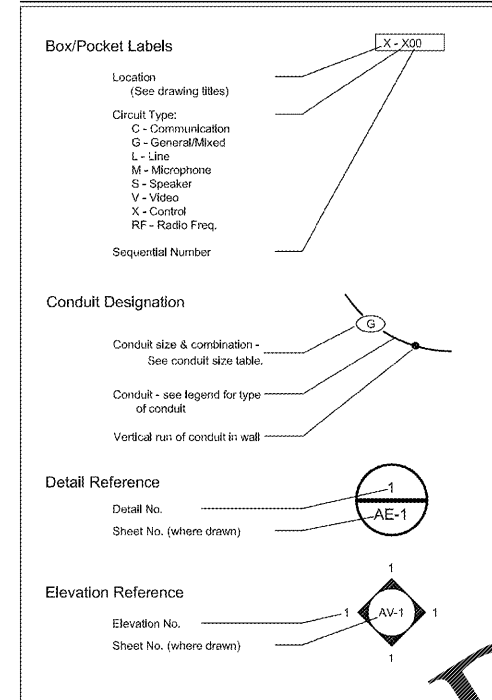


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Symbols & Nomenclature



General Notes

- #1 All conduits, boxes, raceways, junction boxes, pockets, device enclosures, etc. shall be provided and installed under the General Construction package and shall comply with all general electrical requirements.
- #2 All conduits shall be 3/4" diameter unless otherwise shown.
- #3 All conduit bends shall have a minimum radius of ten (10) times the trade size of the conduit.
Pull cords shall be provided, under the general construction package, in all conduit runs over twenty feet.
- #5 All backboxes for floor pockets and wall pockets shall be furnished and installed by Electrical Contractor under the general construction package.
- #6 All junction boxes shall be provided with solid covers. Flush mounted boxes shall have oversized covers and surface mounted boxes shall have same-sized covers.
- #7 As shown in the adjacent figure, orient floor pocket lids in the direction of Hinge Side as shown on drawings.
- #8 Unless otherwise dimensioned, noted, or shown in a detail drawing, all boxes and devices shall be reasonably located in the general area as shown on plan drawings.
- #9 Unless otherwise shown, all dimensions are to the center line of boxes or devices.
- #10 For 1 or 2 gang wall boxes in studded walls, use Type 1 Electrical Boxes (Raco 265) with appropriate mud ring.
- #11 For 3, 4 or 6 gang wall boxes in studded wall, use Type 2 Electrical Boxes (Raco 822, 823 or 825) with appropriate mud ring.
- #12 For all size wall boxes in masonry wall, use Type 3 Electrical Box (Raco 695, 696, 697, 698 or 965).

Conduit Legend - Low Voltage Systems

Symbol	Description	Back Box	Mounting	Comments
General				
	Conduit - concealed in walls or ceiling	N/A	N/A	
	Conduit - concealed under grade or slab	N/A	N/A	
	Wiring - not in conduit	N/A	N/A	
	Homerun - conduit or wiring	N/A	N/A	
	Conduit - Stub-out	N/A	Above Ceiling (Typical)	Stub out above ceiling unless otherwise noted.
	Conduit - Stub-up / Stub-down	N/A	N/A	
	Junction Box - wall mounted	See Box Schedule	See Box Schedule	
	Master Junction Box - wall mounted	See Box Schedule	See Box Schedule	See riser diagram for conduit connections.
	Junction Box - above ceiling	See Box Schedule	See Box Schedule	
	Master Junction Box - above ceiling	See Box Schedule	See Box Schedule	See riser diagram for conduit connections.
	Floor Pocket	As specified	In floor Flush	See Box Schedule for size & mounting.
	Floor Pocket - By Others	See E-Sheets	See E-Sheets	Floor Pocket or Poke-thru as provided under general electrical work. See E-Sheets.
	Device Enclosure - wall mounted	As specified	See Box Schedule	See Box Schedule for size & mounting.
	Ceiling Pocket	As specified	In Ceiling Flush	See Box Schedule for type, size, & mounting.
	Device Back Box - wall mounted	As specified	See Box Schedule	See Box Schedule for type, size, & mounting.
	Device Back Box - ceiling mounted	As specified	In Ceiling Flush	See Box Schedule for type, size, & mounting.

