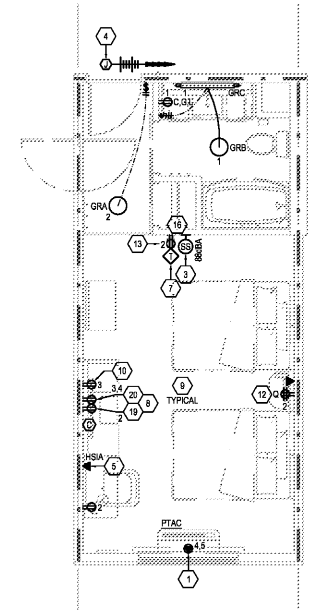
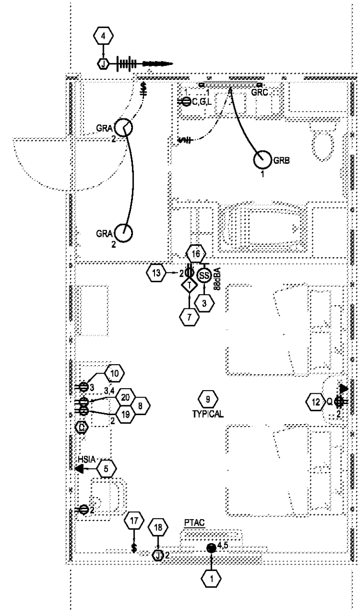
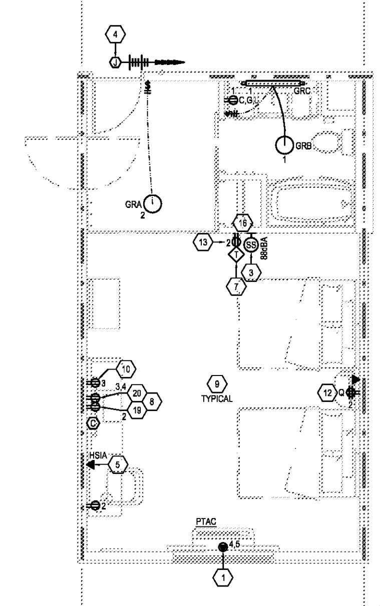


PROVIDE ADA COMM DEVICES IN ROOMS INDICATED WITH A: (11)

1 / E302 TYPICAL
QQ ROOM GUESTROOM ELECTRICAL PLAN
SCALE: 1/4"=1'-0"



2 / E302 TYPICAL ADA MOBILITY
QQ ROOM GUESTROOM ELECTRICAL PLAN
SCALE: 1/4"=1'-0"



PROVIDE ADA COMM DEVICES IN ROOMS INDICATED WITH A: (11)

3 / E302 TYPICAL
QQ ROOM WIDE GUESTROOM ELECTRICAL PLAN
SCALE: 1/4"=1'-0"

ALERT!
1. ELECTRICAL CONTRACTOR TO REFER TO ARCHITECTURAL ENLARGED GUESTROOMS PLANS FOR DIMENSIONS OF ALL ELECTRICAL DEVICES AND LIGHT FIXTURES.
2. ELECTRICAL CONTRACTOR TO REFER TO ARCHITECTURAL INTERIOR GUESTROOM ELEVATIONS FOR ALL ELECTRICAL DEVICE MOUNTING HEIGHTS.

GUESTROOM CONDUIT ROUTING NOTE

1. NOTE THAT A HORIZONTAL CHASE AREA IS TO BE DESIGNATED ABOVE THE RESTROOM AREAS OF THE GUEST UNITS, SEE MECHANICAL PLANS FOR ROUTING LANES. DUCTWORK IS INSTALLED FIRST. COORDINATE WITH MECHANICAL CONTRACTOR FOR TEMPORARILY REMOVING PREVIOUSLY INSTALLED SECTIONS OF DUCTWORK AS NEEDED FOR CABLE ROUTING.

