

AUDIO VISUAL - GENERAL NOTES

- 1 CONTRACTOR IS RESPONSIBLE FOR FAMILIARIZING THEMSELVES WITH THE ENTIRE AREA OF WORK PRIOR TO COMMENCING WORK IN THAT AREA, INCLUDING ADJACENT AREAS AND OTHER EQUIPMENT, COMPONENTS, OR SYSTEMS TO BE INSTALLED. BRING DISCREPANCIES TO THE ATTENTION OF THE OWNER& REPRESENTATIVE PRIOR TO COMMENCEMENT OF THE WORK.
- 2 COORDINATE THE WORK TO SUPPORT THE AV CABLING INFRASTRUCTURE AND DEVICES, INCLUDING, BUT NOT LIMITED TO, POWER, CEILING COMPONENTS, MILLWORK, PATHWAYS, RACEWAYS, SLEEVES, CONDUITS, CABLE TRAYS, SUPPORT SYSTEMS, BACKBOARDS, ETC.
- 3 PROVIDE ALL WORK NECESSARY TO SUPPORT THE AUDIOVISUAL SYSTEMS, INCLUDING CONDUIT RUNS AND PATHWAYS, FLOOR BOXES, CUT-IN BOXES, JUNCTION BOXES, CONDUIT STUB-UPS, ELECTRICAL POWER OUTLETS.
- 4 MATCH ALL FACEPLATE FINISHES TO ELECTRICAL OUTLET FACEPLATE FINISH, OR AS DIRECTED BY THE ARCHITECT, UNLESS OTHERWISE NOTED.
- 5 SUPPORT CABLES INSTALLED CEILING SPACES USING J-HOOKS OR SADDLES ON 5 FOOT CENTER (MAXIMUM). MAXIMUM NUMBER OF CABLES PER J-HOOK SHALL BE EQUAL TO THE CROSS SECTIONAL AREA OF 32 CATEGORY 5E CABLES FOR 50 mm J-HOOKS AND 200 FOR SADDLES.
- 6 CABLES, FACEPLATES, AND PATCH PANELS SHALL BE LABELED AT BOTH ENDS USING A MACHINE GENERATED LABEL (PANDUIT, BRADY OR EQUAL) . NO HAND WRITTEN LABELS SHALL BE PERMITTED.
- 7 THE DRAWINGS AND SPECIFICATIONS ARE COMPLEMENTARY. COMPLY WITH THE REQUIREMENTS OF BOTH.WHERE DRAWINGS AND SPECIFICATIONS ARE IN CONFLICT, REQUEST CLARIFICATION FROM THE OWNER IN WRITING.
- 8 WHERE INSTALLATION METHODS AND REQUIREMENTS ARE NOT IDENTIFIED IN THE ABOVE REFERENCED CODES, STANDARDS AND PRACTICES, OR IN THE CONTRACT DOCUMENTS, COMPLY WITH THE RECOMMENDATIONS AND METHODS OF THE FOLLOWING REFERENCES.
- A. BICSI. TELECOMMUNICATIONS DISTRIBUTION METHODS MANUAL (TDMM), 12TH EDITION, 2009.
- B. BICSI. INFORMATION TECHNOLOGY SYSTEMS INSTALLATION METHODS MANUAL, 6TH EDITION.
- C. INFOCOMM-BICSI. AV DESIGN REFERENCE MANUAL, 1ST EDITION, 2006.
- 9 PLACE PROJECTION SCREENS A MINIMUM OF 1" FROM THE NEAREST WALL TO AVOID CONFLICT BETWEEN THE PROJECTION SCREEN FABRIC AND DEVICES BEHIND THE SCREEN, SUCH AS WHITEBOARDS, FLAT PANEL DISPLAYS, AND ELECTRICAL DEVICES.
- 10 WHERE COMPONENTS AND EQUIPMENT REQUIRED FOR THE AV SYSTEM ARE NOT INDICATED AS PORTABLE, SECURE COMPONENTS AND EQUIPMENT IN PLACE AS RECOMMENDED OR INDICATED BY THE MANUFACTURER AND REQUIRED BY ALL RELEVANT CODES. PROVIDE STRUCTURAL CALCULATIONS FOR ATTACHMENTS AND FASTENINGS IF REQUIRED.

AUDIO VISUAL - ELECTRICAL NOTES

- VERIFY AND COORDINATE SIZES, DIMENSIONS AND LOCATIONS OF AV ELECTRICAL DEVICES WITH ARCHITECTURAL, ELECTRICAL, MECHANICAL AND PLUMBING DRAWINGS.
- 1 AUDIOVISUAL EQUIPMENT SHOWN ON THESE PLANS IS SPECIFIED UNDER DIVISION 27, SECTIONS 274000 THROUGH 275100 AND IS NOT INCLUDED IN WORK COVERED BY DIVISION 26 SPECIFICATIONS. COORDINATE WORK BETWEEN DIVISION 27 AND DIVISION 26 WORKS.
- 2 WHERE EXACT DIMENSIONS ARE CALLED FOR THE REFERENCE SURFACE FOR THE MEASUREMENT SHALL BE THE FINISHED WALL SURFACE FOR ALL DEVICES EXCEPT FLOOR BOXES. THE REFERENCE SURFACE FOR FLOOR BOXES SHALL BE A COLUMN LINE.
- 3 WHERE POWER, COMMUNICATION, AND AV LOW VOLTAGE ELECTRICAL BOXES AND DEVICES ARE GROUPED TOGETHER AT THE SAME LOCATION, MOUNT THE BOXES AS CLOSE TOGETHER AS PHYSICALLY POSSIBLE, WHILE LEAVING SUFFICIENT SPACE FOR COVER PLATES.
- 4 ELECTRICAL POWER RECEPTACLES CIRCUITS SHOWN ON THESE DRAWINGS ARE REQUIRED FOR USE OF AUDIO, VIDEO, CONFERENCING AND AUDIOVISUAL CONTROL EQUIPMENT. ADDITIONAL ELECTRICAL RECEPTACLES MAY BE INDICATED ON THE ELECTRICAL DRAWINGS OR REQUIRED BY CODE. COORDINATE BETWEEN THE ELECTRICAL DRAWINGS AND THE AV DRAWINGS.
- 5 PROVIDE CIRCUITING FOR ELECTRICAL POWER RECEPTACLES CIRCUITS SHOWN ON THESE DRAWINGS FROM THE SAME PANEL FOR ALL DEVICES IN THE SAME ROOM. IF POSSIBLE, USE THE SAME LEG (PHASE) FOR CIRCUITS IN THE SAME ROOM. DO NOT SHARE CIRCUITS WITH OTHER DEVICES, EXCEPT FOR THOSE CONNECTED TO THE AUDIOVISUAL SYSTEM.
- 6 WHERE ELECTRICAL RECEPTACLES ARE SHOWN ON THESE DRAWINGS AND DO NOT REFER TO A SPECIFIC CIRCUIT, PANEL OR ISOLATED GROUND, THESE CIRCUITS MAY BE POWERED FROM STANDARD BUILDING POWER CIRCUIT PANELS AND ARE NOT REQUIRED TO HAVE ISOLATED GROUNDS.
- 7 AUDIOVISUAL CIRCUITS SHALL BE KEPT ISOLATED FROM INTERFERENCE CAUSED BY LIGHTING DIMMERS, LARGE MOTORIZED EQUIPMENT, INDUCTIVE LOADS AND LOADS WITH LARGE IN-RUSH CURRENT.
- 8 EMPTY CONDUIT RUNS SHOWN ON THESE DRAWINGS OR ON OTHER DRAWINGS FOR USE IN CONNECTING THE AUDIOVISUAL EQUIPMENT SHALL BE CLEANED, DEBURRED, TAPED, LABELED AT BOTH ENDS AND AT PULL AND JUNCTION BOXES, AND PROVIDED WITH A PULL STRING BY THE INSTALLER OF THE CONDUIT.
- 9 RUN EMPTY CONDUIT FOR USE IN CONNECTING THE COMPONENTS OF THE AV SYSTEMS A MINIMUM OF FOUR FEET AWAY FROM PARALLEL CONDUITS CONTAINING ELECTRICAL POWER CONDUCTORS.
- 10 PROVIDE A PULL BOX IN THE RUN FOR EACH RUN IN EXCESS OF 100 FEET OR WHERE THE NUMBER OF BENDS EXCEEDS THREE OR WHERE THERE ARE MORE THAN 270 DEGREES OF DIRECTIONAL CHANGE.
- 11 ALL CONDUITS SHALL BE 1" EMT UNLESS OTHERWISE NOTED. CONDUIT SIZES ARE GIVEN BASED ON USE OF EMT. WHERE FLEXIBLE CONDUIT IS USED, INCREASE THE CONDUIT SIZE BY ONE TRADE SIZE (I.E., USE 1-1/4" FLEXIBLE CONDUIT AS A SUBSTITUTE FOR 1-EMT).
- 12 PROVIDE A PULL STRING IN ALL CONDUITS.

