GENERAL NOTES:

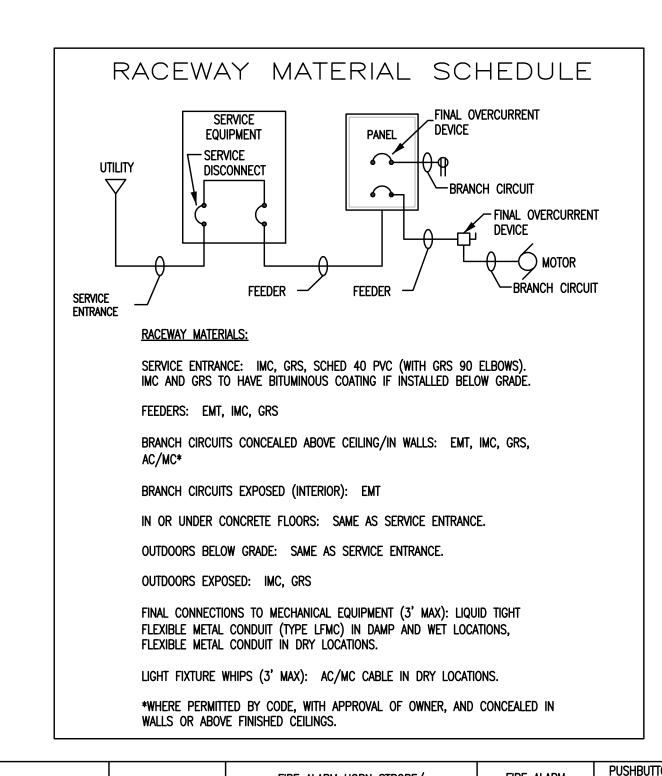
- DO NOT SCALE DRAWINGS. LOCATE OUTLETS, EQUIPMENT AND OTHER ELECTRICAL DEVICES AS INDICATED AND COORDINATE WITH OTHER TRADES TO AVOID CONFLICTS. COORDINATE EXACT LIGHTING FIXTURE LOCATIONS WITH
- ARCHITECTURAL REFLECTED CEILING PLAN. MINIMUM SIZE CONDUCTOR FOR POWER SHALL BE #12 AWG. PROVIDE DEDICATED NEUTRAL FOR EACH MULTI-WIRE
- 3. ALL FUSES SHALL BE DUAL-ELEMENT TYPE, "FUSETRON" BY BUSSMAN, "ECON" BY ECONOMY, OR FERRAZ
- BRANCH CIRCUITS TO BE 2#12, 12G, 3/4°C MINIMUM. 20A 120V CIRCUITS LONGER THAN 75' TO BE 2#10, #10G, 3/4"C MINIMUM FOR VOLTAGE DROP. 20A, 120V CIRCUITS LONGER THAN 150' TO BE 2#8, #8G, 3/4"C MINIMUM FOR VOLTAGE DROP. UNLESS OTHERWISE NOTED IN PANELBOARD SCHEDULES OR ON DRAWINGS.
- 5. ALL BRANCH CIRCUIT LOADS SHALL BE BALANCED ACROSS PANELBOARD BUSSES TO OBTAIN MINIMUM NEUTRAL
- 6. ALL FLEXIBLE CONDUIT SHALL CONTAIN A GREEN WIRE BONDED TO RIGID RACEWAY, BOX OR FIXTURE AT EACH END OF FLEX. SIZE GROUND PER NEC TABLE 250-122.
- PROVIDE PULL STRING IN ALL EMPTY RACEWAYS.

BRANCH CIRCUIT IN COMPLIANCE WITH NEC.

