

Installation Overview for View Controls, Software and Services (CSS)



Responsibilities: Installation Scope of Each Trade

View responsibilities:

1. Shipment of IGUs, control system, programming and commissioning.
2. Assign a View Project Manager that will guide the project team successfully through the project from kickoff to closeout.
3. Provide all product documentation including IGU, roof sensor, control panel, window controller, and wiring datasheets.
4. Provide Preliminary Interconnect and Final Interconnect Drawings.
5. Provide training on proper installation of all View equipment and best practices.
6. Provide IGU and control system shipments on committed ship dates.
7. Mobilize Field Service Engineers (FSE) to perform final commissioning.
8. Mobilize Customer Success Manager (CSM) to work directly with end user during the construction phase and end phase to customize system and provide occupant training.
9. Provide a turnover package and operations training.
10. Provide warranty, support and service.

Glazing Contractor responsibilities:

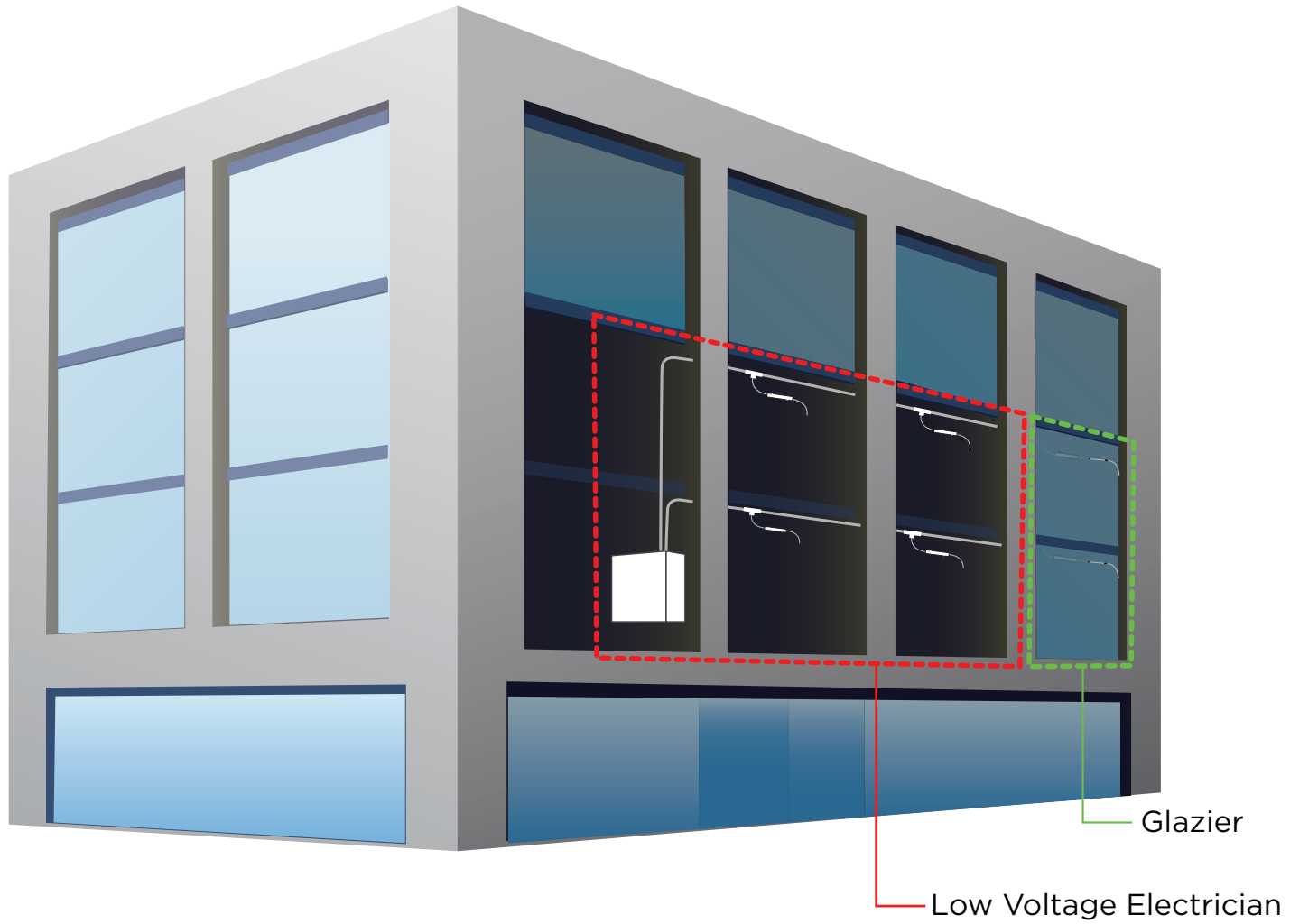
1. Provide shop drawings of View Smart Glass locations as specified by the architect.
2. Provide the final IGU sizes and makeup, IGU cable lengths and routing in the glazing system, phased shipment schedule, and packaging needs.
3. Provide Mark IDs for all IGU sizes.
4. Approve location of Smart Window Connector and routing of IGU cables in glazing system as specified in View glazier integration drawings.
5. Provide safe and secure storage of View materials until building is ready for installation.
6. IGU installation in facade with IGU cable stubbed out to agreed upon accessible location for easy hand-off to the low-voltage contractor or electrical contractor (Do not deviate from drawings without approval from View PM).
7. Label all IGU cables per View interconnect drawing. Glazier is responsible for testing each IGU during fabrication process using the GTT (glazier test tool), provided by View. Follow testing protocols found in the Glazier Quick Start Guide on View's website.
8. Label each IGU cable with green "TESTED" label (green "TESTED" labels provided by View).
9. Provide glazier support during View functional hardware testing and commissioning phase.
10. Do NOT field splice IGU cables or Smart Window Connectors.

Low-Voltage or Electrical Contractor responsibilities:

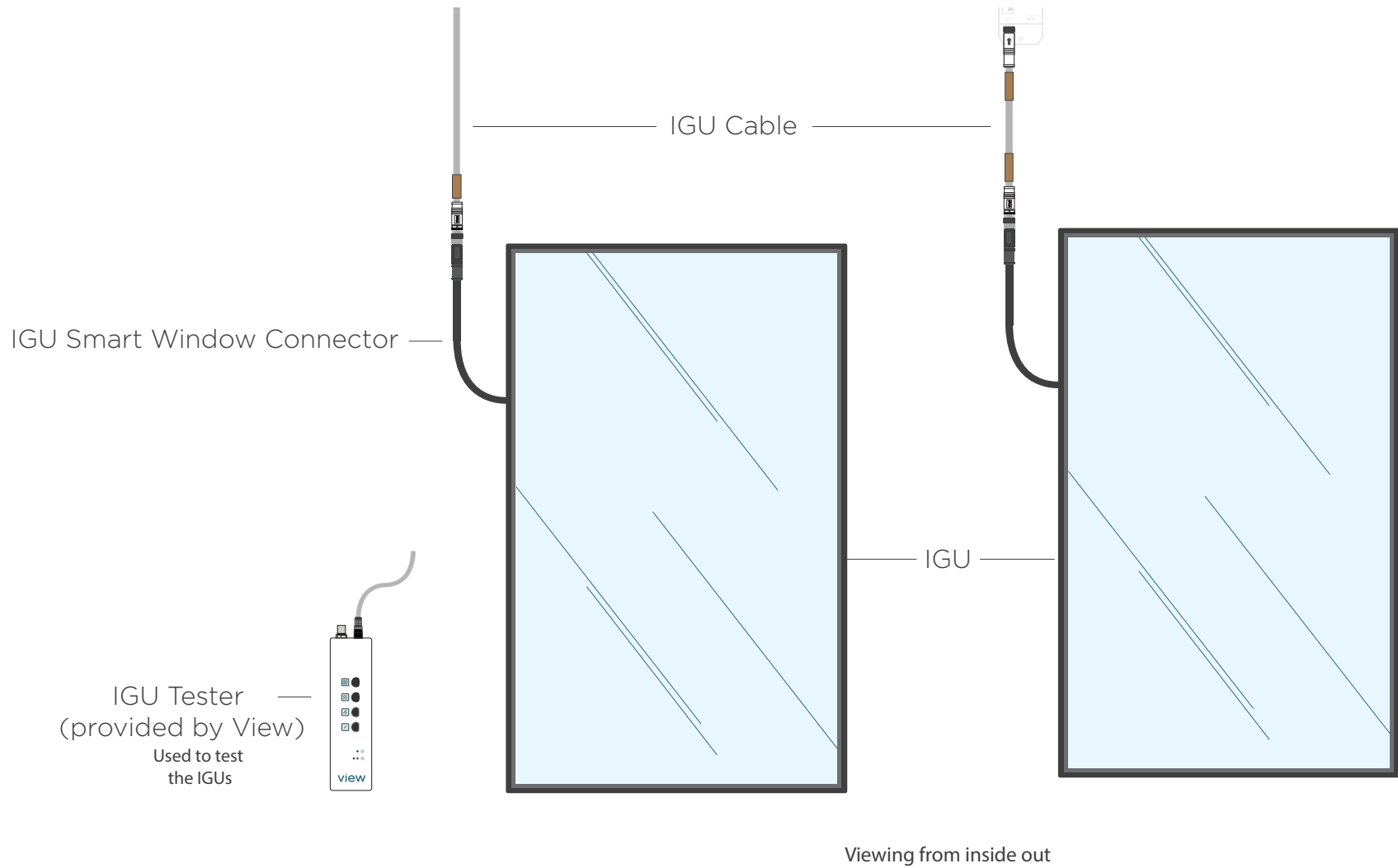
1. Based on View's design guidelines and data sheets, assist View with defining locations and routing of View control system including:
 - Control panels
 - Trunk cables
 - Power Insert cables
 - Splitters
 - Drop cables
 - Window controllers
 - IGU cables
 - Sky Sensor
 - Network connection cables
2. Provide final lengths of all cabling based on View's Preliminary Interconnect Drawing that will result in the Bill of Materials (BOM).
3. Define any phased delivery requirements based on the construction schedule.
4. Take delivery and provide safe and secure storage of View materials until building is ready for installation.
5. Installation of the following per View interconnect drawings (Do not deviate from drawings without approval from View PM):
 - Control panels
 - Trunk cables
 - Power Insert cables
 - Splitters
 - Drop cables
 - Window controllers
 - IGU cables
 - Sky Sensor
 - Network connection cables
 - Cell modem

6. All building penetrations, coring, raceways and sleeves necessary to accommodate View control cables. This work should be coordinated with glazing contractor and GC in accordance with local building codes.
7. If IGU cable needs to be extended, Low-Voltage or Electrical contractor shall test and label all IGUs using GTT (glazier test tool), see GTT guide for labeling protocol.
8. Labeling all trunk lines, power insert lines and IGU cables per View interconnect drawing.
9. Perform all Functional Hardware Testing prior to deployment of View FSE (Field Service Engineer).
10. Provide field support as needed during commissioning phase including, repairing items identified by the View FSE during commissioning phase. Any billable hours for troubleshooting should be coordinated with the General Contractor (GC).
11. Keep track of all cable and equipment changes including lengths, locations and cable pathways. Provide accurate redline drawings to View Project Manager at completion of project.
12. Electrician to provide stable power prior to functional hardware testing and commissioning.
13. All network cabling and connections between View equipment and customer network. If distance between View control panels exceeds 100-meters, fiber is required (i.e. control panels and sky sensor).
14. Some Union projects require the Low-Voltage contractor to install the IGU cables in the glazing system, check with the View project manager prior to bidding.
15. Do NOT field splice IGU cables or Smart Window Connectors.

Glazier scope (in green) and LVE scope (in red)



Basic components for Glaziers



Glazier Resources

Click here for training resources



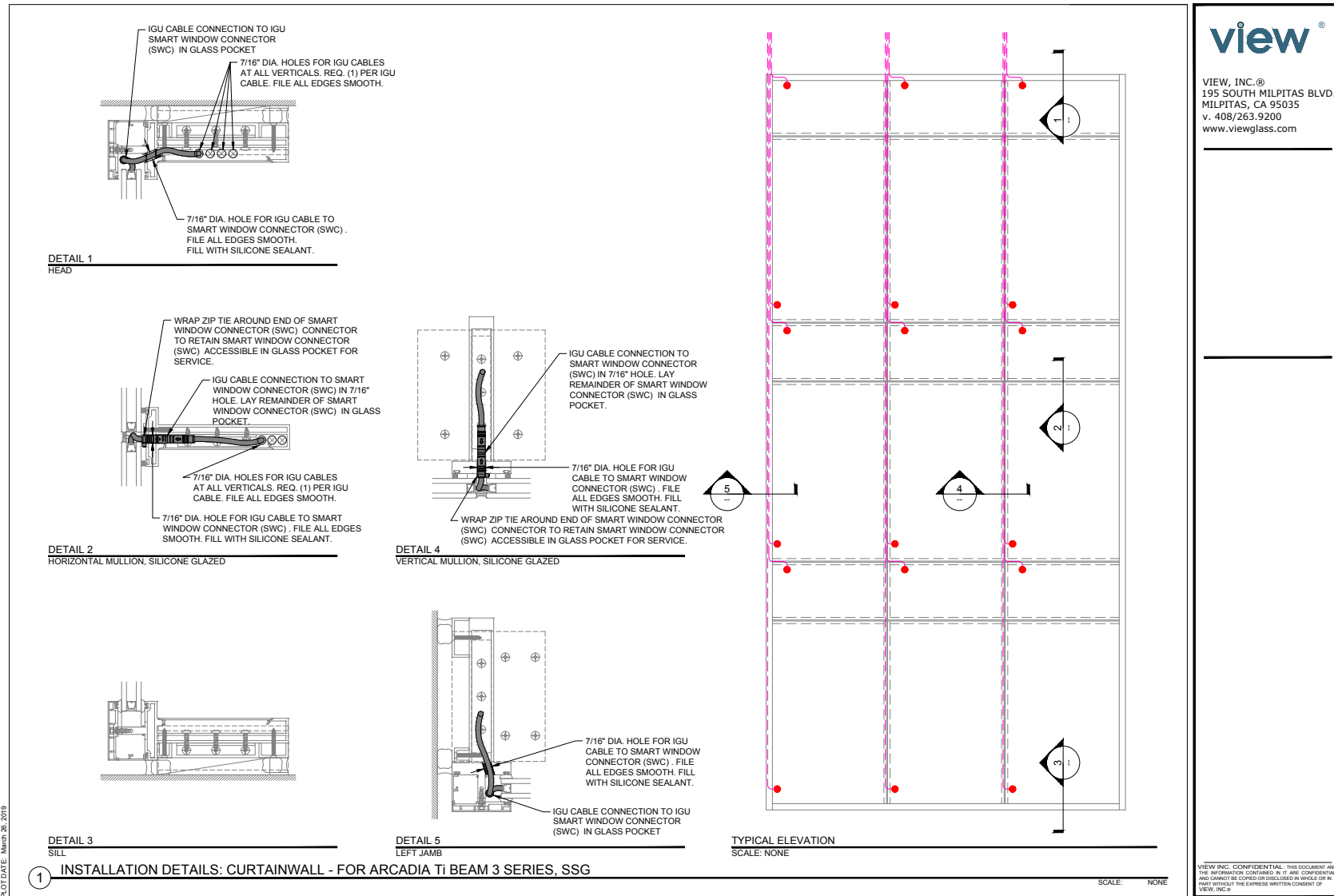
Glazing Installation Labor Estimate Example

Below is a table showing an example IGU quantity for a 10,000 sq. ft. (glass area) building. Also shown are the expected additional installation labor minutes per IGU and extended total labor hours accounting for the total number of IGUs. This additional installation time is related to the glazier preparing the IGU frames by drilling holes, deburring hole edges, inserting silicone grommets, and sealing penetrations with silicone as needed to route IGU cable per View interconnect drawings. Glazier is also responsible for labeling IGU cables per View interconnect drawing. In this example, we are using \$100.00/hour for the labor rate. We suggest using local market labor rates for this project.

For this example, the IGU and Smart Window Connector are shown in the chart below. The IGU Smart Window Connector will be connected to the IGU cable by the glazing contractor and needs to be made accessible for the LV Electrician.

