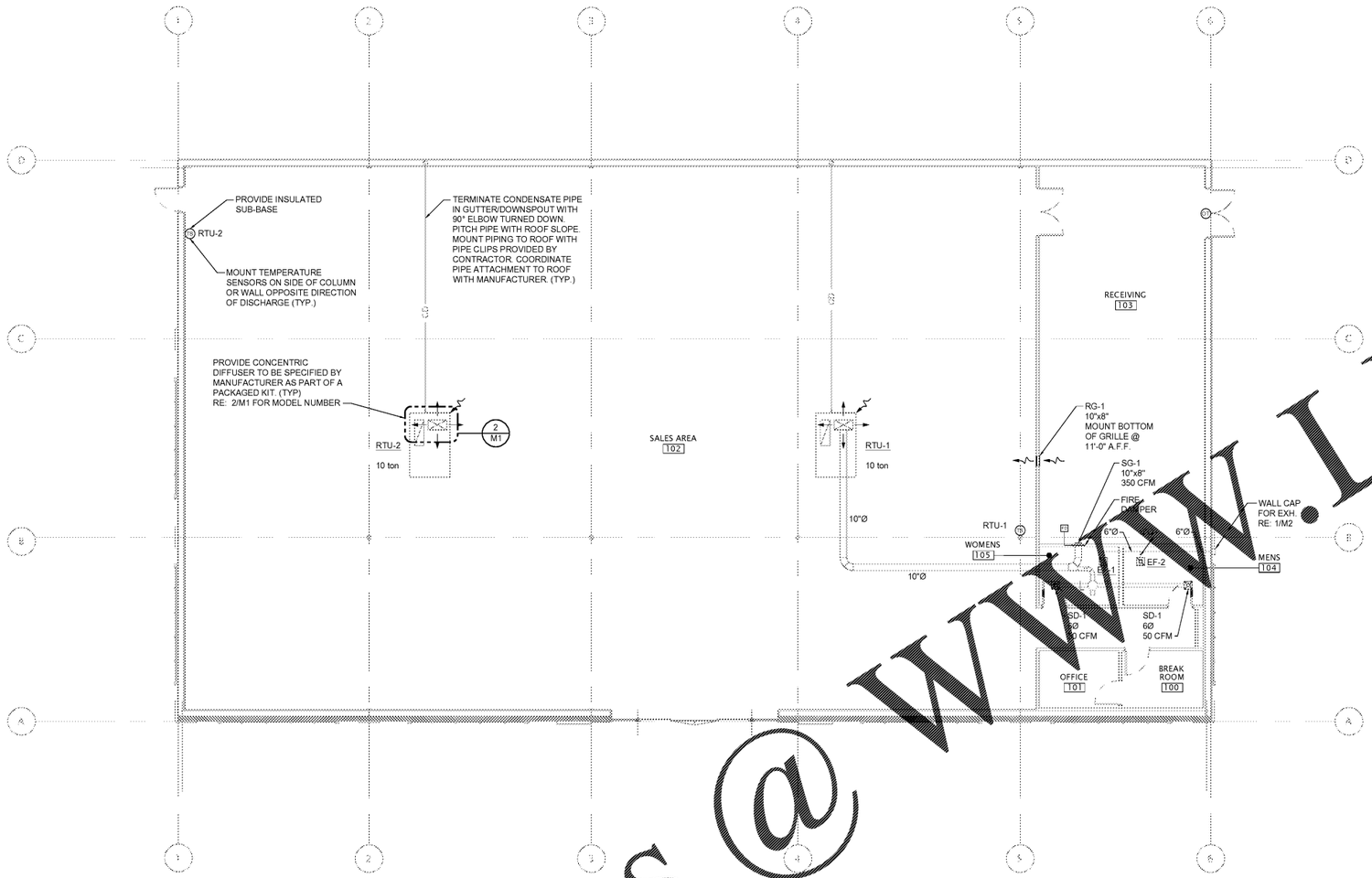


HVAC LAYOUT

Scale: 1/8" = 1'-0"

