This guide specification is written according to the Construction Specifications Institute (CSI) formats, including MasterFormat, SectionFormat, and PageFormat.

Carefully review and edit this section to meet the requirements of the project and local building code. Coordinate this section with other specification sections and drawings.

Delete all "Specifier Notes" when done editing this section.

SECTION 16140

WIRING DEVICES

PART 1 - GENERAL

1.1   CONDITIONS AND REQUIREMENTS

   A.   The General Conditions, Supplementary Conditions, and Division 1 – General Requirements apply.

1.2   SECTION INCLUDES

Specifier Note: Retain and edit subparagraphs below to cross-reference products specified in PART 2 - PRODUCTS. Delete those products not retained in PART 2 after editing.

   A.   Straight blade duplex receptacles.

   B.   GFCI receptacles.

   C.   USB receptacles.

   D.   Combination switches.

   E.   Four-button timer switches.

   F.   Paddle switches.

   G.   Paddle dimmers.

   H.   Occupancy passive infrared (SIR) sensors.

   I.   Vacancy passive infrared (PIR) sensors.

   J.   Night lights.

   K.   Fan speed controls.

   L.   Screwless wall plates.

1.3   RELATED SECTIONS

Specifier Note: In this article, specify work specified in other sections that is related to work of this section.

   A.   Division 16 - Electrical: Electrical systems and components.

Specifier Note: The following paragraph is a sample that may be used in this article. Add to or delete from the following as appropriate for the specific project.

   B.   Section [xxxxx] – [Section Title]: [Include brief description of work specified in another section that is related to the work of this section.]

1.4   REFERENCES

   A.   CSA Group (CSA):

1. CSA C22.2 No. 42-2010 (R2015) - General Use Receptacles, Attachment Plugs, and Similar Wiring Devices.
   CSA C22.2 No. 111-2010 (R2015) - General-Use Snap Switches.
   CSA C22.2 No. 223-2015 - Power Supplies With Extra-Low Voltage Class 2 Outputs.

B. Underwriters Laboratories Inc. (UL):

1. UL 20 - Standard for General-Use Snap Switches.
   UL 498 - Standard for Attachment Plugs and Receptacles.
   UL 514D - Standard for Cover Plates for Flush-Mounting Devices.
   UL 1310 - Standard for Class 2 Power Units.

1.5 SUBMITTALS

Specifier Note: In this article, specify various types of data to be furnished by the contractor before, during, or after construction. Topics included in this article are product data, shop drawings, samples, design data, test reports, certificates, manufacturers' instructions, manufacturers' field reports, qualification statements, and closeout submittals.

A. Submit under provisions of Section [01330] [_____].

B. Product Data: Submit for each type of product specified.

1.6 QUALITY ASSURANCE

Specifier Note: In this article, describe qualifications, regulatory requirements, certifications, field samples, mock-ups, and pre-installation meetings.

A. Manufacturer Qualifications: Firms regularly engaged in manufacture of devices and wall plates of the types and sizes required, whose products have been in satisfactory use in similar service for not less than 10 years. Provide fire classified electrical floor boxes and fittings produced by a manufacturer listed in this section.

B. Source Limitations: Obtain each type of device and wall plate through one (1) source from a single manufacturer.

C. Wiring Devices, Components, and Accessories: UL listed and labeled and/or ETL listed and labeled as defined in NFPA 70, to have been tested and met the minimum requirements of the prescribed NEMA and UL product safety standards. Marked for intended location and application.

1.7 DELIVERY, STORAGE AND HANDLING

A. Deliver wiring devices and wall plates in factory labeled packages.

B. Store and handle in strict compliance with manufacturer's written instructions and recommendations.

C. Protect from damage due to weather, excessive temperature, and construction operations.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

A. Basis-of-Design Product: The design for wiring devices and wall plates is based on products manufactured by legrand®, 60 Woodlawn Street, West Hartford, CT 06110; toll-free 877-295-3472, telephone 877-295-3472, Web Site: http://www.legrand.us.

B.   Substitutions will be considered under provisions of Section 01635.

2.2   STRAIGHT BLADE DUPLEX RECEPTACLES

Specifier Note: Retain as many of the following products as required for a specific project and delete the others.

A.   Straight Blade Duplex Receptacles:

1.   General: Receptacles comply with UL 498 and CSA C22.2 No. 42.

Specifier Note: Retain one color and delete the others in brackets after Part No. and from description.

Duplex Receptacles: radiant® Part No. 885[LA][I][W][BK][GRY]; rated 15 amps, 125 volts; two-pole, three-wire receptacle; high-impact resistant thermoplastic construction; extra-long mounting strap; Quickloop wire looping aid; tri-drive screws; side-access push wire release; side wire accepts #12 - #14 AWG solid, push wire accepts #14 AWG solid only; [light almond] [ivory] [white] [black] [gray] color; UL and cULus listed; CSA compliant.

B.   15A Straight Blade Self-Grounding Duplex Receptacles:

1.   General: Receptacles comply with UL 498 and CSA C22.2 No. 42. UL listed; CSA compliant.

Specifier Note: Retain one or more colors and delete the others in brackets after Part No. and from description.

15A Self-Grounding Duplex Receptacles: radiant® Part No. 885S[LA][I][W][BK]; rated 15 amps, 125 volts; two-pole, three-wire receptacle; high-impact resistant thermoplastic construction; automatic ground clip; extra-long mounting strap; Quickloop wire looping aid; tri-drive screws; side-access push wire release; side wire accepts #12 - #14 AWG solid, push wire accepts #14 AWG solid only; [light almond] [ivory] [white] [black] color.

C.   15A Straight Blade Tamper-Resistant Duplex Receptacles:

1.   General: Receptacles comply with UL 498 and CSA C22.2 No. 42. Meets NEC® Tamper-Resistant requirements. UL listed; CSA compliant.

Specifier Note: Retain one or more colors and delete the others in brackets after Part No. and from description.

15A Tamper-Resistant Duplex Receptacles: radiant® Part No. 885TR[LA][I][W][BK][GRY][NICC12][DBCC12]; rated 15 amps, 125 volts; single-pole/3-way; high-impact resistant thermoplastic construction; automatic ground clip; extra-long mounting strap; Quickloop wire looping aid; tri-drive screws; side-access push wire release; side wire accepts #12 - #14 AWG solid, push wire accepts #14 AWG solid only; [[light almond] [ivory] [white] [brown] [black] [brown] [gray] color] [[nickel] [dark bronze] finish].

D.   15A Straight Blade Tamper-Resistant/Weather-Resistant Duplex Receptacles:

1.   General: Receptacles comply with UL 498 and CSA C22.2 No. 42. Meets NEC® Tamper-Resistant requirements. UL listed; cULus listed; CSA compliant.

Specifier Note: Retain one or more colors and delete the others in brackets after Part No. and from description.

15A Tamper-Resistant/Weather-Resistant Duplex Receptacles: radiant® Part No. 885TR[LA][I][W]; rated 15 amps, 125 volts; single-pole/3-way; high-impact

resistant thermoplastic construction; automatic ground clip; extra-long mounting strap; Quickloop wire looping aid; tri-drive screws; side-access push wire release; side wire accepts #12 - #14 AWG solid, push wire accepts #14 AWG solid only; [light almond] [ivory] [white] [brown] color.

E.   20A Straight Blade Tamper-Resistant Duplex Receptacles:

1.   General: Receptacles comply with UL 498 and CSA C22.2 No. 42. Meets NEC® Tamper-Resistant requirements. UL listed; CSA compliant.

Specifier Note: Retain one or more colors and delete the others in brackets after Part No. and from description.

20A Tamper-Resistant Duplex Receptacles: Part No. TR26352R[LA][I][W][BK][GRY]; rated 20 amps, 125 volts; single-pole/3-way; high-impact resistant thermoplastic construction; automatic ground clip; extra-long mounting strap; Quickloop wire looping aid; tri-drive screws; side-access push wire release; side wire accepts #12 - #14 AWG solid, push wire accepts #14 AWG solid only; [light almond] [ivory] [white] [black] [brown] [gray] color.

2.3   GFCI RECEPTACLES

A.   Specification Grade Self-Test GFCI Duplex Receptacles:

1.   General: Receptacles comply with UL 498, UL 943, Federal Specification WC596, Standard CSA C22.2 No. 42, and CSA C22.2 No. 144. Conforms to NEMA WD-1 and WD-6; cULus listed File Number E42190. RoHS Compliant.

Specifier Note: Retain one or more colors and delete the others in brackets after Part No. and from description.

15A TradeMaster/Specification Grade Self-Test Tamper-Resistant GFCI Duplex Receptacles: Part No. 1597TR[LA][I][W][--][BK][NI][AB][DB]; rated 15 amps, 125 volts; nylon face, body, and test/reset buttons; thermoplastic tamper-resistant shutter; terminals accept #14 - #10 AWG solid or stranded copper or copper-clad conductors; SafeLock® Protection performs an automatic test every three seconds to insure that ground fault protection is active; auto-ground clip; indicator light; [light almond] [ivory] [white] [brown] [black] [nickel] [antique brass] [dark bronze] finish and color. RoHS Compliant.

