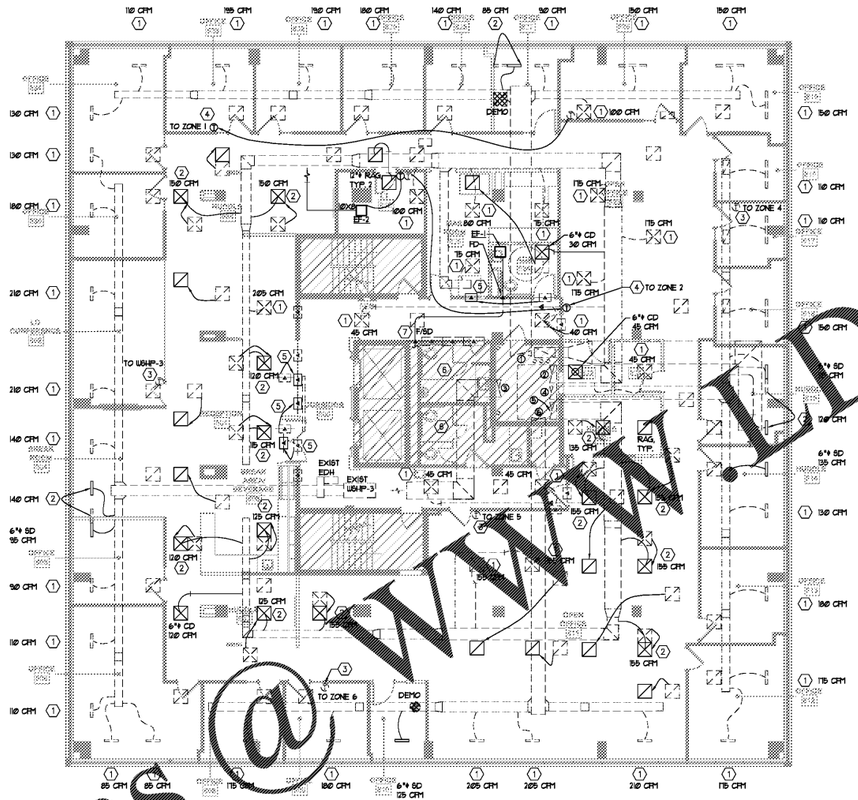

1 M-1.6 MECHANICAL PLAN
1/8"=1'-0"

GENERAL NOTES
(APPLY TO ALL SHEETS)

1. CEILING RETURN AIR PLENUM IS IN USE. MATERIALS EXPOSED WITHIN THE PLENUM SHALL BE NONCOMBUSTIBLE OR HAVE A FLAME SPREAD INDEX OF NOT MORE THAN 25 AND A SMOKE-DEVELOPMENT INDEX OF NOT MORE THAN 50 AS DETERMINED IN ACCORDANCE WITH ASTM E 84 OR UL 723.
2. THE EXACT LOCATION, SIZE, STYLE, COLOR, ETC. OF ALL AIR DISTRIBUTION DEVICES SHALL BE COORDINATED WITH THE ARCHITECT PRIOR TO PURCHASE/INSTALLATION. PROVIDE A DIMENSIONED PLAN AND DEVICE SUBMITTAL FOR THEIR REVIEW.
3. PROVIDE A PLAN FOR ARCHITECT AND ENGINEER REVIEW OF ALL THERMOSTAT/SENSOR LOCATIONS INCLUDING TYPE PRIOR TO PURCHASE/INSTALLATION.
4. PROVIDE A CABLE OPERATED DAMPER FOR ALL AIR DISTRIBUTION TAKE-OFF DAMPERS LOCATED ABOVE INACCESSIBLE CEILINGS. BASIS OF DESIGN SHALL BE ROTO-TWIST. CABLE SHALL BE ACCESSIBLE THROUGH THE FACE OF THE DEVICE FOR BALANCING. DAMPERS ON AIR DISTRIBUTION DEVICE NECKS (INCLUDING SLOT DIFFUSER PLENUM BOXES) ARE STRICTLY PROHIBITED.
5. ALL NEW TENANT CONTROLS SHALL BE LOW VOLTAGE. ALL CONTROL WORK SHALL BE WIRED UNDER THE MECHANICAL CONTRACTORS CONTRACT (24v & 120v).
6. NEW THERMOSTATS SHALL MATCH BASE BUILDING STANDARDS. IF ANY THERMOSTAT IS LOCATED ON AN EXTERIOR COLUMN, PROVIDE AN INSULATED BACKING.
7. PROVIDE ALL MANUFACTURER AND NEC REQUIRED CLEARANCE FOR ALL EQUIPMENT.
8. RELOCATE ALL SPRINKLER AND PLUMBING PIPING AS REQUIRED TO ACCOMMODATE NEW EQUIPMENT.
9. BALANCE ALL EXISTING ZONES TO THE CONNECTED AIRFLOW. AIR QUANTITIES AS SHOWN SHALL BE USED TO BALANCE SYSTEM PER NEW LAYOUT. CONTRACTOR SHALL VERIFY ACTUAL CAPACITY (CFMs) OF THE EXISTING UNIT AND DISTRIBUTE THEM PROPORTIONALLY TO CFMs SHOWN TO ALL DIFFUSERS.
10. EXISTING DIFFUSERS MAY BE RE-USED IF IN LIKE-NEW CONDITION AND IF THEY ARE OF ADEQUATE SIZE. DEMOLISH ALL EXISTING DIFFUSERS AND ASSOCIATED BRANCH DUCTWORK THAT ARE NOT RE-USED BACK TO MAIN; SEAL EXISTING TO REMAIN DUCTWORK WITH SHEETMETAL AND "HARDCAST".
11. ALL PENETRATIONS THROUGH THE CORRIDOR WALL SHALL BE PROTECTED AS A THROUGH PENETRATION IN ACCORDANCE WITH IBC 714.

KEY NOTES
(APPLY TO THIS SHEET ONLY)

1. EXISTING DIFFUSER TO REMAIN. BALANCE TO CFM INDICATED.
2. RELOCATE EXISTING DIFFUSER TO NEW LOCATION AS SHOWN. CONNECT FULL SIZE OF ORIGINAL AS SHOWN. BALANCE TO CFM INDICATED.
3. EXISTING THERMOSTAT TO REMAIN.
4. RELOCATE EXISTING THERMOSTAT TO NEW LOCATION AS SHOWN. DO NOT LOCATE THERMOSTAT BEHIND A DOOR.
5. RELOCATE EXISTING RETURN AIR BOOT AND ANY ASSOCIATED DAMPERS TO NEW LOCATION AS SHOWN.
6. EXISTING BASE BUILDING RESTROOM EXHAUST TO REMAIN.
7. CONNECT NEW EXHAUST DUCTWORK TO EXISTING TOILET EXHAUST SYSTEM. PROVIDE A FIRE DAMPER OR FIRE/SMOKE DAMPER AS APPROPRIATE AT RATED WALLS.

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PROJECT NORTH

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GEORGIA REGISTERED NATIONAL PROFESSIONAL ENGINEER ALEX MELISSA HENRY

No.	Date	Description
	01/08/2020	ISSUED/RELEASED FOR CONSTRUCTION

Project Name

FranklinStreet

FRANKLIN STREET
3384 PEACHTREE ROAD
NE, SUITE 650
ATLANTA, GA 30326

ISSUE
ISSUED/RELEASED FOR CONSTRUCTION

MECHANICAL PLAN

AH	Drawn
GJ	Checked
As indicated	Scale
01/08/2020	Date
142-001-01	Project No.

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M-1.6
Drawing Number