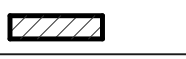
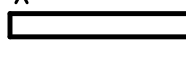

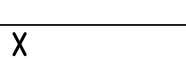
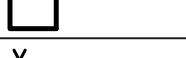


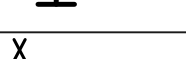
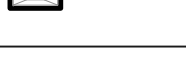








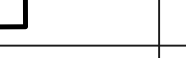


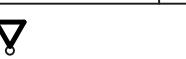
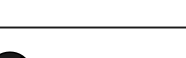
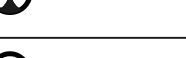

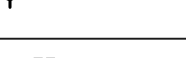
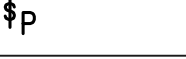







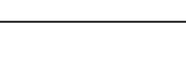
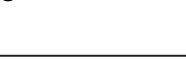


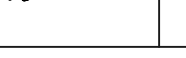







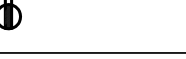
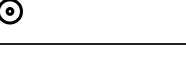



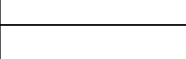
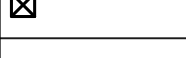



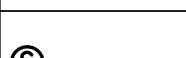
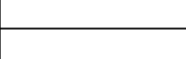
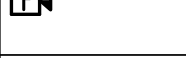


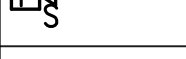







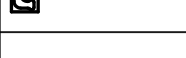
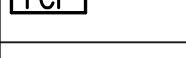
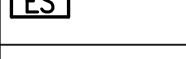

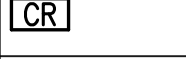



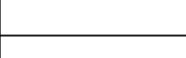


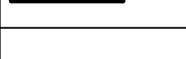
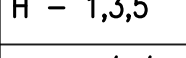
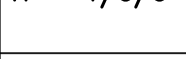
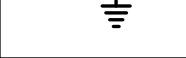
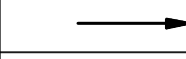
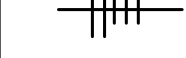
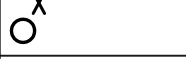


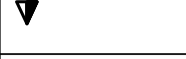



three inches = one foot
one and one-half inch = one foot
one inch = one foot
three-quarters inch = one foot
one-half inch = one foot
three-eighths inch = one foot
one-quarter inch = one foot
one-eighth inch = one foot

