SYMBOLS LEGEND

LIGHTING

SYMBOL	DESCRIPTION	SPECIFICATIONS
$	1 POLE, SINGLE THROW ROCKER SWITCH	ALL LIGHTING CONTROLS SHALL BE 20A, 120/277V, UNO.
$2	2 POLE, SINGLE THROW ROCKER SWITCH	FINISHED AREAS: COMMERCIAL GRADE W/WHITE NYLON COVER, UNO
$3	1 POLE, DOUBLE THROW 3–WAY ROCK	UNFINISHED AREAS: HEAVY DUTY, INDUSTRIAL GRADE TOGGLE SWITCH
$4	2 POLE, DOUBLE THROW 4–WAY ROCKER	
$D	SLIDE DIMMER, COMMERCIAL GRADE	VERIFY LOAD SERVED, MATCH RATING AND TYPE OF LOAD
DS	DOOR FRAME SWITCH	N.O. SWITCH TO TURN ON LIGHTS WHEN DOOR IS OPENED, MNT IN FRAME
OS	SWITCH MOUNTED OCCUPANCY SENSOR	15A, 120/277V INFRA RED & ULTRASONIC, PUSHBUTTON OVERRIDE, MNT IN SWITCHBOX, ADJUSTABLE DELAY & DAYLIGHT SENSING, SET AT 15 MIN.
OS W	WALL/CEILING MOUNTED OCCUPANCY SENSOR	15A, 120/277V, INFRARED & ULTRASONIC, CEILING/WALL MOUNTED W/ADJ, GIMBAL, 110° COVERAGE, ADJUSTABLE DELAY & DAYLIGHT SENSE
OS	CEILING MOUNTED OCCUPANCY SENSOR	15A, 120/277V, INFRARED & ULTRASONIC, 360° (UNLESS NOTED 180°), 1000 SQ.FT, ADJUSTABLE DELAY & DAYLIGHT SENSE
PC	PHOTOCELL	AMPS/VOLTAGE/CONTACTS TO MATCH USE, SCREW CLAMP TERMINALS
TC	TIMECLOCK	24 HR, 7 DAY ASTRONOMICAL, HOLIDAY SCEHDULING
	EMERGENCY LIGHTING FIXTURE CONTROLLED BY UNSWITCHED LEG OF AREA LIGHTING CIRCUIT	PROVIDE NORMAL POWER FROM AREA LTG CIRCUIT & EMERGENCY BACK–UP FROM AN INTEGRAL 90 MIN. BATTERY PACK OR LOCAL TRANSFER SWITCH & GENERATOR BACKED LIFE SAFETY CIRCUIT
	LED EXIT SIGN W/ARROWS AS REQUIRED	90 MIN BATTERY W/SELF DIAGNOSTICS, EDGE LIT GLASS IN FINISHED AREA
	EXTERIOR SPOTLIGHT	PROVIDE A MINIMUM 8 IN.ø, 12 IN. DEEP CONRETE PIER
	POLE MOUNTED LIGHT FIXTURE	PROVIDE A MINIMUM 24"ø, 8 FT. REINFORCED CONCRETE FOUNDATION
	TRACK LIGHTING FIXTURE	