Specifier Note: Retain one or more colors and delete the others in brackets after Part No. and from description.

15A TradeMaster/Specification Grade Self-Test GFCI Duplex Receptacles: Part No. 1597[LA][I][W][--][BK][GRY][RED]; rated 15 amps, 125 volts; nylon face, body, and test/reset buttons; terminals accept #14 - #10 AWG solid or stranded copper or copper-clad conductors; SafeLock® Protection performs an automatic test every three seconds to insure that ground fault protection is active; auto-ground clip; indicator light; [light almond] [ivory] [white] [brown] [black] [gray] [red] color. RoHS Compliant.

Specifier Note: Retain one or more colors and delete the others in brackets after Part No. and from description.

15A TradeMaster/Specification Grade Self-Test Audible Alarm Tamper-Resistant GFCI Duplex Receptacles: Part No. 1597TRA[LA][I][W][BK]; rated 15 amps, 125 volts; nylon face, body, and test/reset buttons; thermoplastic tamper-resistant shutter; terminals accept #14 - #10 AWG solid or stranded copper or copper-clad conductors; SafeLock® Protection performs an automatic test every

three seconds to insure that ground fault protection is active; auto-ground clip; audible alarm; [light almond] [ivory] [white] [brown] [black] color. RoHS Compliant.

Specifier Note: Retain one or more colors and delete the others in brackets after Part No. and from description.

15A Specification Grade Self-Test Combination Tamper-Resistant Switch/GFCI Duplex Receptacles (No Federal Specification): Part No. 1597SWTTR[LA][I][W][BK]CC4; rated 15 amps, 125 volts; nylon face, body, and test/reset buttons; thermoplastic tamper-resistant shutter; terminals accept #14 - #10 AWG solid or stranded copper or copper-clad conductors; SafeLock® Protection performs an automatic test every three seconds to insure that ground fault protection is active; auto-ground clip; indicator light; [light almond] [ivory] [white] [black] color. RoHS Compliant.

Specifier Note: Retain one or more colors and delete the others in brackets after Part No. and from description.

15A Specification Grade Self-Test Tamper-Resistant Night Light/GFCI Duplex Receptacles: Part No. 1597NTLTR[LA][I][W][BK][NI][AB][DB]CC4; rated 15 amps, 125 volts; nylon face, body, and test/reset buttons; thermoplastic tamper-resistant shutter; terminals accept #14 - #10 AWG solid or stranded copper or copper-clad conductors; SafeLock® Protection performs an automatic test every three seconds to insure that ground fault protection is active; auto-ground clip; indicator light; Lexan® nightlight lens; [[light almond] [ivory] [white] [black] color] [[nickel] [antique brass] [dark bronze] finish]. RoHS Compliant.

Specifier Note: Retain one or more colors and delete the others in brackets after Part No. and from description.

15A TradeMaster/Specification Grade Self-Test Weather-Resistant GFCI Duplex Receptacles: Part No. 1597TRWR[LA][I][W][--][BK][GRY]; rated 15 amps, 125 volts; nylon face, body, and test/reset buttons; thermoplastic tamper-resistant shutter; terminals accept #14 - #10 AWG solid or stranded copper or copper-clad conductors; SafeLock® Protection performs an automatic test every three seconds to insure that ground fault protection is active; auto-ground clip; indicator light; [light almond] [ivory] [white] [brown] [black] [gray] color. RoHS Compliant.

Specifier Note: Retain one or more colors and delete the others in brackets after Part No. and from description.

15A RoHS-Compliant TradeMaster/Specification Grade Self-Test Tamper-Resistant GFCI Duplex Receptacles: Part No. 1597TRR[LA][I][W]; rated 15 amps, 125 volts; nylon face, body, and test/reset buttons; thermoplastic tamper-resistant shutter; terminals accept #14 - #10 AWG solid or stranded copper or copper-clad conductors; SafeLock® Protection performs an automatic test every three seconds to insure that ground fault protection is active; auto-ground clip; indicator light; [light almond] [ivory] [white] color. RoHS Compliant.

Specifier Note: Retain one or more colors and delete the others in brackets after Part No. and from description.

20A Specification Grade Self-Test Tamper-Resistant GFCI Duplex Receptacles: Part No. 2097TR[LA][I][W][--][BK][GRY][RED]; rated 20 amps, 125 volts; nylon face, body, and test/reset buttons; thermoplastic tamper-resistant shutter;

terminals accept #14 - #10 AWG solid or stranded copper or copper-clad conductors; SafeLock® Protection performs an automatic test every three seconds to insure that ground fault protection is active; auto-ground clip; indicator light; [light almond] [ivory] [white] [brown] [black] [gray] [red] color. RoHS Compliant.

20A Specification Grade Self-Test GFCI Duplex Receptacles: Part No. 2097[LA][I][W][--][BK][GRY][RED]; rated 20 amps, 125 volts; nylon face, body, and test/reset buttons; terminals accept #14 - #10 AWG solid or stranded copper or copper-clad conductors; SafeLock® Protection performs an automatic test every three seconds to insure that ground fault protection is active; auto-ground clip; indicator light; [light almond] [ivory] [white] [brown] [black] [gray] [red] color. RoHS Compliant.

15A Specification Grade Self-Test Isolated Ground Tamper-Resistant GFCI Duplex Receptacles: Part No. 1597IGTR[LA][I][W][O]; rated 15 amps, 125 volts; nylon face, body, and test/reset buttons; thermoplastic tamper-resistant shutter; terminals accept #14 - #10 AWG solid or stranded copper or copper-clad conductors; SafeLock® Protection performs an automatic test every three seconds to insure that ground fault protection is active; auto-ground clip; indicator light; [light almond] [ivory] [white] [orange] color. RoHS Compliant.

20A Specification Grade Self-Test Isolated Ground Tamper-Resistant GFCI Duplex Receptacles: Part No. 2097IGTR[I][W][GRY]; rated 20 amps, 125 volts; nylon face, body, and test/reset buttons; thermoplastic tamper-resistant shutter; terminals accept #14 - #10 AWG solid or stranded copper or copper-clad conductors; SafeLock® Protection performs an automatic test every three seconds to insure that ground fault protection is active; auto-ground clip; indicator light; [light almond] [ivory] [white] [gray] color. RoHS Compliant.

20A Specification Grade Self-Test Tamper-Resistant Night Light/GFCI Duplex Receptacles: Part No. 2097NTLTR[LA][I][W][GRY]; rated 20 amps, 125 volts; nylon face, body, and test/reset buttons; thermoplastic tamper-resistant shutter; terminals accept #14 - #10 AWG solid or stranded copper or copper-clad conductors; SafeLock® Protection performs an automatic test every three seconds to insure that ground fault protection is active; auto-ground clip; indicator light; Lexan® nightlight lens; [light almond] [ivory] [white] [gray] color. RoHS Compliant.

20A Specification Grade Self-Test Weather-Resistant GFCI Duplex Receptacles: Part No. 2097TRWR[LA][I][W][--][BK][GRY]; rated 20 amps, 125 volts; nylon face, body, and test/reset buttons; thermoplastic tamper-resistant shutter;

Project Name
Project Location

Project No.
16140-6

Date
Wiring Devices

terminals accept #14 - #10 AWG solid or stranded copper or copper-clad conductors; SafeLock® Protection performs an automatic test every three seconds to insure that ground fault protection is active; auto-ground clip; indicator light; [light almond] [ivory] [white] [brown] [black] [gray] color. RoHS Compliant.

20A Specification Grade Self-Test Audible Alarm Tamper-Resistant GFCI Duplex Receptacles: Part No. 2097TRA[LA][I][W][--][BK][GRY][RED]; rated 20 amps, 125 volts; nylon face, body, and test/reset buttons; thermoplastic tamper-resistant shutter; terminals accept #14 - #10 AWG solid or stranded copper or copper-clad conductors; SafeLock® Protection performs an automatic test every three seconds to insure that ground fault protection is active; auto-ground clip; audible alarm; [light almond] [ivory] [white] [brown] [black] [gray] [red] color. RoHS Compliant.

15A NAFTA-Compliant TradeMaster/Specification Grade Self-Test Tamper-Resistant GFCI Duplex Receptacles: Part No. 1597TRNA[LA][I][W][--][BK][GRY]; rated 15 amps, 125 volts; nylon face, body, and test/reset buttons; thermoplastic tamper-resistant shutter; terminals accept #14 - #10 AWG solid or stranded copper or copper-clad conductors; SafeLock® Protection performs an automatic test every three seconds to insure that ground fault protection is active; auto-ground clip; [light almond] [ivory] [white] [brown] [black] [gray] color. RoHS Compliant.

20A NAFTA-Compliant TradeMaster/Specification Grade Self-Test Tamper-Resistant GFCI Duplex Receptacles: Part No. 2097TRNA[LA][I][W][GRY]; rated 20 amps, 125 volts; nylon face, body, and test/reset buttons; thermoplastic tamper-resistant shutter; terminals accept #14 - #10 AWG solid or stranded copper or copper-clad conductors; SafeLock® Protection performs an automatic test every three seconds to insure that ground fault protection is active; auto-ground clip; [light almond] [ivory] [white] [gray] color. RoHS Compliant.

