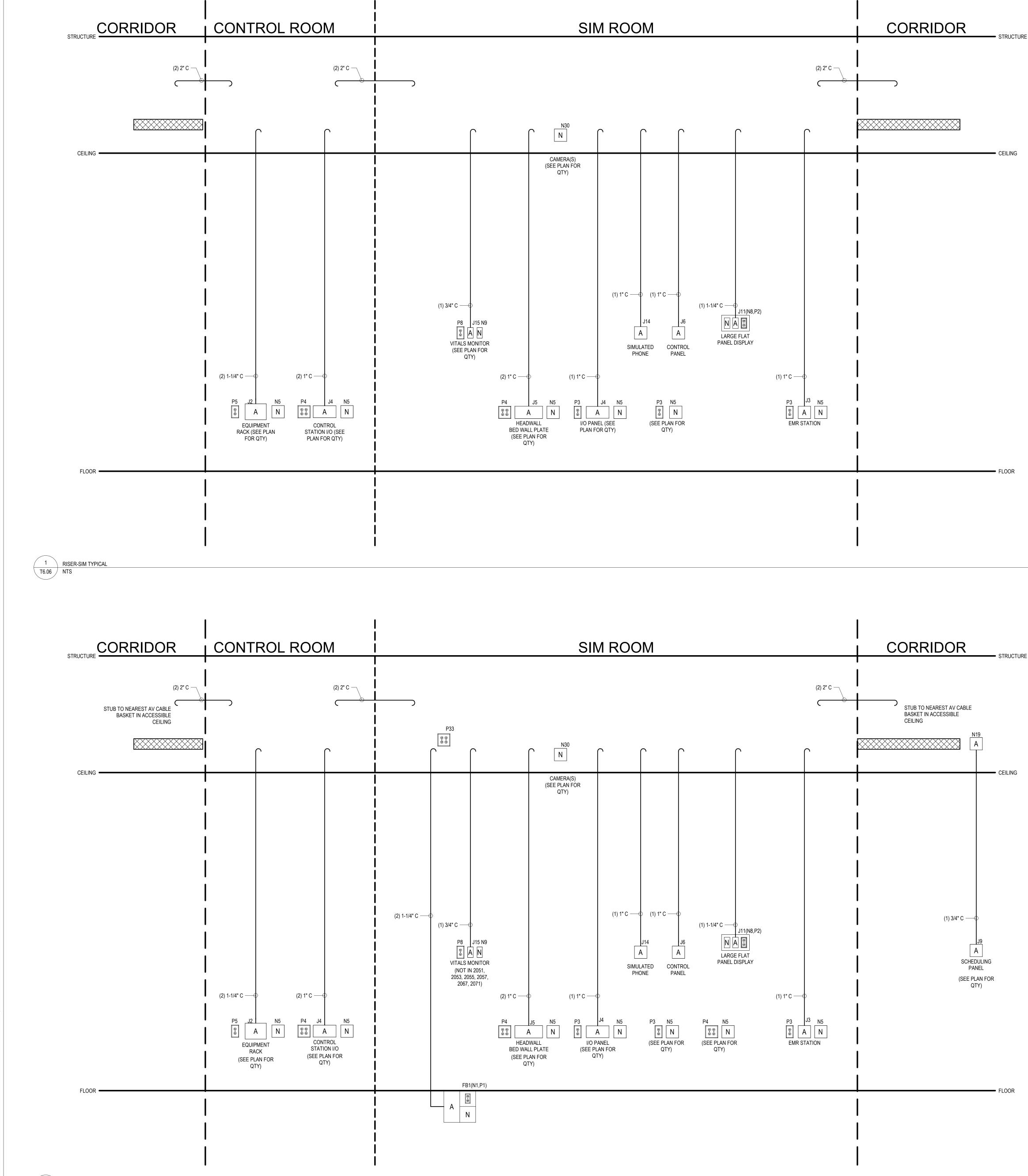
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TECHNOLOGY INFRASTRUCTURE **ROOM RISERS** 



2 RISER-SIM OR TYPICAL T6.06 NTS

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700 WATERFRONT DRIVE SUITE 200 PITTSBURGH, PA 15222 412.323.8580

RISER SYMBOLS LEGEND NA C AN AUDIOVISUAL DEVICE WHICH CONTAINS A POWER RECEPTACLE AND A TELECOM OUTLET **A** AUDIOVISUAL JUNCTION BOX **N** TELECOM JUNCTION BOX P CONDUIT STUB ✓ FLEXIBLE CONDUIT RUN CABLE BASKET - SEE PLANS FOR SIZE <u>RISER DRAWINGS AND CONDUIT ROUTING</u> THE RISER DRAWINGS ARE DIAGRAMMATIC IN NATURE. CONDUIT PATHS SHOWN ON THE RISERS ARE INTENDED TO CONVEY REQUIRED DEVICE INTERCONNECTION AND SIZES ONLY. ACTUAL CONDUIT ROUTING IN THE FIELD MAY BE REQUIRED TO FOLLOW ROUTING CONTRARY TO THAT IMPLIED BY THE RISER. IN ALL CASES, CONDUIT ROUTES SHALL FOLLOW THE SHORTEST PATH POSSIBLE WHILE COMPLYING WITH INDUSTRY STANDARDS AND BEST PRACTICES. CONDUIT AND PULL BOXES ALL CONDUIT RUNS SHALL BE STEEL, THIN-WALL ELECTRICAL METALLIC TUBING (EMT) UNLESS OTHERWISE INDICATED. CONDUIT SIZES AND INTERCONNECTIONS SHALL BE AS INDICATED ON THE RISER DRAWINGS. THE CONTRACTOR SHALL PROVIDE A PULL BOX IMMEDIATELY BEFORE AND AFTER ANY CONDUIT RUN SECTION CONTAINING TWO NINETY-DEGREE TURNS OR ANY SINGLE RUN EXCEEDING FIFTY FEET IN LENGTH REGARDLESS OF WHETHER PULL BOXES ARE SHOWN ON THE DRAWINGS OR NOT. <u>CONDUIT STUBS</u> TERMINATE CONDUIT STUBS INTO CLEAR SPACE 18 INCHES ABOVE ACCESSIBLE CEILING IN ROOM INDICATED. NYLON BUSHINGS PROVIDE A NYLON BUSHING ON ALL CONDUIT STUBS AND NON-TERMINATING CONDUIT ENDS TO PROTECT WIRE PULLS. PULL STRINGS ALL CONDUIT RUNS SHALL BE PROVIDED WITH A PULL STRING. POWER DESIGNATORS AND RECEPTACLES POWER DESIGNATORS AND RECEPTACLES WHICH APPEAR ON THE RISER DRAWINGS ARE SHOWN TO INDICATE THEIR REQUIRED ADJACENCY TO AUDIOVISUAL COMPONENTS. REFER TO THE TECHNOLOGY INFRASTRUCTURE PLANS, ELEVATIONS AND DETAILS FOR ADDITIONAL GUIDANCE REGARDING TECHNOLOGY POWER LOCATIONS. REFER TO THE ELECTRICAL DRAWINGS FOR COMPLETE POWER LAYOUTS AND CIRCUITING DETAILS. TELECOM OUTLETS JUNCTION BOXES FOR TELECOM OUTLETS WHICH APPEAR ON THE RISER DRAWINGS

ARE SHOWN TO INDICATE THEIR REQUIRED ADJACENCY TO AUDIOVISUAL COMPONENTS. REFER TO THE TECHNOLOGY INFRASTRUCTURE PLANS, ELEVATIONS AND DETAILS FOR A COMPLETE LAYOUT OF TELECOM JUNCTION BOXES FOR EACH SPACE. CONDUIT MUST BE PROVIDED FOR ALL TELECOM JUNCTION BOXES. SEE THE TELECOMMUNICATIONS TYPICAL CONDUIT RISER" FOR CONDUIT REQUIREMENTS

FOR EACH TELECOM JUNCTION BOX TYPE.

