

LIGHTING FIXTURE SCHEDULE									
SYMBOL	LABEL	DESCRIPTION	LAMPS			BALLAST	VOLTAGE	MOUNTING	REMARKS
			NO.	TYPE	WATT	TYPE			
	FA	2'x4' FLUORESCENT TROFFER WITH STEEL DOOR, ACRYLIC A12.125 LENS AND WHITE FINISH. WILLIAMS "500" SERIES	3	T8 3500K	32	HIGH FREQ. ELECTRONIC	UNV	CEILING RECESSED	①
	UPGRADE OPTION	2'x4' FLUORESCENT FIXTURE WITH DIRECT DIST., PERF. BASKET AND WHITE FINISH. WILLIAMS "DIG-S24" SERIES	3	T8 3500K	32	HIGH FREQ. ELECTRONIC	UNV	CEILING RECESSED	①
	FA	2'x4' FLUORESCENT TROFFER WITH STEEL DOOR, ACRYLIC A12.125 LENS AND WHITE FINISH. WILLIAMS "500" SERIES	2	T8 3500K	32	HIGH FREQ. ELECTRONIC	UNV	CEILING RECESSED	①
	UPGRADE OPTION	2'x4' FLUORESCENT FIXTURE WITH DIRECT DIST., PERF. BASKET AND WHITE FINISH. WILLIAMS "DIG-S24" SERIES	2	T8 3500K	32	HIGH FREQ. ELECTRONIC	UNV	CEILING RECESSED	①
	FF	6' FLUORESCENT INDUSTRIAL STRIP FIXTURE WITH WIRE GUARD AND WHITE FINISH. WILLIAMS 76 SERIES	2	T8 3500K	86	HIGH FREQ. ELECTRONIC	UNV	CEILING SUSPENDED	①
	FF	4' FLUORESCENT INDUSTRIAL STRIP FIXTURE WITH WIRE GUARD AND WHITE FINISH. WILLIAMS 76 SERIES	2	T8 3500K	32	HIGH FREQ. ELECTRONIC	UNV	CEILING SUSPENDED	①
	LA	6" DIA. LED RETROFIT FIXTURE WITH WHITE TRIM. CREE "LR6-1BL" SERIES	-	LED 3500K	20	-	-	CEILING RECESSED	①
	P	DIMMABLE DECORATIVE PENDANT FIXTURE. SELECTED BY OWNER, PROVIDED BY CONTRACTOR.	-	-	150	-	-	CEILING SUSPENDED	②
	TF	DIMMABLE LIGHTBAR FIXTURE. SELECTED BY OWNER, PROVIDED BY CONTRACTOR.	-	-	-	-	-	CEILING SURFACE	①
	WM	WALL PACK LIGHT FIXTURE. MATCH BUILDING STANDARD	-	-	-	-	-	WALL SURFACE	③
	EX	EXIT LIGHT FIXTURE WITH RED LETTERING, WHITE HOUSING AND 90 MINUTE BATTERY BACKUP. DUAL LITE LX SERIES	-	LED	-	-	UNV	CEILING/WALL	-
	EX	COMBO EXIT/EM LIGHT FIXTURE WITH RED LETTERING, WHITE HOUSING AND 90 MINUTE BATTERY BACKUP. DUAL LITE LT SERIES	2	LED	1	-	UNV	WALL	-
	EM	6.5"Wx4"Dx11"H LED, DIE-CAST EMERGENCY FIXTURE WITH POLYCARBONATE LENS, WET LOCATION RATED, LOW TEMP. WILLIAMS DECO SERIES BATTERY UNIT WITH 90 MINUTE BACKUP.	-	LED	-	-	UNV	WALL	-
	EM	EMERGENCY BATTERY LIGHT WITH THERMOPLASTIC ENCLOSURE. DUAL LITE LM2 SERIES BATTERY UNIT WITH 90 MINUTE BACKUP.	2	LED	3	-	UNV	WALL	-
	EM	EMERGENCY BATTERY LIGHT WITH THERMOPLASTIC ENCLOSURE, 12V NI-CAD BATTERY. DUAL LITE LM100 SERIES BATTERY UNIT WITH 90 MINUTE BACKUP.	2	HALOGEN	50	-	UNV	WALL	-

NOTES:
 ① VERIFY CEILING TYPES PRIOR TO ORDERING FIXTURES. ③ MATCH EXISTING MOUNTING HEIGHT.
 ② VERIFY EXACT MOUNTING HEIGHT WITH OWNER.