20A NAFTA-Compliant TradeMaster/Specification Grade Self-Test GFCI Duplex Receptacles: Part No. 2097NA[LA][I][W][--][GRY][BL]; rated 20 amps, 125 volts; nylon face, body, and test/reset buttons; terminals accept #14 - #10 AWG solid or stranded copper or copper-clad conductors; SafeLock® Protection performs an automatic test every three seconds to insure that ground fault protection is active; auto-ground clip; [light almond] [ivory] [white] [brown] [gray] [blue] color. RoHS Compliant.

15A NAFTA-Compliant Specification Grade Self-Test Tamper-Resistant/Weather-Resistant GFCI Duplex Receptacles: Part No. 1597TRWRNA[LA][I][W][--]; rated 15 amps, 125 volts; nylon face, body, and

Project Name
Project Location

Project No.
16140-7

Date
Wiring Devices

test/reset buttons; thermoplastic tamper-resistant shutter; terminals accept #14 - #10 AWG solid or stranded copper or copper-clad conductors; SafeLock® Protection performs an automatic test every three seconds to insure that ground fault protection is active; auto-ground clip; indicator light; [light almond] [ivory] [white] [brown] color. RoHS Compliant.

Specifier Note: Retain one or more colors and delete the others in brackets after Part No. and from description.

20A NAFTA-Compliant Specification Grade Self-Test Tamper-Resistant/Weather-Resistant GFCI Duplex Receptacles: Part No. 2097TRWRNA[LA][I][W][--][GRY]; rated 20 amps, 125 volts; nylon face, body, and test/reset buttons; thermoplastic tamper-resistant shutter; terminals accept #14 - #10 AWG solid or stranded copper or copper-clad conductors; SafeLock® Protection performs an automatic test every three seconds to insure that ground fault protection is active; auto-ground clip; indicator light; [light almond] [ivory] [white] [brown] [gray] color. RoHS Compliant.

B.   PlugTail® Specification Grade Self-Test GFCI Duplex Receptacles:

1.   General: Receptacles comply with UL 498, UL 943, Federal Specification WC596, Standard CSA C22.2 No. 42, and CSA C22.2 No. 144. Conforms to NEMA WD-1 and WD-6; cULus listed File Number E42190 and E140596. RoHS Compliant.

Specifier Note: Retain one or more colors and delete the others in brackets after Part No. and from description.

15A PlugTail® Specification Grade Self-Test GFCI Duplex Receptacles: Part No. PT1597[LA][I][W][GRY]; rated 15 amps, 125 volts; nylon face, body, and test/reset buttons; PlugTail® right angle connector with six (6) inch #12 AWG THHN stripped, solid or stranded, copper leads; SafeLock® Protection performs an automatic test every three seconds to insure that ground fault protection is active; indicator light; auto-ground clip; [light almond] [ivory] [white] [gray] color. RoHS Compliant.

Specifier Note: Retain one or more colors and delete the others in brackets after Part No. and from description.

20A PlugTail® Specification Grade Self-Test GFCI Duplex Receptacles: Part No. PT2097[LA][I][W][--][BK][GRY][RED]; rated 20 amps, 125 volts; nylon face, body, and test/reset buttons; PlugTail® right angle connector with six (6) inch #12 AWG THHN stripped, solid or stranded, copper leads; SafeLock® Protection performs an automatic test every three seconds to insure that ground fault protection is active; indicator light; auto-ground clip; [light almond] [ivory] [white] [brown] [black] [gray] [red] color. RoHS Compliant.

Specifier Note: Retain one or more colors and delete the others in brackets after Part No. and from description.

15A PlugTail® Specification Grade Self-Test Tamper-Resistant GFCI Duplex Receptacles: Part No. PT1597TR[LA][I][W][--][BK][GRY][RED]; rated 15 amps, 125 volts; nylon face, body, and test/reset buttons; thermoplastic tamper-resistant shutter; PlugTail® right angle connector with six (6) inch #12 AWG THHN stripped, solid or stranded, copper leads; SafeLock® Protection performs

an automatic test every three seconds to insure that ground fault protection is active; indicator light; auto-ground clip; [light almond] [ivory] [white] [brown] [black] [gray] [red] color. RoHS Compliant.

20A PlugTail® Specification Grade Self-Test Tamper-Resistant GFCI Duplex Receptacles: Part No. PT2097TR[LA][I][W][--][GRY][RED]; rated 20 amps, 125 volts; nylon face, body, and test/reset buttons; thermoplastic tamper-resistant shutter; PlugTail® right angle connector with six (6) inch #12 AWG THHN stripped, solid or stranded, copper leads; SafeLock® Protection performs an automatic test every three seconds to insure that ground fault protection is active; indicator light; auto-ground clip; [light almond] [ivory] [white] [brown] [gray] [red] color. RoHS Compliant.

20A PlugTail® Specification Grade Self-Test Combination Tamper-Resistant Night Light/GFCI Duplex Receptacles: Part No. PT2097NTLTR[I][W]; rated 20 amps, 125 volts; nylon face, body, and test/reset buttons; thermoplastic tamper-resistant shutter; PlugTail® right angle connector with six (6) inch #12 AWG THHN stripped, solid or stranded, copper leads; SafeLock® Protection performs an automatic test every three seconds to insure that ground fault protection is active; auto-ground clip; indicator light; Lexan® nightlight lens; [ivory] [white] color. RoHS Compliant.

15A PlugTail® NAFTA-Compliant Specification Grade Self-Test GFCI Duplex Receptacles: Part No. PT1597NA[LA][W][GRY]; rated 15 amps, 125 volts; nylon face, body, and test/reset buttons; PlugTail® right angle connector with six (6) inch #12 AWG THHN stripped, solid or stranded, copper leads; SafeLock® Protection performs an automatic test every three seconds to insure that ground fault protection is active; auto-ground clip; [light almond] [white] [gray] color. RoHS Compliant.

20A PlugTail® NAFTA-Compliant Specification Grade Self-Test GFCI Duplex Receptacles: Part No. PT2097NA[LA][W][BK]; rated 20 amps, 125 volts; nylon face, body, and test/reset buttons; PlugTail® right angle connector with six (6) inch #12 AWG THHN stripped, solid or stranded, copper leads; SafeLock® Protection performs an automatic test every three seconds to insure that ground fault protection is active; auto-ground clip; [light almond] [white] [black] color. RoHS Compliant.

20A PlugTail® NAFTA-Compliant Specification Grade Self-Test Tamper-Resistant GFCI Duplex Receptacles: Part No. PT2097TRNA[LA][I][W]; rated

20 amps, 125 volts; nylon face, body, and test/reset buttons; thermoplastic tamper-resistant shutter; PlugTail® right angle connector with six (6) inch #12 AWG THHN stripped, solid or stranded, copper leads; SafeLock® Protection performs an automatic test every three seconds to insure that ground fault protection is active; auto-ground clip; [light almond] [ivory] [white] color. RoHS Compliant.

15A PlugTail® NAFTA-Compliant Specification Grade Self-Test Combination Tamper-Resistant Night Light/GFCI Duplex Receptacles: Part No. PT1597NTLTRNAW; rated 15 amps, 125 volts; nylon face, body, and test/reset buttons; thermoplastic tamper-resistant shutter; PlugTail® right angle connector with six (6) inch #12 AWG THHN stripped, solid or stranded, copper leads; SafeLock® Protection performs an automatic test every three seconds to insure that ground fault protection is active; auto-ground clip; indicator light; Lexan® nightlight lens; white color. RoHS Compliant.

Specifier Note: Retain one or more colors and delete the others in brackets after Part No. and from description.

20A PlugTail® NAFTA-Compliant Specification Grade Self-Test Combination Tamper-Resistant Night Light/GFCI Duplex Receptacles: Part No. PT2097NTLTRNA[I][W]; rated 20 amps, 125 volts; nylon face, body, and test/reset buttons; thermoplastic tamper-resistant shutter; PlugTail® right angle connector with six (6) inch #12 AWG THHN stripped, solid or stranded, copper leads; SafeLock® Protection performs an automatic test every three seconds to insure that ground fault protection is active; auto-ground clip; indicator light; Lexan® nightlight lens; [ivory] [white] color. RoHS Compliant.

C.   Specification Grade Dead Front Self-Test GFCI Duplex Receptacles:

1.   General: Receptacles comply with UL 508, UL 943, Standard CSA C22.2 No. 14, and CSA C22.2 No. 144. Conforms to NEMA WD-1 and WD-6; cULus listed File Number E42190. RoHS Compliant.

Specifier Note: Retain one or more colors and delete the others in brackets after Part No. and from description.

20A Specification Grade Dead Front Self-Test GFCI Duplex Receptacles: Part No. 2087[LA][I][W][BK]; rated 20 amps, 125 volts; nylon face, body, and test/reset buttons; terminals accept #14 - #10 AWG solid or stranded copper or copper-clad conductors; SafeLock® Protection performs an automatic test every three seconds to insure that ground fault protection is active; auto-ground clip; indicator light; rated as a 1-1/2 HP motor control switch; [light almond] [ivory] [white] [black] color. RoHS Compliant.

