

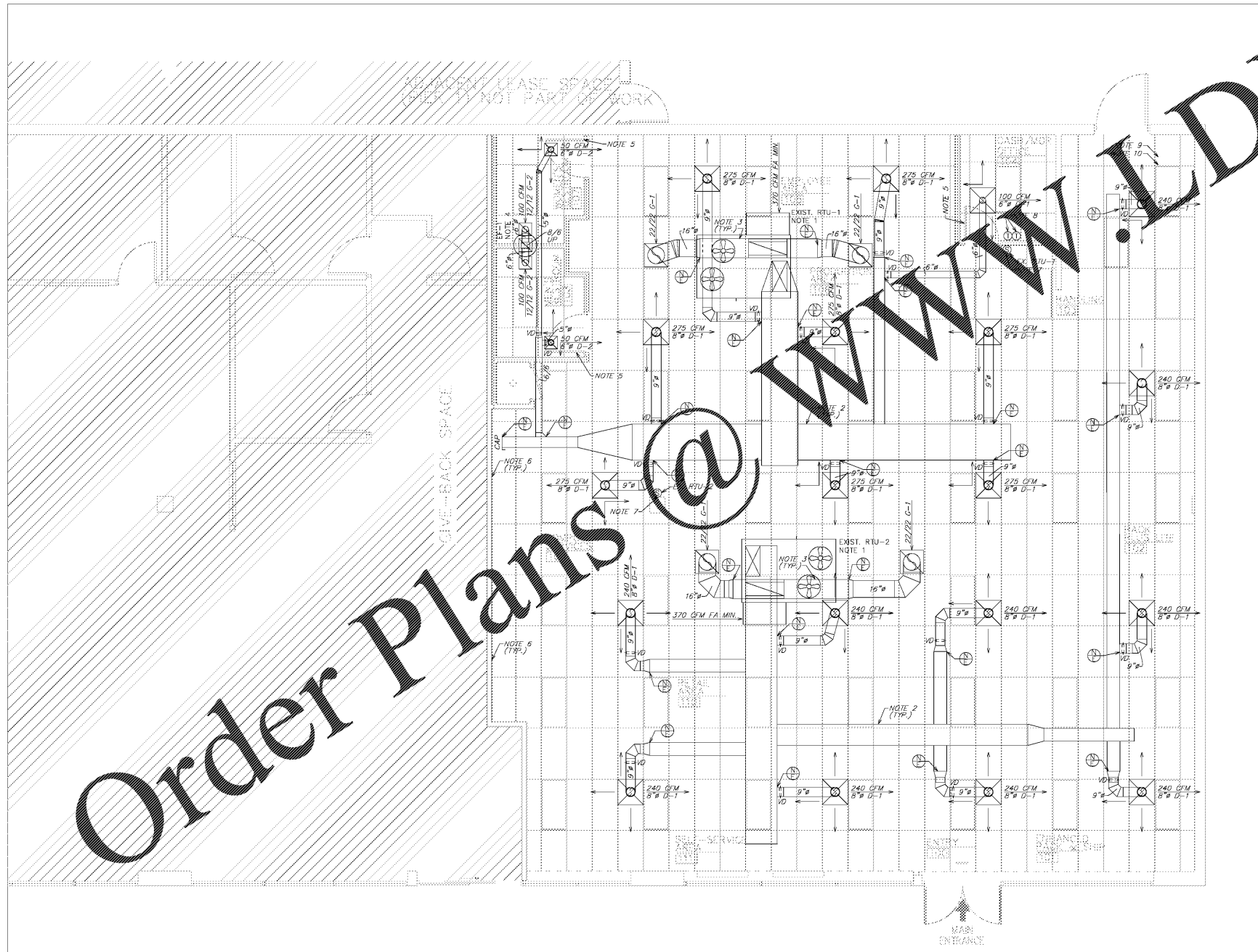
EMS RESPONSIBILITY SCHEDULE			
RELOCATED/NEW Provided By	Comments Installed By	COMMENTS	
EMS Cradle Point	GC EXISTING TO BE RELOCATED	ENTOUCH	GC PROVIDED - DECOMMISSIONED FROM GIVE-BACK SPACE
EMS Supply Air Sensor	EXISTING	ENTOUCH	MODIFICATIONS AS REQUIRED PER DUCTWORK MODIFICATIONS
EMS GMS	EXISTING	EXISTING	
EMS Thermostat (Controller & Main Controller)	GC (EXISTING) TO BE RELOCATED	GC	GC PROVIDED - DECOMMISSIONED FROM EXISTING CENTER
Remote Sensors	GC (EXISTING) TO BE RELOCATED	GC	QTY & LOCATION(S) AS NOTED IN PLAN. GC PROVIDED - DECOMMISSIONED FROM EXISTING CENTER.
Replacement Thermostats at Give-Back Space	GC	GC	QTY & LOCATION(S) TO MATCH EXISTING CONDITION