GUESTROOM FIRE ALARM NOTES

1. FIRE ALARM NOTE FOR ALL ADA ROOMS: PROVIDE A DEDICATED NOTIFICATION APPLIANCE CIRCUIT (NAC) TO EACH ACCESSIBLE SUITE OR ROOM. PROGRAM PANEL SO THAT DEVICES IN EACH ROOM ARE ACTIVATED UPON EITHER LOCAL SMOKE DETECTION (IN THAT ROOM ONLY) OR GENERAL ALARM. PROVIDE SIMPLEX 4009 NAC PANEL OR EQUAL TO DRIVE NAC'S. 4009 CAN CONTROL 8 ROOMS.
2. GUESTROOM SMOKE DETECTORS MUST BE PHOTOELECTRIC SMOKE DETECTORS WITH SOUNDER BASES AND BOTH POWERED AND MONITORED BY THE FACP PER MARRIOTT'S MODULE 14. SOUNDER BASES SHALL PROVIDE A MINIMUM AUDIBLE ALARM OF 85 dBA AT 10', AND A MINIMUM OF 75 dBA "AT THE PILLOW".
3. ACTIVATION OF GUESTROOM SMOKE DETECTORS SHALL IMMEDIATELY AND AUTOMATICALLY ACTIVATE AN ALARM IN THE DETECTOR SOUNDER BASE AND SEND A SUPERVISORY SIGNAL TO THE FACP. MULTIPLE DETECTORS IN A SINGLE UNIT SHALL BE INTERCONNECTED. INCLUDE IN SEQUENCE OF OPERATIONS AND ENSURE CORRECT ANNUNCIATION.
4. ALL HEARING IMPAIRED ACCESSIBLE DESIGNATED ROOMS SHALL BE PROVIDED WITH AUDIBLE AND VISUAL ALARM STROBES IN THE SLEEPING AREAS AND BATHEROOMS. CANDELA RATINGS AND MOUNTING HEIGHTS MUST MEET NFPA 72, 2010, SEC. 18.5.4.6.2.
5. STROBES IN HEARING IMPAIRED ROOMS SHALL FACE THE BED, BOTTOM OF THE LENS SHALL BE AT LEAST 80" A.F.F.. CD RATING WILL BE DETERMINED BY THE DISTANCE OF THE ENTIRE LENS BELOW THE CEILING WHILE MAINTAINING THE MINIMUM DISTANCE ABOVE THE FLOOR PER NFPA 72, TABLE 18.5.5.7.2.

GUESTROOM CIRCUITRY

FOUR CIRCUIT GUESTROOMS ARE TO BE WIRED AS FOLLOWS:

- 120V CKT #1: RESTROOM
- 120V CKT #2: LIGHTS & RECEPTACLES
- 120V CKT #3: MICROWAVE & REFRIGERATOR
- 120V CKT #4: COFFEE MAKER
- 208V CKT: PTAC UNIT

ADA COMM DOOR NOTIFICATION

DOOR NOTIFICATION STROBE. CONTRACTOR TO PROVIDE EDWARDS #CFA-7005-GD, HOTEL ROOM ANNUNCIATOR KIT WITH AMBER LENS. HORN/STROBE ACTIVATED BY REMOTE PUSHBUTTON. PUSH BUTTON MOUNTS OUTSIDE ROOM DOOR AT 42" A.F.F. TO TOP OF DEVICE. PROVIDE LABEL WITH LARGE BLACK LETTERS WHICH SAYS "ANSWER DOOR" AT HORN/STROBE. WALL MOUNT AT 80". 92db AT 1 METER/82db AT 10 FEET. 50cd STROBE. ALL STROBES WITHIN SAME UNIT ARE TO BE CONNECTED TOGETHER WITH 1/2"C. WITH A 1/2"C. FROM THE FIRST STROBE TO THE PUSH BUTTON. PROVIDE ON/OFF SWITCH INSIDE OF GUEST UNIT.