D.   Hospital Grade Self-Test GFCI Duplex Receptacles:

1.   General: Receptacles comply with UL 498, UL 943, Federal Specification WC596, Standard CSA C22.2 No. 42, and CSA C22.2 No. 144. Conforms to NEMA WD-1 and WD-6; cULus listed File Number E42190. RoHS Compliant.

Specifier Note: Retain one or more colors and delete the others in brackets after Part No. and from description.

15A Hospital Grade Self-Test GFCI Tamper-Resistant Duplex Receptacles: Part No. 1597HGTR[LA][I][W][--][BK][GRY][RED]; rated 15 amps, 125 volts; nylon

face, body, and test/reset buttons; thermoplastic tamper-resistant shutter; terminals accept #14 - #10 AWG solid or stranded copper or copper-clad conductors; SafeLock**®** Protection performs an automatic test every three seconds to insure that ground fault protection is active; auto-ground clip; indicator light; [light almond] [ivory] [white] [brown] [black] [gray] [red] color. RoHS Compliant.

Specifier Note: Retain one or more colors and delete the others in brackets after Part No. and from description.

20A Hospital Grade Self-Test GFCI Tamper-Resistant Duplex Receptacles: Part No. 2097HGTR[LA][I][W][--][BK][GRY][RED]; rated 20 amps, 125 volts; nylon face, body, and test/reset buttons; thermoplastic tamper-resistant shutter; terminals accept #14 - #10 AWG solid or stranded copper or copper-clad conductors; SafeLock**®** Protection performs an automatic test every three seconds to insure that ground fault protection is active; auto-ground clip; indicator light; [light almond] [ivory] [white] [brown] [black] [gray] [red] color. RoHS Compliant.

Specifier Note: Retain one or more colors and delete the others in brackets after Part No. and from description.

15A Hospital Grade Self-Test GFCI Duplex Receptacles: Part No. 1597HG[LA][I][W][BK][GRY][RED]; rated 15 amps, 125 volts; nylon face, body, and test/reset buttons; terminals accept #14 - #10 AWG solid or stranded copper or copper-clad conductors; SafeLock**®** Protection performs an automatic test every three seconds to insure that ground fault protection is active; auto-ground clip; indicator light; [light almond] [ivory] [white] [black] [gray] [red] color. RoHS Compliant.

Specifier Note: Retain one or more colors and delete the others in brackets after Part No. and from description.

20A Hospital Grade Self-Test GFCI Duplex Receptacles: Part No. 2097HG[LA][I][W][--][BK][GRY][RED]; rated 20 amps, 125 volts; nylon face, body, and test/reset buttons; terminals accept #14 - #10 AWG solid or stranded copper or copper-clad conductors; SafeLock**®** Protection performs an automatic test every three seconds to insure that ground fault protection is active; auto-ground clip; indicator light; [light almond] [ivory] [white] [brown] [black] [gray] [red] color. RoHS Compliant.

15A Hospital Grade Self-Test GFCI Isolated Ground Tamper-Resistant Duplex Receptacles: Part No. 1597IGHGTRO; rated 15 amps, 125 volts; nylon face, body, and test/reset buttons; thermoplastic tamper-resistant shutter; terminals accept #14 - #10 AWG solid or stranded copper or copper-clad conductors; SafeLock**®** Protection performs an automatic test every three seconds to insure that ground fault protection is active; auto-ground clip; indicator light; orange color. RoHS Compliant.

Specifier Note: Retain one or more colors and delete the others in brackets after Part No. and from description.

20A Hospital Grade Self-Test GFCI Isolated Ground Tamper-Resistant Duplex Receptacles: Part No. 2097IGHGTR[LA][I][W][GRY][RED][O]; rated 20 amps, 125 volts; nylon face, body, and test/reset buttons; thermoplastic tamper-resistant shutter; terminals accept #14 - #10 AWG solid or stranded copper or

Project Name
Project Location

Project No.
16140-11

Date
Wiring Devices

copper-clad conductors; SafeLock**®** Protection performs an automatic test every three seconds to insure that ground fault protection is active; auto-ground clip; indicator light; [light almond] [ivory] [white] [gray] [red] [orange] color. RoHS Compliant.

Specifier Note: Retain one or more colors and delete the others in brackets after Part No. and from description.

15A Hospital Grade Self-Test Combination Tamper-Resistant Night Light/GFCI Duplex Receptacles: Part No. 1597HGNTLTR[I][W][--][RED]; rated 15 amps, 125 volts; nylon face, body, and test/reset buttons; thermoplastic tamper-resistant shutter; terminals accept #14 - #10 AWG solid or stranded copper or copper-clad conductors; SafeLock**®** Protection performs an automatic test every three seconds to insure that ground fault protection is active; auto-ground clip; indicator light; Lexan**®** nightlight lens; [ivory] [white] [brown] [red] color. RoHS Compliant.

Specifier Note: Retain one or more colors and delete the others in brackets after Part No. and from description.

20A Hospital Grade Self-Test Combination Tamper-Resistant Night Light/GFCI Duplex Receptacles: Part No. 2097HGNTLTR[LA][I][W][GRY][RED]; rated 20 amps, 125 volts; nylon face, body, and test/reset buttons; thermoplastic tamper-resistant shutter; terminals accept #14 - #10 AWG solid or stranded copper or copper-clad conductors; SafeLock**®** Protection performs an automatic test every three seconds to insure that ground fault protection is active; auto-ground clip; indicator light; Lexan**®** nightlight lens; [light almond] [ivory] [white] [gray] [red] color. RoHS Compliant.

Specifier Note: Retain one or more colors and delete the others in brackets after Part No. and from description.

15A Hospital Grade Self-Test Audible Alarm Tamper-Resistant GFCI Duplex Receptacles: Part No. 1597HGTRA[LA][--][GRY]; rated 15 amps, 125 volts; nylon face, body, and test/reset buttons; thermoplastic tamper-resistant shutter; terminals accept #14 - #10 AWG solid or stranded copper or copper-clad conductors; SafeLock**®** Protection performs an automatic test every three seconds to insure that ground fault protection is active; auto-ground clip; audible alarm; [light almond] [brown] [gray] color. RoHS Compliant.

Specifier Note: Retain one or more colors and delete the others in brackets after Part No. and from description.

20A Hospital Grade Self-Test Audible Alarm Tamper-Resistant GFCI Duplex Receptacles: Part No. 2097HGTRA[LA][I][W][RED]; rated 20 amps, 125 volts; nylon face, body, and test/reset buttons; thermoplastic tamper-resistant shutter; terminals accept #14 - #10 AWG solid or stranded copper or copper-clad conductors; SafeLock**®** Protection performs an automatic test every three seconds to insure that ground fault protection is active; auto-ground clip; audible alarm; [light almond] [ivory] [white] [red] color. RoHS Compliant.

Specifier Note: Retain one or more colors and delete the others in brackets after Part No. and from description.

20A NAFTA-Compliant Hospital Grade Self-Test Tamper-Resistant GFCI Duplex Receptacles: Part No. 2097HGTRNA[LA][I][W][RED]; rated 20 amps, 125 volts; nylon face, body, and test/reset buttons; thermoplastic tamper-resistant shutter;

terminals accept #14 - #10 AWG solid or stranded copper or copper-clad conductors; SafeLock**®** Protection performs an automatic test every three seconds to insure that ground fault protection is active; auto-ground clip; [light almond] [ivory] [white] [red] color. RoHS Compliant.

Specifier Note: Retain one or more colors and delete the others in brackets after Part No. and from description.

20A NAFTA-Compliant Hospital Grade Self-Test GFCI Duplex Receptacles: Part No. 2097HGNA[LA][I][W][--][GRY][RED]; rated 20 amps, 125 volts; nylon face, body, and test/reset buttons; terminals accept #14 - #10 AWG solid or stranded copper or copper-clad conductors; SafeLock**®** Protection performs an automatic test every three seconds to insure that ground fault protection is active; auto-ground clip; [light almond] [ivory] [white] [brown] [gray] [red] color. RoHS Compliant.

Specifier Note: Retain one or more colors and delete the others in brackets after Part No. and from description.

15A PlugTail**®** Hospital Grade Self-Test GFCI Duplex Receptacles: Part No. PT1597HG[LA][I][W][BK][RED]; rated 15 amps, 125 volts; nylon face, body, and test/reset buttons; PlugTail**®** right angle connector with six (6) inch #12 AWG THHN stripped, solid or stranded, copper leads; SafeLock**®** Protection performs an automatic test every three seconds to insure that ground fault protection is active; indicator light; auto-ground clip; [light almond] [ivory] [white] [black] [red] color. RoHS Compliant.

Specifier Note: Retain one or more colors and delete the others in brackets after Part No. and from description.