DEVICE/ITEM	QTY	LABOR MINUTES PER DEVICE	ESTIMATED TOTAL LABOR HOURS	LABOR RATE	TOTAL
IGU	500	45	375	\$100.00	\$37,500.00

Glazier Shop Drawings



PLOT DATE: March 26, 2019

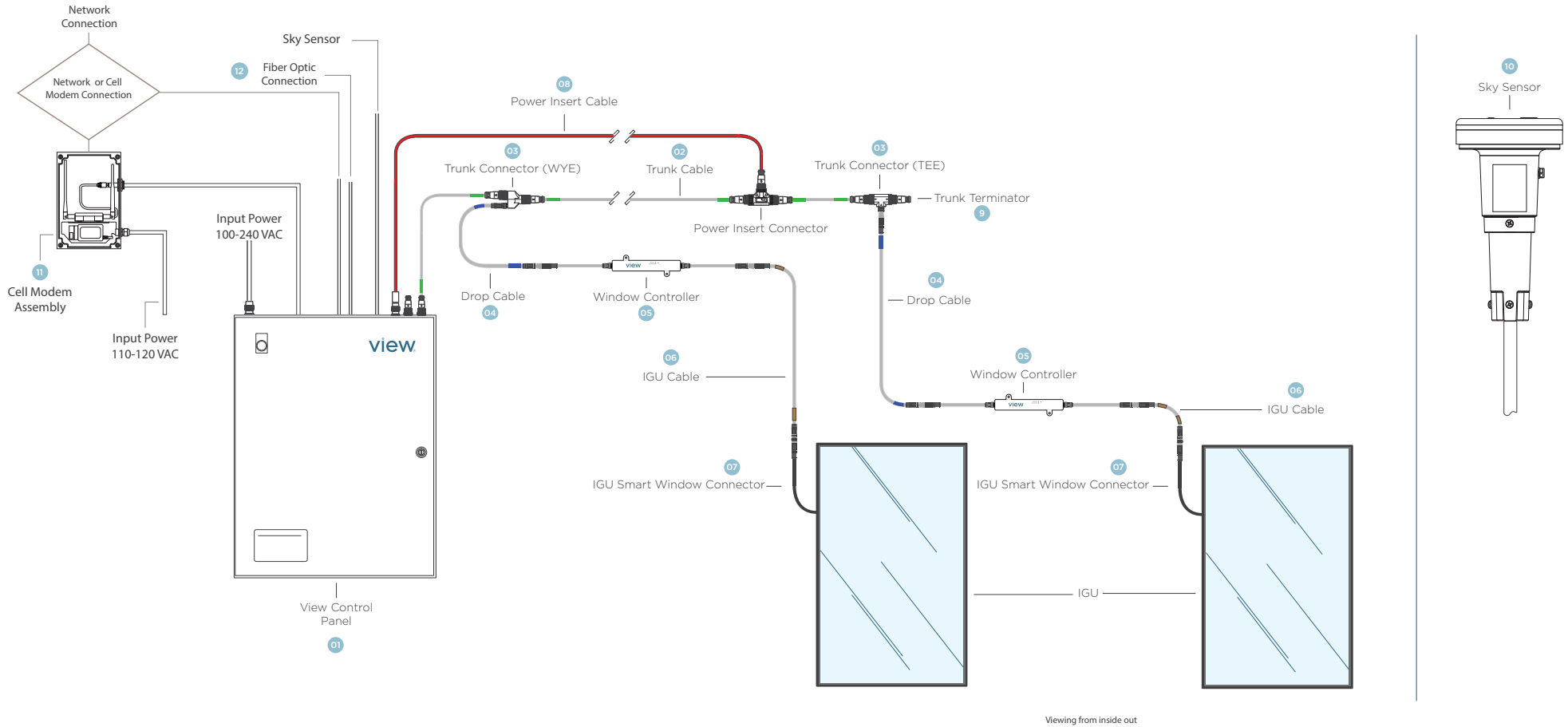
Low Voltage Electrician Resources



Click here for training resources

← → ↻ 🏠 <https://view.com/training/low-voltage-electricians>

Components of View Control System without Dropbox



Basic Control System Components Descriptions

Cabling System

The View cabling system uses a trunk line/drop line network topology. In this topology, the trunk cable carries both power and data through the entire length of the installation. Drop cables are then tapped off of the trunk cable using trunk connectors at locations where window controllers are installed. The window controllers are then connected to individual IGU units via an IGU cable. Note: Component data sheets will supersede the information found here.

01 Control Panel

Wall-mounted enclosure (21" x 29" x 9") that contains the power supplies, master controller, as well as auxiliary connections such as Ethernet and external sensors. At least one control panel is required for each installation. Each control panel can support up to 256 window controllers. For larger or multi-floor installations, multiple control panels may be required. Each Control Panel requires a dedicated 20-amp circuit (20-amp@120 VAC or 10-amp @240VAC).

Specifications for Control Panel:

Input	AC 100-240V \pm 15%
Frequency	50-60 Hz \pm 6%
Output	Class 2 24 VDC

02 Trunk Cable

Pre-terminated cables fitted with 7/8", 5-pin connectors. Simple, hand-screw connection with no special tools required.

Specifications for Trunk Cabling:

- Max combined length approx. 1,500'
- Available in lengths from 1' to 160' (meter or fractional meter increments)
- Available in standard and plenum rated cables

03 Trunk Connectors

Used to connect drop cables to the trunk cable. Connectors available in both "Tee" and "Wye" configurations for installation flexibility.

04 Drop Cable

Provides power and data to the window controller. Ties into the trunk cable via the trunk connector.

Specifications for Drop Cabling:

- Available in lengths from 1' to 32.9' (meter or fractional meter increments)
- Available in standard and plenum rated cables

05 Window Controller

Facilitates power transmission to each IGU. Connected to a drop cable on one end and an IGU cable on the other end. Must be installed at an accessible, environmentally-controlled location. Typically one window controller is installed per IGU.

Specifications for Window Controllers:

Input	24 VDC
Output	Range between \pm 5 VDC
Dimensions	4-5/8" x 3/4" x 3/4"

06 IGU Cable

Connects a window controller to the IGU Smart Window Connector cable.

Specifications for IGU Cabling:

- Available in lengths from 1' to 100' (meter or fractional meter increments)
- Available in standard and plenum rated cables
- Max combined length from the WC to the IGU is 100'

07 IGU Smart Window Connector

Each IGU receives power from the control system through an IGU Smart Window Connector. The Smart Window Connector connector is embedded with a digital ID that is unique to that IGU's dimensions and specifications.

Specifications for IGU Smart Window Connector:

- -15" length located 3" from corner. Location changes based on shape and dimensions. See IGU data sheet for exact location.
- Requires 7/16" hole size

08 Power Insert Cable

Transmits power from a power source to the trunk line via a

power insert connector. The power insert cable is 14/4 wire (14-AWG/4-conductor) spool options.

For long trunk lines, power inserts may be required to provide appropriate power. The power inserts can originate from:

1. Power output ports from the control panel
2. Standalone power injection panel (not shown in diagram)

Specifications for Power Insert Cabling:

- Field wireable power insert cables available in up to 1,000' spools
- One power insert is typically required after every (24) window controller connections
- All power insert cables are plenum rated

09 Trunk Terminator

Installed at the end of each trunk line and also all unused trunk ports at the View control panel.

10 Sky Sensor

Used to detect external light and infrared levels. Data from the sensor is transmitted to the control panel for Intelligence. It is typically mounted on the roof top.

Specifications for Sky Sensor:

- Connects to View control panel via CAT5 cable
- Mounts to rooftop, must be clear of obstructions, 360-degree view of the horizon

11 Cell Modem

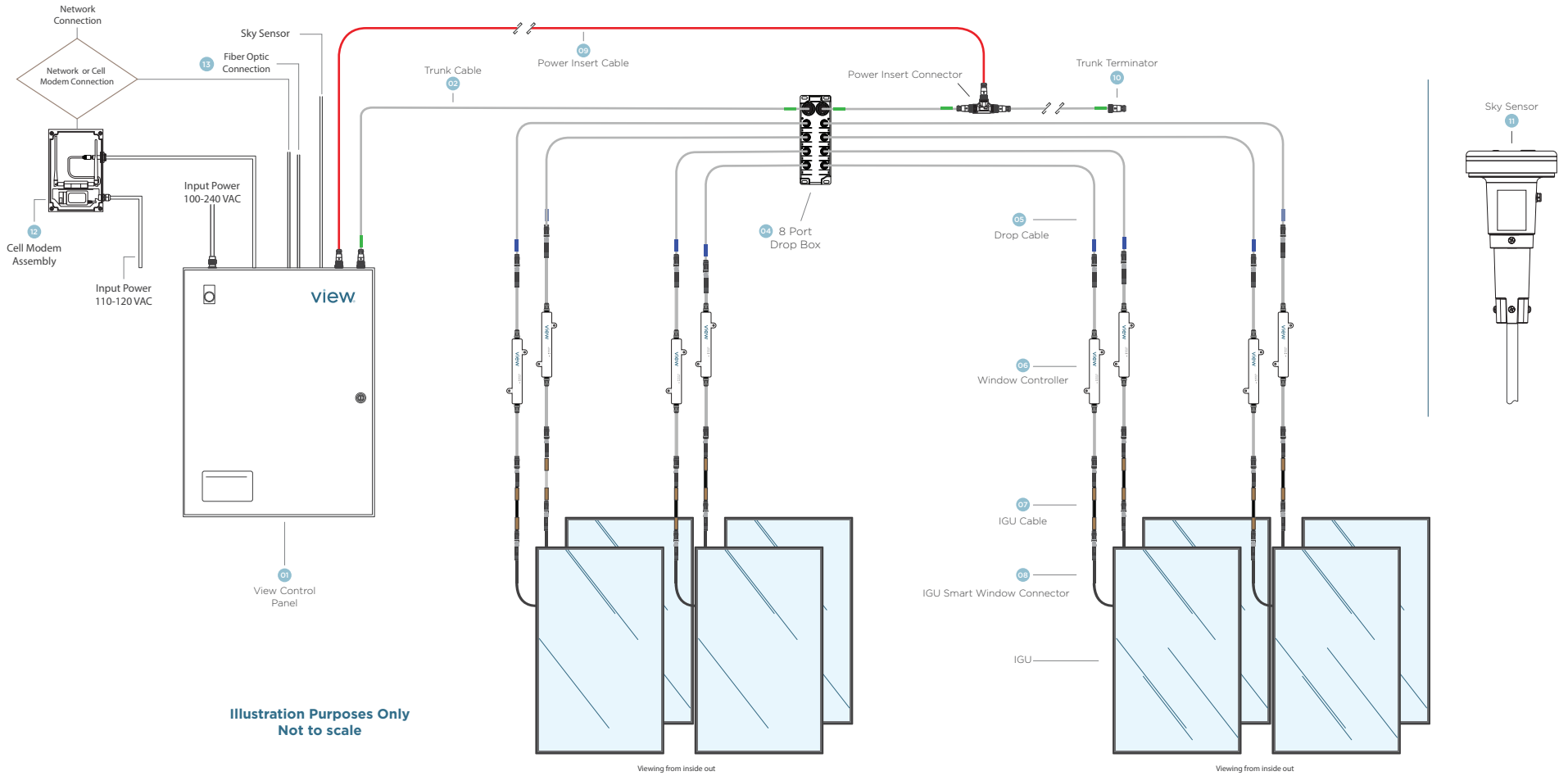
Used as a temporary network connection to the View Site Ops monitoring system. Requires 110/120VAC 60Hz.

12 Fiber Kit

For connection of multiple control panels on a site: 2 Optional Fiber-optic kits are available for network connectivity greater than 328'.

- Multi Mode fiber for distances greater than 328' but less than 1500 feet.
- Single Mode fiber for distances greater than 1500 feet.
- Maximum 2 Fiber Kits per Control Panel.

Components of View Control System with Dropbox



Basic Control System Components Descriptions

Cabling System

The View cabling system uses a trunk line/drop line network topology. In this topology, the trunk cable carries both power and data through the entire length of the installation. Drop cables are then tapped off of the trunk cable using trunk connectors at locations where window controllers are installed. The window controllers are then connected to individual IGU units via an IGU cable. **Note:** Component data sheets will supersede the information found here.

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- Available in lengths from 1' to 160' (meter or fractional meter increments)
- Available in standard and plenum rated cables

03 8-Port Drop Box

A network distribution component used to connect multiple Drop Cables to a Trunk Line. The distribution component will have 8 Drop Cable connection ports.

04 Drop Cable

Provides power and data to the window controller. Ties into the trunk cable via the trunk connector.

Specifications for Drop Cabling:

- Available in lengths from 1' to 32.9' (meter or fractional meter increments)
- Available in standard and plenum rated cables

05 Window Controller

Facilitates power transmission to each IGU. Connected to a drop cable on one end and an IGU cable on the other end. Must be installed at an accessible, environmentally-controlled location. Typically one window controller is installed per IGU.

Specifications for Window Controllers:

Input	24 VDC
Output	Range between \pm 5 VDC
Dimensions	4-5/8" x 3/4" x 3/4"

06 IGU Cable

Connects a window controller to the IGU Smart Window Connector cable.

Specifications for IGU Cabling:

- Available in lengths from 1' to 100' (meter or fractional meter increments)
- Available in standard and plenum rated cables
- Max combined length from the WC to the IGU is 100'

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Each IGU receives power from the control system through an IGU Smart Window Connector. The Smart Window Connector connector is embedded with a digital ID that is unique to that IGU's dimensions and specifications.

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1. Power output ports from the control panel
2. Standalone power injection panel (not shown in diagram)

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- Field wireable power insert cables available in up to 1,000' spools
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Installed at the end of each trunk line and also all unused trunk ports at the View control panel.

10 Sky Sensor

Used to detect external light and temperature levels. Data from the sensor is transmitted to the control panel for Intelligence. It is typically mounted on the roof top.

Specifications for Sky Sensor:

- Connects to View control panel via CAT5 cable
- Mounts to rooftop, must be clear of obstructions, 360-degree view of the horizon

11 Cell Modem

Used as a temporary network connection to the View Site Ops monitoring system. Requires 110/120VAC 60Hz.

12 Fiber Kit

For connection of multiple control panels on a site: Two optional fiber-optic kits are available for network connectivity greater than 328'.

- Multi Mode fiber for distances greater than 328' but less than 1500 feet.
- Single Mode fiber for distances greater than 1500 feet.
- Maximum 2 Fiber Kits per Control Panel.

