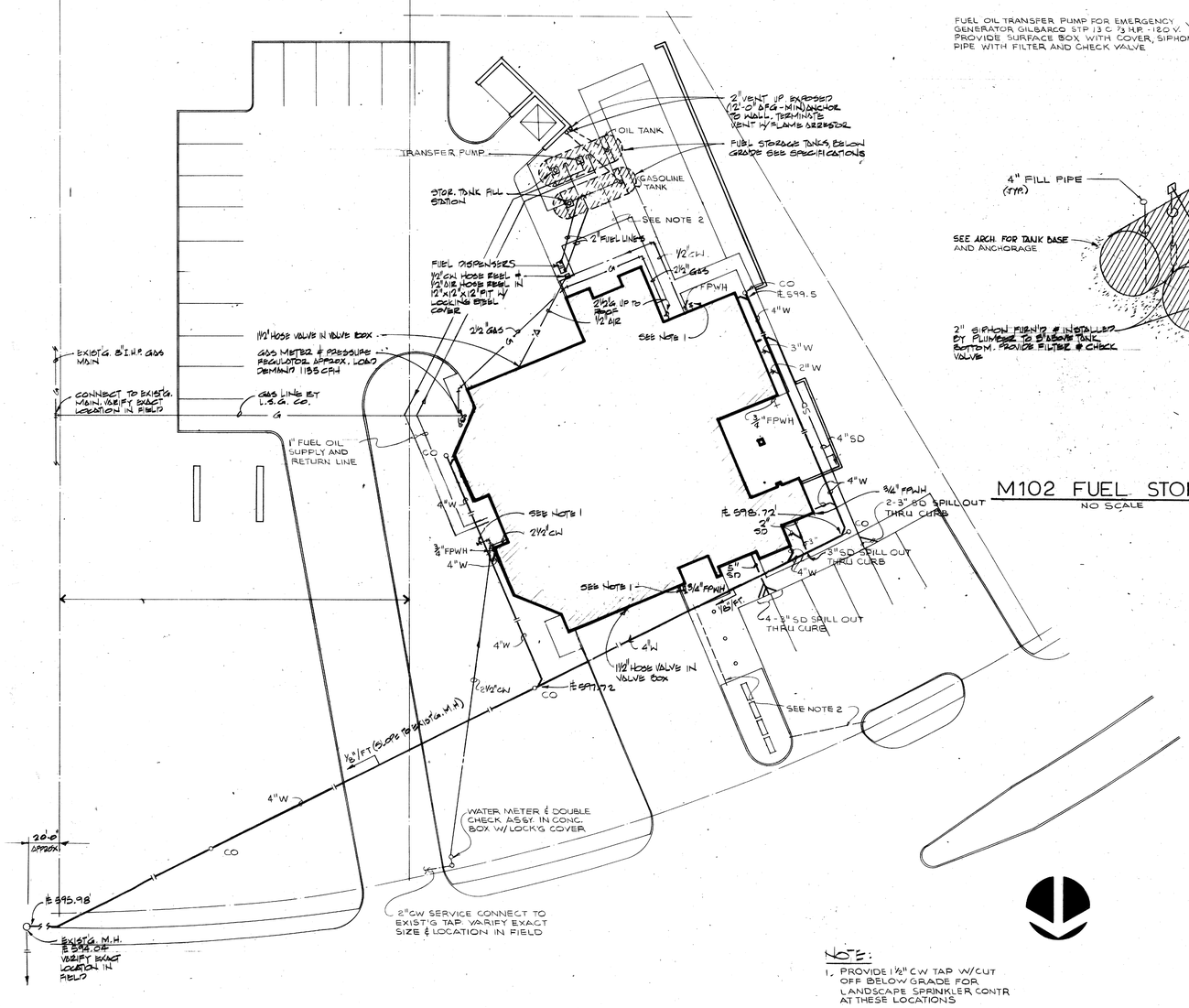
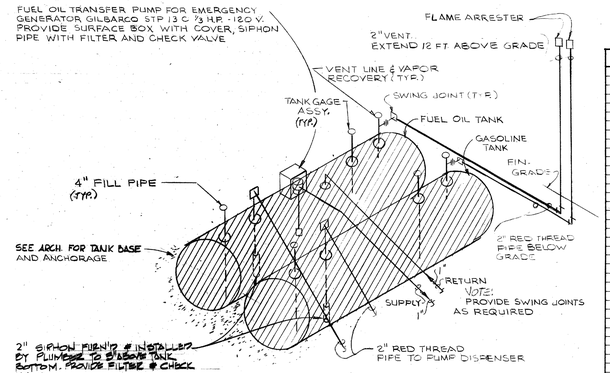


M 101 MECH SITE PLAN

SC: 1/16"=1'-0"

NOTE:

1. PROVIDE 1½" CW TAP W/CUT OFF BELOW GRADE FOR LANDSCAPE SPRINKLER CONTR AT THESE LOCATIONS
2. PROVIDE 3" PVC PIPE FOR FUTURE LANDSCAPE SPRINKLER CONTRACTOR



NOTES:

1. SITE PLAN SHOWES EXACT LOCATION, SIZE AND NUMBER OF TANKS, PUMP DISPENSERS AND PIPING ADAPT TO MEET VARIOUS CONDITIONS
2. TANKS TO BE LAID LEVEL
3. SUPPORT PIPING CONTINUOUSLY ON COMPACTED EARTH OR SAND BED SLOPE UNIFORMLY DOWN TO TANK. NO POCKETS PERMITTED

M102 FUEL STOR. TANK DTL.

