

MECHANICAL AND PLUMBING SYMBOL LEGEND

SOME SYMBOLS AND ABBREVIATIONS ON THIS LEGEND MAY NOT BE USED

SHEET METAL

- HIGH EFFICIENCY ROUND DUCT TAKEOFF (WITH & WITHOUT MANUAL DAMPER)
- SPIN-IN ROUND DUCT TAKEOFF (WITH & WITHOUT MANUAL DAMPER)
- CONICAL BELLMOUTH ROUND TAKEOFF
- ROUND DUCT RUNOUT WITH FLEX DUCT
- DUCTWORK ELBOW (WITH & WITHOUT TURNING VANES)
- FD-FIRE DAMPER
- SD-SMOKE DAMPER
- BD-BACKRAFT DAMPER (GRAVITY)
- AUTOMATIC MOTORIZED DAMPER
- SUPPLY DIFFUSER AND DIFFUSER CALLOUT (NECK SIZE, TYPE AND CFM)
- LINEAR/SLOT DIFFUSER
- RETURN GRILLE OR EXHAUST REGISTER
- SUPPLY AIR FLOW INDICATOR
- RETURN AND EXHAUST AIR FLOW INDICATOR
- THERMOSTAT
- TEMPERATURE SENSOR
- HUMIDISTAT
- CONTROL WIRING

MEDICAL GAS

- Medical Vacuum Piping
- Oxygen Piping
- Nitrous Oxide Piping
- Medical Compressed Air Piping
- Nitrogen Piping
- Carbon Dioxide Piping
- Vacuum Vent Piping
- Waste Anesthetic Gas Disposal Piping
- Medical Gas Vent Piping
- Medical Gas Outlet w/ Designation (RE: BELOW)

GENERAL SYMBOLS

- INDICATES CONNECT TO EXISTING
- INDICATES ELEVATION

MECHANICAL PIPING

- REFRIGERANT LIQUID
- REFRIGERANT SUCTION
- DRAIN (CONDENSATE)
- COMPRESSED AIR
- CHILLED WATER SUPPLY
- CHILLED WATER RETURN
- CHILLED/HOT WATER SUPPLY
- CHILLED/HOT WATER RETURN
- HOT WATER SUPPLY
- HOT WATER RETURN
- COOLING TOWER SUPPLY
- COOLING TOWER RETURN
- STEAM (ANY #S DENOTE PRESSURE)
- CONDENSATE RETURN (#S DENOTE PRESSURE)
- REFRIGERANT VENT
- RUPTURE DISK

PLUMBING PIPING

- DOMESTIC COLD WATER
- DOMESTIC HOT WATER
- RECIRCULATING DOMESTIC HOT WATER
- WASTE ABOVE GRADE OR FLOOR
- WASTE BELOW GRADE OR FLOOR
- STORM ABOVE GRADE OR FLOOR
- STORM BELOW GRADE OR FLOOR
- ST/O STORM OVERFLOW ABOVE GRADE OR FLOOR
- ST/O STORM OVERFLOW BELOW GRADE OR FLOOR
- PLUMBING VENT
- WATER SERVICE
- GAS (NATURAL)
- FROM SUMP PUMP DISCHARGE
- COMPRESSED AIR
- PROPANE

FIRE SPRINKLER

- FIRE PROTECTION PIPING
- SPRINKLER HEAD
- SIDEWALL SPRINKLER HEAD
- FIRE PROTECTION SIAMESE CONNECTION
- POST INDICATOR VALVE

PIPING SYMBOLS

- SHUTOFF VALVE
- SHUTOFF VALVE IN RISER
- BALANCING VALVE
- PLUG VALVE
- AUTO FLOW CONTROL VALVE
- PIPING ELBOW UP
- PIPING ELBOW DOWN
- PIPING TEE
- PIPING ELBOW
- PIPING TEE UP
- PIPING TEE DOWN
- INCREASER / REDUCER
- UNION
- CAP
- PIPE FLEX
- STRAINER
- CHECK VALVE
- INLINE STRAINER
- TEST PLUG
- GUIDE
- ANCHOR
- TRIPLE DUTY VALVE
- AUTOMATIC 2-WAY CONTROL VALVE
- AUTOMATIC 3-WAY CONTROL VALVE
- SOLENOID VALVE