- COORDINATE WITH OTHER TRADES TO CONCEAL ELECTRICAL WORK AND PROVIDE OUTLETS IN CORRECT LOCATIONS.
- DO NOT FLUSH MOUNT JUNCTION BOXES BACK TO BACK, STAGGER TO REDUCE SOUND TRANSMISSION BETWEEN
- 10. CONCEAL OUTLETS FOR ALL EQUIPMENT IN FINISHED AREAS. OBTAIN ROUGH—IN DIAGRAMS FOR ALL EQUIPMENT AND INSTALL ELECTRICAL WORK ACCORDING TO DIAGRAMS.
- 11. MOUNT BRACKET TYPE LIGHTING FIXTURES AT HEIGHTS SHOWN OR SCHEDULED ON DRAWINGS OR AS DIRECTED ON JOB BY ARCHITECT UNLESS NOTED OTHERWISE.
- 12. SEAL ALL PENETRATIONS TO RATED WALLS, CEILINGS AND FLOORS WITH UL LISTED FIREPROOFING SYSTEM. THIS IS TO INCLUDE BUT IS IN NO WAY LIMITED TO CONDUCTOR, RACEWAY AND DEVICE PENETRATIONS. SUBMIT SYSTEM AND INSTALLATION DETAILS AS PART OF SHOP DRAWING SUBMITTAL.
- 13. WHERE NOT INDICATED OTHERWISE, EQUIPMENT GROUNDING CONDUCTORS SHALL BE SIZED PER NEC TABLE
- 14. ALL METAL CONDUITS 1" AND LARGER SHALL HAVE A GROUNDING BUSHING BONDING CONDUIT TO ENCLOSURE.
- 15. REMOVE DRYWALL DUST AND MUD FROM THE INTERIOR OF BOXES BEFORE INSTALLING DEVICES.
- 16. AT SUBSTANTIAL COMPLETION CLEAN ALL LIGHT FIXTURES AND CLEAN ALL DEVICES IN THE CONSTRUCTION AREAS. REPLACE DAMAGED DEVICES AND DEVICE PLATES AS NEEDED.
- 17. VERIFY ALL MECHANICAL EQUIPMENT LOCATIONS AND ELECTRICAL REQUIREMENTS WITH MECHANICAL PLANS. IF MECHANICAL EQUIPMENT BEING PROVIDED DOES NOT MATCH DESIGN NOTIFY ENGINEER IMMEDIATELY.
- 18. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR COORDINATING WORK WITH POWER, TELEPHONE AND CATV UTILITIES. ELECTRICAL CONTRACTOR TO PROVIDE ALL MATERIALS AND WORK FOR AS REQUIRED BY EACH UTILITY FOR A COMPLETE AND OPERABLE SYSTEM. PROVIDE RACEWAY(S) TO UTILITY CONNECTION POINT.
- 19. CONCEAL ALL CONDUIT AND RACEWAY. IF CONDITIONS REQUIRE CONDUIT OR RACEWAY TO BE RUN EXPOSED
- COORDINATE ROUTING WITH ARCHITECT AND PAINT AS REQUIRED BY ARCHITECT. 20. ELECTRICAL WORK SHALL COMPLY WITH ALL NATIONAL, STATE AND LOCAL CODES, REQUIREMENTS AND ORDINANCES.
- 21. ELECTRICAL WORK SHALL COMPLY WITH LATEST NECA 1 STANDARDS FOR GOOD WORKMANSHIP IN ELECTRICAL CONSTRUCTION.
- 22. ALL BACKBOXES SHALL BE MINIMUM 4" SQUARE.
- 23. ALL EMT FITTINGS SHALL BE STEEL COMPRESSION TYPE WITH INSULATED THROAT.
- 24. COORDINATE WITH GENERAL CONTRACTOR TO PROVIDE BLOCKING AT ALL WALL MOUNTED DEVICES (TELEVISIONS,
- PROVIDE PLASTIC ENGRAVED NAMEPLATES ON ALL ELECTRICAL DISTRIBUTION EQUIPMENT INCLUDING SWITCHBOARDS. PANELBOARDS, TRANSFER SWITCHES AND DISCONNECT SWITCHES, SWITCHBOARDS AND PANELBOARDS SHALL INDICATE NAME. SOURCE OF SUPPLY AND VOLTAGE. TRANSFER SWITCHES SHALL INDICATE NAME, SOURCE OF NORMAL AND EMERGENCY SUPPLY AND RATING. DISCONNECT SWITCHES SHALL INDICATE NAME OF EQUIPMENT BEING FED AND SOURCE CIRCUIT. ALL NAMEPLATES ON NORMAL POWER EQUIPMENT SHALL BE BLACK WITH WHITE LETTERING; ON GENERATOR FED EQUIPMENT, RED WITH WHITE LETTERING.
- 26. PROVIDE TYPEWRITTEN LABELS INDICATING SOURCE PANEL NAME AND CIRCUIT NUMBER FOR ALL 120V AND GREATER DEVICES INCLUDING ALL LIGHT SWITCHES AND RECEPTACLES. LABELS SHALL BE THERMAL TRANSFER TYPE, 3/8" WITH 1/4" LETTERING. WHITE BACKGROUND FOR BLACK DEVICES, CLEAR BACKGROUND OTHERWISE.
- PROVIDE ALL EQUIPMENT WITH 75°C OR 90°C TERMINATIONS, ALL WIRE SIZING INDICATED ON PLANS IS BASED ON 75°C TERMINATIONS. WHERE EQUIPMENT IS PROVIDED BY OTHERS AND IS NOT SPECIFICALLY LISTED AND MARKED WITH 75°C TERMINATIONS INCREASE CONDUCTOR SIZE BASED ON NEC TABLE 310.15(B)(16) 60°C COLUMN FOR CIRCUITS 100 AMPERES AND LESS IN SIZE.