General Notes

1. VIEW, INC. IS NOT RESPONSIBLE FOR CONNECTION / HANDLING ERRORS BY OTHERS.
 2. WINDOW CONTROL PANEL(S) SHALL BE INSTALLED AT LOCATION AS SHOWN ON THE DRAWINGS.
 3. ALL WORK SHALL BE IN ACCORDANCE WITH ALL LOCAL, STATE AND NATIONAL CODES.
 4. GENERAL LAYOUT SHOWN SHALL BE FOLLOWED, EXCEPT WHERE OTHER WORK MAY CONFLICT WITH DRAWINGS.
 5. ALL EXPOSED EQUIPMENT AND PANELS MOUNTED IN OR ON EXTERIOR WALL SHALL BE WEATHER RESISTANT AND RAIN TIGHT.
 6. WHERE ELECTRICAL RECEPTACLES, ELECTRICAL DISTRIBUTION PANELS OR ELECTRICAL SWITCHES ARE INDICATED, IT IS FOR THE PURPOSE OF LOCATION AND COORDINATION.
 7. ALL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS.
 8. IF CONDUIT IS REQUIRED, INSTALL BY APPLICABLE CODE AND AUTHORITY HAVING JURISDICTION (AHJ) REQUIREMENTS. (3/4" DIA. MIN.)
 9. ALL SYSTEM COMPONENT LOCATIONS AND CORD SET LENGTHS SHALL BE DETERMINED AND VERIFIED BY CONTRACTOR PRIOR TO ORDERING FROM VIEW, INC.
 10. INTERCONNECT DIAGRAMS ARE NOT TO SCALE.
 11. CORD SETS ARE PRE-TERMINATED WITH CONNECTORS. FEMALE CONNECTORS LEAD FROM WINDOW CONTROL PANEL. MALE CONNECTORS FACE TOWARD WINDOW CONTROL PANEL. OBSERVE GENDER WHEN INSTALLING.
 12. TRUNK AND POWER CABLE CONNECTORS ARE 1.06"Ø X 1 7/8" LONG. ALLOW FOR ADEQUATE PENETRATION OR CONDUIT SIZE. CABLE SIZE 7/8"Ø NOMINAL.
 13. INSTALLER SHALL PROVIDE CABLE HANGERS, J-HOOK OR OPEN BRIDLE RINGS EVERY 4 FEET (MAX SPACING) TO SUPPORT TRUNK, POWER OR IGU CABLES. (1M MAXIMUM IN CANADA)
 14. INSTALLER SHALL PROVIDE J-HOOK (MIN 2" LOOP) AT WALL MOUNTED WINDOW CONTROLLER LOCATIONS TO COIL SLACK IGU CABLES. DO NOT HANG SLACK FROM WINDOW CONTROLLER. NEATLY COIL AND HANG SLACK. VELCRO WRAP PREFERRED. DO NOT PINCH CABLES.
 15. ALL CONNECTIONS TO BE MADE HAND TIGHT ONLY. DO NOT USE TOOLS TO TIGHTEN CONNECTORS.
 16. PROVIDE GROMMETS AT FRAME PENETRATIONS TO AVOID CABLE DAMAGE. FILE ALL ROUGH OPENINGS SMOOTH - NO SHARP EDGES. PROVIDE RELIEF CUT IN FRAMING TO AVOID DAMAGE TO CORD SET AND/OR SMART WINDOW CONNECTOR (SWC).
 17. SKY SENSOR SHALL BE MAST MOUNTED ON ROOF. ELEVATE SENSOR HEIGHT AS REQUIRED TO OBTAIN CLEAR LINE OF SIGHT TO HORIZON FOR OPTIMUM SYSTEM PERFORMANCE.
 18. THE FOLLOWING ITEMS ARE REFERENCED IN THIS DRAWING, BUT ARE NOT INCLUDED BY VIEW IN CONTRACT AND SHALL BE PROVIDED BY OTHERS:
 - a. E.C. SHALL PROVIDE 120VAC, 60HZ, 20 AMP DEDICATED UNSWITCHED CIRCUIT WITH GREEN WIRE EARTH GROUND TO VIEW WINDOW CONTROL PANEL. CONNECTION TO CRITICAL POWER SOURCE PREFERRED TO MAINTAIN WINDOW STATE IN THE EVENT OF A POWER FAILURE. UPSTREAM FACILITY CIRCUIT BREAKER SHALL BE UL489 LISTED. DO NOT SHARE GROUND OR NEUTRALS.
 - b. ETHERNET, NETWORK DROPS AT ALL CONTROL PANELS - SEE NETWORK DIAGRAM FOR QTY.
 - c. ETHERNET, (1) PoE NETWORK CABLE AT PHOTO SENSOR ON ROOF.
 19. WINDOW CONTROLLERS (WC) ARE PRELABELED WITH SPECIFIC DESIGNATIONS. INSTALLER MUST ENSURE THEY ARE PLACED PER INTERCONNECT DRAWINGS.
 20. IGU CABLES SHALL BE LABELED BY THE INSTALLER WITH THE "IGU" NAME TO WHICH IT IS CONNECTED.
- SEE DETAIL 3, SHEET XG-9.2.1 FOR FURTHER INFORMATION

Symbols, Legends and Abbreviations Used

REFERENCE SYMBOLS LEGEND:

KEY CODE:

INTERCONNECT SYMBOLS LEGEND:

SHOWN ON PLANS	DIAGRAM SYMBOL	END LABEL (BOM)	DETAIL REFERENCE	SYMBOL DESCRIPTION
		CS-7	1-1	TRUNK CABLE, 7/8" 5-PIN CONNECTORS
		CS-140	2-2	TRUNK CABLE, PLENUM, 7/8" 5-PIN CONNECTORS
		CS-140	1-1	POWER INSERT CABLE, 4-PIN CONNECTORS (FIELD TERMINATED)
		CS-250	1-1	WINDOW CONTROL PANEL, MAXIMUM 128 WINDOW CONTROLLERS (2 TRUNKS, 8 POWER INSERTS)
		CS-1	1-2	WINDOW CONTROL PANEL, MAXIMUM 256 WINDOW CONTROLLERS
		CS-2	1-2	ENTERPRISE MASTER SERVER (PACK MOUNT, OPTION FOR LARGER PROJECTS > 2,000 ZONES)
		CS-3	10-1	DROP CABLE, M8 MALE, M12 FEMALE CONNECTORS
		CS-4	1-1	DROP CABLE, PLENUM, M8 MALE, M12 FEMALE CONNECTORS
		CS-5	1-1	IGU CABLE, M8 CONNECTORS
		CS-6	1-1	IGU CABLE, PLENUM, M8 CONNECTORS
		CS-7	4-1	LARGE CONNECTOR - TRUNK TEE
		CS-8	5-1	LARGE CONNECTOR - TRUNK WYE - MALE
		CS-9	6-1	LARGE CONNECTOR - TRUNK WYE - FEMALE
		CS-10	10-1	LARGE CONNECTOR - TRUNK 90 DEGREE ELBOW
		CS-11	8-1	LARGE CONNECTOR - TRUNK TERMINATOR
		CS-12	7-1	LARGE CONNECTOR - POWER INSERT TEE
		CS-13	8-1	LARGE CONNECTOR - POWER INSERT WYE
		CS-14	1-2	WINDOW CONTROLLER, BASE, V2.0
		CS-15	1-1	CATS NETWORK CABLE (NOT BY VIEW)
		CS-16	1-1	FIBER OPTIC CABLE, MULTI-MODE (NOT BY VIEW)
		CS-17	1-1	FIBER OPTIC CABLE, SINGLE MODE (NOT BY VIEW)
		CS-18	1-1	DATA CONNECTION (NOT BY VIEW)
		CS-19	1-1	DEVICENET DROP BOX, 8 - PORT - INSTALL PROTECTIVE CAPS (PIN 20-30 IS NOT ON ALL UNBUNDLED)
		CS-20	1-1	WALL INTERFACE ASSEMBLY
		CS-21	1-2	SKY PHOTO SENSOR (PNE DEVICE) - E.G. TO PROVIDE GATE (OR GREATER) CABLE FROM NEAREST CONTROL PANEL LOCATION TO ROOF OR DEVICE MOUNTING LOCATION (SEE MOUNTING)
		CS-22	1-1	CABLE TRANSFER, SLIDING (INSTALLATION KIT ALSO PROVIDED)
		CS-23	1-1	CABLE TRANSFER, SPRING CONDUIT (VERIFY FINISH AND SIZE)
		CS-24	1-1	CABLE TRANSFER, CONCEALED (VERIFY FINISH)
		CS-25	1-1	CABLE TRANSFER, ARMORED DOOR LOOP (VERIFY FINISH AND SIZE)
		CS-26	2-1	WIRELESS ACCESS POINT (WAP)
		CS-27	1-1	REMOTE POWER INSERT BOX
		CS-28	1-1	CELL MODEM

INTERCONNECT ABBREVIATIONS:

A.F.F.	ABOVE FINISHED FLOOR	N.I.S.	NOT IN SCOPE
AWG	AMERICAN WIRE GAUGE	P.I.	POWER INSERT
BUILD	BUILDING	P.O.C.	POINT OF CONNECTION
BOM	BILL OF MATERIALS	P.O.E.	POWER OVER ETHERNET
CB	CIRCUIT BREAKER	PM	PROJECT MANAGER
CL	CABLE	PT	POWER TRANSFER
CKT	CIRCUIT	SHLD	SHIELD
CP	CONTROL PANEL	SWW	SMART WINDOW CONTROLLER
CS	EXISTING	TB	TERMINAL BLOCK
CS, EX.	EXISTING CONTRACTOR	TO BE DETERMINED	VOLTS ALTERNATING CURRENT
CS, E.C.	ELECTRICAL CONTRACTOR	VAC	VIRTUAL LOCAL AREA NETWORK
CS, F.	FINISHED FLOOR	WC	WINDOW CONTROLLER
CS, F.L.	FLOOR LEVEL	WI	WALL INTERFACE
CS, H.	HERTZ	W	WINDING
CS, I.F.	INTERMEDIATE DISTRIBUTION FRAME	W.P.	WIRE IDENTIFIER
CS, I.T.	INFORMATION TECHNOLOGY	SP	5 PIN
CS, I.U.	INSULATED GLASS UNIT		
CS, L.	GROUND LUD		
CS, L.A.N.	LOCAL AREA NETWORK		
CS, L.V.	LOW VOLTAGE CONTRACTOR		
CS, M.K.	KEYED M8 CONNECTOR		
CS, N.	NEW		
CS, N.C.	NETWORK CONTROLLER		
CS, N.T.S.	NOT TO SCALE		

INSTALLATION GENERAL NOTES:

- CONDUITS ARE PRETERMINATED WITH CONNECTORS. FEMALE CONNECTORS LEAD FROM WINDOW CONTROL PANEL. MALE CONNECTORS FACE TOWARD WINDOW CONTROL PANEL. OBSERVE GENDER WHEN INSTALLING.
- CONNECTORS ARE KEVED TO RETAIN PROPER WINDOW. OBSERVE CONNECTOR KEY AT ASSEMBLY. DO NOT FORCE CONNECTION OR USE TOOLS TO TIGHTEN.
- TRUNK AND POWER CABLE CONNECTORS ARE 1/8" Ø x 1 1/8" LONG. IGU CABLE CONNECTORS ARE 0.38" Ø x 1 1/4" LONG. ALLOW FOR ADEQUATE PENETRATION / CONDUIT SIZE.
- TRUNK CABLE SIZE 7/8" Ø NOMINAL. IGU CABLE SIZE IS 3/8" Ø NOMINAL.
- OBSERVE MINIMUM BEND RADIUS TO PREVENT CONDUCTOR AND INSULATION DAMAGE. STANDARD CABLE IS 8" DIAMETER. PLENUM CABLE IS 1 1/4" DIAMETER.
- TRUNK CABLE AND POWER INSERT CABLE NAMES ARE SHOWN FOR REFERENCE TO TRACE CABLE PATHS FROM END TO CONTROL PANEL. REFER TO ONE LINE DIAGRAMS FOR SPECIFIC PORTS ON THE CONTROL PANEL, TO CONNECT TO.
- CONNECTION ORDER OF WINDOW CONTROLLER WITHIN GROUPS OF TEES OR ON DS-9 BLOCKS DOES NOT MATTER. CONNECTION LOCATION RELATIVE TO POWER INSERT PORTS DOES MATTER. REFER TO ONE LINE DIAGRAMS FOR QUANTITY OF WINDOW CONTROLLERS WITHIN A POWER SESSION.
- WINDOW CONTROLLER NAMES MUST BE MATCHED TO THE IGU THEY ARE CONNECTED TO. LABELING OF IGU CABLES IS RECOMMENDED TO AID IN PROPER INSTALLATION.

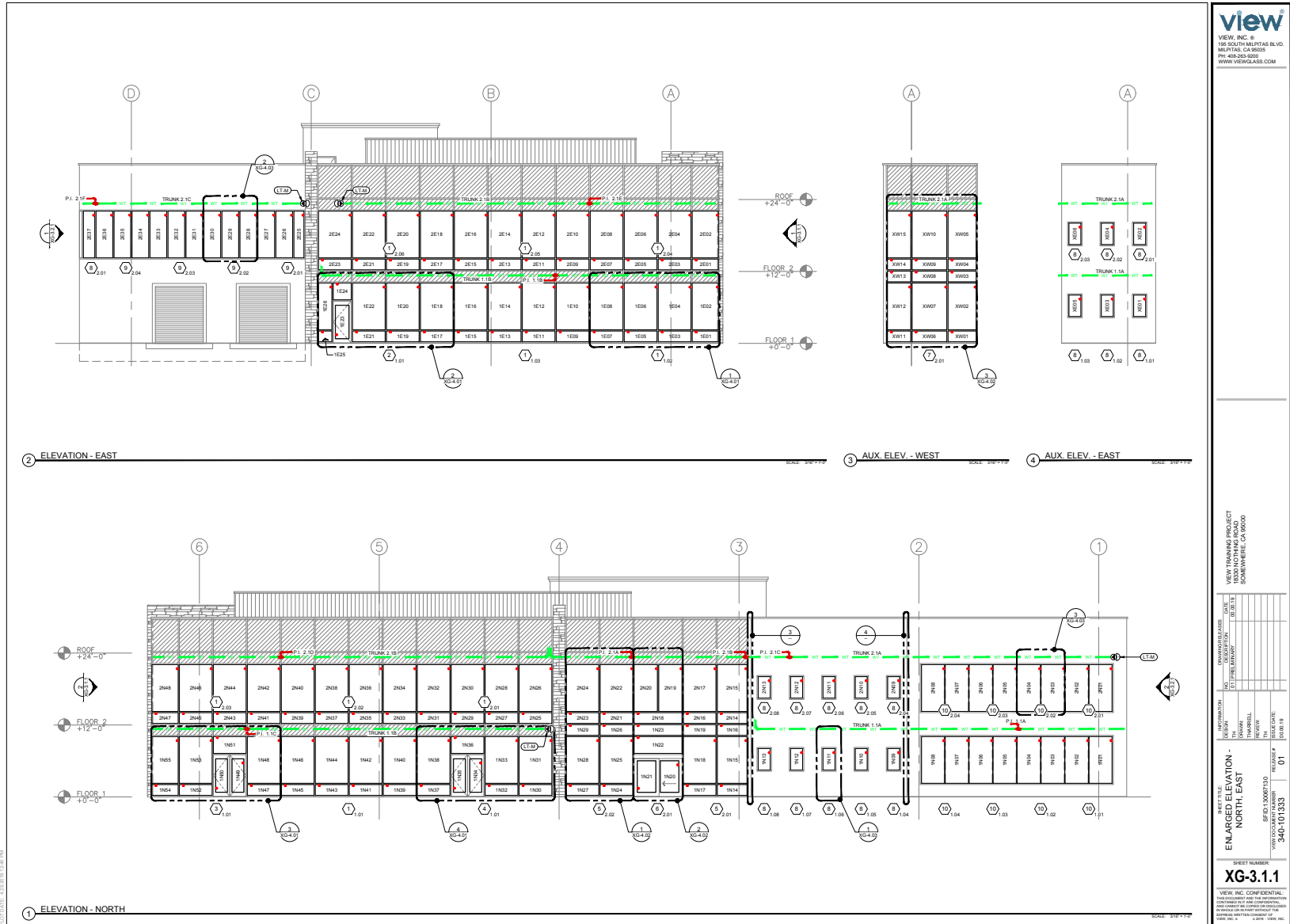
CABLE TYPE	DIAMETER	MINIMUM BEND RADIUS
TRUNK, STANDARD	0.47"	3.50"
TRUNK, PLENUM	0.47"	6.10"
IGUDROP, STANDARD	0.37"	2.95"
IGUDROP, PLENUM	0.29"	3.75"