AUDIO VISUAL - ARCHITECTURAL AND INTERIORS COORDINATION

- 1 VERIFY AND COORDINATE DEVICE SIZES, DIMENSIONS AND LOCATIONS WITH ARCHITECTURAL, ELECTRICAL, MECHANICAL AND PLUMBING DRAWINGS.
- 2 WHERE CONFLICTS BETWEEN AUDIOVISUAL, ELECTRICAL AND INTERIOR DRAWINGS OCCUR, ARCHITECTURAL DRAWINGS TAKE PRECEDENCE, EXCEPT IN THE CASE OF CONFLICTS WITH OPTICAL PROJECTION DEVICES. IN THE CASE OF CONFLICTS WITH OPTICAL PROJECTION DEVICES, BRING SUCH CONFLICT TO THE ATTENTION OF THE OWNER& REPRESENTATIVE PRIOR TO PROCEEDING WITH CONSTRUCTION OR FABRICATION.
- 3 WHERE EXACT DIMENSIONS ARE CALLED FOR THE REFERENCE SURFACE FOR THE MEASUREMENT SHALL BE THE FINISHED WALL SURFACE FOR ALL DEVICES EXCEPT FLOOR BOXES. THE REFERENCE SURFACE FOR FLOOR BOXES SHALL BE A COLUMN LINE
- 4 MILLWORK, FIXTURES, WALLS, CEILINGS AND FLOORS IN PROJECTION ROOMS AND REAR PROJECTION PLENUMS SHALL BE FINISHED IN FLAT BLACK. SPECULAR AND REFLECTIVE SURFACES SHALL NOT BE USED IN THESE SPACES.
- 5 WHERE AUDIOVISUAL DEVICES, SUCH AS MICROPHONES, LOUDSPEAKERS, INTERFACE PLATES, OR INTERCONNECTION DEVICES ARE FASTENED OR ATTACHED TO MILLWORK, CASEWORK, OR FURNITURE, PROVIDE MANUFACTURER& DIMENSIONAL DRAWINGS TO THE OWNER'S REPRESENTATIVE UPON REQUEST. IF REQUESTED, ALSO PROVIDE A PHYSICAL SAMPLE OF THE DEVICE TO THE OWNER'S REPRESENTATIVE FOR USE IN COORDINATING THE INSTALLATION OF THE DEVICES.
- 6 WHERE PLASTIC OR METAL LOUDSPEAKER GRILLES ARE USED IN PAINTED WALLS OR CEILINGS, THE LOUDSPEAKER GRILLES SHALL BE PAINTED TO MATCH THE SURROUNDING SURFACE. PAINTING SHALL OCCUR PRIOR TO INSTALLATION AND ASSEMBLY OF THE LOUDSPEAKERS.
- 7 FRONT PROJECTION SCREENS SHALL BE PROVIDED WITH EXTRA BLACK DROP AT THE TOP OF THE SCREEN TO PLACE THE BOTTOM OF THE SCREEN AT 42" AFF. UNLESS ANOTHER HEIGHT IS INDICATED.DIMENSIONS IN THESE DRAWINGS ARE THE CLEAR IMAGE AREA OF THE SCREEN, EXCLUSIVE OF ANY BLACK DROP, EDGE BORDER, OR WEIGHT BAR.

AUDIO VISUAL - SYSTEMS INTERCONNECTION NOTES

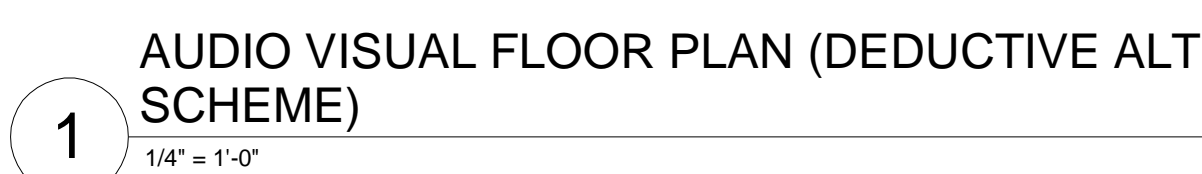
- 1 WHERE THE AUDIOVISUAL SYSTEMS INTERCONNECT TO AND/OR OTHER SYSTEMS OR DEVICES PROVIDED BY OTHERS, ARRANGE COORDINATION WITH THE INSTALLER AND MANUFACTURER OF THOSE DEVICES TO ENSURE PROPER INTERCONNECTION BETWEEN THE SYSTEMS AND TO PROVIDE CORRECT OPERATIONS OF THOSE DEVICES FROM THE AUDIOVISUAL SYSTEMS.
- 2 SUCH SYSTEMS INCLUDE, BUT ARE NOT LIMITED TO, LIGHTING SYSTEMS, DRAPERY & SHADE SYSTEMS, PROJECTION SCREENS, PROJECTOR CONCEALMENT DEVICES (LIFTS, MIRRORS, ETC.), HVAC SYSTEMS, TELECOMMUNICATIONS AND TELEPHONE SYSTEMS, DATA NETWORKS, OR SECURITY SYSTEMS



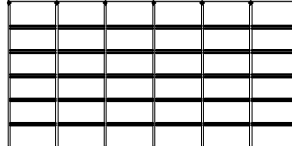
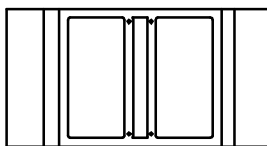


AV DEVICE LEGEND	
	MEDIUM FLAT PANEL LCD DISPLAY ON ARTICULATING WALL MOUNT. CHIEF PAC522 BACKBOX, 1" CONDUIT, 120 AC.
	PROJECTION SCREEN. ELECTRIC KEY TO PROJECTION LEGEND IS SHOWN BELOW TENSIONING: T=TENSIONED, B=UNTENSIONED Y=MOUNTING: R=RECESSED, S=SURFACE Z=SCREEN ASPECT RATIO: H=16:9, A=4:3, S=1:1 #=#SCREEN DIAGONAL IN INCHES PS=PROJECTION SCREEN
	70 VOLT PROGRAM SPEAKER. CEILING MOUNTED WITH INTEGRATED BACK BOX.
	VIDEO PROJECTOR MOUNTED ON TILE BRIDGE MOUNT WITH ELECTRICAL RECEPTACLE
	CONTROL PANEL, PUSH BUTTON, WALL-MOUNT, WIRED
	FLOOR BOX FSR MODEL #FL-500-2.25" 1 1/2" CONDUIT CHASE TO AIRSPACE ABOVE CEILING.
	AV CONNECTOR PLATE, 2 GANG, 4 SQUARE BACKBOX, 1 1/2" CONDUIT TO AIRSPACE ABOVE CEILING.

AUDIO VISUAL SHEET LIST	
SHEET NUMBER	SHEET NAME
TA001	AUDIO VISUAL LEGEND AND NOTES
TA104A	AUDIO VISUAL FLOOR PLAN (BASE SCHEME)
TA104B	AUDIO VISUAL FLOOR PLAN (DEDUCTIVE ALT SCHEME)
TA401	AUDIO VISUAL DETAILS

<div>Revisions:</div> <div>Date</div>		<div>CONSULTANTS:</div> <div><div><div>GUIDEPOST SOLUTIONS</div><div>TECHNOLOGY DESIGN CONSULTING</div><div>388 17th Street - Suite 230</div><div>Oakland, CA 94612</div><div>Telephone - 510.268.8373</div><div>Fax - 510.839.4791</div><div>Web Site: www.guidepostsolutions.com</div></div></div>		<div></div>		<div>ARCHITECT</div> <div><div><div>POLYTECH ASSOCIATES INC</div><div>POLYTECH ASSOCIATES INC.</div><div>235 Pine Street, 17th Floor</div><div>San Francisco, CA 94104</div><div>TEL (415) 397-3117</div><div>FAX (415) 397-1517</div></div></div>		<div>Drawing Title</div> <div>AUDIO VISUAL LEGEND AND NOTES</div> <div>Approved: Project Director</div>		<div>Project Title</div> <div>MPD - EMERGENCY SERVICE ANNEX POLICE STATION</div> <div>Location</div> <div>795 WILLOW ROAD, MENLO PARK, CA</div> <div>Date</div> <div>NOVEMBER 27, 2013</div> <div>Checked</div> <div>KM</div> <div>Drawn</div> <div>JS</div>		<div>Project Number</div> <div>640-382</div> <div>Building Number</div> <div></div> <div>Drawing Number</div> <div>TA001</div>		<div>Office of Construction and Facilities Management</div> <div></div> <div>Department of Veterans Affairs</div>	
---------------------------------------	--	--	--	-------------	--	--	--	---	--	--	--	--	--	---	--

VA FORM 08-6231

VA FORM 08-6231

TELEDATA DEVICE LEGEND			
SYMBOLS	DESCRIPTION	WIRING	BACKBOX
	WIRELESS POINT ACCESS, CEILING MOUNT	(1) CATEGORY 6 UTP	PER MANUFACTURER RECOMMENDATIONS
	DATA CONNECTION FOR IP-BASED CCTV CAMERA	(1) CATEGORY 6 UTP	DIRECT CONNECTION INTO CAMERA. SEE SECURITY PLANS FOR REQUIREMENTS
	12" LADDER RACK		
	4-POST RACK		
	COMBINATION VOICE/DATA OUTLET	CATEGORY 6 UTP; QTY AS NOTED	4S ELECTRICAL BOX WITH SINGLE GANG RING, 18" AFF U.O.N.
	COMBINATION VOICE/DATA OUTLET FLOOR OUTLET	(2) CATEGORY 6 UTP	COORDINATE FLOOR BOX AND POKE THRU WITH AV AND ELECTRICAL PRIOR TO ROUGH-IN.

TELEDATA SHEET LIST	
SHEET NUMBER	SHEET NAME
TN001	TELEDATA LEGEND AND NOTES
TN104A	TELEDATA FLOOR PLAN (BASE SCHEME)
TN104B	TELEDATA FLOOR PLAN (DEDUCTIVE ALT SCHEME)
TN104C	TELEDATA ROOF PLAN
TN401	TELEDATA DETAILS

