

LIGHTING	POWER DISTRIBUTION	AUXILIARY	WIRING																										
<p>○ RECESSED OR SURFACE MOUNTED LIGHT FIXTURE</p> <p>◻ RECESSED OR SURFACE MOUNTED LIGHT FIXTURE CONNECTED TO EMERGENCY POWER SOURCE OR WITH BATTERY BACK-UP</p> <p>⊖ SUSPENDED OR SURFACE MOUNTED LIGHT FIXTURE CONNECTED TO EMERGENCY POWER SOURCE OR WITH BATTERY BACK-UP</p> <p>○ RECESSED OR SURFACE MOUNTED LIGHT FIXTURE</p> <p>● RECESSED OR SURFACE MOUNTED LIGHT FIXTURE CONNECTED TO EMERGENCY POWER SOURCE OR WITH BATTERY BACK-UP</p> <p>○ WALL MOUNTED LIGHT FIXTURE</p> <p>● WALL MOUNTED LIGHT FIXTURE CONNECTED TO EMERGENCY POWER SOURCE OR WITH BATTERY BACK-UP</p> <p>⊗ WALL MOUNTED SINGLE FACE EXIT SIGN WITH DIRECTIONAL CHEVRONS AS INDICATED BY ARROWS</p> <p>□ POLE MOUNTED SITE LIGHTING FIXTURE (2 HEAD SHOWN) - 1, 2, 3, OR 4 HEAD AS SHOWN ON PLANS.</p>	<p>☐ RECEPTACLE PANEL - SURFACE MOUNTED.</p> <p>☐ RECEPTACLE PANEL - FLUSH MOUNTED.</p> <p>☐ LIGHTING PANEL - SURFACE MOUNTED.</p> <p>☐ LIGHTING PANEL - FLUSH MOUNTED.</p> <p>▨ DISTRIBUTION OR POWER PANEL - SURFACE MOUNTED.</p> <p>T TRANSFORMER</p> <p>☐ FUSED DISCONNECT SWITCH.</p> <p>☐ NON-FUSED DISCONNECT SWITCH.</p> <p>☐ ENCLOSED CIRCUIT BREAKER.</p> <p>☐ COMBINATION STARTER/DISCONNECT.</p> <p>Su MOTOR RATED SWITCH WITH THERMAL OVERLOAD UNITS.</p> <p>☐ EMERGENCY POWER OFF (EPO) PUSHBUTTON.</p> <p>GEN GENERATOR.</p> <p>ATS AUTOMATIC TRANSFER SWITCH</p> <p>EH RELAY - ELECTRICALLY HELD - CONTINUOUS DUTY</p> <p>MH RELAY - MECHANICALLY HELD - CONTINUOUS DUTY</p>	<p>◁ VOICE/DATA OUTLET ROUGH-IN AT STANDARD OUTLET HEIGHT: DOUBLE GANG OUTLET BOX WITH SINGLE GANG MUD RING AND A 3/4" CONDUIT STUBBED UP TO ABOVE NEAREST ACCESSIBLE CEILING, TERMINATED WITH SMOOTH BUSHING. PROVIDE PULLWIRE.</p> <p>◁ VOICE/DATA ROUGH-IN ABOVE STANDARD HEIGHT OR MOUNTED ABOVE COUNTER: DOUBLE GANG OUTLET BOX WITH SINGLE GANG MUD RING AND A 1" CONDUIT STUBBED UP TO ABOVE NEAREST ACCESSIBLE CEILING, TERMINATED WITH SMOOTH BUSHING. PROVIDE PULLWIRE. OUTLET HEIGHT AS INDICATED.</p> <p>◁ TELEPHONE OUTLET ROUGH-IN AT STANDARD OUTLET HEIGHT. SINGLE GANG OUTLET BOX WITH SINGLE GANG MUD RING AND A 3/4" CONDUIT STUBBED UP TO ABOVE NEAREST ACCESSIBLE CEILING, TERMINATED WITH SMOOTH BUSHING. PROVIDE PULLWIRE.</p> <p>◁ TELEPHONE OUTLET ROUGH-IN AT 54" A.F.F. SINGLE GANG OUTLET BOX WITH SINGLE GANG MUD RING AND A 3/4" CONDUIT STUBBED UP TO ABOVE NEAREST ACCESSIBLE CEILING AND TERMINATED WITH SMOOTH BUSHING. PROVIDE PULLWIRE.