PLUMBING FIXTURES/EQUIPMENT

- HOSE BIBB
- WALL HYDRANT
- CLEAN OUT
- REDUCED PRESSURE BACKFLOW PREVENTER
- DOUBLE CHECK BACKFLOW PREVENTER
- PLUMBING FIXTURE AND CALLOUT
- FD: FLOOR DRAIN, AD: AREA DRAIN, FS: FLOOR SINK
- RD: ROOF DRAIN
- ORD: OVERFLOW ROOF DRAIN

ELECTRICAL SYMBOL LEGEND

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CIRCUITING

- HOME RUN (2#12 1#12G UNO)
- INDICATES 2 PHASE, 1 N, & 1 GRD CONDUCTOR
- HOME RUN: INDICATES SHARED CIRCUIT
- HOME RUN: INDICATES #10 CONDUCTORS ENTIRELY

UTILITIES

- UNDERGROUND ELECTRICAL
- OVERHEAD ELECTRICAL
- TELECOMMUNICATIONS CONDUIT
- UNDERGROUND TELECOMMUNICATIONS CONDUIT

LIGHTING

- FLUORESCENT LIGHT FIXTURE
- FLUORESCENT STRIP FIXTURE
- SURFACE/RECESSED LIGHT FIXTURE
- WALL-MOUNTED LIGHT FIXTURE
- POLE-MOUNTED LIGHT FIXTURE
- EXIT LIGHT
- BATTERY-OPERATED EMERGENCY LIGHT (WALL MTD)
- BATTERY-OPERATED EMERGENCY LIGHT (CEILING MTD)
- WALL-MOUNTED COMBINATION EXIT LIGHT / BATTERY-OPERATED EMERGENCY LIGHT
- LIGHT SWITCH - SINGLE POLE
- LIGHT SWITCH - 3-WAY
- LIGHT SWITCH - 4-WAY
- LIGHT SWITCH - KEY
- LIGHT SWITCH - DIMMER
- LIGHT SWITCH - PILOT LIGHT
- LIGHT SWITCH - 2 POLE
- LIGHT SWITCH - 3-WAY DIMMER
- WALL-MOUNTED MOTION SWITCH
- CEILING-MOUNTED MOTION SWITCH
- SWITCHBANK - REFER TO DETAILS
- DIMMER BOARD

EQUIPMENT

- DISCONNECT SWITCH. RE: PLANS FOR INFORMATION.
- MAGNETIC MOTOR STARTER
- COMBINATION DISCONNECT SWITCH / MOTOR STARTER
- TOGGLE-TYPE DISCONNECT. FURNISH WITH THERMAL MOTOR PROTECTION WHERE SERVING FANS/PUMPS.
- SURFACE PANELBOARD
- RECESSED PANELBOARD
- DISTRIBUTION PANELBOARD
- SWITCHBOARD. FEEDER/MAIN CIRCUIT BREAKER SECTION AND DISTRIBUTION SECTION.

GENERAL SYMBOLS

- INDICATES CONNECT TO EXISTING
- INDICATES ELEVATION

POWER DEVICES

- DUPLEX RECEPTACLE
- LINE THRU DEVICE INDICATES ABOVE COUNTER
- SPECIAL DUPLEX RECEPTACLE (GFCI, ISOLATED GROUND, ETC.)
- QUADPLEX RECEPTACLE
- SIMPLEX RECEPTACLE W/NEMA CONFIG AS NOTED
- MULTI-POLE RECEPTACLE W/NEMA CONFIG AS NOTED
- CEILING MOUNTED RECEPTACLE
- RECEPTACLE/DEVICE MOUNTED IN "TOMBSTONE"
- POKE-THRU WITH POWER
- POKE-THRU WITH TELECOMMUNICATIONS
- POKE-THRU W/POWER AND TELECOM
- SINGLE GANG FLOOR BOX (2, 3, 4 GANG SIMILAR)
- DIVIDED POWER POLE
- CLOCK RECEPTACLE
- PLUG MOLD / WIRE MOLD AS SPECIFIED
- JUNCTION BOX
- THERMOSTAT - ELECTRIC
- PUSH BUTTON
- MOTOR