ELECTRICAL NOTES

PART 1 - GENERAL
A. REQUIREMENTS OF REGULATORY AGENCIES AND STANDARDS
 1. ALL EQUIPMENT, MATERIAL AND INSTALLATION SHALL MEET THE REQUIREMENTS OF ONE OR MORE THE FOLLOWING:
 a. NATIONAL ELECTRICAL CODE (NEC) NFPA-70 (2014)
 b. LIFE SAFETY CODE (NFPA-101)
 c. OCCUPATIONAL SAFETY AND HEALTH ACT (OSHA)
 d. INTERNATIONAL BUILDING CODE, 2012 EDITION, WITH GEORGIA AMENDMENTS (2014) (2015)
 e. NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION (NEMA)
 f. INTERNATIONAL ENERGY CONSERVATION CODE (IECC), 2009 EDITION, WITH GEORGIA SUPPLEMENTS AND AMENDMENTS (2011) (2012)
 g. AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI)
 h. INSTITUTE OF ELECTRICAL AND ELECTRONIC ENGINEERS (IEEE)
 i. ILLUMINATING ENGINEERING SOCIETY (IES)
 j. UNDERWRITERS LABORATORIES (UL)
 k. STANDARD FOR THE INSTALLATION, MAINTENANCE AND USE OF LOCAL PROTECTIVE SIGNALING SYSTEMS (NFPA-72)
 l. FEDERAL SPECIFICATION (FED. SPEC.)
 m. INSULATED POWER CABLE ENGINEERS ASSOCIATION (IPCEA)

B. SCOPE OF WORK
 1. THE CONTRACTOR SHALL VISIT THE JOB SITE PRIOR TO BID TO BECOME FAMILIAR WITH THE PROJECT AND INTENT OF THE DRAWINGS.
 2. THE CONTRACTOR SHALL OBTAIN A PERMIT FOR WORK TO BE COMPLETED AND INCLUDE COST FOR ALL PERMIT FEES, PERMITS, INSPECTIONS AND TESTING IN THE BID.
 3. THE CONTRACTOR SHALL PROVIDE ALL NEW MATERIAL IN ACCORDANCE WITH THESE DOCUMENTS AND APPLICABLE SPECIFICATIONS.
 4. THE CONTRACTOR SHALL REPORT ANY DISCREPANCIES BETWEEN THESE DOCUMENTS AND THOSE OF OTHER DISCIPLINES TO THE ARCHITECT/ENGINEER FOR WRITTEN DIRECTION/INSTRUCTIONS FOR CHANGES NECESSARY IN THE WORK.
 5. THE CONTRACTOR SHALL NOT SCALE THE ELECTRICAL DRAWINGS, REFER TO THE ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS AND ELEVATIONS.
 6. THE CONTRACTOR IS EXPECTED TO PROVIDE ALL MATERIAL NECESSARY FOR A COMPLETE OPERATING SYSTEM. IT IS NOT THE INTENT OF THESE DOCUMENTS TO SHOW EVERY MINOR DETAIL OF CONSTRUCTION.
 7. THE CONTRACTOR SHALL COORDINATE THE ELECTRICAL WORK WITH OTHER TRADES AND MAKE PROPER PROVISIONS IN RELATION TO THEIR WORK. ANY CHANGES REQUIRED DUE TO LACK OF COORDINATION, SHALL BE MADE AT THE CONTRACTORS' EXPENSE.
 8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CUTTING AND PATCHING OF THEIR WORK.
 9. THE CONTRACTOR SHALL SUBMIT EQUIPMENT DATA AND SHOP DRAWINGS IN ELECTRONIC FORMAT AND AS DIRECTED BY GENERAL CONTRACT REQUIREMENTS IN PROJECT MANUAL AS APPLICABLE. SUBMITTAL SHALL CONTAIN MATERIAL UTILIZED IN THE PROJECT FOR APPROVAL BY THE ARCHITECT/ENGINEER PRIOR TO BEGINNING ANY WORK OR ORDERING ANY MATERIAL. THE MATERIAL SHALL CONTAIN ALL ELECTRICAL EQUIPMENT INCLUDING SWITCH GEAR, PANELBOARDS, TRANSFORMERS, DISCONNECTS, SAFETY SWITCHES LIGHT FIXTURES, LIGHTING CONTROLS, WIRING DEVICES, COVER PLATES AND CONDUCTORS.
 10. THE ELECTRICAL INSTALLATION SHALL BE INSTALLED IN A NEAT AND WORKMANLIKE MANNER BY A LICENSED ELECTRICAL CONTRACTOR.
 11. THE CONTRACTOR SHALL PROVIDE INSURANCE FOR PROTECTION AGAINST PUBLIC LIABILITY AND PROPERTY DAMAGE FOR DURATION OF THE PROJECT.
 12. NO COMBUSTIBLE MATERIALS ARE ALLOWED IN RETURN AIR PLENUMS OR ABOVE CEILINGS USED AS RETURN AIR PLENUM, COORDINATE WITH MECHANICAL DRAWINGS FOR LOCATION(S).

