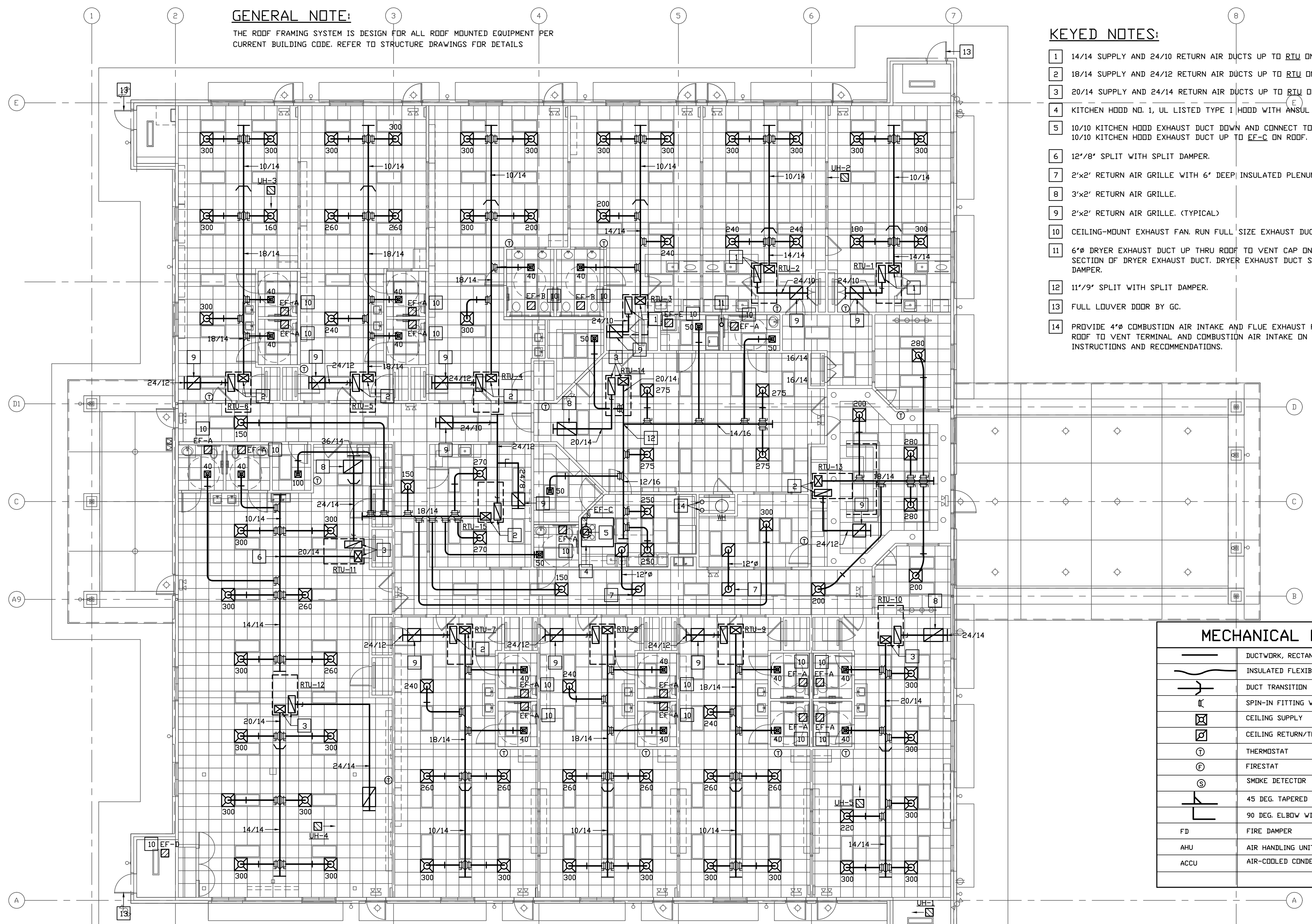


REVISIONS AND ISSUANCE		
NO.	DATE	DESCRIPTION
04/17/2019		PRICING ONLY
06/07/2019		ISSUE FOR PERMIT

GENERAL NOTE:
 THE ROOF FRAMING SYSTEM IS DESIGN FOR ALL ROOF MOUNTED EQUIPMENT PER CURRENT BUILDING CODE. REFER TO STRUCTURE DRAWINGS FOR DETAILS