	ELECTRICAL SYMBOL SCHEDULE - GENERAL
GENERAL	
PP1-2,4	BRANCH CIRCUIT RACEWAY. RUN CONCEALED IN CEILING OR WALLS. ARROWHEAD DENOTES HOMERUN TO PANEL. TEXT DENOTES PANEL NAME AND CIRCUIT NUMBERS FOR HOMERUN. INSTALL GROUND WIRE IN ALL RACEWAYS. #12 AWG MINIMUM AND AS PER CODE.
PP1-2,4	BRANCH CIRCUIT RACEWAY. RUN IN OR UNDER SLAB OR FLOOR. ARROWHEAD DENOTES HOMERUN TO PANEL. TEXT DENOTES PANEL NAME AND CIRCUIT NUMBERS FOR HOMERUN. INSTALL GROUND WIRE IN ALL RACEWAYS. #12 AWG MINIMUM AND AS PER CODE.
TCB*	PLYWOOD TELECOM BACKBOARD. SEE DETAIL.
PP1	ELECTRICAL DISTRIBUTION OR BRANCH CIRCUIT PANELBOARD. TEXT DENOTES NAME, REFER TO DRAWINGS FOR LOCATION. SEE POWER RISER DIAGRAM AND PANEL SCHEDULES. SURFACE OR FLUSH MOUNTED AS INDICATED ON PANEL SCHEDULE.
СР	SIGNAL SYSTEM OR OTHER ELECTRICAL CONTROL OR COMMUNICATIONS CABINET. REFER TO DRAWINGS AND SPECIFICATIONS FOR DETAILS.
	JUNCTION BOX, FLUSH WALL MOUNTED IN FINISHED WALLS, SURFACE MOUNTED WHERE INDICATED ON DRAWINGS. MINIMUM 4" SQUARE WITH APPROPRIATE REDUCING RING FOR DEVICE BEING INSTALLED. REFER TO TYPICAL MOUNTING HEIGHTS DETAIL WHERE MOUNTING HEIGHT IS NOT INDICATED ON DRAWINGS. SIZE PER NEC.
0	JUNCTION BOX, CEILING MOUNTED. SIZE PER NEC.

E	LECTRICAL SYMBOL SCHEDULE - FIRE ALARM & SECURITY
FIRE ALARM	
F	FIRE ALARM PULL STATION. SEE SPECIFICATIONS.
∇15	FIRE ALARM HORN/STROBE. NUMBER INDICATES CANDELA RATING. SEE SPECIFICATIONS.
015	FIRE ALARM STROBE ONLY. NUMBER INDICATES CANDELA RATING. SEE SPECIFICATIONS.
(SD)	CEILING MOUNTED SMOKE DETECTOR. SEE SPECIFICATIONS.
(m)——	DUCT SMOKE DETECTOR WITH SAMPLING TUBE. PROVIDED AND WIRED BY FIRE ALARM CONTRACTOR. INSTALLED BY MECHANICAL CONTRACTOR. INSTALLED ON RETURN OR RETURN AND SUPPLY AS REQUIRED, SEE DIV 23 DRAWINGS AND COORDINATE. "WP" DENOTES WEATHERPROOF HOUSING FOR OUTDOOR UNITS.
[FAA]	FIRE ALARM REMOTE ANNUNCIATOR PANEL. SEE SPECIFICATIONS.
FACP	MAIN FIRE ALARM CONTROL PANEL. SEE RISER DIAGRAM AND SPECIFICATIONS.
Obr	ACCESS CONTROL SECURED DOOR. COORDINATE WITH ARCHITECTURAL DRAWINGS AND DOOR HARDWARE VENDOR AND PROVIDE RACEWAY AND WIRING AS REQUIRED FOR ELECTRIC STRIKE OR MAG LOCK. INTERCONNECT WITH FIRE ALARM SYSTEM FOR AUTOMATIC RELEASE DURING GENERAL ALARM. WHERE 120V IS REQUIRED FOR POWER SUPPLY AT DOOR LOCATION, CONNECT TO NEAREST 120V NORMAL POWER CONVENIENCE RECEPTACLE CIRCUIT. SEE TYPICAL DOOR ACCESS CONTROL DETAIL.
CR	ACCESS CONTROL SECURED DOOR CARD READER. COORDINATE WITH ARCHITECTURAL DRAWINGS AND OWNER, PROVIDE RACEWAY AS REQUIRED FOR CARD READER. SEE TYPICAL DOOR ACCESS CONTROL DETAIL.



