

MARC PHASE 1 OFFICE RENOVATION



600 BROADWAY BLVD STE 200, KANSAS CITY, MO 64105

OWNER
MID-AMERICA REGIONAL COUNCIL
600 BROADWAY BLVD STE 200
KANSAS CITY, MO 64105

A/C	AIR CONDITIONING	F		M		S	
AD	AREA DRAIN	F/	FACE OF (SEE OTHER WORD)	M	METER	SA	SUPPLY AIR
ADA	AMERICANS WITH DISABILITIES ACT	FA	FIRE ALARM	MAINT	MAINTENANCE	SAFB	SOUND ATTENUATING FIRE BLANKET / BATT
ADAAG	ADA ACCESSIBILITY GUIDELINES	FD	FLOOR DRAIN	MAX	MAXIMUM	SAN	SANITARY
ADDL	ADDITIONAL	FDC	FIRE DEPARTMENT CONNECTION	MCC	MOTOR CONTROL CENTER	SCHED	SCHEDULE
ADJ	ADJUSTABLE	FDN	FOUNDATION	MDF	MEDIUM DENSITY FIBERBOARD	SD	STORM DRAIN
AFF	ABOVE FINISH FLOOR	FE	FIRE EXTINGUISHER	MDO	MEDIUM DENSITY OVERLAY	SECT	SECTION
ALT	ALTERNATE	FEC	FIRE EXTINGUISHER CABINET	MEO	MEDIUM DENSITY OVERLAY	SF	SQUARE FEET / FOOT
ALUM	ALUMINUM	FEQ	FOOD EQUIPMENT	MECH	MECHANICAL	SHR	SHOWER
APPROX	APPROXIMATE	FF	FINISH FLOOR	MEP	MECHANICAL, ELECTRICAL, PLUMBING	SHT	SHEET
ARCH	ARCHITECTURAL	FF&E	FURNITURE, FIXTURES & EQUIPMENT	MER	MECHANICAL EQUIPMENT ROOM	SIM	SIMILAR
AV	AUDIO VISUAL	FHC	FIRE HOSE CABINET	MEZZ	MEZZANINE	SM	SQUARE METER
		FIN	FINISH	MFR	MANUFACTURER	SMS	SHEET METAL SCREW
		FL	FLOOR	MH	MANHOLE	SP	STANDPIPE
B		FL	FLOOR	MIN	MINIMUM	SPEC	SPECIFICATION
B/	BOTTOM OF (SEE OTHER WORD)	FLOUR	FLUORESCENT	MISC	MISCELLANEOUS	SPEAK	SPEAKER
BLDG	BUILDING	FO	FINISHED OPENING	MM	MILLIMETER	SPKR	SPRINKLER
BSMT	BASEMENT	FRTW	FIRE RETARDANT TREATED WOOD	MTD	MOUNTED	SQ	SQUARE
		FS	FIRE STOPPING	MTL	METAL	SST	STAINLESS STEEL
		FT	FEET/FOOT			ST	STONE
C		FTG	FOOTING			STD	STANDARD
CAB	CABINET	FURN	FURNITURE	N		STL	STEEL
CAT	CATEGORY			N	NEWTON	STMS	SELF-TAP SHEET METAL SCREW
CB	CATCH BASIN			N/A	NOT APPLICABLE	STR	STRUCTURAL
CI	CAST IRON	G		NC	NOISE CRITERIA	SUSP	SUSPENDED
CIP	CAST-IN-PLACE	GA	GAUGE / GAGE	NIC	NOT IN CONTRACT	SYMM	SYMMETRICAL
CJ	CONTROL JOINT / CONSTRUCTION JOINT	GALV	GALVANIZED	NO	NUMBER		
CL	CENTER LINE	GC	GENERAL CONTRACTOR, GENERAL CONTRACT	NOM	NOMINAL		
CLG	CEILING	GFRG	GLASS FIBER REINFORCED CONCRETE	NPS	NOMINAL PIPE SIZE	T	
CLR	CLEAR	GFRG	GLASS FIBER REINFORCED GYPSUM	NRC	NOISE REDUCTION COEFFICIENT	T&G	TONGUE AND GROOVE
CM	CENTIMETER	GFRP	GLASS FIBER REINFORCED PLASTIC	NTS	NOT TO SCALE	T/	TOP OF (SEE OTHER WORD)
CMB	CEMENT BOARD	GR	GRADE			TEL	TELEPHONE OR TELECOM
CMU	CONCRETE MASONRY UNIT	GWB	GYPSUM WALLBOARD			TEMP	TEMPERATURE
CO	CLEANOUT			O		TGB	TOGGLE BOLT
COL	COLUMN	H		OA	OUTSIDE AIR	THK	THICKNESS
CONC	CONCRETE	HB	HOSE BIBB	OCEW	ON CENTER EACH WAY	TP	TOILET PARTITION
CONT	CONTINUOUS	HC	HANDICAPPED	OD	OUTSIDE DIAMETER/DIMENSION	TV	TELEVISION
COORD	COORDINATE	HM	HOLLOW METAL	OFCH	OWNER FURNISHED, CONTRACTOR INSTALLED	TYP	TYPICAL
CORR	CORRIDOR	HO	HOLD-OPEN	OFCH	OWNER FURNISHED, CONTRACTOR INSTALLED		
CS	CONCRETE SEALER	HORIZ	HORIZONTAL	OH	OVER HEAD	U	
CTR	CENTER	HP	HIGH POINT	OPH	OPPOSITE HAND	UL	UNDERWRITERS LABORATORY
		HR	HOUR	OPNG	OPENING	UON	UNLESS OTHERWISE NOTED
		HRC	HOSE REEL CABINET	OPP	OPPOSITE		
D		HSS	HOLLOW STRUCTURAL SECTION	OXY	OXYGEN	V	
DB	DECIBEL	HT	HEIGHT			VERT	VERTICAL
DEG	DEGREE	HVAC	HEATING, VENTILATING, AIR CONDITIONING	P		VEST	VESTIBULE
DEMO	DEMOLITION	HW	HOT WATER	PAF	POWER-ACTUATED FASTENER	VIF	VERIFY IN FIELD
DEPT	DEPARTMENT			PBD	PARTICLEBOARD		
DET	DETAIL	I		PD	PERIMETER DRAIN	W	
DF	DRINKING FOUNTAIN	ICB	INTEGRAL COVE BASE	PERF	PERFORATED	W/	WITH
DIA	DIAMETER	ICC	INTERNATIONAL CODE COUNCIL	PL	PLATE	WO	WITHOUT
DIFF	DIFFUSER	ID	INSIDE DIAMETER / DIMENSION	PLBG	PLUMBING	WC	WATER CLOSET
DIM	DIMENSION	IN	INCH	PLF	POUNDS PER LINEAR FOOT	WDS	WOOD SCREW
DL	DEAD LOAD	INFO	INFORMATION	PR	PAIR	WP	WORK POINT
DN	DOWN	INT	INTERIOR	PREFAB	PREFABRICATED	WT	WEIGHT
DR	DOOR	INV	INVERT	PSF	POUNDS PER SQUARE FOOT	WWR	WELDED WIRE REINFORCING
DRN	DRAIN			PSI	POUNDS PER SQUARE INCH		
DW	DISHWASHER	J		PTD	PAINTED		
DWG	DRAWING	JC	JANITOR'S CLOSET	PTN	PARTITION		
		JST	JOIST				
		JT	JOINT	Q			
				QTY	QUANTITY		
E							
EA	EACH			R			
EFS	EXTERIOR FINISH SYSTEM	K		R	RADIUS		
EIFS	EXTERIOR INSULATION AND FINISH SYSTEM	K	KIP (1000 LB)	RA	RETURN AIR		
EL	ELEVATION	KG	KILOGRAM	RCP	REFLECTED CEILING PLAN		
ELEC	ELECTRICAL	KIT	KITCHEN	RD	ROOF DRAIN		
EMERG	EMERGENCY			RECPT	RECEPTACLE		
ENCL	ENCLOSURE	L		REF	REFERENCE		
EP	ELECTRICAL PANELBOARD	LAB	LABORATORY	REFR	REFRIGERATOR		
EQ	EQUAL	LAT	LATERAL	REINF	REINFORCED / REINFORCING		
EQUIP	EQUIPMENT	LAV	LAVATORY	REQ	REQUIRE / REQUIRED		
EW	ELECTRICAL WATER COOLER	LB	POUND	REV	REVISION / REVISED		
EXH	EXHAUST	LF	LINEAR FOOT	RM	ROOM		
EXIST	EXISTING	LL	LIVE LOAD	RO	ROUGH OPENING		
EXP	EXPANSION	LLH	LONG LEG HORIZONTAL				
EXT	EXTERIOR	LLV	LONG LEG VERTICAL				
		LP	LOW VOLTAGE				
		LT	LIGHT				
		LV	LOW VOLTAGE				

