

711 N. FIELDER RD.  
 ARLINGTON, TX 76012  
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STORE NO. 99

PROJECT: gorjana

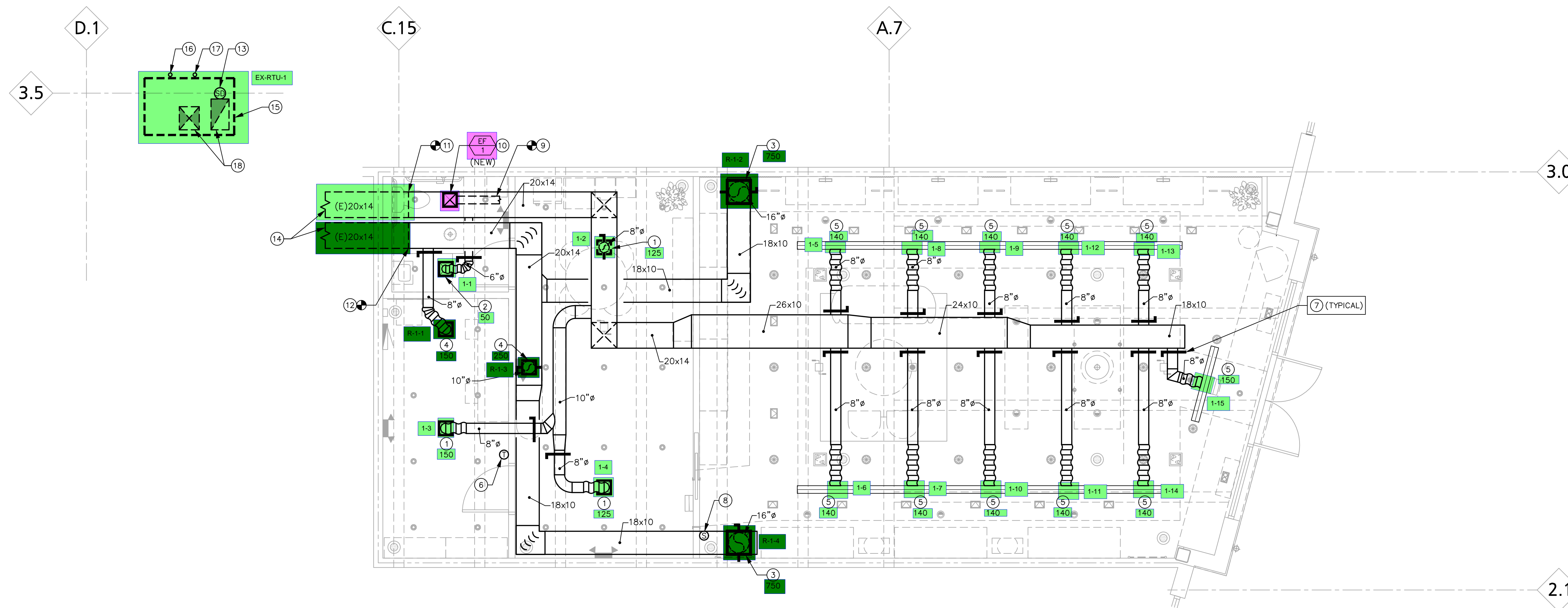
Hilldale Shopping Center  
 420 N. Midvale Blvd.  
 Mall Suite No. S-145  
 Madison, WI 53705



REVISIONS

1	3-28-25 PER LANDLORD

- MECHANICAL PLAN
- MECHANICAL KEYNOTES
- MECHANICAL SYMBOLS



MECHANICAL PLAN

SCALE: 1/4" = 1'-0"

**NOTE:**  
 PRIOR TO CONSTRUCTION/ BID THE CONTRACTOR SHALL VISIT THIS SITE AND FIELD VERIFY THE EXISTING LOCATIONS AND SIZES OF ANY LANDLORD PROVIDED, OR EXISTING, OUTSIDE AIR MAINS, TOILET EXHAUST MAINS, ETC.  
 THE CONTRACTOR SHALL FIELD VERIFY ANY/ CONDITIONS WHICH MAY CONFLICT WITH THE DESIGN SHOWN ON THESE PLANS. NOTIFY ARCHITECT IMMEDIATELY.

