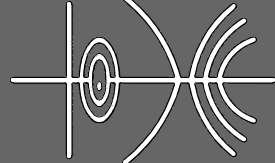


DRAWING ISSUE RECORD		
DATE	REVISIONS	NO.
2-4-2020	SENT TO GUNNETT CO	



KITCHEN / CAFETERIA RENOVATIONS TO:  
SOUTH GWINETTE HIGH SCHOOL  
2280 EAST MAIN STREET SNELLVILLE, GEORGIA 30078-3333

FOR  
GUNNETT COUNTYBOARD OF EDUCATION  
GUNNETT COUNTY, GEORGIA

cunningham, forehand, matthews & moore, architects, inc. • 2011 manchester street, n.e. • atlanta, georgia 30324 • phone (404) 873-2152

M1.1

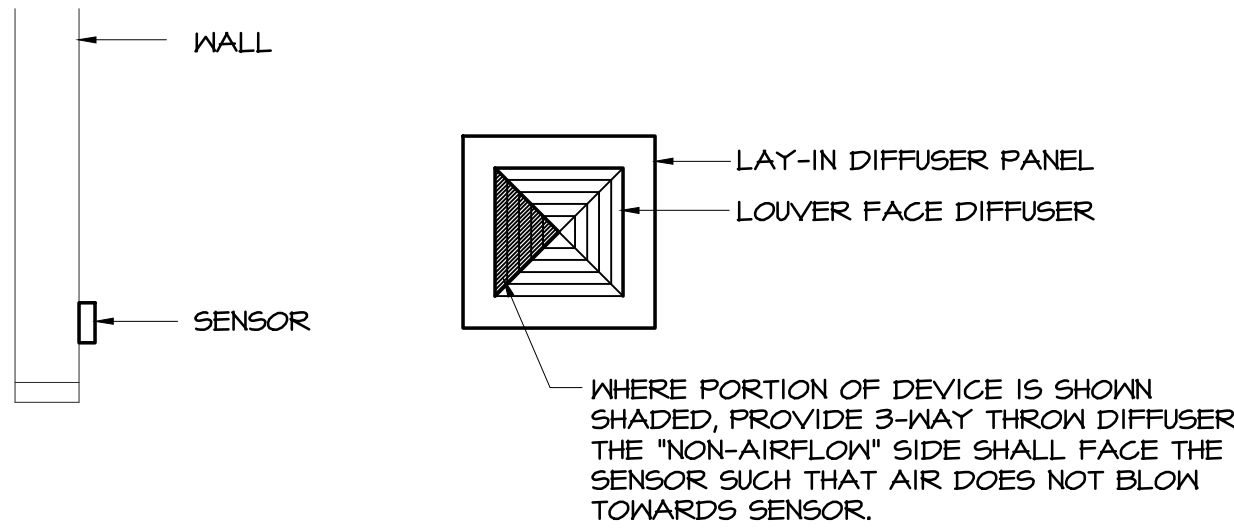
HVAC LEGEND	
SYMBOL	DESCRIPTION
	SUPPLY DUCT
	RETURN OR EXHAUST DUCT
	RECTANGULAR DUCT UP (SUPPLY SHOWN)
	RECTANGULAR DUCT DOWN (SUPPLY SHOWN)
	RECTANGULAR DUCTWORK - 20" SIDE SHOWN x 12" SIDE NOT SHOWN
	DUCTWORK LINED WITH FIBERGLASS DUCT LINER - INSIDE DIMENSION SHOWN
	EXISTING DUCTWORK OR DEVICE TO REMAIN-SIZE REFERENCED FROM ORIG.
	EXISTING DUCTWORK OR DEVICE TO BE REMOVED
	MITERED ELBOW WITH DOUBLE THICKNESS TURNING VANES
	FULL RADIUS ELBOW
	FLEXIBLE CONNECTION
	FLEXIBLE DUCTWORK
	SPIN-IN FITTING WITH SCOOP AND MANUAL DAMPER
	SPIN-IN FITTING WITH MANUAL DAMPER
	SPIN-IN FITTING WITH SCOOP
	ROUND DUCT UP
	ROUND DUCT DOWN
	EMS TEMPERATURE SENSOR
	RISE IN DIRECTION OF ARROW
	DROP IN DIRECTION OF ARROW

NOTE : "E" PREFIX IN PIPE OR EQUIPMENT LABELING INDICATES THAT IT IS EXISTING.