0/0	CEILING MOUNTED LIGHT FIXTURE. REFER TO LIGHT FIXTURE SCHEDULE FOR TYPE AND MOUNTING. SEE RECESSED LAY-IN FIXTURE DETAIL FOR LAY-IN FIXTURES MOUNTED IN CEILING GRID.
△/Ŷ/〒	WALL MOUNTED LIGHT FIXTURE. REFER TO LIGHT FIXTURE SCHEDULE FOR TYPE. MOUNTING HEIGHTS AS INDICATED ON DRAWINGS OR IN LIGHT FIXTURE SCHEDULE OR AS DIRECTED BY OWNER.
0	CEILING MOUNTED LIGHT FIXTURE. REFER TO LIGHT FIXTURE SCHEDULE FOR TYPE AND MOUNTING. PROVIDE MOUNTING HARDWARE APPROPRIATE FOR TYPE OF CEILING WHERE FIXTURE IS INSTALLED. SEE ARCHITECTURAL REFLECTED CEILING PLAN.
♦/ ⊕	PENDANT MOUNTED LIGHT FIXTURE. SECURE TO STRUCTURE WITH APPROPRIATE MOUNTING HARDWARE. REFER TO LIGHT FIXTURE SCHEDULE FOR TYPE. SUSPENSION TYPE AND LENGTH AS INDICATED ON DRAWINGS OR IN LIGHT FIXTURE SCHEDULE OR AS DIRECTED BY ARCHITECT.
	STRIP LIGHT FIXTURE, REFER TO LIGHT FIXTURE SCHEDULE FOR TYPE AND MOUNTING.
₹	EXISTING CEILING MOUNTED SPOT LIGHT LIGHT FIXTURE.
$\Diamond \triangleright$	EXISTING WALL MOUNTED SPOT LIGHT LIGHT FIXTURE.
	EXISTING CEILING FAN.
⊗/\$	LED EXIT SIGN, WALL OR CEILING MOUNTED, STEM DENOTES WALL MOUNTED. SINGLE FACE FOR WALL MOUNTED, FACES AS INDICATED BY DARKENED AREAS FOR CEILING MOUNTED. ARROWS DENOTE CHEVRONS INDICATING DIRECTION OF EXIT AS INDICATED ON DRAWINGS. REFER TO LIGHT FIXTURE SCHEDULE FOR TYPE.
	LED EMERGENCY LIGHTING UNIT. HE WILLIAMS #EMER/LED-WHT-SDT-D. MOUNT AT 7'6"AFF UNLESS OTHERWISE NOTED.
LIGHT FIXTURE TY	PICAL NOTATIONS
Α	DENOTES LIGHT FIXTURE OR LUMINAIRE TYPE. SEE LIGHT FIXTURE SCHEDULE (FIXTURE TYPE A IN THIS EXAMPLE).
P-11	PANELBOARD AND CIRCUIT NUMBER (PANELBOARD P, CIRCUIT 11 IN THIS EXAMPLE). SEE PANEL SCHEDULES.
P-11a	DENOTES LIGHT FIXTURE OR LUMINAIRE CONTROLLED BY THE CORRESPONDING LIGHT SWITCH, CONTROL DEVICE, OR SWITCH LEG (LIGHT SWITCH, CONTROL DEVICE OR SWITCH LEG a IN THIS EXAMPLE). THIS NOTATION TYPICALLY FOLLOWS THE CIRCUIT NUMBER NOTATION (PANEL P, CIRCUIT 11; LIGHT SWITCH, CONTROL DEVICE OR SWITCH LEG a IN THIS EXAMPLE.
νī	DENOTES FIXTURE TO SERVE AS A NIGHT LIGHT. CONNECT LINE SIDE OF ANY SWITCHING, OCCUPANCY SENSOR, RELAYS, OR OTHER FORM OF MANUAL OR AUTOMATIC CONTROL. FOR HIGH BAY FIXTURES WITH MULTIPLE DRIVERS OR FLUORESCENT FIXTURES WITH DUAL BALLASTS, CONNECT TO POWER ONLY ONE INPUT CIRCUIT WHERE FIXTURES ARE CONFIGURED FOR DUAL—LEVEL CONTROL.
LIGHTING CONTROL	L DEVICES
\$	INDUSTRIAL SPECIFICATION GRADE WALL SWITCH, SINGLE POLE, 20A, 120–277V, UNLESS NOTED OTHERWISE. PROVIDE NEUTRAL CONDUCTOR TO ALL SWITCH LOCATIONS. WHERE SUBSCRIPT DESIGNATIONS ARE INDICATED ADJACENT TO DEVICE, SEE SWITCHING DEVICE SUBSCRIPT DESIGNATIONS BELOW FOR ADDITIONAL REQUIREMENTS.
©	CEILING MOUNTED LOW VOLTAGE 360° COVERAGE OCCUPANCY SENSOR, DUAL TECHNOLOGY UNLESS OTHERWISE NOTED ON DRAWINGS. WATTSTOPPER DT-300/305 OR EQUIVALENT. "P" DENOTES PASSIVE INFRARED TYPE (WATTSTOPPER CI-300/305), "U" DENOTES ULTRASONIC TYPE (WATTSTOPPER WT SERIES). PROVIDE QUANTITY OF POWER PACKS AS REQUIRED TO SUIT LOAD. PROVIDE SIGNAL CABLING AS REQUIRED TO LINK MULTIPLE SENSORS/POWER PACKS SERVING COMMON AREA OR LIGHTING ZONE.
SWITCHING DEVICE	SUBSCRIPT DESIGNATIONS
3	3-WAY SWITCH.
D	120V LED DIMMER SWITCH, 0-10V, SUITABLE FOR LOADS CONTROLLED, SUPPLIED BY LUTRON OR PRIOR APPROVED MANUFACTURER. PROVIDE NEUTRAL CONDUCTOR TO ALL SWITCH LOCATIONS.
OC	120-277V OCCUDANCY SENSOR WALL SWITCH DASSIVE INFRADED TYPE LINESS OTHERWISE NOTED ON