MECHANICAL RESPONSIBILITIES			
L	FURNISH	INSTALL	RESPONSIBILITY NOTES
L - LANDLORD GC			
C - MECHANICAL CONTRACTOR			
F - FEDEX			
E - EXISTING			
H.V.A.C. SYSTEMS			
1. DUCTWORK & INSULATION	E/C/E/C		
2. GRILLES & REGISTERS	C	C	
3. EX. RTU-1, 2	E	E	
4. EXHAUST FAN EF-1	C	C	
5. THERMOSTAT/SENSORS	-	-	REFERENCE EMS RESPONSIBILITY SCHEDULE
6. AIR BALANCE REPORT	C	C	
7. AS-BUILT DRAWINGS	C	C	

H.V.A.C. SYMBOLS	
SYMBOL	DESCRIPTION
	THERMOSTAT
	REMOTE SENSOR
	SUPPLY DIFFUSER
	RETURN OR EXHAUST GRILLE
	SUPPLY OR FRESH AIR DUCT (SA OR FA)
	RETURN OR EXHAUST AIR DUCT (RA OR EA)
	RECTANGULAR DUCT FIRST FIGURE IS SIDE SHOWN
	ROUND DUCT
	VOLUME DAMPER (ELEV AND PLAN)
	TURNING VANES
	SUPPLY REGISTER OR GRILLE (R OR G)
	RETURN REGISTER OR GRILLE (R OR G)
	FRESH AIR INTAKE (FA)
	SQUARE CEILING DIFFUSER (SUPPLY)