AIR DISTRIBUTION DEVICES					
MARK	TYPE	NOMINAL SIZE	NECK SIZE	BRANCH DUCT SIZE	SERVICE
A	LCD	15 x 15	12"φ	12"φ - FLEX. MAX. 5' LONG	SUPPLY
B	LCG	24 x 24	22 x 22	----	RETURN
ED	EXISTING DEVICE, REBALANCE TO CFM SHOWN				SUPPLY
ES	EXISTING DEVICE				RETURN

AIR DISTRIBUTION DEVICES LEGEND	
SYMBOL	DESCRIPTION
LCD	LAY-IN CEILING SUPPLY DIFFUSER - KRUEGER 55H SQUARE LOUVER FACE ALUMINUM DIFFUSER WITH 24"x24" LAY-IN FRAME, WHITE BAKED ENAMEL FINISH. DIFFUSER SHALL BE FOUR WAY THROW UNLESS OTHERWISE NOTED.
LCG	LAY-IN CEILING RETURN GRILLE - KRUEGER ES05 GRILLE, 1/2"x1/2"x1/2" ALUMINUM GRID CORE WITH 24"x24" LAY-IN FRAME AND DUCT CONNECTION FLANGE, AND WHITE BAKED ENAMEL FINISH.

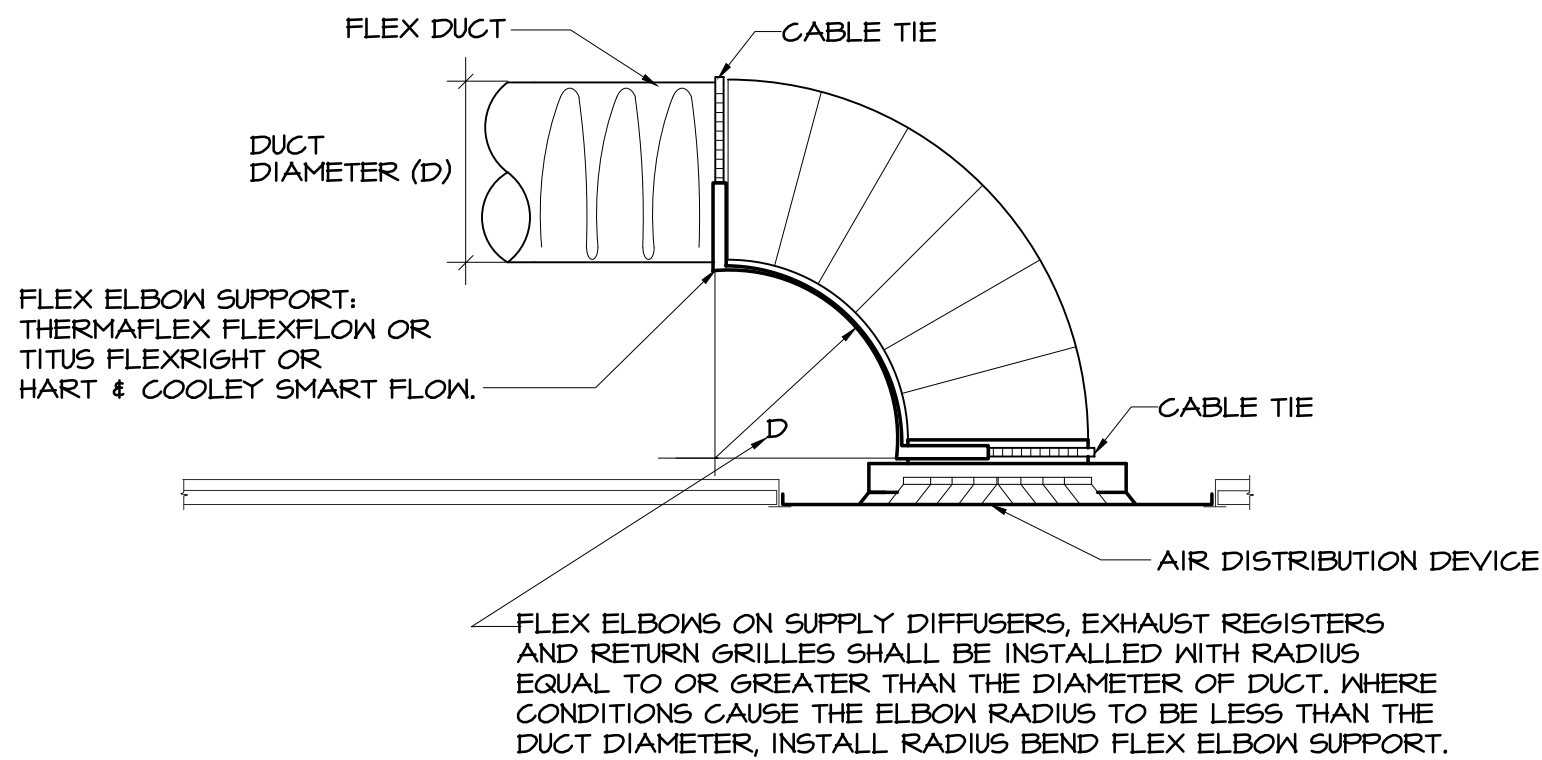
NOTE: MANUFACTURER SHALL FURNISH FINISHED SCREWS FOR ALL AIR DISTRIBUTION DEVICES TO MATCH FINISH OF THAT DEVICE.



