

1 MECHANICAL PLAN
SCALE: 3/16"=1'-0"

FLEX DUCT SIZING CHART

DIA.	CFM
6"	65-75
7"	99-130
8"	131-180
9"	181-225
10"	226-350
12"	351-540
14"	541-780
16"	781-1050
18"	1051-1450
20"	1451-1750
22"	1751-2200
24"	2201-2800

- FACTORY AND FIELD INSTALLED OPTIONS**
1. CURB MOUNTED
 2. ECONOMIZER FOR ALL UNITS 2000 CFM OR LARGER
 3. HAILGUARD
 4. SMOKE DETECTOR SUPPLY AND/OR RETURN

PLAY FIELD - 5715 SF X 0.03 = 1715 CFM

HEAT @ 2.5 BTU/CF = 114,300 X 2.5 = 285,750 BTU
2 - 150,000 OR 3 - 100,000 BTU

L-1 - GREENHECK - EAD-601 W/POWER ACTUATOR
30"X27" - BIRD SCREEN, WALL FLANGE, EXTENDED SILL

HVAC UNITS											
UNIT NO.	NOM. COOLING (TONS)	MANUF.	MODEL	ORIENTATION	FLOW (CFM)	IEER	HEATING PERFORMANCE HEAT OUTPUT GAS	ELECTRICAL DATA			NET WT. (LBS)
								VOLTAGE	MCA	MOCP	
RTU-1	4T	LENNOX	LGH048S4T	HORZ.	1600	15	65,000 BTU	120/208, 3PH	23	35	626 LBS.
RTU-2	6T	LENNOX	LGH072H4B	HORZ.	2400	13.5	65,000 BTU	120/208, 3PH	32	50	781 LBS.
RTU-3	5T	LENNOX	LGH060S4T	HORZ.	2000	15.5	65,000 BTU	120/208, 3PH	28	40	704 LBS.

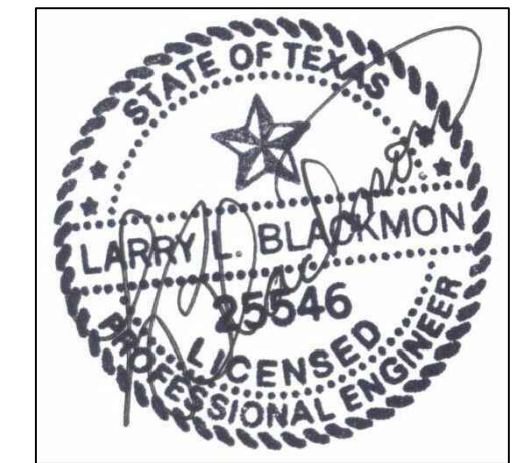
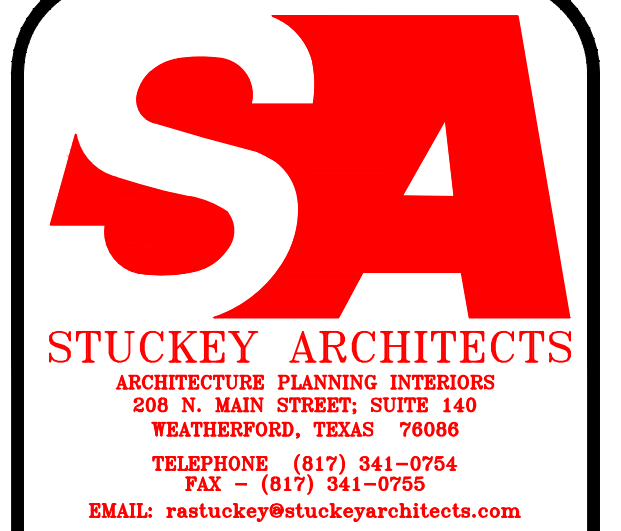
ALL A/C UNITS 2000 CFM OR LARGER MUST HAVE ECONOMIZER.

EXHAUST FAN SCHEDULE		
MARK	EF-1	EF-2
CFM	684	2085
V/ PHASE	120/ 1 PH	120/ 1 PH
WATTS	301	1000
CURB	NO	NO
MANUFACTURER	COOK	GREENHECK
MODEL	GC-72	SBE1H24-4

MECHANICAL LEGEND	
	24"X24" TITUS TDC4 SUPPLY GRILLE
	24"X24" TITUS 300 SERIES RETURN GRILLE
	EXHAUST FAN (CFM PER SCHEDULE)
	DIGITAL PROGRAMABLE THERMOSTAT

NOTE TO CONTRACTORS

THE INTENT OF THE DRAWINGS HEREIN IS TO REPRESENT A COMPLETE WORKING SYSTEM PER ALL CODES. ALL CONTRACTORS SHALL BE RESPONSIBLE FOR PROVIDING AND INSTALLING ALL COMPONENTS NECESSARY TO PROVIDE A COMPLETE WORKING SYSTEM PER ALL CODES. WHETHER SHOWN OR NOT SHOWN ON THE DRAWINGS



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MECHANICAL PLAN

REVISIONS

DRAWN BY: DLP PROJ. MGR.: LLB
DATE: PROJ. NO:

SHEET NO.

M1.1

SHEET OF

ALEDO, TEXAS