TELEDATA INSTALLATION NOTES

1	OBSERVE CODE SEPARATIONS FOR VARIOUS CLASSES OF WIRING.
2	CONFORM TO MANUFACTURER'S WIRING SPECIFICATIONS FOR OPTIMAL SYSTEM OPERATION.
3	ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE. THE CONTRACTOR SHALL NOT INTERMIX ANY WIRES IN ANY CONDUIT.
4	ALL WIRES SHALL BE CONNECTED IN A UNIFORM MANNER. TRANSPOSING OR CHANGING OF COLOR CODES SHALL NOT BE PERMITTED.
5	CONDUITS SHALL NOT BE FILLED TO MORE THAN 40%. PROVIDE PULL STRINGS IN ALL CONDUITS FOR FUTURE USE.
6	CONDUITS SHALL BE SIZED AS INDICATED ON THE DRAWINGS OR LARGER CONDUITS SHALL BE SIZED AS REQUIRED TO COMPLY WITH CODE. MINIMUM ALLOWABLE CONDUIT SIZE SHALL BE 3/4".
7	ALL CONDUITS SHALL RUN PARALLEL WITH OR AT RIGHT ANGLES TO THE WALLS. IF MORE THAN TWO 90 DEGREE BENDS ARE TO BE USED IN THE CONDUIT RUN, INSERT A PULL BOX. CONTRACTOR SHALL SIZE THE BOX ACCORDINGLY.
8	ALL PULL AND JUNCTION BOXES SHALL BE PROVIDED WITH BLANK COVERS. OUTDOOR INSTALLED BOXES AND CONDUIT SHALL BE WEATHERPROOF TYPE.
9	ALL ELECTRICAL POWER SUPPLIED TO TEL/DATA EQUIPMENT SHALL BE ON THE EMERGENCY SYSTEM. ALL CONDUCTORS AND CIRCUIT BREAKERS SHALL BE SIZED IN ACCORDANCE WITH THEIR CONNECTED LOADS. ALL CIRCUITS SHALL BE DEDICATED.
10	ALL TEL/DATA EQUIPMENT POWER BRANCH CIRCUITS SHALL BE PROVIDED WITH LOCKABLE TYPE BREAKERS.
11	THE CONTRACTOR SHALL PROPERLY SEAL ALL CONDUIT OR SLEEVE PENETRATIONS THROUGH RATED WALLS, FLOORS AND CEILINGS USING APPROVED FIRESTOPPING MATERIALS AND SEALANTS.
12	THE CONTRACTOR SHALL CLEAN AND THOROUGHLY CHECK ALL INSTALLED WORK PRIOR TO CONCEALING OR FINISHING.
13	THE CONTRACTOR SHALL CLEAN OR REPAIR ALL SOILED OR PAINTED SURFACES OR DAMAGED ARCHITECTURAL FINISHES TO MATCH WITH THE ADJACENT AREA WHERE REQUIRED. PATCHING OR PAINTING SHALL BE DONE TO BRING THE AFFECTED SURFACE OR FINISH BACK TO ITS ORIGINAL CONDITION.
14	CONDUITS SHALL BE PROVIDED WITH SEISMIC JOINTS OR EXPANSION FITTINGS WHERE INSTALLED ACROSS ANY BUILDING EXPANSION JOINT.
15	WHERE CONCRETE FLOORS ARE TO BE CORED, X-RAY MACHINE SHALL BE USED TO INSURE THAT NO STRUCTURAL ELEMENTS (E.G. REBAR) WILL BE COMPROMISED OR DAMAGED.
16	ALL ROUTES OF CONDUITS ARE DIAGRAMMATIC. CONTRACTOR TO FIELD VERIFY EXACT ROUTING.
17	THE CONTRACTOR SHALL UNDERTAKE THIS WORK IN ITS ENTIRETY IN ACCORDANCE WITH ITS DESIGN AND PURPOSE. ALL WORK SHALL BE CARRIED OUT IN A PROFESSIONAL MANNER WITH MAXIMUM EFFICIENCY AND EXPEDITED WORKMANSHIP.
18	IT IS UNDERSTOOD THAT THE CONTRACTOR HAS READ AND UNDERSTANDS FULLY THE PLANS, SPECIFICATIONS, AND ALL REVISIONS THEREOF. THIS CONTRACTOR HAS ACCEPTED THE WORK AND IS RESPONSIBLE FOR THE SAME.

TELEDATA NOTES

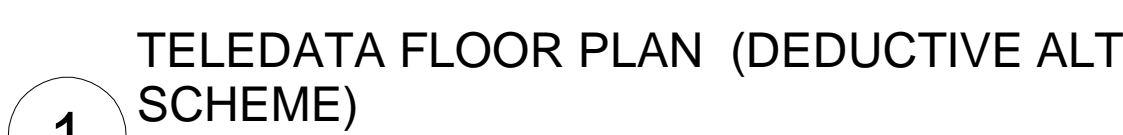
- 1 UNLESS OTHERWISE NOTED, PROVIDE A 4" SQUARE, 2-1/2" DEEP OUTLET BOX WITH SINGLE GANG PLASTER RING AND DEDICATED 1-1/4" EMPTY CONDUIT TO NEAREST IDF, OR NEAREST CABLE PATHWAY AT ALL INACCESSIBLE CEILING SPACE LOCATIONS FOR EACH DATA OUTLET.
- 2 EACH WORKSTATION OR WALL JACK LOCATION SHALL CONSIST OF CATEGORY 6 CABLE RUNS WITH QUANTITY AS NOTED; THE CATEGORY 6 CABLE RUNS SHALL CONSIST OF 4 PAIR, 24 AWG, UTP, PLENUM RATED CABLES.
- 3 THE INSTALLATION AND TERMINATION OF CATEGORY 6 CABLES SHALL COMPLY WITH 568A, IEEE, TSB, AND EIA/TIA SPECIFICATIONS.
- 4 LABELS SHALL BE COMPUTER-GENERATED AND PERMANENTLY ATTACHED TO THE APPARATUS (PATCH PANEL, FACEPLATE) AND CABLES. NUMBERING SCHEME SHALL CONFORM TO EXISTING BUILDING PRACTICE AND IN THE CASE OF MULTIPLE IDF'S, SHALL IDENTIFY THE FLOOR, IDF NUMBER AND JACK NUMBER, SUCH AS 3A-536 (3rd FLOOR ROOM, 5th IDF DESIGNATION, 536th JACK NUMBER). PROVIDE A SAMPLE OF LABEL IDENTIFICATION FOR OWNER APPROVAL PRIOR TO LABEL INSTALLATION.
- 5 A SERVICE COIL OF 10 FEET SHALL BE NEATLY SECURED AND LABELED AT EVERY WORKSTATION LOCATION AND MDF IDF TERMINATION POINT (NORMALLY IN THE CEILING).
- 6 ALL CABLING ROUTED THROUGH THE CEILING INTERSTIAL SHALL BE SUPPORTED WITH A DEDICATED MEANS OF SUPPORT. THE RECOMMENDED MEANS OF SUPPORT CONSISTS OF CABLE TRAYS OR LADDER RACKS IN THE MAIN FLOOR PATHS, AND SUSPENDED J-HOOK TYPE OF SUPPORT FOR THE BRANCH PATHS IN ACCESSIBLE CEILING SPACE.
- 7 CORE DRILL THROUGH FLOORS AND WALLS SHALL BE SUPPORTED WITH EMT CONDUIT SECURED PER LOCAL BUILDING CODE. EACH END OF THE CONDUIT SHALL BE FITTED WITH PROPER FITTINGS AND PLASTIC BUSHINGS.
- 8 FILL CAPACITIES ON ALL CONDUITS SHALL NOT EXCEED 60%; THIS REQUIREMENT IS INCLUSIVE FOR CORE DRILLS, FIRE SLEEVES, AND IO WALL DROPS.
- 9 COMPLY AS APPLICABLE WITH DATA CENTER STANDARDS TIA 942.
- 10 PROVIDE J-HOOKS FOR SUSPENDED CABLES EVERY 4-6 FEET. CABLE LADDERS OR TRAYS FOR IDF AND TELECOM CLOSETS. CABLES SHALL CLEAR HVAC, ELECTRICAL AND LIGHTING EQUIPMENT PER CODE. CABLE LADDERS SHALL HAVE 18"

[illegible]

VA FORM 08-6231

Date





CONTINUE THE SITE CONDUIT FROM THE TELE COMMUNICATIONS VAULT AS SHOWN ON CS501 TO IT CLOSET 113. STUB THE CONDUIT 1 FOOT UP THE WALL AND PROVIDE LADDER RACKING TO SUPPORT THE INCOMING FEEDS.

[illegible]

388 17th Street · Suite 230
Oakland · CA · 94612
Telephone · 510.268.8373
Fax · 510.839.4791
Web Site: www.guidepostsolutions.com



POLYTECH ASSOCIATES INC

Drawing Title	TELEDATA FLOOR PLAN (DEDUCTIVE ALT SCHEME)
Approved: Project Director	

Project Title		
MPD - EMERGENCY SERVICE ANNEX POLICE STATION		
Location		
795 WILLOW ROAD, MENLO PARK, CA		
Date	Checked	Drawn
NOVEMBER 27, 2013	KW	JS

Project Number
640-382

Building Number

Drawing Number
TN104B

Office of
Construction
and Facilities
Management





<h1>CONSULTANTS:</h1>	
 <p>GUIDEPOST SOLUTIONS Technology • Design • Consulting</p>	<p>388 17th Street - Suite 230 Oakland - CA - 94612 Telephone : 510.258.8373 Fax : 510.838.4791 Web Site: www.guidepostsolutions.com</p>

