

ELECTRICAL GENERAL NOTES

- CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL INSTALLATION WITH THE WORK OF OTHER TRADES. FIELD MODIFICATIONS NEEDED DUE TO OBSTRUCTIONS OR INTERFERENCES SHALL BE PROVIDED AT NO ADDITIONAL COST.
- ALL WORK SHALL BE PERFORMED IN A NEAT AND WORKMANLIKE MANNER WITHIN STANDARD OF CARE FOR PROFESSION. ALL LABOR, MATERIAL, TOOLS, PERMITS, INSPECTIONS, TESTING, CERTIFICATION, ETC. REQUIRED FOR A COMPLETE AND SATISFACTORY INSTALLATION TO DESIGN INTENT SHALL BE FURNISHED BY CONTRACTOR. PROVIDE AT NO ADDITIONAL COST, INCLUDING INCIDENTAL TRIPS NOT SHOWN WHEN REQUIRED FOR TYPICAL COMPLETION OF WORK.
- DRAWINGS NOT BEARING THE STAMP OR SEAL AND SIGNATURE OF A REGISTERED PROFESSIONAL ENGINEER SHALL NOT BE USED FOR BIDDING OR CONSTRUCTION PURPOSES UNLESS EXPRESSLY APPROVED IN WRITING BY THE ARCHITECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ALL DRAWINGS AND SPECIFICATIONS BEING USED FOR BIDDING AND CONSTRUCTION PURPOSES ARE OF THE LATEST REVISION AVAILABLE AND ALL ADDENDUM DOCUMENTS HAVE BEEN INCORPORATED EITHER BY REVISION RELEASE OF DRAWINGS/SPECIFICATIONS OR ATTACHMENT OF SKETCHES OR OTHER ADDENDUM INFORMATION.
- THE CONTRACTOR SHALL FURNISH AND INSTALL NEW PRODUCTS OF ESTABLISHED AND REPUTABLE MANUFACTURERS. NO EQUIPMENT SUBSTITUTIONS SHALL BE MADE THAT WOULD LEAVE INADEQUATE OPERATING OR SERVICE SPACE. EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS RECOMMENDED INSTALLATION PROCEDURES AND IN AN ARRANGEMENT THAT WILL GIVE THE GREATEST PRACTICAL EASE OF OPERATION AND SERVICE TO THE OWNER.
- ALL EQUIPMENT WHICH IS INDICATED TO BE FURNISHED AND/OR INSTALLED BY OTHERS OR BY OWNER IS INCLUDED FOR REFERENCE ONLY UNLESS NOTED OTHERWISE. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING AND VERIFYING INSTALLATION REQUIREMENTS OF THIS EQUIPMENT WITH THE APPLICABLE SUPPLIER OR THE OWNER. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