NORTH

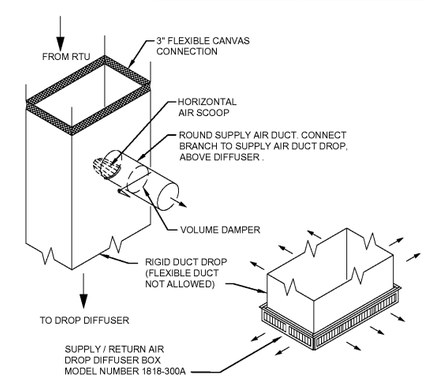
GENERAL NOTES

1. GENERAL NOTES ARE APPLICABLE TO ALL HVAC DRAWINGS.
2. PERFORM WORK IN ACCORDANCE WITH THE LATEST EDITIONS, REVISIONS, AMENDMENTS, OR SUPPLEMENTS OF APPLICABLE STATUTES, ORDINANCES, CODES OR REGULATIONS OF FEDERAL, STATE, AND LOCAL AUTHORITIES HAVING JURISDICTION IN EFFECT ON THE DATE BIDS ARE RECEIVED.
3. WHERE APPROVED STANDARDS HAVE BEEN ESTABLISHED BY OSHA, UNDERWRITERS LABORATORIES, AMERICAN CODES, ASA, ASHRAE, ARI, NEC, STATE FIRE INSURANCE REGULATION BODY, NFPA OR OTHERS.
4. THESE STANDARDS SHALL BE FOLLOWED WHETHER OR NOT INDICATED ON THE DRAWING AND SPECIFICATIONS.
5. ALL DUCT TO BE OF 2" PRESSURE CLASS, UNLESS NOTED OTHERWISE.
6. LIGHT FIXTURE LOCATIONS TAKE PRECEDENCE OVER DIFFUSER AND GRILLE LOCATIONS. LOCATE DIFFUSERS AND GRILLES TO ACCOMMODATE LIGHTING LAYOUT.
7. PROVIDE TURNING VANES IN RETURN DUCT ELBOWS. PROVIDE TURNING VANES IN RETURN AND EXHAUST ELBOWS ONLY WHERE INDICATED ON PLANS.
8. DUCT SIZES SHOWN ARE NET FREE AREA.
9. PROVIDE FLEXIBLE DUCT CONNECTION BETWEEN AIR CONDITIONING UNIT AND DUCTWORK.
10. WHERE SINGLE SUPPLY DUCTS SPLIT INTO TWO DUCTS MAINTAIN EACH BRANCH DUCT SIZE THROUGH SPLITTER FITTING AND PROVIDE SINGLE TRANSITION ON UPSTREAM SIDE OF SPLITTER FITTING.
11. DUCT DETECTORS SHALL BE ACCESSIBLE FOR CLEANING AND MOUNTED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTION. ACCESS DOORS AND/OR PANELS SHALL BE PROVIDED IN ACCORDANCE WITH NFPA 90A. THE LOCATION OF ALL DETECTORS IN AIR DUCT SYSTEMS SHALL BE PERMANENTLY AND CLEARLY IDENTIFIED AND RECORDED.

LEGEND

T	THERMOSTAT CONTROL
SD	SMOKE DETECTOR
TS	TEMPERATURE SENSOR
OT	OUTSIDE AIR TEMPERATURE SENSOR
	SUPPLY DUCT IN SECTION
	RETURN OR EXHAUST DUCT IN SECTION
	VOLUME CONTROL DAMPER
	FIRE DAMPER
	CEILING SUPPLY DIFFUSER
	CEILING RETURN GRILLE
1	NOTES BY SYMBOL

CFM	CUBIC FEET PER MINUTE	NK	NECK
		AFF	ABOVE FINISHED FLOOR
DN	DOWN		
CD	CONDENSATE DRAIN	EXH.	EXHAUST
SA	SUPPLY AIR	REQ'D	REQUIRED
RA	RETURN AIR	DMPR	DAMPER
FD	FIRE DAMPER		



NOTE:
INSTALL HORIZONTAL AIR SCOOP HAVING A CONTINUOUSLY CURVED CROSS SECTION AND BALANCING DAMPER AT DUCT CONNECTION TO DIVERT SUPPLY AIR INTO THE CONNECTED DUCTWORK. LENGTH OF SCOOP SHALL BE LIMITED TO THE WIDTH OF THE SUPPLY AIR ANNULAR SPACE.

2 SUPPLY BRANCH CONNECTION DETAIL

N.T.S.

Florida Business License: AA26001620

NORR

CONSULTANT:

SEAL: HENRY D MONTAGUE, PE 78172

THIS DRAWING SHALL NOT BE USED FOR CONSTRUCTION PURPOSES UNTIL THE SEAL AND SIGNATURE OF THE RESPONSIBLE REGISTRANT APPEARS ON THE DRAWING, AND PROPER PERMIT FORMS AND RELATED FEES ARE TRANSMITTED BY THE OWNER, OWNER'S AGENT OR CONTRACTOR TO THE AUTHORITY HAVING JURISDICTION.

DATE	ISSUED FOR	REV
12/01/2017	PEMB COORDINATION	
01/17/2018	PERMIT SUBMITTAL	

Project Manager B.COLBURN	Drawn T. PATTERSON
Project Leader B.COLBURN	Checked H. MONTAGUE
Date 11/20/2017	Dept Mgr Approval H. MONTAGUE

Client
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Project
DOLLAR GENERAL
US 19 & Pine Forest Dr.
Spring Hill (Hernando County), FL

Drawing Title
HVAC LAYOUT

DO NOT SCALE DRAWING

Project No.	Drawing No.
JCDT17.0325.00	M1

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