ELECTRICAL
LEGENDS & SYMBOLS

	EMERGENCY HATCHED FIXTURE TYPICAL
	FLUORESCENT FIXTURE (1x8) LETTER INDICATES FIXTURE TYPE.
	FLUORESCENT FIXTURE (1x4) LETTER INDICATES FIXTURE TYPE.
	FLUORESCENT FIXTURE (2x2) LETTER INDICATES FIXTURE TYPE.
	FLUORESCENT FIXTURE (2x4) LETTER INDICATES FIXTURE TYPE.
	FLUORESCENT WALL MOUNTED FIXTURE (1x4) LETTER INDICATES FIXTURE TYPE.
	FLUORESCENT INDIRECT LIGHT FIXTURE (2') LETTER INDICATES FIXTURE TYPE.
	FLUORESCENT INDIRECT LIGHT FIXTURE (4') LETTER INDICATES FIXTURE TYPE.
	FLUORESCENT INDIRECT LIGHT FIXTURE (8') LETTER INDICATES FIXTURE TYPE.
	FLUORESCENT INDIRECT LIGHT FIXTURE (12') LETTER INDICATES FIXTURE TYPE.
	LIGHTING TRACK WITH TRACK FIXTURES
	SITE LIGHTING (SINGLE SQUARE OR ROUND LUMINAIRE) LETTER INDICATES FIXTURE TYPE.
	SITE LIGHTING (TWO SQUARE OR ROUND LUMINAIRES) LETTER INDICATES FIXTURE TYPE.
	SITE LIGHTING (THREE SQUARE OR ROUND LUMINAIRES) LETTER INDICATES FIXTURE TYPE.
	SITE LIGHTING (FOUR SQUARE OR ROUND LUMINAIRES) LETTER INDICATES FIXTURE TYPE.
	FLOOD LIGHTING LETTER INDICATES FIXTURE TYPE.
	BOLLARD LIGHTING LETTER INDICATES FIXTURE TYPE.
	EXIT SIGN (REFER TO PLAN FOR CHEVRON DIRECTION)
	SINGLE POLE TOGGLE SWITCH
	TOGGLE SWITCH WITH PILOT SWITCH
	THREE-WAY TOGGLE SWITCH
	FOUR-WAY TOGGLE SWITCH
	RELAY CONTROL SWITCH
	KEY OPERATED SWITCH
	OCCUPANCY SENSOR (REFER TO PLAN FOR WALL OR CLG MOUNTED) LEVITON OCCUPANCY SENSOR WALL #6800 CLG #6878-1W
	EMERGENCY BATTERY PACK FIXTURE
	UTILITY STRIP FLUORESCENT FIXTURE. REFER TO PLAN FOR LENGTH. LETTER INDICATES FIXTURE TYPE.
	DOWNLIGHT FIXTURE LETTER INDICATES FIXTURE TYPE.
	DOWNLIGHT WALL WASHER LETTER INDICATES FIXTURE TYPE.
	WALL SCONCE LETTER INDICATES FIXTURE TYPE.
	WALL PACK
	DUPLEX RECEPTACLE
	DUPLEX RECEPTACLE ABOVE COUNTER
	208V RECEPTACLE
	GROUND FAULT CIRCUIT INTERRUPTER (GFI) RECEPTACLE
	LEVITON TAMPER-RESISTANT RECEPTACLE PART# 5321-W w/ COVER PLATE # 88002
	WEATHER PROOF/GFI RECEPTACLE
	ISOLATED GROUND RECEPTACLE
	FLOOR MOUNTED RECEPTACLE
	J-BOX
	QUAD RECEPTACLE
	SPECIAL PURPOSE RECEPTACLE
	SIMPLEX RECEPTACLE
	FLOOR COMBINATION DATA/RECEPT.
	MULTIPLE OUTLET
	WALL MOUNTED J BOX
	CEILING OUTLET


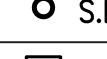


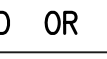

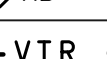

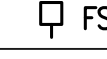


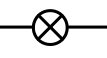
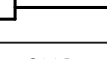
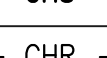

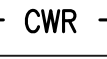
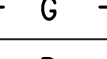

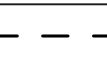
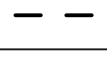
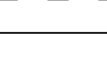
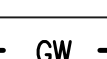
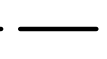
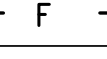
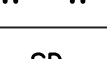
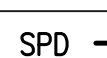

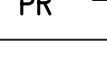
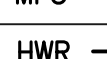

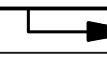

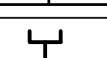
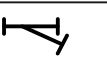
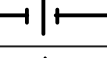
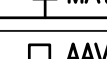


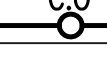


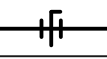
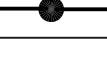