GUESTROOM ADA COMMUNICATIONS DEVICES

1. DOORBELL - PUSH BUTTON TO ACTIVATE DOOR STROBE INSIDE OF GUESTROOM. BUTTON TO BE TURNED ON/OFF BY SWITCH NOTED BELOW. SEE WIRING DIAGRAM ON SHEET E301.
2. SWITCH - PROVIDE A ON/OFF SWITCH TO CONTROL DOORBELL WITH LABEL ON COVER THAT SAYS: "DOORBELL ON/OFF". FIELD VERIFY REQUIREMENTS AND LOCATION WITH ARCHITECT/OWNER. MOUNT SWITCH UNDER SWITCH AT GUESTROOM ENTRY. SEE WIRING DIAGRAM ON SHEET E301.
3. TELEPHONE STROBE - INTEGRAL TO GUESTROOM TELEPHONE.
4. DOOR BELL STROBE - PROVIDE STROBE LIGHTS AS PER "ADA COMM TELEPHONE NOTIFICATION" NOTE ON THIS SHEET. ONE STROBE IN BATHROOM (MOUNTED IN SAME STUD CAVITY WITH FIRE ALARM STROBE) AND ONE STROBE IN SLEEPING AREA (MOUNTED IN SAME STUD CAVITY WITH FIRE ALARM STROBE AND SMOKE DETECTOR). SEE WIRING DIAGRAM ON SHEET E301.
5. FIRE ALARM STROBE - PROVIDE TWO EACH FIRE ALARM SYSTEM STROBE LIGHTS. ONE IN BATHROOM (MOUNTED IN SAME STUD CAVITY WITH DOOR STROBE) AND ONE STROBE IN SLEEPING AREA (MOUNTED IN SAME STUD CAVITY WITH DOOR STROBE AND SMOKE DETECTOR). AT SUITES, PROVIDE ADDITIONAL STROBE IN 1/2 BATH & BEDROOM.

GENERAL PLAN NOTES

GENERAL:
1. ELECTRICAL CONTRACTOR TO REFER TO ARCHITECTURAL ENLARGED GUESTROOMS PLANS FOR DIMENSIONS OF ALL LIGHT FIXTURES, ELECTRICAL DEVICES, COMMUNICATION DEVICES, AND FIRE ALARM DEVICES.
2. ELECTRICAL CONTRACTOR TO REFER TO ARCHITECTURAL INTERIOR GUESTROOM ELEVATIONS FOR MOUNTING HEIGHTS ALL LIGHT FIXTURES, ELECTRICAL DEVICES, COMMUNICATION DEVICES, AND FIRE ALARM DEVICES.
3. THE LIGHT SWITCH AND ELECTRICAL OUTLET(S) IN ALL BATHROOMS SHALL BE LOCATED SO THEY DO NOT CONFLICT WITH THE MIRROR OR TOWEL BAR, COORDINATE WITH ARCHITECT. CONTRACTOR SHALL BE RESPONSIBLE FOR RELOCATING ANY CONFLICTING DEVICES DUE TO FAILURE TO COORDINATE AT HIS OWN COST.

LIGHTING:
1. VERIFY EXACT HEIGHT AND LOCATION OF ALL WALL MOUNTED LIGHT FIXTURES WITH ARCHITECTURAL PRIOR TO INSTALLATION OF JUNCTION BOXES.
2. ALL WALL MOUNTED LIGHT SWITCHES SHALL BE MOUNTED AT 48" A.F.F. TO TOP OF SWITCH.
3. ALL GUESTROOM LIGHTING MUST BE LABELED WITH THE UL LABEL. ALL LIGHTING MUST BE CONTRACT QUALITY OR BETTER AND RATED FOR AT LEAST 100 WATT LIGHT BULBS. FLUORESCENT BULBS (ALLOWED ONLY IN BATHS AND ENTRY) MUST HAVE INSTANT START ELECTRONIC BALLAST.
4. LIGHT FIXTURE FINISH MUST BE APPROPRIATE TO THE OVERALL DESIGN OF THE ROOM. A POWDER COAT PAINTED FINISH OR ANODIZED ALUMINUM FINISH IS RECOMMENDED. PLASTIC IS NOT PERMITTED EXCEPT FOR THE SWITCH. VERIFY FINISH OF ALL FIXTURES TO BE PROVIDED WITH ARCHITECT PRIOR TO PURCHASING. CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING ANY FIXTURES NOT APPROVED AT HIS OWN COST.