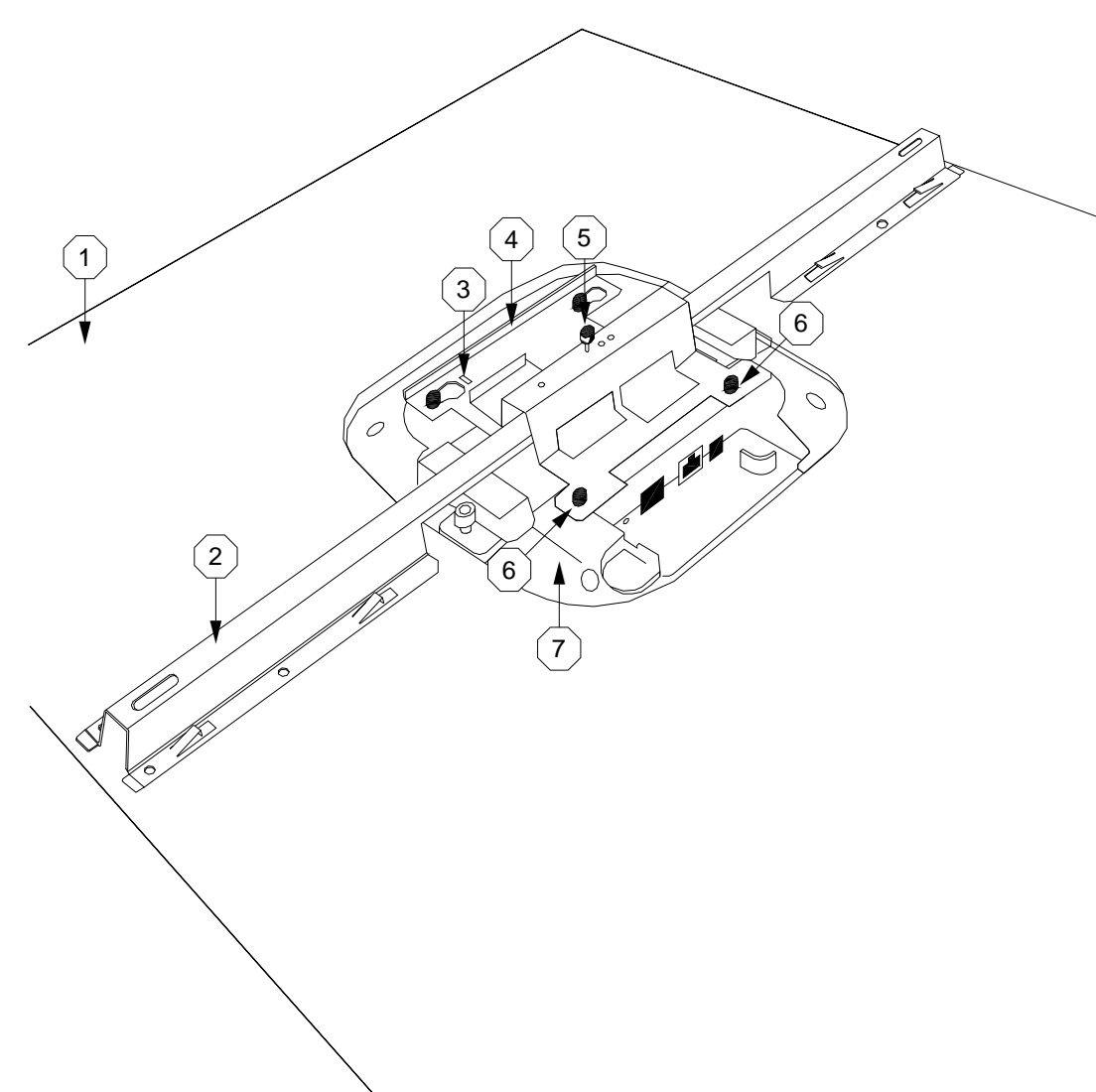


Project Title		
MPD - EMERGENCY SERVICE ANNEX POLICE STATION		
Location		
795 WILLOW ROAD, MENLO PARK, CA		
Date	Checked	Drawn
NOVEMBER 27, 2013	KW	JS

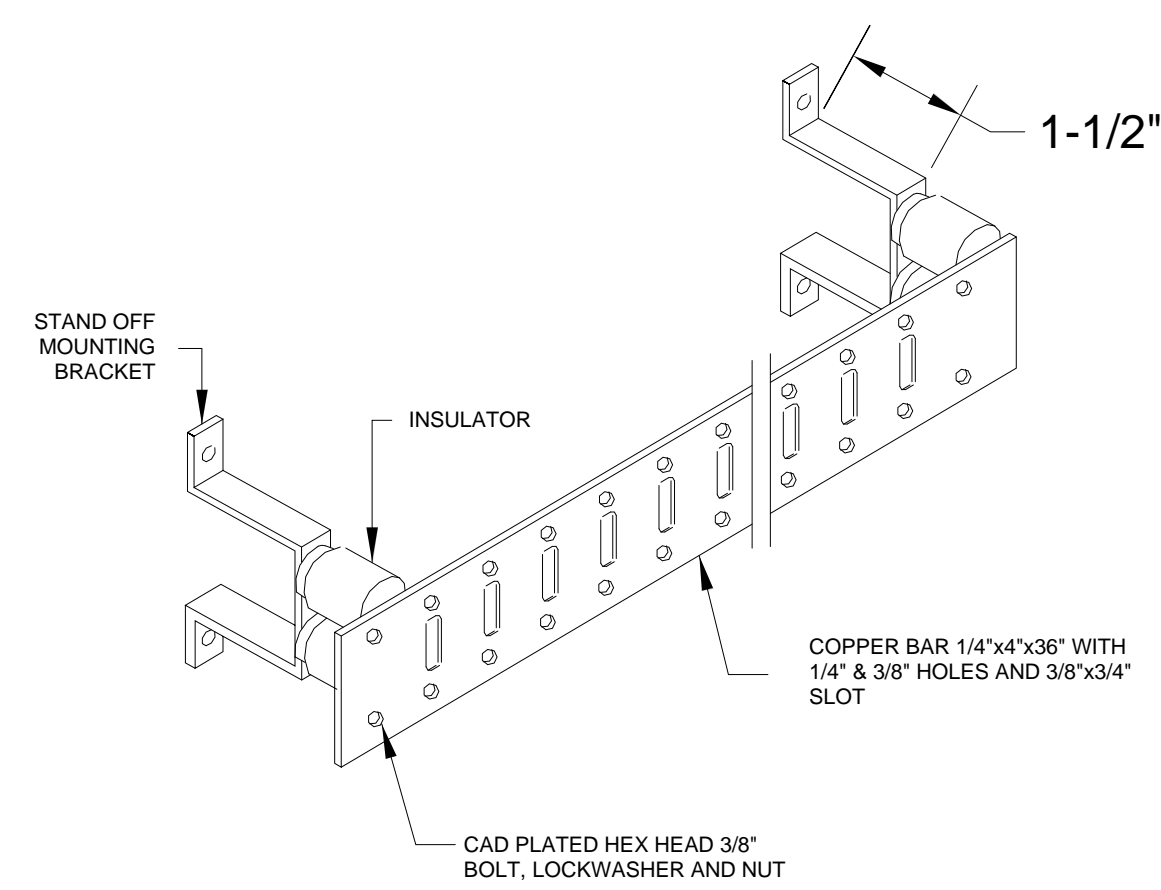
Office of
Construction
and Facilities
Management

 Department of
Veterans Affairs

BID SUBMISSION
NOVEMBER 27, 2013



5 TYPICAL WIRELESS ACCESS POINT MOUNT BRACKET

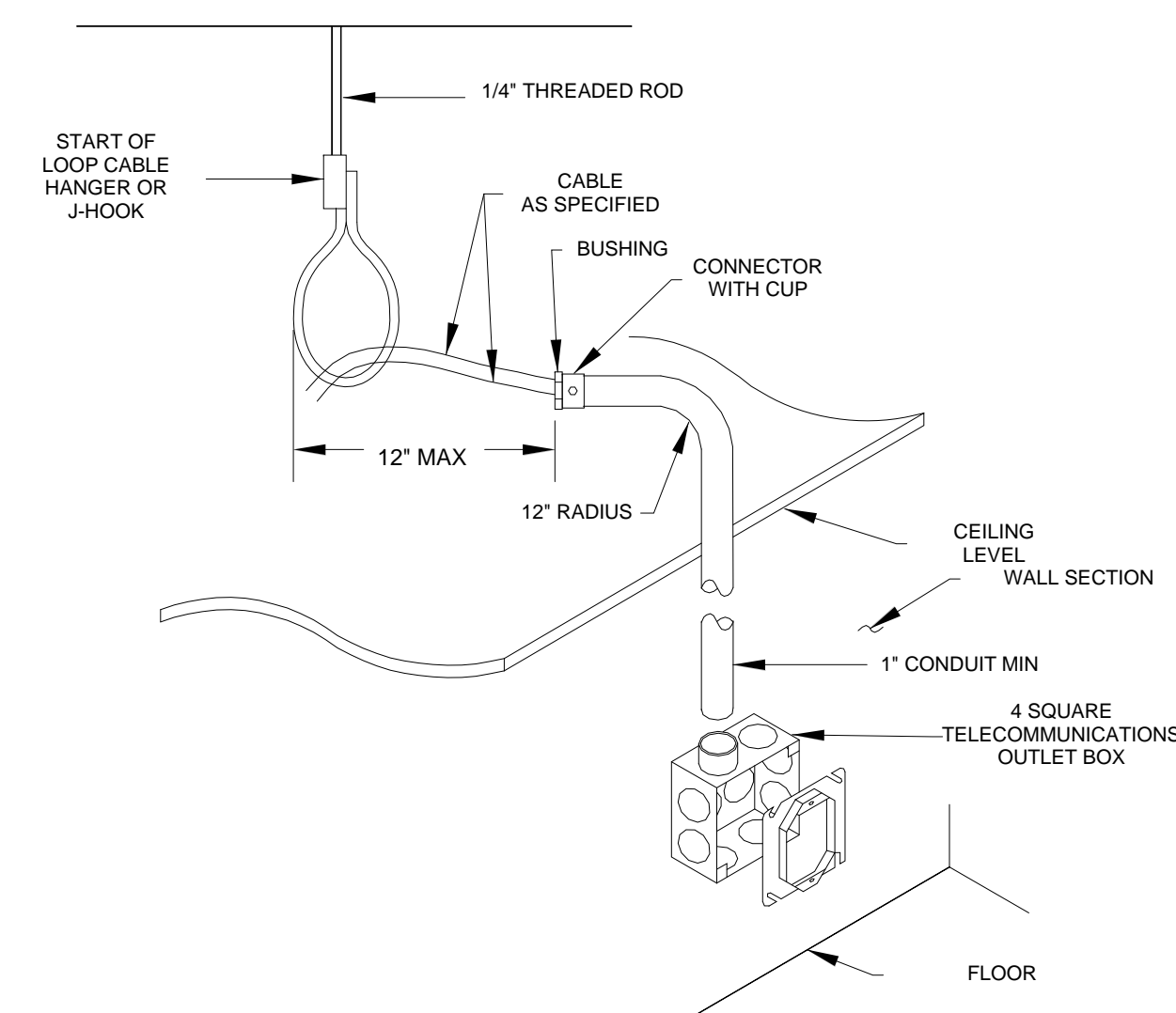


DETAIL NOTES:

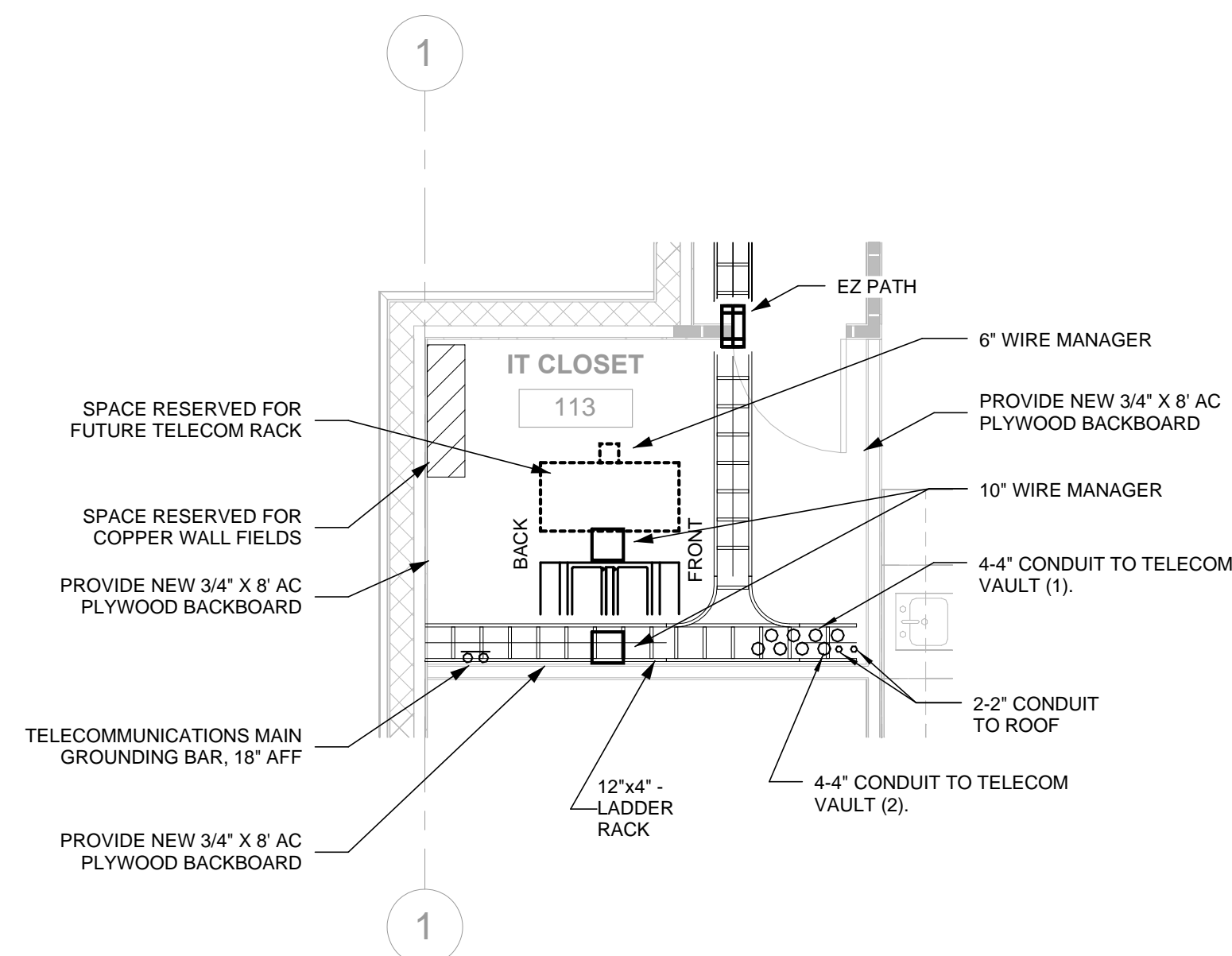
1. PROVIDE COMPLETE WITH APPROPRIATE MOUNTING HARDWARE (BOLTS, NUTS, LOCKWASHERS, STAND OFF BRACKETS AND INSULATORS), MOUNTING HOLES, SLOTS AND LUGS.
2. ALL SPLICE SHALL BE EXOTHERMIC WELD.
3. ASSEMBLED GROUND BARS SHALL BE FABRICATED FROM STOCKLIST AND DETAIL DRAWINGS CONTAINED WITHIN THIS EXHIBIT.
4. BUSBAR CONNECTORS SHALL UTILIZE 2 HOLE COMPRESSION CONNECTORS

(TELECOMMUNICATIONS MAIN GROUNDING BUS BAR - TMGB)

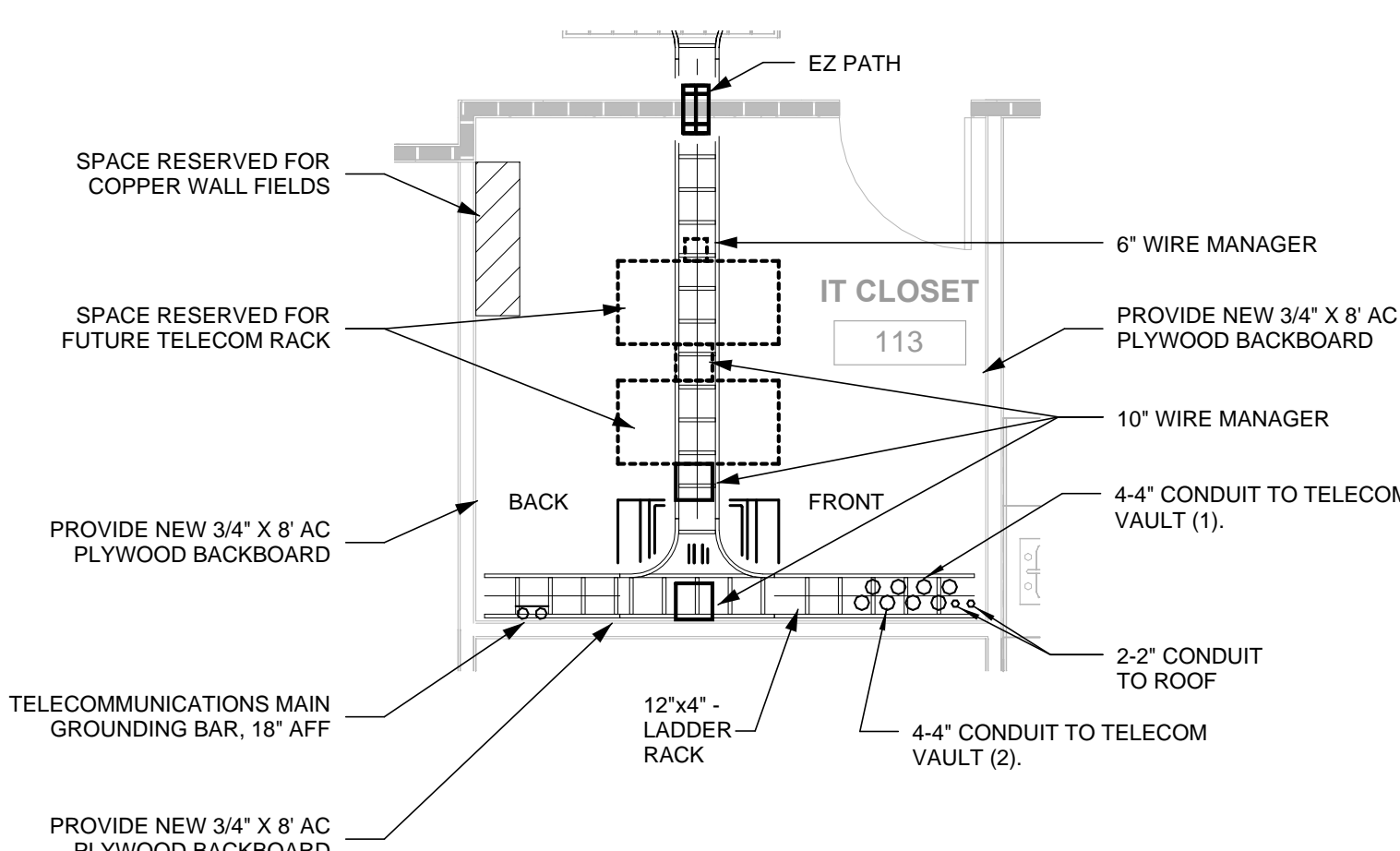
TELECOMMUNICATIONS MAIN GROUNDING BUS
BAR



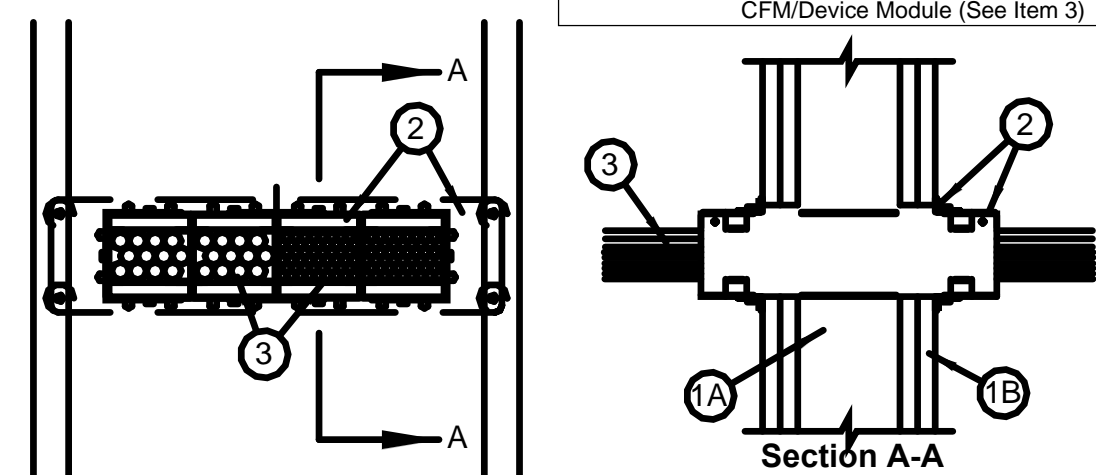
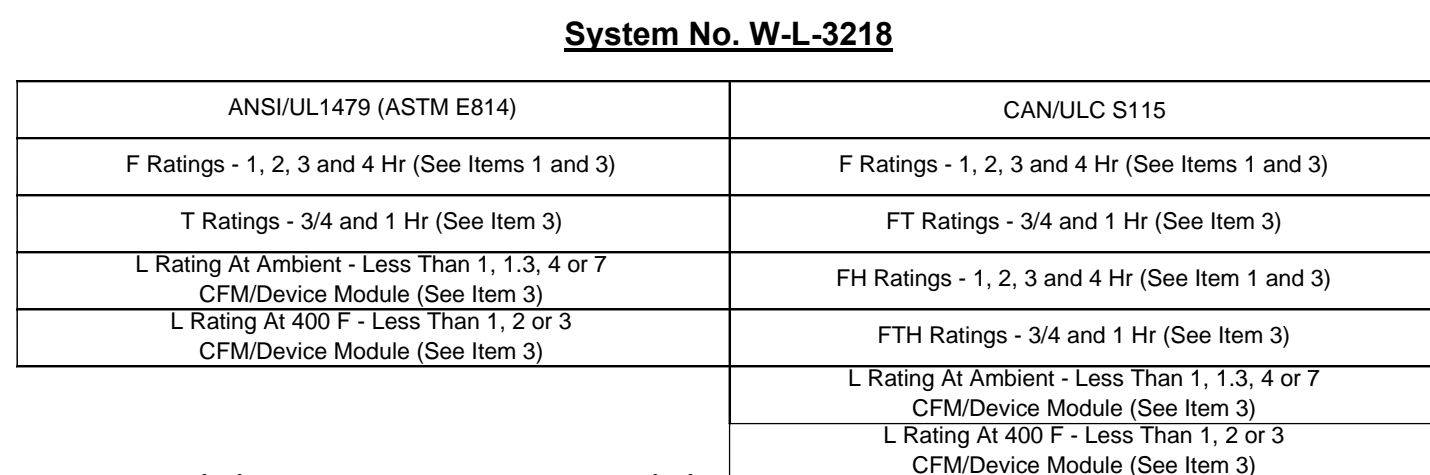
C TYPICAL TELECOMMUNICATIONS BACKBOX