POWER

SYMBOL	DESCRIPTION	SPECIFICATIONS
	CIRCUIT WIRING	THHN/THWN, SOFT DRAWN, STRANDED COPPER; USE SOLID #10 & SMALLER
	UNDERGROUND CIRCUIT WIRING	XHHW, SOFT DRAWN, STRANDED COPPER; USE SOLID #10 & SMALLER
UE	UNDERGROUND ELECTRICAL SERVICE	UTILITY SERVICE FEEDER DUCT BANK
OE	OVERHEAD ELECTRICAL SERVICE	UTILITY PROVIDER, MAINTAIN EASEMENT
MH	ELECTRICAL MANHOLE	PRECAST CONCRETE, GROUNDED, STEEL LID, GRAVEL DRAIN
	UTILITY POLE	PER UTILITY PROVIDER SPECIFICATIONS
A–1	NEUTRAL, HOT, GROUND CONDUCTORS HOMERUN TO PANELBOARD "A", CIRCUIT #1	
	EQUIPMENT CONNECTION POINT	PROVIDE 3 FT. MAX. FMC FROM COUPLING TO VIBRATING EQUIP. TERMINAL
	2 POLE, 3 WIRE, 125V SINGLE RECEPT.	COMMERCIAL GRADE, WHITE NYLON FACE & COVER. USE HEAVY DUTY,
	2 POLE, 3 WIRE, 125V DUPLEX RECEPT	INDUSTRIAL GRADE IN MECHANICAL SPACE & INDUSTRIAL AREAS
IG	ISOLATED, INSULATED GROUND	DEDICATED #12 GROUND FROM PANEL TO RECEPT, GREEN W/YELLOW STRIP
GFI	GROUND FAULT INTERRUPTER	FEED THRU TYPE WITH INDICATOR LIGHT & RESET BUTTON
WP/WR	WEATHERPROOF WHILE IN USE ENCLOSURE	
	QUADRUPLEX RECEPTACLE	
	FLOOR MOUNTED RECEPTACLE	ALL WIRING DEVICES SHOWN IN SQUARE BOX TO BE FLOOR OR CEILING MNT
	SPECIAL PURPOSE RECEPTACLE	TYPE & RATINGS AS NOTED. VERIFY IF TWISTLOCK IS REQUIRED.
J	JUNCTION BOX	CAST OR SHEET METAL BOX WITH COVER
	PANELBOARD	COPPER PH, N, G BUSSING. CONTINUOUSLY HINGED DOOR & FRONT COVER
T	TRANSFORMER	COPPER, 2 WINDING, 3–PHASE DELTA TO WYE ON PAD WITH ISOLATORS
	MOLDED CASE CKT BREAKER	INVERSE TIME THERMAL/MAGNETIC BOLT ON, ADJUSTABLE LSIG AS REQUIRED
	DRAWOUT CIRCUIT BREAKER, AIR TYPE	DIGITAL TRIP UNIT, ADJUSTABLE LSIG
	THERMAL OVERLOAD	ADJUSTABLE OVERLOAD, SIZE PER MOTOR FLA
	FUSED DISCONNECT SWITCH	SEE ONE LINE
	FUSE, HOLDER & PULLER	SEE ONE LINE
	POTENTIAL TRANSFORMER	.5% ACCURACY, ENCLOSED
	CURRENT TRANSFORMER	TORROIDAL OR RECTANGLE WINDOW, SINGLE RATIO, POLARITY MARKS
M	METER	SEE ONE LINE
X	MOTOR, "X" INDICATING HORSE POWER	MOTOR BY OTHERS, UNO; EC TO MAKE WIRING TERMINATIONS
$	MOTOR RATED TOGGLE SWITCH	20A, 277V, HP RATED, HEAVY DUTY, INDUSTRIAL, LOTO PROVISIONS
$M	MANUAL MOTOR STARTER	AMPS/VOLTAGE/POLES TO MATCH LOAD, THERMAL OVERLOADS, LOTO
	DISCONNECT SWITCH	QUICK–MAKE/BREAK LOAD INTERRUPTER KNIFE SWITCH, HINGED METAL ENCLOSURE, EXTERNAL OPERABLE HANDLE, LOCABLE ON OR OFF. AMPS/POLES/FUSE SIZE/NEMA RATING
	COMBINATION STARTER & DISCONNECT	PROVIDE INTEGRAL DISCONNECT FOR STARTERS, VFDS, ETC SHOWN WITH A DISCONNECT HANDLE
	MAGNETIC STARTER – FVNR U.N.O.	N.O. & N.C. AUXILLARY CONTACTS, FUSED CPT, ADJUSTABLE OVERLOAD SIZED PER MOTOR HP, REMOTE START INPUT, HOA SWITCH
	MAGNETIC CONTACTOR	20A PER POLE, 120/277V, HOA SWITCH, HINGED METAL ENCLOSURE
VFD	VARIABLE FREQUENCY DRIVE	RATINGS PER PLANS AND SPECIFICATIONS
GEN	GENERATION REMOTE ANNUNICATOR	LCD DISPLAY, PUSHBUTTON CONTROLS
SPD	SURGE PROTECTION DEVICE (TVSS)	UL 1449 TYPE 1, 20KA MIN, UNO