C. TERMS
 1. "PROVIDE", AS USED IN THE DOCUMENTS AND APPLICABLE SPECIFICATIONS MEANS TO FURNISH AND INSTALL COMPLETE.
 2. "WIRING", AS USED IN THE DOCUMENTS MEANS CONDUIT AND WIRES WITHIN THE CONDUIT SYSTEM.
 3. "CONCEALED", AS USED IN THE DOCUMENTS AND APPLICABLE SPECIFICATIONS MEANS EMBEDDED IN MASONRY OR OTHER CONSTRUCTION, BEHIND WALLS, INSIDE CABINETS OR ABOVE SUSPENDED CEILING.
 4. "NEMA 1", INDICATES THE ENCLOSURE SHALL BE LISTED FOR INDOOR USE ONLY.
 5. "NEMA 3R", INDICATES THE ENCLOSURE SHALL BE LISTED FOR EXTERIOR USE.

D. WARRANTY
 1. ALL MATERIAL AND WORK PERFORMED SHALL BE GUARANTEED FOR A PERIOD OF NOT LESS THAN ONE YEAR FROM DATE OF ACCEPTANCE.
 2. ANY CORRECTIONS FOR DEFECTIVE MATERIALS AND/OR INSTALLATION SHALL BE MADE AT THE CONTRACTORS EXPENSE DURING THE WARRANTY PERIOD.

PART 2 - PRODUCTS
A. DISTRIBUTION AND BRANCH CIRCUIT PANEL BOARDS
 1. CURRENT CARRYING BUSES AND GROUND BARS SHALL BE COPPER.
 2. ALL CIRCUIT BREAKERS SHALL BE BOLT ON TYPE. WIRE ON TYPE CIRCUIT BREAKERS ARE NOT ACCEPTABLE.
 3. ALL CIRCUIT BREAKERS USED FOR MECHANICAL EQUIPMENT SHALL BE NACR TYPE.
 4. AIC RATINGS SHALL BE AS INDICATED ON THE BRANCH CIRCUIT PANEL SCHEDULES.
 5. ALL PANEL BOARDS SHALL BE LABELED WITH PLASTIC IDENTIFICATION PLATES THAT ARE ENGRAVED WITH 1/4" LETTERING.
 6. ALL PANEL BOARDS SHALL HAVE A TYPE WRITTEN SCHEDULE OR BRANCH CIRCUIT DESCRIPTIONS.