	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15
011000 - SUMMARY	DIVISION 01 – GENERAL REQUIREMENTS														
1. Project Identification: MARC Phase 1 Office Renovation	A. Project Location: 600 Broadway Blvd, Kansas City, MO 64105														
B. Owner: Mid-America Regional Council	a. Owner's Representative:														
	• Carol Gonzales, Director of Finance and Administration (MARC)														
	1. Contact Email: cgonzaless@MARC.ORG														
	• Eric Winebrenner, Public Safety Program Director (MARC)														
	1. Contact Email: ewinebrenner@MARC.ORG														
C. Architect: Odimo, LLC	a. Architect's Representative: Ashley Perrin														
	• Contact Email: aspen@odimo.us														
	• Contact Number: 816-708-1506														
D. MEP Engineer: BranchPattern	a. MEP Representative: Mark Stanbrook														
	• Contact Email: mark.s@branchpattern.com														
	• Contact Number: 913-254-3426														
2. Type of Contract: Project will be constructed under a single prime contract.															
3. Limits on Use of Site: Confine construction operations to work area as indicated within the Drawings. Coordinate access to adjacent spaces, if required to complete work as indicated in the Drawings, with the Owner and building management company.															
4. Driveways, Walkways, and Entrances: Keep driveways, parking garage, loading areas, and entrances serving premises clear and available to Owner, Owner's employees, other building tenants, and emergency vehicles at all times. Do not use these areas for parking or for storage of materials.															
5. Condition of Existing Building: Maintain portions of existing building affected by construction operations in a weatheright condition throughout construction period. Repair damage caused by construction operations.															
6. Condition of Existing Grounds: Maintain portions of existing grounds, landscaping, and hardscaping affected by construction operations throughout construction period. Repair damage caused by construction operations.															
7. Items to be Owner Provided, Owner Installed (OPO) and Owner Provided, Contractor Installed (OPCI) have been noted within the drawings.															
8. Owner Limited Occupancy of Completed Areas of Construction: Owner reserves the right to occupy and to place and install equipment in completed portions of the Work, prior to Substantial Completion of the Work, provided such occupancy does not interfere with completion of the Work. Such placement of equipment and limited occupancy shall not constitute acceptance of the total Work.															
9. Comply with restrictions on construction operations.															
10. Comply with limitations on use of public streets, work on public streets, rights of way, and other requirements of authorities having jurisdiction.															
11. On-Site Work Hours: Limit work in the existing building to standard work hours, excluding nights and weekends, to be coordinated as necessary by building management company and owner.															
12. Existing Utility Interruptions: Do not interrupt utilities serving facilities occupied by Owner or others unless permitted under the following conditions and then only after providing temporary utility services according to requirements indicated:															
	A. Notify Owner not less than two days in advance of proposed utility interruptions.														
	B. Obtain Owner's written permission before proceeding with utility interruptions.														
13. Noise, Vibration, Dust, and Odors: Coordinate operations that may result in high levels of noise and vibration, dust, odors, or other disruption to Owner occupancy with Owner.															
	A. Notify Owner not less than two days in advance of proposed disruptive operations.														
	B. Obtain Owner's written permission before proceeding with disruptive operations.														
14. Smoking and Controlled Substance Restrictions: Use of tobacco products, alcoholic beverages, and other controlled substances within the existing building is not permitted.															
15. The Contractor shall furnish all labor, materials, tools, equipment necessary for, and incidental to, construction of this project as indicated on Drawings and specified herein.															
16. Work shall include everything requisite and necessary to finish work properly, notwithstanding that every item of labor or materials or accessories required to make project complete may not be specifically mentioned.															
012200 - UNIT PRICES															
1. Unit prices include all necessary material, plus cost for delivery, installation, insurance, applicable taxes, overhead, and profit.															
2. Owner reserves the right to reject Contractor's measurement of work-in-place that involves use of established unit prices and to have this work measured, at Owner's expense, by an independent surveyor acceptable to Contractor.															
3. Schedule of Unit Prices:															
B. Unit Price No. 1: Cutting and patching gypsum board.															
	1. Description: Cutting of new or existing gypsum board up to 1 inches thick, removal, and subsequent patching of gypsum, in accordance with Section 092900 "Gypsum Board."														
	2. Unit of Measurement: 1 square foot of gypsum board removed.														
C. Unit Price No. 2: Installing Joint Sealants.															
	1. Description: Installation of joint sealants in accordance with Section 079200 "Joint Sealants."														
	2. Unit of Measurement: 1 linear foot of sealant.														
D. Unit Price No. 3: Installing Acoustical Joint Sealants.															
	1. Description: Installation of acoustical joint sealants in accordance with Section 079200 "Joint Sealants."														
	2. Unit of Measurement: 1 linear foot of sealant.														
012300 - ALTERNATES															
1. Coordination: Review or adjust affected adjacent work as necessary to completely integrate work of the alternate into Project.															
A. Include as part of each alternate, miscellaneous devices, accessory objects, and similar items incidental to or required for a complete installation whether or not indicated as part of alternate.															
B. Execute accepted alternates under the same conditions as other work of the Contract.															
C. Reference Drawings and associated Specification Sections for further information.															
2. Schedule of Alternates:															
A. Alternate No. 1: Rm 426 - Monitor Wall															
	a. Base Bid: Provide walls to deck (A3 wall type) surrounding Rm 427 Secure Server Room. Remove ceiling tile, protect, adjust grid, and reinstall tile (altering as needed) at full perimeter, interior and exterior, of new room.														
	b. Alternate: In lieu of Base Bid, provide wall (A3 wall type) with integrated monitor mount reinforcement, door, door hardware, and frame. Remove ceiling tile, protect, adjust grid, and reinstall tile (altering as needed) at full extent of new wall. Walls surrounding adjacent rooms will only go to bottomsides of existing ceiling tile.														
B. Alternate No. 2: Rm 407 - Worksurface w/ Shelving															
	a. Base Bid: No Scope														
	b. Alternate: Provide plastic laminate countertop, counter supports, aluminum legs, and wire shelving. Secure through existing wall finish. Refer to plans for additional information.														
C. Alternate No. 3: Rm 313 - New High-Density Shelving															

GENERAL NOTES

A THE GENERAL CONTRACTOR IS RESPONSIBLE FOR SUBMITTING A SPRINKLER HEAD LAYOUT TO OWNER'S REPRESENTATIVE FOR APPROVAL PRIOR TO PERMITTING & INSTALLATION. ALL ROUTING OF PIPE AND HEAD LOCATIONS TO BE COORDINATED WITH FIELD CONDITIONS PRIOR TO SUBMITTAL.

B REFER TO MECHANICAL SHEETS FOR DETAILED INFORMATION ON DIFFUSERS. COORDINATE ALL FIXTURES WITH ELECTRICAL AND MECHANICAL PLANS. MECHANICAL CONTRACTOR TO COORDINATE DUCT WORK AROUND CURRENT LIGHTING LAYOUT PER RCP.

C DIFFUSER LOCATIONS ARE FOR INTENT PURPOSES ONLY. MECHANICAL CONTRACTOR TO COORDINATE EXACT LOCATIONS AND REQUIREMENTS AS NECESSARY.

D ALL OWNER PROVIDED FIXTURES ARE TO BE GENERAL CONTRACTOR INSTALLED.

E REFER TO FINISH LEGEND AND FINISH SCHEDULE FOR ROOM CEILING FINISHES.

F COORDINATE ALL CEILING MOUNTED EQUIPMENT WITH CASEWORK BELOW.

G ALL EXISTING CEILING HEIGHTS ARE SHOWN FOR REFERENCE ONLY. CONTRACTOR TO CONFIRM WHERE NECESSARY.

H PROVIDE SLEEVES FOR CONDUITS PASSING THROUGH WALL BEING EXTENDED TO DECK. PROVIDE ACOUSTICAL SEALANT AT ALL PENETRATIONS.

J SPRINKLER CONTRACTOR TO ADJUST SPRINKLER HEADS IMPACTED BY WALLS EXTENDED TO DECK. IN AREAS OF LIGHT HAZARD OCCUPANCY, MAX SPACING OF 225 SQUARE FOOT PER SPRINKLER WITH VERIFICATION BY HYDRAULIC CALCULATIONS DESIGNED FOR A MINIMUM DISCHARGE DENSITY OF 0.10 GPM/SQUARE FOOT OVER THE MOST REMOTE 1,500 SQUARE FOOT OF AREA.

K IN ALL INDICATED LOCATIONS WHERE NEW WALLS ARE TO BE EXTEND TO DECK, REMOVE WALL BASE AND SALVAGE WALL BASE FOR REINSTALLATION. PREP WALL AND PAINT WALL FLOOR TO DECK. PAINT COLOR TO BE SELECTED BY ARCHITECT.