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**BID DOCUMENTS** 

REVISIONS

THE SEXTANT GROUP, INC.

**SEXTANT** GROUP

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# **REPURPOSING INTERIM HOSPITAL** LOUISIANA STATE UNIVERSITY

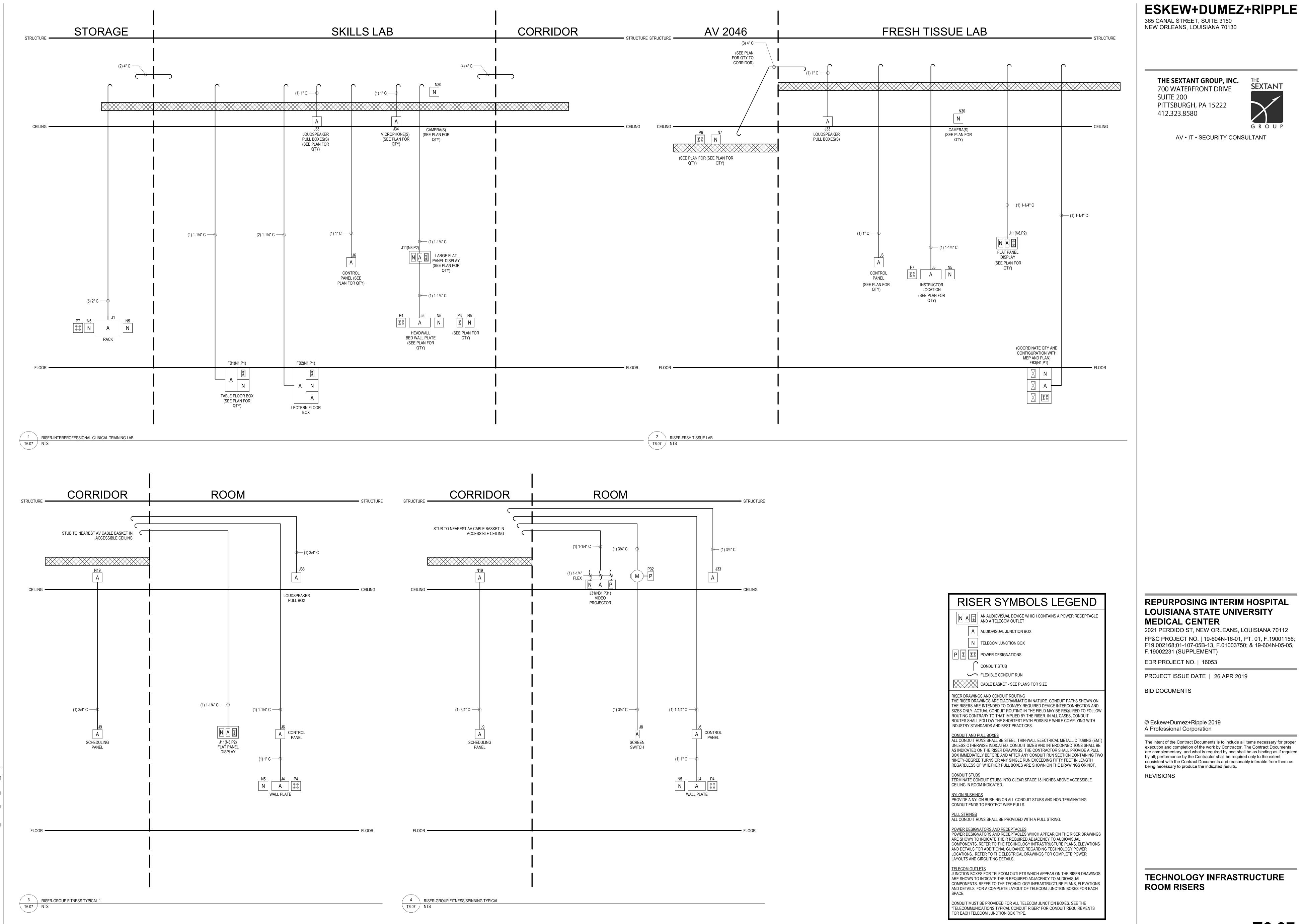
2021 PERDIDO ST, NEW ORLEANS, LOUISIANA 70112 FP&C PROJECT NO. | 19-604N-16-01, PT. 01, F.19001156; F19.002168;01-107-05B-13, F.01003750; & 19-604N-05-05, F.19002231 (SUPPLEMENT)

PROJECT ISSUE DATE | 26 APR 2019

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TECHNOLOGY INFRASTRUCTURE **ROOM RISERS** 



N A       AN AUDIOVISUAL DEVICE WHICH CONTAINS A POWER RECEPTACLE AND A TELECOM OUTLET         A       AUDIOVISUAL JUNCTION BOX         N       TELECOM JUNCTION BOX         P       Image: Image
N       TELECOM JUNCTION BOX         P       Image: I
P       POWER DESIGNATIONS         CONDUIT STUB         FLEXIBLE CONDUIT RUN         CABLE BASKET - SEE PLANS FOR SIZE         RISER DRAWINGS AND CONDUIT ROUTING         THE RISER DRAWINGS ARE DIAGRAMMATIC IN NATURE. CONDUIT PATHS SHOWN ON         THE RISERS ARE INTENDED TO CONVEY REQUIRED DEVICE INTERCONNECTION AND         SIZES ONLY. ACTUAL CONDUIT ROUTING IN THE FIELD MAY BE REQUIRED TO FOLLOW         ROUTING CONTRARY TO THAT IMPLIED BY THE RISER. IN ALL CASES, CONDUIT
CONDUIT STUB FLEXIBLE CONDUIT RUN CABLE BASKET - SEE PLANS FOR SIZE CABLE BASKET - SEE PLANS FOR SIZE CABLE BASKET - SEE PLANS FOR SIZE RISER DRAWINGS AND CONDUIT ROUTING THE RISER DRAWINGS ARE DIAGRAMMATIC IN NATURE. CONDUIT PATHS SHOWN ON THE RISERS ARE INTENDED TO CONVEY REQUIRED DEVICE INTERCONNECTION AND SIZES ONLY. ACTUAL CONDUIT ROUTING IN THE FIELD MAY BE REQUIRED TO FOLLOW ROUTING CONTRARY TO THAT IMPLIED BY THE RISER. IN ALL CASES, CONDUIT
Image: Construction of the second
CABLE BASKET - SEE PLANS FOR SIZE <u>RISER DRAWINGS AND CONDUIT ROUTING</u> THE RISER DRAWINGS ARE DIAGRAMMATIC IN NATURE. CONDUIT PATHS SHOWN ON THE RISERS ARE INTENDED TO CONVEY REQUIRED DEVICE INTERCONNECTION AND SIZES ONLY. ACTUAL CONDUIT ROUTING IN THE FIELD MAY BE REQUIRED TO FOLLOW ROUTING CONTRARY TO THAT IMPLIED BY THE RISER. IN ALL CASES, CONDUIT
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INDUSTRY STANDARDS AND BEST PRACTICES.
CONDUIT AND PULL BOXES ALL CONDUIT RUNS SHALL BE STEEL, THIN-WALL ELECTRICAL METALLIC TUBING (EMT) UNLESS OTHERWISE INDICATED. CONDUIT SIZES AND INTERCONNECTIONS SHALL BE AS INDICATED ON THE RISER DRAWINGS. THE CONTRACTOR SHALL PROVIDE A PULL BOX IMMEDIATELY BEFORE AND AFTER ANY CONDUIT RUN SECTION CONTAINING TWO NINETY-DEGREE TURNS OR ANY SINGLE RUN EXCEEDING FIFTY FEET IN LENGTH REGARDLESS OF WHETHER PULL BOXES ARE SHOWN ON THE DRAWINGS OR NOT.
<u>CONDUIT STUBS</u> TERMINATE CONDUIT STUBS INTO CLEAR SPACE 18 INCHES ABOVE ACCESSIBLE CEILING IN ROOM INDICATED.
NYLON BUSHINGS PROVIDE A NYLON BUSHING ON ALL CONDUIT STUBS AND NON-TERMINATING CONDUIT ENDS TO PROTECT WIRE PULLS.
<u>PULL STRINGS</u> ALL CONDUIT RUNS SHALL BE PROVIDED WITH A PULL STRING.
POWER DESIGNATORS AND RECEPTACLES POWER DESIGNATORS AND RECEPTACLES WHICH APPEAR ON THE RISER DRAWINGS ARE SHOWN TO INDICATE THEIR REQUIRED ADJACENCY TO AUDIOVISUAL COMPONENTS. REFER TO THE TECHNOLOGY INFRASTRUCTURE PLANS, ELEVATIONS AND DETAILS FOR ADDITIONAL GUIDANCE REGARDING TECHNOLOGY POWER LOCATIONS. REFER TO THE ELECTRICAL DRAWINGS FOR COMPLETE POWER LAYOUTS AND CIRCUITING DETAILS.
TELECOM OUTLETS JUNCTION BOXES FOR TELECOM OUTLETS WHICH APPEAR ON THE RISER DRAWINGS ARE SHOWN TO INDICATE THEIR REQUIRED ADJACENCY TO AUDIOVISUAL COMPONENTS. REFER TO THE TECHNOLOGY INFRASTRUCTURE PLANS, ELEVATIONS AND DETAILS FOR A COMPLETE LAYOUT OF TELECOM JUNCTION BOXES FOR EACH SPACE.
CONDUIT MUST BE PROVIDED FOR ALL TELECOM JUNCTION BOXES. SEE THE "TELECOMMUNICATIONS TYPICAL CONDUIT RISER" FOR CONDUIT REQUIREMENTS FOR EACH TELECOM JUNCTION BOX TYPE.