</p> <p>◇ CABLE TV ROUGH-IN - SINGLE GANG OUTLET BOX WITH SINGLE GANG MUD PLATE - PROVIDE 3/4" CONDUIT STUBBED UP TO ABOVE NEAREST ACCESSIBLE CEILING, TERMINATED WITH SMOOTH BUSHING, AND PROVIDE PULLWIRE.</p> <p>◇ CABLE TV ROUGH-IN ABOVE STANDARD HEIGHT OR MOUNTED ABOVE COUNTER: SINGLE GANG OUTLET BOX WITH SINGLE GANG MUD RING AND A 3/4" CONDUIT STUBBED UP TO ABOVE NEAREST ACCESSIBLE CEILING, TERMINATED WITH SMOOTH BUSHING. PROVIDE PULLWIRE. OUTLET HEIGHT AS INDICATED.</p> <p>⊙ SPEAKER - CEILING MOUNTED.</p> <p>⊙ SPEAKER - WALL MOUNTED.</p> <p>SVC VOLUME CONTROL SWITCH</p> <p>○ CALL IN SWITCH FOR INTERCOM SYSTEM.</p> <p>⊙ BELL</p> <p>⊙ CEILING MOUNTED CAMERA</p> <p>⊙ WALL MOUNTED CAMERA</p> <p>⊙ WALL MOUNTED CAMERA</p> <p>⊙ THERMOSTAT ROUGH-IN. COORDINATE LOCATION, MOUNTING HEIGHT, AND ORIENTATION WITH THE MECHANICAL CONTRACTOR. PROVIDE 3/4" CONDUIT STUBBED UP TO ABOVE NEAREST ACCESSIBLE CEILING, TERMINATED WITH SMOOTH BUSHING. PROVIDE PULLWIRE.</p> <p>CT - CABLE TRAY - WIDTH AND DEPTH AS SHOWN ON PLANS</p> <p>BB - TELECOMMUNICATIONS EQUIPMENT BACKBOARD</p>	<p>— BRANCH CIRCUIT - ROUTED ABOVE CEILING OR IN WALL.</p> <p>— BRANCH CIRCUIT - ROUTED BELOW FLOOR OR GRADE.</p> <p>— BRANCH CIRCUIT - ANY CIRCUIT WITHOUT FURTHER DESIGNATIONS (1) HOT, (1) NEUTRAL, (1) GROUND</p> <p>— BRANCH CIRCUIT - SHORT HASH MARK INDICATES TWY WIRE(S), LONG HASH INDICATES 'NEUTRAL' CONDUCTOR. GROUND WIRE IS NOT INDICATED BUT IS REQUIRED IN ALL CIRCUITS.</p> <p>— BRANCH CIRCUIT - EXPOSED</p> <p>— FEEDER - OVERHEAD</p> <p>— FEEDER - UNDERGROUND</p> <p>BRANCH CIRCUIT WIRING FOR LIGHTING AND POWER IS SHOWN SCHEMATICALLY. EACH ELECTRICAL DEVICE IS TO BE INSTALLED WITH AN INDIVIDUAL CONDUIT CONNECTION. FOR EXAMPLE:</p> <p>NOTE: MINIMUM CONDUIT SIZE SHALL BE 1/2"Ø.</p>																										
<p>SWITCHES AND LIGHTING CONTROL</p> <p>S SINGLE POLE SWITCH, 20A, 125/277V, A.C. TYPE.</p> <p>S₃ THREE-WAY SWITCH, 20A, 125/277V, A.C. TYPE.</p> <p>S₂ SUBSCRIPT LISTOR IDENTIFIES LIGHTING FIXTURES CONTROLLED. SWITCH TO BE SINGLE, TWO POLE OR THREE, FOUR WAY AS MARKED.</p> <p>S_{OS} OCCUPANCY SENSOR/WALL SWITCH - DUAL TECHNOLOGY, PASSIVE INFRARED & ULTRASONIC, 120/277VAC</p> <p>PP POWER PACK FOR OCCUPANCY SENSOR LIGHTING CONTROL.</p> <p>OS OCCUPANCY SENSOR - CEILING MOUNTED, DUAL TECHNOLOGY, PASSIVE INFRARED AND ULTRASONIC.</p> <p>NOTE: LIGHT SWITCHES ARE TO BE INSTALLED ON STRIKE SIDE OF DOOR UNLESS SPECIFICALLY NOTED OTHERWISE. VERIFY ALL DOOR SWINGS WITH ARCHITECTURAL DRAWINGS PRIOR TO ROUGH-IN.</p>	<p>RECEPTACLES</p> <p>⊖ DUPLEX RECEPTACLE, 20A, 125V., 3 WIRE, GROUNDING TYPE.</p> <p>⊖ DUPLEX RECEPTACLE, MOUNTED ABOVE COUNTER. 