SHEET NOTES

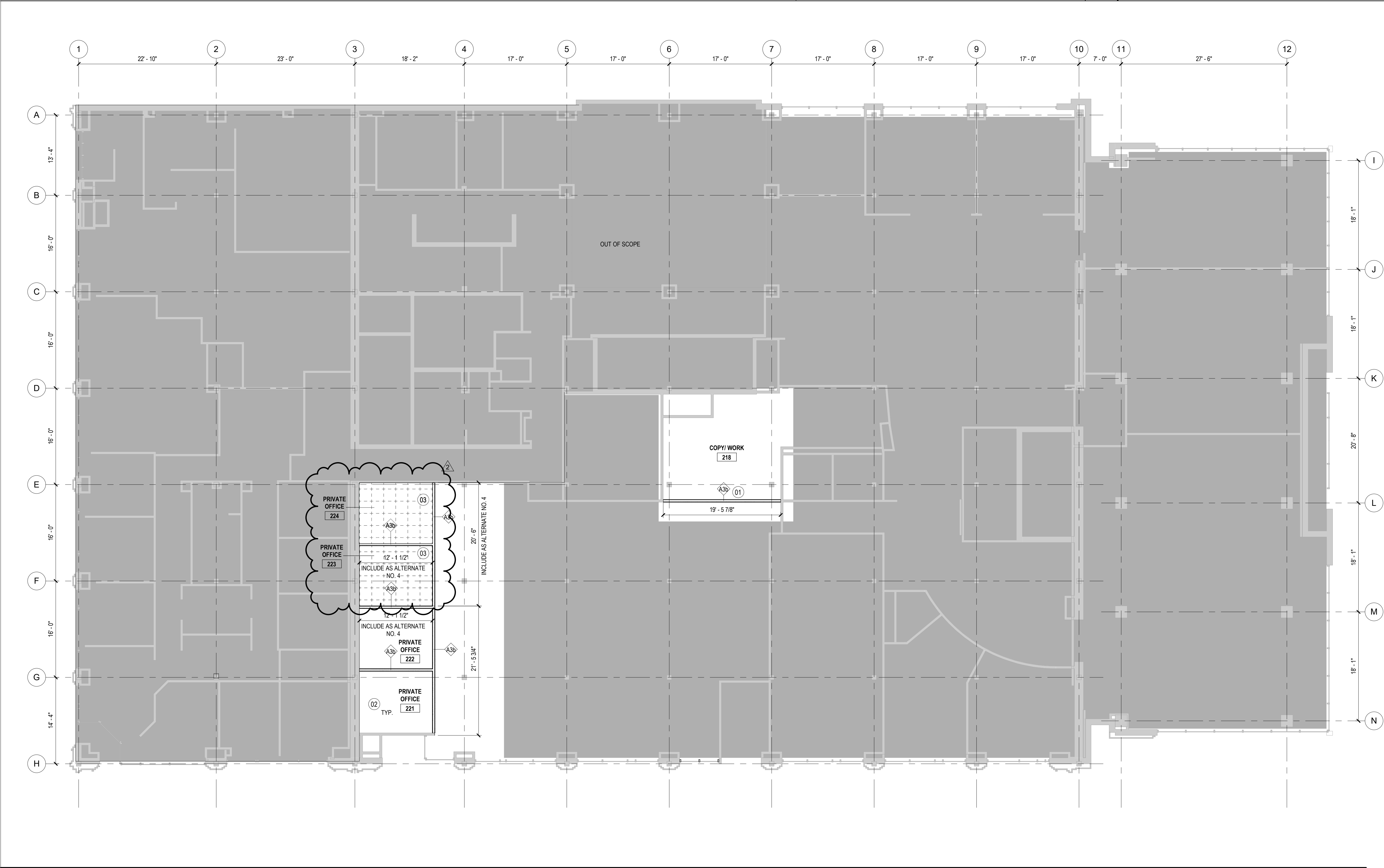
01 DUCT LOCATED OVER TOP OF EXISTING WALL TO BE EXTENDED TO DECK. RELOCATE DUCT OFF WALL TO SIDE OF WALL WHERE TAG INDICATES. MAINTAIN AIR DISTRIBUTION TO SPACES AFTER WALL EXTENSION.

02 PROVIDE TRANSFER DUCT IN WALL ALLOWING A RETURN AIR PATH TO HVAC UNIT - TYPICAL FOR ALL SPACES WITH WALLS EXTENDING TO DECK. PRICE 80 DGS CRATE RETURN GRILLE OR SIM.

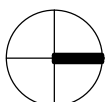
03 2X2 CEILING GRID TO BE DEMOLISHED AS PART OF ALTERNATE NO. 4.



J12 BUILDING WALL SYMBOL LEGEND



A01 RCP - LEVEL - 02 - TOW



MARC
Mid-America Regional Council
MARC PHASE 1 OFFICE RENOVATION
600 BROADWAY BLVD STE 200,
KANSAS CITY, MO 64105

odimo™
MO CERT OF AUTH.: #2016000414
ODIMO PROJ. #: 211002

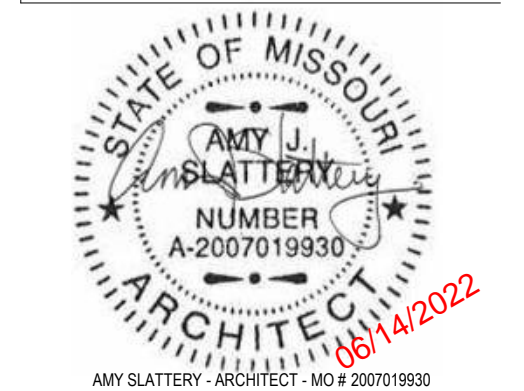
OWNER
ATTN: CAROL GONZALES,
DIRECTOR OF FINANCE AND
ADMINISTRATION
600 BROADWAY, SUITE 200
KANSAS CITY, MO 64105
816.701.8204
CGONZALES@MARC.ORG

ARCHITECT
ATTN: AMY J. SLATTERY, AIA
ODIMO LLC
701 E 63RD STREET #210
KANSAS CITY, MO 64110
816.708.1500
ASLATTERY@ODIMO.US

MEP ENGINEERING
ATTN: BRAD LEWIS
BRANCHPATTERN, INC.
1508 GRAND BOULEVARD
KANSAS CITY, MO 64108
816.531.2121
BLEWIS@BRANCHPATTERN.COM

△ DATE	DESCRIPTION
1 06/07/2022	ADDENDUM 01
2 6/14/2022	ADDENDUM 02





ISSUE
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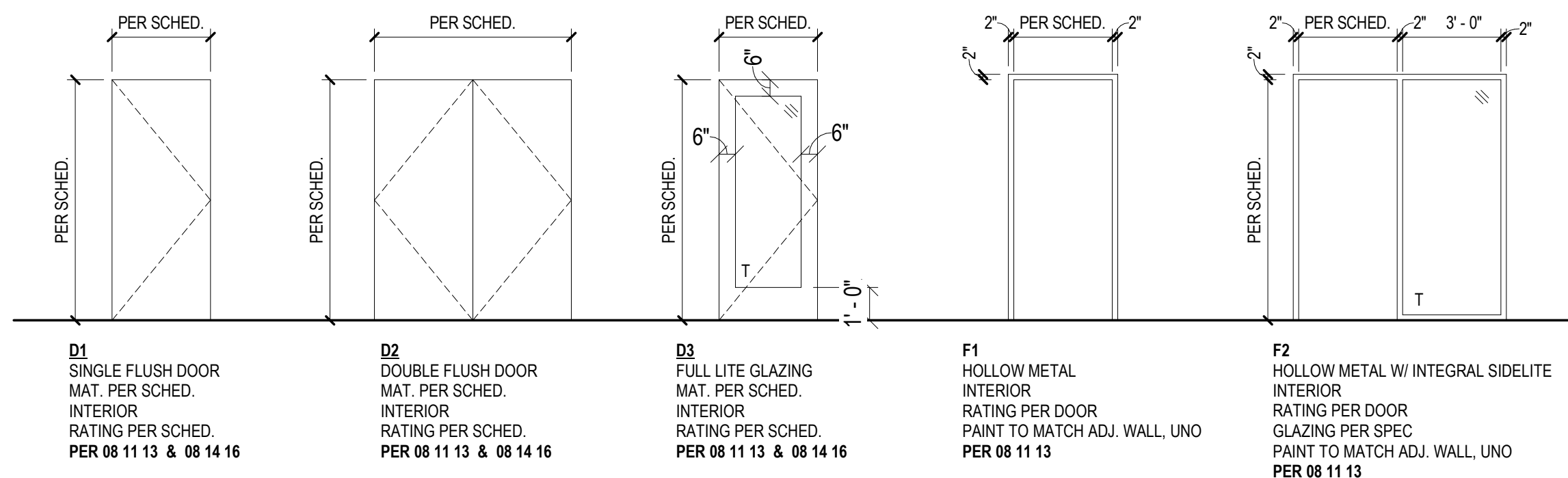
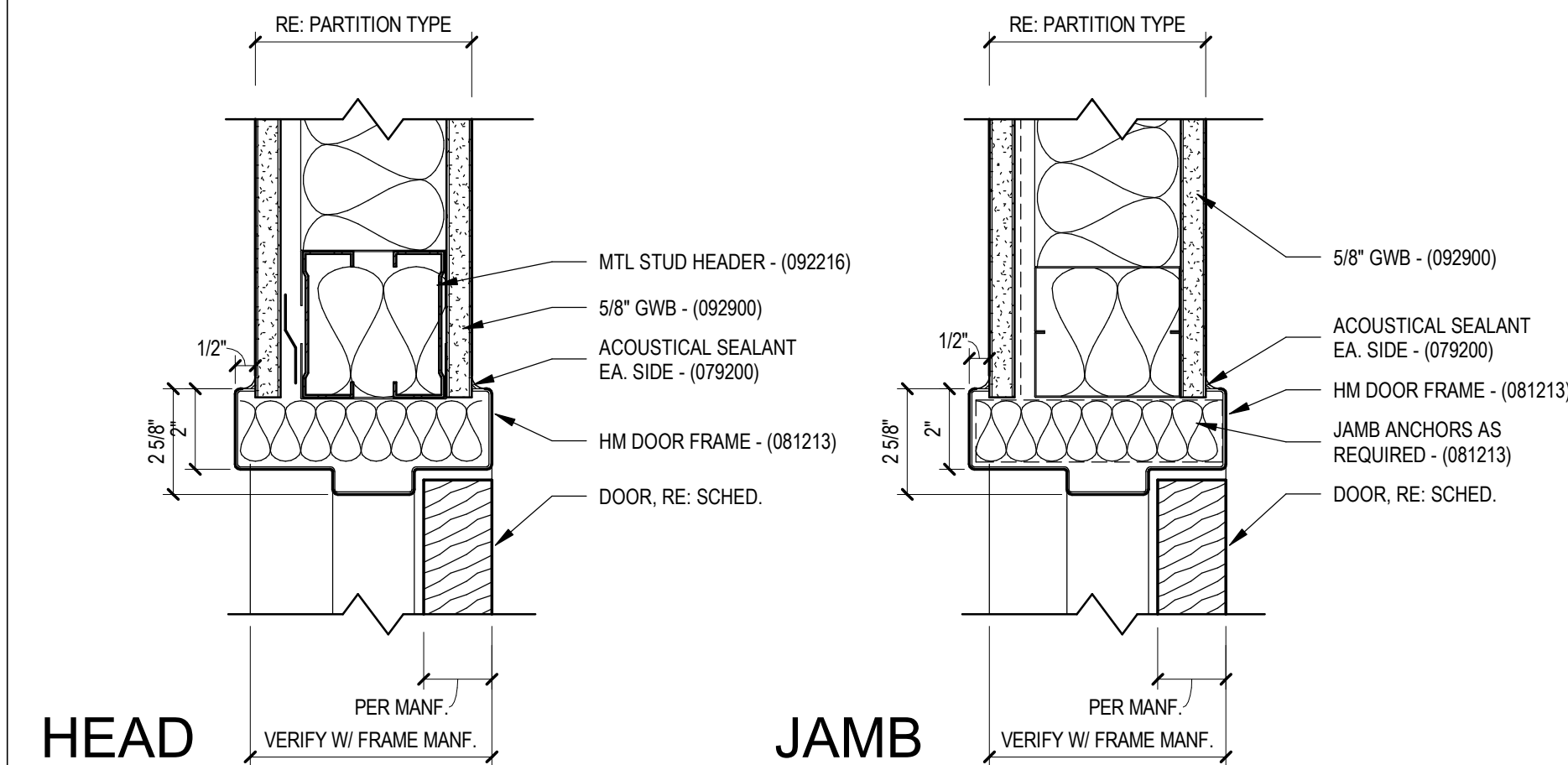


