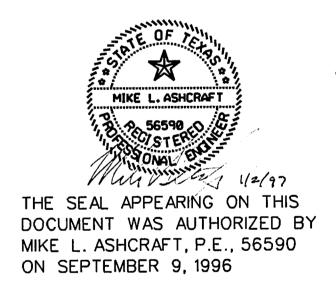
MECHANICAL SYMBOLS								
NOT ALL SYMBOLS ARE NECESSARILY USED ON THIS PROJECT								
A	AIR DEVICE DESIGNATION	12×12	DUCT (SIZE IN INCHES, FIRST FIG. SIDE SHOWN)					
Û	THERMOSTAT		90 DEGREE RECTANGULAR ELBOW UP					
	PIPE CAP OR BLIND FLANGE		90 DEGREE RECTANGULAR ELBOW DOWN					
	RISER DOWN (ELBOW)		DUCT SECTION - SUPPLY					
<u> </u>	RISER UP (ELBOW)		CONDENSATE DRAIN LINE					
R	INDICATING LIGHT (R-RED: Y-YELLOW: G-GREEN)	•	POINT OF CONNECTION - NEW TO EXISTING					
— F —	FIRE LINE							
PD	PUMP DISCHARGE LINE		DUCT SECTION - EXHAUST, RETURN, OUTSIDE OR RELIEF					
— р —	DRAIN LINE	S	CARBON MONIXIDE SENSOR					
─	FIRE HOSE VALVE	_	ROADWAY DRAIN					

	ABBREVIATIONS AND	SERVICE DESIGNATIONS	
AC ABOVE CEILING ACFM ACTUAL CUBIC FEET PER MINUTE AD AIR DRYER AMB AMBIENT AMP AMPERE ARCH ARCHITECTURE ASR AUTOMATIC SPRINKLER RISER AUX AUXILIARY AVG AVERAGE AFF ABOVE FINISHED FLOOR BE BOTTOM ELEVATION BF BELOW FLOOR, BOILER FEEDWATER BFC BELOW FINISHED FLOOR BG BELOW GRADE BLOW GRADE BLOW GRADE BLOW BOTTOM OF DUCT BOP BOTTOM OF PIPE BOT BOTTOM BTUH BRITISH THERMAL UNITS PER HOUR BYP BYPASS C/B CIRCUIT BREAKER CAP CAPICITY CFH CUBIC FEET PER HOUR CFM CUBIC FEET PER MINUTE CIP CAST IRON PIPE CKT CIRCUIT CL CENTER LINE CLG CEILING CO CLEAN OUT COLUMN COND'S CONDITIONS CONN CONNECTION CU CONDENSING UNIT DET DETAIL DF DRINKING FOUNTAIN	DIA DIAMETER DISCH DISCHARGE DN DOWN DWG DRAWING DS DOWNSPOUT (STORM SEWER) D DRAIN E EXISTING EA EACH EAT ENTERING AIR TEMPERATURE EDH ELECTRIC DUCT HEATER EF EXHAUST FAN EFF EFFICIENCY ELEC ELECTRICAL EP EXPLOSION PROOF ENT ENTERING EUH ELECTRIC UNIT HEATER EXP EXPANSION EXT EXTERNAL ELEV ELEVATION EWC ELECTRICAL WATER COOLER FCU FAN COIL UNIT F FAHRENHEIT FCO FLOOR CLEANOUT FD FIRE DAMPER FD-1 FLOOR DRAIN, TYPE 1 FDC FIRE DEPARTMENT CONNECTION FEXT FIRE EXTINGUISHER FLEX FLEXIBLE FPB FAN POWER BOX FPI FINS PER INCH FPM FEET PER SECOND FT FOOT, FEET FT2 SQUARE FEET FLA FULL LOAD AMPERES FS FREEZE STAT	FEC FIRE EXTINGUISHER CABINET G GAS LOW PRESSURE GA GAGE GAL GALLON GCO GRADE CLEANOUT GPM GALLONS PER MINUTE GPH GALLONS PER HOUR HAD HEAT ACTUATING DEVICE HD HUB DRAIN HGT HEIGHT HORI HORIZONTAL HP HORSEPOWER HZ HERTZ IE INVERT ELEVATION IN INCH KW KILOWATT LAT LEAVING AIR TEMPERATURE LG LENGTH LVG LEAVING MAN MANUAL MAX MAXIMUM MECH MECH MIN MINIMUM, MINUTE MVD MANUAL VOLUME DAMPER NO NORMALLY OPEN, NUMBER NTS NOT TO SCALE NC NORMALLY CLOSED, NOISE CRITERIA OA OUTSIDE AIR OBD OPPOSED BLADE DAMPER OD OVERFLOW DRAIN PC PUMPED CONDENSATE PH PHASE 3PH THREE PHASE PL PLACES PRESS PRESSURE PRY PRESSURE REDUCING VALVE	PSI POUNDS PER SQUARE INCH PW POTABLE (DOMESTIC) WATER R RETURN, RED RA RETURN AIR RD ROOF DRAIN RECIRC. RECIRCULATING RH RELATIVE HUMIDITY RM ROOM RPM REVOLUTIONS PER MINUTE RRT REMOTE RESET THERMOSTAT RT RAINTIGHT RTU ROOF TOP UNIT S SUPPLY SS SANITARY SEWER SC SCALE SD STORM SEWER SECT SECTION SENS SENSIBLE SF SUPPLY FAN SOL SOLENOID SP STATIC PRESSURE SA SUPPLY AIR TEMP TEMPERATURE TYP TYPICAL UH UNIT HEATER UL UNDERWRITERS LAB V VENT, VOLT VA VALVE VEL VELOCITY VERT VERTICAL VF VENT FAN VTR VENT THRU ROOF WB WET BULB WCO WALL CLEANOUT WG WATER GAUGE

