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MECHANICAL ABBREVIATIONS

A		E		M		S		HVAC SYMBOLS	
ABV	ABOVE	EA	EACH	MAT	MIXED AIR TEMPERATURE	S	STEAM		RETURN GRILLE WITH SQUARE DUCT NECK CONNECTION
A/C	AIR CONDITIONING	EAT	ENTERING AIR TEMPERATURE	MAX	MAXIMUM	SA	SUPPLY AIR		RETURN AIR DIFFUSER
ACCH	AIR COOLED CHILLER	EDB	ENTERING DRY BULB	MBH	THOUSAND OF BTU'S	SF	SUPPLY AIR FAN		4-WAY SUPPLY DIFFUSER UNLESS OTHERWISE NOTED ON PLANS
ACCU	AIR COOLED CONDENSING UNIT	EDH	ELECTRIC DUCT HEATER	MC	MECHANICAL CONTRACTOR	SAG	SUPPLY AIR GRILLE		EXHAUST AIR DIFFUSER
AD	ACCESS DOOR, AREA DRAIN	EF	EXHAUST FAN	MECH	MECHANICAL	SAR	SUPPLY AIR REGISTER		EXHAUST DUCT UP
ADJ	ADJUSTABLE	EFF	EFFICIENCY	MFR	MANUFACTURER	SEC	SECONDARY		EXHAUST DUCT DOWN
AF	AIR FILTER	ENGR	ENGINEER	MH	MANHOLE	SECT	SECTION		RETURN DUCT UP
AFC	ABOVE FINISHED CEILING	EQ	EQUAL	MIN	MINIMUM	SENS	SENSIBLE		RETURN DUCT DOWN
AFF	ABOVE FINISHED FLOOR	EQUIP	EQUIPMENT	MP	MEDIUM PRESSURE	SF	SQUARE FEET		SUPPLY DUCT UP
AHU	AIR HANDLING UNIT	ESP	EXTERNAL STATIC PRESSURE	MTO	MOUNTED	SM	SHEETMETAL		SUPPLY DUCT DOWN
AMB	AMBIENT	ETR	EXISTING TO REMAIN	MUA	MAKE-UP AIR	SP	STATIC PRESSURE		EQUIPMENT TAG
APD	AIR PRESSURE DROP	EVAP	EVAPORATOR	MVD	MANUAL VOLUME DAMPER	SPEC	SPECIFICATION		DIFFUSER KEY: TYPE / NECK CFM
ARI	AMERICAN REFRIGERANT INSTITUTE	EWB	ENTERING WET BULB			SQ	SQUARE		THERMOSTAT / TEMPERATURE SENSOR (MOUNT 48" A.F.F.)
ARCH	ARCHITECT, ARCHITECTURAL	EXT	EXTERNAL			SR	STEAM RETURN		HUMIDISTAT (MOUNT 48" A.F.F.)
ASHRAE	AMERICAN SOCIETY OF HEATING AND REFRIGERATION ENGINEERS	EXTG	EXISTING			STD	STANDARD		TEMPERATURE SENSOR (MOUNT 48" A.F.F.)
ASME	AMERICAN SOCIETY OF MECHANICAL ENGINEERS					SR	STEAM RETURN		PRESSURIZATION SENSOR
ASTM	AMERICAN SOCIETY OF TESTING AND MATERIALS					SR	STEAM RETURN		POINT OF CONNECTION, NEW AND EXISTING
AVG	AVERAGE					SR	STEAM RETURN		EXISTING DUCTWORK TO REMAIN
AWS	AMERICAN WELDING SOCIETY					SR	STEAM RETURN		EXISTING DUCTWORK TO BE REMOVED
AUX	AUXILIARY					SR	STEAM RETURN		NEW DUCTWORK, WIDTH / HEIGHT
						SR	STEAM RETURN		ELBOW WITH TURNING VANES
						SR	STEAM RETURN		DUCT TRANSITION, SINGLE AND DOUBLE LINE
						SR	STEAM RETURN		FLEXIBLE CONNECTION
						SR	STEAM RETURN		FLEXIBLE DUCT CONNECTION TO AIR DIFFUSER
						SR	STEAM RETURN		FLEXIBLE DUCT
						SR	STEAM RETURN		SQUARE TO ROUND DUCT TRANSITION
						SR	STEAM RETURN		RECTANGULAR DUCT WITH EXTERNAL INSULATION
						SR	STEAM RETURN		ROUND DUCT WITH EXTERNAL INSULATION
						SR	STEAM RETURN		BALANCING DAMPER
						SR	STEAM RETURN		BRANCH TAP WITH DAMPER
						SR	STEAM RETURN		ROUND DUCT DOWN
						SR	STEAM RETURN		ROUND DUCT UP
									EXISTING AIR DEVICE TO REMAIN.
									EXISTING AIR DEVICE TO BE REMOVED.
									NEW AIR DEVICE.

MECHANICAL SYMBOLS

	EXISTING CONDENSATE DRAIN PIPING TO REMAIN.
	DEMO CONDENSATE DRAIN PIPING TO BE REMOVED
	NEW CONDENSATE DRAIN PIPING
	EXISTING REFRIGERANT PIPING TO REMAIN.
	DEMO REFRIGERANT PIPING TO BE REMOVED.
	NEW REFRIGERANT PIPING.
	EXISTING DUCTWORK TO REMAIN.
	EXISTING DUCTWORK TO BE REMOVED.
	NEW DUCTWORK.
	CHILLED WATER SUPPLY PIPE TO REMAIN.
	EXISTING CHILLED WATER SUPPLY PIPE TO BE REMOVED
	NEW CHILLED WATER SUPPLY PIPE.
	CHILLED WATER RETURN PIPE TO REMAIN.
	EXISTING CHILLED WATER RETURN PIPE TO BE REMOVED.
	NEW CHILLED WATER RETURN PIPE.
	STEAM SUPPLY TO REMAIN
	EXISTING STEAM SUPPLY PIPE TO BE REMOVED.
	NEW STEAM SUPPLY PIPE.
	STEAM RETURN TO REMAIN
	EXISTING STEAM RETURN PIPE TO BE REMOVED.
	NEW STEAM RETURN PIPE.
	EXISTING AIR DEVICE TO REMAIN.
	EXISTING AIR DEVICE TO BE REMOVED.
	NEW AIR DEVICE.

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Project No.: 1414 Project Architect: Andrew Douglas, AIA Project Manager: Caleb Gains	STRUCTURAL ENGINEER LUNDY & FRANK ENGINEERING, INC. Contact: Duncan McAda 549 Helmer Rd. San Antonio, TX 78232 T: 210.979.7900 E: mcada@lundyfranke.com			PROJECT STATUS ADDENDUM 4 JANUARY 05, 2016		SHEET NUMBER M1.00

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