DESCRIPTION
**REFLECTED CEILING
PLAN - LEVEL 02**



FINISH & MATERIAL INDEX						
CODE	DESCRIPTION	SECTION	BASIS OF DESIGN/MANUFACTURER	MODEL/COLOR	SIZE	REMARKS
DIVISION 06: WOODS, PLASTICS & COMPOSITES						
PL01	PLASTIC LAMINATE	06 41 16	FORMICA	8238-PX, BLUSH, PLEX FINISH	-	-
PL02	PLASTIC LAMINATE	06 41 16	FORMICA COLOR CORE 2	7223C-58 NEW WHITE, MATTE TEXTURE	-	-
PR01	PANEL, RESIN	06 06 60	3FORM	1/2" VARIA, SEAWEEED + JUNIPER, CENTERED, SANDSTONE/SANDSTONE	1/2" THICK	REFER TO SPEC FOR MOUNTING SYSTEM
SS01	SOLID SURFACE	06 41 16	RECYCLED SURFACES	G-46	3/4" THICK	-
DIVISION 09: FINISHES						
AU01	ACOUSTICAL, WALL UNIT	09 84 33	IMPACT ACOUSTICS	FYLO, ARCHISONIC, MOSS 439, 1/2" THICK	SEE ELEVATIONS	REFER TO SPEC
AU02	ACOUSTICAL, WALL UNIT	09 84 33	IMPACT ACOUSTICS	FYLO, ARCHISONIC, NORDIC PINE 311, 1/2" THICK	SEE ELEVATIONS	REFER TO SPEC
BR01	BASE, RESILIENT	09 65 13	TARKETT	COLOR: TO MATCH EXISTING	4-IN	CONTRACTOR TO VERIFY.
BR02	BASE, RESILIENT	09 65 13	TARKETT	MACADAMIA WG, TG5	4-IN	-
FR01	FLOOR, RESILIENT TILE	09 65 19	FORBO, MARMOLEUM	MODULAR, T3716 MERCURY	10" X 20"	-
PA01	PAINT	09 91 23	SHERWIN WILLIAMS	ALABASTER, SW 7008	-	REFER TO SPEC FOR FINISH.
PA02	PAINT	09 91 23	SHERWIN WILLIAMS	ALYSSUM, SW 6589	-	REFER TO SPEC FOR FINISH
PA03	PAINT	09 91 23	SHERWIN WILLIAMS	COLOR: TO MATCH EXISTING	-	REFER TO SPEC FOR FINISH, CONTRACTOR TO VERIFY EXISTING.
DIVISION 12: FURNISHINGS						
SR01	SHADE, ROLLER	12 24 13	MECHOSHADE	ECOCVEIL, 1550 SERIES 3% OPEN, 1570 SHADOW GRAY- MANUAL SHADE, MECHO SLIMLINE TRACK	REFER TO RCPS	-
SR02	SHADE, ROLLER	12 24 13	MECHOSHADE	CHELSEA BLACKOUT, 0250 SERIES, OPAQUE, 0264 GRAPHITE BACKING; MANUAL SHADE, MECHO SLIMLINE TRACK	REFER TO RCPS	-
UF01	FOAM UPHOLSTERY	12 52 50	HIGH DENSITY POLYURETHANE	DACRON WRAPPED FOAM, LINED	4" THICKNESS	FLAT SEAMS W/ SQUARE EDGES, TOP STITCHING
UP01	FABRIC, UPHOLSTERY	12 52 50	CARNEIGE, XOREL	METEOR, 64527 W 2006	SEE DETAILS	REFER TO SPEC
UP02	FABRIC, UPHOLSTERY	12 52 50	CARNEIGE, XOREL	ELLIPSE EMBROIDER, 6105W 21	SEE DETAILS	REFER TO SPEC

DOOR SCHEDULE										
DOOR NO.	DOOR					FRAME		FIRE RATING	HDWR	PHASING
	TYPE	WIDTH	HEIGHT	MATERIAL	TYPE	MATERIAL				
317A.1	D1	3' - 0"	7' - 0"	WD	F2	HM			01	New Construction
317B.1	D1	3' - 0"	7' - 0"	WD 	F2	HM			01	New Construction
403.1	D2	 6' - 0"	6' - 8"	HM	F1	HM	3 HR		04	New Construction
403.2	D2	5' - 8"	6' - 8"	EXIST.	EXIST.	EXIST.			06	Existing
407.1	D1	3' - 0"	7' - 0"	EXIST.	EXIST.	EXIST.			05	Existing
408.1	D1	3' - 0"	7' - 0"	WD	F2	HM			01	New Construction
409.1	D1	3' - 0"	7' - 0"	WD	F2	HM			01	New Construction
410.1	D1	3' - 0"	7' - 0"	WD	F2	HM			01	New Construction
414.1	D1	3' - 0"	7' - 0"	WD	F1	HM			02	New Construction
425.1	D1	3' - 0"	7' - 0"	WD	F2	HM			01	New Construction
427.1	D1	3' - 0"	7' - 0"	WD	F1	HM			02	New Construction
428.1	D3	3' - 0"	7' - 0"	WD	F1	HM			03	New Construction



A04	TYP. DOOR DETAILS
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A09	DOOR & FRAME LEGEND
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MARC PHASE 1 OFFICE RENOVATION

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ORIGINAL SHEET ISSUE DATE: 05/31/2022

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1	06/07/2022	ADDENDUM 01
2	6/14/2022	ADDENDUM 02

ISSUE

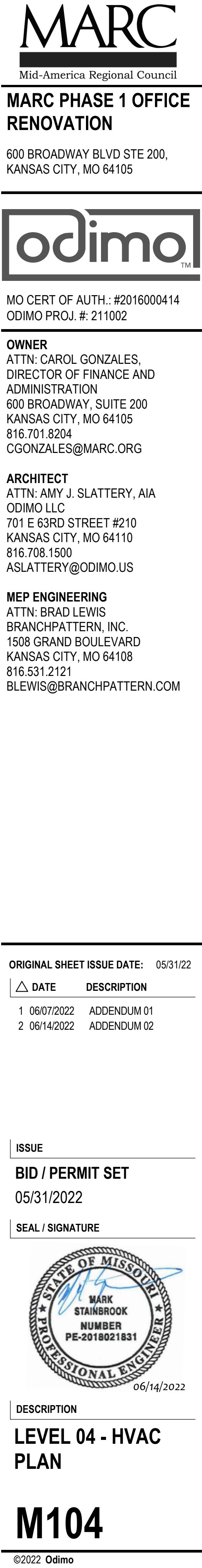
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SEAL / SIGNATURE



