

Standard Technology Symbols

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Wall Mounted	Ceiling Mounted	Floor Box	Description of Cables and Services Required.
#D ▽	#D ⊙	#D ⊙	Data outlet – for an Ethernet device (computer, projector, etc.) # = number of CAT 6 (yellow) cables to pull.
#D@V ▽	#D@V ⊙	#D@V ⊙	Data outlet – for user’s computer or device and for a VoIP phone. # = number of CAT 6 (yellow) cables to pull. @ = number of VoIP phones to be installed – no cable pulls!
#D-AV ▽	#D-AV ⊙	#D-AV ⊙	Data outlet – with AV rough-in. # = number of CAT 6 (yellow) cables to pull.
#D-C ▽	#D-C ⊙	#D-C ⊙	Data outlet – for a security camera to be installed. # = number of CAT 6 (yellow) cables to pull.
#D-J ▽	#D-J ⊙	#D-J ⊙	Data outlet – mounted next to, or in, JCI’s node or other device. # = number of CAT 6 (yellow) cables to pull.
E ▽	E ⊙	E ⊙	Empty Conduit – a 1” conduit to double gang box only; no cable pulls! Rough-in only.
#T ▽	#T ⊙	#T ⊙	Telephone – for installation of an analog or digital Avaya phone. # = number of CAT 5E (grey) cables to pull (use more specific labels below instead if possible – use #D@V above for VoIP phones).
#T-A ▽	#T-A ⊙	#T-A ⊙	Telephone – for installation of an analog phone. # = number of CAT 5E (grey) cables to pull.
#T-F ▽	#T-F ⊙	#T-F ⊙	Telephone – for installation of a fax machine on an analog line. # = number of CAT 5E (grey) cables to pull.
#T-W ▽			Telephone – for wall mounted analog phone. # = number of CAT 5E (grey) cables to pull. Box height ~48”? Must meet ADA requirements.
W-6A ▽	W-6A ⊙	W-6A ⊙	Wireless Access Point – for installation of WAP. Pull one (1) CAT 6A (blue) cable to the location.
W-6 ▽	W-6 ⊙	W-6 ⊙	Wireless Access Point – for installation of WAP. Pull one (1) CAT 6 (yellow) cable to the location.
R			FeliCa Credential Reader – for door access. Pull one (1) SmartCable per door (thick yellow) to junction box above door, split, run appropriate wires to door components – see provided detail.
DPS			Door Position Switch – for door access. Uses same SmartCable as reader. DPS is generally located above door and is triggered when the door is even slightly ajar. This is mandatory.

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REX			Request to Exit – for door access. Uses same SmartCable as reader. REX is in the panic device (bar or handle) to open the door when locked. (Mandatory) Motion sensors not allowed!
DRS			Dogged Report Switch – switch triggered when the door is dogged open. Allen wrench dogging should be avoided in favor of a keyed dogging device. See provided detail if installed. (Optional)
EML			Electronic Mortice Lock – contained within the door itself, the bolt is retracted via solenoid or motor to allow the door to be opened. (Mandatory)
EST			Electronic Strike – contained in the doorframe, the strike opens when electrified. The University strongly prefers not to use electronic strikes especially in new construction. Use EML instead.
ARM			Area of Rescue Master Unit – the master Area of Rescue unit. Pull one (1) CAT 5E (grey) cable to box. One (1) cable must also be run from every Slave unit to this box.
ARS			Area of Rescue Slave Unit – pull one (1) CAT 5E (grey) cable from this box to the ARM (Area of Rescue Master Unit). No cables need be pulled from a Slave to the telecom closet.