TELEDATA FLOOR PLAN (DEDUCTIVE ALT
SCHEME)



A **TELEDATA FLOOR PLAN (BASE SCHEME)**
1/4" = 1'-0"



- Wall Assembly Construction:** The 1, 2, 3 or 4 hr fire-rated gypsum board/wall assembly shall be constructed of the materials and in the manner described within the individual U300, U400 or V400 Series Wall and Partition Designs in the UL Fire Resistance Directory and shall incorporate the following construction features:
- Studs –** Wall framing shall consist of either wood studs or steel channel studs. Wood studs to consist of nominal 2 by 4 in. (57 by 102 mm) lumber spaced max 16 in., (406 mm) OC. Steel studs to be min 3-in. x 12-in., (89 mm wide and spaced max 24 in., (610 mm) OC.
- Gypsum Board –** Thickness, type, number of layers and fasteners as specified in the individual Wall and Partition Design. Opening in gypsum board to be max 164 in. (6 mm) larger than width and height dimensions of firestop device(s).
- The hourly R Rating of the firestop system is dependent upon the hourly rating of the wall in which it is installed.
- Firestop Device(s) –** On the fire-rated wall assembly, each firestop device module consists of a 3 by 3 by 10-1/2 in. (76 by 76 by 267 mm) long galv steel tube with an intrumental material lining. Firestop device modules to be installed in accordance with the accompanying installation instructions. The space between the firestop device module(s) and the periphery of the opening shall be min 0 in. (0 mm), point contact to max 1/8 in. (3.2 mm). In round openings, the space between the firestop device and the periphery of the opening shall be min 0 in. (point contact) to max 1/2 in. (13 mm). Firestop device module(s) secured in place by means of steel wall plates installed with gasketing material supplied with product. Steel wall plates installed on both sides of wall and secured to each side of the existing steel wall plate with one screw. Each side of the firestop device module shall have two screws fastened to the studs with steel screws sized to extend through the gypsum board layers and penetrate 1/2 in. (13 mm) into the framing member. Each firestop device module is to be installed with ends projecting an equal distance beyond each surface of the wall assembly.
- As an alternate, the four- and seven-gang steel wall plates may be installed directly against the studs for walls having 16 and 24 in. (406 and 610 mm) center-to-center stud spacing, respectively, prior to installation of the gypsum board layers. The steel wall plates shall be secured to the ends of the steel wall plates with one screw. The firestop device module(s) shall be installed in accordance with the firestop device module design and the firestop device module U300 or U400 Design with a maximum 18 in. (3.2 mm) gap between the firestop device module and the cutout in the gypsum board. Gap between the firestop device module and the cutout in the gypsum board may be filled with gypsum joint compound if firestop device module (Item 4).
- SPECIFIED TECHNOLOGIES INC. – EZ PATH Series 33 Fire Rated Pathway**
- 2A. **Firestop Device(s) – Extension Module –** (Optional, Not Shown) – Module attached to ends of 3 by 3 by 10-1/2 in. (76 by 76 by 267 mm) long firestop device (Item 3) to increase its length to facilitate installation in thicker walls. Each module consists of a 3 by 3 by 6 in. (76 by 76 by 152 mm) long galv steel tube with an instrumented material lining. Extension module to be installed in accordance with the accompanying installation instructions. When module is used, firestop device (Item 2) and extension module(s) secured in place by means of steel wall plates installed with gasketing material supplied with product. Steel wall plates installed on both sides of wall and secured to each side of the firestop device or extension module(s) by means of steel set screws provided with wall plates. Firestop device and extension module(s) assemblies to be installed with ends projecting an equal distance beyond each surface of the wall assembly.
- SPECIFIED TECHNOLOGIES INC. – EZ PATH Extension**
- Cables –** Unless the loading area for each firestop device module, the cables may be supported to a 100 percent visual fill. Cable fill is to be distributed at a uniform height across the width of the firestop device module. Cables to be rigidly supported on both sides of the wall assembly. Any combination of the following types of cables may be used:
- A. Max 400 pair No. 24 AWG (or smaller) copper conductor telecommunication cable with polyvinyl chloride (PVC) jacketing and insulation.
 - B. Max 350 kcmil single copper conductor power/cable with XLPE jacket and insulation.
 - C. Max 7/8 No. 12 AWG copper conductor control cable with PVC or XLPE jacket and insulation.
 - D. Max 3/8 No. 10 AWG metal clad or armored cable with steel or aluminum jacket.
 - E. Max 3/8 No. 8 AWG NM cable (Romex) with PVC insulation and jacket.
 - F. Max 4 inch four pair No. 22 AWG (or smaller) copper conductor data cable with PVC or plenum rated jacketing and insulation.
 - G. Max RGU coaxial cable with fluorinated ethylene insulation and jacketing.
 - H. Fiber optic cable with PVC or polyethylene (PE) jacket and insulation having a max diam of 5/8 in. (16 mm).
- Optical Fiber Raceways –** Max 1-1/2 in. (38 mm) diam. (or smaller) optical fiber raceway ("innerduct") formed of either PVC or polyethylene fluoride (PVDF) with optical fiber built in. Raceways installed in accordance with the National Electric Code (NEPA 70).
- When the hourly rating of the wall assembly is 1 hr, the I Rating for 34 hr. When the hourly rating of the wall assembly is greater than 1 hr, the I Rating is 34 hr when Item 3A, 3B, 3C, 3D or E is used. Otherwise the I Rating is 1 hr. When Item 3A, 3B, 3C, 3D or E is used, the max cable size is max 200 pair No. 24 AWG telecommunication cable is used or when Item 3F, 3H or 3I is used, the Maximum I Rating is 4 hr.
- The I Rating for each empty firestop device module is less than 1 cm at ambient and at 400°F. When Item 3A is used, the I Rating for each firestop device module with 100 percent visual fill is 4 cm at ambient and 3 cm at 400°F. When Item 3F is used, the I Rating for each firestop device module with 100 percent visual fill is 1 cm at ambient and 1 cm at 400°F. When Item 3G or 3H is used, the I Rating for each firestop device module with 100 percent visual fill is 7 cm at ambient and 2 cm at 400°F.
- Visual Fill Material –** As an alternate, there shall be gypsum joint compound, the gap between the firestop device module and the cutout in the gypsum board may be sealed with fill material on each side of the wall assembly when four- and seven-gang steel wall plates are installed directly against the wood or steel studs.
- SPECIFIED TECHNOLOGIES INC. – Spec/Series SSS Sealant, Spec/Series LCI Sealant, Spec/Series Putty**
Besring the UL Classification Mark.

D EZ PATH

[illegible]

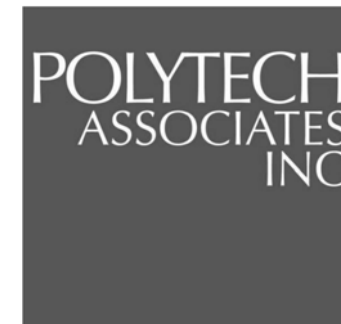
CONSULTANTS:



388 17th Street - Suite 230
Oakland - CA - 94612
Telephone - 510.268.8373
Fax - 510.839.4791
Web Site: www.guidepostsolutions.com



ARCHITECT



POLYTECH ASSOCIATES INC.