VIEW, INC. 6
100 SOUTH MILPITAS BLVD.
MILPITAS, CA 95035
PH 408-253-8200
WWW.VIEWGLASS.COM

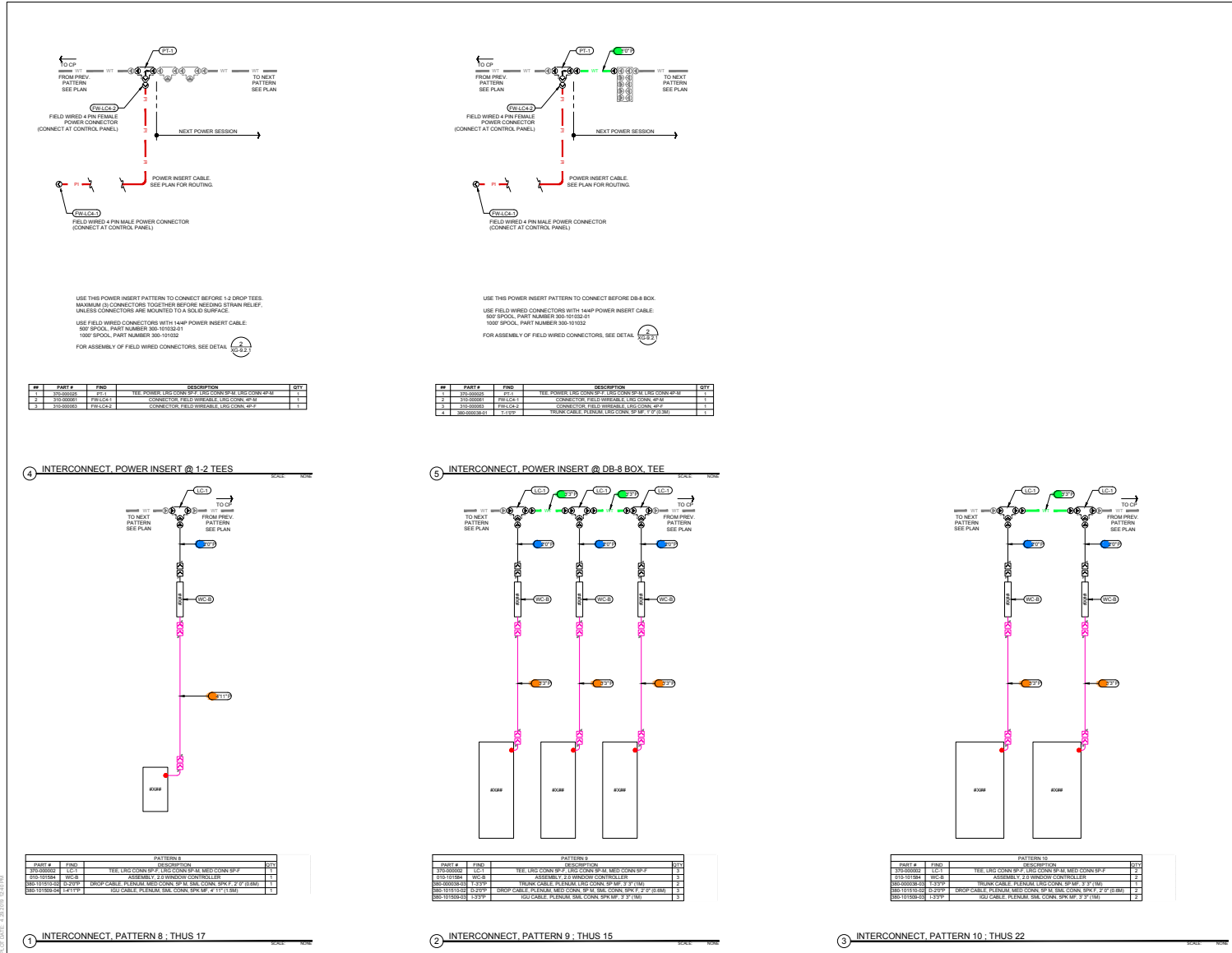
PROJECT: 344C-101333
SHEET TITLE: SYMBOLS, LEGENDS AND ABBREVIATIONS
SHEET NUMBER: 01

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Detail Example



Pattern Example



view
VIEW, INC. 8
100 SOUTH HARTFAS BLVD.
MILPITAS, CA 95035
PH: 408.383.0000
WWW.VIEWGLASS.COM

WINDOW CONTROLLERS MUST BE INSTALLED AT AN ACCESSIBLE, ENHANCED, MANUALLY-CONTROLLED LOCATION

VIEW TRAINING PROJECT
SOMEWHERE, CA 95000

DATE: 08/08/18

PROJECT NUMBER: 340-101333

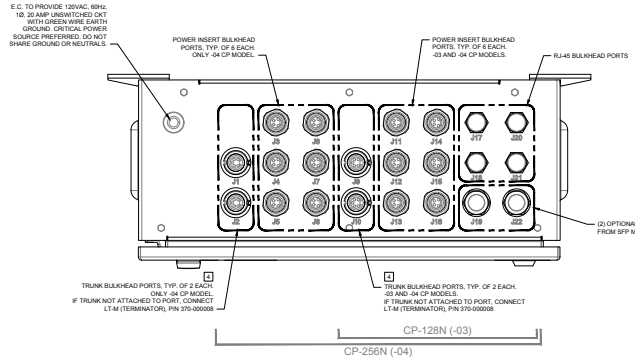
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Control Panel Configuration Example

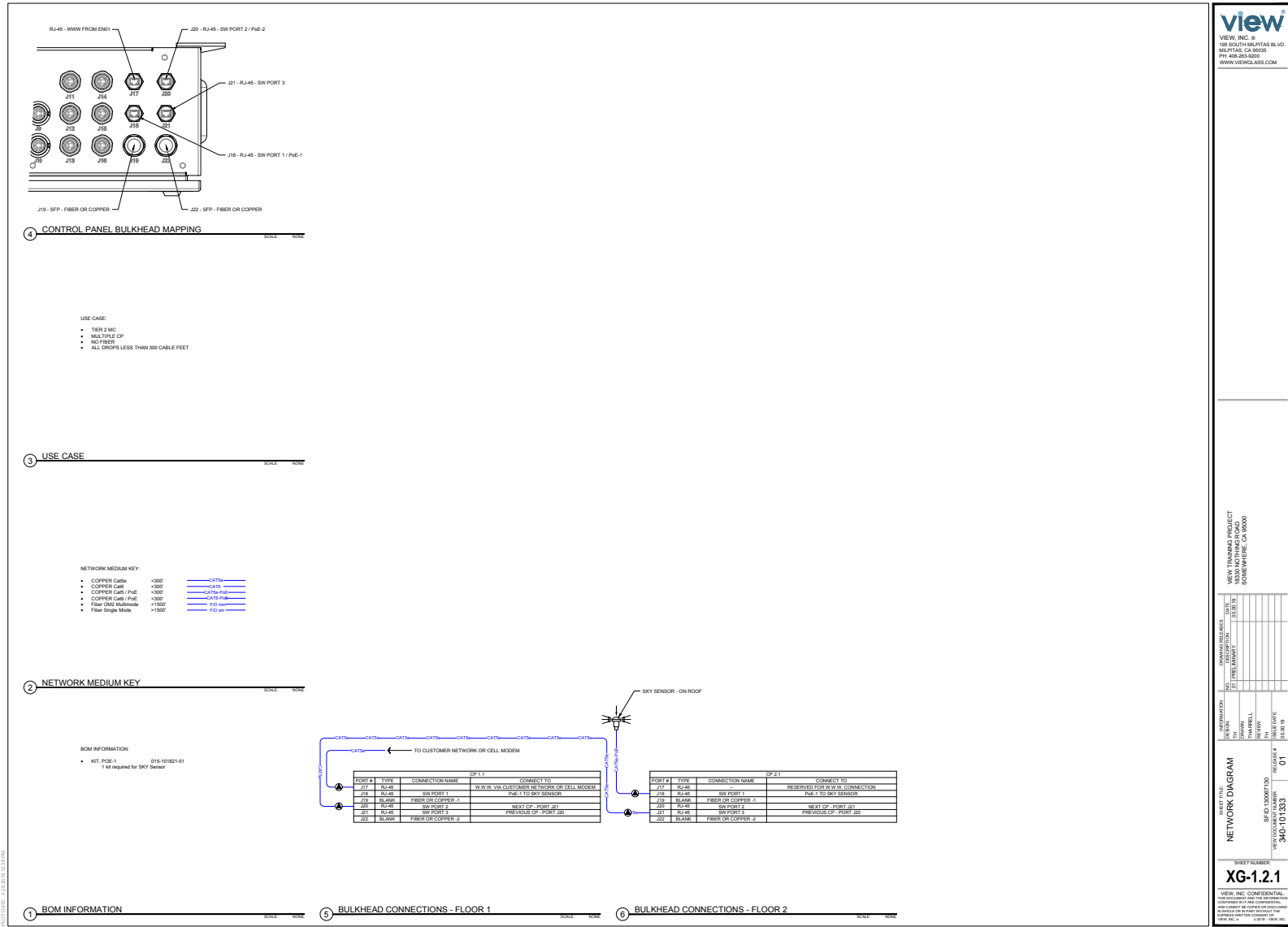
QTY	PART #	FIN	DESCRIPTION	QTY	NOTES
1	030-01000-03	CP-128N	ASSY. CP-128 2PK. 2PK. CLASS 2, 128 W/C NETWORKED		
1	030-01000-04	CP-256N	ASSY. CP-256 2PK. 2PK. CLASS 2, 256 W/C NETWORKED		
1	030-01001-01	CP-128	PULL BOX ENCLOSURE CP-128		
1	030-01001-02	CP-256	PULL BOX ENCLOSURE CP-256		
1	030-01002-01	RF-1	RF-1 FIBER OPTIC		ADD 1 FIBER OPTIC
1	030-01002-02	RF-2	RF-2 FIBER OPTIC		ADD 2 FIBER OPTIC
1	030-01002-03	RF-3	RF-3 FIBER OPTIC		ADD 3 FIBER OPTIC
1	030-01002-04	RF-4	RF-4 FIBER OPTIC		ADD 4 FIBER OPTIC
1	030-01002-05	RF-5	RF-5 FIBER OPTIC		ADD 5 FIBER OPTIC
1	030-01002-06	RF-6	RF-6 FIBER OPTIC		ADD 6 FIBER OPTIC
1	030-01002-07	RF-7	RF-7 FIBER OPTIC		ADD 7 FIBER OPTIC
1	030-01002-08	RF-8	RF-8 FIBER OPTIC		ADD 8 FIBER OPTIC
1	030-01002-09	RF-9	RF-9 FIBER OPTIC		ADD 9 FIBER OPTIC
1	030-01002-10	RF-10	RF-10 FIBER OPTIC		ADD 10 FIBER OPTIC
1	030-01002-11	RF-11	RF-11 FIBER OPTIC		ADD 11 FIBER OPTIC
1	030-01002-12	RF-12	RF-12 FIBER OPTIC		ADD 12 FIBER OPTIC
1	030-01002-13	RF-13	RF-13 FIBER OPTIC		ADD 13 FIBER OPTIC
1	030-01002-14	RF-14	RF-14 FIBER OPTIC		ADD 14 FIBER OPTIC
1	030-01002-15	RF-15	RF-15 FIBER OPTIC		ADD 15 FIBER OPTIC
1	030-01002-16	RF-16	RF-16 FIBER OPTIC		ADD 16 FIBER OPTIC
1	030-01002-17	RF-17	RF-17 FIBER OPTIC		ADD 17 FIBER OPTIC
1	030-01002-18	RF-18	RF-18 FIBER OPTIC		ADD 18 FIBER OPTIC
1	030-01002-19	RF-19	RF-19 FIBER OPTIC		ADD 19 FIBER OPTIC
1	030-01002-20	RF-20	RF-20 FIBER OPTIC		ADD 20 FIBER OPTIC
1	030-01002-21	RF-21	RF-21 FIBER OPTIC		ADD 21 FIBER OPTIC
1	030-01002-22	RF-22	RF-22 FIBER OPTIC		ADD 22 FIBER OPTIC
1	030-01002-23	RF-23	RF-23 FIBER OPTIC		ADD 23 FIBER OPTIC
1	030-01002-24	RF-24	RF-24 FIBER OPTIC		ADD 24 FIBER OPTIC
1	030-01002-25	RF-25	RF-25 FIBER OPTIC		ADD 25 FIBER OPTIC
1	030-01002-26	RF-26	RF-26 FIBER OPTIC		ADD 26 FIBER OPTIC
1	030-01002-27	RF-27	RF-27 FIBER OPTIC		ADD 27 FIBER OPTIC
1	030-01002-28	RF-28	RF-28 FIBER OPTIC		ADD 28 FIBER OPTIC
1	030-01002-29	RF-29	RF-29 FIBER OPTIC		ADD 29 FIBER OPTIC
1	030-01002-30	RF-30	RF-30 FIBER OPTIC		ADD 30 FIBER OPTIC
1	030-01002-31	RF-31	RF-31 FIBER OPTIC		ADD 31 FIBER OPTIC
1	030-01002-32	RF-32	RF-32 FIBER OPTIC		ADD 32 FIBER OPTIC
1	030-01002-33	RF-33	RF-33 FIBER OPTIC		ADD 33 FIBER OPTIC
1	030-01002-34	RF-34	RF-34 FIBER OPTIC		ADD 34 FIBER OPTIC
1	030-01002-35	RF-35	RF-35 FIBER OPTIC		ADD 35 FIBER OPTIC
1	030-01002-36	RF-36	RF-36 FIBER OPTIC		ADD 36 FIBER OPTIC
1	030-01002-37	RF-37	RF-37 FIBER OPTIC		ADD 37 FIBER OPTIC
1	030-01002-38	RF-38	RF-38 FIBER OPTIC		ADD 38 FIBER OPTIC
1	030-01002-39	RF-39	RF-39 FIBER OPTIC		ADD 39 FIBER OPTIC
1	030-01002-40	RF-40	RF-40 FIBER OPTIC		ADD 40 FIBER OPTIC
1	030-01002-41	RF-41	RF-41 FIBER OPTIC		ADD 41 FIBER OPTIC
1	030-01002-42	RF-42	RF-42 FIBER OPTIC		ADD 42 FIBER OPTIC
1	030-01002-43	RF-43	RF-43 FIBER OPTIC		ADD 43 FIBER OPTIC
1	030-01002-44	RF-44	RF-44 FIBER OPTIC		ADD 44 FIBER OPTIC
1	030-01002-45	RF-45	RF-45 FIBER OPTIC		ADD 45 FIBER OPTIC
1	030-01002-46	RF-46	RF-46 FIBER OPTIC		ADD 46 FIBER OPTIC
1	030-01002-47	RF-47	RF-47 FIBER OPTIC		ADD 47 FIBER OPTIC
1	030-01002-48	RF-48	RF-48 FIBER OPTIC		ADD 48 FIBER OPTIC
1	030-01002-49	RF-49	RF-49 FIBER OPTIC		ADD 49 FIBER OPTIC
1	030-01002-50	RF-50	RF-50 FIBER OPTIC		ADD 50 FIBER OPTIC
1	030-01002-51	RF-51	RF-51 FIBER OPTIC		ADD 51 FIBER OPTIC
1	030-01002-52	RF-52	RF-52 FIBER OPTIC		ADD 52 FIBER OPTIC
1	030-01002-53	RF-53	RF-53 FIBER OPTIC		ADD 53 FIBER OPTIC
1	030-01002-54	RF-54	RF-54 FIBER OPTIC		ADD 54 FIBER OPTIC
1	030-01002-55	RF-55	RF-55 FIBER OPTIC		ADD 55 FIBER OPTIC
1	030-01002-56	RF-56	RF-56 FIBER OPTIC		ADD 56 FIBER OPTIC
1	030-01002-57	RF-57	RF-57 FIBER OPTIC		ADD 57 FIBER OPTIC
1	030-01002-58	RF-58	RF-58 FIBER OPTIC		ADD 58 FIBER OPTIC
1	030-01002-59	RF-59	RF-59 FIBER OPTIC		ADD 59 FIBER OPTIC
1	030-01002-60	RF-60	RF-60 FIBER OPTIC		ADD 60 FIBER OPTIC
1	030-01002-61	RF-61	RF-61 FIBER OPTIC		ADD 61 FIBER OPTIC
1	030-01002-62	RF-62	RF-62 FIBER OPTIC		ADD 62 FIBER OPTIC
1	030-01002-63	RF-63	RF-63 FIBER OPTIC		ADD 63 FIBER OPTIC
1	030-01002-64	RF-64	RF-64 FIBER OPTIC		ADD 64 FIBER OPTIC
1	030-01002-65	RF-65	RF-65 FIBER OPTIC		ADD 65 FIBER OPTIC
1	030-01002-66	RF-66	RF-66 FIBER OPTIC		ADD 66 FIBER OPTIC
1	030-01002-67	RF-67	RF-67 FIBER OPTIC		ADD 67 FIBER OPTIC
1	030-01002-68	RF-68	RF-68 FIBER OPTIC		ADD 68 FIBER OPTIC
1	030-01002-69	RF-69	RF-69 FIBER OPTIC		ADD 69 FIBER OPTIC
1	030-01002-70	RF-70	RF-70 FIBER OPTIC		ADD 70 FIBER OPTIC
1	030-01002-71	RF-71	RF-71 FIBER OPTIC		ADD 71 FIBER OPTIC
1	030-01002-72	RF-72	RF-72 FIBER OPTIC		ADD 72 FIBER OPTIC
1	030-01002-73	RF-73	RF-73 FIBER OPTIC		ADD 73 FIBER OPTIC
1	030-01002-74	RF-74	RF-74 FIBER OPTIC		ADD 74 FIBER OPTIC
1	030-01002-75	RF-75	RF-75 FIBER OPTIC		ADD 75 FIBER OPTIC
1	030-01002-76	RF-76	RF-76 FIBER OPTIC		ADD 76 FIBER OPTIC
1	030-01002-77	RF-77	RF-77 FIBER OPTIC		ADD 77 FIBER OPTIC
1	030-01002-78	RF-78	RF-78 FIBER OPTIC		ADD 78 FIBER OPTIC
1	030-01002-79	RF-79	RF-79 FIBER OPTIC		ADD 79 FIBER OPTIC
1	030-01002-80	RF-80	RF-80 FIBER OPTIC		ADD 80 FIBER OPTIC
1	030-01002-81	RF-81	RF-81 FIBER OPTIC		ADD 81 FIBER OPTIC
1	030-01002-82	RF-82	RF-82 FIBER OPTIC		ADD 82 FIBER OPTIC
1	030-01002-83	RF-83	RF-83 FIBER OPTIC		ADD 83 FIBER OPTIC
1	030-01002-84	RF-84	RF-84 FIBER OPTIC		ADD 84 FIBER OPTIC
1	030-01002-85	RF-85	RF-85 FIBER OPTIC		ADD 85 FIBER OPTIC
1	030-01002-86	RF-86	RF-86 FIBER OPTIC		ADD 86 FIBER OPTIC
1	030-01002-87	RF-87	RF-87 FIBER OPTIC		ADD 87 FIBER OPTIC
1	030-01002-88	RF-88	RF-88 FIBER OPTIC		ADD 88 FIBER OPTIC
1	030-01002-89	RF-89	RF-89 FIBER OPTIC		ADD 89 FIBER OPTIC
1	030-01002-90	RF-90	RF-90 FIBER OPTIC		ADD 90 FIBER OPTIC
1	030-01002-91	RF-91	RF-91 FIBER OPTIC		ADD 91 FIBER OPTIC
1	030-01002-92	RF-92	RF-92 FIBER OPTIC		ADD 92 FIBER OPTIC
1	030-01002-93	RF-93	RF-93 FIBER OPTIC		ADD 93 FIBER OPTIC
1	030-01002-94	RF-94	RF-94 FIBER OPTIC		ADD 94 FIBER OPTIC
1	030-01002-95	RF-95	RF-95 FIBER OPTIC		ADD 95 FIBER OPTIC
1	030-01002-96	RF-96	RF-96 FIBER OPTIC		ADD 96 FIBER OPTIC
1	030-01002-97	RF-97	RF-97 FIBER OPTIC		ADD 97 FIBER OPTIC
1	030-01002-98	RF-98	RF-98 FIBER OPTIC		ADD 98 FIBER OPTIC
1	030-01002-99	RF-99	RF-99 FIBER OPTIC		ADD 99 FIBER OPTIC
1	030-01002-100	RF-100	RF-100 FIBER OPTIC		ADD 100 FIBER OPTIC