NOTE:  
1. TYPICAL WHERE DIFFUSER NEAREST SENSOR BLOWS ON SENSOR.

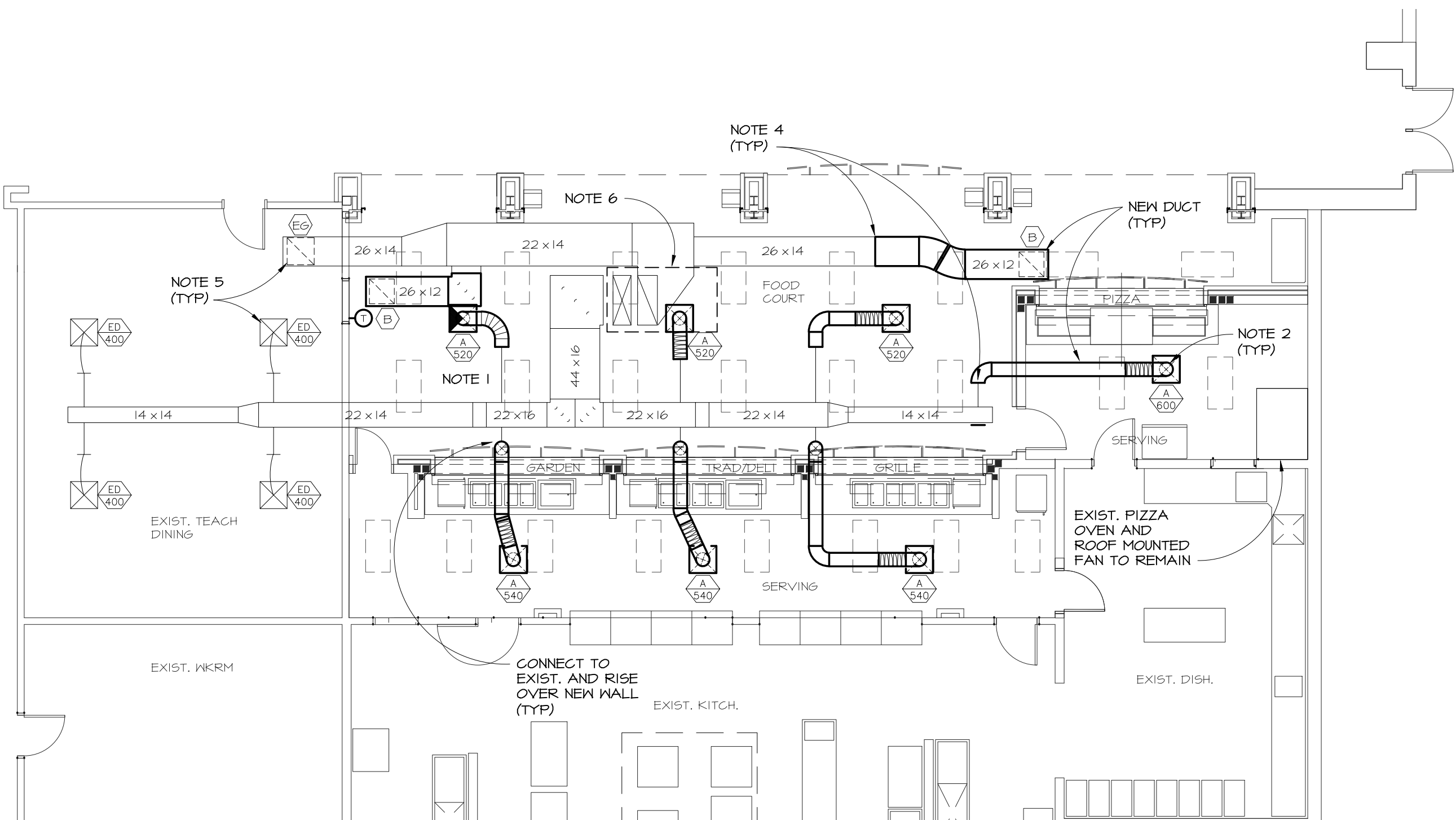
### 3 DIFFUSER BLANK-OFF DETAIL

M1.1 NO SCALE



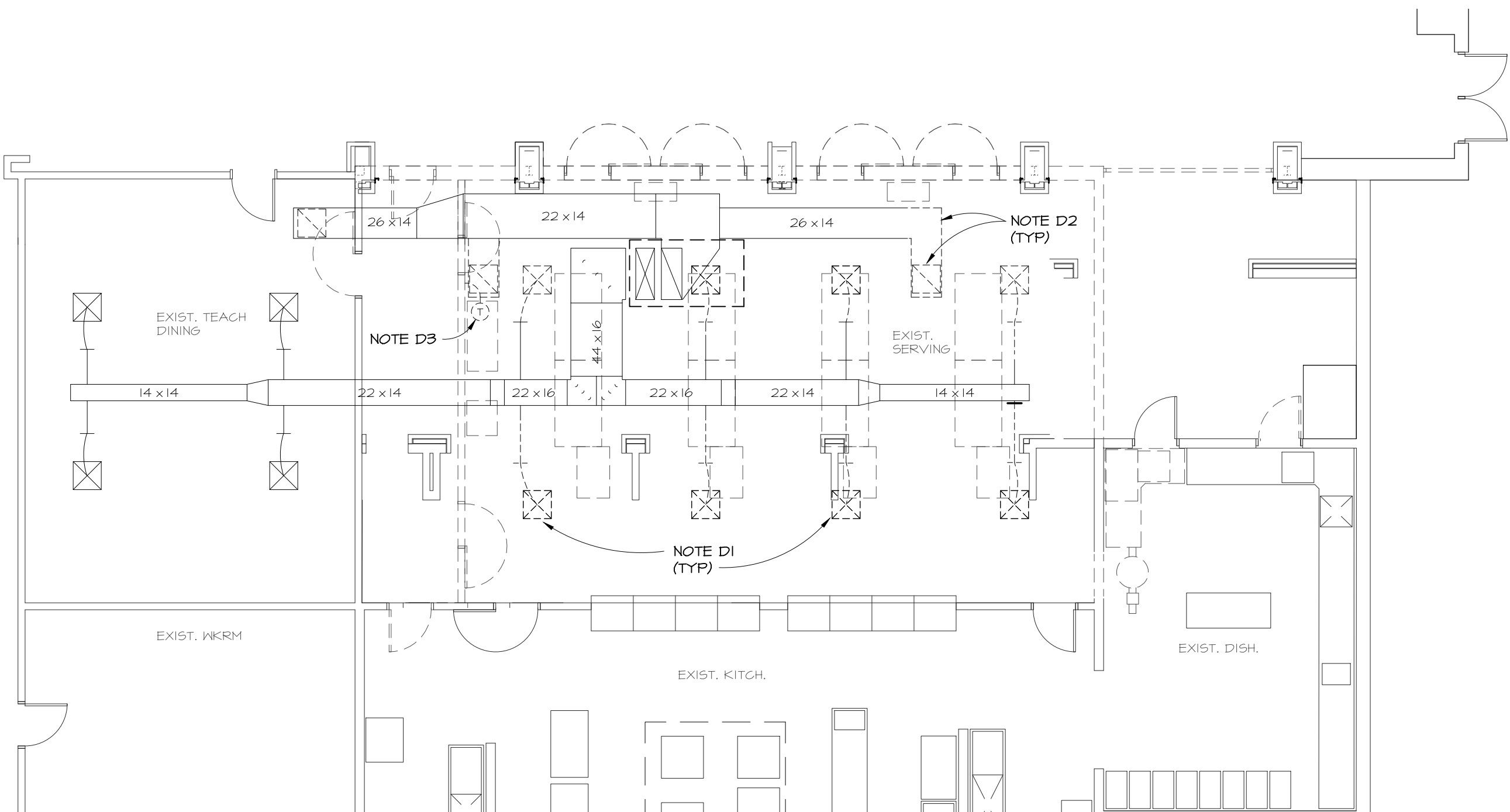
### 4 FLEX SUPPORT DETAIL

M1.1 NO SCALE



### 2 MAIN LEVEL PARTIAL PLAN - NEW WORK - HVAC

M1.1 1/8"=1'-0"



### 1 MAIN LEVEL PARTIAL PLAN - HVAC DEMOLITION

M1.1 1/8"=1'-0"