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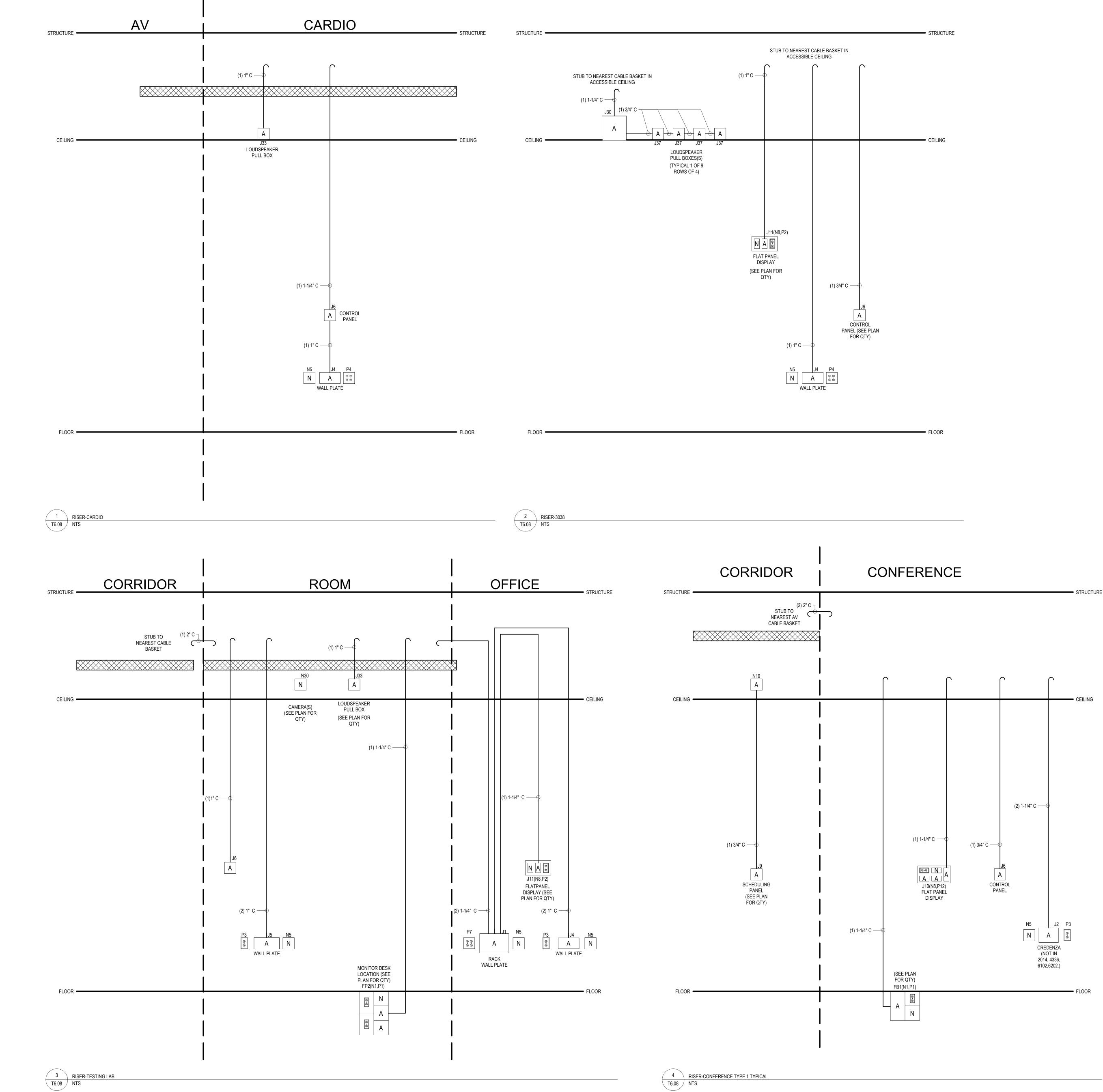
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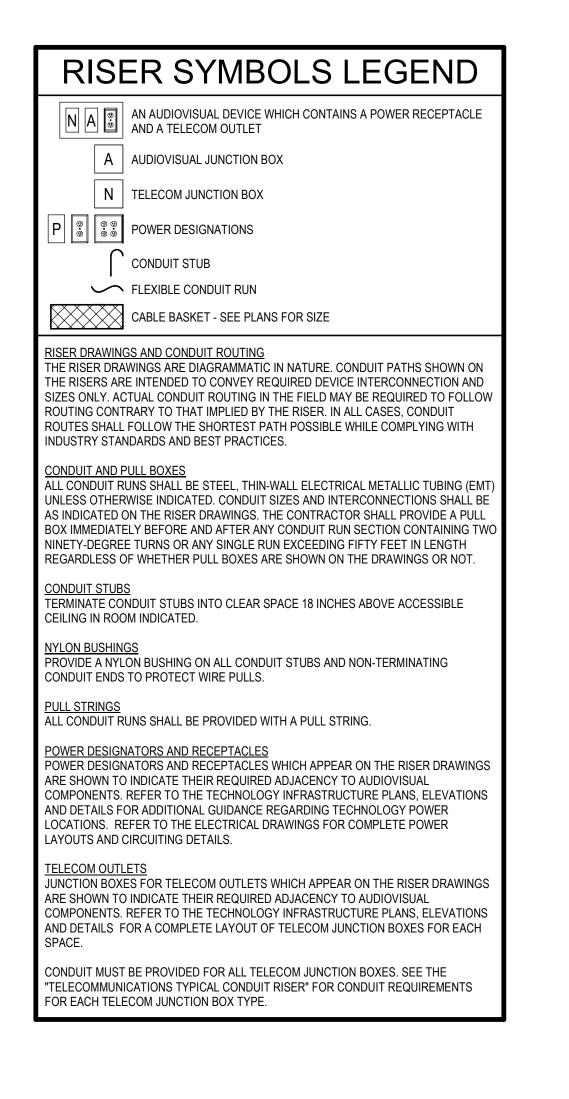
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**TECHNOLOGY INFRASTRUCTURE ROOM RISERS** 



700 WATERFRONT DRIVE SUITE 200 PITTSBURGH, PA 15222 412.323.8580

CEILING



EDR PROJECT NO. | 16053

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THE SEXTANT GROUP, INC.