3 CONTROL PANELS - PARTS AND OPTIONAL ACCESSORY LIST

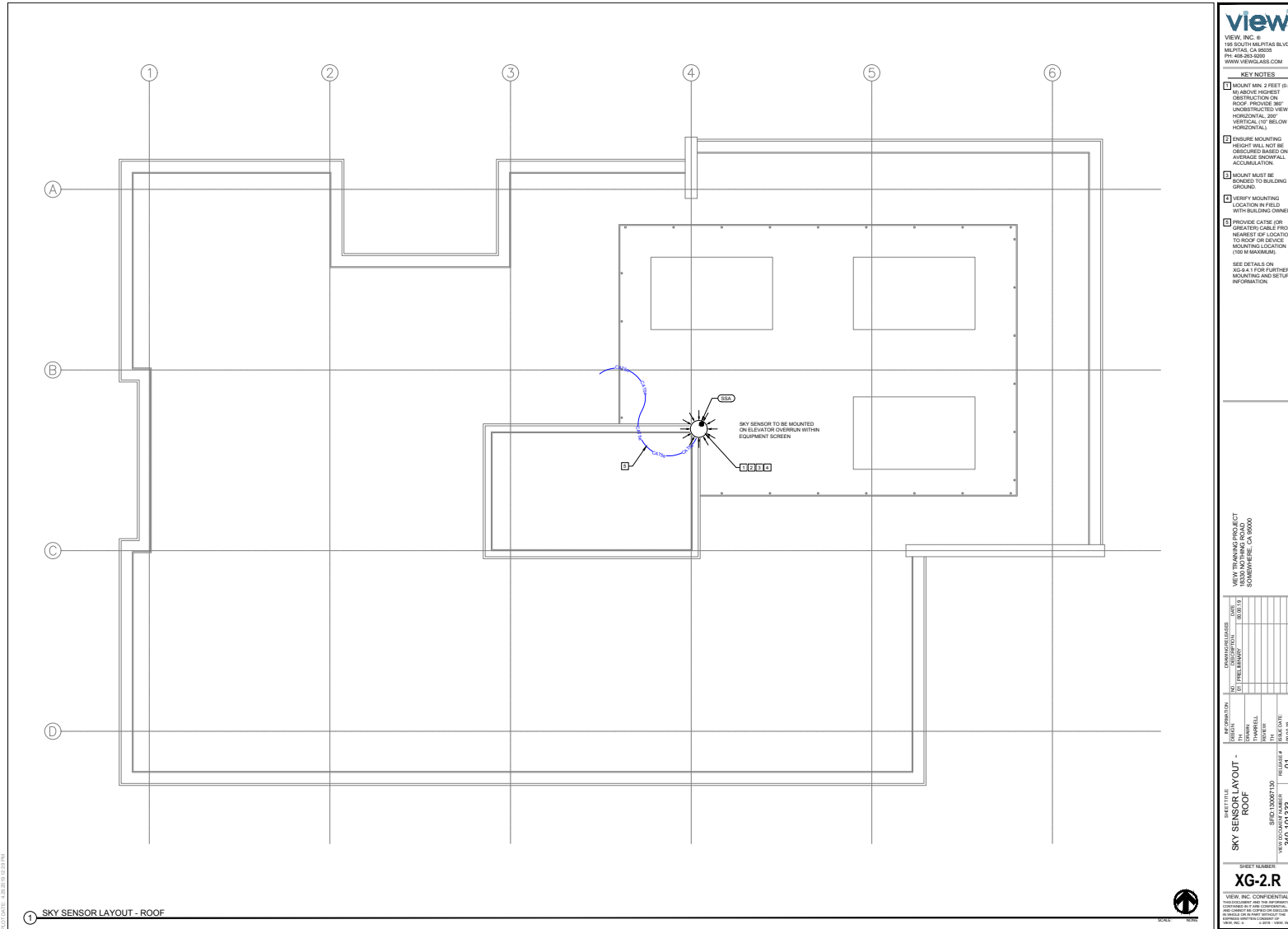


BULKHEAD PORT	CONNECTION DESCRIPTION	CP MODEL	NOTES
1	TRUNK X-0	NA	TRUNK PANEL KIT, 128 W/Cs MAX.
2	POWER INSERT X-1	NA	
3	POWER INSERT X-2	NA	
4	POWER INSERT X-3	NA	
5	POWER INSERT X-4	NA	
6	POWER INSERT X-5	NA	
7	POWER INSERT X-6	NA	
8	POWER INSERT X-7	NA	
9	POWER INSERT X-8	NA	
10	POWER INSERT X-9	NA	
11	POWER INSERT X-10	NA	
12	POWER INSERT X-11	NA	
13	POWER INSERT X-12	NA	
14	POWER INSERT X-13	NA	
15	POWER INSERT X-14	NA	
16	POWER INSERT X-15	NA	
17	POWER INSERT X-16	NA	
18	POWER INSERT X-17	NA	
19	POWER INSERT X-18	NA	
20	POWER INSERT X-19	NA	
21	POWER INSERT X-20	NA	
22	POWER INSERT X-21	NA	
23	POWER INSERT X-22	NA	
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25	POWER INSERT X-24	NA	
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27	POWER INSERT X-26	NA	
28	POWER INSERT X-27	NA	
29	POWER INSERT X-28	NA	
30	POWER INSERT X-29	NA	
31	POWER INSERT X-30	NA	
32	POWER INSERT X-31	NA	
33	POWER INSERT X-32	NA	
34	POWER INSERT X-33	NA	
35	POWER INSERT X-34	NA	
36	POWER INSERT X-35	NA	
37	POWER INSERT X-36	NA	
38	POWER INSERT X-37	NA	
39	POWER INSERT X-38	NA	
40	POWER INSERT X-39	NA	
41	POWER INSERT X-40	NA	
42	POWER INSERT X-41	NA	
43	POWER INSERT X-42	NA	
44	POWER INSERT X-43	NA	
45	POWER INSERT X-44	NA	
46	POWER INSERT X-45	NA	
47	POWER INSERT X-46	NA	
48	POWER INSERT X-47	NA	
49	POWER INSERT X-48	NA	
50	POWER INSERT X-49	NA	
51	POWER INSERT X-50	NA	
52	POWER INSERT X-51	NA	
53	POWER INSERT X-52	NA	
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66	POWER INSERT X-65	NA	
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68	POWER INSERT X-67	NA	
69	POWER INSERT X-68	NA	
70	POWER INSERT X-69	NA	
71	POWER INSERT X-70	NA	
72	POWER INSERT X-71	NA	
73	POWER INSERT X-72	NA	
74	POWER INSERT X-73	NA	
75	POWER INSERT X-74	NA	
76	POWER INSERT X-75	NA	
77	POWER INSERT X-76	NA	
78	POWER INSERT X-77	NA	
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87	POWER INSERT X-86	NA	
88	POWER INSERT X-87	NA	
89	POWER INSERT X-88	NA	
90	POWER INSERT X-89	NA	
91	POWER INSERT X-90	NA	
92	POWER INSERT X-91	NA	
93	POWER INSERT X-92	NA	
94	POWER INSERT X-93	NA	
95	POWER INSERT X-94	NA	
96	POWER INSERT X-95	NA	
97	POWER INSERT X-96	NA	
98	POWER INSERT X-97	NA	
99	POWER INSERT X-98	NA	
100	POWER INSERT X-99	NA	
101	POWER INSERT X-100	NA	

System Network Requirements Example



Roof Layout for Sky Sensor



view
 VIEW, INC. #
 18 SOUTH MILPITAS BLVD.
 MILPITAS, CA 95035
 PH 408-253-3200
 WWW.VIEWGLASS.COM

- KEY NOTES**
- 1 MOUNT MIN. 2 FEET (0.6 M) ABOVE HIGHEST OBSTRUCTION ON ROOF. PROVIDE 30" UNRESTRICTED VIEW (HORIZONTAL 20° VERTICAL 10° BELOW HORIZONTAL).
 - 2 FINISH MOUNTING HEIGHT WILL NOT BE SPECIFIED BASED ON AVERAGE SNOWFALL ACCUMULATION.
 - 3 MOUNT MUST BE BONDED TO BUILDING GROUND.
 - 4 VERIFY MOUNTING LOCATION IN FIELD WITH BUILDING OWNER.
 - 5 PROVIDE CABLE (OR GREATER) CABLE FROM NEAREST SP LOCATION TO ROOF OR DEVICE MOUNTING LOCATION (SEE MANUAL).
- SEE DETAILS ON SS&A FOR FURTHER MOUNTING AND SETUP INFORMATION.

VIEW, INC. PROJECT
 18 SOUTH MILPITAS BLVD.
 MILPITAS, CA 95035

DATE	DESCRIPTION	BY	CHKD BY

PROJECT TITLE
SKY SENSOR LAYOUT - ROOF

ISSUE NO.
 01

DATE
 01/13/20

PROJECT NO.
 340-101333

XG-2.R

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Bill of Materials Example

015-10188-02			
INTERCONNECT DIAGRAM 340-101xxx			
SECOND FLOOR, CP 2.1, GLAZIER			
#	PART #	FIND	DESCRIPTION
1	380-10189-05	1897	ISO CABLE, PLENUM, SML CONN, 3PK MF, 8' (2M)
② CP 2.1, GLAZIER			

015-10188-03			
INTERCONNECT DIAGRAM 340-101xxx			
SECOND FLOOR, CP 2.1, HEAD END			
#	PART #	FIND	DESCRIPTION
1	010-10184-03	CP5-128N	ASSY, CP2.2, 2 P5, 2V, CLASS 2, 128 VC, NETWORKED
2	010-10181-01	CP4N	PULL DOWN EXPOSURE, CP2.2
3	015-10181-01	POE1	KIT, 1 POE
① CP 2.1, HEAD END			

015-10188-01			
INTERCONNECT DIAGRAM 340-101xxx			
4 STATE TESTERS - GLAZIER			
#	PART #	FIND	DESCRIPTION
1	010-10184-03	AS1-B	ASSY, 4 STATE CONTROLLER, TESTER
2	380-10181-16	ADAPT 1	ADAPT 1, ISO CABLE, PLENUM, SML CONN, 3PK, SML CONN, 3PK
3	380-10189-05	1897	ISO CABLE, PLENUM, SML CONN, 3PK MF, 3' (1M)
⑤ 4 STATE TESTERS - GLAZIER			

015-10188-03			
INTERCONNECT DIAGRAM 340-101xxx			
4 STATE TESTERS - LVE			
#	PART #	FIND	DESCRIPTION
1	010-10184-03	AS1-B	ASSY, 4 STATE CONTROLLER, TESTER
2	380-10181-16	ADAPT 1	ADAPT 1, ISO CABLE, PLENUM, SML CONN, 3PK, SML CONN, 3PK
3	380-10189-05	1897	ISO CABLE, PLENUM, SML CONN, 3PK MF, 3' (1M)
④ 4 STATE TESTERS - LVE			

015-10188-03			
INTERCONNECT DIAGRAM 340-101xxx			
SECOND FLOOR, CP 2.1, SPARE			
#	PART #	FIND	DESCRIPTION
1	370-00002	LC-1	TEE, LRG CONN, SP-F, LRG CONN, SP-F, MED CONN, SP-F
2	010-10184	WC-B	ASSEMBLY, 2 WINDOW CONTROLLER
3	380-00038-04	T-4119	TRUNK CABLE, PLENUM, LRG CONN, SP MF, 4' 11" (1.5M)
4	380-00038-06	T-2774	TRUNK CABLE, PLENUM, LRG CONN, SP MF, 8' 2" (2.5M)
5	380-00038-07	T-1919	TRUNK CABLE, PLENUM, LRG CONN, SP MF, 9' 10" (3M)
6	380-00038-21	T-2970	TRUNK CABLE, PLENUM, LRG CONN, SP MF, 8' 2" (2.5M)
7	380-00038-23	T-8859	TRUNK CABLE, PLENUM, LRG CONN, SP MF, 8' 9" (2.6M)
③ CP 2.1, SPARE			

015-10188-00			
INTERCONNECT DIAGRAM 340-101xxx			
SKY SENSOR			
#	PART #	FIND	DESCRIPTION
1	016-10181-01	SSA	ASSEMBLY, SKY SENSOR
⑦ SKY SENSOR			

015-10188-00			
INTERCONNECT DIAGRAM 340-101xxx			
CELL MODEM			
#	PART #	FIND	DESCRIPTION
1	010-10130	CP-MS	ASSY, WIRELESS ROUTER, VERIZON WIRELESS
2	380-00022-08	1814	CABLE, 1 ETHNET, RJ45, 6A IN RJ45, 5 P11
⑥ CELL MODEM			