COMMUNICATIONS

SYMBOL	DESCRIPTION	SPECIFICATIONS
	DATA OUTLET WALL & FLOOR MTD.	4X4 DEEP METAL BOX WITH SINGLE GANG REDUCER
	DATA/VOICE OUTLET WALL & FLOOR MTD.	WITH CONDUIT FROM BOX TO ACCESSIBLE CEILING
	VOICE OUTLET WALL & FLOOR MTD.	INSTALL FLOOR MOUNTED DATA IN FLOORBOX OR POKE THRU
WAP	WIRELESS ACCESS POINT (ROUTER).	COORDINATE WAP REQUIREMENTS WITH OWNER
S	SPEAKER OUTLET CEILING & WALL MTD.	COORDINATE SPEAKER REQUIREMENTS WITH OWNER
V	VOLUME CONTROL	COORDINATE EXACT LOCATION WITH OWNER
B	BUZZER CHIME	COORDINATE EXACT LOCATION WITH OWNER
	BUZZER SYSTEM PUSHBUTTON	COORDINATE EXACT LOCATION WITH OWNER
	AIPHONE SYSTEM DOOR STATION	COORDINATE EXACT LOCATION WITH OWNER
I	AIPHONE SYSTEM WALL MOUNT INTERCOM	COORDINATE EXACT LOCATION WITH OWNER

FIRE ALARM

SYMBOL	DESCRIPTION	SPECIFICATIONS
or F	AUDIO/VISUAL FIRE ALARM	ADDRESSABLE, HORN, XENON STROBE, ADJUSTABLE STROBE INTENSITY
VC	VISUAL STROBE FIRE ALARM	ADDRESSABLE, XENON STROBE, ADJUSTABLE STROBE INTENSITY
F	MANUAL PULL STATION	ADDRESSABLE, MANUAL, SINGLE ACTION, ADA COMPLIANT ALARM
FS	FIRE ALARM SPEAKER	
or SD	AREA SMOKE DETECTOR	ADDRESSABLE, IONIZATION/PHOTOELCTRIC, ADJUSTABLE SENSITIVITY
or HD	AREA HEAT DETECTOR	ADDRESSABLE, RATE OF RISE & FIXED TEMP, SPOT TYPE, LED STATUS
or DD	DUCT MOUNTED SMOKE DETECTOR	ADDRESSABLE, SAMPLING TUBE, RELAY CONTACT, LOCATE 3FT FROM FAN BEFORE BRANCHES, LED STATUS INDICATOR
FACP	FIRE ALARM PANEL	MODULAR, ADDRESSABLE, AUTOMATIC FA SYSTEM REMOTE MONITORING BATTERY BACKUP TO OPERATE FOR 24 HOURS FOLLOWED BY 5 MIN. OF ALARM, LCD DISPLAY, PUSHBUTTON CONTROLS
NAC	FIRE ALARM EXTENSION PANEL	
FAA	FIRE ALARM PANEL REMOTE ANNUNCIATOR	LCD DISPLAY, PUSHBUTTON CONTROLS
MM	MONITOR MODULE	MOUNT IN J–BOX, SOLID COVER W/LABEL, 1/2" CONDUIT TO ACCESSIBLE CEILING
CM	CONTROL MODULE	
H	HOOD FIRE SUPPRESSION SYSTEM RELAY	
SS	SUPERVISORY SWITCH	
or TS	TAMPER SWITCH	
or WF	WATER FLOW SWITCH	PADDLE SWITCH, ACTUATED BY WATER FLOW
	MOTORIZED SMOKE FIRE DAMPER	PROVIDE 120V PWR & FA MODULES AT DUCT
F	FIREMAN'S PHONE JACK, WALL MOUNTED	4X4 DEEP METAL BOX W/SINGLE GANG REDUCER, 1" CONDUIT TO CEILING
AR	AREA OF REFUGE BUTTON	SPECIFIED BY ARCHITECT