NO SCALE

M2103	MECHANICAL SYMBOL LIST		
—SS—	SANITARY SEWER	S.H.	SHOWER
—SV—	SANITARY VENT		HUMIDISTAT
—CW—	COLD WATER LINE	—PR—	PRESSURE REGULATING VALVE
—HW—	HOT WATER LINE		FLOW SWITCH
—HWR—	HOT WATER RECIRCULATION	—F—	FLEXIBLE CONNECTION
—SD—	STORM DRAIN	—CS—	CONDENSER WATER SUPPLY
—HWS—	HEATING WATER SUPPLY	—CR—	CONDENSER WATER RETURN
——	STEAM SUPPLY	F.D.HD	HUB DRAIN
——	CONDENSATE RETURN	W. C.	WATER CLOSET
—CWS—	CHILLED WATER SUPPLY	W	WASTE
—CWR—	CHILLED WATER RETURN	U. R.	URINAL
—RL—	REFRIGERANT LIQUID LINE	L OR LAV	LAVATORY
—RS—	REFRIGERANT SUCTION LINE	E.W.C.	ELECTRIC WATER COOLER
—G—	GAS LINE	S.S.	SERVICE SINK
—D—	DRAIN LINE	S.K.	SINK
	DIRECTION OF FLOW	W.F.	WASH FOUNTAIN
	SLOPE OF PIPE	B.T.	BATH TUB
FD	FLOOR DRAIN	S.H.	SHOWER
RD	ROOF DRAIN	V.T.R.	VENT THRU ROOF
HD	HOSE BIBB		RISER DOWN (ELBOW)
A	AIR LINE		RISER UP (ELBOW)
V.B.	VACUUM BREAKER		RISE OR DROP
V	VACUUM LINE		BRANCH - TOP CONNECTION
HWR	HEATING WATER RETURN		BRANCH - BOTTOM CONNECTION
	THERMOMETER	FC	FIRE HYDRANT
	THERMOSTAT	FC	FIRE DEPARTMENT CONNECTION
	FLUSH CLEAN	— — —	SUB SOIL DRAINAGE
	BALANCING VALVE		PIPE ANCHOR
	BUTTERFLY VALVE		SUPPLY DUCT RISER UP (ELBOW)
	UNION		SUPPLY DUCT RISER DOWN (ELBOW)
CO	CLEAN OUT		RETURN AIR DUCT (RISER UP)
CO	WALL CLEAN OUT		RETURN AIR DUCT (RISER DOWN)
	FREEZEPROOF WALL HYDRANT		FLEXIBLE ROUND DUCTWORK
	GATE VALVE		SUPPLY DIFFUSER (4 WAY SQUARE)
	GLOBE VALVE		RETURN AIR GRILLE
	CHECK VALVE		SUPPLY DIFFUSER (4 WAY ROUND)
	A.S.M.E. T. AND P. RELIEF VALVE		TYPICAL ELBOW W/ TURNING VALVE
	PRESSURE VALVE		FLEXIBLE CONNECTION FOR DUCTWORK
	AUTOMATIC VALVE		MANUAL VOLUME DAMPER (OPPOSED BLADE)
	AUTOMATIC AIR VENT		FLEXIBLE DUCT CONNECT
	GUAGE		SUPPLY GRILLE, WITH GRILLE BEE-UP LATTER MOUNTED ON DIFFUSER
	GUAGE CONNECTION		RETURN AIR GRILLE, LATTER MOUNTED ON DIFFUSER
	STRAINER		UNIT HEATER (HORIZONTAL)
	H.W. RECIRCULATING PUMP		POWER OR GRAVITY ROOF VENTILLATOR - EXHAUST
	WATER SHOCK CONTROLLER		POWER OR GRAVITY ROOF VENTILLATOR - SUPPLY
	3 AND 4 TRIPLE DUTY VALVE		DUCT SIZE (1st FIG. INDE SHOWN 2nd FIG. NOT SHOWN)
	3 WAY VALVE		
—FP—	FIRE SPRINKLER OR STANDPIPE		

THE EXISTENCE OF ANY WIRES, CONDUITS, PIPES, DUCTS, OR OTHER SERVICE FACILITIES ARE SHOWN IN A GENERAL WAY ONLY. IT WILL BE THE DUTY OF THE CONTRACTOR TO VISIT THE SITE AND MAKE EXACT DETERMINATION OF THE EXISTENCE OF ANY SUCH FACILITIES PRIOR TO THE SUBMISSION OF HIS BID. IT IS UNDERSTOOD THAT HE WILL BE RESPONSIBLE FOR MAKING THE EXACT DETERMINATION OF THE LOCATION AND CONDITION OF THESE FACILITIES.

SHEET TIME
SHEET
ASSIGN TO
DWG BY | DATE | HOURS | HOURS | CUMUL HOURS
CHECKED
REVISIONS
KEYNOTING
PRINTS TO
OVERLAY RECIPE

DRAWN BY | CHECKED BY
REVISIONS
NO. | DATE

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ADDISON FIRE STATION NO. 2

ADDISON, TEXAS

SHEET TITLE
MECH SITE PLAN & DTLS.

81080 PROJECT NO.
DATE
SHEET NO. M-1
OF 23