VIEW, INC.
181 SOUTH MILPITAS BLVD
MILPITAS, CA 95035
PH: 408-263-0200
WWW.VIEW.COM

BLOG: LEAD IN METAL
CABLE: 100 FT
ANYTOWN, ST

DRAWING NUMBER: 340-10188-01
DATE: 01/13/19

BILL OF MATERIALS
SHEET NUMBER: 01

SHEET NUMBER: XG-6.01

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Controls Order Acknowledgment
 (Standard lead times apply from the date of signed approval or submittal to View)
 I, _____ of _____ have reviewed the materials list on this drawing and verify that the information is correct.
 By signing below I accept release of the materials listed to be procured for this job.
 Signed: _____ Date: _____

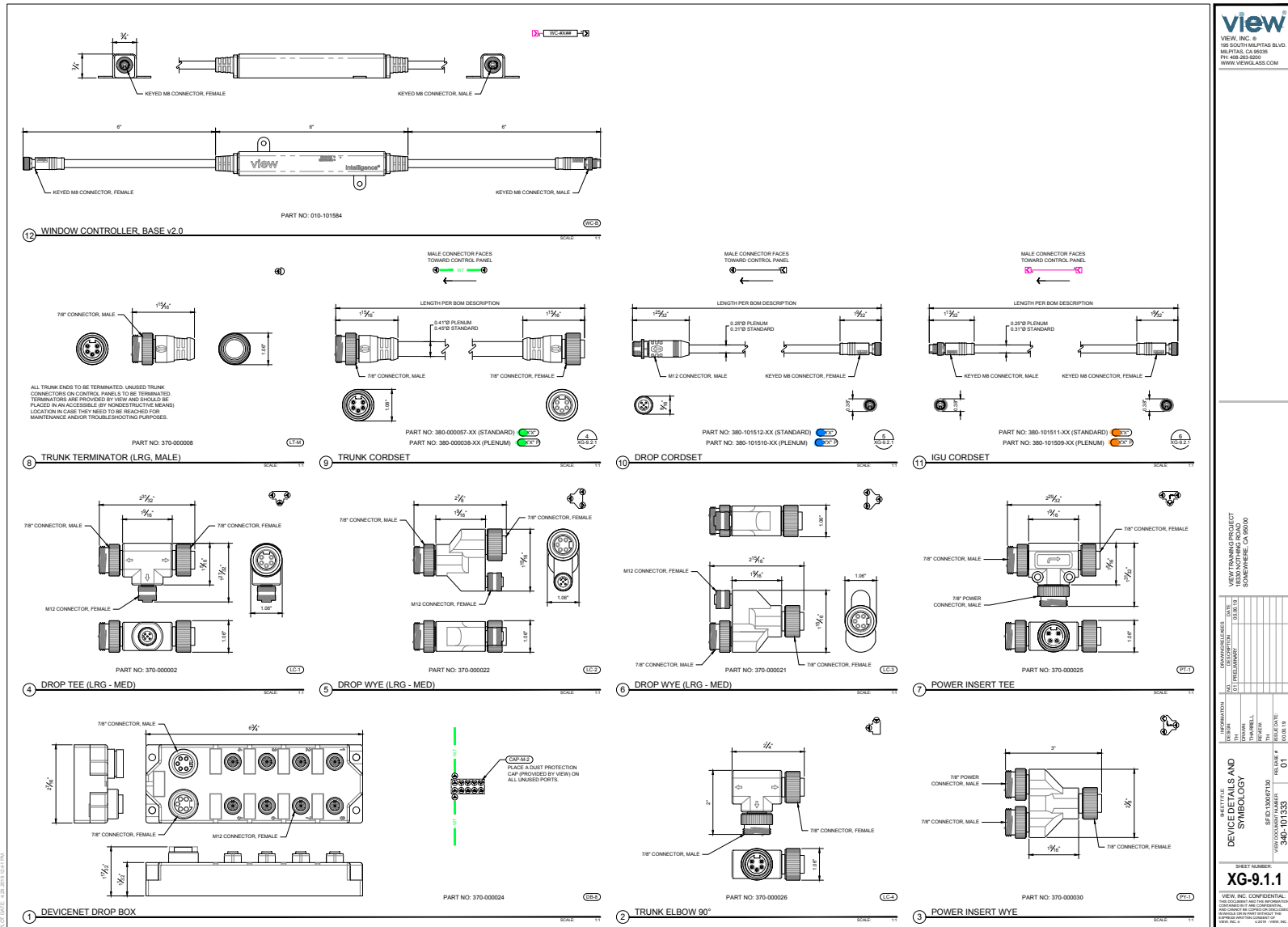
NOT TO SCALE - 2:30 (30 X 12) (3/4")

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Loading Schedule Example

ZONE #	MARK ID	ISU #	WIDTH	HEIGHT	SP	WCFO	NOTES	TRUNK #
LOBBY 101 N B	1504	1	2	21A				100
LOBBY 101 N M	1505	2	21A					101
LOBBY 101 N T	1506	3	21A					102
LOBBY 101 N B	1507	4	21A					103
LOBBY 101 N M	1508	5	21A					104
LOBBY 101 N T	1509	6	21A					105
LOBBY SLIDER	1500	7	SLIDER					106
LOBBY SLIDER	1501	8	21A					107
LOBBY 101 N M	1502	9	21A					108
LOBBY 101 N T	1503	10	21A					109
LOBBY 101 N B	1504	11	21A					110
LOBBY 101 N M	1505	12	21A					111
LOBBY 101 N T	1506	13	21A					112
LOBBY 101 N B	1507	14	21A					113
LOBBY 101 N M	1508	15	21A					114
LOBBY 101 N T	1509	16	21A					115
OPC 204 N	2001	17	21A					116
OPC 204 N1	2002	18	21A					117
OPC 204 N2	2003	19	21A					118
OPC 204 N3	2004	20	21A					119
HALL 201 N1	2005	21	21A					120
HALL 201 N2	2006	22	21A					121
HALL 201 N3	2007	23	21A					122
HALL 201 N4	2008	24	21A					123
OPC 203 N1	2009	25	21A					124
OPC 203 N2	2010	26	21A					125
OPC 203 N3	2011	27	21A					126
OPC 203 N4	2012	28	21A					127
OPC 203 N5	2013	29	21A					128
HALL 202 N B	2014	30	21A					129
HALL 202 N T	2015	31	21A					130
HALL 202 N M	2016	32	21A					131
HALL 202 N V	2017	33	21A					132
HALL 202 N B	2018	34	21A					133
HALL 202 N T	2019	35	21A					134
HALL 202 N M	2020	36	21A					135
HALL 202 N B	2021	37	21A					136
HALL 202 N T	2022	38	21A					137
HALL 202 N M	2023	39	21A					138
HALL 202 N B	2024	40	21A					139
HALL 201 XE	2025	41	21A					140
HALL 201 XE	2026	42	21A					141
HALL 201 XE	2027	43	21A					142
LOBBY 101 XE	2028	44	21A					143
LOBBY 101 XE M	2029	45	21A					144
LOBBY 101 XE T	2030	46	21A					145
HALL 200 XE B	2031	47	21A					146
HALL 200 XE	2032	48	21A					147
LOBBY 101 XE B	2033	49	21A					148
LOBBY 101 XE T	2034	50	21A					149
HALL 200 XE B	2035	51	21A					150
HALL 200 XE T	2036	52	21A					151
LOBBY 101 XE B	2037	53	21A					152
LOBBY 101 XE T	2038	54	21A					153
HALL 200 XE B	2039	55	21A					154
HALL 200 XE T	2040	56	21A					155
LOBBY 101 XE B	2041	57	21A					156
LOBBY 101 XE T	2042	58	21A					157
HALL 200 XE B	2043	59	21A					158
HALL 200 XE T	2044	60	21A					159
OPEN 210 ET B	2045	61	21B					160
OPEN 210 ET T	2046	62	21B					161
OPEN 210 ET B	2047	63	21B					162
OPEN 210 ET T	2048	64	21B					163
OPEN 210 ET B	2049	65	21B					164
OPEN 210 ET T	2050	66	21B					165
OPEN 210 ET B	2051	67	21B					166
OPEN 210 ET T	2052	68	21B					167
OPEN 210 ET B	2053	69	21B					168
OPEN 210 ET T	2054	70	21B					169
OPEN 210 ET B	2055	71	21B					170
OPEN 210 ET T	2056	72	21B					171
OPEN 210 ET B	2057	73	21B					172
OPEN 210 ET T	2058	74	21B					173
OPEN 210 ET B	2059	75	21B					174
OPEN 210 ET T	2060	76	21B					175
OPEN 210 ET B	2061	77	21B					176
OPEN 210 ET T	2062	78	21B					177
OPEN 210 ET B	2063	79	21B					178
OPEN 210 ET T	2064	80	21B					179
OPEN 210 ET B	2065	81	21B					180
OPEN 210 ET T	2066	82	21B					181
OPEN 210 ET B	2067	83	21B					182
OPEN 210 ET T	2068	84	21B					183
OPEN 210 ET B	2069	85	21B					184
OPEN 210 ET T	2070	86	21B					185
OPEN 210 ET B	2071	87	21B					186
OPEN 210 ET T	2072	88	21B					187
OPEN 210 ET B	2073	89	21B					188
OPEN 210 ET T	2074	90	21B					189
OPEN 210 ET B	2075	91	21B					190
OPEN 210 ET T	2076	92	21B					191
OPEN 210 ET B	2077	93	21B					192
OPEN 210 ET T	2078	94	21B					193
OPEN 210 ET B	2079	95	21B					194
OPEN 210 ET T	2080	96	21B					195
OPEN 210 ET B	2081	97	21B					196
OPEN 210 ET T	2082	98	21B					197
OPEN 210 ET B	2083	99	21B					198
OPEN 210 ET T	2084	100	21B					199
OPEN 210 ET B	2085	101	21B					200
OPEN 210 ET T	2086	102	21B					201
OPEN 210 ET B	2087	103	21B					202
OPEN 210 ET T	2088	104	21B					203
OPEN 210 ET B	2089	105	21B					204
OPEN 210 ET T	2090	106	21B					205
OPEN 210 ET B	2091	107	21B					206
OPEN 210 ET T	2092	108	21B					207
OPEN 210 ET B	2093	109	21B					208
OPEN 210 ET T	2094	110	21B					209
OPEN 210 ET B	2095	111	21B					210
OPEN 210 ET T	2096	112	21B					211
OPEN 210 ET B	2097	113	21B					212
OPEN 210 ET T	2098	114	21B					213
OPEN 210 ET B	2099	115	21B					214
OPEN 210 ET T	2100	116	21B					215
OPEN 210 ET B	2101	117	21B					216
OPEN 210 ET T	2102	118	21B					217
OPEN 210 ET B	2103	119	21B					218
OPEN 210 ET T	2104	120	21B					219
OPEN 210 ET B	2105	121	21B					220
OPEN 210 ET T	2106	122	21B					221
OPEN 210 ET B	2107	123	21B					222
OPEN 210 ET T	2108	124	21B					223
OPEN 210 ET B	2109	125	21B					224
OPEN 210 ET T	2110	126	21B					225
OPEN 210 ET B	2111	127	21B					226
OPEN 210 ET T	2112	128	21B					227
OPEN 210 ET B	2113	129	21B					228
OPEN 210 ET T	2114	130	21B					229
OPEN 210 ET B	2115	131	21B					230
OPEN 210 ET T	2116	132	21B					231
OPEN 210 ET B	2117	133	21B					232
OPEN 210 ET T	2118	134	21B					233
OPEN 210 ET B	2119	135	21B					234
OPEN 210 ET T	2120	136	21B					235
OPEN 210 ET B	2121	137	21B					236
OPEN 210 ET T	2122	138	21B					237
OPEN 210 ET B	2123	139	21B					238
OPEN 210 ET T	2124	140	21B					239
OPEN 210 ET B	2125	141	21B					240
OPEN 210 ET T	2126	142	21B					241
OPEN 210 ET B	2127	143	21B					242
OPEN 210 ET T	2128	144	21B					243
OPEN 210 ET B	2129	145	21B					244
OPEN 210 ET T	2130	146	21B					245
OPEN 210 ET B	2131	147	21B					246
OPEN 210 ET T	2132	148	21B					247
OPEN 210 ET B	2133	149	21B					248
OPEN 210 ET T	2134	150	21B					249
OPEN 210 ET B	2135	151	21B					250
OPEN 210 ET T	2136	152	21B					251
OPEN 210 ET B	2137	153	21B					252
OPEN 210 ET T	2138	154	21B					253
OPEN 210 ET B	2139	155	21B					254
OPEN 210 ET T	2140	156	21B					255
OPEN 210 ET B	2141	157	21B					256
OPEN 210 ET T	2142	158	21B					257
OPEN 210 ET B	2143	159	21B					258
OPEN 210 ET T	2144	160	21B					259
OPEN 210 ET B	2145	161	21B					260
OPEN 210 ET T	2146	162	21B					261
OPEN 210 ET B	2147	163	21B					262
OPEN 210 ET T	2148	164	21B					263
OPEN 210 ET B	2149	165	21B					264
OPEN 210 ET T	2150	166	21B					265
OPEN 210 ET B	2151	167	21B					266
OPEN 210 ET T	2152	168	21B					267
OPEN 210 ET B	2153	169	21B					268
OPEN 210 ET T	2154	170	21B					269
OPEN 210 ET B	2155	171	21B					270
OPEN 210 ET T	2156	172	21B					271
OPEN 210 ET B	2157	173	21B					272
OPEN 210 ET T	2158	174	21B					273
OPEN 210 ET B	2159	175	21B					274
OPEN 210 ET T	2160	176	21B					275
OPEN 210 ET B	2161	177	21B					276
OPEN 210 ET T	2162	178	21B					277
OPEN 210 ET B	2163	179	21B					278
OPEN 210 ET T	2164	180	21B					279
OPEN 210 ET B	2165	181	21B					280
OPEN 210 ET T	2166	182	21B					281
OPEN 210 ET B	2167	183	21B					282
OPEN 210 ET T	2168	184	21B					283
OPEN 210 ET B	2169	185	21B					284
OPEN 210 ET								

Device Details and Symbology



REVISIONS AND SYMBOLS	DATE	BY	CHKD	APP'D
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Field Wireable Connections and Preterminated Cordset