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## **REPURPOSING INTERIM HOSPITAL** LOUISIANA STATE UNIVERSITY MEDICAL CENTER

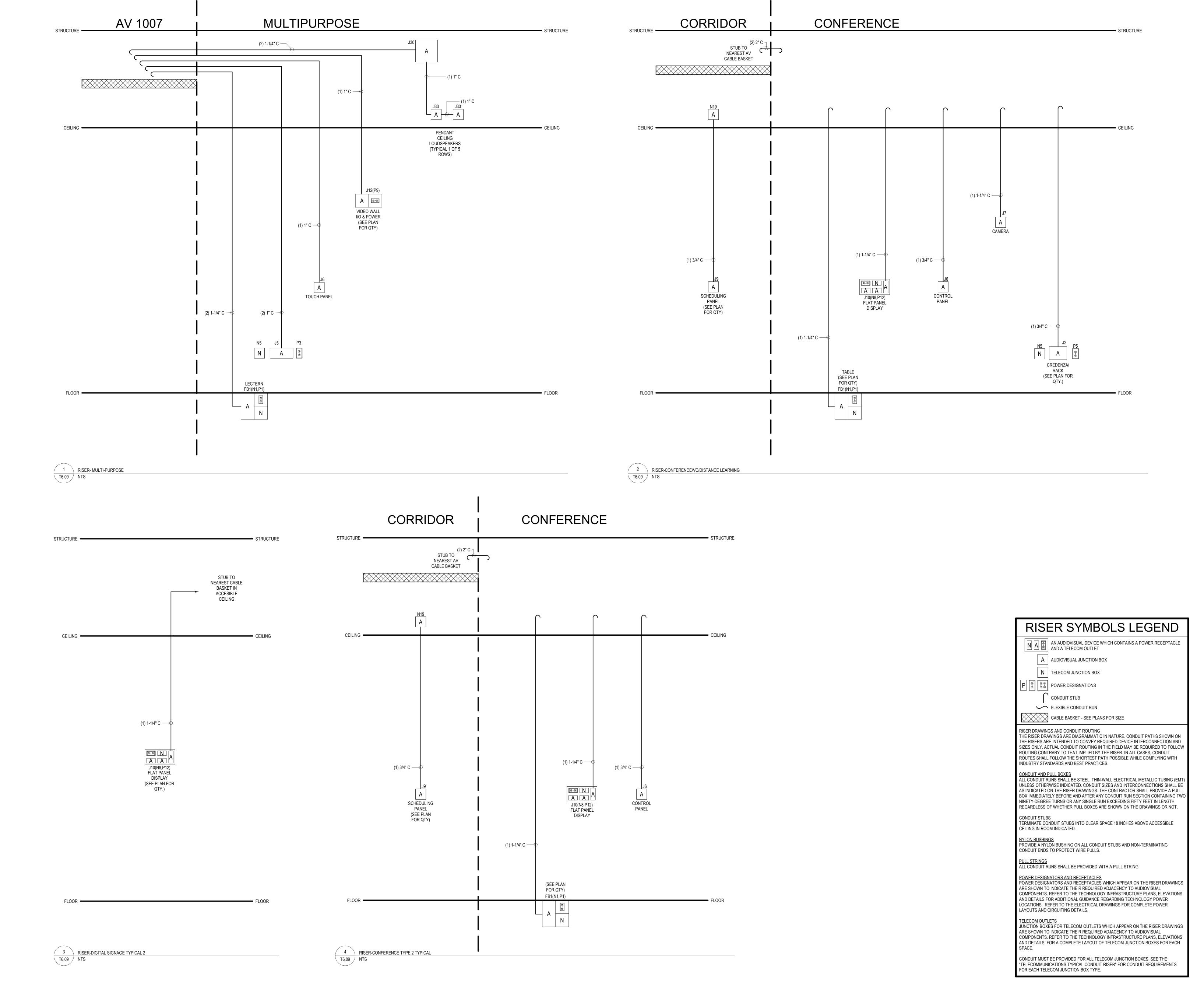
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TECHNOLOGY INFRASTRUCTURE **ROOM RISERS** 