20A PlugTail**®** Hospital Grade Self-Test GFCI Duplex Receptacles: Part No. PT2097HG[LA][I][W][--][BK][GRY][RED]; rated 20 amps, 125 volts; nylon face, body, and test/reset buttons; PlugTail**®** right angle connector with six (6) inch #12 AWG THHN stripped, solid or stranded, copper leads; SafeLock**®** Protection performs an automatic test every three seconds to insure that ground fault protection is active; indicator light; auto-ground clip; [light almond] [ivory] [white] [brown] [black] [gray] [red] color. RoHS Compliant.

Specifier Note: Retain one or more colors and delete the others in brackets after Part No. and from description.

15A PlugTail**®** Hospital Grade Self-Test Tamper-Resistant GFCI Duplex Receptacles: Part No. PT1597HGTR[LA][I][W][BK][RED]; rated 15 amps, 125 volts; nylon face, body, and test/reset buttons; thermoplastic tamper-resistant shutter; PlugTail**®** right angle connector with six (6) inch #12 AWG THHN stripped, solid or stranded, copper leads; SafeLock**®** Protection performs an automatic test every three seconds to insure that ground fault protection is active; indicator light; auto-ground clip; [light almond] [ivory] [white] [black] [red] color. RoHS Compliant.

Specifier Note: Retain one or more colors and delete the others in brackets after Part No. and from description.

20A PlugTail**®** Hospital Grade Self-Test Tamper-Resistant GFCI Duplex Receptacles: Part No. PT2097HGTR[LA][I][W][BK][GRY][RED]; rated 20 amps, 125 volts; nylon face, body, and test/reset buttons; thermoplastic tamper-

resistant shutter; PlugTail® right angle connector with six (6) inch #12 AWG THHN stripped, solid or stranded, copper leads; SafeLock® Protection performs an automatic test every three seconds to insure that ground fault protection is active; indicator light; auto-ground clip; [light almond] [ivory] [white] [black] [gray] [red] color. RoHS Compliant.

Specifier Note: Retain one or more colors and delete the others in brackets after Part No. and from description.

15A PlugTail® Hospital Grade Self-Test Combination Tamper-Resistant Night Light/GFCI Duplex Receptacles: Part No. PT1597HGNTLTR[I][RED]; rated 15 amps, 125 volts; nylon face, body, and test/reset buttons; thermoplastic tamper-resistant shutter; PlugTail® right angle connector with six (6) inch #12 AWG THHN stripped, solid or stranded, copper leads; SafeLock® Protection performs an automatic test every three seconds to insure that ground fault protection is active; auto-ground clip; indicator light; Lexan® nightlight lens; [ivory] [red] color. RoHS Compliant.

Specifier Note: Retain one or more colors and delete the others in brackets after Part No. and from description.

20A PlugTail® Hospital Grade Self-Test Combination Tamper-Resistant Night Light/GFCI Duplex Receptacles: Part No. PT2097HGNTLTR[LA][I][W][GRY]; rated 20 amps, 125 volts; nylon face, body, and test/reset buttons; thermoplastic tamper-resistant shutter; PlugTail® right angle connector with six (6) inch #12 AWG THHN stripped, solid or stranded, copper leads; SafeLock® Protection performs an automatic test every three seconds to insure that ground fault protection is active; auto-ground clip; indicator light; Lexan® nightlight lens; [light almond] [ivory] [white] [gray] color. RoHS Compliant.

Specifier Note: Retain one or more colors and delete the others in brackets after Part No. and from description.

20A PlugTail® NAFTA-Compliant Hospital Grade Self-Test GFCI Duplex Receptacles: Part No. PT2097HGNA[I][W][GRY][RED]; rated 20 amps, 125 volts; nylon face, body, and test/reset buttons; PlugTail® right angle connector with six (6) inch #12 AWG THHN stripped, solid or stranded, copper leads; SafeLock® Protection performs an automatic test every three seconds to insure that ground fault protection is active; auto-ground clip; [ivory] [white] [gray] [red] color. RoHS Compliant.

Specifier Note: Retain one or more colors and delete the others in brackets after Part No. and from description.

20A PlugTail® NAFTA-Compliant Hospital Grade Self-Test Tamper-Resistant GFCI Duplex Receptacles: Part No. PT2097HGTRNA[I][W][GRY]; rated 20 amps, 125 volts; nylon face, body, and test/reset buttons; thermoplastic tamper-resistant shutter; PlugTail® right angle connector with six (6) inch #12 AWG THHN stripped, solid or stranded, copper leads; SafeLock® Protection performs an automatic test every three seconds to insure that ground fault protection is active; auto-ground clip; [ivory] [white] [gray] color. RoHS Compliant. 20A PlugTail® NAFTA-Compliant Hospital Grade Self-Test Combination Tamper-Resistant Night Light/GFCI Duplex Receptacles: Part No. PT2097HGNTLTRNAI;

rated 20 amps, 125 volts; nylon face, body, and test/reset buttons; thermoplastic tamper-resistant shutter; PlugTail® right angle connector with six (6) inch #12 AWG THHN stripped, solid or stranded, copper leads; SafeLock® Protection performs an automatic test every three seconds to insure that ground fault protection is active; auto-ground clip; indicator light; Lexan® nightlight lens; ivory color. RoHS Compliant.

2.4   USB CHARGING RECEPTACLES

Specifier Note: Retain as many of the following products as required for a specific project and delete the others.

A.   Quad USB Charging Receptacles:

1.   General: Receptacles comply with UL 1310 and cULus.

Specifier Note: Retain one or more colors and delete the others in brackets after Part No. and from description.

Quad USB Charging Receptacles: radiant® Part No. TM8USB4[LA][I][W][BK][NI]CC6; rated 4.2 amps, 125 volts AC/5 volts DC; includes four USB Type A charging ports; charges up to four mobile devices simultaneously; compatible with USB 2.0 and 3.0 devices; 4.2 amps total charging capacity; back and side terminals accommodate #14 AWG - #10 AWG stranded and solid copper wire; polycarbonate face and body; zinc-plated ground terminal screw; [light almond][ivory][white][black][nickel] finish and color; cULus and UL Listed.

B.   USB Chargers with Duplex Tamper-Resistant Receptacles:

1.   General: Receptacles comply with UL 498, UL 1310, CSA C22.2 No. 42, and CSA C22.2 No. 223. Receptacles are cULus listed.

Specifier Note: Retain one or more colors and delete the others in brackets after Part No. and from description.

Duplex USB Charging Receptacles: radiant® Part No. TM826USB[LA][I][W][BK][NI]CC6; rated 15 amps, 125 volts AC, NEMA Configuration 5-15R; charges two devices simultaneously while still using receptacles; compatible with USB 2.0 and 3.0 devices; 3.1 amps total charging capacity; tamper-resistant receptacles with patented dual mechanical shutter system with black "invisi-shutters" helps prevent insertion of foreign objects and meets NEC requirements for tamper-resistance; back and side terminals accommodate #14 AWG - #10 AWG stranded and solid copper wire; [light almond][ivory][white][black][nickel] finish and color; cULus and UL Listed; CSA Compliant.

C.   Weather-Resistant USB Chargers with Duplex Tamper-Resistant Receptacles:

1.   General: Receptacles comply with UL 498, UL 1310, CSA C22.2 No. 42, and CSA C22.2 No. 223. Receptacles are cULus listed.

Specifier Note: Retain one or more colors and delete the others in brackets after Part No. and from description.

2. Duplex USB Charging Receptacles: radiant**®** Part No. WRR26USBAC6[LA][I][W][BK][NI]CC6; rated 15 amps, 125 volts AC, NEMA Configuration 5-15R; charges two devices simultaneously while still using receptacles; compatible with USB 2.0 and 3.0 devices; 6.0 amps total charging capacity; tamper-resistant receptacles with patented dual mechanical shutter system with black "invisi-shutters" helps prevent insertion of foreign objects and meets NEC requirements for tamper-resistance. UL listed for weather resistance; back and side terminals accommodate #14 AWG - #10 AWG stranded and solid copper wire; [light almond][ivory][white][black][nickel] finish and color; cULus and UL Listed; CSA Compliant.

2.5   COMBINATION SWITCHES

Specifier Note: Retain as many of the following products as required for a specific project and delete the others.

A.   Two Single Pole Paddle Switches:

1.   General: Switches comply with UL 20. Switches are cULus listed.

Specifier Note: Retain one or more colors and delete the others in brackets after Part No. and from description.

Two Single Pole Paddle Switches: radiant® Part No. RCD11[LA][I][W][BK]; single-pole; rated 15 amps, 120 volts; impact-resistant face and body; full wraparound commercial grade metal straps with lock-in tabs; all screws are tri-drive; paddle switches feature a simple up and down motion, permitting easy on-off control; easy-to-use oversized main switch for primary load; back and side terminals accept #14 - #10 AWG stranded and solid copper wire; [light almond][ivory][white][black] color.

Specifier Note: Snap-in light module specified in the following subparagraph is sold separately. Delete text below if not required on a specific project.

a.   Snap-In Light Module: radiant® Part No. RCDLM locator light module snaps-in for easy installation; rated 15 amps, 120/125 VAC; lights when OFF; uses energy-efficient LED light; LED light will not generate heat and will last, on average, 47 years.