STANDARD	PLENUM	DESCRIPTION
D12P	D12PP	TRUNK CABLE LRG COON 3P MF 1' 0" (3.0M)
L22P	L22PP	TRUNK CABLE LRG COON 3P MF 2' 0" (6.0M)
L32P	L32PP	TRUNK CABLE LRG COON 3P MF 3' 0" (9.0M)
L411P	L411PP	TRUNK CABLE LRG COON 3P MF 4' 11" (1.5M)
L42	L42P	TRUNK CABLE LRG COON 3P MF 4' 2" (1.2M)
L52P	L52PP	TRUNK CABLE LRG COON 3P MF 5' 0" (1.5M)
L62P	L62PP	TRUNK CABLE LRG COON 3P MF 6' 0" (1.8M)
L72P	L72PP	TRUNK CABLE LRG COON 3P MF 7' 0" (2.1M)
L82P	L82PP	TRUNK CABLE LRG COON 3P MF 8' 0" (2.4M)
L92P	L92PP	TRUNK CABLE LRG COON 3P MF 9' 0" (2.7M)
L102P	L102PP	TRUNK CABLE LRG COON 3P MF 10' 0" (3.0M)
L112P	L112PP	TRUNK CABLE LRG COON 3P MF 11' 0" (3.3M)
L122P	L122PP	TRUNK CABLE LRG COON 3P MF 12' 0" (3.6M)
L132P	L132PP	TRUNK CABLE LRG COON 3P MF 13' 0" (3.9M)
L142P	L142PP	TRUNK CABLE LRG COON 3P MF 14' 0" (4.2M)
L152P	L152PP	TRUNK CABLE LRG COON 3P MF 15' 0" (4.5M)
L162P	L162PP	TRUNK CABLE LRG COON 3P MF 16' 0" (4.8M)
L172P	L172PP	TRUNK CABLE LRG COON 3P MF 17' 0" (5.1M)
L182P	L182PP	TRUNK CABLE LRG COON 3P MF 18' 0" (5.4M)
L192P	L192PP	TRUNK CABLE LRG COON 3P MF 19' 0" (5.7M)
L202P	L202PP	TRUNK CABLE LRG COON 3P MF 20' 0" (6.0M)
L211P	L211PP	TRUNK CABLE LRG COON 3P MF 21' 11" (6.6M)
L221P	L221PP	TRUNK CABLE LRG COON 3P MF 22' 11" (6.9M)
L231P	L231PP	TRUNK CABLE LRG COON 3P MF 23' 11" (7.2M)
L242P	L242PP	TRUNK CABLE LRG COON 3P MF 24' 2" (7.3M)
L252P	L252PP	TRUNK CABLE LRG COON 3P MF 25' 2" (7.6M)
L262P	L262PP	TRUNK CABLE LRG COON 3P MF 26' 2" (7.9M)
L272P	L272PP	TRUNK CABLE LRG COON 3P MF 27' 2" (8.2M)
L282P	L282PP	TRUNK CABLE LRG COON 3P MF 28' 2" (8.5M)
L292P	L292PP	TRUNK CABLE LRG COON 3P MF 29' 2" (8.8M)
L302P	L302PP	TRUNK CABLE LRG COON 3P MF 30' 2" (9.1M)
L312P	L312PP	TRUNK CABLE LRG COON 3P MF 31' 2" (9.4M)
L322P	L322PP	TRUNK CABLE LRG COON 3P MF 32' 2" (9.7M)
L332P	L332PP	TRUNK CABLE LRG COON 3P MF 33' 2" (10.0M)
L342P	L342PP	TRUNK CABLE LRG COON 3P MF 34' 2" (10.3M)
L352P	L352PP	TRUNK CABLE LRG COON 3P MF 35' 2" (10.6M)
L362P	L362PP	TRUNK CABLE LRG COON 3P MF 36' 2" (10.9M)
L372P	L372PP	TRUNK CABLE LRG COON 3P MF 37' 2" (11.2M)
L382P	L382PP	TRUNK CABLE LRG COON 3P MF 38' 2" (11.5M)
L392P	L392PP	TRUNK CABLE LRG COON 3P MF 39' 2" (11.8M)
L402P	L402PP	TRUNK CABLE LRG COON 3P MF 40' 2" (12.1M)
L412P	L412PP	TRUNK CABLE LRG COON 3P MF 41' 2" (12.4M)
L422P	L422PP	TRUNK CABLE LRG COON 3P MF 42' 2" (12.7M)
L432P	L432PP	TRUNK CABLE LRG COON 3P MF 43' 2" (13.0M)
L442P	L442PP	TRUNK CABLE LRG COON 3P MF 44' 2" (13.3M)
L452P	L452PP	TRUNK CABLE LRG COON 3P MF 45' 2" (13.6M)
L462P	L462PP	TRUNK CABLE LRG COON 3P MF 46' 2" (13.9M)
L472P	L472PP	TRUNK CABLE LRG COON 3P MF 47' 2" (14.2M)
L482P	L482PP	TRUNK CABLE LRG COON 3P MF 48' 2" (14.5M)
L492P	L492PP	TRUNK CABLE LRG COON 3P MF 49' 2" (14.8M)
L502P	L502PP	TRUNK CABLE LRG COON 3P MF 50' 2" (15.1M)
L512P	L512PP	TRUNK CABLE LRG COON 3P MF 51' 2" (15.4M)
L522P	L522PP	TRUNK CABLE LRG COON 3P MF 52' 2" (15.7M)
L532P	L532PP	TRUNK CABLE LRG COON 3P MF 53' 2" (16.0M)
L542P	L542PP	TRUNK CABLE LRG COON 3P MF 54' 2" (16.3M)
L552P	L552PP	TRUNK CABLE LRG COON 3P MF 55' 2" (16.6M)
L562P	L562PP	TRUNK CABLE LRG COON 3P MF 56' 2" (16.9M)
L572P	L572PP	TRUNK CABLE LRG COON 3P MF 57' 2" (17.2M)
L582P	L582PP	TRUNK CABLE LRG COON 3P MF 58' 2" (17.5M)
L592P	L592PP	TRUNK CABLE LRG COON 3P MF 59' 2" (17.8M)
L602P	L602PP	TRUNK CABLE LRG COON 3P MF 60' 2" (18.1M)
L612P	L612PP	TRUNK CABLE LRG COON 3P MF 61' 2" (18.4M)
L622P	L622PP	TRUNK CABLE LRG COON 3P MF 62' 2" (18.7M)
L632P	L632PP	TRUNK CABLE LRG COON 3P MF 63' 2" (19.0M)
L642P	L642PP	TRUNK CABLE LRG COON 3P MF 64' 2" (19.3M)
L652P	L652PP	TRUNK CABLE LRG COON 3P MF 65' 2" (19.6M)
L662P	L662PP	TRUNK CABLE LRG COON 3P MF 66' 2" (19.9M)
L672P	L672PP	TRUNK CABLE LRG COON 3P MF 67' 2" (20.2M)
L682P	L682PP	TRUNK CABLE LRG COON 3P MF 68' 2" (20.5M)
L692P	L692PP	TRUNK CABLE LRG COON 3P MF 69' 2" (20.8M)
L702P	L702PP	TRUNK CABLE LRG COON 3P MF 70' 2" (21.1M)
L712P	L712PP	TRUNK CABLE LRG COON 3P MF 71' 2" (21.4M)
L722P	L722PP	TRUNK CABLE LRG COON 3P MF 72' 2" (21.7M)
L732P	L732PP	TRUNK CABLE LRG COON 3P MF 73' 2" (22.0M)
L742P	L742PP	TRUNK CABLE LRG COON 3P MF 74' 2" (22.3M)
L752P	L752PP	TRUNK CABLE LRG COON 3P MF 75' 2" (22.6M)
L762P	L762PP	TRUNK CABLE LRG COON 3P MF 76' 2" (22.9M)
L772P	L772PP	TRUNK CABLE LRG COON 3P MF 77' 2" (23.2M)
L782P	L782PP	TRUNK CABLE LRG COON 3P MF 78' 2" (23.5M)
L792P	L792PP	TRUNK CABLE LRG COON 3P MF 79' 2" (23.8M)
L802P	L802PP	TRUNK CABLE LRG COON 3P MF 80' 2" (24.1M)
L812P	L812PP	TRUNK CABLE LRG COON 3P MF 81' 2" (24.4M)
L822P	L822PP	TRUNK CABLE LRG COON 3P MF 82' 2" (24.7M)
L832P	L832PP	TRUNK CABLE LRG COON 3P MF 83' 2" (25.0M)
L842P	L842PP	TRUNK CABLE LRG COON 3P MF 84' 2" (25.3M)
L852P	L852PP	TRUNK CABLE LRG COON 3P MF 85' 2" (25.6M)
L862P	L862PP	TRUNK CABLE LRG COON 3P MF 86' 2" (25.9M)
L872P	L872PP	TRUNK CABLE LRG COON 3P MF 87' 2" (26.2M)
L882P	L882PP	TRUNK CABLE LRG COON 3P MF 88' 2" (26.5M)
L892P	L892PP	TRUNK CABLE LRG COON 3P MF 89' 2" (26.8M)
L902P	L902PP	TRUNK CABLE LRG COON 3P MF 90' 2" (27.1M)
L912P	L912PP	TRUNK CABLE LRG COON 3P MF 91' 2" (27.4M)
L922P	L922PP	TRUNK CABLE LRG COON 3P MF 92' 2" (27.7M)
L932P	L932PP	TRUNK CABLE LRG COON 3P MF 93' 2" (28.0M)
L942P	L942PP	TRUNK CABLE LRG COON 3P MF 94' 2" (28.3M)
L952P	L952PP	TRUNK CABLE LRG COON 3P MF 95' 2" (28.6M)
L962P	L962PP	TRUNK CABLE LRG COON 3P MF 96' 2" (28.9M)
L972P	L972PP	TRUNK CABLE LRG COON 3P MF 97' 2" (29.2M)
L982P	L982PP	TRUNK CABLE LRG COON 3P MF 98' 2" (29.5M)
L992P	L992PP	TRUNK CABLE LRG COON 3P MF 99' 2" (29.8M)
L1002P	L1002PP	TRUNK CABLE LRG COON 3P MF 100' 2" (30.1M)

STANDARD	PLENUM	DESCRIPTION
D12P	D12PP	DROP CABLE MED COON 3P M SBL COON 3P F 1' 0" (3.0M)
D22P	D22PP	DROP CABLE MED COON 3P M SBL COON 3P F 2' 0" (6.0M)
D32P	D32PP	DROP CABLE MED COON 3P M SBL COON 3P F 3' 0" (9.0M)
D411P	D411PP	DROP CABLE MED COON 3P M SBL COON 3P F 4' 11" (1.5M)
D42	D42P	DROP CABLE MED COON 3P M SBL COON 3P F 4' 2" (1.2M)
D52P	D52PP	DROP CABLE MED COON 3P M SBL COON 3P F 5' 0" (1.5M)
D62P	D62PP	DROP CABLE MED COON 3P M SBL COON 3P F 6' 0" (1.8M)
D72P	D72PP	DROP CABLE MED COON 3P M SBL COON 3P F 7' 0" (2.1M)
D82P	D82PP	DROP CABLE MED COON 3P M SBL COON 3P F 8' 0" (2.4M)
D92P	D92PP	DROP CABLE MED COON 3P M SBL COON 3P F 9' 0" (2.7M)
D102P	D102PP	DROP CABLE MED COON 3P M SBL COON 3P F 10' 0" (3.0M)
D112P	D112PP	DROP CABLE MED COON 3P M SBL COON 3P F 11' 0" (3.3M)
D122P	D122PP	DROP CABLE MED COON 3P M SBL COON 3P F 12' 0" (3.6M)
D132P	D132PP	DROP CABLE MED COON 3P M SBL COON 3P F 13' 0" (3.9M)
D142P	D142PP	DROP CABLE MED COON 3P M SBL COON 3P F 14' 0" (4.2M)
D152P	D152PP	DROP CABLE MED COON 3P M SBL COON 3P F 15' 0" (4.5M)
D162P	D162PP	DROP CABLE MED COON 3P M SBL COON 3P F 16' 0" (4.8M)
D172P	D172PP	DROP CABLE MED COON 3P M SBL COON 3P F 17' 0" (5.1M)
D182P	D182PP	DROP CABLE MED COON 3P M SBL COON 3P F 18' 0" (5.4M)
D192P	D192PP	DROP CABLE MED COON 3P M SBL COON 3P F 19' 0" (5.7M)
D202P	D202PP	DROP CABLE MED COON 3P M SBL COON 3P F 20' 0" (6.0M)
D211P	D211PP	DROP CABLE MED COON 3P M SBL COON 3P F 21' 11" (6.6M)
D221P	D221PP	DROP CABLE MED COON 3P M SBL COON 3P F 22' 11" (6.9M)
D231P	D231PP	DROP CABLE MED COON 3P M SBL COON 3P F 23' 11" (7.2M)
D242P	D242PP	DROP CABLE MED COON 3P M SBL COON 3P F 24' 2" (7.3M)
D252P	D252PP	DROP CABLE MED COON 3P M SBL COON 3P F 25' 2" (7.6M)
D262P	D262PP	DROP CABLE MED COON 3P M SBL COON 3P F 26' 2" (7.9M)
D272P	D272PP	DROP CABLE MED COON 3P M SBL COON 3P F 27' 2" (8.2M)
D282P	D282PP	DROP CABLE MED COON 3P M SBL COON 3P F 28' 2" (8.5M)
D292P	D292PP	DROP CABLE MED COON 3P M SBL COON 3P F 29' 2" (8.8M)
D302P	D302PP	DROP CABLE MED COON 3P M SBL COON 3P F 30' 2" (9.1M)
D312P	D312PP	DROP CABLE MED COON 3P M SBL COON 3P F 31' 2" (9.4M)
D322P	D322PP	DROP CABLE MED COON 3P M SBL COON 3P F 32' 2" (9.7M)