MEDICAL CENTER

EDR PROJECT NO. | 16053

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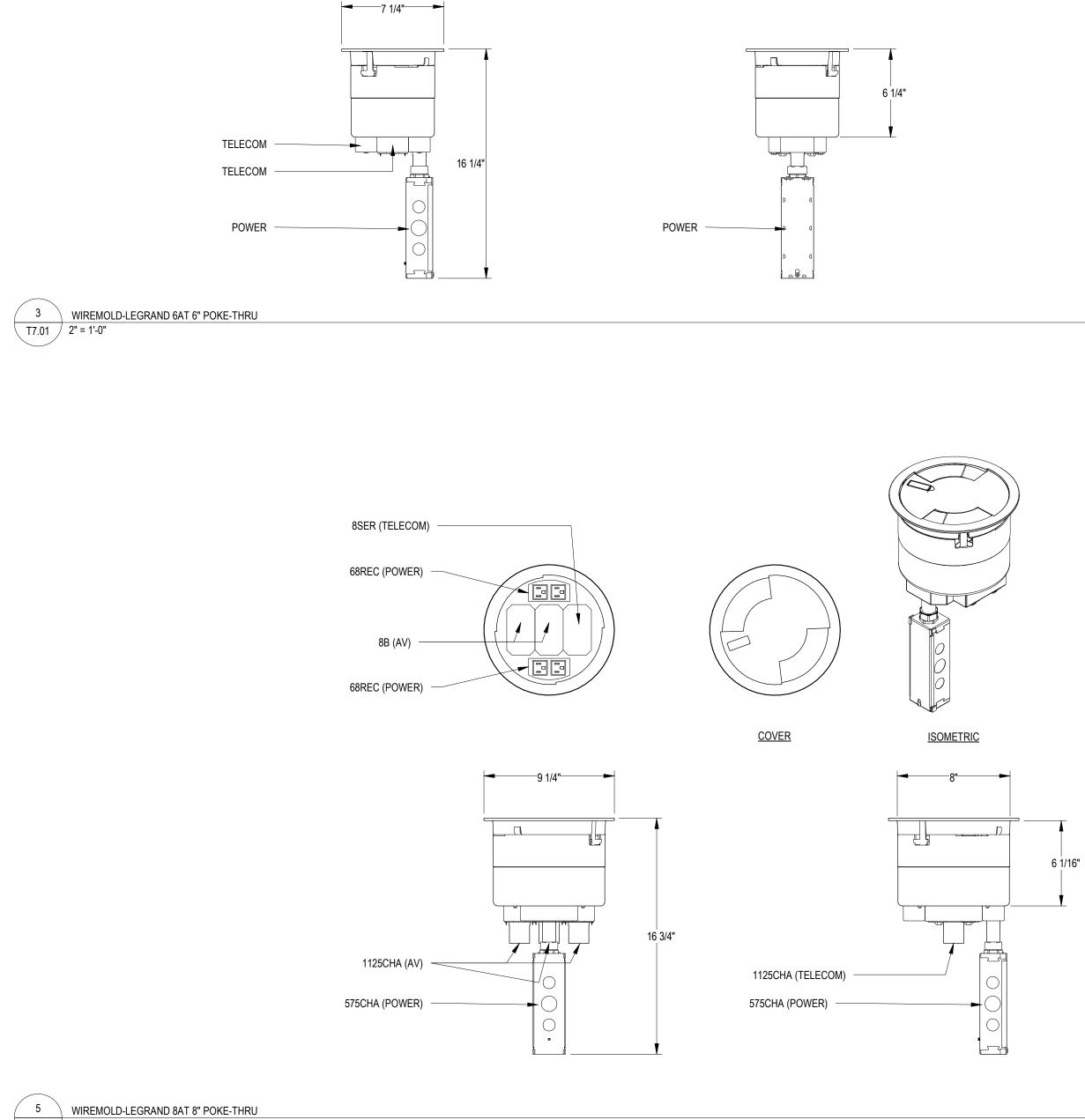
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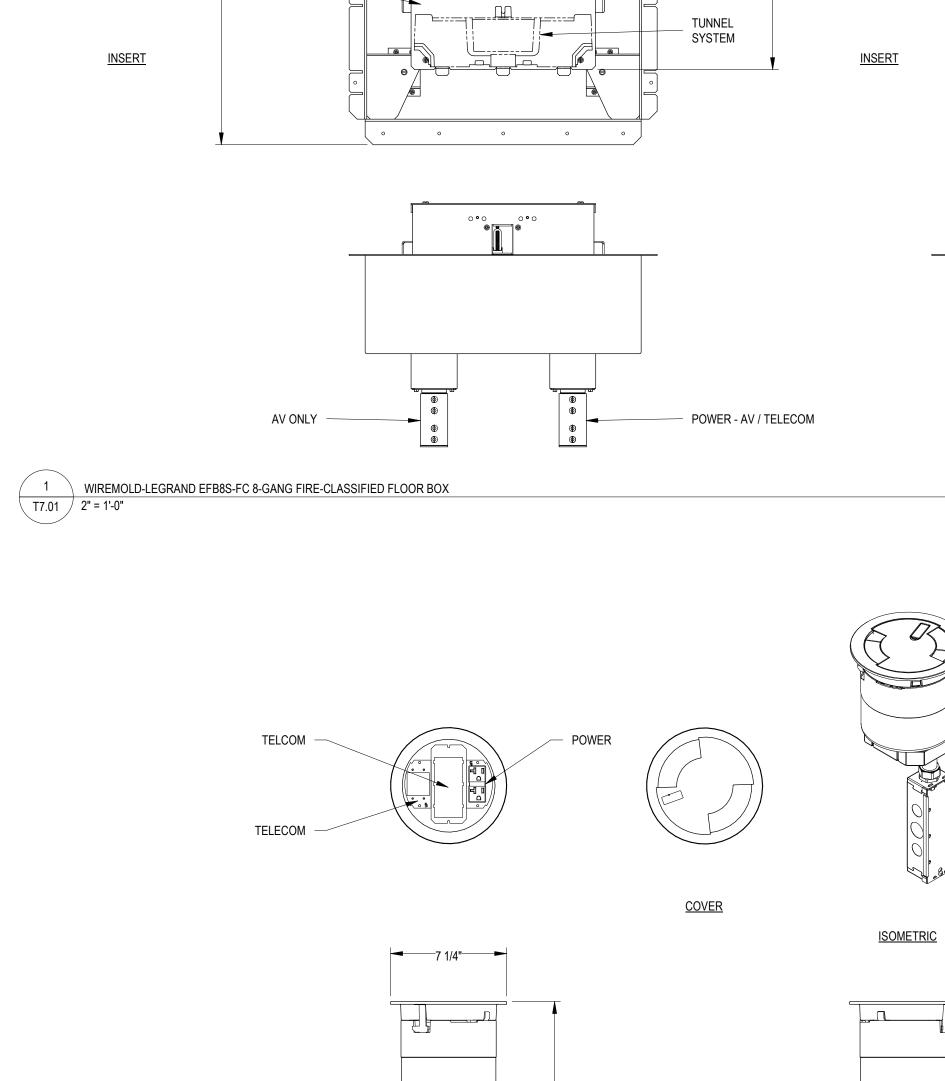
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TECHNOLOGY INFRASTRUCTURE **ROOM RISERS** 