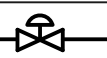













	DISCONNECT SWITCH
	FUSED DISCONNECT SWITCH
	COMBINATION STARTER AND DISCONNECT SWITCH (NF INDICATES NOT FUSED)
	MAGNETIC MOTOR STARTER
	FIREMAN'S PHONE JACK
	SMOKE DETECTOR
	HEAT DETECTOR
	SPEAKER FIRE ALARM
	FIRE ALARM VISUAL SIGNAL
	FIRE ALARM AUDIBLE VISUAL SIGNAL
	FIRE ALARM SPEAKER/HORN/WITH VISUAL ASSEMBLY
	FIRE ALARM HORN ONLY
	FIRE ALARM MAGNETIC HOLD OPEN
	FIRE ALARM PULL STATION
	FIRE ALARM CONTROL PANEL
	FIRE ALARM ANNUNCIATOR PANEL
	FIRE ALARM FLOW/TAMPER SWITCH
	FIRE ALARM JACK
	FIRE PANEL
	ELEVATOR FIRE SIGN
	DUCT SMOKE DETECTOR
	CARD READER
	PANELBOARD
	TRANSFORMER
	WIREWAY
	MOTOR
	DISTRIBUTION PANEL/SWITCHBOARD
	H - 1,3,5 THREE (3) ONE-POLE CIRCUIT
	H - 1/3/5 ONE (1) THREE-POLE CIRCUIT
	GROUND CONNECTION
	HOMERUN w/ CONDUCTORS (RE: PANEL SCHED.)
	(3) PHASE CONDUCTORS, (1) NEUTRAL CONDUCTOR AND (1) GROUNDING CONDUCTOR
	PHOTOCELL
	TELEPHONE WALL OUTLET
	DATA COMMUNICATION WALL OUTLET
	COMBINATION TELEPHONE/COMM. OUTLET
	TELEPHONE CEILING OUTLET
	DATA CEILING OUTLET
	TELEPHONE/DATA CEILING OUTLET
	TV OUTLET
	TV WALL OUTLET
	CAMERA
	SERVICE BELL

GENERAL NOTES:

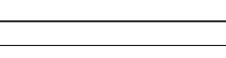
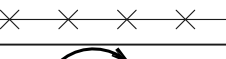

THE CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR PRECISE LOCATION OF ALL DEVICES, LIGHTS, GRILLES AND DRAINS LOCATED IN WALLS, CEILING AND FLOORS.

A DEDICATED SHEET LIST IS PROVIDED FOR EACH DISCIPLINE (M/E/P). EACH SHEET LIST IS LOCATED ON THE FIRST SHEET OF A GIVEN DISCIPLINE.

PLUMBING & HVAC PIPING LEGEND

SYMBOL	DESCRIPTION
	T&P VALVE
	S.D.
	FLOOR DRAIN
	AREA DRAIN
	ROOF DRAIN
	OVERFLOW ROOF DRAIN
	PLANTER DRAIN
	HOSE BIBB
	VENT THRU ROOF
	PRESSURE GAUGE - 2-1/2" DIAL, W/ 1/4" VALVE
	FLOW SWITCH
	CONSTANT FLOW DEVICE - EQUAL TO GRISWOLD
	POINT OF CONNECTION
	AQUASTAT
	THERMOSTATIC TRAP
	COMBINATION FLOAT AND THERMOSTATIC TRAP
	CHILLED WATER SUPPLY
	CHILLED WATER RETURN
	CONDENSER WATER SUPPLY
	CONDENSER WATER RETURN
	GAS PIPING
	DRAIN LINE
	FLEXIBLE PIPE CONNECTION
	COLD WATER LINE
	HOT WATER LINE
	HOT WATER RETURN LINE
	SANITARY LINE
	GREASE WASTE LINE
	VENT LINE
	FIRE LINE
	SUB-SURFACE LINE
	STORM DRAIN LINE
	SUMP PUMP DISCHARGE
	SEWAGE EJECTOR DISCHARGE
	PUMPED STEAM CONDENSATE RETURN
	MEDIUM PRESSURE STEAM
	HOT WATER RETURN
	HOT WATER SUPPLY
	PITCH DOWN IN DIRECTION OF ARROW
	GAS COCK
	THERMOMETER
	COMBINATION PRESSURE & TEMPERATURE TAP
	STRAINER WITH BLOW OFF
	UNION OR FLANGED CONNECTION
	MANUAL AIR VENT
	AUTOMATIC AIR VENT
	BUCKET TRAP
	CLEANOUT IN LINE
	CLEANOUT
	WALL CLEANOUT
	OS & Y VALVE
	GATE VALVE
	BUTTERFLY VALVE (WITH M = MOTORIZED)
	BALL VALVE (WITH S = SOLENOID)
	CHECK VALVE
	SOLENOID VALVE
	PRESSURE RELIEF VALVE
	AUTOMATIC, 2 WAY VALVE
	AUTOMATIC, 3 WAY VALVE