#### GENERAL NOTES: (ALL SHEETS)

- CONTRACTOR SHALL NOTIFY ENGINEER IN WRITING OF ANY DISCREPANCIES OF EXISTING CONDITIONS FROM THAT SHOWN ON PLANS OR OF ANY CONDITION PROHIBITING WORK TO BE INSTALLED AS SHOWN ON PLANS BEFORE WORK IS BEGUN.
- ALL PENETRATIONS THROUGH FIRE WALLS AND RATED FLOOR SLABS SHALL BE FIRE STOPPED WITH 3H FIRE BARRIER OR EQUAL PRODUCT MEETING UL 1479 OR ASTM E814 FIRE RATINGS IN ACCORDANCE WITH ARTICLE 300-21 OF THE NATIONAL ELECTRICAL CODE.
- ALL AREAS OF THE BUILDING HAVE RETURN AIR PLENUMS ABOVE CEILINGS. ALL MATERIALS EXPOSED WITHIN PLENUMS ARE REQUIRED TO BE NONCOMBUSTIBLE OR SHALL HAVE A FLAME SPREAD INDEX OF NOT MORE THAN 25 AND A SMOKE DEVELOPED INDEX OF NOT MORE THAN 50 AS DETERMINED IN ACCORDANCE WITH ASTM E84.
- WHERE DUCT LINER IS INDICATED ON THE DRAWINGS THE DUCT SIZES SHOWN ON THE DRAWINGS ARE CLEAR INSIDE DIMENSIONS AFTER THE LINER IS INSTALLED. INCREASE THE SIZE OF THE METAL DUCT TO ALLOW FOR THE LINER.
- CONTRACTOR SHALL PROTECT THE OWNER'S EQUIPMENT FROM DUST, DEBRIS AND DAMAGE AT ALL TIMES DURING THE CONSTRUCTION PROCESS.

#### REFERENCED NOTES:

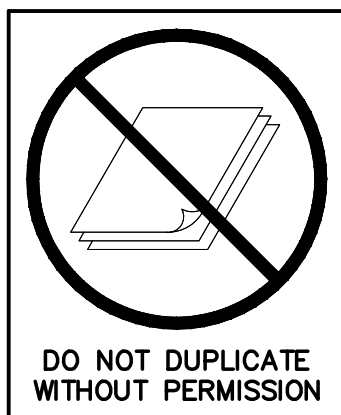
- SHADED DIFFUSER QUADRANT INDICATES 3-WAY DIFFUSER ORIENTED TO BLOW AWAY FROM SHADED PORTION. SEE DETAIL 3M1.1.
- INSTALL FLEX SUPPORT, TYPICAL ON DIFFUSERS AND GRILLES. SEE DETAIL 4M1.1.
- REINSTALL WALL MOUNTED TEMPERATURE SENSOR.
- CONNECT TO EXISTING DUCTWORK.
- VACUUM SPRAY WITH HOUSEHOLD TYPE CLEANER AND WIPE CLEAN ALL EXISTING AIR DISTRIBUTION DEVICES THAT ARE REMAINING AFTER NEW WORK IS COMPLETE.
- EXISTING 15 TON RTU TO REMAIN. REBALANCE AIR DISTRIBUTION SYSTEM TO AIR QUANTITIES INDICATED.

#### GENERAL DEMOLITION NOTES: (1/M1.1 ONLY)

- DA. GENERALLY ITEMS SHOWN DASHED ARE TO BE REMOVED AND ITEMS SHOWN WITH SOLID LINE ARE TO REMAIN.
- DB. WHERE CONTROL DEVICES ARE REMOVED & NOT REPLACED, COVER HOLE WITH STAINLESS STEEL COVER PLATE.
- DC. WHERE EXISTING EQUIPMENT, DUCT, PIPE, ETC. IS BEING REMOVED AND NOT REPLACED IN SAME LOCATION, REMOVE ALL EXISTING SUPPORT HARDWARE, BRACKETS, STRAPS, ETC..
- DD. SEE 2/M1.1 FOR NEW WORK PRIOR TO BEGINNING ANY DEMOLITION TO VERIFY WHAT DUCTWORK, ETC. IS TO REMAIN.
- DE. THE OWNER RESERVES THE RIGHT TO SALVAGE EQUIPMENT OR MATERIALS THAT HAVE BEEN REMOVED.

#### DEMOLITION REFERENCE NOTES: (1/M1.1 ONLY)

- D1. REMOVE EXISTING SUPPLY DIFFUSER AND FLEXIBLE DUCTWORK. PATCH, SEAL AND INSULATE DUCT WHERE NO NEW DUCT IS CONNECTED.
- D2. REMOVE EXISTING GRILLE AND DUCTWORK SHOWN DASHED.
- D3. REMOVE EXISTING TEMPERATURE SENSOR.



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