B.   Two Single Pole/3-Way Switches:

1.   General: Switches comply with UL 20. Switches are cULus listed.

Specifier Note: Retain one or more colors and delete the others in brackets after Part No. and from description.

Two Single Pole/3-Way Paddle Switches: radiant® Part No. RCD33[LA][I][W][BK][NICC6][DBCC6]; single-pole, 3-way; rated 15 amps, 120 volts; impact-resistant face and body; full wraparound commercial grade metal straps with lock-in tabs; all screws are tri-drive; paddle switches feature a simple up and down motion, permitting easy on-off control; easy-to-use oversized main switch for primary load; back and side terminals accept #14 - #10 AWG stranded and solid copper wire; [light almond] [ivory] [white] [black] [nickel] [dark bronze] finish and color.

Specifier Note: Snap-in light module specified in the following subparagraph is sold separately. Delete text below if not required on a specific project.

  a. Snap-In Light Module: radiant® Part No. RCDLM locator light module snaps-in for easy installation; rated 15 amps, 120/125 VAC; lights when OFF; uses energy-efficient LED light; LED light will not generate heat and will last, on average, 47 years.

 C. Two Single Pole Switches and Single Pole/3-Way Switch:

  1. General: Switches comply with UL 20. Switches are cULus listed.

Specifier Note: Retain one or more colors and delete the others in brackets after Part No. and from description.

  Two Single Pole Paddle Switches and Single Pole/3-Way Paddle Switch: radiant® Part No. RCD113[LA][I][W][BK];two single-pole paddle switches and one single pole/3-way paddle switch; rated 15 amps, 120 volts; impact-resistant face and body; provided with full wraparound commercial grade metal straps with lock-in tabs; all screws are tri-drive; switches feature a simple up and down motion, permitting easy on-off control; easy-to-use oversized main switch for primary load; back and side terminals accept #14 - #10 AWG stranded and solid copper wire; [light almond][ivory][white][black] color.

Specifier Note: Snap-in light module specified in the following subparagraph is sold separately. Delete text below if not required on a specific project.

  a. Snap-In Light Module: radiant® Part No. RCDLM locator light module snaps-in for easy installation; rated 15 amps, 120/125 VAC; lights when OFF; uses energy-efficient LED light; LED light will not generate heat and will last, on average, 47 years.

 D. Single Pole/3-Way Paddle Switch and 15A Tamper-Resistant Outlet:

  1. General: Switches comply with UL 20 and UL 498. Devices are cULus listed.

Specifier Note: Retain one or more colors and delete the others in brackets after Part No. and from description.

  Single Pole/3-Way Paddle Switch and 15A Tamper-Resistant Outlet: radiant® Part No. RCD38TR[LA][I][W][BK][NICC6][DBCC6]; one 3-way paddle switch and one 15 amp tamper-resistant outlet; rated 15 amps, 120/125 volts; NEMA configuration 5-15R; impact-resistant face and body; provided with full wraparound commercial grade metal straps with lock-in tabs; all screws are tri-drive; patented split circuit tab that is easily accessible and which can be reinstalled without the use of tools; paddle switches feature a simple up and down motion, permitting easy on-off control; easy-to-use oversized main switch for primary load; patented dual mechanical shutter system with black "invisi-shutters" helps prevent insertion of foreign objects; back and side terminals accept #14 - #10 AWG stranded and solid copper wire; [light almond] [ivory] [white] [black] [nickel] [dark bronze] finish and color.

Specifier Note: Snap-in light module specified in the following subparagraph is sold separately. Delete text below if not required on a specific project.

  a. Snap-In Light Module: radiant® Part No. RCDLM locator light module snaps-in for easy installation; rated 15 amps, 120/125 VAC; lights when OFF; uses energy-efficient LED light; LED light will not generate heat and will last, on average, 47 years.

2.6 FOUR-BUTTON TIMER SWITCHES

A. Four-Button Timer Switches: radiant® Part No. RT2[LA][I][W][BK]; rated 0-600W, 120 VAC, 60 Hz; manual ON/OFF; four preset countdown times of 60, 40, 20, and 10 minutes; pressing ON starts countdown from last selected preset; switch turns off connected light or fan when user-selected time expires; the active button LED flashes one minute before each time delay transition as a visual countdown of the transition; indicator light illuminates when switch is OFF; switch supports incandescent, fluorescent, compact fluorescent (CFL), magnetic low-voltage (MLV) and electronic low-voltage (ELV) lighting loads, and 1/6 hp loads; 5-year warranty; [light almond][ivory][white] [black] color; UL Listed.

2.7   PADDLE SWITCHES

A. Standard, Illuminated and Self-Grounding Paddle Switches:

1. General: Switches comply with UL 20 and CSA C22.2 111.

15A Single-Pole Switches: radiant® Part No. TM870[LA][I][W][--][BK][GRY][NICC10][DBCC10]; single-pole switch rated 15A, 120/277 VAC; designer-style, satin-finish rocker switch; high-impact resistant thermoplastic construction; narrow back body; extra-long, through-body strap; [light almond] [ivory] [white] [brown] [black] [gray] [nickel] [dark bronze] finish and color; UL listed and CSA compliant.

15A Single-Pole, Grounded, Illuminated Switches (Lighted When Off): radiant® Part No. TM870[LASL][ISL][WSL] single-pole switch rated 15A, 120/277 VAC; designer-style, satin-finish rocker switch; high-impact resistant thermoplastic construction; narrow back body; extra-long, through-body strap; [light almond][ivory] [white] color; UL listed and CSA compliant.

15A Self-Grounding Single-Pole Switches: radiant® Part No. TM870S[LA][I][W][--][BK]; single-pole switch rated 15A, 120/277 VAC; designer-style, satin-finish rocker switch; high-impact resistant thermoplastic construction; narrow back body; extra-long, through-body strap; [light almond] [ivory] [white] [brown] [black] color; UL listed and CSA compliant.

15A NAFTA-Compliant Self-Grounding Single-Pole Switches: radiant® Part No. TM870NA[LA][I][W][--][BK][GRY]; single-pole switch rated 15A, 120/277 VAC; designer-style, satin-finish rocker switch; high-impact resistant thermoplastic construction; narrow back body; extra-long, through-body strap; [light almond] [ivory] [white] [brown] [black] [gray] color; UL listed and CSA compliant.

15A, Three-Way Switch: radiant® Part No. TM873[LA][I][W][--][BK][GRY][NICC10][DBCC10]; 3-way switch rated 15A, 120/277 VAC; high-impact resistant thermoplastic construction; external screw-pressure plate back and side wired accepts #12 and #14 AWG stranded and copper wire; push wiring for #14 AWG stranded and copper; narrow back body; extra-long, through-body strap; easy-access green hex head ground screw; Tri-drive ground, terminal, and mounting screws; ON/OFF switches conform to NEC 430-104 requirements for kitchen and disposal units; [light almond] [ivory] [white] [brown] [black] [gray] [nickel] [dark bronze] finish and color; UL listed and CSA compliant.

15A, Three-Way Illuminated Self-Grounding Switches (Lighted When Off): radiant® Part No. TM873[LASL][ISL][WSL]; 3-way switch rated 15A, 120/277 VAC; high-impact resistant thermoplastic construction; external screw-pressure plate back and side wired accepts #12 and #14 AWG stranded and copper wire; push wiring for #14 AWG stranded and copper; narrow back body; extra-long, through-body strap; easy-access green hex head ground screw; Tri-drive ground, terminal, and mounting screws; ON/OFF switches conform to NEC 430-104 requirements for kitchen and disposal units; [light almond] [ivory] [white] color; UL listed and CSA compliant.

15A, Self-Grounding 3-Way Switches: radiant® Part No. TM873S[LA][I][W][--][BK]; 3-way switch rated 15A, 120/277 VAC; high-impact resistant thermoplastic construction; external screw-pressure plate back and side wired accepts #12 and #14 AWG stranded and copper wire; push wiring for #14 AWG stranded and copper; narrow back body; extra-long, through-body strap; easy-access green hex head ground screw; Tri-drive ground, terminal, and mounting screws; ON/OFF switches conform to NEC 430-104 requirements for kitchen and disposal units; [light almond] [ivory] [white] [brown] [black] color; UL listed and CSA compliant.

15A, Four-Way Switch: radiant® Part No. TM874[LA][I][W][--][BK][NICC6][DBCC6]; 4-way switch rated 15A, 120/277 VAC; high-impact resistant thermoplastic construction; external screw-pressure plate back and side wired accepts #12 and #14 AWG stranded and copper wire; push wiring for #14 AWG stranded and copper; narrow back body; extra-long, through-body strap; easy-access green hex head ground screw; Tri-drive ground, terminal, and mounting screws; ON/OFF switches conform to NEC 430-104 requirements for kitchen and disposal units; [light almond] [ivory] [white] [brown] [black] [nickel] [dark bronze] finish and color; UL listed and CSA compliant.