235 Pine Street, 17th Floor
San Francisco, CA 94104
TEL (415) 397-3117
FAX (415) 397-1517

Drawing Title	TELEDATA DETAILS
---------------	------------------

Approved: Project Director

Project Title	MPD - EMERGENCY SERVICE ANNEX
---------------	-------------------------------

Location	
----------	--

Date
NOVEMBER 27, 201

Checked	Drawn
W	JS

Drawn
JS

Project Number
640-382

Building Number

Drawing Number

TN401

BID SUBMISSION
NOVEMBER 27, 2013

Office of
Construction
and Facilities
Management



Department of
Veterans Affairs

TYPICAL DOOR CONFIGURATIONS			
SYMBOLS	DESCRIPTION	WIRING	NOTES
<div> <div>PR</div> <div>A</div> <div>CR</div> <div>EL</div> <div>RX</div> </div>	CARD READER, PROXIMITY TYPE	1-#18/2 PTS SHIELDED PLENUM CABLE FROM ACP (POWER & DATA) 1-#18/6 SHIELDED PLENUM (FROM READER TO SRI ABOVE DOOR)	C
	VIDEO INTERCOM DOOR STATION	1-#18/2 PLENUM	B,C,I
	CARD READER, PROXIMITY TYPE	1-#18/2 PLENUM (POWER FROM ACP POWER SUPPLIES)	C,F
	CARD READER, PROXIMITY TYPE	1-#18/2 PLENUM (FROM REX TO SRI ABOVE DOOR) 1-#18/2 PLENUM (POWER FROM ACP)	C
<div> <div>PK</div> <div>A</div> <div>CK</div> <div>EL</div> <div>RX</div> </div>	CARD READER/KEYPAD	1-#18/2 PTS SHIELDED PLENUM CABLE FROM ACP (POWER & DATA) 1-#18/6 SHIELDED PLENUM (FROM READER TO SRI ABOVE DOOR)	C
	VIDEO INTERCOM DOOR STATION	1-#18/2 PLENUM	B,C,I
	CARD READER, PROXIMITY TYPE	1-#18/2 PLENUM (POWER FROM ACP POWER SUPPLIES)	C,F
	CARD READER, PROXIMITY TYPE	1-#18/2 PLENUM (FROM REX TO SRI ABOVE DOOR) 1-#18/2 PLENUM (POWER FROM ACP)	C

CARD READER AND CARD READER/KEYPAD SYMBOL ON FLOOR PLAN DRAWINGS INCLUDES ALL ASSOCIATED DEVICES (AS SHOWN IN BRACKETS ABOVE).

DESCRIPTION OF REFERENCE SYMBOL

SECURITY ABBREVIATIONS	
A.C.P.	ACCESS CONTROL PANEL
A.F.F	ABOVE FINISHED FLOOR
E	EXISTING
F.O.V.	FIELD OF VIEW
I.A.P.	INTRUSION ALARM PANEL
N	NEW
N/A	NOT APPLICABLE
RECP	RECEPTION
S.O.C.	SECURITY OPERATIONS CENTER
SH	SHIELDED
T.B.D.	TO BE DETERMINED
TW	TWISTED
U.O.N.	UNLESS OTHERWISE NOTED
V.I.F.	VERIFY IN FIELD
WP	WEATHER PROOF

- ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE AND ALL APPLICABLE LOCAL CODES. THE CONTRACTOR SHALL NOT INTERMIX ANY HIGH VOLTAGE WIRING WITH LOW VOLTAGE WIRING OR CONDUIT SIGNIFYING ANY CONDUIT.
- VERIFY ALL FIELD DIMENSIONS AND CONDITIONS, NOTIFY ARCHITECT OF ANY DISCREPANCIES FOUND. VERIFY DIMENSIONS OF ALL OWNER FURNISHED EQUIPMENT A SERVICES TO ENSURE PROPER COORDINATION WITH CONSTRUCTION.
- SCHEDULE ALL WORK, INCLUDING CONSTRUCTION ACCESS AND STORAGE, WITH THE OWNER OR THOSE DESIGNATED BY THE OWNER. THE CONSTRUCTION SCHEDULE SHALL BE APPROVED BY THE OWNER PRIOR TO THE START OF CONSTRUCTION.
- ALL UTILITIES REQUIRED FOR THE CONTINUOUS OPERATION OF ALL EXISTING FACILITIES MUST BE MAINTAINED IN SERVICE AT ALL TIMES (IF APPLICABLE).
- CONTRACTOR SHALL PROVIDE DUST PROTECTION AS REQUIRED TO CONTAIN DUST AND DEBRIS WITHIN CONSTRUCTION AREA. BROOM CLEAN ALL AREAS EACH DAY.
- COORDINATE WITH THE OWNER TO DETERMINE IF REMOVED ITEMS (IF APPLICABLE) WILL BE KEPT BY THE OWNER. COORDINATE A STORAGE LOCATION AND DELIVER AS DIRECTED BY THE OWNER. DISPOSAL OF OLD EQUIPMENT SHALL BE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL LAWS.
- WORK SHALL BE EXECUTED IN A CAREFUL AND ORDERLY MANNER WITH THE LEAST POSSIBLE DISRUPTION TO THE BUILDING OCCUPANTS. THE CONTRACTOR SHALL EMPLOY AN APPROPRIATE PERSONNEL AT WORK AS A RESULT OF THIS UNDERTAKING SHALL ALWAYS BE KEPT TO A MINIMUM. CONTRACTOR SHALL ADVISE TRADE PARTIES OF ANY VISITS BY INSPECTORS, VISITOR OR EMPLOYEES OF THE BUILDING SHALL BE SHUT DOWN UNLESS REQUESTED AND APPROVED BY THE OWNER IN ADVANCE.
- THE CONTRACTORS AND SUBCONTRACTORS PERFORMING WORK ON PREMISES SHALL BE RESPONSIBLE FOR INITIATING, MAINTAINING AND SUPERVISING A REASONABLE AND PRUDENT SAFETY PROGRAM INCLUDING, BUT NOT LIMITED TO, THE ISOLATION OF WORK AREAS AND THE PROMPT REMEDIATION OF HAZARDOUS CONDITIONS. THE CONTRACTOR SHALL POST SIGNS AND GUARDS OF THE FACILITY. ALL ROADS AND WALKWAYS SHALL REMAIN CLEAR AND UNOBSTRUCTED. WHEN NECESSARY ALTERNATE ROUTES MUST BE MAINTAINED, SHOULD UNSAFE CONDITIONS OCCUR.
- COORDINATION WITH OTHER CONTRACTORS
- IF THE CONTRACTOR'S WORK DEPENDS UPON THE WORK OF A SEPARATE CONTRACTOR, THIS CONTRACTOR SHALL INSPECT SUCH WORK AND PROMPTLY REPORT IN WRITING TO THE PROJECT ARCHITECT ANY DEFECTS IN SUCH OTHER WORK THAT RENDER IT UNSUITABLE TO RECEIVE THE WORK OF THIS CONTRACTOR. FAILURE TO INSPECT AND REPORT SHALL CONSTITUTE AN ACCEPTANCE OF THE OTHER CONTRACTOR'S WORK EXCEPT AS TO DEFECTS WHICH DEVELOP IN OTHER CONTRACTOR'S WORK AFTER EXECUTION OF THIS CONTRACTOR'S WORK.
- THE CONTRACTOR SHALL ALWAYS MAINTAIN, AT THE JOB SITE, UPDATED "RECORD" DRAWINGS. THESE RECORD DRAWINGS SHALL BE SUBJECT TO INSPECTION AND CORRECTION UPON REQUEST.
- NO CABLE RUN SHALL BE SPliced UNLESS TWO OR MORE DEVICES ARE CONNECTED TO THE SAME CIRCUIT OR THE DEVICE IS PROVIDED FROM THE FACTORY WITH PITGAIL WIRES. WHERE SPLICING IS REQUIRED, THE SPLICE SHALL BE SOLDERED AND TAPED, IT SHALL BE DONE IN EITHER A SPECIAL TAPPING BOX, AT A TAPPING BOX OR TOOL WHICH MIGHT ENDANGER VISITOR OR EMPLOYEES OF THE BUILDING. SPLICES SHALL BE IN ACCESSIBLE AREAS AND CLEARLY MARKED ON THE RECORD DRAWINGS.
- ALL WIRES SHALL BE COLOR CODED AND SHALL BE CONNECTED IN A UNIFORM MANNER, TRANSPOSING OR CHANGING OF COLOR CODES SHALL NOT BE PERMITTED. WIRE AND CABLE SIZES, TYPES AND CONDUIT SIZING SHALL BE DETERMINED BY THE PROJECT ARCHITECT. THE CONTRACTOR TO THE CORRECT PRODUCT REQUIRED TO ACHIEVE A WORKING SYSTEM AND REPRESENT THE MINIMUM ACCEPTABLE STANDARDS. CONTRACTOR SHALL CONSULT MANUFACTURERS' SPECIFICATIONS FOR CABLES AND CONDUITS, WHICHEVER IS GREATER IN QUALITY, GAUGE, SHIELDING AND NUMBER OF CONDUCTORS.
- ALL WIRING, INCLUDING SHIELDS, MUST BE FREE OF SHORTS, GROUND AND STRAY VOLTAGES, ALL RATED FOR WET APPLICATIONS. ALL EXPOSED SURFACE MOUNTED CABLE UNDER 12 X 1/2" SHALL BE IN CONDUIT.
- ALL CABLING SHALL BE PLENUM RATED ON J-HOOKS. UNDER GROUND CABLE SHALL BE RATED FOR WET APPLICATIONS. ALL EXTERIOR CABLE SHALL BE IN CONDUIT.
- A PRE PRINTED VINYL MATERIAL MARKER WRAPPED IN ADHESIVE CLAR PLASTIC SHALL BE PROVIDED TO THE FOLLOWING:
- A. CABLES WITHIN 6" UPON ENTRY AT ANY SECURITY PANEL, TERMINATION OR SPLICE BOX.
B. ALL WIRE LEADS WITHIN 2" FROM ANY TERMINAL BLOCK.
C. THE CONTRACTOR SHALL SUBMIT SAMPLES OF MARKERS AND ANY NUMERING OR MARKING SYSTEM FOR REVIEW PRIOR TO INSTALLATION.
- ALL ELECTRICAL POWER SUPPLIED TO SECURITY EQUIPMENT OR DEVICES SHALL BE ON AN EMERGENCY SYSTEM INCLUDING UPS WHERE AVAILABLE. ALL CONDUCTORS AND CIRCUIT BREAKERS SHALL BE SIZED IN ACCORDANCE WITH THEIR CONNECTED LOADS (20 AMP MINIMUM). ALL CIRCUITS THROUGH THE DEDICATED DEDICATED CONNECTION INTERFACE WITH FIRE ALARM SYSTEM. ALL POWER WIRING ALL SECURITY EQUIPMENT UTILIZING ELECTRICAL POWER SHALL ALSO BE ADEQUATELY GROUNDED.
- WHERE A NEW CIRCUIT FOR SECURITY IS TAKEN FROM A PANEL BOARD FOR OTHER ELECTRICAL PURPOSES, THE BRANCH CIRCUIT BREAKER FOR SECURITY EQUIPMENT SHALL BE CLEARLY LABELED WITH ANY AND ALL INFORMATION RELATIVE TO THE SWITCH-OFF. NO SECURITY CIRCUIT IS TO BE SHARED WITH NON SECURITY EQUIPMENT UNLESS OTHERWISE NOTED ON THE DRAWINGS.
- THE CONTRACTOR SHALL PROPERLY SEAL ALL CONDUIT OR SLEEVE PENETRATIONS THROUGH ALL WALLS, FLOORS AND CEILINGS USING APPROVED FIRE STOPPING MATERIALS AND SEALANTS REGARDLESS OF RATING AND AS PER APPLICABLE BUILDING CODES.
- ALL ROUTING OF WIRING AND ANY RELATED CONDUIT IS DIAGRAMMATIC. CONTRACTOR SHALL FIELD VERIFY EXACT ROUTING PRIOR TO INSTALLATION.
- PROVIDE PULL STRINGS IN ALL CONDUITS. PROVIDE BLANK COVERS ON ALL JUNCTION AND PULL BOXES.
- ALL CONDUITS AND CABLE PATHS SHALL RUN PARALLEL WITH OR AT RIGHT ANGLES TO THE WALLS. IF MORE THAN TWO 90 DEGREE BENDS ARE TO BE USED IN THE CONDUIT RUN, INSERT A PULL BOX. CONTRACTOR SHALL SIZE THE BOX ACCORDINGLY. CONDUITS SHALL BE SIZED AS INDICATED IN THE DRAWINGS OR LARGER AS REQUIRED TO COMPLY WITH CODE. MINIMUM ALLOWABLE CONDUIT SIZE SHALL BE 3/4".
- THE CONTRACTOR SHALL CLEAN AND THOROUGHLY CHECK ALL INSTALLED WORK PRIOR TO CONCEALING OF ARCHITECTURAL FINISHING. CLEAN ALL EXPOSED SURFACES AND NEW EQUIPMENT BEFORE APPLICATION OF FINISHES. THE CONTRACTOR SHALL REMOVE ALL SOILING FROM PAINTED SURFACES OR DAMAGED ARCHITECTURAL FINISHES TO MATCH THE ADJACENT AREA. WHERE REQUIRED, CLEANING, PATCHING OR PAINTING TO BRING THE AFFECTED SURFACE OR FINISH BACK TO THE ORIGINAL CONDITION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- ALL SECURITY DEVICES AND EQUIPMENT SHALL BE INSTALLED WITH CONSIDERATION TO BARRIER FREE ACCESSIBILITY.
- WHERE CONCRETE FLOORS ARE TO BE CORED, AN X-RAY MACHINE SHALL BE USED TO INSURE THAT NO STRUCTURAL ELEMENTS (E.G. REBAR) WILL BE COMPROMISED OR DAMAGED.
- WHERE THE CONTRACTOR HAS TO CHANGE ANY DEVICE TYPE OR MOUNTING TO SUIT ACTUAL CONDITIONS, THIS SHALL BE DONE WITHOUT EXTRA COST TO THE OWNERS. THIS INCLUDES ANY PART OF THE EQUIPMENT TO BE REPLACED OR MODIFIED TO ACCOMMODATE THE MOUNTING OF A DEVICE. HOWEVER, IT SHALL BE REQUESTED, SUBMITTED AND APPROVED IN WRITING BEFORE COMMENCING THE WORK.
- COORDINATE ALL TELEPHONE AND DATA (LAN/WAN) INSTALLATION AND CONNECTION REQUIREMENTS WITH THE OWNERS IT DEPARTMENT REPRESENTATIVE AND THE GENERAL CONTRACTOR.
- THE CONTRACTOR SHALL UNDERTAKE THIS WORK IN ITS ENTIRETY IN ACCORDANCE WITH ITS DESIGN AND CONSTRUCTION. ALL WORK SHALL BE COMPLETED OUT IN A PROFESSIONAL MANNER WITH MAXIMUM EFFICIENCY AND EXCELLENT WORKSManship.
- SECURITY CONTRACTOR SHALL INCLUDE SIEMENS INTEGRATION AND CABLING. TERMINAL STRIPS ETC. REQUIRED FOR A COMPLETELY FUNCTIONAL INTERFACE WITH FIRE ALARM SYSTEM AND DOOR HARDWARE AND AUTOMATIC DOOR OPERATORS.
- ALL EGRESS DOORS SHALL BE OPENABLE FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT.
- IN THE EVENT OF A DISCREPANCY BETWEEN THE SPECIFICATIONS AND THE DRAWINGS, WHICHEVER IS MOST STRINGENT OR CALLS FOR THE HIGHEST QUANTITY OR QUALITY OF MATERIALS HAS PRECEDENCE.
- THE USE OF THE WORD "PROVIDE" IN CONNECTION WITH ANY ITEM SPECIFIED, IS INTENDED TO MEAN THAT SUCH SHALL BE FURNISHED, INSTALLED AND CONNECTED.
- PRIOR TO SUBMITTAL OF BID, NOTICE, IN WRITING, SPECIFIED MATERIALS OR EQUIPMENT WHICH ARE EITHER UNAVAILABLE OR WILL CAUSE A DELAY IN CONSTRUCTION COMPLETION SCHEDULE.
- SEE "A" SHEET FOR WALL RATINGS AND EXIT PATHS.
- SEE "E" SHEET FOR WALL PENETRATION AND CONDUIT ROUTING.