- GENERAL NOTES:
- EXISTING CONDITIONS ARE BASED ON RECORD DRAWINGS PROVIDED BY THE OWNER AND LIMITED FIELD VERIFICATION BY OTHERS. CONTRACTOR SHALL ADJUST TO ACTUAL FIELD CONDITIONS AT NO ADDITIONAL EXPENSE TO THE PROJECT.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFICATION OF ALL EXISTING CONDITIONS PRIOR TO SUBMITTING THE BID. NO ADDITIONAL COMPENSATION WILL BE PROVIDED FOR ANY ERRORS DUE TO THE CONTRACTOR'S FAILURE TO VISIT THE PROJECT SITE PRIOR TO SUBMITTING THE BID. ANY DISCREPANCIES SHALL BE IMMEDIATELY REPORTED TO THE ENGINEER FOR RESOLUTION.
 - ALL CONTRACTORS SHALL REVIEW A COMPLETE SET OF CONSTRUCTION DOCUMENTS, CONTRACTORS SHALL FAMILIARIZE THEMSELVES WITH DEMOLITION WORK PRIOR TO BUILDING AND START OF WORK. CONTRACTOR IS RESPONSIBLE TO DEMOLISH ALL EXISTING AS REQUIRED FOR INSTALLATION/CONSTRUCTION OF NEW WORK.
 - ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH ALL APPLICABLE GOVERNMENT AND LOCAL CODES.
 - MECHANICAL CONTRACTOR SHALL FIELD COORDINATE WITH ELECTRICAL CONTRACTOR FOR ALL POWER REQUIREMENTS.
 - ALL CONTRACTORS SHALL REVIEW A COMPLETE SET OF CONSTRUCTION DOCUMENTS AND COOPERATE WITH THE OTHER TRADES SO THAT THE INSTALLATION OF ALL EQUIPMENT MAY BE PROPERLY COORDINATED.
 - ALL EQUIPMENT FURNISHED SHALL FIT THE SPACE AVAILABLE WITH CONNECTIONS IN THE REQUIRED LOCATIONS AND WITH ADEQUATE SPACE FOR OPERATING AND SERVICING. THE DRAWINGS ARE GENERALLY DIAGNOSTIC AND INDICATE THE INTENT OF THE INSTALLATION WHILE THE SPECIFICATIONS AND EQUIPMENT LIST DENOTE THE TYPE AND QUALITY OF MATERIAL AND WORKMANSHIP TO BE USED. THE DRAWINGS SHALL NOT BE SCALED FOR EXACT MEASUREMENTS. WHERE A CONFLICT EXISTS BETWEEN THE DRAWINGS AND THE SPECIFICATIONS, THE HIGHER AND/OR MORE COSTLY STANDARD WILL APPLY. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER WHOSE DECISION SHALL BE FINAL. NO ALLOWANCE WILL BE MADE SUBSEQUENTLY IN THIS REGARD ON BEHALF OF THE CONTRACTOR AT THE AWARD OF THE CONTRACT.
 - COORDINATE DUCT ROUTING AND HEIGHTS WITH GENERAL CONTRACTOR. VERIFY ALL CLEARANCES BEFORE STARTING WORK.
 - THE CONTRACTOR SHALL INSTALL ALL PIPING, DUCTWORK, EQUIPMENT AS REQUIRED TO CONFORM TO THE STRUCTURE, AVOID OBSTRUCTION, PRESERVE CEILING HEIGHTS AND HEADROOM AND MAKE ACCESSIBLE FOR FUTURE MAINTENANCE OR REPAIR ACCESSIBLE.
 - ALL DUCT CONNECTIONS TO HVAC EQUIPMENT MUST BE MADE WITH APPROVED CONNECTORS.
 - DO NOT ATTACH ANYTHING TO DEPENDENT STRUCTURE (I.E. BEAMS, JOISTS) ONLY. DUCT HANGERS SHALL BE INSTALLED IN ACCORDANCE WITH LOCAL CODE. ALL CONNECTIONS TO EXIST SHALL BE TO THE TOP CORNER.
 - ALL DUCT DIMENSIONS INDICATED ARE CLEAR DIMENSIONS. ALL SUPPLY AND UNTEMPERED OUTDOOR AIR DUCTWORK SHALL BE LINED WITH 1" ACoustICAL DUCT LINER OR EQUIPPED WITH 1" FIRE RETARDANT FIBERGLASS WITH A REINFORCING FIBERGLASS FOLY. JOINTS SHALL BE APPROVED FOR USE BY SMACKNACK RETURN AIR DUCTS AND RETURN DUCTWORK WITHIN 10 FEET OF THE UNIT FAN SHALL BE LINED WITH 1" ACoustICAL DUCT LINER.
 - AT THE START OF CONSTRUCTION, THE MECHANICAL CONTRACTOR SHALL INSPECT ALL ROOFING WORK SHALL BE PERFORMED BY LANDLORD'S APPROVED ROOFING CONTRACTOR AT TENANT'S EXPENSE, IF REQUIRED IN LEASE OR TENANT CRITERIA MANUAL.
 - MECHANICAL CONTRACTOR SHALL PROVIDE TENANT WITH A WRITTEN ONE (1) YEAR MANUFACTURER'S WARRANTY ON ALL HVAC EQUIPMENT PROVIDED AND / OR INSTALLED. THE WARRANTY SHALL INCLUDE ALL LABOR, MATERIALS AND THREE (3) ROUTINE SERVICES INCLUDING FILTER CHANGES DURING A ONE (1) YEAR PERIOD.
 - AT THE COMPLETION OF CONSTRUCTION AN NEBB, AABC OR TABB CERTIFIED AIR BALANCE REPORT SHALL BE SUBMITTED TO THE ENGINEER AND LANDLORD. THE BALANCING MUST BE COMPLETED BY AN INDEPENDENT, THIRD PARTY CONTRACTOR WITH NO TIES TO THE INSTALLING CONTRACTORS.