DESCRIPTION

A600



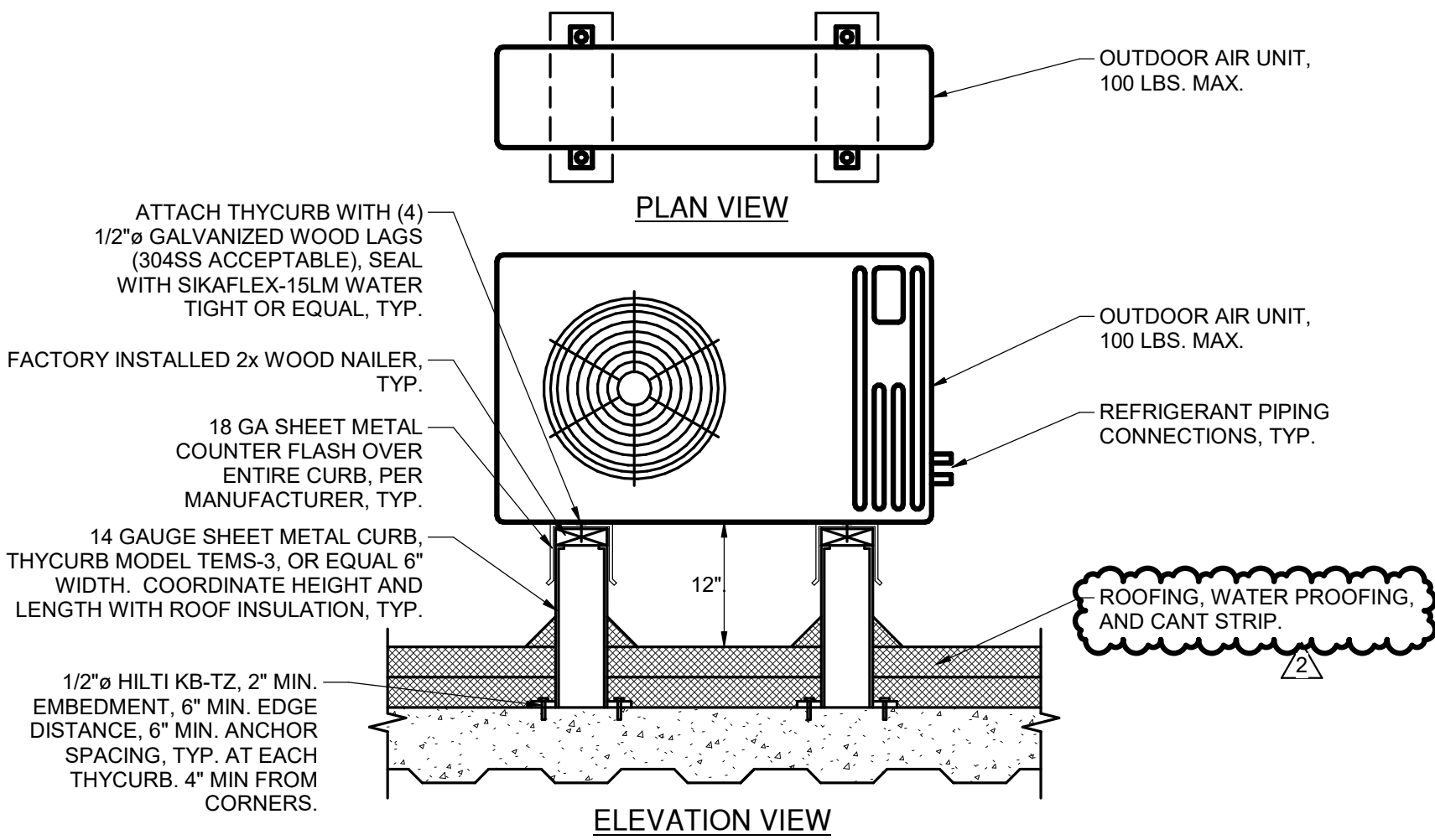
AIR OUTLET AND INLET SCHEDULE

MARK	MANUFACTURER	MODEL	TYPE	MODULE SIZE	RUN-OUT DIA. (IN.)	NECK DIA. (IN.)	MAX CFM	MATERIAL	BORDER	MAX NC	MAX T.S.P. ("WC)	NOTES
D-1 D-1D	PRICE	ASPD	FULL FACE MODULE DIFFUSER DROPPED SQUARE PLAQUE	24"x24"	8	6	200	STAINLESS STEEL	LAY-IN OR SURFACE (REF: RCP)	25	0.1"	1,2,3,4,5,7
					10	8	320					
					12	10	400					
					14	12	475					
					16	14	560					
R-1 R-1D	PRICE	APDDR	PERFORATED MODULE RETURN	24"x24"	6x6	6x6	120	STAINLESS STEEL	LAY-IN OR SURFACE (REF: RCP)	25	0.1"	1,2,4,5,7
					8x8	8x8	260					
					10x10	10x10	470					
					12x12	12x12	760					
					14x14	14x14	1140					
					16x16	16x16	1630					
					18x18	18x18	2220					
R-2	PRICE	80 EGGCRATE	SIDEWALL RETURN GRILLE - 0° DEFLECTION	SEE PLANS	SEE PLANS	SEE PLANS	SEE PLANS	STAINLESS STEEL	DUCT / SURFACE	25	0.1"	1,4,5,6,7

NOTES:

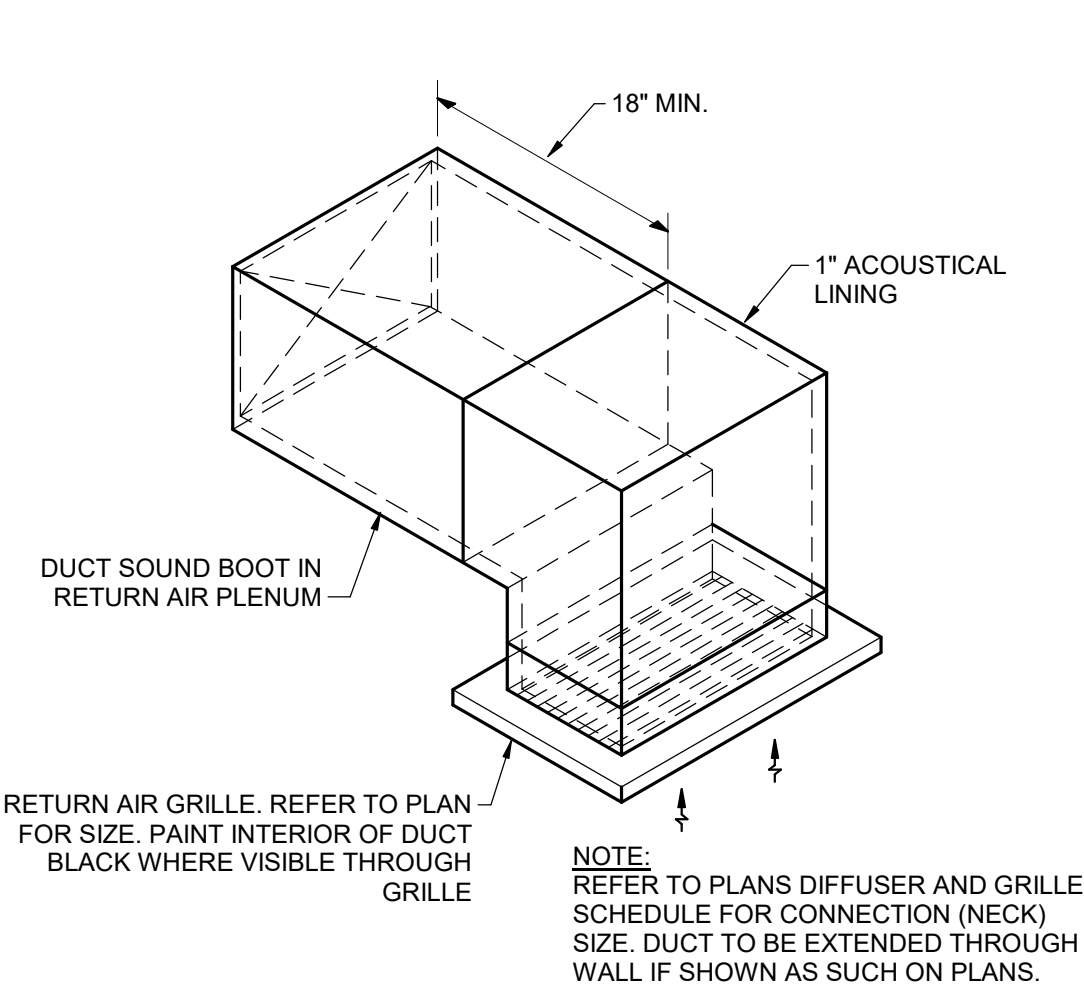
1. DIFFUSER / GRILLE / REGISTER AND / OR ASSOCIATED PLENUM IS DUCTED.
2. FLUSH FACE PANEL.
3. 4-WAY AIR THROW PATTERN, UNLESS STATED OTHERWISE.
4. PROVIDE WITH REMOTE DAMPER REGULATOR IN AREAS WITH INACCESSIBLE CEILINGS / WALLS (REFERENCE "D" SUFFIX MARK).
5. CONTRACTOR TO COORDINATE AND CONFIRM BORDER AND MOUNTING TYPE WITH ARCHITECTURAL PLANS PRIOR TO ORDERING.
6. FRONT BLADES PARALLEL TO FLOOR / DUCTWORK.
7. COORDINATE FINISH WITH ARCHITECT.