15A, Self-Grounding 4-Way Switches: radiant® Part No. TM874S[LA][I][W][--][BK]; 4-way switch rated 15A, 120/277 VAC; high-impact resistant thermoplastic construction; external screw-pressure plate back and side wired accepts #12 and #14 AWG stranded and copper wire; push wiring for #14 AWG stranded and copper; narrow back body; extra-long, through-body strap; easy-access green hex head ground screw; Tri-drive ground, terminal, and mounting screws; ON/OFF switches conform to NEC 430-104 requirements for kitchen and disposal units; [light almond] [ivory] [white] [brown] [black] color; UL listed and CSA compliant.

15A, 4-Way Lighted Switch: radiant® Part No. TM874[LASL][ISL][WSL]; 4-way switch rated 15A, 120/277 VAC; illuminated when OFF; high-impact resistant thermoplastic construction; external screw-pressure plate back and side wired accepts #12 and #14 AWG stranded and copper wire; push wiring for #14 AWG stranded and copper; narrow back body; extra-long, through-body strap; easy-access green hex head ground screw; Tri-drive ground, terminal, and mounting screws; [light almond] [ivory] [white] color; UL listed and CSA compliant.

2.8 PADDLE DIMMERS

Specifier Note: Retain as many of the following products as required for a specific project and delete the others.

Specifier Note: Retain one or more colors and delete the others in brackets after Part No. and from description.

A.   Tru-Universal Dimmer Incandescent, Halogen, ELV, MLV, LED, CFL, EFL: radiant® Part No. RH703PTU[TC][W]; preset single pole and 3-way operation; 120VAC, 60Hz; self-calibrating technology senses load type and auto sets the minimum voltage; forward or reverse (selectable) phase dimming control; constant memory returns lights to previous level after a power failure; white LED locator light; no derating required in multi-gang applications; works with virtually any dimmable lamp or load; Incandescent, Halogen & ELV: 700W, MLV: 50VA, LED/CFL: 450W (not compatible with 0-10V LED drivers), EFL: 5.5A; polycarbonate Lexan® construction; tri-color: [light almond] [ivory] [white]; [white] only; cULus listed and CSA compliant.

B.   0-10 V Dimmers:

   1.   General: Comply with UL 1472 and CSA-C22.2; cULus and UL listed.

Specifier Note: Retain one or more colors and delete the others in brackets after Part No. and from description.

   0-10V Dimmers: radiant® Part No. RH4FBL3P[TC][W]; preset single pole and 3-way operation; 120 or 277VAC, 60Hz; Rating: 30 mA Sink Current 10A & 120V and 5A @ 277V; constant memory returns lights to previous level after a power failure; adjustable dial allows users to trim the fixture; no derating required in multi-gang applications; white LED locator light; polycarbonate enclosure material; Incandescent, Halogen & ELV: 700W, MLV: 50VA, LED/CFL: 450W (not compatible with 0-10V LED drivers), EFL: 5.5A; polycarbonate Lexan® construction; tri-color: [light almond] [ivory] [white]; [white] only.

C.   Single Pole/3-Way LED/CFL/Incandescent Dimmers:

   1.   General: Comply with UL 1472; cULus listed and CSA compliant.

Specifier Note: Retain one or more colors and delete the others in brackets after Part No. and from description.

   Single Pole/3-Way LED/CFL/Incandescent Dimmers: radiant® Part No. RHCL453P[TC][W]; preset single pole and 3-way operation; 120VAC 60Hz; Rating: 450W LED & CFL; 700W Incandescent; constant memory returns lights to previous level after a power failure; CFL/LED dimmable-bulb compatible (with the exception of 0 – 10V LED drivers); adjustable dial allows users to adjust the bottom of the dimming range for a wide range of CFL and LED bulbs; no derating required in multi-gang applications; white LED locator light; polycarbonate Lexan® construction; tri-color: [light almond] [ivory] [white]; [white] only.

D.   Single Pole/3-Way Incandescent Dimmers, 700W:

   1.   General: Comply with UL 1472; cULus listed and CSA compliant.

Specifier Note: Retain one or more colors and delete the others in brackets after Part No. and from description.

   2.   Single Pole/3-Way Incandescent Dimmers: radiant® Part No. RH703P[TC][W]; preset single pole and 3-way operation; rating: 700W incandescent, 120 VAC, 60Hz; constant memory returns lights to previous level after a power failure; no derating required in multi-gang applications; white LED locator light; polycarbonate Lexan® construction; tri-color: [light almond] [ivory] [white]; [white] only.

E.   Single Pole/3-Way Incandescent Dimmers, 1100W:

1.   General: Comply with UL 1472; cULus listed and CSA compliant.

Specifier Note: Retain one or more colors and delete the others in brackets after Part No. and from description.

Single Pole/3-Way Incandescent Dimmers: radiant® Part No. RH1103P[TC][W]; preset single pole and 3-way operation; rating: 1100W incandescent, 120 VAC, 60Hz; constant memory returns lights to previous level after a power failure; no derating required in multi-gang applications; white LED locator light; polycarbonate Lexan® construction; tri-color: [light almond] [ivory] [white]; [white] only.

F.   Single Pole/3-Way Magnetic Low Voltage (MLV) Dimmers, 700 VA:

1.   General: Comply with UL 1472; cULus listed and CSA compliant.

Specifier Note: Retain one or more colors and delete the others in brackets after Part No. and from description.

Single Pole/3-Way MLV Dimmers: radiant® Part No. RHLV703P[TC][W]; preset single pole and 3-way operation; 120 VAC, 60Hz; rating: 700 VA; constant memory returns lights to previous level after a power failure; compatible with magnetic low voltage fixtures; adjustable dial permits users to adjust to the bottom of the dimming range; no derating required in multi-gang applications; white LED locator light; polycarbonate Lexan® construction; tri-color: [light almond] [ivory] [white]; [white] only;

Specifier Note: The following additional colors are available and sold separately. Retain one or more colors and delete the others in brackets as required.

a.   Face Colors: radiant® Part No. RHKIT[LA][I][W][BK][GRY][NI][DB]; [light almond] [ivory] [white] [black] [gray] [nickel] [dark bronze] finish and color.

G.   Single Pole/3-Way Magnetic Low Voltage (MLV) Dimmers, 1100 VA:

1.   General: Comply with UL 1472; cULus listed and CSA compliant.

Specifier Note: Retain one or more colors and delete the others in brackets after Part No. and from description.

Single Pole/3-Way MLV Dimmers: radiant® Part No. RHLV1103P[TC][W]; preset single pole and 3-way operation; 120 VAC, 60Hz; rating: 1100 VA; constant memory returns lights to previous level after a power failure; compatible with magnetic low voltage fixtures; adjustable dial permits users to adjust to the bottom of the dimming range; no derating required in multi-gang applications; white LED locator light; polycarbonate Lexan® construction; tri-color: [light almond] [ivory] [white]; [white] only.

Specifier Note: The following additional colors are available and sold separately. Retain one or more colors and delete the others in brackets as required.

a.   Face Colors: radiant® Part No. RHKIT[LA][I][W][BK][GRY][NI][DB]; [light almond] [ivory] [white] [black] [gray] [nickel] [dark bronze] finish and color.

H.   Single Pole/3-Way Fluorescent Dimmers:

1.   General: Comply with UL 1472; cULus listed and CSA compliant.

Specifier Note: Retain one or more colors and delete the others in brackets after Part No. and from description.

Single Pole/3-Way Fluorescent Dimmers: radiant® Part No. RHFB83P[TC][W]; preset single pole and 3-way operation; 120 VAC, 60Hz; rating: 8A; constant memory returns lights to previous level after a power failure; compatible with fluorescent ballasts; adjustable dial permits users to adjust to the bottom of the dimming range; no derating required in multi-gang applications; white LED locator light; polycarbonate Lexan® construction; tri-color: [light almond] [ivory] [white]; [white] only.

Specifier Note: The following additional colors are available and sold separately. Retain one or more colors and delete the others in brackets as required.

     a.   Face Colors: radiant® Part No. RHKIT[LA][I][W][BK][GRY][NI][DB]; [light almond] [ivory] [white] [black] [gray] [nickel] [dark bronze] finish and color.

     I.   Multi-Location Master Dimmers, Incandescent, CFL, LED, MLV:

     1.   General: Comply with UL 1472; cULus listed and CSA compliant.

Specifier Note: Retain one or more colors and delete the others in brackets after Part No. and from description.

Multi-Location Master Dimmers: radiant® Part No. HCL453PM[TC][W]; preset single pole and 3-way operation; 120 VAC, 60Hz; rating: 700W incandescent, 450W CFL and LED, 700 VA MLV; screw-pressure plate back wiring; no derating or fins to break; white LED locator light; polycarbonate Lexan® construction; tri-color: [light almond] [ivory] [white]; [white] only.

Specifier Note: The following additional colors are available and sold separately. Retain one or more colors and delete the others in brackets as required.

     a.   Face Colors: radiant® Part No. RHKIT[LA][I][W][BK][GRY][NI][DB]; [light almond] [ivory] [white] [black] [gray] [nickel] [dark bronze] finish and color.

     J.   Multi-Location Remote Master Dimmers, Incandescent, CFL, LED, MLV:

     1.   General: Comply with UL 1472; cULus listed and CSA compliant.

Specifier Note: Retain one or more colors and delete the others in brackets after Part No. and from description.