ABBREVIATIONS

A.	AMPERE	FACP	FIRE ALARM CONTROL PANEL	MTD.	MOUNTED
AC	ABOVE COUNTER	FLA.	FULL LOAD AMPS	MTS	MANUAL TRANSFER SWITCH
AFF.	ABOVE FINISHED FLOOR	FS	FLOW SWITCH	MV.	MEDIUM VOLTAGE
AIC.	AMP INTERRUPTING CAPACITY	FSD	FIRE SMOKE DAMPER	N.I.C.	NOT IN CONTRACT
A/V	AUDIO VISUAL	GFI.	GROUND FAULT INTERRUPTER	NTS.	NOT TO SCALE
ATS	AUTOMATIC TRANSFER SWITCH	GND.	GROUND	ø	PHASE
BLDG.	BUILDING	HOA.	HAND–OFF–AUTO	OL.	OVERLOAD
C.	CONDUIT	HP.	HORSEPOWER	OE	OVER HEAD ELECTRIC
CKT.	CIRCUIT	HPS.	HIGH PRESSURE SODIUM	P.S.	PULL STRING
CM	CONTROL MODULE	HTR.	HEATER	RECPT.	RECEPTACLE
COA.	CITY OF AUSTIN	IG	ISOLATED GROUND	RGS.	RIGID GALVANIZED STEEL
CONN.	CONNECT OR CONNECTION	J–BOX	JUNCTION BOX	SPD	SURGE PROTECTION DEVICE
CT.	CURRENT TRANSFORMER	KCM.	THOUSAND CIRCULAR MILLS	TS	TAMPER SWITCH
DIM.	DIMENSION	LOTO	LOCK OUT TAG OUT	TTB	TELEPHONE TERMINAL BOARD
EA.	EACH	LTG.	LIGHT OR LIGHTING	TVSS	TRANSIENT V. SURGE SUPPRESSER
EC	ELECTRICAL CONTRACTOR	MCB.	MAIN CIRCUIT BREAKER	TYP.	TYPICAL
EF.	EXHAUST FAN	MCC.	MOTOR CONTROL CENTER	UG.	UNDERGROUND
ELEC.	ELECTRIC,ELECTRICAL	MCP.	MOTOR CIRCUIT PROTECTOR	UNO.	UNLESS NOTED OTHERWISE
EMER.	EMERGENCY	MIN.	MINIMUM	V.	VOLTAGE
EPO	EMERGENCY POWER OFF	MH.	METAL HALIDE	WH.	WATER HEATER
EWC.	ELECTRIC WATER COOLER	MLO.	MAIN LUGS ONLY	WP.	WEATHER PROOF
		MRS	MOTOR RATED SWITCH	WR.	WEATHER RATED
		MSB.	MAIN SWITCH BOARD	XFMR.	TRANSFORMER

FIRE ALARM BIDDER DESIGN GENERAL NOTES:

1. TENANT FIRE ALARM SYSTEM SHALL BE PROVIDED BY BIDDER DESIGN SUB–CONTRACTOR AT THE EXPENSE OF THE ELECTRICAL CONTRACTOR. SEE SPECIFICATIONS FOR GENERAL REQUIREMENTS.
2. FIRE ALARM CABLING THROUGHOUT SALES FLOOR AREAS SHALL BE RUN IN CONDUIT, NO EXCEPTIONS. AT ALL OTHER LOCATIONS CABLING MAY BE RUN EXPOSED ONLY AS ALLOWED BY LANDLORD AND JURISDICTION

DEDICATED NEUTRAL GENERAL NOTE:

PROVIDE DEDICATED NEUTRAL CONDUCTOR FOR EACH BRANCH CIRCUIT – NO SHARING OF NEUTRAL ALLOWED.

DATA CONDUIT GENERAL NOTE:

1. NO CONDULETS (LB's)
2. PROVIDE A PULL BOX FOR DATA CONDUIT RUNS OF 100 FEET OR MORE AND IF THERE ARE MORE THAN THREE 90 DEGREE BENDS. IF DATA PULL BOX IS REQUIRED, ELECTRICAL CONTRACTOR SHALL COORDINATE EXACT LOCATION OF PULL BOX WITH GENERAL CONTRACTOR PRIOR TO INSTALLATION AND SIZE AS REQUIRED.
3. RUN IN THE MOST DIRECT ROUTE AS POSSIBLE (USUALLY PARALLEL TO BUILDING LINES)
4. BE BONDED ON BOTH ENDS IN ACCORDANCE WITH NATIONAL OR LOCAL REQUIREMENTS (ANSI/TIA/EIA–607)
5. WITHSTAND THE ENVIRONMENTS TO WHICH THEY WILL BE EXPOSED.