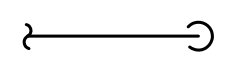
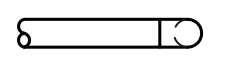
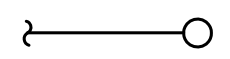
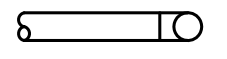

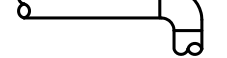

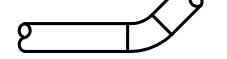
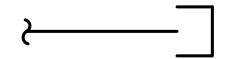
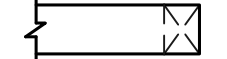
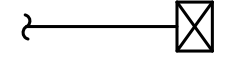
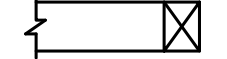

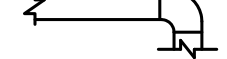

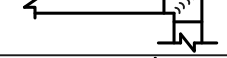
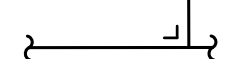
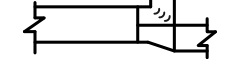
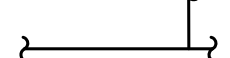

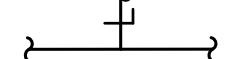

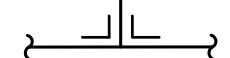

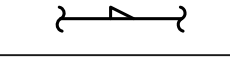
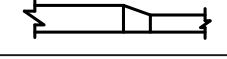



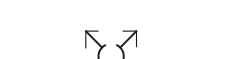

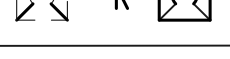

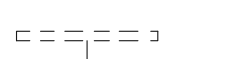
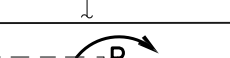
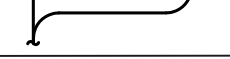
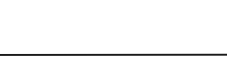


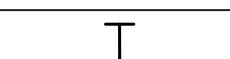

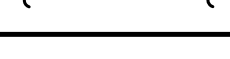
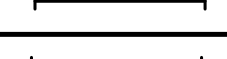
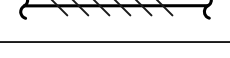
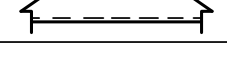

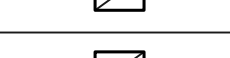
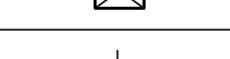
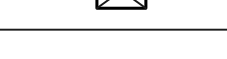
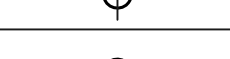
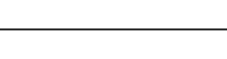
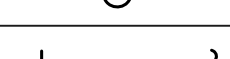
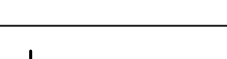
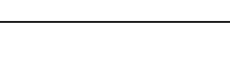
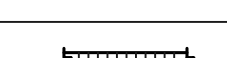
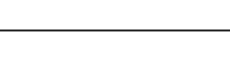
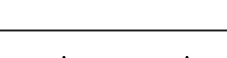
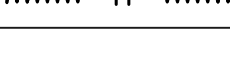
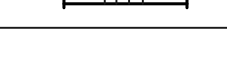

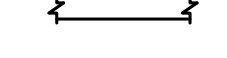
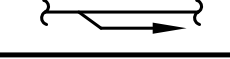




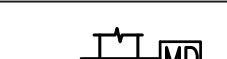
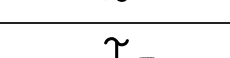
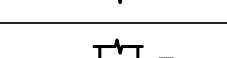
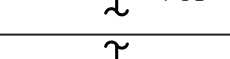

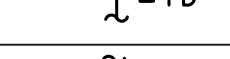
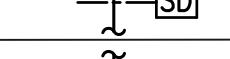
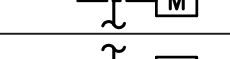
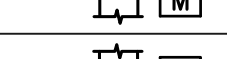

