

**Upstate
Developers
LLC**

500 Level
Loft HVAC
plan

GRILLS SCHEDULE					
Tag No.	Description	CFM	SIZES	QTY.	TOTAL
SG1	UNIT-502	209	14" x 6"	2 SD	02
SG2	UNIT-504,522	128	14" x 4"	2 SD	04
SG3	UNIT-504, 522	357	26" x 6"	2 SD	04
SG4	UNIT-524	140	16" x 4"	2 SD	04
SG5	UNIT-524	313	22" x 6"	3 SD	03
RG6	UNIT-524	1967	30" x 30"	1 SD	01

A Goodman air conditioning unit and a Goodman furnace. The furnace is a tall, black, rectangular unit on the left, and the air conditioning unit is a shorter, wider, grey and black unit on the right. Both units feature the Goodman logo.

- (1) ALL SUPPLY AND RETURN GRILLS WITH DAMPER.
- (2) The levels 200 to 500 dryer duct up to Roof Level.
- (3) All Ref. Pipes will go to the roof through demising walls.
- (4) DUCTWORK
 - All HVAC Systems are to use spiral duct.
 - Supply and Return air plenum can be rectangular with transition to round duct.
 - Return air plenum should have sound reduction, and filter racks for MERV 8 filters.
 - Return air with 90 Degree turn to reduce air noise, ducts lined for reduce air noise, or use duct board.
 - All units with return filter rack with grill.
 - In cases where air handler sits over a hallway, turn the return air down. The air will be ducted through the ceiling with grill and filter rack available for servicing from ceiling side.
- (5) The ERV fresh air intake and exhaust air outlet reach free air, they must have 10' of horizontal separation.

	SUPPLY AIR
	RETURN AIR
	EXHAUST AIR
	FRESH AIR
	REFEREGENT PIPE

500 LOFT LEVEL HVAC LAYOUT