POWER GENERAL NOTES:

1. SECURITY ALARM, DATA AND TELEPHONE SYSTEMS SHALL BE INSTALLED BY THE TENANT AFTER CASEWORK INSTALLATION. CONDUIT, BOXES AND PULL WIRES TO BE PROVIDED BY THE ELECTRICAL CONTRACTOR. COORDINATE WITH SECURITY AND TELEPHONE SYSTEMS INSTALLER AT JOBSITE.
2. REFER TO MECHANICAL DRAWINGS FOR EXACT HVAC EQUIPMENT LOCATIONS AND SPECIFICATIONS. VERIFY EQUIPMENT WIRE SIZE, CONDUIT SIZES, CIRCUIT BREAKER AND DISCONNECT SIZES WITH EQUIPMENT NAMEPLATE PRIOR TO ROUGH–IN.
3. ALL CONNECTIONS TO HVAC EQUIPMENT SHALL BE MADE WITH COPPER CONDUCTORS ONLY.
4. PROVIDE FUSIBLE DISCONNECT SWITCHES OR HACR CIRCUIT BREAKERS FOR ALL HVAC EQUIPMENT. FUSE SIZES SHALL BE AS INDICATED ON EQUIPMENT NAMEPLATES. THE ELECTRICAL CONTRACTOR SHALL COORDINATE DISCONNECT SWITCH AND FUSE SIZES WITH MECHANICAL CONTRACTOR PRIOR TO ORDERING MATERIAL.
5. ALL FUSES FOR THIS PROJECT SHALL BE BUSSMAN CLASS RK5 DUAL ELEMENT CURRENT LIMITING WITH AMPERAGES AS INDICATED OR REQUIRED.
6. FIRE SEAL ALL FIRE WALL PENETRATIONS FOR CONDUITS WITH AN APPROVED FIRE SEALANT AFTER CONDUIT INSTALLATION. FIRE SEAL SHALL PROVIDE EQUAL FIRE RATING AS WALL.
7. ALL RECEPTACLE CIRCUITS UP TO 100'–0" IN LENGTH SHALL UTILIZE #12 CONDUCTORS MINIMUM. ALL RECEPTACLE CIRCUITS FROM 101'–0" TO 150'–0" IN LENGTH SHALL UTILIZE #10 CONDUCTORS MINIMUM. ALL RECEPTACLE CIRCUITS 151'–0" UP TO 250'–0" IN LENGTH SHALL UTILIZE #8 CONDUCTORS MINIMUM. CIRCUITS ABOVE 251'–0" SHALL UTILIZE #6 CONDUCTORS MINIMUM.
8. DECORA OUTLETS THROUGHOUT. WHITE ON WHITE.

GENERAL NOTES:

1. CIRCUIT BREAKER TYPE PANELBOARDS WITH BOLT–ON TYPE CIRCUIT BREAKERS WITH ADEQUATE INTERRUPTING CAPACITY SHALL BE FURNISHED AND INSTALLED BY THE ELECTRICAL CONTRACTOR.
2. THE GROUNDING SYSTEM WITHIN THE PREMISE SHALL BE CONTINUOUS FROM THE SYSTEM GROUND IN THE METER ROOM. THE SECONDARY OF THE TENANT TRANSFORMERS SHALL BE GROUNDED IN ACCORDANCE WITH N.E.C.
3. ALL WIRING METHODS SHALL BE IN ACCORDANCE WITH LOCAL AND NATIONAL CODES. ALL POWER WIRE ON THE PREMISE SHALL BE INSTALLED IN CONDUIT. CONDUCTOR INSULATION SHALL BE THW, THHN OR THWN. NO ROMEX CABLES ARE ALLOWED.
4. ALL ELECTRICAL MATERIALS SHALL BE NEW AND UNUSED AND SHALL INCLUDE ALL OPTIONAL ITEMS REQUIRED FOR A COMPLETE INSTALLATION. ALL EQUIPMENT SHALL BEAR THE UNDERWRITER'S LABORATORIES LABEL.
5. BX, ROMEX, ARMORED CABLING, ETC. SHALL NOT BE ALLOWED.
6. WHEN SPACE ABOVE CEILING IS INDICATED TO BE A RETURN AIR PLENUM, PLENUM NONCOMBUSTIBLE CONSTRUCTION MATERIALS TO BE USED ABOVE CEILING, INCLUDING EXISTING AND NEW WIRING EXCEPT INSULATION OF 25 FLAME SPREAD AND 50 SMOKE DEVELOPMENT FINISH RATING. LOW VOLTAGE OR LIMITED POWER WIRING MAY BE LABELED PLENUM RATED TYPE.
7. ELECTRICAL CONTRACTOR SHALL PROVIDE ALL SEISMIC SUPPORT (LATERAL AND HORIZONTAL) FOR ALL TRACK LIGHTING AND LIGHT FIXTURES PER THE JURISDICTIONAL REQUIREMENTS.
8. SEE DETAILS #1 AND #2 ON SHEET E–202 FOR DATA/VOICE CONDUIT REQUIREMENTS.
9. UON ALL OUTLET HEIGHT DIMENSIONS SHALL BE TO CENTER OF DEVICE, MEASURED FROM FINISHED FLOOR.
10. ELECTRICAL CONTRACTOR SHALL PROVIDE PULL STRING IN ALL CONDUITS.
11. ELECTRICAL CONTRACTOR SHALL PROVIDE MOTOR STARTERS FOR ALL HVAC EQUIPMENT AS REQUIRED BY MECHANICAL CONTRACTOR.
12. SALES AREA UTILIZES "OPEN TO STRUCTURE" CONCEPT WITH NO CEILING INSTALLED . MC CABLE AND FLEXIBLE CABLING SHALL NOT BE ALLOWED AT ANY AREAS THAT WILL BE WITHIN PUBLIC VIEW. ALL EXPOSED CONDUIT AND BRANCH CIRCUITING SHALL BE NEATLY INSTALLED USING EMT. CONDUIT RUNS SHALL BE GROUPED TOGETHER, RUN PARALLEL TO GRID LINES, AND RACKED ON TRAPEZE W/THREADED ROD ATTACHED TO STRUCTURE. HORIZONTAL SPACING BETWEEN CONDUITS ON RACK SHALL BE UNIFORM AND CONSISTENT THROUGHOUT.
13. FOR RECEPTACLE LOCATIONS THAT REQUIRE SURFACE MOUNTING, PROVIDE STEEL, RAISED COVER.
14. FOR DEVICE MOUNTING HEIGHT REQUIREMENTS, SEE DETAIL #2, SHEET E–205.
15. AT SALES FLOOR, VERTICAL BRANCH CIRCUIT DROPS SHALL BE NEATLY CONCEALED WHERE POSSIBLE.
16. ELECTRICAL CONTRACTOR SHALL OBTAIN LANDLORD CRITERIA MANUAL AND COMPLY WITH ALL REQUIREMENTS.
17. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH OWNERS' SECURITY VENDOR AND PROVIDE RACEWAYS AS REQUIRED.
18. ALL WHIPS FOR CASEWORK ARE TO BE FULLY ENCASED INSIDE WALLS.

THREADED ROD SUPPORT CONNECTION NOTE:

1. PROVIDE A POSITIVE LOCKING MECHANISM AN ALL THREADED ROD HANGER CONNECTIONS: I.E. LOCKNUTS, LOCK WASHERS, NYLON INSERTS, DOUBLE NUTS, LOCTITE, ETC..

SECURITY SYSTEM GENERAL NOTES:

1. THE SECURITY SYSTEM CABLING SHALL BE PROVIDED BY THE OWNER'S VENDOR. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH THIS VENDOR AND PROVIDE SLEEVES AND/OR PENETRATIONS THROUGH FIRE RATED CONSTRUCTION OR FLOORS AS REQUIRED FOR THE CABLING INSTALLATION.
2. THE ELECTRICAL CONTRACTOR SHALL PROVIDE THE SECURITY SYSTEM RACEWAY AS SHOWN ON THE PLANS AND AS REQUIRED BY THE JURISDICTION AND LANDLORD. THE ELECTRICAL CONTRACTOR SHALL CLEARLY LABEL WITH A SHARPIE MARKER, THE JUNCTION BOXES AND CONDUITS FOR THE SECURITY VENDOR. EACH CONDUIT SHALL BE CLEARLY MARKED AT THE STUB LOCATION WITH "SEC", AND EACH JUNCTION BOX SHALL BE MARKED ON THE INTERIOR OF THE BOX AS "SEC"
3. THE ELECTRICAL CONTRACTOR SHALL VERIFY WITH THE JURISDICTION AND LANDLORD IF LOW VOLTAGE CABLING IS REQUIRED TO BE INSTALLED IN CONDUIT, AND SHALL PROVIDE CONDUIT SYSTEM IF REQUIRED.