LINE TYPE LEGEND

LINE	DESCRIPTION
	EXISTING TO REMAIN
	EXISTING TO BE REMOVED
	EXISTING TO BE RELOCATED
	NEW

PHASING DURING CONSTRUCTION

----- PH 1 -----	PHASE 1
----- PH 2 -----	PHASE 2
----- PH 3 -----	PHASE 3


MECHANICAL DUCTWORK LEGEND

SINGLE LINE	DESCRIPTION	DOUBLE LINE
	90° ELBOW DOWN	
	90° ELBOW UP	
	ROUND RADIUS ELBOW	
	45° ELBOW	
	90° ELBOW DOWN	
	90° ELBOW UP	
	RECTANGULAR RADIUS ELBOW	
	RECTANGULAR ELBOW WITH TURNING VANES	
	SPLIT BRANCH TAKE-OFF WITH VANES ELBOW & SPLITTER DAMPER	
	BRANCH TAKE-OFF WITH RADIUS HEEL & EXTRACTOR	
	SPIN-IN TAP W/DAMPER	
	TEE WITH SPLITTER DAMPER & VANES	
	REDUCER, ECCENTRIC	
	REDUCER, CONCENTRIC	
	NEW SUPPLY AIR DIFFUSER	
	EXISTING SUPPLY AIR GRILLE	
	EXISTING SUPPLY AIR GRILLE TO BE RELOCATED	
	NEW SLOT DIFFUSER	
	EXISTING SLOT DIFFUSER TO REMAIN	
	EXISTING SLOT DIFFUSER TO BE RELOCATED	
	SIDEWALL DIFFUSER (WIDTH X DEPTH; DUCT CONN. SIZE)	
	SIDEWALL SUPPLY GRILLES OR REGISTER W/AIR EXTRACTOR	
	LINED DUCTWORK	
	SUPPLY DUCT	
	RETURN DUCT	
	EXHAUST DUCT	
	ROUND DUCT SIZE	
	OVAL DUCT SIZE	
	ROUND FLEXIBLE DUCT	
	FLEXIBLE DUCT RUNOUT	
	FLEXIBLE DUCT CONNECTION	
	DUCTWORK (SHEETMETAL) (WIDTH/DEPTH IN VIEW OF PLAN)	
	DUCTWORK, DIRECTION OF SLOPE	
	CONICAL TAP W/DAMPER	
	MANUAL VOLUME DAMPER	
	COMBINATION FIRE/SMOKE DAMPER IN DUCT	
	FIRE DAMPER IN DUCT	
	SMOKE DAMPER	
	MOTORIZED VOLUME DAMPER	
	BACKDRAFT DAMPER	
	DIRECTION OF EXHAUST RELIEF	
	SUPPLY DIRECTION	
	STATIC PRESSURE SENSOR	
	THERMOSTAT, REMOTE SENSOR	

ABBREVIATIONS

(NOT ALL ABBREVIATIONS INDICATED ARE NECESSARILY USED ON PLANS)