ELECTRICAL SYMBOL SCHEDULE - LIGHTING SYSTEMS AND ACCESSORIES

LIGHT FIXTURES

	ELECTRICAL SYMBOL SCHEDULE - COMMUNICATIONS
COMMUNICATIONS	
∇	WALL MOUNTED DATA OUTLET LOCATION. REFER TO TYPICAL MOUNTING HEIGHTS DETAIL. PROVIDE 3/4"C WITH PULL STRING TO ABOVE ACCESSIBLE CEILING.
♦	SAME AS ABOVE EXCEPT MOUNTED AT COUNTERTOP HEIGHT. MOUNT AT 48" AFF WHERE NOT LOCATED ABOVE A COUNTERTOP UNLESS OTHERWISE NOTED ON DRAWINGS.
₩	CATV OUTLET, COORDINATE MOUNTING HEIGHT WITH OWNER AT ALL LOCATIONS PRIOR TO ROUGHING IN. MOUNT ADJACENT TO DUPLEX RECEPTACLE FOR POWER TO TELEVISION LOCATION. PROVIDE 1"C WITH PULL STRING TO ABOVE ACCESSIBLE CEILING.

120-277V OCCUPANCY SENSOR WALL SWITCH. PASSIVE INFRARED TYPE UNLESS OTHERWISE NOTED ON

LIGHT FIXTURES OR LUMINARIES ON THAT SWITCH LEG (SWITCH LEG a IN THIS EXAMPLE). THIS

DW-100), "U" DENOTES ULTRASONIC TYPE (WATTSTOPPER UW-100).