—19 1/4"—

- POWER

TELECOM

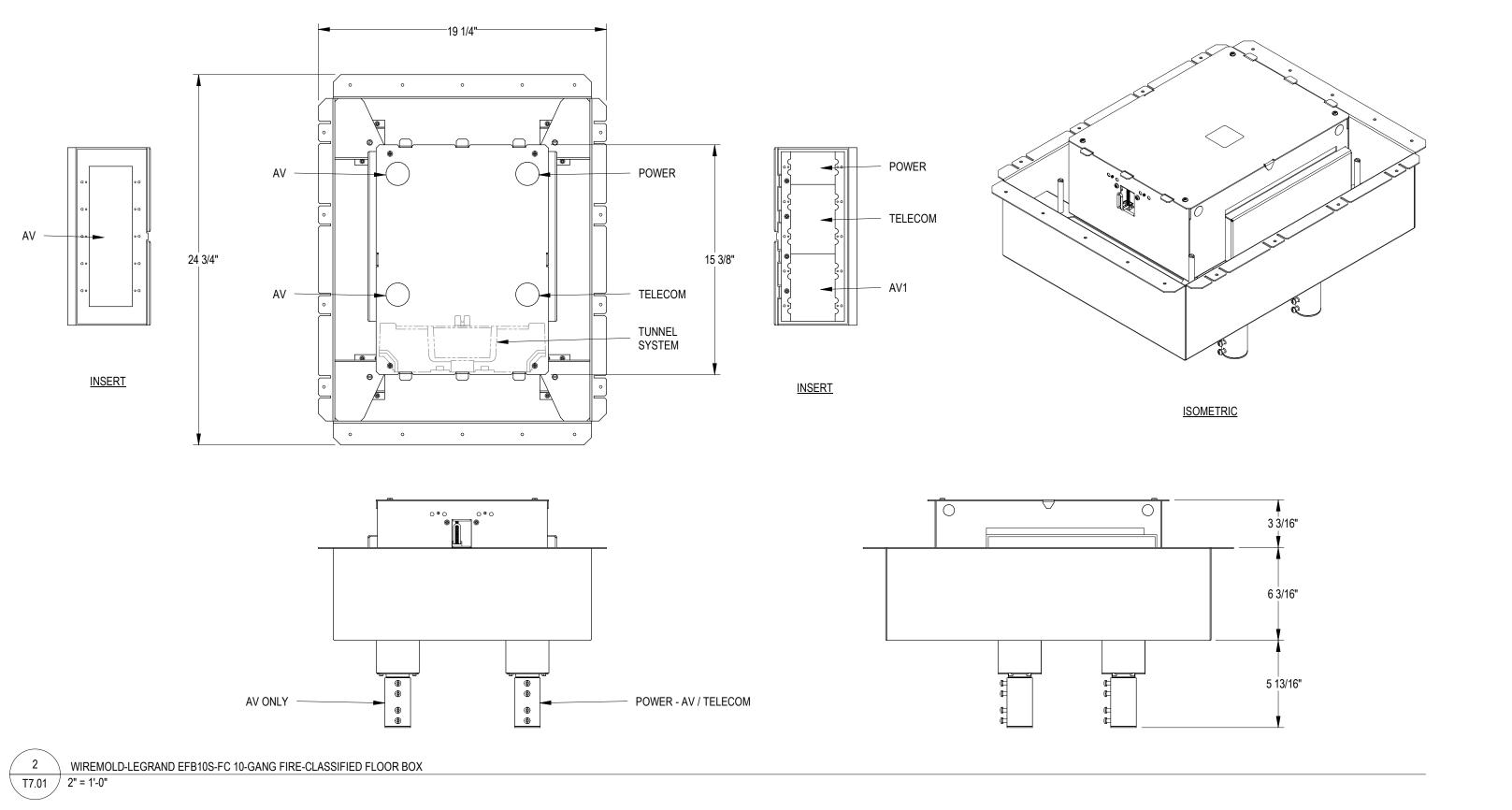
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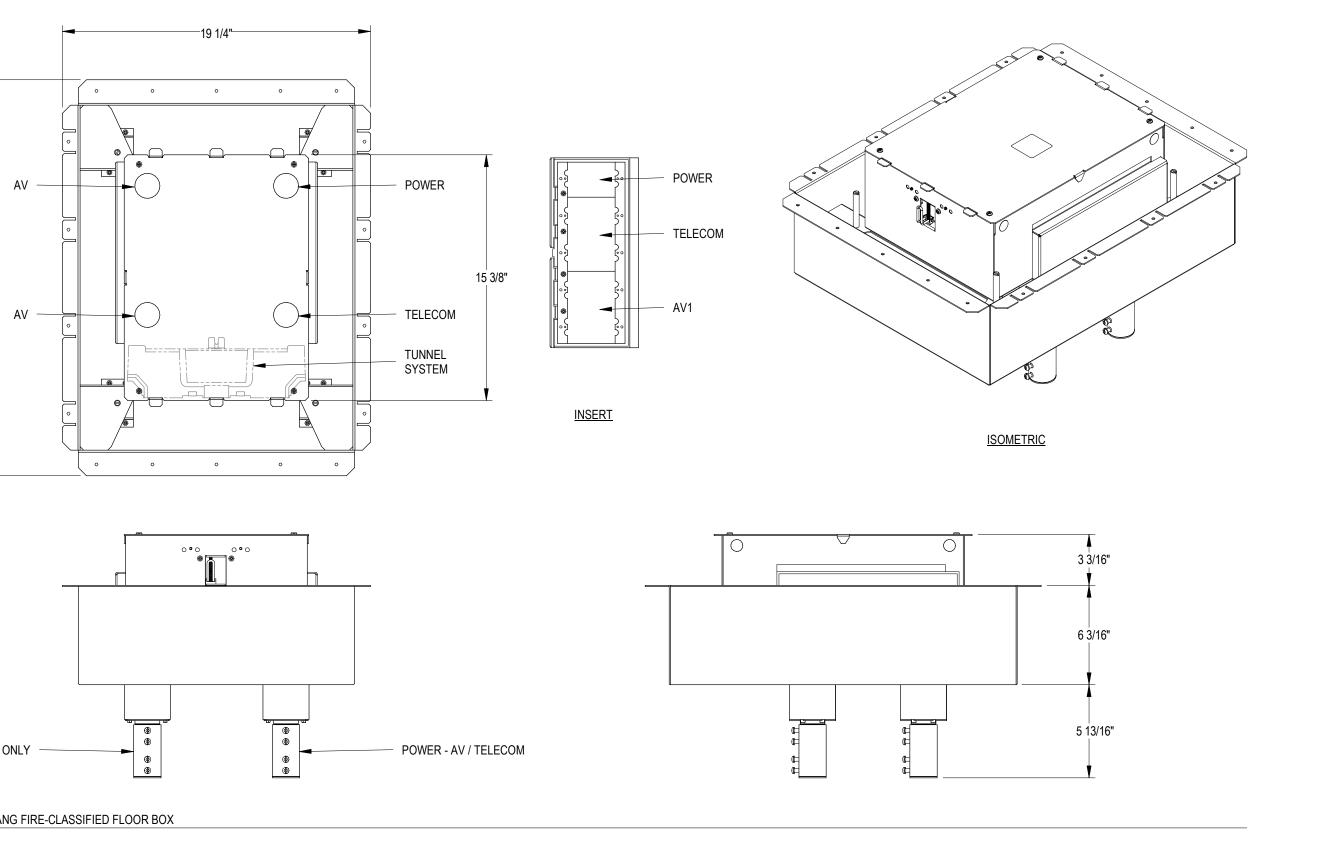
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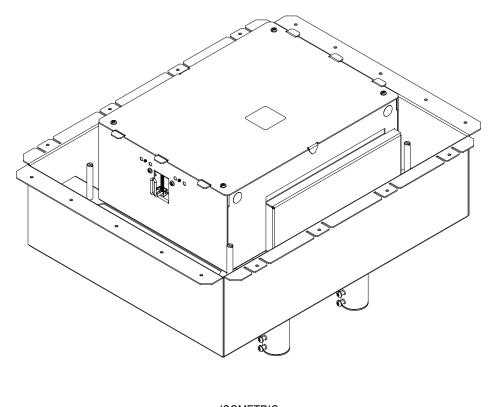
AV

24 3/4"

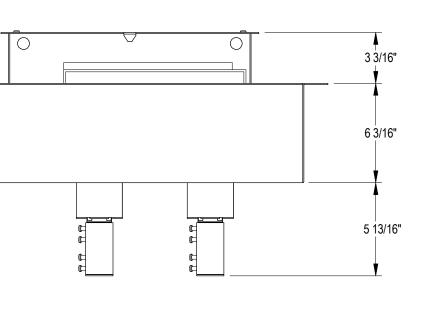
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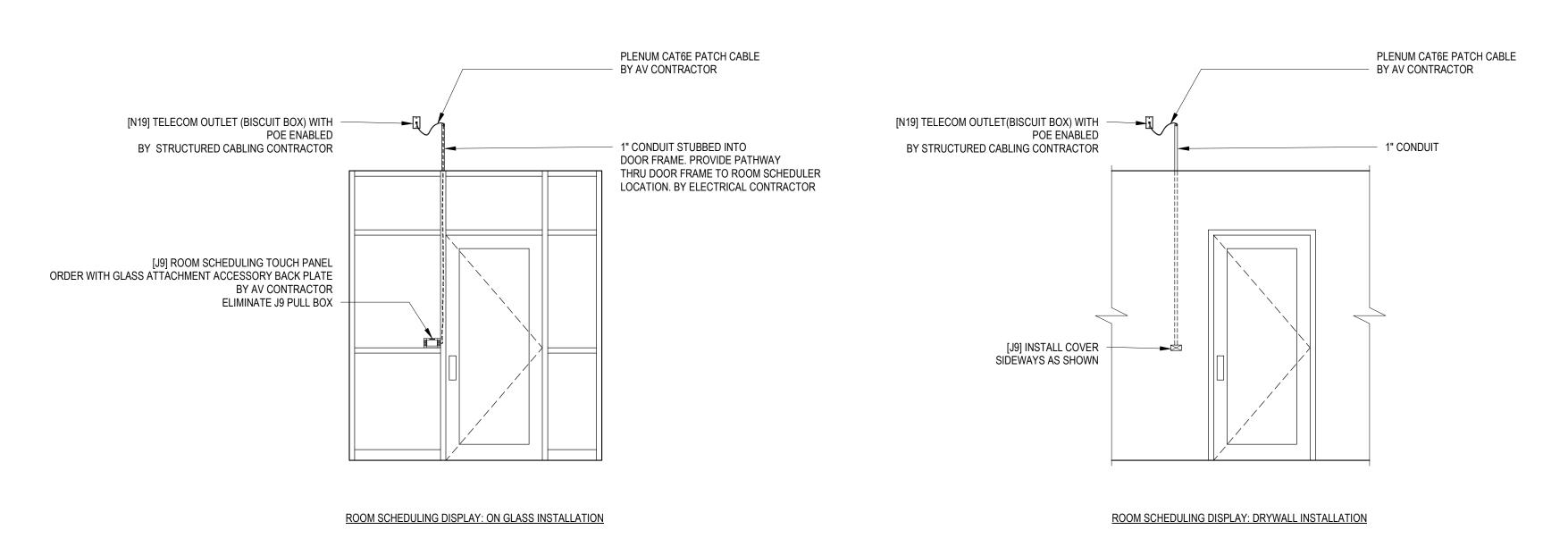