Audio/Video System

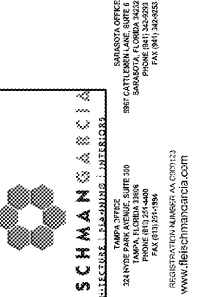
	General A/V Outlet - floor mounted	Floor outlet box	In Floor Flush	Digit indicates number of gang box; default is one gang ring.
	Speaker Outlet - floor mounted	Floor outlet box	In Floor Flush	Digit indicates number of gang box; default is one gang ring.
	General A/V Outlet - wall mounted	See Note #10, #11 and #12.	Outlet Hight Flush	Digit indicates gang number of plaster ring; default is one gang ring.
	Antenna Outlet - wall mounted	4 - 1 1/16" square, deep electrical box with plaster ring	See Plan Flush	Digit indicates gang number of plaster ring; default is one gang ring.
	Speaker Outlet - wall mounted	4 - 1 1/16" square, deep electrical box with plaster ring	See Plan Flush	Digit indicates gang number of plaster ring; default is one gang ring.
	Television Outlet - wall mounted	4 - 1 1/16" square, deep electrical box with plaster ring	16" below Clg Flush	Digit indicates gang number of plaster ring; default is one gang ring.
	Volume Control - wall mounted	4 - 1 1/16" square, deep electrical box with plaster ring	Switch Hight Flush	Digit indicates gang number of plaster ring; default is one gang ring.
	General A/V Outlet - ceiling mounted	4 - 1 1/16" square, deep electrical box with plaster ring	In Ceiling Flush	Digit indicates gang number of plaster ring; default is one gang ring.
	Antenna Outlet - ceiling mounted	4 - 1 1/16" square, deep electrical box with plaster ring	In Ceiling Flush	Digit indicates gang number of plaster ring; default is one gang ring.
	Speaker Outlet - ceiling mounted	4 - 1 1/16" square, deep electrical box with plaster ring	In Ceiling Flush	Digit indicates gang number of plaster ring; default is one gang ring.
	Television Outlet - ceiling mounted	4 - 1 1/16" square, deep electrical box with plaster ring	In Ceiling Flush	Digit indicates gang number of plaster ring; default is one gang ring.
	General A/V Outlet - above ceiling	4 - 1 1/16" square, deep electrical box with plaster ring	Above Ceiling Flush	Mount to nearest structure. Digit indicates gang number of plaster ring; default is one gang ring.
	Speaker - wall mounted	Back box depends on speaker type	See plan Flush	See spec for backbox manufacturer and model.
	Speaker - ceiling mounted	Back box depends on speaker type	In ceiling flush	See spec for backbox manufacturer and model.

Control System

	Control Outlet - floor mounted	Floor outlet box	In Floor Flush	Digit indicates number of gang box; default is one gang ring.
	Control Outlet - wall mounted	4 - 1 1/16" square, deep electrical box with plaster ring	Switch Hight Flush	Digit indicates gang number of plaster ring; default is one gang ring.
	Control Outlet - ceiling mounted	4 - 1 1/16" square, deep electrical box with plaster ring	In Ceiling Flush	Digit indicates number of plaster ring gangs.
	Control Outlet - wall mounted	4 - 1 1/16" square, deep electrical box with plaster ring	Above Clg Surface	Digit indicates number of plaster ring gangs.
	Control Panel - wall mounted	Custom; see specs	See Box Schedule	See Box Schedule for type, size, & mounting.

Intercom System

	Intercom Outlet - wall mounted	4 - 1 1/16" square, deep electrical box with plaster ring	Outlet Hight Flush	Digit indicates gang number of plaster ring; default is one gang ring.
	Intercom Station - wall mounted	Custom; see specs	Switch Height Flush	Digit indicates station type; see spec for backbox make and model.



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 04-15-2020

NO.	DATE	NOTES

SHEET NAME

A/V RACEWAYS LEGENDS

SHEET NUMBER
 EAV0.01