6/6/2022



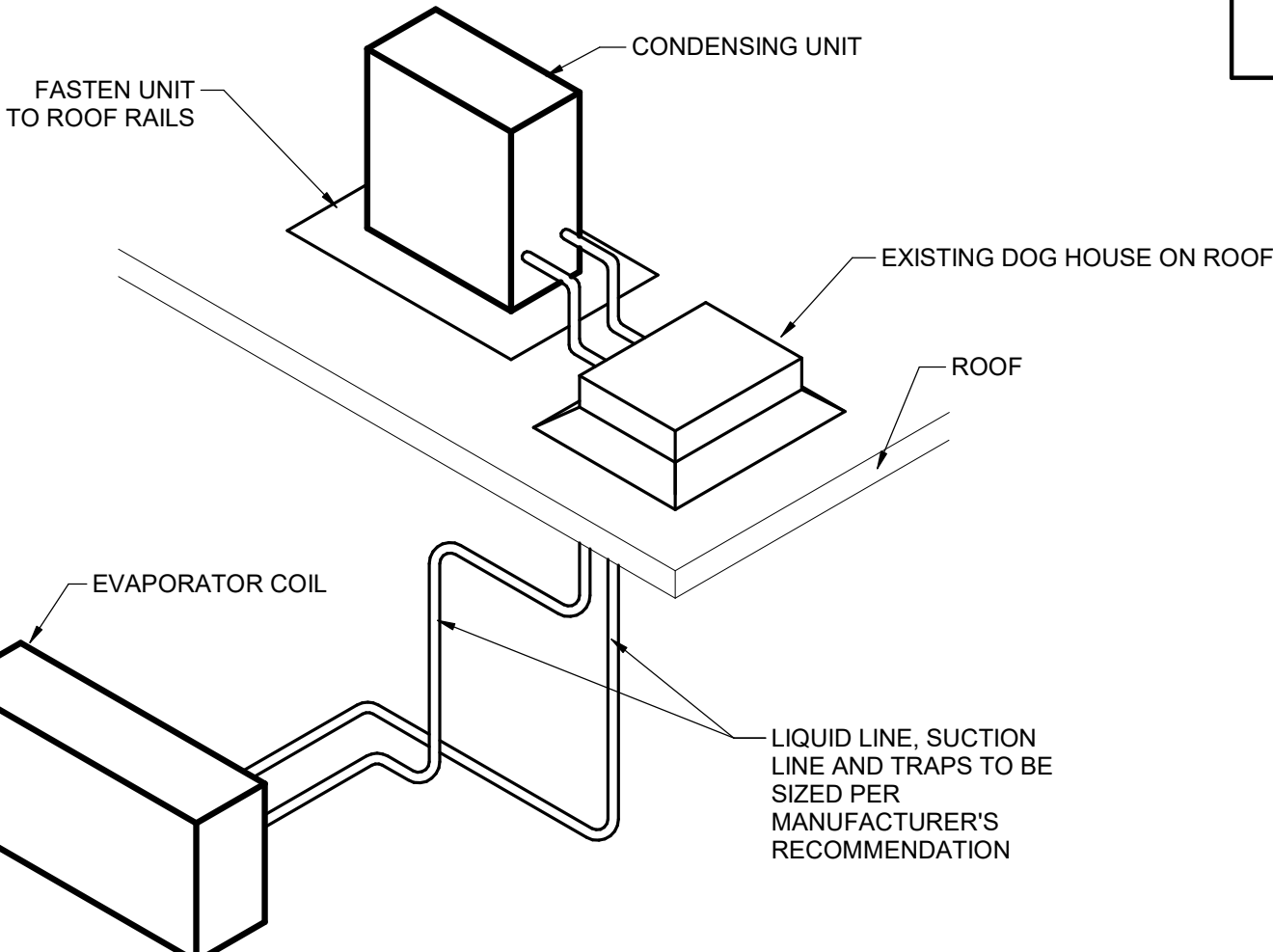
D1 OUTDOOR SPLIT SYSTEM MOUNTING

SCALE: NONE



A1 SOUND BOOT DETAIL

SCALE: NONE



A5 SPLIT SYSTEM - ROOF MOUNTED CONDENSER

SCALE: NONE

DUCTLESS SPLIT SYSTEM SCHEDULE

MARK	MANUFACTURER & MODEL	SERVES	LOCATION	FAN	COIL CAPACITY		SEER / EER	ELECTRICAL DATA			NOTES
				CFM MIN / MAX	HEATING TOTAL (MBH)	COOLING SENSIBLE / TOTAL (MBH)		FLA	MOPD	VOLTS/PH/Hz	
SS-1	CARRIER 40MAQB24B-3	427 - SECURE SERVER ROOM	SEE PLAN	520 / 870	16.6	18 / 24	20.5 / 13	.4	--	208/1/60	1,2,3,4,5

NOTES:

1. PROVIDE WALL MOUNTED THERMOSTAT.
2. PROVIDE REFRIGERANT PIPING TO CONDENSING UNIT PER MANUFACTURERS REQUIREMENTS.
3. UNIT POWER SUPPLIED FROM OUTDOOR UNIT.
4. PROVIDE MODEL SL-30 CONDENSATE PUMP W/RE FROM INDOOR UNIT PER PUMP MANUFACTURER'S INSTRUCTIONS OR FACTORY INSTALLED PUMP.
5. ROUTE REFRIGERANT PIPING EXPOSED ON WALL TO ABOVE CEILING.

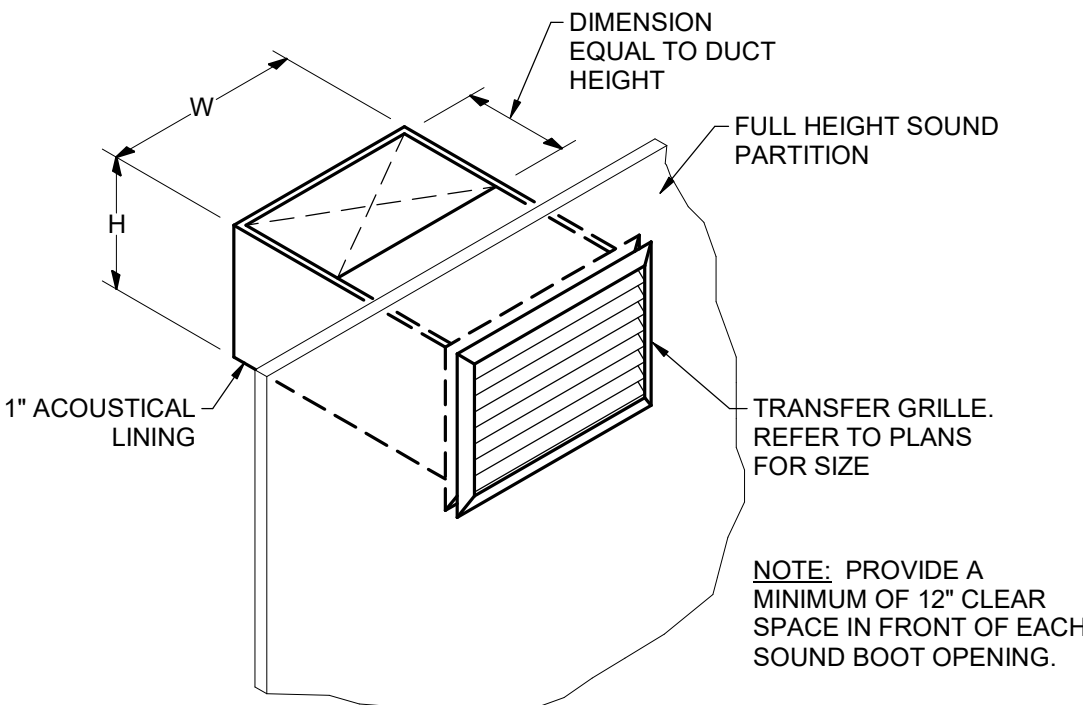
DUCTLESS SPLIT SYSTEM HEAT PUMP SCHEDULE

MARK	MANUFACTURER & MODEL	SERVES	LOCATION	FULL LOAD CAP. (MBH)	OPERATING TEMPS		HSPF	ELECTRICAL DATA			NOTES:
					HEATING (F) MIN / MAX	COOLING (F) MIN / MAX		FLA	MOPD	VOLTS/PH/Hz	
SSC-1	CARRIER 38MAQB24R-3	SS-1	SEE PLAN	24.0	-22 / 86	-13 / 122	11.5	20.0	30	208/1/60	1,2,3,4

NOTES:

1. PROVIDE REFRIGERANT AND REFRIGERANT PIPING TO INDOOR UNIT PER MANUFACTURERS REQUIREMENT.
2. PROVIDE WITH WIND GUARD AND ALL ACCESSORIES FOR LOW AMBIENT OPERATION.
3. INSTALL OUTDOOR UNIT ON EQUIPMENT PAD WITH ELEVATED PREFAB EQUIPMENT STAND OR WALL BRACKET AS INDICATED ON DRAWINGS.
4. ACCEPTABLE MANUFACTURERS: CARRIER OR EQUAL.

NOTE: DUCT DIMENSIONS SHOWN ON PLANS ARE INTERIOR AIR FLOW DIMENSIONS.



A11 TRANSFER GRILLE/DUCT CONNECTION

SCALE: NONE



MARC PHASE 1 OFFICE RENOVATION

600 BROADWAY BLVD STE 200,
KANSAS CITY, MO 64105



MO CERT OF AUTH.: #2016000414
ODIMO PROJ. #: 211002

OWNER

ATTN: CAROL GONZALES,
DIRECTOR OF FINANCE AND
ADMINISTRATION
600 BROADWAY, SUITE 200
KANSAS CITY, MO 64105
816.701.8204
CGONZALES@MARC.ORG