- KEYED NOTES:**
- 14/14 SUPPLY AND 24/10 RETURN AIR DUCTS UP TO RTU ON ROOF.
 - 18/14 SUPPLY AND 24/12 RETURN AIR DUCTS UP TO RTU ON ROOF.
 - 20/14 SUPPLY AND 24/14 RETURN AIR DUCTS UP TO RTU ON ROOF.
 - KITCHEN HOOD NO. 1, UL LISTED TYPE I HOOD WITH ANSUL R-102 FIRE SUPPRESSION SYSTEM.
 - 10/10 KITCHEN HOOD EXHAUST DUCT DOWN AND CONNECT TO KITCHEN HOOD WITH TRANSITION. 10/10 KITCHEN HOOD EXHAUST DUCT UP TO EF-C ON ROOF. RE: DETAIL 02/M3.0
 - 12"/8" SPLIT WITH SPLIT DAMPER.
 - 2"x2' RETURN AIR GRILLE WITH 6" DEEP INSULATED PLENUM. (TYP. OF 2)
 - 3"x2' RETURN AIR GRILLE.
 - 2"x2' RETURN AIR GRILLE. (TYPICAL)
 - CEILING-MOUNT EXHAUST FAN. RUN FULL SIZE EXHAUST DUCT FROM FAN DISCHARGE TO ROOF CAP.
 - 6" DRYER EXHAUST DUCT UP THRU ROOF TO VENT CAP ON ROOF. PROVIDE CLEANDUT FOR VERTICAL SECTION OF DRYER EXHAUST DUCT. DRYER EXHAUST DUCT SHALL BE TERMINATED WITH A BACKDRAFT DAMPER.
 - 11"/9" SPLIT WITH SPLIT DAMPER.
 - FULL LOUVER DOOR BY GC.
 - PROVIDE 4" COMBUSTION AIR INTAKE AND FLUE EXHAUST PIPES FROM WATER HEATER UP THRU ROOF TO VENT TERMINAL AND COMBUSTION AIR INTAKE ON ROOF PER HEATER MANUFACTURER'S INSTRUCTIONS AND RECOMMENDATIONS.



MECHANICAL LEGEND	
	DUCTWORK, RECTANGULAR OR ROUND
	INSULATED FLEXIBLE DUCT
	DUCT TRANSITION
	SPIN-IN FITTING WITH VOLUME DAMPER
	CEILING SUPPLY
	CEILING RETURN/TRANSFER
	THERMOSTAT
	FIRESTAT
	SMOKE DETECTOR
	45 DEG. TAPERED BRANCH
	90 DEG. ELBOW WITH TURN VANES
	FIRE DAMPER
	AIR HANDLING UNIT
	AIR-COOLED CONDENSING UNIT

IVY KIDS EARLY LEARNING CENTER
 LOT COM2I
 CROSS CREEK RANCH
 6407 CROSS CREEK BEND LANE
 FULSHEAR, TX 77441

MEP Consultants
 BLK Engineering & Consulting Co.
 3423 Spring Arbor Ln.
 Sugar Land, TX 77479
 (t) 832.563.3127
 TBPE Firm #12672



01 FLOOR PLAN - MECHANICAL
 SCALE: 1/8" = 1'-0"

DRAWING TITLE	
MECHANICAL FLOOR PLAN	
DRAWN BY FK	CHECKED BY CK
DATE 04/10/2019	JOB NO. FULSHEAR
DRAWING NO. M-1.0	