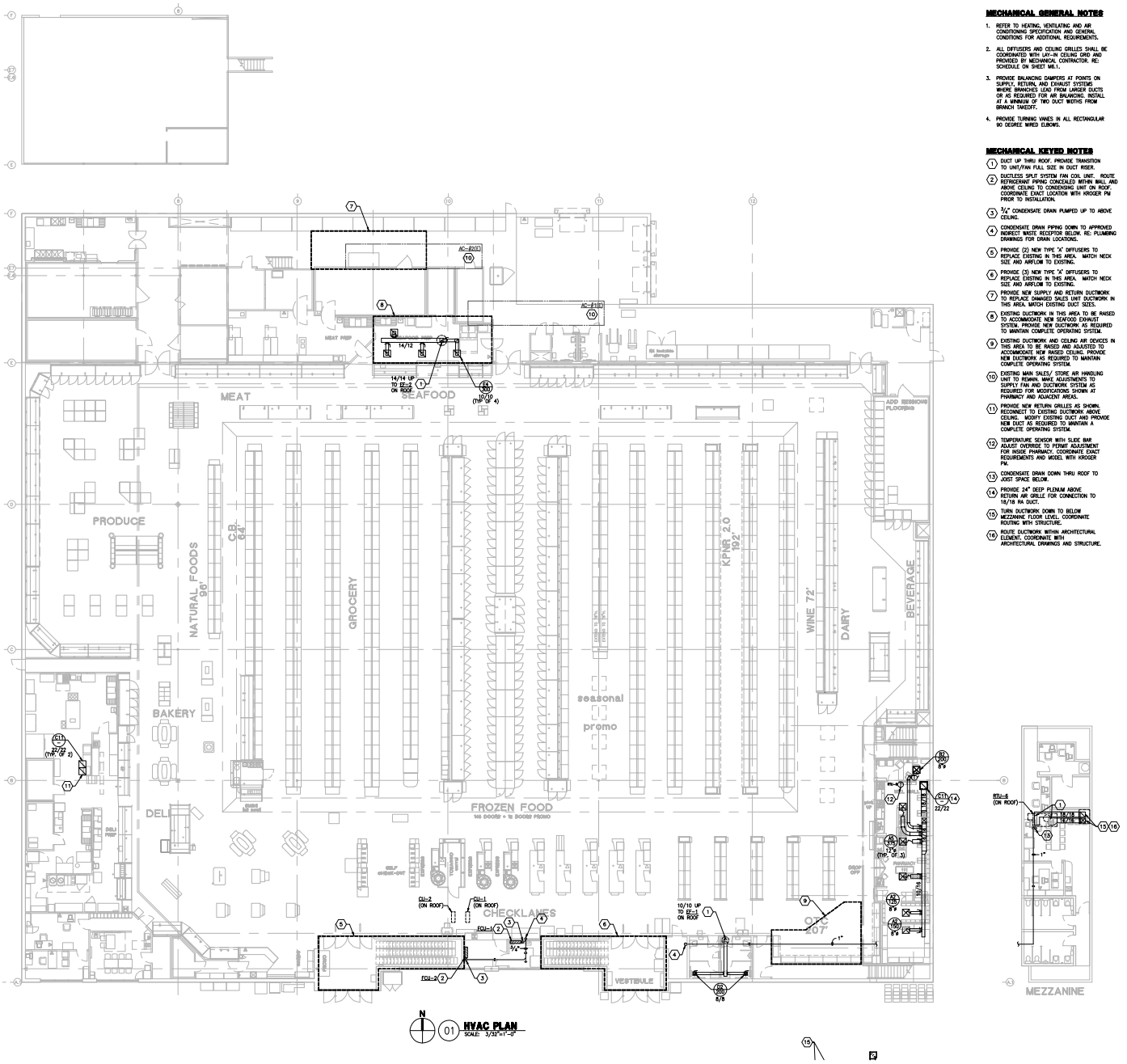

01 **HVAC PLAN**
SCALE: 3/32"=1'-0"

MECHANICAL GENERAL NOTES

1. REFER TO HEATING, VENTILATING AND AIR CONDITIONING SPECIFICATION AND GENERAL CONDITIONS FOR ADDITIONAL REQUIREMENTS.
2. ALL DIFFUSERS AND CEILING GRILLES SHALL BE COORDINATED WITH LAY-IN CEILING GRID AND PROVIDED BY MECHANICAL CONTRACTOR. RE: SCHEDULE ON SHEET M0.1.
3. PROVIDE BALANCING DAMPERS AT POINTS ON SUPPLY, RETURN, AND EXHAUST SYSTEMS WHERE BRANCHES LEAD FROM LARGER DUCTS OR AS REQUIRED FOR AIR BALANCING. INSTALL AT A MINIMUM OF TWO DUCT WIDTHS FROM BRANCH TAKEOFF.
4. PROVIDE TURNING VANES IN ALL RECTANGULAR 90 DEGREE MITRED ELBOWS.