POWER:
1. OUTLETS ON BACK TO BACK WALL SURFACES BETWEEN ROOMS SHALL BE HORIZONTALLY SEPARATED BY 24" MIN. NO BACK TO BACK INSTALLTION OF BOXES ON THESE WALLS IS ALLOWED. IF THE SUBJECT WALLS ARE FIRE RATED, THE BOXES MUST BE WRAPPED IN FIRE RATED SHEETROCK BOXES SO THAT THE WALL FIRE RATING IS NOT AFFECTED BY THE PENETRATION.
2. ALL OUTLETS LOCATED IN GUESTROOMS ARE TO BE AT 16" A.F.F. TO CENTER OF BOX UNLESS OTHERWISE NOTED.
3. ALL OUTLETS LOCATED IN GUESTROOMS & GUEST SUITES ARE TO BE TAMPERPROOF.

COMM/FIRE ALARM:
1. ALL TELEPHONE/DATA OUTLETS ARE TO BE WIRED BACK TO THE COMMUNICATIONS BACKBOARD ON SAME FLOOR AS GUESTROOM. SEE "COMMUNICATIONS SERVICE RISER DIAGRAM" ON SHEET E402.
2. ALL RACEWAY FOR TELEPHONE, DATA & CATV TO BE STUBBED OUT OF ROOMS TO ABOVE ACCESSIBLE CEILING IN CORRIDOR. CONTRACTOR FREE TO USE 3/4" ENT INSIDE ROOMS.

ELECTRICAL KEYED NOTES

(1) PROVIDE 120/208V, 1Ø ELECTRICAL CONNECTION TO ROOM HVAC UNIT. UNIT BY MECHANICAL, WIRING BY ELECTRICAL CONTRACTOR. REFER TO HVAC WIRING TABLE ON SHEET E206 FOR ELECTRICAL INFORMATION.

(2) PROVIDE SINGLE GANG BOX IN WALL FOR CATV CONNECTION. STUB OUT 6" ABOVE CEILING IN 3/4"C. TERMINATED WITH INSULATED BUSHING. PROVIDE PULL STRING WITH TAGS AT BOTH ENDS THAT SAY: "CATV".

(3) WALL MOUNTED SYSTEM SMOKE DETECTOR WITH SOUNDER BASE. DEVICE TO BE ACTIVATED UPON GENERAL BUILDING ALARM, BUT DOES NOT ACTIVATE A BUILDING GENERAL ALARM. SEE "FIRE ALARM SYMBOLS LEGEND" ON SHEET E002 AND GUESTROOM FIRE ALARM NOTE ON THIS SHEET. MOUNT 8" BELOW CEILING TO CENTER OF BOX IN LINE WITH OUTLET BELOW.

(4) PROVIDE JUNCTION BOX MOUNTED ABOVE CORRIDOR DROP CEILING FOR ROOM CIRCUITRY. ROUTE (6) CIRCUITS TO PANEL TO (4) EACH 20A/1P BREAKERS FOR LIGHTING & POWER AND (1) 2-POLE BREAKER FOR HVAC UNIT. REFER TO 1/8 SCALE POWER PLANS FOR PANELS AND CIRCUITS TO BE USED PER THIS TYPE ROOM. CONTRACTOR IS TO SIZE ALL CONDUITS, WIRE AND JUNCTION BOXES PER NEC REQUIREMENTS. PROVIDE MULTIPLE CONDUIT RUNS AS REQUIRED. NO MORE THAN 7 CURRENT CARRYING (HOT) WIRES PER CONDUIT.