LEG a IN THIS EXAMPLE.)

DRAWINGS. WATTSTOPPER PW-100 OR EQUIVALENT. "D" DENOTES DUAL TECHNOLOGY TYPE (WATTSTOPPER

DENOTES LIGHT SWITCH OR CONTROL DEVICE THAT CONTROLS THE CORRESPONDING SWITCH LEG AND ALL

NOTATION TYPICALLY FOLLOWS ADDITIONAL SUBSCRIPT DESIGNATIONS (DIMMER SWITCH CONTROLLINGSWITCH

	ELECTRICAL SYMBOL SCHEDULE - POWER
POWER	
P	120V, 20A DUPLEX RECEPTACLE, NEMA 5-20R. WALL MOUNTED, REFER TO TYPICAL MOUNTING HEIGHTS DETAIL. REFER TO ADDITIONAL NOTATIONS BELOW WHERE INDICATED ON DRAWINGS.
#	120V, 20A DUPLEX RECEPTACLE, NEMA 5-20R. WALL MOUNTED AT 42" AFF OR 6" ABOVE COUNTERTOP BACKSPLASH UNLESS OTHERWISE NOTED. REFER TO ADDITIONAL NOTATIONS BELOW WHERE INDICATED ON DRAWINGS.
8	120V, 20A QUADRAPLEX RECEPTACLE CONSISTING OF TWO DUPLEX RECEPTACLES IN COMMON BACKBOX, NEMA 5-20R. WALL MOUNTED, REFER TO TYPICAL MOUNTING HEIGHTS DETAIL. REFER TO ADDITIONAL NOTATIONS BELOW WHERE INDICATED ON DRAWINGS.
#	120V, 20A QUADRAPLEX RECEPTACLE CONSISTING OF TWO DUPLEX RECEPTACLES IN COMMON BACKBOX, NEMA 5-20R. WALL MOUNTED AT 42" AFF OR 6" ABOVE COUNTERTOP BACKSPLASH UNLESS OTHERWISE NOTED. REFER TO ADDITIONAL NOTATIONS BELOW WHERE INDICATED ON DRAWINGS.
Ŷ	SPECIALTY RECEPTACLE OR POWER OUTLET FOR DEDICATED CONNECTION TO EQUIPMENT. SEE DRAWINGS FOR TYPES AND ADDITIONAL REQUIREMENTS.
⊙ ⊽	FLUSH FLOOR MOUNTED TWO-COMPARTMENT BOX FOR DUPLEX RECEPTACLE AND DATA OUTLETS. TRIM PLATE TYPE AND FINISH AS SELECTED BY ARCHITECT. PROVIDE SEPARATE RACEWAYS FOR POWER AND DATA CABLING. PROVIDE 1-1/4"C WITH PULL STRING TO NEAREST WALL AND CONCEAL TO ABOVE CEILIN WITH SWEEPING ELBOW AT TRANSITION FOR DATA CABLING BY OTHERS. EXTEND AND STUB-UP 6" ABOVE ACCESSIBLE CEILING.
ø	ELECTRIC MOTOR OR EXHAUST FAN. PROVIDE LOCAL MEANS OF DISCONNECT PER NEC RATED TO SUIT LOAD WHERE NOT FACTORY EQUIPPED. CONNECT AS REQUIRED.
마	HEAVY DUTY DISCONNECT SWITCH, SEE SCHEDULE.
\boxtimes	EXISTING MOTOR STARTER OR LOAD CONTROL DEVICE.
\$ M	HEAVY DUTY DOUBLE POLE, SINGLE THROW 20A, 1HP RATED TOGGLE SWITCH. WHERE INDICATED SERVING MECHANICAL EQUIPMENT SWITCH IS TO BE INSTALLED ADJACENT TO EQUIPMENT TO SERVE AS LOCAL DISCONNECTING MEANS. FIELD COORDINATE.