20A, 125V., 3 WIRE, GROUNDING TYPE.</p> <p>⊖ DOUBLE DUPLEX RECEPTACLE, 20A, 125V., 3 WIRE, GROUNDING TYPE.</p> <p>⊖ DOUBLE DUPLEX RECEPTACLE, MOUNTED ABOVE COUNTER, 20A, 125V., 3 WIRE, GROUNDING TYPE.</p> <p>⊖ DUPLEX RECEPTACLE WITH GROUND FAULT INTERRUPTER, 20A, 125V., 3 WIRE, GROUNDING TYPE.</p> <p>⊖ DUPLEX RECEPTACLE WITH GROUND FAULT INTERRUPTER AND WEATHERPROOF COVER, 20A, 125V., 3 WIRE, GROUNDING TYPE.</p> <p>⊖ DUPLEX RECEPTACLE WITH GROUND FAULT INTERRUPTER, MOUNTED ABOVE COUNTER, 20A, 125V., 3 WIRE, GROUNDING TYPE.</p> <p>⊖ DOUBLE DUPLEX RECEPTACLE WITH GROUND FAULT CIRCUIT INTERRUPTER, 20A, 125V., 3 WIRE, GROUNDING TYPE.</p> <p>⊖ DOUBLE DUPLEX RECEPTACLE WITH GROUND FAULT CIRCUIT INTERRUPTER, MOUNTED ABOVE COUNTER, 20A, 125V., 3 WIRE, GROUNDING TYPE.</p> <p>⊖ DUPLEX RECEPTACLE WITH (2) USB OUTLETS, 20A, 125V., 3 WIRE, GROUNDING TYPE.</p> <p>⊖ DUPLEX RECEPTACLE WITH (2) USB OUTLETS, MOUNTED ABOVE COUNTER, 20A, 125V., 3 WIRE, GROUNDING TYPE.</p> <p>⊖ SINGLE RECEPTACLE, 20A, 125V., 3 WIRE, GROUNDING TYPE.</p> <p>⊖ SPECIAL PURPOSE RECEPTACLE. CHARACTERISTICS AS INDICATED OR REQUIRED BY EQUIPMENT SERVED.</p> <p>⊖ RANGE RECEPTACLE, 250V., 3 OR 4 WIRE, GROUNDING TYPE. NEMA CONFIGURATION TO MATCH APPLIANCE CORD AND PLUG.</p> <p>⊖ DUPLEX RECEPTACLE, 20A, 125V., 3 WIRE, GROUNDING TYPE - TAMPER RESISTANT.</p> <p>⊖ DUPLEX RECEPTACLE, SPLIT WIRE, 20A, 125V., 3 WIRE, GROUNDING TYPE. BOTTOM RECEPTACLE TO BE SWITCHED UNLESS NOTED OTHERWISE.</p>	<p>FIRE ALARM</p> <p>FAA FIRE ALARM CONTROL PANEL</p> <p>FAA FIRE ALARM ANNUNCIATOR PANEL</p> <p>NAC REMOTE FIRE ALARM NOTIFICATION APPLIANCE CONTROL PANEL</p> <p>⊖ FIRE ALARM MANUAL PULL STATION.</p> <p>⊖ FIRE ALARM HORN/STROBE, WALL MOUNTED.</p> <p>⊖ FIRE ALARM STROBE, WALL MOUNTED.</p> <p>⊖ FIRE ALARM SPEAKER/STROBE, WALL MOUNTED</p> <p>⊖ FIRE ALARM SPEAKER, WALL MOUNTED</p> <p>⊖ FIRE ALARM SPEAKER, CEILING MOUNTED</p> <p>⊖ ADDRESSABLE HEAT DETECTOR</p> <p>⊖ SMOKE DETECTOR</p> <p>⊖ HS COMBINATION HEAT AND SMOKE DETECTOR</p> <p>⊖ B BEAM DETECTOR.</p> <p>⊖ SA ADDRESSABLE DUCT DETECTOR (SA=SUPPLY AIR - RA=RETURN AIR) WITH SAMPLING TUBE (LENGTH AS REQUIRED) AND CONTROL MODULE (ZAM) FOR AIR HANDLER SHUTDOWN.</p> <p>RT REMOTE TEST STATION (KEY OPERATED) FOR DUCT MOUNTED DETECTOR.</p> <p>FS FLOW SWITCH. DEVICE FURNISHED AND INSTALLED BY FIRE PROTECTION CONTRACTOR. ELECTRICAL CONTRACTOR TO PROVIDE MONITORING ZAM AND MAKE CONNECTIONS FOR FIRE ALARM SYSTEM.</p> <p>TS TAMPER SWITCH. DEVICE FURNISHED AND INSTALLED BY FIRE PROTECTION CONTRACTOR. ELECTRICAL CONTRACTOR TO PROVIDE MONITORING ZAM AND MAKE CONNECTIONS FOR FIRE ALARM SYSTEM.