TELEPHONE/DATA

- TELEPHONE OUTLET (SINGLE-GANG BOX WITH (1) 3/4" CONDUIT TO ABOVE ACCESSIBLE CEILING)
- LINE THRU DEVICE INDICATES ABOVE COUNTER
- DATA OUTLET (DOUBLE-GANG BOX WITH (2) 3/4" CONDUITS TO ABOVE ACCESSIBLE CEILING)
- TELEPHONE/DATA OUTLET (DOUBLE-GANG BOX WITH (2) 3/4" CONDUITS TO ABOVE ACCESSIBLE CLG.)
- PHONE OUTLET WITH NUMBER OF PHONE JACKS AS INDICATED - SEE DETAILS FOR ADD'L INFO.
- DATA OUTLET WITH NUMBER OF PHONE JACKS AS INDICATED - SEE DETAILS FOR ADD'L INFO.
- PHONE/DATA OUTLET WITH NUMBER OF PHONE/DATA JACKS AS INDICATED - SEE DETAILS FOR ADD'L INFO.
- WALL-MOUNTED WIRELESS INTERNET TRANSMITTER
- CEILING-MOUNTED WIRELESS INTERNET TRANSMITTER

AUDIO/VISUAL

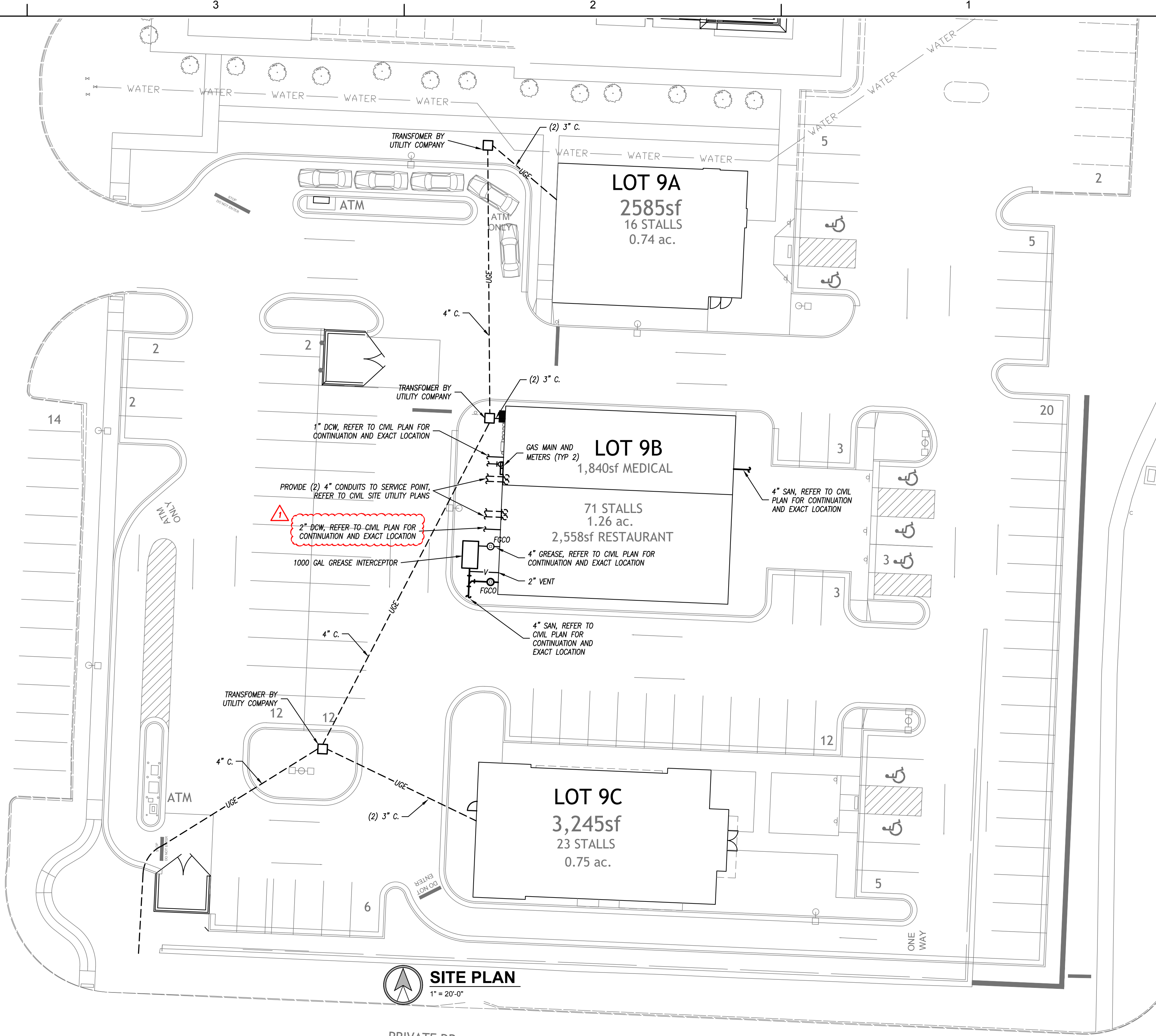
- TELEVISION OUTLET (SINGLE GANG BOX WITH (1) 3/4" CONDUIT TO ABOVE ACCESSIBLE CEILING)
- REVERSE TELEVISION OUTLET - CABLE TO HEAD END
- TEACHER'S DESK CONNECTIONS - RE: DETAILS
- WALL SPEAKER
- CEILING SPEAKER
- WALL SPEAKER - HORN TYPE
- CEILING SPEAKER - HORN TYPE
- CEILING SPEAKER - SUBWOOFER
- CEILING SPEAKER - SOUND SYSTEM