MECHANICAL KEYED NOTES

1. DUCT UP THRU ROOF. PROVIDE TRANSITION TO UNIT/FAN FULL SIZE IN DUCT RISER.
2. DUCTLESS SPLIT SYSTEM FAN COIL UNIT. ROUTE REFRIGERANT PIPING CONCEALED WITHIN WALL AND ABOVE CEILING TO CONDENSING UNIT ON ROOF. COORDINATE EXACT LOCATION WITH KROGER PM PRIOR TO INSTALLATION.
3. ¾" CONDENSATE DRAIN PUMPED UP TO ABOVE CEILING.
4. CONDENSATE DRAIN PIPING DOWN TO APPROVED INDIRECT WASTE RECEPTOR BELOW. RE: PLUMBING DRAWINGS FOR DRAIN LOCATIONS.
5. PROVIDE (2) NEW TYPE 'A' DIFFUSERS TO REPLACE EXISTING IN THIS AREA. MATCH NECK SIZE AND AIRFLOW TO EXISTING.
6. PROVIDE (3) NEW TYPE 'A' DIFFUSERS TO REPLACE EXISTING IN THIS AREA. MATCH NECK SIZE AND AIRFLOW TO EXISTING.
7. PROVIDE NEW SUPPLY AND RETURN DUCTWORK TO REPLACE DAMAGED SALES UNIT DUCTWORK IN THIS AREA. MATCH EXISTING DUCT SIZES.
8. EXISTING DUCTWORK IN THIS AREA TO BE RAISED TO ACCOMMODATE NEW SEAFOOD EXHAUST SYSTEM. PROVIDE NEW DUCTWORK AS REQUIRED TO MAINTAIN COMPLETE OPERATING SYSTEM.
9. EXISTING DUCTWORK AND CEILING AIR DEVICES IN THIS AREA TO BE RAISED AND ADJUSTED TO ACCOMMODATE NEW RAISED CEILING. PROVIDE NEW DUCTWORK AS REQUIRED TO MAINTAIN COMPLETE OPERATING SYSTEM.
10. EXISTING MAIN SALES/ STORE AIR HANDLING UNIT TO REMAIN. MAKE ADJUSTMENTS TO SUPPLY FAN AND DUCTWORK SYSTEM AS REQUIRED FOR MODIFICATIONS SHOWN AT PHARMACY AND ADJACENT AREAS.
11. PROVIDE NEW RETURN GRILLES AS SHOWN. RECONNECT TO EXISTING DUCTWORK ABOVE CEILING. MODIFY EXISTING DUCT AND PROVIDE NEW DUCT AS REQUIRED TO MAINTAIN A COMPLETE OPERATING SYSTEM.
12. TEMPERATURE SENSOR WITH SLIDE BAR ADJUST OVERRIDE TO PERMIT ADJUSTMENT FOR INSIDE PHARMACY. COORDINATE EXACT REQUIREMENTS AND MODEL WITH KROGER PM.
13. CONDENSATE DRAIN DOWN THRU ROOF TO JOIST SPACE BELOW.
14. PROVIDE 24" DEEP PLENUM ABOVE RETURN AIR GRILLE FOR CONNECTION TO 18/18 RA DUCT.
15. TURN DUCTWORK DOWN TO BELOW MEZZANINE FLOOR LEVEL. COORDINATE ROUTING WITH STRUCTURE.
16. ROUTE DUCTWORK WITHIN ARCHITECTURAL ELEMENT. COORDINATE WITH ARCHITECTURAL DRAWINGS AND STRUCTURE.

RECORD DRAWING

THIS RECORD DRAWING HAS BEEN PREPARED BASED ON INFORMATION PROVIDED BY OTHERS. THE DESIGN PROFESSIONAL HAS NOT VERIFIED THE ACCURACY AND/OR COMPLETENESS OF THIS INFORMATION AND SHALL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH MAY BE INCORPORATED HEREIN AS A RESULT.

KROGER
SW-521
MINOR WITHIN THE WALLS REMODEL
2109 HARWOOD DR.
BEDFORD, TEXAS
A DEVELOPMENT OF:
KROGER

ISSUE LOG

NO.	DESCRIPTION	DATE
	AS-BUILTS	11.04.14

O'BRIEN
5310 HARVEST HILL RD.
SUITE 136
DALLAS, TEXAS 75230
972 . 788 . 1010
www.obrienarch.com

JOHN O'BRIEN - ARCHITECT
REGISTRATION NO. 4916

DATE:	JOB:	SCALE:
07.25.2013	13321	AS NOTED

SHEET NO.
M1.1
HVAC PLAN

COPYRIGHT © 2013 O'BRIEN. THESE DRAWINGS, OR PARTS THEREOF, MAY NOT BE REPRODUCED IN ANY FORM BY ANY METHOD, FOR ANY PURPOSE, WITHOUT PRIOR WRITTEN CONSENT FROM O'BRIEN.