- HVAC NOTES:
- EXISTING CARRIER 48CEAD7 6 TON ROOF-TOP UNIT TO REMAIN. CONTRACTOR SHALL BALANCE EXISTING UNIT TO PROVIDE 2400 CFM OF SUPPLY AIR AND 370 CFM OF OUTDOOR AIR. FIELD VERIFY EXACT LOCATION.
 - EXISTING SUPPLY AIR DUCTWORK TO REMAIN. TYPICAL THROUGHOUT SPACE, CAP AND SEAL ANY UNUSED BRANCHES OR DUCT OPENINGS.
 - EXISTING RETURN AIR DUCTWORK TO REMAIN.
 - PROVIDE NEW EXHAUST FAN AS NOTED ON PLANS AND SCHEDULED ON SHEET M-2.0. FIELD VERIFY LOCATION SHOWN IS A MINIMUM OF 10'-0" AWAY FROM ANY OUTDOOR AIR INTAKE.
 - CONTRACTOR SHALL UNDERCUT DOOR 1" ABOVE FINISH FLOOR.
 - REMOVE AND CAP ANY DUCTWORK FROM GIVE-BACK SIDE OF SPACE ON THE GIVE-BACK SIDE OF THE WALL.
 - REMOTE EMS SENSOR TO BE RELOCATED AS INDICATED ON PLANS. EMS REQUIRES 10K TYPE 2, NO 3 WIRE OR BATTERY OPERATION. COORDINATE LOCATION WITH WALL GRAPHICS LAYOUT.
 - RELOCATE EMS THERMOSTAT (CONTROLLER AND MAIN CONTROLLER) WHERE SHOWN ON THIS SHEET. MOUNT THERMOSTAT AT 48" AFF. COORDINATE LOCATION WITH WALL GRAPHICS LAYOUT. REPLACE ALL DECOMMISSIONED EMS THERMOSTATS (CONTROLLERS, INCLUDING MAIN CONTROLLER) REMOVED FROM GIVE-BACK SPACE, WITH NEW GENERIC THERMOSTAT.
 - GC TO REMOVE EMS EQUIPMENT LOCATED IN GIVE-BACK SPACE OR ANY EXISTING TO BE RELOCATED EMS EQUIPMENT LOCATED IN THE PERMANENT SPACE (ANY GMS, CRADLE POINT, THERMOSTAT CONTROLLERS AND MAIN CONTROLLER AS APPLICABLE). COORDINATE WITH FAD CFM FOR EXACT LOCATIONS AND QUANTITIES. PREP EMS THERMOSTATS (CONTROLLERS, INCLUDING MAIN CONTROLLER) FOR RE-INSTALLATION, AS APPLICABLE.
 - GC TO STORE ALL DECOMMISSIONED EMS EQUIPMENT (NOT APPLICABLE TO THERMOSTAT/CONTROLLERS) FROM GIVE-BACK SPACE OR EXISTING TO BE RELOCATED EMS EQUIPMENT FROM PERMANENT SPACE, WHERE SHOWN ON THIS SHEET. GO TO STAGE ALL DECOMMISSIONED EMS EQUIPMENT, FOR USE BY FAD VENDOR.



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1 H.V.A.C. PLAN
SCALE: 1/4" = 1'-0"

LEGEND	
	EXISTING
	NEW WORK
	NEW TO EXISTING CONNECTION

PROJECT COORDINATOR

2841 IRVING BLVD.
DALLAS, TEXAS 75207
TEL: 214-638-8800

SEAL

CONSULTING ENGINEER

ARCHITECTURAL PROJECT NO.: 80-7920
MEP PROJECT NO.: 200183
STRUCTURAL PROJECT NO.:
DVA PROJECT NO.:

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CENTER NO.: 0531 SITE ID NO.: LX779947 PROGRAM: RTSZ

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08/07/2020

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NO.	REVISIONS: DATE:

PERMIT SET ISSUE DATE: 08/07/2020
BID SET ISSUE DATE: 08/07/2020
CONSTRUCTION SET ISSUE DATE: --

DRAWING TITLE:
H.V.A.C. PLAN

DRAWING NUMBER:
M-1.0

TEMPLATE (30X42) ISSUE: 10/28/19