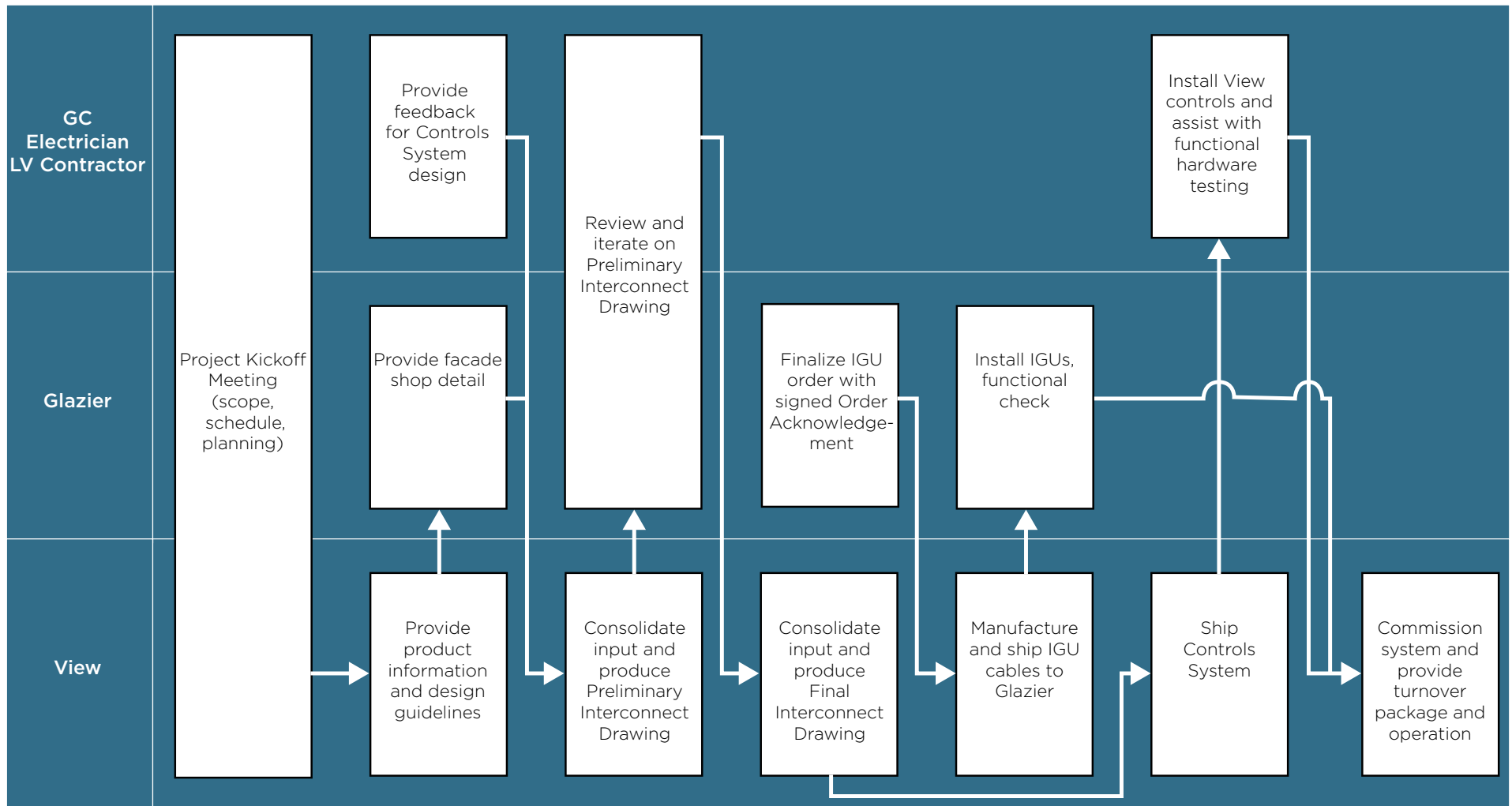
STANDARD	PLENUM	DESCRIPTION
I12P	I12PP	IGU CABLE SBL COON 3P MF 1' 0" (3.0M)
I22P	I22PP	IGU CABLE SBL COON 3P MF 2' 0" (6.0M)
I32P	I32PP	IGU CABLE SBL COON 3P MF 3' 0" (9.0M)
I411P	I411PP	IGU CABLE SBL COON 3P MF 4' 11" (1.5M)
I42	I42P	IGU CABLE SBL COON 3P MF 4' 2" (1.2M)
I52P	I52PP	IGU CABLE SBL COON 3P MF 5' 0" (1.5M)
I62P	I62PP	IGU CABLE SBL COON 3P MF 6' 0" (1.8M)
I72P	I72PP	IGU CABLE SBL COON 3P MF 7' 0" (2.1M)
I82P	I82PP	IGU CABLE SBL COON 3P MF 8' 0" (2.4M)
I92P	I92PP	IGU CABLE SBL COON 3P MF 9' 0" (2.7M)
I102P	I102PP	IGU CABLE SBL COON 3P MF 10' 0" (3.0M)
I112P	I112PP	IGU CABLE SBL COON 3P MF 11' 0" (3.3M)
I122P	I122PP	IGU CABLE SBL COON 3P MF 12' 0" (3.6M)
I132P	I132PP	IGU CABLE SBL COON 3P MF 13' 0" (3.9M)
I142P	I142PP	IGU CABLE SBL COON 3P MF 14' 0" (4.2M)
I152P	I152PP	IGU CABLE SBL COON 3P MF 15' 0" (4.5M)
I162P	I162PP	IGU CABLE SBL COON 3P MF 16' 0" (4.8M)
I172P	I172PP	IGU CABLE SBL COON 3P MF 17' 0" (5.1M)
I182P	I182PP	IGU CABLE SBL COON 3P MF 18' 0" (5.4M)
I192P	I192PP	IGU CABLE SBL COON 3P MF 19' 0" (5.7M)
I202P	I202PP	IGU CABLE SBL COON 3P MF 20' 0" (6.0M)
I211P	I211PP	IGU CABLE SBL COON 3P MF 21' 11" (6.6M)
I221P	I221PP	IGU CABLE SBL COON 3P MF 22' 11" (6.9M)
I231P	I231PP	IGU CABLE SBL COON 3P MF 23' 11" (7.2M)
I242P	I242PP	IGU CABLE SBL COON 3P MF 24' 2" (7.3M)
I252P	I252PP	IGU CABLE SBL COON 3P MF 25' 2" (7.6M)
I262P	I262PP	IGU CABLE SBL COON 3P MF 26' 2" (7.9M)
I272P	I272PP	IGU CABLE SBL COON 3P MF 27' 2" (8.2M)
I282P	I282PP	IGU CABLE SBL COON 3P MF 28' 2" (8.5M)
I292P	I292PP	IGU CABLE SBL COON 3P MF 29' 2" (8.8M)
I302P	I302PP	IGU CABLE SBL COON 3P MF 30' 2" (9.1M)
I312P	I312PP	IGU CABLE SBL COON 3P MF 31' 2" (9.4M)
I322P	I322PP	IGU CABLE SBL COON 3P MF 32' 2" (9.7M)
I332P	I332PP	IGU CABLE SBL COON 3P MF 33' 2" (10.0M)
I342P	I342PP	IGU CABLE SBL COON 3P MF 34' 2" (10.3M)
I352P	I352PP	IGU CABLE SBL COON 3P MF 35' 2" (10.6M)
I362P	I362PP	IGU CABLE SBL COON 3P MF 36' 2" (10.9M)
I372P	I372PP	IGU CABLE SBL COON 3P MF 37' 2" (11.2M)
I382P	I382PP	IGU CABLE SBL COON 3P MF 38' 2" (11.5M)
I392P	I392PP	IGU CABLE SBL COON 3P MF 39' 2" (11.8M)
I402P	I402PP	IGU CABLE SBL COON 3P MF 40' 2" (12.1M)
I412P	I412PP	IGU CABLE SBL COON 3P MF 41' 2" (12.4M)
I422P	I422PP	IGU CABLE SBL COON 3P MF 42' 2" (12.7M)
I432P	I432PP	IGU CABLE SBL COON 3P MF 43' 2" (13.0M)
I442P	I442PP	IGU CABLE SBL COON 3P MF 44' 2" (13.3M)
I452P	I452PP	IGU CABLE SBL COON 3P MF 45' 2" (13.6M)
I462P	I462PP	IGU CABLE SBL COON 3P MF 46' 2" (13.9M)
I472P	I472PP	IGU CABLE SBL COON 3P MF 47' 2" (14.2M)
I482P	I482PP	IGU CABLE SBL COON 3P MF 48' 2" (14.5M)
I492P	I492PP	IGU CABLE SBL COON 3P MF 49' 2" (14.8M)
I502P	I502PP	IGU CABLE SBL COON 3P MF 50' 2" (15.1M)
I512P	I512PP	IGU CABLE SBL COON 3P MF 51' 2" (15.4M)
I522P	I522PP	IGU CABLE SBL COON 3P MF 52' 2" (15.7M)
I532P	I532PP	IGU CABLE SBL COON 3P MF 53' 2" (16.0M)
I542P	I542PP	IGU CABLE SBL COON 3P MF 54' 2" (16.3M)
I552P	I552PP	IGU CABLE SBL COON 3P MF 55' 2" (16.6M)
I562P	I562PP	IGU CABLE SBL COON 3P MF 56' 2" (16.9M)
I572P	I572PP	IGU CABLE SBL COON 3P MF 57' 2" (17.2M)
I582P	I582PP	IGU CABLE SBL COON 3P MF 58' 2" (17.5M)
I592P	I592PP	IGU CABLE SBL COON 3P MF 59' 2" (17.8M)
I602P	I602PP	IGU CABLE SBL COON 3P MF 60' 2" (18.1M)
I612P	I612PP	IGU CABLE SBL COON 3P MF 61' 2" (18.4M)
I622P	I622PP	IGU CABLE SBL COON 3P MF 62' 2" (18.7M)
I632P	I632PP	IGU CABLE SBL COON 3P MF 63' 2" (19.0M)
I642P	I642PP	IGU CABLE SBL COON 3P MF 64' 2" (19.3M)
I652P	I652PP	IGU CABLE SBL COON 3P MF 65' 2" (19.6M)
I662P	I662PP	IGU CABLE SBL COON 3P MF 66' 2" (19.9M)
I672P	I672PP	IGU CABLE SBL COON 3P MF 67' 2" (20.2M)
I682P	I682PP	IGU CABLE SBL COON 3P MF 68' 2" (20.5M)
I692P	I692PP	IGU CABLE SBL COON 3P MF 69' 2" (20.8M)
I702P	I702PP	IGU CABLE SBL COON 3P MF 70' 2" (21.1M)
I712P	I712PP	IGU CABLE SBL COON 3P MF 71' 2" (21.4M)
I722P	I722PP	IGU CABLE SBL COON 3P MF 72' 2" (21.7M)
I732P	I732PP	IGU CABLE SBL COON 3P MF 73' 2" (22.0M)
I742P	I742PP	IGU CABLE SBL COON 3P MF 74' 2" (22.3M)
I752P	I752PP	IGU CABLE SBL COON 3P MF 75' 2" (22.6M)
I762P	I762PP	IGU CABLE SBL COON 3P MF 76' 2" (22.9M)
I772P	I772PP	IGU CABLE SBL COON 3P MF 77' 2" (23.2M)
I782P	I782PP	IGU CABLE SBL COON 3P MF 78' 2" (23.5M)
I792P	I792PP	IGU CABLE SBL COON 3P MF 79' 2" (23.8M)
I802P	I802PP	IGU CABLE SBL COON 3P MF 80' 2" (24.1M)
I812P	I812PP	IGU CABLE SBL COON 3P MF 81' 2" (24.4M)
I822P	I822PP	IGU CABLE SBL COON 3P MF 82' 2" (24.7M)
I832P	I832PP	IGU CABLE SBL COON 3P MF 83' 2" (25.0M)
I842P	I842PP	IGU CABLE SBL COON 3P MF 84' 2" (25.3M)
I852P	I852PP	IGU CABLE SBL COON 3P MF 85' 2" (25.6M)
I862P	I862PP	IGU CABLE SBL COON 3P MF 86' 2" (25.9M)
I872P	I872PP	IGU CABLE SBL COON 3P MF 87' 2" (26.2M)
I882P	I882PP	IGU CABLE SBL COON 3P MF 88' 2" (26.5M)
I892P	I892PP	IGU CABLE SBL COON 3P MF 89' 2" (26.8M)
I902P	I902PP	IGU CABLE SBL COON 3P MF 90' 2" (27.1M)
I912P	I912PP	IGU CABLE SBL COON 3P MF 91' 2" (27.4M)
I922P	I922PP	IGU CABLE SBL COON 3P MF 92' 2" (27.7M)

List of typically used Data Sheets

- IGU
- IGU Cable
- Drop Cable
- Trunk Cable
- Power Cable
- Door Loop
- Power Injection Panel
- Window Controller
- Sky Sensor

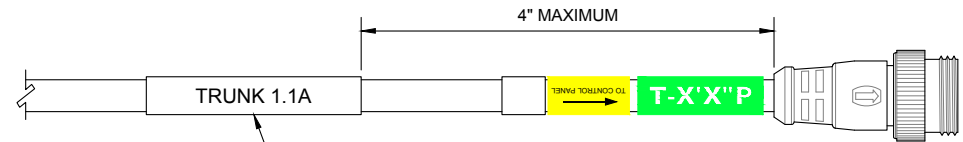
Datasheets are available [here](#) on the View website

Glass Implementation Process



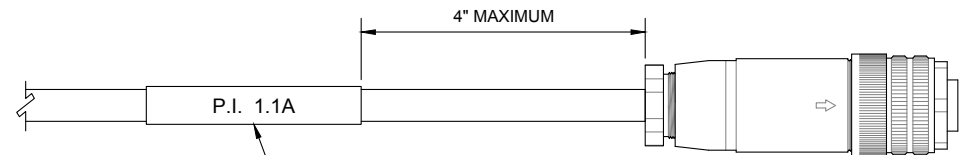
Proper Cable Labeling

1. MACHINE PRINTED LABEL SHOULD BE LOCATED WITHIN 4" OF CABLE END.
2. EACH LABEL SHOULD BE MACHINE PRINTED - BLACK PRINT ON WHITE MATERIAL.
3. USE PROPORTIONAL FONT, MINIMUM 14 PT BOLD.
4. CABLE IDENTIFIER SHOULD APPEAR TWO TIMES ON THE LABEL FOR VISIBILITY.
5. LABELS SHOULD BE OF PERMANENT TYPE MATERIAL.
6. HAND WRITTEN LABELS SHOULD NOT BE USED.
7. DO NOT MAKE LABELS FROM MASKING TAPE, ELECTRICAL TAPE, DUCT TAPE, PAPER COVERED SCOTCH TAPE OR ANY NON LABEL MATERIAL.
8. WIRE MARKER TAPE CAN BE USED FOR IGU CABLES. USE NUMBER TO MATCH IGU MARKING ON INTERCONNECT.
9. LABELS AND MARKER TAPE NOT PROVIDED BY VIEW.
10. TESTED LABEL, PROVIDED BY VIEW, TO BE PLACED ON EACH END OF CABLE AFTER INSTALLATION AND TESTING.



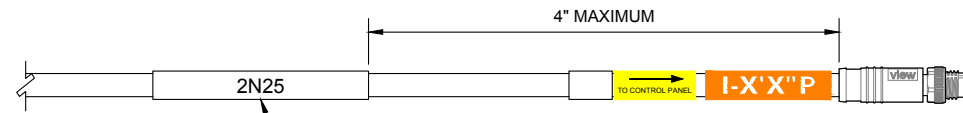
WRAPPED LABEL, TRUNK NAME, BOTH ENDS OF FIRST TRUNK SEGMENT FROM CONTROL PANEL

TRUNK CABLES



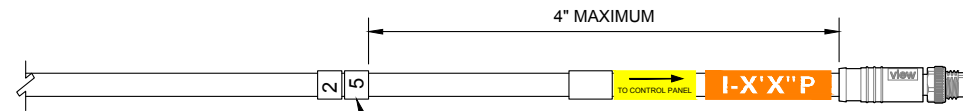
WRAPPED LABEL, POWER INSERT NAME, BOTH ENDS OF CABLE

POWER INSERT CABLES



WRAPPED LABEL, IGU WC NAME, BY GLAZIER, MALE END OF CABLE OUTSIDE OF FRAME

IGU CABLES



WIRE MARKER TAPE, IGU WC NUMBER, BY GLAZIER, MALE END OF CABLE OUTSIDE OF FRAME

IGU CABLES, OPTIONAL

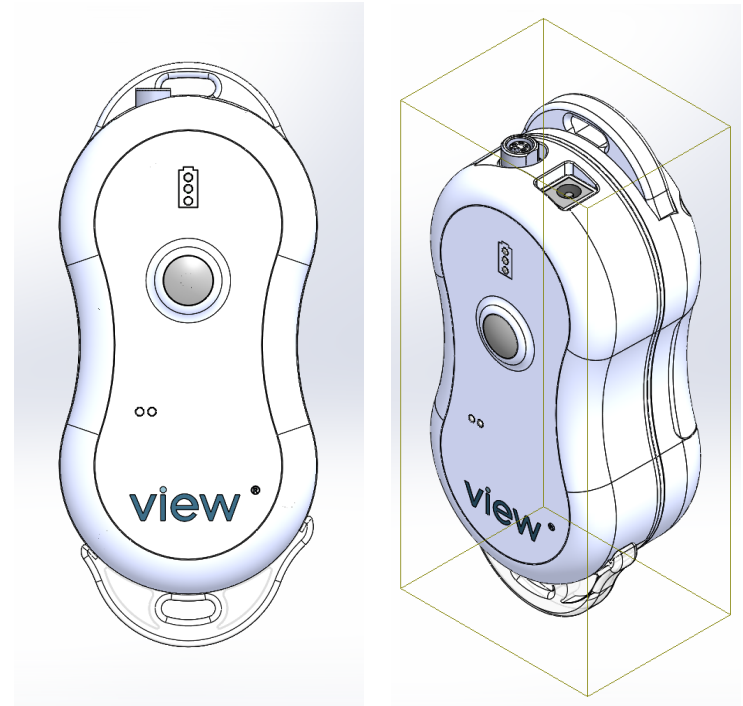


TESTED LABEL

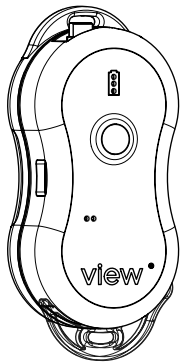
GTT (Glazier Test Tool)

The View Glazier Test Tool (GTT) is a portable convenient way to test View IGU, IGU pigtail and cable operation. In a 30-60 second test, the GTT will indicate whether the windows, pigtails, and cables are connected and operating properly. This device should be used on all View installations as per below instructions.

This device is designed for use by Glaziers, Low-Voltage Electricians and View FSE's who install and test View Smart Windows.



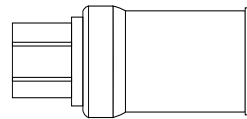
What's Included:



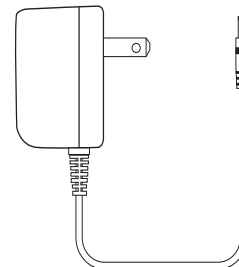
Glazier Test Tool
010-101781



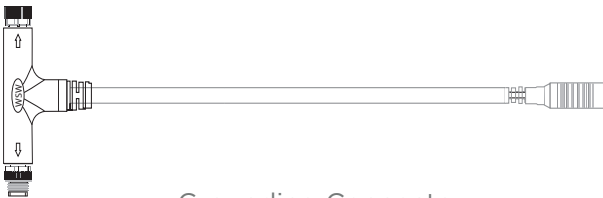
Silicon Cover
020-101673



Pigtail Caps (x10)
370-101509



DC Charger
750-101502



Grounding Connector
370-101516



Alligator Clip Cable
380-101558