**NOTE:**  
 PROVIDE REMOTE CABLE CONTROLLERS AT ALL BALANCING DAMPERS LOCATED IN GYP-BOARD CEILINGS.

DUCTWORK SYMBOLS			
SINGLE	DOUBLE	ABBR.	DESCRIPTION
		●	RECTANGULAR DUCT
		●	ROUND DUCT
		●	45 DEG. TAP: USE AT BRANCH DUCTS ONLY
		●	DUCT SPLIT W/DAMPER: USE AT ELBOWS AND TEES: PROPORTION DUCT AREAS BY CFM'S
		●	CURVED ELBOW-MIN. RADIUS R: 1.5 WIDTH
		●	90 DEG. ELBOW WITH SINGLE RADIUS TURNING VANES
		●	FLEXIBLE DUCT CONNECTION
		FD	FIRE DAMPER
		BD	BALANCING DAMPER (USE O.B.D. UNLESS NOTED OTHERWISE)
		---	NEW TO EXISTING CONNECTION
		●	SPIN-IN FLEX DUCT TAKE-OFF W/DAMPER
●		SA	SUPPLY AIR
●		EXH	EXHAUST AIR
●		RA	RETURN AIR
●		REL	RELIEF AIR
●		OSA	OUTSIDE AIR
●		T	THERMOSTAT X: UNIT OR ZONE NUMBER
●		T	THERMOSTAT W/SHERWOOD GUARD

**LANDLORD NOTES**

- ALL WORK SHALL BE SCHEDULED WITH LANDLORD'S FIELD REPRESENTATIVE.

- KEYED MECHANICAL NOTES**
- 12"x12", 8"ø NECK CD-1. BALANCE TO CFM NOTED.
  - 12"x12", 6"ø NECK CD-1. BALANCE TO CFM NOTED.
  - 20"x20", 18"x18" NECK RR-1. BALANCE TO CFM NOTED.
  - 12"x12", 10"x10" NECK RR-2. BALANCE TO CFM NOTED.
  - 5'-0" LONG, 1-1" SLOT LD-1. BALANCE TO CFM NOTED.
  - 7-DAY PROGRAMMABLE THERMOSTAT WITH REMOTE TEMPERATURE SENSOR. MOUNT AT 48" A.F.F. COORDINATE EXACT LOCATION WITH ARCHITECTURAL DRAWINGS AND THE OWNER'S FIELD REPRESENTATIVE, PRIOR TO INSTALLATION.
  - MANUAL VOLUME DAMPER. BALANCE TO CFM NOTED. PROVIDE WITH CABLE CONTROLLER FOR ALL DAMPERS LOCATED ABOVE GYP BOARD CEILINGS.
  - REMOTE TEMPERATURE. MOUNT @ 72" A.F.F. COORDINATE EXACT LOCATION WITH ARCHITECTURAL DRAWINGS AND THE OWNER'S FIELD REPRESENTATIVE, PRIOR TO INSTALLATION.
  - NEW 6"ø EXHAUST AIR DUCT TO CONNECT TO EXISTING LANDLORD PROVIDED 6"ø TOILET EXHAUST DUCT. FIELD VERIFY EXACT POINT OF CONNECTION.
  - NEW CEILING MOUNTED EXHAUST DUCT.
  - NEW 20"x14" SUPPLY AIR DUCT TO CONNECT TO EXISTING LANDLORD PROVIDED 20"x14" SUPPLY AIR DUCT. FIELD VERIFY.
  - NEW 20"x14" RETURN AIR DUCT TO CONNECT TO EXISTING LANDLORD PROVIDED 20"x14" RETURN AIR DUCT. FIELD VERIFY EXACT POINT OF CONNECTION.
  - EXISTING FACTORY INSTALLED DUCT SMOKE DETECTOR TO SHUT DOWN UNIT UPON DETECTION OF SMOKE.
  - EXISTING LANDLORD PROVIDED 20"x14" SUPPLY AND RETURN AIR DUCTS TO BE REUSED. FIELD VERIFY.
  - EXISTING LANDLORD PROVIDED 5-TON PACKAGED ROOFTOP GAS/ELECTRIC A/C UNIT TO BE USED. BALANCE SUPPLY AIR TO 2000 CFM, OUTSIDE AIR TO 330 CFM. FIELD VERIFY.
  - EXISTING LANDLORD PROVIDED GAS CONNECTION TO REMAIN AS IS. FIELD VERIFY.
  - EXISTING LANDLORD PROVIDED 3/4" CONDENSATE DRAIN LINE TO REMAIN AS IS. FIELD VERIFY.
  - EXISTING LANDLORD PROVIDED 20"x14" SUPPLY AND RETURN AIR DUCT DOWN THROUGH ROOF TO REMAIN AS IS. FIELD VERIFY.