Multi-Location Remote Master Dimmers: radiant® Part No. HMR[TC][W]; preset single pole and 3-way operation; 120 VAC, 60Hz; screw-pressure plate back wiring; no derating or fins to break; white LED locator light; polycarbonate Lexan® construction; tri-color: [light almond] [ivory] [white]; [white] only.

Specifier Note: The following additional colors are available and sold separately. Retain one or more colors and delete the others in brackets as required.

     a.   Face Colors: radiant® Part No. RHKIT[LA][I][W][BK][GRY][NI][DB]; [light almond] [ivory] [white] [black] [gray] [nickel] [dark bronze] finish and color.

2.9   OCCUPANCY PASSIVE INFRARED (PIR) SENSORS

     A.   Occupancy Passive Infrared (PIR) Sensors:

     1.   Occupancy sensors use passive-infrared (PIR) sensor technology to automatically turn lights on and off when leaving a room; includes micro movement technology to manually turn lights on and off with a soft touch of the finger and occupancy sensor. The occupancy sensor has a maximum coverage range of 180 degrees and coverage area of 600 sq ft.

120V Single-Pole Occupancy Sensor: radiant® Part No. RRW600UTC; single-pole, two-wire occupancy sensor; rated 0-600W, 120 VAC, 60 Hz; tri-color (ivory, white, and light almond) color; lighted switch for visibility in darkened rooms; automatic-ON, manual-ON, and selectable auto/manual ON; 30 seconds-30 minutes time delay; neutral not required; low-profile styling with uniform color-matched lens and device; works with most common residential lighting types; UL Listed.

2.10   VACANCY PASSIVE INFRARED (PIR) SENSORS

A.   Vacancy Passive Infrared (PIR) Sensors:

1.   Vacancy sensors use passive-infrared (PIR) sensor technology to automatically turn lights on and off when leaving a room; includes micro movement technology to manually turn lights on and off with a soft touch of the finger and occupancy sensor. The vacancy sensor has a maximum coverage range of 180 degrees and coverage area of 600 sq ft.
120V Single-Pole Vacancy Sensor: radiant® Part No. RRW600VTC; single-pole, two-wire vacancy sensor; rated 0-600W, 120 VAC, 60 Hz; tri-color (ivory, white, and light almond) color; lighted switch for visibility in darkened rooms; automatic-ON, manual-ON, and selectable auto/manual ON; 30 seconds-30 minutes time delay; neutral not required; low-profile styling with uniform color-matched lens and device; works with most common residential lighting types; UL Listed.

2.11   NIGHT LIGHTS

Specifier Note: Retain as many of the following products as required for a specific project and delete the others.

A.   Night Light Devices:

1.   General: Devices comply with NEMA WD-1 and WD-6. Devices are cULus listed.

Specifier Note: Retain one or more colors and delete the others in brackets after Part No. and from description.

Night Lights with Two 15A Tamper-Resistant Receptacles and Adjustable Light Levels: radiant® Part No. NTL885TR[LA][I][W][BK][NI]CC6; rated 15 amps, 120/125 volts AC; NEMA Configuration 5-15R; hidden sensor automatically controls night light; five adjustable light settings, including OFF; two tamper-resistant receptacles; patented dual mechanical shutter system with black "invisi-shutters" helps prevent insertion of foreign objects and meets NEC requirements for tamper-resistance; optional louver included; back and side wire terminals accommodate #12 AWG and #14 AWG stranded and solid copper wire; push wire terminals accommodate #14 AWG; [light almond] [ivory] [white] [black] [nickel] finish and color.

Specifier Note: Retain one or more colors and delete the others in brackets after Part No. and from description.

Night Lights with Single Pole/3-Way Switch: radiant® Part No. NTL873[LA][I][W][BK][NI]CC6; rated 15 amps, 120/125 volts AC; hidden sensor automatically controls night light; five adjustable light settings, including OFF; back and side wire terminals accommodate #12 AWG and #14 AWG stranded and solid copper wire; push wire terminals accommodate #14 AWG; [light almond] [ivory] [white] [black] [nickel] finish and color.

Project Name
Project Location

Project No.
16140-23

Date
Wiring Devices

Specifier Note: Retain one or more colors and delete the others in brackets after Part No. and from description.

Full Night Lights: radiant® Part No. NTLFULL[TCCC6][WCC6]; rated 120/125 volts AC; hidden sensor automatically controls night light; five adjustable light settings, including OFF; back and side wire terminals accommodate #12 AWG and #14 AWG stranded and solid copper wire; push wire terminals accommodate #14 AWG; tri-color: [light almond] [ivory] [black]; [white] only.

2.12   FAN SPEED CONTROLS

A.   Fan Speed Controls:

1.   General: Devices comply with UL1472 and conform to NEMA WD-1 and WD-6. Devices are cULus listed and CSA certified.

Specifier Note: Retain one or more colors and delete the others in brackets after Part No. and from description.

2.   Fan Speed Controls: radiant® Part No. RHDH163P[TC][W]; rated 1.6 amps, 120 volts AC, 60Hz; polycarbonate enclosure; 3-speed fan control; preset, single pole and 3-way operation; combines ON/OFF paddle switch with separate slider for dimming control; white LED glows when device is OFF to make dimmer easy to find in the dark; tri-color: [light almond] [ivory] [white]; [white] only.

Specifier Note: The following additional colors are available and sold separately. Retain one or more colors and delete the others in brackets as required.

a.   Face Colors: radiant® Part No. RHKIT[LA][I][W][BK][GRY][NI][DB]; [light almond] [ivory] [white] [black] [gray] [nickel] [dark bronze] finish and color.

2.13   SCREWLESS WALL PLATES

A.   General: Single and combination types matching corresponding wiring devices.

Specifier Note: Screwless wall plates are available in one (1) through six (6) gang sizes to complement radiant™ switches, sensors, and receptacles.

B.   Wall Plates: Molded of .065" thick polycarbonate with .269" depth off the wall. Wall plates are 3/8" wider and higher than standard wall plates for greater tolerance in covering uneven openings in wall finish. Opening accommodates all NEMA 26 opening devices. Each wall plate is equipped with a one-piece subplate that mounts over devices; provide subplate with screws to align devices and ensure proper positioning of wall plate. Plates are screwless and snap onto the subplate. Wall plates are UL listed for compliance with UL 514D. Colors to match wiring devices.

Specifier Note: Retain as many of the following products as required for a specific project and delete the others.

Specifier Note: In the six following paragraphs, retain finish and color as required for a specific project and delete the others.

C.   One-Gang Screwless Wall Plate: radiant® Part No. RWP26[W][I][LA][BK][GRY][NICC6][DBCC6]; [Brown] [White] [Ivory] [Light Almond] [Black] [Gray] [Nickel] [Dark Bronze] finish and color.

D.   Two-Gang Screwless Wall Plate: radiant® Part No. RWP262[W][I][LA][BK][GRY][NICC6][DBCC6]; [Brown] [White] [Ivory] [Light Almond] [Black] [Gray] [Nickel] [Dark Bronze] finish and color.

E.   Three-Gang   Screwless   Wall   Plate: radiant®   Part   No. RWP263[W][I][LA][BK][GRY][NICC6][DBCC6]; [Brown] [White] [Ivory] [Light Almond] [Black] [Gray] [Nickel] [Dark Bronze] finish and color.

F.   Four-Gang   Screwless   Wall   Plate: radiant®   Part   No. RWP264[W][I][LA][BK][GRY][NICC6][DBCC6]; [Brown] [White] [Ivory] [Light Almond] [Black] [Gray] [Nickel] [Dark Bronze] finish and color.

G.   Five-Gang   Screwless   Wall   Plate: radiant®   Part   No. RWP265[W][I][LA][BK][GRY][NICC6][DBCC6]; [Brown] [White] [Ivory] [Light Almond] [Black] [Gray] [Nickel] [Dark Bronze] finish and color.

H.   Six-Gang   Screwless   Wall   Plate: radiant®   Part   No. RWP266[W][I][LA][BK][GRY][NICC6][DBCC6]; [Brown] [White] [Ivory] [Light Almond] [Black] [Gray] [Nickel] [Dark Bronze] finish and color.

PART 3 - EXECUTION

3.1   EXAMINATION

Specifier Note: Retain one (1) of the options in the first paragraph below and delete the other one.

A.   Examine conditions under which wiring devices and accessories are to be installed. Notify the [Architect/Engineer] [Construction Manager] in writing of conditions detrimental to proper completion of the work. Do not proceed with work until unsatisfactory conditions have been corrected.

3.2   INSTALLATION

A.   Strictly comply with manufacturer's installation instructions and recommendations. Coordinate installation with adjacent work to ensure proper clearances and to prevent electrical hazards.

B.   Repair wall finishes and remount outlet boxes when device plates do not fit flush or do not cover rough wall opening.

3.3   CLEANING AND PROTECTION

A.   Clean exposed surfaces using non-abrasive materials and methods recommended by manufacturer.

B.   Protect wiring devices and accessories until acceptance.

<div align="center">

END OF SECTION

</div>