(5) ALL ROOMS TO HAVE HSIA PER HILTON STANDARDS. IF HARD WIRED INTERNET ACCESS IS DESIRED, A RECEPTACLE MUST BE PLACED @ 34" A.F.F. WHEN OPTIONAL WIRED CONNECTION FOR GUESTS IS ALSO PROVIDED, ANOTHER Cat-RJ45 CABLE TERMINATED ON AN 8-PIN RJ45 FEMALE JACK MUST BE PROVIDED ON THE WALL BELOW DESK/WORK AREA. MAINTAIN 6" CLEARANCE FOR ALL OTHER OUTLETS AND DEVICES. A PATCH CORD SHOULD BE PROVIDED AT THE DESKTOP FOR GUESTS CONVENIENCE. PROVIDE (1) Cat6-RJ45 CABLE IN EVERY GUESTROOM ON THE WALL BELOW THE DESK/WORK AREA TERMINATED ON AN 8-PIN RJ45 FEMALE JACK FOR WIRELESS ACCESS POINT INFRASTRUCTURE (LINE POWERED WAP). EACH CABLE MUST BE HOMERUN BETWEEN THE GUESTROOM AND THE IDF ON EACH FLOOR. COORDINATE WAP LOCATION WITH CASEGOODS TO AVOID CONFLICT.

(6) MOUNT DEVICES IN SAME STUD CAVITY. DEVICES TO BE EQUALLY SPACED AT SAME ELEVATION. SEE GUESTROOM ELEVATIONS. MOUNT NEXT TO OTHER DEVICES ON THIS WALL (SEE OTHER GUESTROOM PLANS).

(7) MECHANICAL THERMOSTAT, SEE "THERMOSTAT WALL BOX MOUNTING DETAIL" ON SHEET E402.

(8) OUTLETS TO BE MOUNTED SIDE-BY-SIDE UNDER SAME COVER BUT ON SEPARATE CIRCUITS. FIELD COORDINATE WITH FURNITURE INSTALLER. MOUNT DEVICE(S) AT 16" A.F.F. & COORDINATE WITH ACCESS PANELS IN THE FURNITURE.

(9) ELECTRICAL CONTRACTOR TO COORDINATE WITH ARCHITECTURAL DRAWINGS (PLANS, SECTIONS, & DETAILS) TO INSURE PROPER LOCATIONS OF FIXTURES AND DEVICES. (TYPICAL FOR ALL FIXTURES AND DEVICES.)

(10) OUTLET FOR USE WITH REFRIGERATOR. MOUNT AT 16" A.F.F.. COORDINATE WITH ACCESS PANELS IN THE FURNITURE. PROVIDE LABEL ON FACE OF COVERPLATE THAT SAYS: "REFRIGERATOR".

(11) REFER TO "GUESTROOM ADA COMMUNICATIONS DEVICES" NOTES ON THIS SHEET FOR ADDITIONAL DEVICES TO BE PROVIDED IN ALL GUESTROOMS DEEMED TO BE ADA COMMUNICATION FEATURE ROOMS. SEE ARCHITECTURAL PLANS FOR ADA COMM ROOMS.

(12) DEVICE(S) MOUNTS IN AN ACCESSIBLE LOCATION BELOW NIGHTSTAND. FIELD COORDINATE WITH FURNITURE INSTALLER. MOUNT DEVICE(S) AT 16" A.F.F. & COORDINATE WITH ACCESS PANELS IN THE FURNITURE.

(13) MOUNT OUTLET INLINE BELOW THERMOSTAT AT 18" A.F.F..

(14) THE GUESTROOM TELEPHONE HAS AN INTEGRAL FLASHING LIGHT. THIS WILL SATISFY THE ADA REQUIRED FOR A TELEPHONE STROBE DEVCE.