GENERAL NOTES:

- A. ALL LOCATION OF EXISTING PIPING, DUCT AND EQUIPMENT ARE APPROXIMATE AND SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO COMMENCEMENT OF WORK. CONTRACTOR SHALL NOTIFY OWNERS REPRESENTATIVE IN WRITING IF CONDITIONS ARE FOUND TO BE DIFFERENT THAN SHOWN ON THE DRAWING BEFORE PROCEEDING.
- B. BEFORE ENERGIZING NEW EQUIPMENT OR CONNECTING TO EXISTING POWER SOURCES, THE CONTRACTOR SHALL COORDINATE WITH THE OWNER'S REPRESENTATIVE.
- C. ALL WORK IS NEW UNLESS OTHERWISE INDICATED TO BE EXISTING, REMOVED OR RELOCATED.
- D. COMPLY WITH APPLICABLE CODES AND STANDARDS AS INDICATED IN SPECIFICATION SECTION 15011.
- E. PROVIDE ALL NEW PIPING WITH NEW NAME LABELS AND COLOR CODING TO CORRELATE TO THE DESIGNATION USED ON THE DRAWINGS.
- F. ALL STATIONING AND DIMENSIONAL INFORMATION IS APPROXIMATE AND SHALL BE FIELD VERIFIED AND COORDINATED WITH ALL OTHER TRADES PRIOR TO CONSTRUCTION.



FINAL RECORD DRAWING Date: 12/25/99

No.		REVISION		BY		DATE			
	TEXA	S TURNE	PIKE AUT	HORITY					
4	ADDISO	N AIR	PORT	TUN	NEL				
SYMBOLS, ABBREVIATIONS & GENERAL NOTES									
Н	HDR Er	ngineering,	Inc.	SEC	CTION	XIII			
DRAWN: WT	D DATE:	12/05/96	DESIGNED	: MLA	DATE:	08/28/96			
CHECKED:E	BL DATE:	08/28/96	_ SCALE:	NON	<u>E</u>				
CONTRAC	T No. DI	NT-260	SHEET	M136	OF_	166			

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