- ALL WORK SHALL BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF ALL APPLICABLE CODES AND REGULATIONS INCLUDING BUT NOT LIMITED TO NATIONAL, CITY, STATE, LOCAL ORDINANCES, AND UTILITY COMPANY REGULATIONS. ALL ELECTRICAL MATERIALS, INSTALLATION PROCEDURES, AND SYSTEM LAYOUTS SHALL BE APPROVED BY ALL APPLICABLE AUTHORITIES HAVING JURISDICTION. THE CONTRACTOR SHALL PROVIDE ALL MATERIALS AND LABOR NECESSARY TO COMPLY WITH THESE RULES, REGULATIONS, AND ORDINANCES. THESE CODES REPRESENT THE MINIMUM ACCEPTABLE REQUIREMENTS. THEREFORE, WHERE DRAWINGS AND/OR SPECIFICATIONS INDICATE MATERIALS OR CONSTRUCTION MORE STRINGENT THAN CODE REQUIREMENTS, THE DRAWINGS AND/OR SPECIFICATIONS SHALL GOVERN.
- IF COMPLIANCE WITH STANDARDS, CODES, REGULATIONS AND CONTRACT DOCUMENTS ESTABLISH DIFFERENT OR CONFLICTING REQUIREMENTS FOR MINIMUM QUANTITIES OR QUALITY LEVELS, REFER CONFLICTING REQUIREMENTS TO ENGINEER FOR A DECISION BEFORE PROCEEDING.
- WHERE CONTRACT DOCUMENTS NAME A SINGLE MANUFACTURER AND PRODUCT, PROVIDE THE NAMED PRODUCT THAT COMPLIES WITH REQUIREMENTS. COMPARABLE PRODUCTS OR SUBSTITUTIONS FOR CONTRACTORS CONVENIENCE WILL BE CONSIDERED.
- THE PROJECT CLOSEOUT SUBMITTALS SHALL INCLUDE, BUT NOT LIMITED TO, OPERATION AND MAINTENANCE MANUALS AND RECORD DRAWINGS.
- THE CONTRACTOR SHALL VISIT THE SITE OF THE BUILDING BEFORE SUBMITTING A PROPOSAL. ON THIS WORK AND SHALL THOROUGHLY FAMILIARIZE THEMSELVES WITH THE EXISTING CONDITIONS AND OPERATIONS. FAILURE ON THEIR PART TO DO THIS WILL NOT BE CAUSE OF EXTENSION AFTER THE CONTRACT IS SIGNED, BY REASON OF UNFORESEEN CONDITIONS.
- NO PERSON SHALL PERFORM ELECTRICAL WORK ON THE CONTRACT WITHOUT POSSESSING A MASTERS OR JOURNEYMAN'S LICENSE FROM THE STATE ELECTRICAL EXAMINERS BOARD. ALL ELECTRICAL WORK AND APPRENTICE ELECTRICIANS SHALL BE SUPERVISED BY A MASTER ELECTRICIAN ON A ONE TO ONE RATIO.
- PREPARE AND SUBMIT SUBMITTALS TO ARCHITECT.
- ALL AREAS USED AS RETURN AIR PLENUMS SHALL BE CONSTRUCTED WITH FIRE RESISTANT MATERIALS AND SHALL ONLY CONTAIN MATERIALS WHICH HAVE SMOKE DEVELOPED RATINGS NOT GREATER THAN 50 AND FLAME SPREAD RATINGS NOT GREATER THAN 25.
- ALL ELECTRICAL EQUIPMENT, SUCH AS SWITCHES, CIRCUIT BREAKERS, ETC. SHALL BE TESTED BY OPERATING THE DEVICE TO VERIFY THAT THE MECHANICAL PORTIONS OF THE DEVICE ARE FUNCTIONING.
- THE CONTRACTOR SHALL ASSIST ALL OTHER TRADES IN PERFORMING ROTATIONAL TESTS ON ALL MOTORS PROVIDED UNDER THIS CONTRACT.
- ALL EXPOSED CONDUIT SHALL BE GALVANIZED RIGID STEEL, SIZED AS SCHEDULED.
- WIRE SIZE PER CODE UNLESS NOTED ELSEWHERE:

WIRE SIZE	120V	277V
A. #12	LESS THAN 75 FEET	LESS THAN 150 FEET
B. #10	BETWEEN 75-150 FEET	BETWEEN 150-300 FEET
C. #8	BETWEEN 150-250 FEET	BETWEEN 300-450 FEET
D. #6	BETWEEN 250-375 FEET	BETWEEN 450-700 FEET

LEGEND

	WALL MOUNT STRIP LIGHT.		DATA. REQUIRES 4-11/16" SQUARE OUTLET BOX, APPROPRIATE PLASTER RING, AND 1" C. STUBBED TO AN ACCESSIBLE LOCATION ABOVE A REMOVABLE CEILING TILE. MINIMUM OF TWO DATA CABLES AT EACH LOCATION SHOWN UNLESS OTHERWISE NOTED. MOUNT 18" AFF UNLESS OTHERWISE NOTED. NUMBER INDICATES QUANTITY OF DATA JACKS.		WALL MOUNT FIRE ALARM VISUAL STROBE. NUMBER DENOTES CANDELA RATING. MOUNT 8" AFF UNLESS OTHERWISE NOTED.
	WALL MOUNT STRIP LIGHT ON EMERGENCY.		TELEVISION CABLE OUTLET. VERIFY EXACT LOCATION AND MOUNTING HEIGHT WITH THE OWNER PRIOR TO ROUGH-IN. REQUIRES RECEPTACLE, ONE RG6 COAXIAL CABLE AND 2 CATEGORY 5E NETWORK CABLES IN SEPARATE 1" CONDUIT TO DATA ROOM. PROVIDE 3 GANG BACK BOX ARLINGTON #V5557.		WALL MOUNT FIRE ALARM HORN / VISUAL STROBE. NUMBER DENOTES CANDELA RATING. MOUNT 8" AFF UNLESS OTHERWISE NOTED.
	WALL PACK LIGHT ROUND FIXTURE.		COMBO POWER DATA SQUARE BOX MOUNTED FLUSH IN FLOOR. VERIFY REQUIREMENTS AND EXACT LOCATION WITH OWNERS REPRESENTATIVE PRIOR TO ROUGH-IN. NUMBER INDICATES QUANTITY OF DATA JACKS.		WALL MOUNT FIRE ALARM STROBE-WR DENOTES WEATHER RESISTANT. REQUIRES 4" SQUARE BOX WITH 3/4" CONDUIT STUBBED ABOVE ACCESSIBLE CEILING. NUMBER DENOTES CANDELA RATING.
	WALL PACK LIGHT ROUND FIXTURE ON EMERGENCY.		COMBO POWER DATA POKE THRU DEVICE MOUNTED FLUSH IN FLOOR. VERIFY REQUIREMENTS AND EXACT LOCATION WITH OWNERS REPRESENTATIVE PRIOR TO ROUGH-IN. NUMBER INDICATES QUANTITY OF DATA JACKS.		WALL MOUNT FIRE ALARM SPEAKER STROBE-WR DENOTES WEATHER RESISTANT. REQUIRES 4" SQUARE BOX WITH 3/4" CONDUIT STUBBED ABOVE ACCESSIBLE CEILING. NUMBER DENOTES CANDELA RATING.
	WALL PACK LIGHT SQUARE FIXTURE.		DUPLEX RECEPTACLE. MOUNT 18" AFF UNLESS OTHERWISE NOTED.		CEILING FIRE ALARM HORN/STROBE-WR DENOTES WEATHER RESISTANT. REQUIRES 4" SQUARE BOX WITH 3/4" CONDUIT STUBBED ABOVE ACCESSIBLE CEILING. NUMBER DENOTES CANDELA RATING.
	WALL PACK LIGHT SQUARE FIXTURE ON EMERGENCY.		DUPLEX RECEPTACLE MOUNTED ABOVE COUNTER.		CEILING FIRE ALARM SPEAKER/STROBE-WR DENOTES WEATHER RESISTANT. REQUIRES 4" SQUARE BOX WITH 3/4" CONDUIT STUBBED ABOVE ACCESSIBLE CEILING. NUMBER DENOTES CANDELA RATING. LETTER DENOTES VOICE (S) OR HORN (H).