(15) PROVIDE A ON/OFF SWITCH TO CONTROL DOORBELL WITH LABEL ON COVER THAT SAYS: "DOORBELL ON/OFF". FIELD VERIFY REQUIREMENTS AND LOCATION WITH ARCHITECT/OWNER.

(16) MOUNT DEVICES IN SAME STUD CAVITY. DEVICES TO BE EQUALLY SPACED AT SAME ELEVATION. SEE GUESTROOM ELEVATIONS. RECEPTACLE IS AT STANDARD HEIGHT WHERE ONE IS SHOWN.

(17) CONTROLS FOR NOTE 18 MOTORIZED SHADE. WIRE TO SHADE AS PER MANUFACTURER SPECS.. FIELD COORDINATE WITH SHADE INSTALLER/PROVIDER.

(18) PROVIDE 120V CONNECTION TO MOTORIZED SHADE CONTROLS. WIRE AS PER MANUFACTURER SPECIFICATIONS. SHADE TO BE CONTROLLED NOTE 17 SWITCH AT GUESTROOM ENTRY. COORDINATE LOCATION WITH SHADE MANUFACTURER & LOCATE CONCEALED BY DRAPERY.

(19) OUTLET IS FOR USE WITH TV & FURNITURE. PROVIDE LABELS ON FACE OF DEVICE. TOP IN TV AND BOTTOM IS FURNITURE. WIRE ON CIRCUIT #2 WITH OTHER OUTLETS IN ROOM.

(20) OUTLET IS FOR USE WITH MICROWAVE AND COFFEE MAKER. TOP RECEPTACLE IS FOR THE MICROWAVE. LABEL AS SUCH. WIRE ON CIRCUIT #3 WITH THE REFRIGERATOR. BOTTOM RECEPTACLE IS FOR THE COFFEE MAKER. LABEL AS SUCH. WIRE ON CIRCUIT #4.

GUESTROOM ELECTRICAL MOCKUP

MOCK-UP ELECTRICAL ROUGH-IN IN ONE OF EACH TYPE OF GUEST UNIT FOR OWNER'S REVIEW AND COORDINATION WITH FURNITURE. RELOCATE BOXES AS DIRECTED BY OWNER, AND CONSTRUCT REMAINING ROOMS AS APPROVED. COORDINATE OFFSET BOXES ON OPPOSITE SIDES OF ONE-HOUR FIRE-RATED STUD WALLS WITH DETAIL A603/01.

OUTLETS BEHIND MILLWORK

ELECTRICAL OUTLETS MUST FIT WITHIN THE PARTITIONED SECTION OF MILLWORK AS INDICATED IN ARCHITECTURAL ELEVATIONS. ELECTRICAL CONTRACTOR MUST STAGGER OUTLETS AS NOTES & DETAILS IN THE ELECTRICAL AND ARCHITECTURAL PLANS WHILE MAINTAINING RELATIVE POSITIONS AS SHOWN.

1 HOUR FIRE RATED PARTITION
2 HOUR FIRE RATED PARTITION

March Adams & Associates
Consulting Engineers
310 Dodds Ave.
P.O. Box 3689
Chattanooga, Tennessee 37404
PH: (423)698-6675
MAA #: 18431

HAMPTON INN
NEW HOTEL
ASHLAND CITY, TENNESSEE

WWW • DAVIDRCARTER • NET
DAVID R. CARTER AND ASSOCIATES

STEVEN BOYD SABACH · REGISTERED ENGINEER · AGRICULTURE · COMMERCE · No. 111[illegible] · STATE OF TENNESSEE · 05/30/19

ISSUE DATE 05-30-19
▲REVISION LOG

1/4" = 1'-0"
0 2' 4'

PROJECT 00755

ENLARGED GUESTROOM ELECTRICAL PLANS

E302

© 2019 DAVID R. CARTER AND ASSOCIATES
T:\2018\18431_Hampton Inn_Ashland City TN\18431 E301.dwg, 5/31/2019 9:40:45 AM, hornjl
Order Plans @ WWW.LDIILine.com