DATA/VOICE SYSTEM GENERAL NOTES:

1. THE DATA/VOICE SYSTEM CABLING (EXCEPT FOR SOUND SYSTEM VOLUME CONTROL AND TRAFFIC COUNTER) SHALL BE PROVIDED BY THE OWNER'S VENDOR. THE TENANT ELECTRICAL CONTRACTOR SHALL PROVIDE THE CABLING FOR THE VOLUME CONTROL AND TRAFFIC COUNTER.
2. THE ELECTRICAL CONTRACTOR SHALL PROVIDE THE OUTLET BOXES AND RACEWAY SYSTEM AS SHOWN ON THE PLANS AND AS REQUIRED BY THE JURISDICTION AND LANDLORD.
3. THE DATA/VOICE SYSTEM CABLING HAS A LENGTH LIMITATION OF 290 LINEAR FEET. THE ELECTRICAL CONTRACTOR SHALL PROVIDE A RACEWAY SYSTEM, IN ACCORDANCE WITH THE REQUIREMENTS SHOWN ON THE PLANS, SUCH THAT THE LINEAR FOOTAGE FROM EACH OUTLET TO THE TTB DOES NOT EXCEED 290 LINEAR FEET. IN THE EVENT THIS IN NOT POSSIBLE, REPORT BACK TO GENERAL CONTRACTOR AND OWNER FOR DIRECTION.
4. THE OVERHEAD RACEWAY SYSTEM SHALL BE RUN PARALLEL WITH THE BUILDING GRID LINES. IN THE EVENT THERE ARE CABLE LENGTH ISSUES, REPORT BACK TO THE GENERAL CONTRACTOR PRIOR TO RACEWAY INSTALLATION FOR DIRECTION.
5. THE ELECTRICAL CONTRACTOR SHALL CLEARLY LABEL WITH A SHARPIE MARKER THE OUTLET BOXES AND CONDUIT FOR THE DATA/VOICE VENDOR.

DRAWING SCHEDULE

NUMBER	TITLE
E–001	ELECTRICAL LEGENDS AND NOTES
E–002	LIGHTING FIXTURE SCHEDULE
E–003	LIGHTING CONTROLS
E–004	LIGHTING CONTROLS
E–005	SOUND SYSTEM
E–006	ENERGY CODE CALCULATIONS
E–110	OVERALL FIRST FLOOR POWER PLAN
E–111	PARTIAL FIRST FLOOR POWER PLAN
E–112	PARTIAL FIRST FLOOR POWER PLAN
E–120	BASEMENT POWER PLAN
E–130	OVERALL FIRST FLOOR LIGHTING PLAN
E–131	PARTIAL FIRST FLOOR LIGHTING PLAN
E–132	PARTIAL FIRST FLOOR LIGHTING PLAN
E–140	BASEMENT LIGHTING PLAN
E–201	ELECTRICAL DETAILS
E–202	ELECTRICAL DETAILS
E–203	ELECTRICAL DETAILS
E–204	ELECTRICAL DETAILS
E–205	ELECTRICAL DETAILS
E–206	ELECTRICAL DETAILS
E–401	ELECTRICAL RISER DIAGRAM
E–501	PANEL SCHEDULES
E–901	ELECTRICAL SPECIFICATIONS
E–902	ELECTRICAL SPECIFICATIONS

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Date: 04/26/17

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No. 10507
LICENSED PROFESSIONAL ENGINEER
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ISSUED / REVISED	DATE
PRELIMINARY SET	09/08/16
LL COORDINATION SET	11/08/16
LL/PERMIT SET	11/21/16

ELECTRICAL LEGENDS AND NOTES

E-001