WIRING	DEVICE	TYPICAL	NOTATIONS	
	,	,	•	

GF	GROUND FAULT CIRCUIT INTERRUPTER TYPE RECEPTACLE.
GF WP	GROUND FAULT CIRCUIT INTERRUPTER TYPE WITH WEATHERPROOF IN-USE TYPE COVER. ALL RECEPTACLES LOCATED OUTDOORS OR EXPOSED TO THE ELEMENTS SHALL BE WEATHER RESISTANT LISTED WITH "WR" LISTING ON FACE OF DEVICE BY FACTORY.
WC	DUPLEX RECEPTACLE TO SERVE WATER COOLER EQUIPMENT. COORDINATE WITH WATER COOLER INSTALLATION DRAWINGS TO CONCEAL BEHIND EQUIPMENT PANEL.

INDICATED DUPLEX RECEPTACLE TO BE INSTALLED IN CASEWORK FOR POWER TO MICROWAVE LOCATION IN

BREAK ROOMS, ETC. COORDINATE CUBBY LOCATION WITH ARCHITECTURAL CASEWORK ELEVATIONS.

INDICATES RECEPTACLE LOCATION FOR WALL MOUNTED TELEVISION. COORDINATE LOCATION WITH OWNER AND PROVIDE RECEPTACLE ADJACENT TO CATV OUTLET BACKBOX.

GENERAL DEMOLITION NOTES:

THE CONTRACTOR SHALL BE RESPONSIBLE FOR DISCONNECTION AND REMOVAL OF ANY ELECTRICAL DEVICES OR SYSTEMS AS REQUIRED FOR BUILDING RENOVATION WORK. COORDINATE WITH ARCHITECTURAL DRAWINGS AND PROVIDE LABOR AND MATERIALS FOR ALL WORK REQUIRED TO DISCONNECT DEVICES, LIGHT FIXTURES, ETC AT WALLS AND CEILINGS SCHEDULED FOR DEMOLITION.

NOTIFY OWNER PRIOR TO DISCONNECTION OR REMOVAL OF ANY ELECTRICAL SYSTEM DEVICE OR

THE CONTRACTOR SHALL PROVIDE FOR PROPER DISPOSAL OF ALL EQUIPMENT AND MATERIALS.

CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PATCHING, PAINTING, ETC AS REQUIRED TO CLOSELY MATCH ADJACENT BUILDING FINISHES WHERE DEVICES OR EQUIPMENT ARE REMOVED.

WHERE DEVICES OR FIXTURES ARE DEMOLISHED OR OTHERWISE ABANDONED AS PART OF THIS WORK, THE CONTRACTOR SHALL REMOVE ALL WIRING, RACEWAY, AND PERIPHERAL MATERIALS AND SUPPORTS TO SOURCE PANEL OR TO NEAREST JUNCTION BOX WHERE CIRCUIT SERVES OTHER DEVICES OR FIXTURES IN ADJACENT AREAS WHICH ARE TO REMAIN. FIELD COORDINATE.

CAREFULLY REVIEW ARCHITECTURAL, MECHANICAL, AND PLUMBING DEMOLITION PLANS. EXAMINE WORK TO BE DONE AND PROVIDE ALL ELECTRICAL WORK AS REQUIRED FOR DEMOLITION OF WALLS, CEILINGS, EQUIPMENT, OR SIMILAR AS DESCRIBED IN CONTRACT DOCUMENT SET. THIS INCLUDES RELOCATION, REROUTING, ETC OF ELECTRICAL CIRCUITS OR INFRASTRUCTURE WHERE REQUIRED FOR WORK UNDER OTHER TRADES WHETHER SPECIFICALLY INDICATED ON ELECTRICAL DRAWINGS OR NOT. CONTRACTOR IS REQUIRED TO VISIT THE SITE PRIOR TO PLACING BID AND INCLUDE IN BID ANY LABOR AND MATERIALS ASSOCIATED WITH RELOCATION OR MODIFICATION OF EXISTING ELECTRICAL SYSTEMS WHICH MAY BE AFFECTED BY WORK IN THE AREAS OF RENOVATION OR ADJACENT BUILDING AREAS.

