

GENERAL NOTES

A. SEE MECHANICAL EQUIPMENT CONNECTION SCHEDULE ON SHEET EP601 FOR ALL MECHANICAL EQUIPMENT ELECTRICAL CONNECTION INFORMATION.

B. THE CONTRACTOR SHALL PROVIDE AUTOMATIC RECEPTACLE CONTROL THAT MEETS ASHRAE 90.1, WHERE AT LEAST 50% OF ALL 125 VOLT, 20 AMP RECEPTACLES SHALL HAVE AUTOMATIC CONTROL IN THE FOLLOWING AREAS: PRIVATE OFFICES, OPEN OFFICES, AND COMPUTER CLASSROOMS. SEE DETAIL 1, SHEET EP502 FOR CONTROL SCHEMATIC.

C. CONTRACTOR TO PROVIDE AN IN-BUILDING RADIO SIGNAL AMPLIFICATION SYSTEM (IBEC) TO PROVIDE COMPLETE COVERAGE IN THE BUILDING FOR THE PUBLIC SAFETY AGENCIES AS REQUIRED BY THE LOCAL AHJ THAT MEETS THE CURRENT NFPA 72, IFC 510.2 AND ALL LOCAL CODES AND ORDINANCES. SEE SPECIFICATIONS FOR PERFORMANCE SPEC.