	WALL PACK LIGHT ROUND FIXTURE.		DUPLEX RECEPTACLE MOUNTED ABOVE COUNTER.		CEILING FIRE ALARM VISUAL STROBE-WR DENOTES WEATHER RESISTANT. REQUIRES 4" SQUARE BOX WITH 3/4" CONDUIT STUBBED ABOVE ACCESSIBLE CEILING. NUMBER DENOTES CANDELA RATING.
	WALL PACK LIGHT ROUND FIXTURE ON EMERGENCY.		SPECIAL RECEPTACLE AS NOTED ON THE PLANS.		MANUAL PULL STATION MOUNTED MINIMUM OF 42" MAXIMUM OF 48" A.F.F.
	RECESSED ROUND DOWN LIGHT.		STACKED RECEPTABLE. ONE MOUNTED LOW AND ONE MOUNTED HIGH.		CEILING MOUNTED PHOTOELECTRIC SMOKE DETECTOR.
	RECESSED ROUND DOWN LIGHT ON EMERGENCY.		DUPLEX RECEPTACLE - IN FLUSH MOUNTED THRU FLOOR FITTING.		CEILING MOUNTED HEAT DETECTOR.
	RECESSED SQUARE DOWN LIGHT.		DUPLEX RECEPTACLE - IN FLUSH MOUNTED THRU FLOOR FITTING.		SPRINKLER SYSTEM FLOW AND TAMPER SWITCHES.
	RECESSED SQUARE DOWN LIGHT ON EMERGENCY.		DUPLEX RECEPTACLE-CENTERED IN THE ROOM. MOUNTED IN CEILING GRID. VERIFY EXACT LOCATION WITH ARCHITECT PRIOR TO ROUGH-IN.		FIRE ALARM CONTROL PANEL MOUNTED 50" A.F.F.
	2X4 LED TROFFER.		DUPLEX RECEPTACLE-CENTERED IN THE ROOM. MOUNTED IN CEILING GRID. VERIFY EXACT LOCATION WITH ARCHITECT PRIOR TO ROUGH-IN.		FIRE ALARM ANNUNCIATOR PANEL MOUNTED 52" A.F.F.
	2X4 LED TROFFER ON EMERGENCY.		TELEPHONE TERMINAL BOARD.		FUSED/NON-FUSED DISCONNECT-FUSE ALL EQUIPMENT PER MANUFACTURER RECOMMENDATION FOR THE ACTUAL EQUIPMENT FURNISHED. FURNISH NEMA-4X IN THE KITCHEN. MOUNT DISCONNECT FOR HVAC CONDENSER UNITS WITH TOP OF SWITCH AT 30" A.F.F.
	1X4 LED TROFFER.		NEW WIRE & ONE LINE CONDUIT ABOVE GRADE.		MOTOR - VERIFY THE SIZE WITH ACTUAL EQUIPMENT FURNISHED. NUMBER REPRESENTS HORSE POWER RATING.
	1X4 LED TROFFER ON EMERGENCY.		NEW WIRE & ONE LINE CONDUIT BELOW GRADE.		TIME CLOCK OR LIGHTING CONTACTOR. INTERMATIC RETRO15C FOR LIGHTING CONTROL APPLICATIONS. INTERMATIC #F2000 FOR CIRCULATION PUMPS. LIGHTING CONTACTOR. SQUARE D #8903.
	2X2 LED TROFFER.		NEW CONDUIT ABOVE GRADE (TWO LINE).		WIRELESS INTERNET EQUIPMENT FURNISHED AND INSTALLED BY THE OWNER. FURNISH AND INSTALL TWO DATA CABLES.
	2X2 LED TROFFER ON EMERGENCY.		NEW CONDUIT BELOW GRADE (TWO LINE).		JUNCTION BOX. VERIFY MOUNTING HEIGHT WITH MILLWORK DETAILS AND/OR THE OWNERS REPRESENTATIVE. AT EQUIPMENT LOCATIONS VERIFY THE EXACT LOCATION WITH THE EQUIPMENT INSTALLER PRIOR TO ROUGH-IN.
	4 LED STRIP.		EXISTING WIRE & ONE LINE CONDUIT ABOVE GRADE.		CEILING FAN 5 BLADES WITH LIGHT FIXTURE. REFER TO LIGHTING FIXTURE SCHEDULE.