ARCHITECT

ATTN: AMY J. SLATTERY, AIA
ODIMO LLC
701 E 63RD STREET #210
KANSAS CITY, MO 64110
816.708.1500
ASLATTERY@ODIMO.US

MEP ENGINEERING

ATTN: BRAD LEWIS
BRANCHPATTERN, INC.
1508 GRAND BOULEVARD
KANSAS CITY, MO 64108
816.531.2121
BLEWIS@BRANCHPATTERN.COM

ORIGINAL SHEET ISSUE DATE: 05/31/22

DATE DESCRIPTION

- 1 06/07/2022 ADDENDUM 01
- 2 06/14/2022 ADDENDUM 02

ISSUE

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05/31/2022

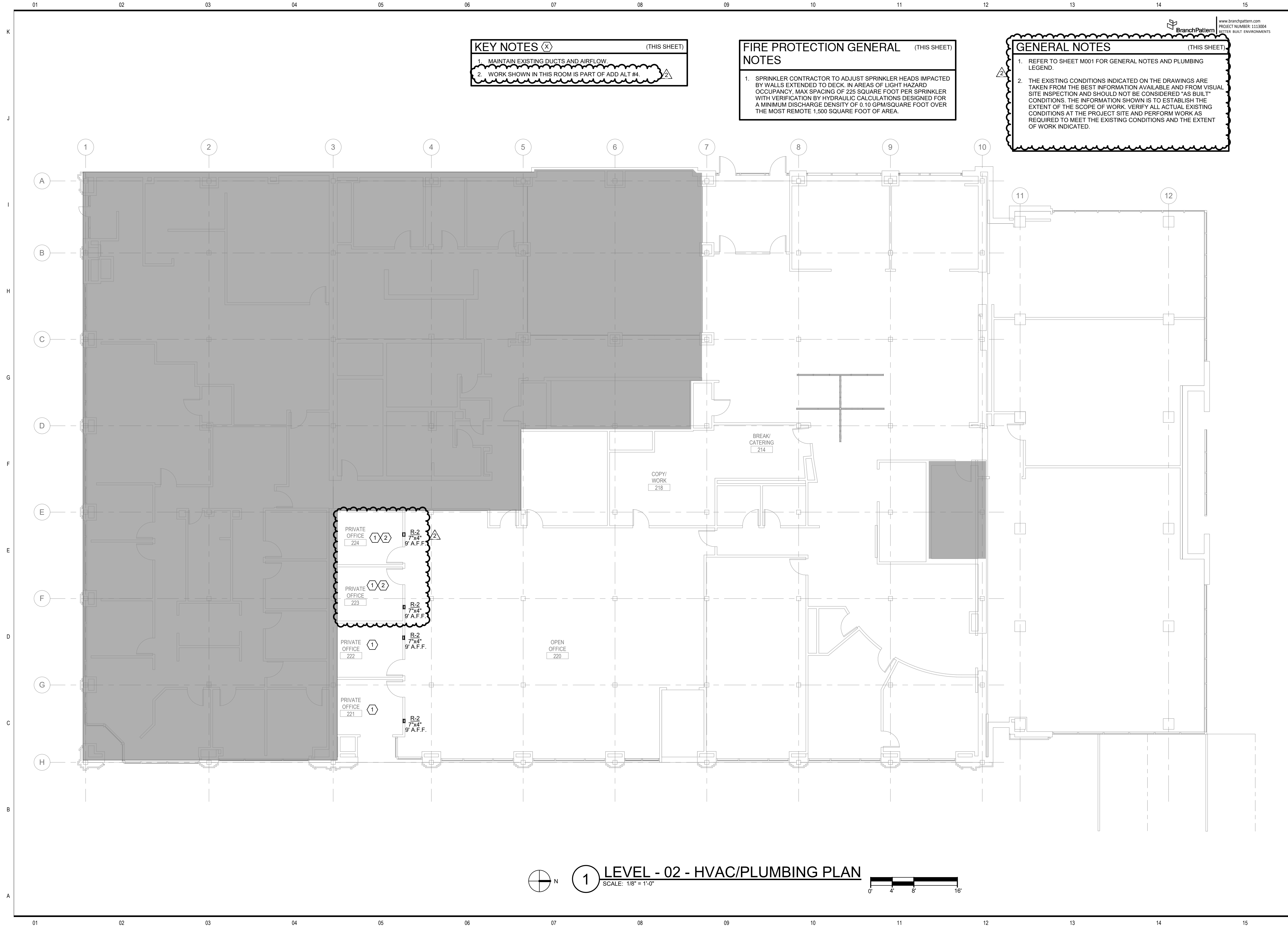
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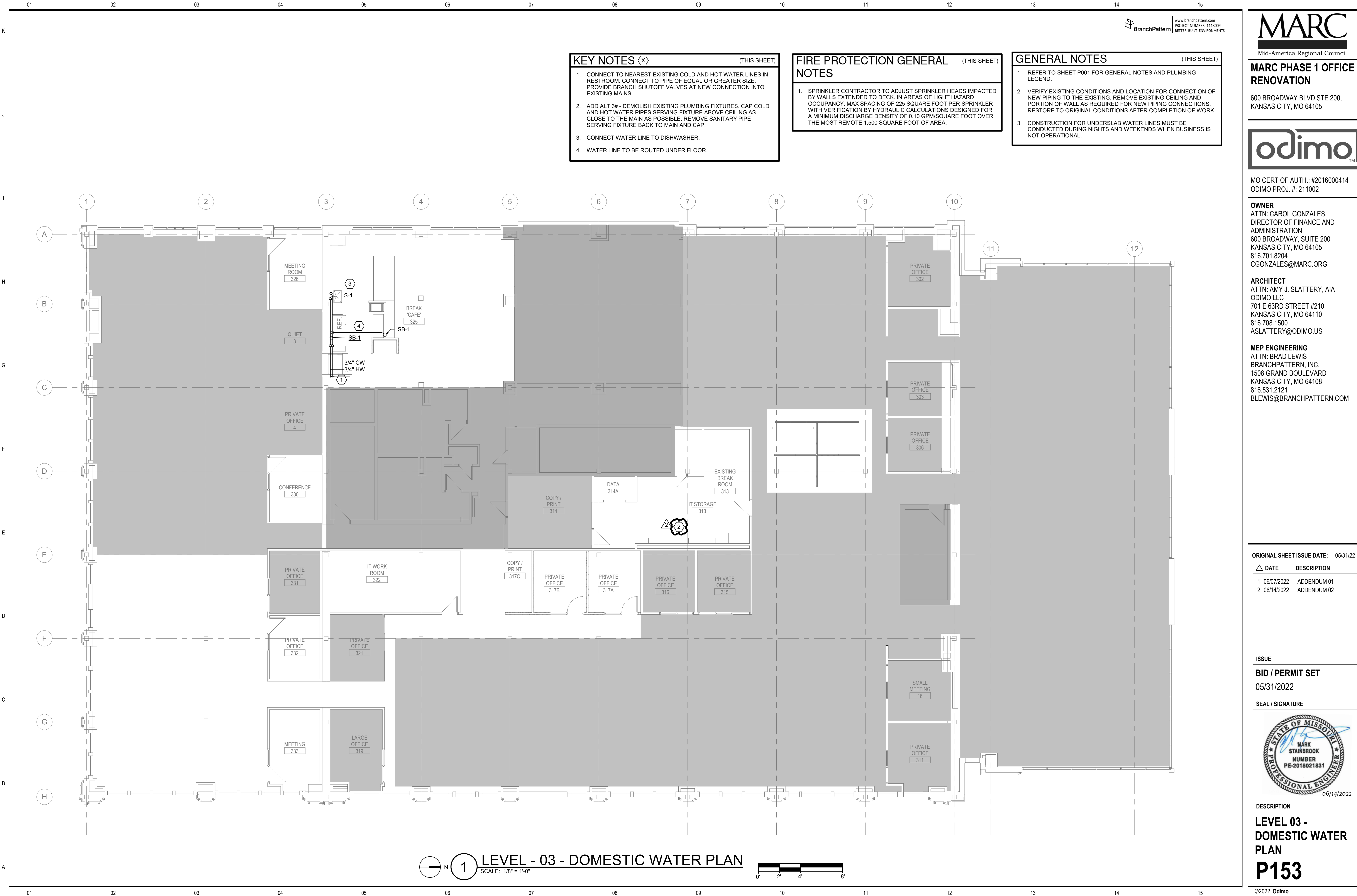
MECHANICAL DETAILS AND SCHEDULES

M201



△ DATE	DESCRIPTION
1 06/07/2022	ADDENDUM 01
2 06/14/2022	ADDENDUM 02







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PROJECT NUMBER: 1113004
BETTER BUILT ENVIRONMENTS



Mid-America Regional Council

MARC PHASE 1 OFFICE RENOVATION

600 BROADWAY BLVD STE 200,
KANSAS CITY, MO 64105



MO CERT OF AUTH.: #2016000414
ODIMO PROJ. #: 211002

OWNER
ATTN: CAROL GONZALES,
DIRECTOR OF FINANCE AND
ADMINISTRATION
600 BROADWAY, SUITE 200
KANSAS CITY, MO 64105
816.701.8204
CGONZALES@MARC.ORG

ARCHITECT
ATTN: AMY J. SLATTERY, AIA
ODIMO LLC
701 E 63RD STREET #210
KANSAS CITY, MO 64110
816.708.1500
ASLATTERY@ODIMO.US

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ATTN: BRAD LEWIS
BRANCHPATTERN, INC.
1508 GRAND BOULEVARD
KANSAS CITY, MO 64108
816.531.2121
BLEWIS@BRANCHPATTERN.COM

ORIGINAL SHEET ISSUE DATE: 05/31/22

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1 06/07/2022	ADDENDUM 01
2 06/14/2022	ADDENDUM 02

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05/31/2022

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06/14/2022

DESCRIPTION

LEVEL 03 -
DOMESTIC WATER
PLAN

P153

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(THIS SHEET)

1. REFER TO SHEET E001 FOR SYMBOLS LEGEND AND ADDITIONAL GENERAL NOTES.



600 BROADWAY BLVD STE 200,
KANSAS CITY, MO 64105



MO CERT OF AUTH.: #2016000414
ODIMO PROJ. #: 211002

OWNER
ATTN: CAROL GONZALES,
DIRECTOR OF FINANCE AND
ADMINISTRATION
600 BROADWAY, SUITE 200
KANSAS CITY, MO 64105
816.701.8204
CGONZALES@MARC.ORG

ARCHITECT
ATTN: AMY J. SLATTERY, AIA
ODIMO LLC
701 E 63RD STREET #210
KANSAS CITY, MO 64110
816.708.1500
ASLATTERY@ODIMO.US

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ATTN: BRAD LEWIS
BRANCHPATTERN, INC.
1508 GRAND BOULEVARD
KANSAS CITY, MO 64108
816.531.2121
BLEWIS@BRANCHPATTERN.COM