KEY NOTES

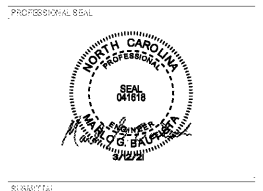
- NO WORK IN THIS AREA UNLESS OTHERWISE NOTED.
- EXISTING MAIN DISTRIBUTION PANEL, MDP TO REMAIN AND BE REFEED FROM NEW PANEL, MDP. EXISTING MDP TO BE RENAMED MDP2
- EXISTING CT CAN AND UTILITY COMPANY METER, CT CAN TO REMAIN AND UTILITY CO. METER TO BE DEMOLISHED. CT CAN TO BECOME PULL BOX FOR NEW FEEDER FROM NEW PANEL, MDP
- NEW CT CAN AND UTILITY COMPANY METER.
- EXISTING SPARE 3" PVC CONDUIT FROM EXISTING IT ROOM, CAPPED UNDER GRADE. FIELD VERIFY EXACT LOCATION.
- EXTEND EXISTING UNDERGROUND 3" PVC TO NEW DATA CLOSET AND STUB OUT IN ROOM. ROUTE CONDUIT UP IN WALL IN POOL STORAGE/RISER ROOM 104 AND ROUTE OVERHEAD TO DATA CLOSET.
- MECHANICAL EQUIPMENT CONTROL PANEL. COORDINATE EXACT LOCATION WITH MECHANICAL.
- ROUTE (2) 2" CONDUITS FROM ELECTRICAL ROOM TO UNDERSIDE OF ROOF DECKING FOR IBEC. SEE GENERAL NOTE C ABOVE FOR MORE INFORMATION.
- MAIN PHOTOVOLTAIC SYSTEM SERVICE ENTRANCE RATED FUSED DISCONNECT, 600V, 3 POLE, NEMA 3R. DISCONNECT SHALL BE LOCATED NEAR MAIN ELECTRICAL SERVICE ENTRANCE. REFER TO DRAWING EP601 FOR CONNECTION AND ADDITIONAL INFORMATION.
- PHOTOVOLTAIC SYSTEM INVERTERS. REFER TO DRAWING EP601 FOR ADDITIONAL CONNECTIONS AND ADDITIONAL INFORMATION.
- POWER AND DATA CONNECTIONS TO TELEVISION MOUNTED AT 60" A.F.F. PROVIDE FSR-PWB-200 BOX OR APPROVED EQUAL. PROVIDE (1) 1" CONDUIT TO IT ROOM 110. COORDINATE EXACT MOUNTING HEIGHT, STUB-OUT LOCATION IN IT ROOM AND FSR BOX INSERTS WITH OWNER.
- MAKE CONNECTION TO ELECTRIC BACKSTOP WINCH PER MANUFACTURERS RECOMMENDATIONS. WINCH CONTROLLED BY UPDOWN LIMIT SWITCH ON WALL.
- UPDOWN LIMIT SWITCHES FOR CONTROL OF ELECTRIC BACKSTOP WINCHES. MAKE CONNECTION TO ELECTRIC BACKSTOP WINCH PER MANUFACTURERS RECOMMENDATIONS. SUBSCRIPT INDICATES WHICH WINCH THE SWITCH CONTROLS. COORDINATE EXACT SWITCH TYPE WITH MANUFACTURER.
- MAKE CONNECTION TO OWNER PROVIDED WALL MOUNTED SCOREBOARD. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH OWNER PRIOR TO ROUGH-IN.
- PROVIDE POWER VIA THE NEAREST RECEPTACLE CIRCUIT TO ACCESS DOOR CONTROLLER. SEE ACCESS CONTROL DETAIL ON EP503 FOR MORE INFORMATION. ALL CONDUIT AT EXISTING DOOR LOCATIONS SHALL BE CONCEALED WHERE POSSIBLE.
- MOUNT MOTOR RATED SWITCH FOR HAND DRYER ABOVE ACCESSIBLE CEILING DIRECTLY ABOVE HAND DRYER FOR DISCONNECT MEANS. IF THERE IS NO ACCESSIBLE CEILING ABOVE HAND DRYER, THEN THE SWITCH SHOULD BE PLACED ABOVE THE NEAREST ACCESSIBLE CEILING AND LABELED.
- EXISTING OUTLET AT 18" AFF TO BE RELOCATED INTO NEW FURRED OUT WALL. MOUNT OUTLET AT 48" AFF. UTILIZE EXISTING PANEL CIRCUIT.
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- OUTLET MOUNTED INSIDE CASEWORK. SAW CUT FLOOR BETWEEN NEW FRONT DESK AND NEW FURRED OUT WALL TO FEED RECEPTACLE CIRCUIT IN DESK. THEN ROUTE IN WALL TO ABOVE CEILING AND TO PANEL.
- OUTLET MOUNTED INSIDE CASEWORK. CONNECT VIA 1/2" CONDUIT TO ADJACENT RECEPTACLES IN CASEWORK. POWER AS INDICATED.
- DATA OUTLET MOUNTED INSIDE CASEWORK. SAW CUT FLOOR BETWEEN NEW FRONT DESK AND NEW FURRED OUT WALL TO FEED OUTLETS IN DESK. THEN ROUTE IN WALL TO ABOVE CEILING AND TO IT ROOM 110. COORDINATE EXACT STUB OUT LOCATION WITH OWNER. ROUTE 1" CONDUIT BETWEEN DATA OUTLETS IN CASEWORK. PROVIDE AN ADDITIONAL SPARE 1" CONDUIT FROM DESK TO IT ROOM 110 AND PROVIDE INSULATED BUSHINGS ON EACH END.
- MAKE CONNECTION TO DIVIDER CURTAIN MOTOR PER MANUFACTURERS RECOMMENDATIONS. DIVIDER CURTAIN CONTROLLED BY 3-POSITION MOMENTARY CONTACT KEY SWITCH ON WALL.
- 3-POSITION MOMENTARY CONTACT KEY SWITCH FOR CONTROL OF GYM DIVIDER CURTAIN. MAKE CONNECTION TO DIVIDER CURTAIN MOTOR PER MANUFACTURERS RECOMMENDATIONS.

City of Asheville Parks & Recreation
DR. WESLEY GRANT SR. CENTER EXPANSION
 285 LINCOLN ST. STREET
 ASHEVILLE, NC 28801

CLARK NEXSEN
 201 COLLEGE STREET, SUITE 300
 ASHEVILLE, NORTH CAROLINA 28801
 828.232.6688
 CLARK NEXSEN LICENSE NUMBER: C-14128

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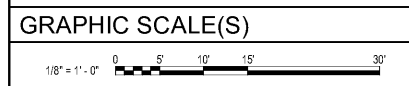
03.12.2021
CONSTRUCTION DOCUMENTS

03.12.2021

EP101
 FIRST FLOOR - POWER & SPECIAL SYSTEMS

GRAPHIC SCALE(S)
 1/8" = 1'-0"

1 FIRST FLOOR - POWER & SPECIAL SYSTEMS
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