B. DISCONNECT SWITCHES AND MOTOR STARTERS
 1. SWITCHES SHALL BE RATED HEAVY DUTY TYPE.
 2. QUICK MAKE, QUICK BREAK OPERATING MECHANISM.
 3. STARTERS SHALL BE FUSIBLE TYPE; FUSIBLE WITH BIMETAL OVERLOADS IN EACH PHASE.
 4. STARTERS SHALL HAVE A "STOP-OFF-AUTO" (HOA) SWITCH.

C. CONDUCTORS
 1. MINIMUM SIZE SHALL BE #12 AWG EXCEPT FOR CONTROL/LOW VOLTAGE WIRING.
 2. INSULATION TYPE SHALL BE THHN.
 3. ALL CONDUCTORS SHALL BE COPPER.

D. WIRING DEVICES (GENERAL PURPOSE)/FACEPLATE
 1. PRINTED WALL LOCATIONS PROVIDE WHITE DEVICE WITH SMOOTH, WHITE NYLON FACEPLATE, UNLESS DIRECTED OTHERWISE.
 2. WOOD STAINED AND TILED LOCATIONS, PROVIDE BLACK DEVICE WITH BRUSHED STAINLESS STEEL FACEPLATE, UNLESS DIRECTED OTHERWISE.
 3. EXTERIOR WALL LOCATIONS, PROVIDE ARLINGTON DBHR1W-1 OUTDOOR ELECTRICAL BOX OR EQUIVALENT WITH WEATHERPROOF COVER. COORDINATE COLOR WITH WALL FINISH.

E. JUNCTION BOXES
 1. INTERIOR LOCATIONS SHALL BE PRESSED STEEL.
 2. EXTERIOR LOCATIONS SHALL BE HEAVY DUTY CAST ALUMINUM WITH THREADED HUBS.
 3. CONDUIT SHALL BE GALVANIZED STEEL.
 4. PVC SHALL BE SCHEDULE 40 WHERE NOT SUBJECT TO PHYSICAL DAMAGE.
 5. PVC SHALL BE SCHEDULE 80 WHERE EXPOSED TO PHYSICAL DAMAGE.
 6. MC CABLE IS ACCEPTABLE WITH LIGHTWEIGHT ALUMINUM INTERLOCKED ARMOR AND INTERNAL REDUNDANT GROUND.

PART 3 - EXECUTION
A. COLOR CODING FOR CONDUCTORS SHALL BE THE FOLLOWING:
 1. 208/120 VOLT, THREE PHASE, FOUR WIRE SYSTEM: A PHASE-BLACK, B PHASE-RED, C PHASE-BLUE, GROUND (NEUTRAL)-WHITE AND GROUNDING-GREEN.
 2. CONDUCTORS FOR SERVICES AND BRANCH CIRCUITS #6 AND LARGER SHALL BE IDENTIFIED CONSISTENTLY BY: COLOR CODING, MARKING TAPE OR OTHER APPROVED MEANS.

B. WIRING METHODS
 1. CONDUCTORS SHALL BE INSTALLED IN ELECTRICAL METALLIC TUBING (EMT) UNLESS NOTED OTHERWISE. CONNECTORS AND FITTINGS SHALL BE STEEL SET SCREW OR COMPRESSION TYPE.
 2. PVC, AS INDICATED IN PART 2-PRODUCTS (F) SHALL BE INSTALLED BELOW SLAB, UNDERGROUND AND EXPOSED WHERE LISTED FOR SUCH USE.
 3. MC CABLE, AS INDICATED IN PART 2-PRODUCTS (F) IS ACCEPTABLE FOR USE WITH GENERAL BRANCH CIRCUITS, RATED 20 AMPERES OR LESS, CONCEALED IN WALLS AND ABOVE SUSPENDED CEILINGS, AND AS APPROVED BY THE AUTHORITY HAVING JURISDICTION. IT IS NOT INTENDED TO USE MC CABLE EXPOSED.
 4. INSTALLATIONS WITHIN HAZARDOUS (CLASSIFIED) LOCATIONS SHALL MEET ALL REQUIREMENTS FOR THE LOCATION PER NEC 500. PENETRATIONS INTO CLASSIFIED LOCATIONS SHALL BE PROVIDED WITH SEALS AND ALL RACEWAYS WITHIN CLASSIFIED LOCATIONS SHALL BE RIGID STEEL. ALL ELECTRICAL EQUIPMENT INSTALLED IN CLASSIFIED AREAS SHALL BE LISTED FOR USE WITHIN THE LOCATION.
 5. FOR NEW LOCATIONS, ALL CONDUITS SHALL BE INSTALLED WITHIN WALL SYSTEM. NO EXPOSED VISIBLE CONDUITS SHALL BE ALLOWED. FOR CONCRETE MASONRY UNIT WALLS (CMU) THE CONDUIT SHALL BE INSTALLED WITHIN VERTICAL CELLS OF BLOCKS AND FOR PRE-ENGINEERED METAL BUILDING WALLS (PEMB) THE CONDUIT SHALL BE INSTALLED BEHIND WALL PANEL.