ORIGINAL SHEET ISSUE DATE: 05/13/22

△	DATE	DESCRIPTION
1	06/07/2022	ADDENDUM 01
2	06/14/2022	ADDENDUM 02

ISSUE

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05/31/2022

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DESCRIPTION

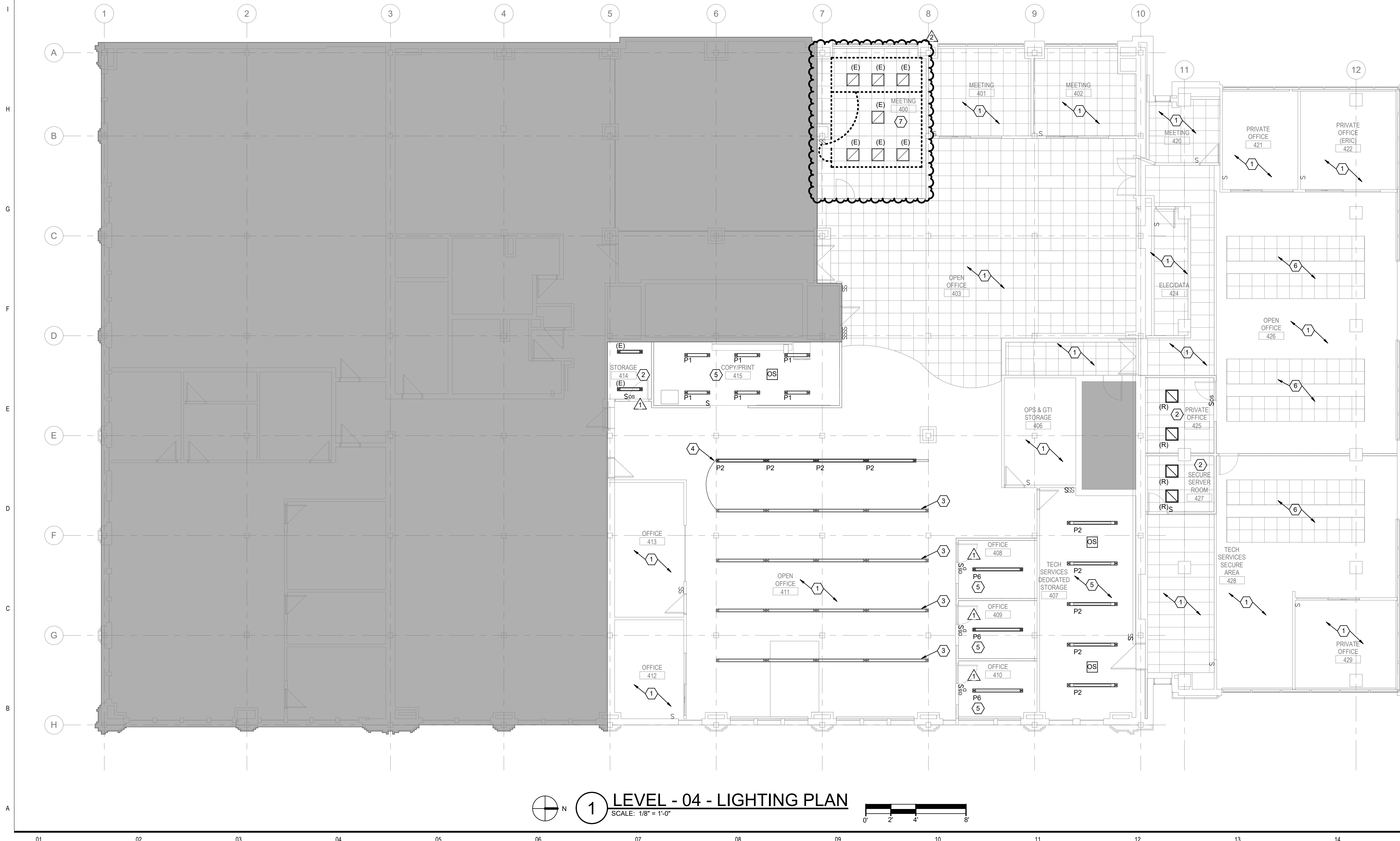
LEVEL 04 - LIGHTING PLAN

E154

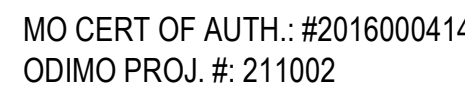
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1. LIGHT FIXTURES AND CONTROLS IN THIS AREA ARE EXISTING TO REMAIN U.N.O.	5. CONNECT TO EXISTING AREA LIGHT FIXTURE CIRCUIT. PROVIDE NEW CONTROLS.
2. RELOCATE EXISTING LIGHTS TO LOCATION SHOWN. PROVIDE NEW CONTROLS FOR FIXTURES IN THIS AREA.	6. RETROFIT EXISTING TO REMAIN LIGHTING WITH NEW LED TYPE BULBS. CIRCUIT AND CONTROLS SHALL BE EXISTING TO REMAIN.
3. LIGHT FIXTURES ARE EXISTING TO REMAIN. SHORTEN LIGHTING RUN, REMOVE SECTION AND MOVE END CAP AS REQUIRED.	7. PROVIDE NEW LIGHTING CONTROLS FOR EXISTING LIGHTS. RE-WIRE LIGHTING CONTROLS FOR SEPARATE THE ZONES AS SHOWN.
4. CONNECT TO EXISTING AREA LIGHT FIXTURE CIRCUIT AND CONTROLS.	

1. REFER TO SHEET E001 FOR SYMBOLS LEGEND AND ADDITIONAL GENERAL NOTES.



600 BROADWAY BLVD STE 200,
KANSAS CITY, MO 64105



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ATTN: CAROL GONZALES,
DIRECTOR OF FINANCE AND
ADMINISTRATION
600 BROADWAY, SUITE 200
KANSAS CITY, MO 64105
816.701.8204
CGONZALES@MARC.ORG

ARCHITECT
ATTN: AMY J. SLATTERY, AIA
ODIMO LLC
701 E 63RD STREET #210
KANSAS CITY, MO 64110
816.708.1500
ASLATTERY@ODIMO.US

MEP ENGINEERING
ATTN: BRAD LEWIS
BRANCHPATTERN, INC.
1508 GRAND BOULEVARD
KANSAS CITY, MO 64108
816.531.2121
BLEWIS@BRANCHPATTERN.COM

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△ DATE	DESCRIPTION
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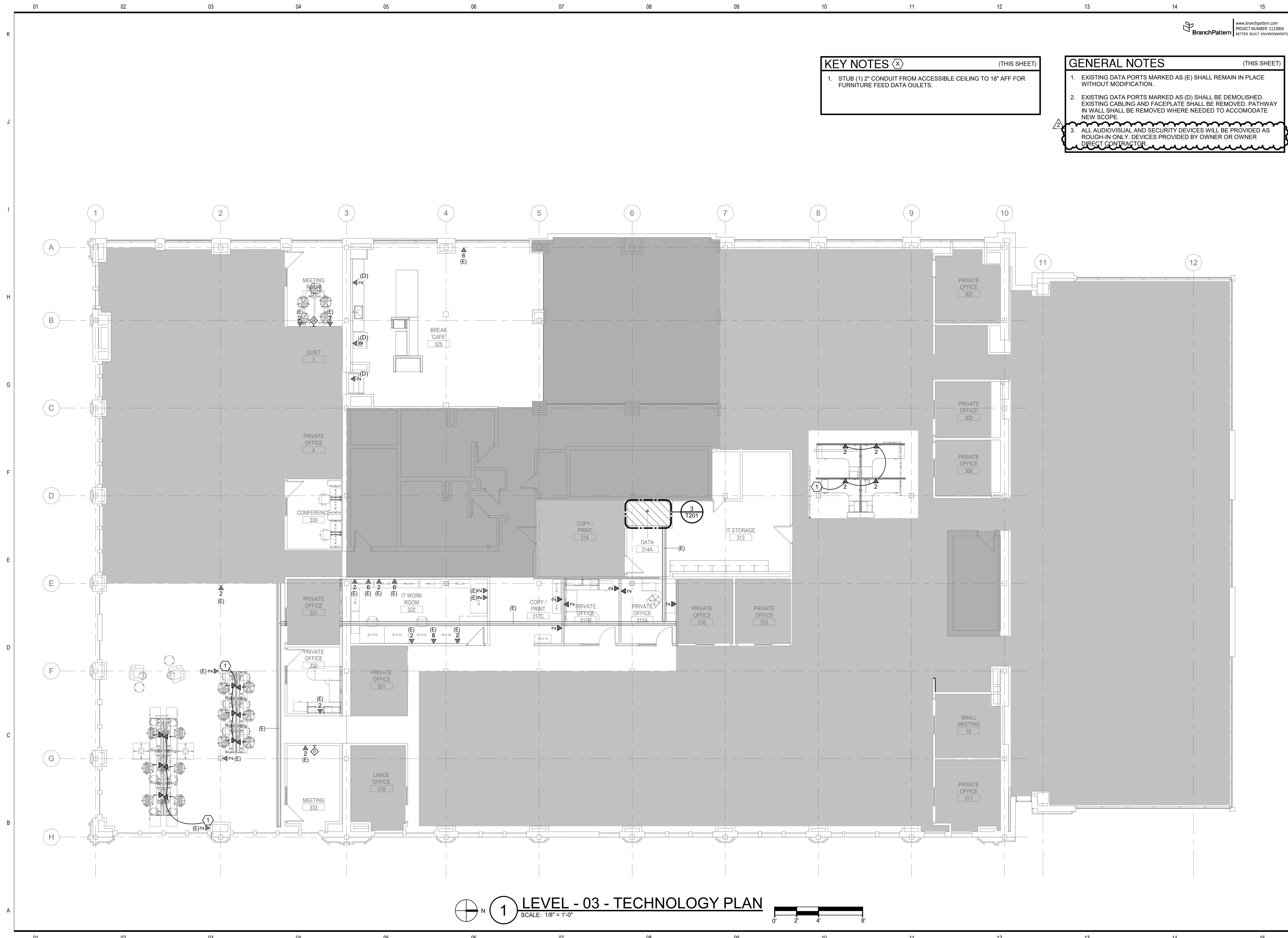


DESCRIPTION

LEVEL 03 - TECHNOLOGY PLAN

T103

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ISSUE

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DESCRIPTION	DATE	AMOUNT	REMARKS
...

LEVEL 04 - TECHNOLOGY PLAN

T104

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