FIRE ALARM

- MANUAL PULL STATION
- CEILING SMOKE DETECTOR
- DUCT SMOKE DETECTOR
- HEAT DETECTOR
- WATERFLOW SWITCH
- TAMPER SWITCH
- VISIBLE NOTIFICATION DEVICE WITH CANDELA RATING. 75cd RATING UNLESS OTHERWISE NOTED ON PLANS.
- AUDIBLE/VISIBLE NOTIFICATION DEVICE WITH CANDELA RATING. 75cd UNLESS OTHERWISE NOTED ON PLANS.
- HORN
- CEILING-MOUNTED STROBE LIGHT WITH CANDELA RATING. MINIMUM OF 75cd RATING.
- CEILING-MOUNTED COMBINATION HORN/STROBE WITH CANDELA RATING. MIN. OF 75cd RATING.
- CEILING-MOUNTED HORN
- CEILING-MOUNTED SPEAKER
- RELAY
- FIRE ALARM CONTROL PANEL
- FIRE ALARM ANNUNCIATOR PANEL
- REMOTE ANNUNCIATOR PANEL
- FIRE ALARM EXTENDER CABINET
- DOOR HOLDER
- SINGLE / MULTI-STATION 120V SMOKE ALARM

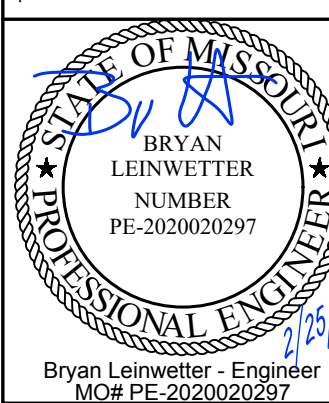
SECURITY

- FIXED CAMERA
- PAN/TILT/ZOOM CAMERA
- PROXIMITY TYPE CARD READER
- SWIPE CARD READER
- BREAK GLASS DETECTOR
- ELECTRIC STRIKE
- SECURITY MOTION DETECTOR
- KEYPAD / MAG LOCK
- BUTTON / MAG LOCK



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MULTI-TENANT BUILDING - PARCEL #9B
STREETS OF WEST PRYOR
LEE'S SUMMIT, JACKSON COUNTY, MISSOURI 64081

SUBMISSION DATES	
4-1-22	
4-4-22	TENANT CHANGES

SHEET TITLE
SITE PLAN

PROJECT NUMBER
210345

SHEET NUMBER
ME-101