C. MISCELLANEOUS
 1. LAY-IN TYPE LIGHTING FIXTURES SHALL BE SECURED ON ALL FOUR SIDES TO SUSPENDED CEILING.
 2. CONDUCTORS FOR BRANCH CIRCUITS SHALL BE INCREASED FROM SIZES INDICATED IN THE PANEL SCHEDULES TO PREVENT VOLTAGE DROP EXCEEDING 3% AT THE FARTHEST DEVICE. LOADS FOR DETERMINING CONDUCTOR SIZE SHALL BE BASED ON ACTUAL CONNECTED LOAD OR 80% OF CIRCUIT BREAKER SIZE, WHICH EVER IS GREATER. CONTACT ENGINEER OF RECORD FOR ALL CIRCUIT RUNS IN EXCESS OF 100 FT. FOR CALCULATION OF WIRE SIZE. FOR BID PURPOSES, INCREASE WIRE SIZE BY ONE FOR CIRCUIT RUNS BETWEEN 100 FT. AND 200 FT. AND TWO WIRE SIZES FOR CIRCUIT RUNS GREATER THAN 200 FT.
 3. SHOP DRAWING AND SUBMITTAL REVIEW OF EQUIPMENT OR PRODUCTS OTHER THAN SPECIFIED MAY BE AT THE EXPENSE OF THE CONTRACTOR.

D. GROUNDING
 1. THE ELECTRICAL SYSTEM SHALL BE COMPLETE AND EFFECTIVELY GROUNDED AS REQUIRED PER THE LATEST EDITION OF THE NEC AND LOCAL CODES. ALL GROUNDING ELECTRODE CONDUCTORS SHALL BE COPPER.

E. COORDINATION
 1. THE CONTRACTOR SHALL COORDINATE WITH THE MECHANICAL DOCUMENTS AND MECHANICAL SUBMITTALS PRIOR TO PURCHASING ELECTRICAL EQUIPMENT. COORDINATE ALL CONTROL WIRING REQUIRED FOR ALL MECHANICAL EQUIPMENT RELATED TO THE PROJECT. PROVIDE ELECTRICAL BREAKERS, DISCONNECTS AND CONDUCTORS AS REQUIRED PER MECHANICAL SUBMITTALS AND ACTUAL EQUIPMENT NAMEPLATE RATINGS.

F. RECORD DOCUMENTS
 1. THE CONTRACTOR SHALL MAINTAIN AN ACCURATE RECORD SET OF ANY DEVIATIONS BETWEEN THE WORK AS DESIGNED ON THESE DOCUMENTS AND THAT OF WHICH IS ACTUALLY INSTALLED. THIS RECORD SET OF DRAWINGS SHALL BE KEPT WITH THE GENERAL CONTRACTOR AND REQUIRE APPROVAL FROM THE ARCHITECT/ENGINEER.