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
A	AMPS	DP	DISTRIBUTION PANEL
AC	ALTERNATING CURRENT/ABOVE COUNTER	DWG	DRAWING
ADJ	ADJACENT	E	EXISTING TO REMAIN
AFF	ABOVE FINISHED FLOOR	EC	EMPTY CONDUIT
AFG	ABOVE FINISHED GRADE	EL	ELEVATION
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE	ELEC	ELECTRIC
ARCH	ARCHITECTURAL	ELEV	ELEVATOR
ASTM	AMERICAN SOCIETY FOR TESTING MATERIALS	EM	ON EMERGENCY CIRCUIT
ASYM	ASYMMETRICAL	EP	EXPLOSION PROOF
ATS	AUTOMATIC TRANSFER SWITCH	EQ	EQUIVALENT
AUX	AUXILIARY	EMT	ELECTRICAL METALLIC TUBING
A/V	AUDIO/VISUAL	EQMT	EQUIPMENT
AWG	AMERICAN WIRE GAUGE	FA	FIRE ALARM
BLDG	BUILDING	FC	FOOT CANDLE
C	CONDUIT	FDR	FEEDER
C/B	CIRCUIT BREAKER	FIXT	FIXTURE
CAT	CATALOG	FL	FLUSH
CKT	CIRCUIT	FLR	FLOOR
CL	CLOCK	FLUOR	FLUORESCENT
CLG	CEILING	FT	FEET
COL	COLUMN	FWD	FORWARD
CONC	CONCRETE	FU	FUSE
CONT	CONTINUOUS	FLA	FULL LOAD AMPERES
CONV	CONVENIENCE	GA	GAUGE
C/T	CURRENT TRANSFORMER	GALV	GALVANIZED
DC	DIRECT CURRENT	GFI	GROUND FAULT CIRCUIT INTERRUPTER
DIA	DIAMETER	GND	GROUND
DN	DOWN	GRC	GALVANIZED RIGID CONDUIT
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
HGT	HEIGHT	MCC	MOTOR CONTROL CENTER
HOA	HAND OFF AUTOMATIC	MCM	THOUSAND CIRCULAR MILS
HORIZ	HORIZONTAL	MCP	MOTOR CONTROL PANEL
HP	HORSEPOWER	MECH	MECHANICAL
HTG	HEATING	MIC	MICROPHONE
HVAC	HEATING, VENTILATING & AIR CONDITIONING	MISC	MISCELLANEOUS
IEEE	INSTITUTE OF ELECTRICAL AND ELECTRONIC ENGINEERS	MLO	MAIN LUGS ONLY
IES	ILLUMINATING ENGINEERING SOCIETY	MTD	MOUNTED
IMC	INTERMEDIATE METAL CONDUIT	MTR	MOTOR
IG	ISOLATED GROUND	N	NEUTRAL
IN	INCHES	NC	NORMALLY CLOSED
INCAND	INCANDESCENT	NEC	NATIONAL ELECTRICAL CODE
INSUL	INSULATION	NEMA	NATIONAL ELEC MANUFACTURERS ASSOC.
INT	INTERCOM	NETA	NATIONAL ELECTRICAL TESTING ASSOC.
J-BOX	JUNCTION BOX	NF	NON-FUSE
KCMIL	THOUSAND CIRCULAR MILS	NFPA	NATIONAL FIRE PROTECTION ASSOC.
KVA	KILOVOLT AMPERES	NL	ON NIGHT LIGHTING CIRCUIT
KW	KILOWATT	NO	NORMALLY OPEN
KWH	KILOWATT HOURS	O/C	OVERCURRENT
LBS	POUNDS	OL	OVERLOAD
LOC	LOCATED	P	POLES
LP	LIGHTING PANEL	PB	PULL BOX
LTG	LIGHTING	PF	POWER FACTOR
MA	MILLIAMPS	PH	PHASE
MACH	MACHINE	PLB	PLUMBING
MCB	METAL-CLAD CABLE	PNL	PANEL
MCB	MAIN CIRCUIT BREAKER	PP	POWER PANEL
		PWR	POWER
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
PVC	POLYVINYL CHLORIDE	UL	UNDERWRITERS LABORATORIES, INC.
P/T	POTENTIAL TRANSFORMER	V	VOLTS
R	REMOVE	VA	VOLT AMPERES
RC	REMOTE CONTROL	VENT	VENTILATING
RECEPT	RECEPTACLE	VERT	VERTICAL
REL	RELOCATE	VP	VAPORPROOF
REQ	REQUIRED	W	WATTS
REV	REVERSE	WG	WIRE GUARD
RM	ROOM	WP	WEATHERPROOF
RMS	ROOT MEAN SQUARE	XTMR	TRANSFORMER
SP	SPARE	YD	YARD
SPECS	SPECIFICATIONS	1/C, 2/C,	1 CONDUCTOR, 2 CONDUCTORS, ETC.
SPKLR	SPRINKLER		
SPKR	SPEAKER		
SQ	SQUARE		
STD	STANDARD		
SURF	SURFACE		
SW	SWITCH		
SWBD	SWITCHBOARD		
SWGR	SWITCHGEAR		
SUSP	SUSPENDED		
SYM	SYMMETRICAL		
TEL	TELEPHONE		
TELCO	TELEPHONE COMPANY		
TV	TELEVISION		
TYP	TYPICAL		
UC	UNDERCOUNTER		
UFD	UNDERFLOOR DUCT		



3535 Travis Street