	4 LED STRIP ON EMERGENCY.		EXISTING WIRE & ONE LINE CONDUIT BELOW GRADE.		CEILING FAN 4 BLADES WITH LIGHT FIXTURE. REFER TO LIGHTING FIXTURE SCHEDULE.
	WALL LIGHT RECTANGLE.		EXISTING CONDUIT ABOVE GRADE (TWO LINE).		CEILING FAN 5 BLADES NO LIGHT FIXTURE. REFER TO LIGHTING FIXTURE SCHEDULE.
	WALL LIGHT RECTANGLE ON EMERGENCY.		EXISTING CONDUIT BELOW GRADE (TWO LINE).		CEILING FAN 4 BLADES NO LIGHT FIXTURE. REFER TO LIGHTING FIXTURE SCHEDULE.
	WALL MOUNTED PROCELAIN LIGHT.		SUBSCRIPTS C = MOUNT ABOVE COUNTER. COORDINATE LOCATION WITH MILLWORK. MOUNTING HEIGHTS VARY. REFER TO THE ARCHITECTURAL MILLWORK DRAWINGS. W = WALL MOUNTED @ 48" A.F.F. OR AS SHOWN. GF = GROUND FAULT CIRCUIT INTERRUPTER. WP = WEATHER RESISTANT RECEPTABLES ARE "GF", WITH METAL WEATHER RESISTANT "WIND-IN-USE" COVERS. GD = GARBAGE DISPOSER. EM = FIXTURE CONTAINS EMERGENCY BATTERY PACK. NL = UNSWITCHED EMERGENCY FIXTURE. H = MOUNT HORIZONTALLY IN MILLWORK. EC = ELECTRICAL CONTRACTOR. AFF = ABOVE FINISHED FLOOR. AFO = ABOVE FINISHED GRADE. EWC = ELECTRIC WATER COOLER. EWH = ELECTRIC WATER HEATER. GWH = GAS WATER HEATER. NTS = NOT TO SCALE. FNVR = FULL VOLTAGE NONREVERSING STARTER. ER = EXISTING TO REMAIN. ERX = EXISTING TO BE REMOVED AND RELOCATED. RE = REMOVE EXISTING.		CAMERA - DOME STYLE IN CEILING.
	WALL MOUNTED PROCELAIN LIGHT ON EMERGENCY.		CEILING MOUNTED PROCELAIN LIGHT.		CAMERA - WALL MOUNTED.
	CEILING MOUNTED PROCELAIN LIGHT.		EMERGENCY LIGHT.		
	CEILING MOUNTED PROCELAIN LIGHT ON EMERGENCY.		EMERGENCY LIGHT ON EMERGENCY.		
	PENDANT LIGHT.		PENDANT LIGHT.		
	PENDANT LIGHT ON EMERGENCY.		PENDANT LIGHT ON EMERGENCY.		
	TRACK LIGHTING.		TRACK LIGHTING.		
	TRACK LIGHTING ON EMERGENCY.		TRACK LIGHTING ON EMERGENCY.		
	VANITY LIGHT RECTANGULAR.		VANITY LIGHT RECTANGULAR.		
	VANITY LIGHT RECTANGULAR ON EMERGENCY.		VANITY LIGHT RECTANGULAR ON EMERGENCY.		
	VANITY LIGHT ROUND.		VANITY LIGHT ROUND.		
	VANITY LIGHT ROUND ON EMERGENCY.		VANITY LIGHT ROUND ON EMERGENCY.		
SWITCHES					
	HARD WIRED		LOW VOLTAGE		WIRELESS
	S		SL		SW
	SD		SLD		SWD
	S3		SL3		SW3
	S4		SL4		SW4
	S0		SLO		SWO
	S00		SLO0		SWO0
	ST		SLT		SWT
	SM				
	PE				
	OS				



600 Main Street, Suite 300
North Little Rock, AR 72114
Phone: 501-758-7443
Fax: 501-753-7309
www.taggartch.com



NORTH LITTLE ROCK

NORTH LITTLE ROCK
COMMUNITY
CENTER
RENOVATIONS

PROJECT NAME _____

SEAL _____

REVISIONS

NO.	DESCRIPTION	DATE

ELECTRICAL GENERAL
NOTES AND LEGEND

SHEET NAME _____
DATE 5/05/2024

PROJECT NUMBER 161423

SHEET NUMBER E001