ELECTRICAL SYMBOLS	
	20 AMP DUPLEX RECEPTACLE (NEMA 5-20R) MOUNTED AT 18" A.F.F. TO CENTER LINE OF OUTLET UNLESS NOTED OTHERWISE.
	20 AMP QUADPLEX RECEPTACLE (NEMA 5-20R) MOUNTED AT 18" A.F.F. TO CENTER LINE OF OUTLET UNLESS NOTED OTHERWISE.
	20 AMP DUPLEX RECEPTACLE (NEMA 5-20R) MOUNTED ABOVE COUNTER. REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT LOCATION AND MOUNTING HEIGHT.
	20 AMP DUPLEX RECEPTACLE (NEMA 5-20R), RECESSED FLOOR MOUNT. PROVIDE BRUSHED NICKEL FINISH COVER PLATE. LEGRAND RFB2 (SQUARE) OR EVOLUTION RFB4 (ROUND) OR EQUIVALENT.
	20 AMP QUADPLEX RECEPTACLE (NEMA 5-20R), RECESSED FLOOR MOUNT. PROVIDE BRUSHED NICKEL FINISH COVER PLATE. LEGRAND RFB4 (SQUARE) OR EVOLUTION RFB4 (ROUND) OR EQUIVALENT.
	20 AMP DUPLEX RECEPTACLE (NEMA 5-20R), CEILING MOUNT.
	SPECIAL PURPOSE POWER DEVICE, COORDINATE EXACT NEMA NUMBER DEVICE WITH EQUIPMENT PLUG UNLESS NOTED OTHERWISE.
	COMMUNICATIONS OUTLET. PROVIDE 1" CONDUIT SLEEVE WITH PULL STRING, STUB INTO ACCESSIBLE CEILING SPACE. MOUNT AT 18" A.F.F. TO CENTER OF OUTLET UNLESS NOTED OTHERWISE.
	COMMUNICATIONS OUTLET. PROVIDE 1" CONDUIT SLEEVE WITH PULL STRING, STUB INTO ACCESSIBLE CEILING SPACE. MOUNTED ABOVE COUNTER TOP, REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT LOCATION.
	20 AMP DUPLEX RECEPTACLE (NEMA 5-20R) AND COMMUNICATIONS DUAL SERVICE FLOOR BOX. RECESSED FLOOR MOUNT. PROVIDE 1" CONDUIT SLEEVE WITH PULL STRING, STUB INTO ACCESSIBLE CEILING SPACE. PROVIDE BRUSHED NICKEL FINISH COVER PLATE. LEGRAND RFB2 (SQUARE) OR RFB4E (ROUND) OR EQUIVALENT.
	20 AMP QUADPLEX RECEPTACLE (NEMA 5-20R) AND COMMUNICATIONS DUAL SERVICE FLOOR BOX. RECESSED FLOOR MOUNT. PROVIDE 1" CONDUIT SLEEVE WITH PULL STRING, STUB INTO ACCESSIBLE CEILING SPACE. PROVIDE BRUSHED NICKEL FINISH COVER PLATE. LEGRAND RFB4 (SQUARE) OR RFB4E (ROUND) OR EQUIVALENT.
	RECEPTACLE AND COMMUNICATIONS OUTLET. COORDINATE MOUNTING HEIGHT OF BOX WITH ARCHITECTURAL DRAWINGS PRIOR TO ROUGH IN. PROVIDE THREE GANG, RECESSED MOUNTED STEEL BOX WITH VOLTAGE DIVIDER AND OPTIONAL COVER PLATE. ARLINGTON TVBSS07 OR EQUIVALENT.
	DEVICE MOUNTED IN CABINETRY. REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT LOCATION AND MOUNTING HEIGHT.
	GROUND FAULT CIRCUIT INTERRUPTER VIA RECEPTACLE
	GROUND FAULT CIRCUIT INTERRUPTER VIA CIRCUIT BREAKER
	RECEPTACLE WITH INTEGRATED UNIVERSAL SERIAL BUS PORT
	TELEVISION OUTLET. PROVIDE 1" CONDUIT SLEEVE WITH PULL STRING, STUB INTO ACCESSIBLE CEILING SPACE. MOUNT AT 18" A.F.F. TO CENTER LINE OF OUTLET UNLESS NOTED OTHERWISE.