PUSHBUTTON OR EXHAUST FAN SWITCH DIMMER OR LIGHTING OTHER LIGHTING LIGHT SWITCHES AND OTHER LIGHTING CONTROL FIRE ALARM HORN STROBE/ DUPLEX RECEPTACLE DUPLEX RECEPTACLE DATA/TELEPHONE DATA/TELEPHONE OTHER CONTROL OTHER LIGHTING / THERMOSTAT | CONTROL DEVICE DEVICES SHALL ALWAYS BE LOCATED ON THE FIRE ALARM STROBE PULL STATION CONTROL DEVICE DEVICE STRIKE SIDE OF THE DOORWAY UNLESS NOTED OTHERWISE ON THE PLANS OR IN THE ^^ \$m / ① SPECIFICATIONS. SYMBOL FINISHED CEILING FINISHED CEILING LOCATION OF DEVICES RELATIVE TO FLOOR, CEILING AND DOOR OPENINGS. STRIKE SIDE BETWEEN 80" AND 96" AFF. HINGE SIDE ---3"--- OUTSIDE EDGE OF DOOR CASING — DOOR CASING •• 6" ABOVE 6" ABOVE COUNTER COUNTER FINISHED FLOOR — FINISHED FLOOR ****ALL MOUNTING HEIGHTS ARE TYPICAL UNLESS OTHERWISE NOTED ON PLANS.**** DEVICE MOUNTING HEIGHTS

DISCONNEC	CT SWITCH SCHEDULE
SWITCH	DESCRIPTION
S-1	30A/2P
S-2	60A/2P
S-3	100A/2P
S-4	200A/2P
S-5	400A/2P
S-6	30A/3P
S-7	60A/3P
S-8	100A/3P
S-9	200A/3P
S-10	400A/3P
S-11	30A/4WSN
S-12	60A/4WSN
S-13	100A/4WSN
S-14	200A/4WSN
S-15	400A/4WSN

- ALL DISCONNECTS SHALL BE HEAVY
- 240V OR 600V TO SUIT CIRCUIT ALL DISCONNECTS FUSIBLE UNLESS OTHERWISE NOTED, PROVIDE FUSES TO
- ENCLOSURES NEMA 3R OUTDOORS AND IN WET LOCATIONS, NEMA 1 ELSEWHERE UNLESS OTHERWISE
- ALL OUTDOOR DISCONNECTS SERVING GROUND MOUNTED HVAC UNITS SHALL NOT BE MOUNTED HIGHER THAN 36" ABOVE FINISHED GRADE.

ABBREVIATIONS AFF ABOVE FINISHED FLOOR. AFG ABOVE FINISHED GRADE. BKR BREAKER. C CONDUIT. CATV | CABLE TELEVISION CIRCUIT. CKT | CIRCUIT. ELECTRICAL CONTRACTOR, DIVISION 26 (DIV 26). EXHAUST FAN. ELECTRICAL METALLIC TUBING. FAN COIL UNIT. GENERAL CONTRACTOR, DIVISION 00 THROUGH 14. GROUND FAULT CIRCUIT INTERRUPTER. GALVANIZED RIGID STEEL CONDUIT. HIGH INTENSITY DISCHARGE. DEVICE SHALL HAVE ISOLATED GROUND. SEE SPECIFICATIONS. INTERMEDIATE METALLIC CONDUIT. JB or J-BOX | JUNCTION BOX. KILOVOLT AMPERES. KW KILOWATT. MAX MAXIMUM. MECHANICAL CONTRACTOR, DIVISION 23 (DIV 23). MAIN DISTRIBUTION PANEL. MIN | MINIMUM. MFR MANUFACTURER. NMC NONMETALLIC-SHEATHED CABLE. VOLT. NATIONAL ELECTRICAL CODE. (NFPA 70). SWITCHBOARD. TYPICAL. UNLESS NOTED OTHERWISE. WATER COOLER. TRANSFORMER.

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THE SOUTH CAROLINA DEPARTMENT of ADMINISTRATION

THE SOUTH CAROLINA DEPARTMENT OF ADMINISTRATION State Project #D50-6037-PD

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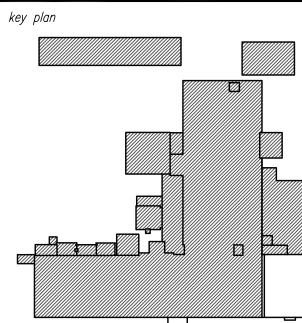




CONSTRUCTION DOCUMENTS

APRIL 14, 2022

number | item





ELECTRICAL NOTES, SYMBOLS, SCHEDULES, DETAILS, AND ABBREVIATIONS

sheet number

<u>drawn by</u> RMI checked by RMI