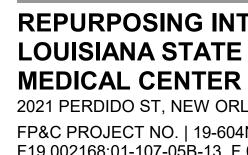






FOR AV CONTRACTOR REFERENCE ONLY

ESKEW+DUMEZ+RIPPLE 365 CANAL STREET, SUITE 3150 NEW ORLEANS, LOUISIANA 70130



EDR PROJECT NO. | 16053

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REVISIONS



THE SEXTANT GROUP, INC. 700 WATERFRONT DRIVE SUITE 200 PITTSBURGH, PA 15222

412.323.8580



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# **REPURPOSING INTERIM HOSPITAL** LOUISIANA STATE UNIVERSITY

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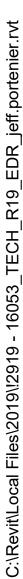
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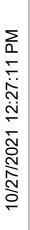
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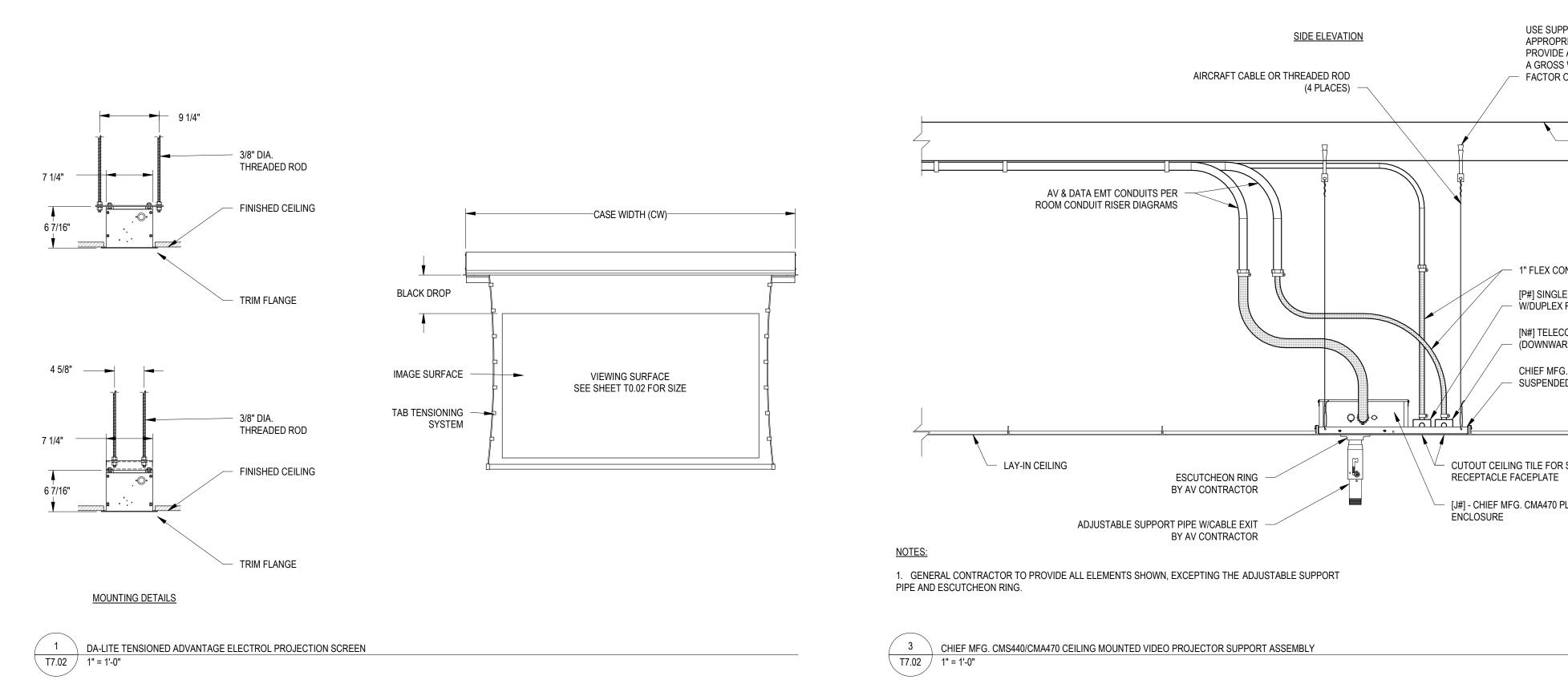
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**TECHNOLOGY INFRASTRUCTURE** 

**T7.01** 







# 412.323.8580

MEDICAL CENTER

EDR PROJECT NO. | 16053

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REVISIONS

TECHNOLOGY INFRASTRUCTURE DETAILS

**T7.02** 

USE SUPPORT AND ANCHORING SYSTEMS APPROPRIATE FOR STRUCTURAL CONDITIONS. PROVIDE A SUPPORT SYSTEM ADEQUATE FOR A GROSS WEIGHT OF 50 LBS PLUS A SAFETY — FACTOR OF AT LEAST FIVE. - HARD DECK

1" FLEX CONDUIT (36" LENGTH MIN)

[P#] SINGLE-GANG ELECTRICAL WORKBOX W/DUPLEX RECEPTACLE (DOWNWARD FACING)

[N#] TELECOM OUTLET JBOX (DOWNWARD FACING)