	TELEVISION OUTLET, CEILING MOUNTED.
	JUNCTION BOX
	PROPOSED ROUTING OF LOW VOLTAGE WIRING FOR DIAGRAMMATIC PURPOSES ONLY.
	SINGLE POLE, 20 AMP, SWITCH. MOUNT 42" A.F.F. TO CENTERLINE OF SWITCH UNLESS NOTED OTHERWISE.
	3-WAY, 20 AMP, SWITCH. MOUNT 42" A.F.F. TO CENTERLINE OF SWITCH UNLESS NOTED OTHERWISE.
	TWO POLE, 30 AMP, SWITCH. COORDINATE EXACT LOCATION WITH EQUIPMENT PRIOR TO ROUGH IN.
	SINGLE POLE, 20 AMP, MOTION ONLY SWITCH. MOUNT 42" A.F.F. TO CENTERLINE OF SWITCH UNLESS OTHERWISE NOTED.
	SENSOR SWITCH "WSD" SERIES.
	SINGLE/DOUBLE POLE, 20 AMP MOTION/SOUND SWITCH, PASSIVE (PIR) AND ULTRASONIC (US) DUAL TECHNOLOGY. MOUNT 42" A.F.F. TO CENTERLINE OF SWITCH UNLESS NOTED OTHERWISE. SENSOR SWITCH "WSD-PDT" SERIES.
	LINE VOLTAGE, MOTION/SOUND SENSOR, PASSIVE (PIR) AND ULTRASONIC (US) DUAL TECHNOLOGY. SENSORSWITCH "CMR-PDT" SERIES.
	LOW VOLTAGE MOTION/SOUND SENSOR, PASSIVE (PIR) AND ULTRASONIC (US) DUAL TECHNOLOGY. SENSORSWITCH "CM-PDT" SERIES.
	SELF CONTAINED, PLENUM RATED, DUAL CIRCUIT POWER PACK WITH 20 AMP RATING. SENSORSWITCH "PP" SERIES.
	ELECTRICAL PANELBOARD
	FUSIBLE DISCONNECT SWITCH A = POLES, B= FRAME SIZE, C= FUSE RATING
	GROUNDING ELECTRODE AND CONDUCTOR SYSTEM
	TELEPHONE WOOD BACKBOARD
	EXHAUST FAN. REFER TO MECHANICAL DRAWINGS FOR SPECIFICATIONS.
	THERMOSTAT LOCATION. REFER TO MECHANICAL DRAWINGS FOR MOUNTING HEIGHT AND SPECIFICATIONS. PROVIDE JUNCTION BOX IN WALL BEHIND THERMOSTAT WITH 1" CONDUIT SLEEVE WITH PULL STRING, STUB INTO ACCESSIBLE CEILING SPACE. CONDUIT AND BOXES SHALL BE CONCEALED / RECESSED IN CONCRETE BLOCK (CMU) WALLS.
	EXISTING
	WEATHERPROOF
	NIGHT LIGHT FIXTURE, WIRE FIXTURE AHEAD OF LOCAL SWITCHING, CONTACTORS AND RELAYS
	USED FOR CLARITY PURPOSES AS FOLLOWS: - TO CONNECT GROUPS OF MULTIPLE DEVICES/LIGHT FIXTURES IN DIFFERENT LOCATIONS TOGETHER ON THE SAME BRANCH CIRCUIT AS INDICATED. - TO INDICATE BRANCH CIRCUIT USED IN DIFFERENT LOCATIONS, FOLLOW KEYNOTES AS INDICATED.
GENERAL FLOOR BOX NOTE: REFER TO ARCHITECTURAL PLANS FOR DIMENSIONS AND FINAL LOCATIONS PRIOR TO ROUGH IN	

ELECTRICAL SHEET INDEX	
SHEET#	DESCRIPTION
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E2.1	LIGHTING PLAN
E3.1	POWER PLAN
E5.1	ELECTRICAL RISER AND PANEL SCHEDULES

Order Plans @ W...@...

Project Title:
 ADDITION TO CANVAS CHURCH
 3560 BROWN'S BRIDGE ROAD
 CUMMING, GA 30028

Drawing Title:
 ELECTRICAL NOTES

Not Released for Construction Date: 03APR17

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Revisions	DESCRIPTION

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