</p> <p>⊖ MAGNETIC DOOR HOLD OPEN DEVICE</p> <p>ZM MONITORING ZAM</p> <p>ZC CONTROL ZAM</p>	<p>OUTLET LOCATIONS</p> <p>NOTE: ALL DIMENSIONS ARE TO THE BOTTOM OF OUTLET BOX.</p> <p>B. WHERE OUTLETS ARE SHOWN TO BE MOUNTED ABOVE A COUNTERTOP, REFERENCE THE ARCHITECTURAL AND/OR CASEWORK DRAWINGS AND ROUGH-IN EACH DEVICE 2" ABOVE BACKSPASH OR 6" ABOVE THE COUNTERTOP TO THE BOTTOM OF THE BOX, WHICHEVER IS HIGHEST.</p> <p>C. SYMBOLS ON DRAWINGS AND MOUNTING HEIGHTS INDICATED SHALL BE VERIFIED ON THE JOB. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE WITH ALL TRADES. VERIFY ALL SPECIFIC CONSTRUCTION FEATURES, PRIOR TO ROUGH-IN AND PROVIDE CORRECT INSTALLATION IN ALL LOCATIONS.</p> <p>D. MOUNT ALL RECEPTACLES WITH GROUND SLOT IN THE TOP POSITION.</p>																										
<p>SECURITY (DEVICES BY OTHERS)</p> <p>CC CCTV CAMERA</p> <p>CR CARD READER</p> <p>RS ROUGH-IN FOR DOOR SECURITY</p> <p>DB DURESS BUTTON</p> <p>AL ALARM LIGHT</p> <p>⊖ DOOR CONTACT</p> <p>SV SAFE AND VAULT PROTECTION</p> <p>⊖ KEYPAD</p> <p>BT BILL TRAP</p> <p>⊖ SECURITY CONTROL PANEL</p> <p>⊖ PANIC DEVICE</p> <p>NOTES: 1. VERIFY ALL EQUIPMENT LOCATIONS WITH OWNER/ARCHITECT BEFORE INSTALLATION. 2. ALL SECURITY DEVICES REQUIRE OUTLET BOX ROUGH-IN WITH MINIMUM 1/2" CONDUIT TO NEAREST ACCESSIBLE CEILING. COORDINATE LOCATION OF DEVICE WITH SECURITY INSTALLER PRIOR TO ROUGH-IN. OUTLET BOXES AND CONDUIT BY E.C. DEVICES, EQUIPMENT, WIRING AND INSTALLATION BY OTHERS.</p>	<p>FLOOR BOXES AND POKE-THRU</p> <p>⊖ FLOOR OUTLET - DUPLEX RECEPTACLE, 20A, 125V., 3 WIRE (GROUNDING TYPE), WIREMOLD #880 SERIES WITH BRASS COVER AND GASKET. UL SCRUB-WATER LISTED.</p> <p>⊖ FLOOR OUTLET WITH POWER CONNECTION TO PRE-WIRED FURNITURE. WIREMOLD #880 SERIES WITH BRASS COVER AND GASKET. UL SCRUB-WATER LISTED.</p> <p>⊖ FLOOR OUTLET WITH AUXILIARY CONNECTIONS TO PRE-WIRED FURNITURE. WIREMOLD #880 SERIES WITH BRASS COVER AND GASKET. UL SCRUB-WATER LISTED.</p> <p>⊖ FLOOR OUTLET - WIREMOLD #RFB66-06 SERIES WITH DOUBLE DUPLEX RECEPTACLE, 20A, 125V., 3 WIRE AND PROVISIONS FOR VOICE/DATA JACKS. UL SCRUB-WATER LISTED.</p>	<p>MISCELLANEOUS</p> <p>⊖ JUNCTION BOX, CEILING MOUNTED.</p> <p>⊖ JUNCTION BOX, WALL MOUNTED.</p> <p>⊖ JUNCTION BOX, WALL MOUNTED WITH FLEX CONNECTION TO EQUIPMENT.