CHIEF MFG. CMS440 SPEED-CONNECT SUSPENDED CEILING PLATE

- CUTOUT CEILING TILE FOR SINGLE-GANG

[J#] - CHIEF MFG. CMA470 PLENUM RATED ELECTRICAL ENCLOSURE

THE SEXTANT GROUP, INC. 700 WATERFRONT DRIVE SUITE 200 PITTSBURGH, PA 15222



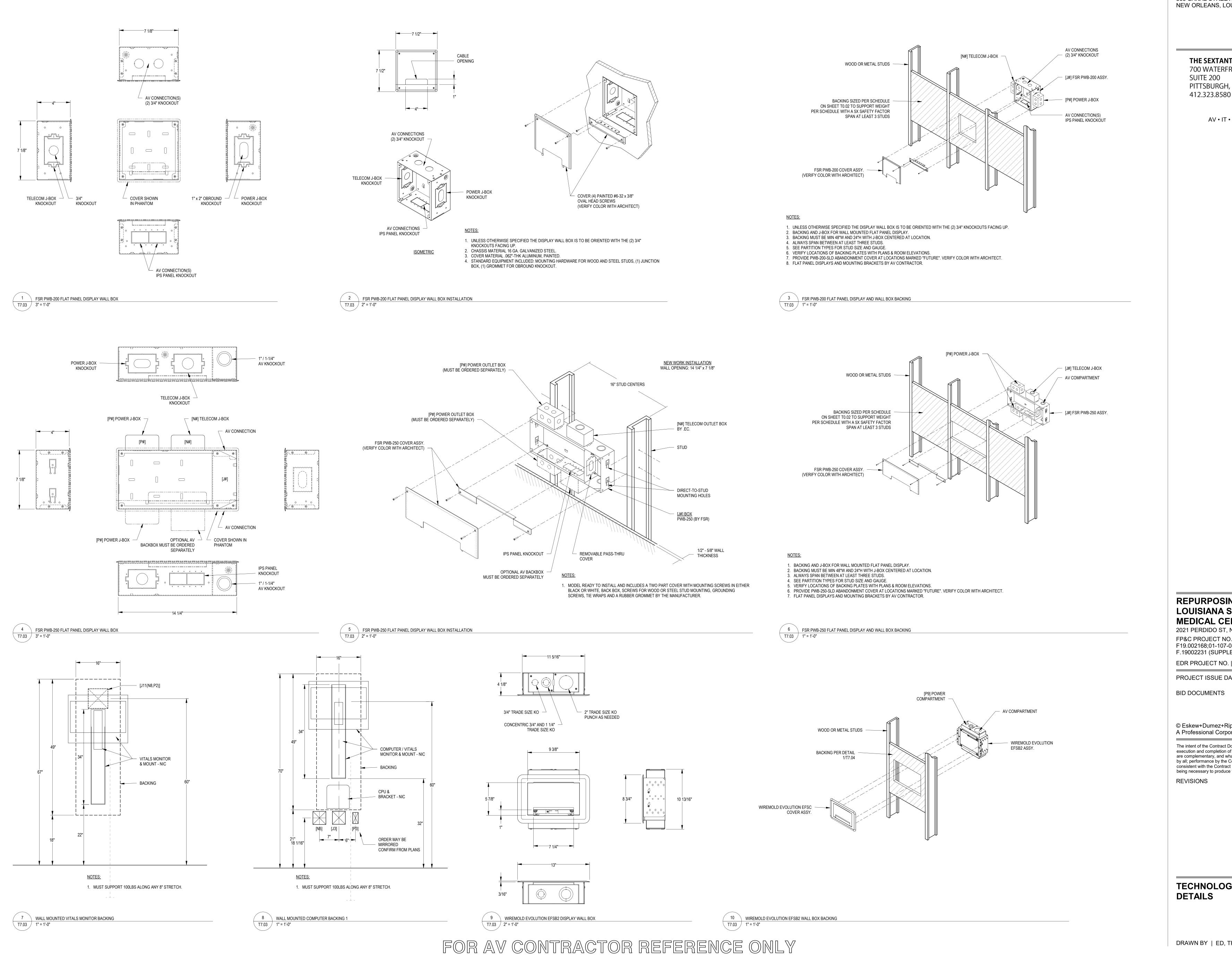
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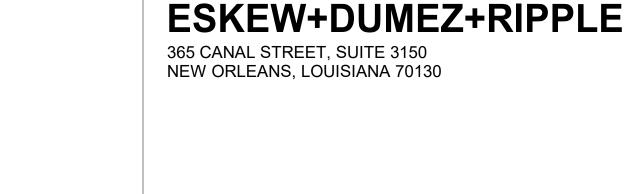
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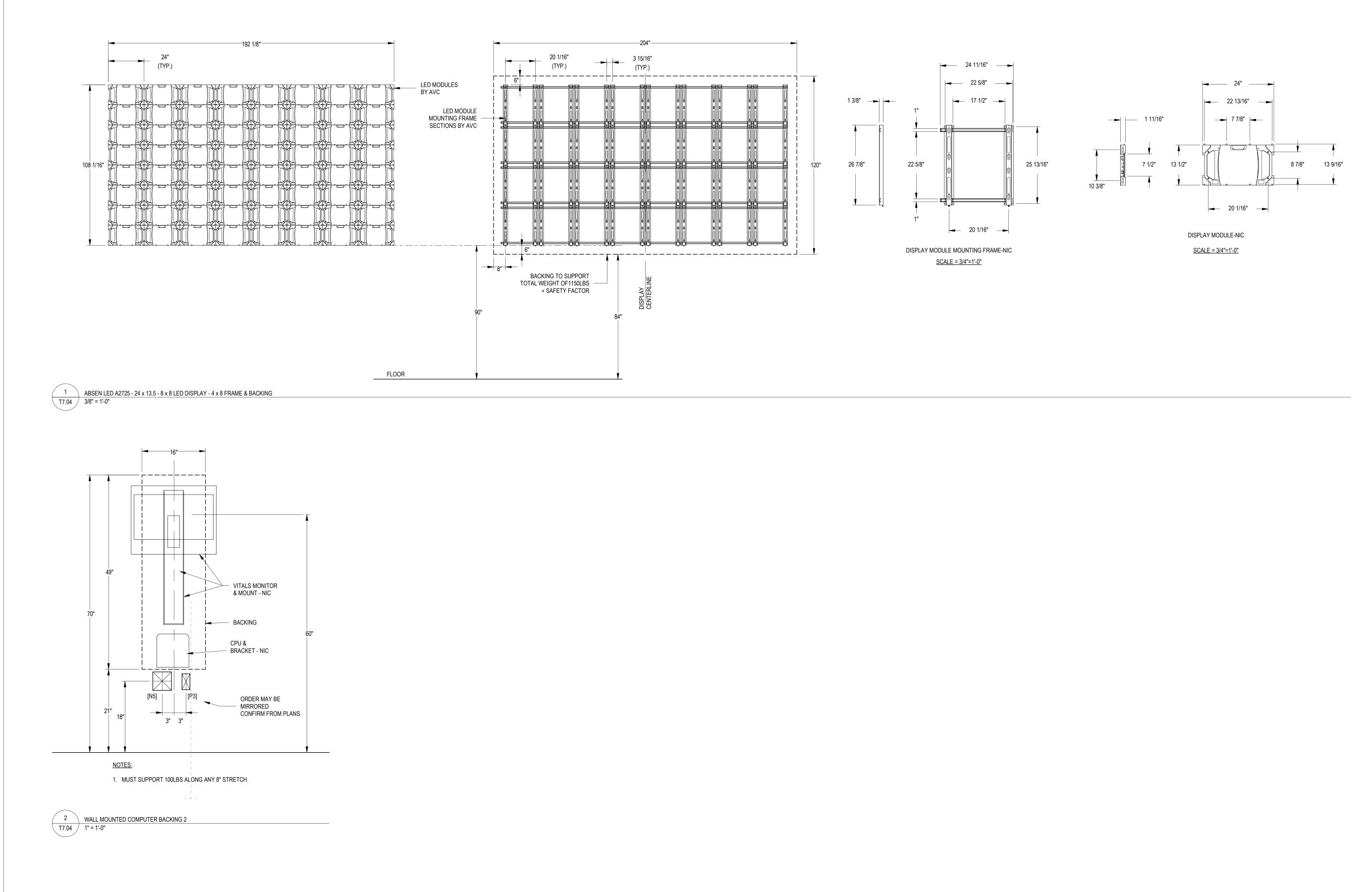
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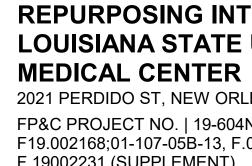
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**TECHNOLOGY INFRASTRUCTURE** 

**T7.03** 







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TECHNOLOGY INFRASTRUCTURE

**T7.04**