</p> <p>○ RISER - UP</p> <p>● RISER - DOWN</p>	<p>ABBREVIATIONS</p> <table border="0"> <tr> <td>JR NEMA JR ENCLOSURE</td> <td>EX EXISTING TO REMAIN</td> </tr> <tr> <td>WP WEATHERPROOF</td> <td>XR EXISTING TO BE REMOVED</td> </tr> <tr> <td>UON UNLESS OTHERWISE NOTED</td> <td>XRR EXISTING TO BE REMOVED AND RELOCATED</td> </tr> <tr> <td>EM EMERGENCY</td> <td>XRL EXISTING RELOCATED</td> </tr> <tr> <td>NL NIGHT LIGHT</td> <td>XRP EXISTING TO BE REMOVED AND REPLACED WITH NEW</td> </tr> <tr> <td>AFF ABOVE FINISHED FLOOR</td> <td>XRT EXISTING TO BE RETROFITTED</td> </tr> <tr> <td>AFG ABOVE FINISHED GRADE</td> <td></td> </tr> <tr> <td>WG WIRE GUARD</td> <td></td> </tr> <tr> <td>NIC NOT IN CONTRACT</td> <td></td> </tr> <tr> <td>PIR PASSIVE INFRARED</td> <td></td> </tr> <tr> <td>IR INFRARED</td> <td></td> </tr> <tr> <td>DT DUAL TECHNOLOGY</td> <td></td> </tr> <tr> <td>EPO EMERGENCY POWER OFF</td> <td></td> </tr> </table>	JR NEMA JR ENCLOSURE	EX EXISTING TO REMAIN	WP WEATHERPROOF	XR EXISTING TO BE REMOVED	UON UNLESS OTHERWISE NOTED	XRR EXISTING TO BE REMOVED AND RELOCATED	EM EMERGENCY	XRL EXISTING RELOCATED	NL NIGHT LIGHT	XRP EXISTING TO BE REMOVED AND REPLACED WITH NEW	AFF ABOVE FINISHED FLOOR	XRT EXISTING TO BE RETROFITTED	AFG ABOVE FINISHED GRADE		WG WIRE GUARD		NIC NOT IN CONTRACT		PIR PASSIVE INFRARED		IR INFRARED		DT DUAL TECHNOLOGY		EPO EMERGENCY POWER OFF	
JR NEMA JR ENCLOSURE	EX EXISTING TO REMAIN																												
WP WEATHERPROOF	XR EXISTING TO BE REMOVED																												
UON UNLESS OTHERWISE NOTED	XRR EXISTING TO BE REMOVED AND RELOCATED																												
EM EMERGENCY	XRL EXISTING RELOCATED																												
NL NIGHT LIGHT	XRP EXISTING TO BE REMOVED AND REPLACED WITH NEW																												
AFF ABOVE FINISHED FLOOR	XRT EXISTING TO BE RETROFITTED																												
AFG ABOVE FINISHED GRADE																													
WG WIRE GUARD																													
NIC NOT IN CONTRACT																													
PIR PASSIVE INFRARED																													
IR INFRARED																													
DT DUAL TECHNOLOGY																													
EPO EMERGENCY POWER OFF																													

Order Plans

hendon thuckestein architects, PC
 architecture . planning . interior design
 2126 Morris Avenue Birmingham, AL 35203
 Phone: (205) 352-1751
 Fax: (205) 322-1778
 email: info@hpta.com
 www.hpta.com

A New Branch Bank for
Tyndall
 FEDERAL CREDIT UNION
 Dothan, Alabama

RELEASES / DESCRIPTION / DATES	
NOT FOR CONSTRUCTION	<input type="checkbox"/>
RELEASED FOR CONSTRUCTION	<input checked="" type="checkbox"/>
DATE	06.23.2020
DRAWN	---
CHECKED	---
APPROVED	HHA
PROJECT NUMBER	20012.01
SHEET TITLE	ELECTRICAL LEGEND & ELECTRICAL DETAILS
DRAWING NO.	E0.01