CONSULTANTS:

 **GUIDEPOST SOLUTIONS**
TECHNOLOGY DESIGN • CONSULTING


388 17th Street - Suite 230
Oakland - CA 94612
Telephone - 510.268.8373
Fax - 510.839.4791
Web Site: www.guidedpostsolutions.com



Project Title		
MPD - EMERGENCY SERVICE ANNEX POLICE STATION		
Location		
795 WILLOW ROAD, MENLO PARK, CA		
Date	Checked	Drawn
NOVEMBER 27, 2013	ES	JS

BID SUBMISSION
NOVEMBER 27, 2013

Office of
Construction
and Facilities
Management

 Department of
Veterans Affairs

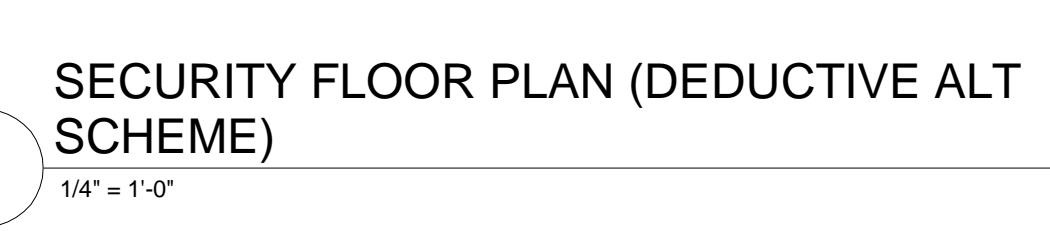


<div> <div>CONSULTANTS:</div> <div>  <div> <div>GUIDEPOST SOLUTIONS</div> <div>Transforming Disasters into Connections</div> </div> </div> <div> <div>388 17th Street - Suite 230</div> <div>Oakland - CA 94612</div> <div>Telephone - 510.268.8373</div> <div>Fax - 510.838.4791</div> <div>Web Site: www.guidepostsolutions.com</div> </div> </div>	<div> <div>ARCHITECT</div> <div>  <div> <div>POLYTECH ASSOCIATES INC.</div> <div>235 Pine Street, 17th Floor</div> <div>San Francisco, CA 94104</div> <div>TEL (415) 397-3117</div> <div>FAX (415) 397-1517</div> </div> </div> </div>	<div> <div>Project Title</div> <div>SECURITY FLOOR PLAN (BASE SCHEME)</div> </div> <div> <div>Approved: Project Director</div> <div> <div>Date</div> <div>NOVEMBER 27, 2013</div> </div> </div>	<div> <div>Project Title</div> <div>MPD - EMERGENCY SERVICE ANNEX POLICE STATION</div> </div> <div> <div>Location</div> <div>795 WILLOW ROAD, MENLO PARK, CA</div> </div>	<div> <div>Project Number</div> <div>640-382</div> </div> <div> <div>Building Number</div> <div></div> </div>	<div> <div>Office of Construction and Facilities Management</div> <div>  <div>Department of Veterans Affairs</div> </div> </div>
			<div> <div>Drawing Title</div> <div>SECURITY FLOOR PLAN (BASE SCHEME)</div> </div>	<div> <div>Drawing Number</div> <div>TY104A</div> </div>	
			<div> <div>Approved: Project Director</div> <div> <div>Date</div> <div>NOVEMBER 27, 2013</div> </div> </div>	<div> <div>Location</div> <div>795 WILLOW ROAD, MENLO PARK, CA</div> </div>	
			<div> <div>Project Title</div> <div>MPD - EMERGENCY SERVICE ANNEX POLICE STATION</div> </div>	<div> <div>Project Number</div> <div>640-382</div> </div>	

BID SUBMISSION
NOVEMBER 27, 2013

Office of
Construction
and Facilities
Management





		CONSULTANTS:  GUIDEPOST SOLUTIONS TECHNOLOGY DESIGN CONSULTING 388 17th Street - Suite 230 Oakland - CA 94612 Telephone - 510.268.8373 Fax - 510.838.4791 Web Site: www.guidepostsolutions.com				ARCHITECT  POLYTECH ASSOCIATES INC. 235 Pine Street, 17th Floor San Francisco, CA 94104 TEL (415) 397-3117 FAX (415) 397-1517		Drawing Title SECURITY FLOOR PLAN (DEDUCTIVE ALT SCHEME)		Project Title MPD - EMERGENCY SERVICE ANNEX POLICE STATION		Project Number 640-382		Office of Construction and Facilities Management  Department of Veterans Affairs	
						Approved: Project Director		Location 795 WILLOW ROAD, MENLO PARK, CA		Building Number		Drawing Number TY104B			
Revisions:		Date						Date NOVEMBER 27, 2013		Checked ES		Drawn JS			

A

B

C

D

E

F

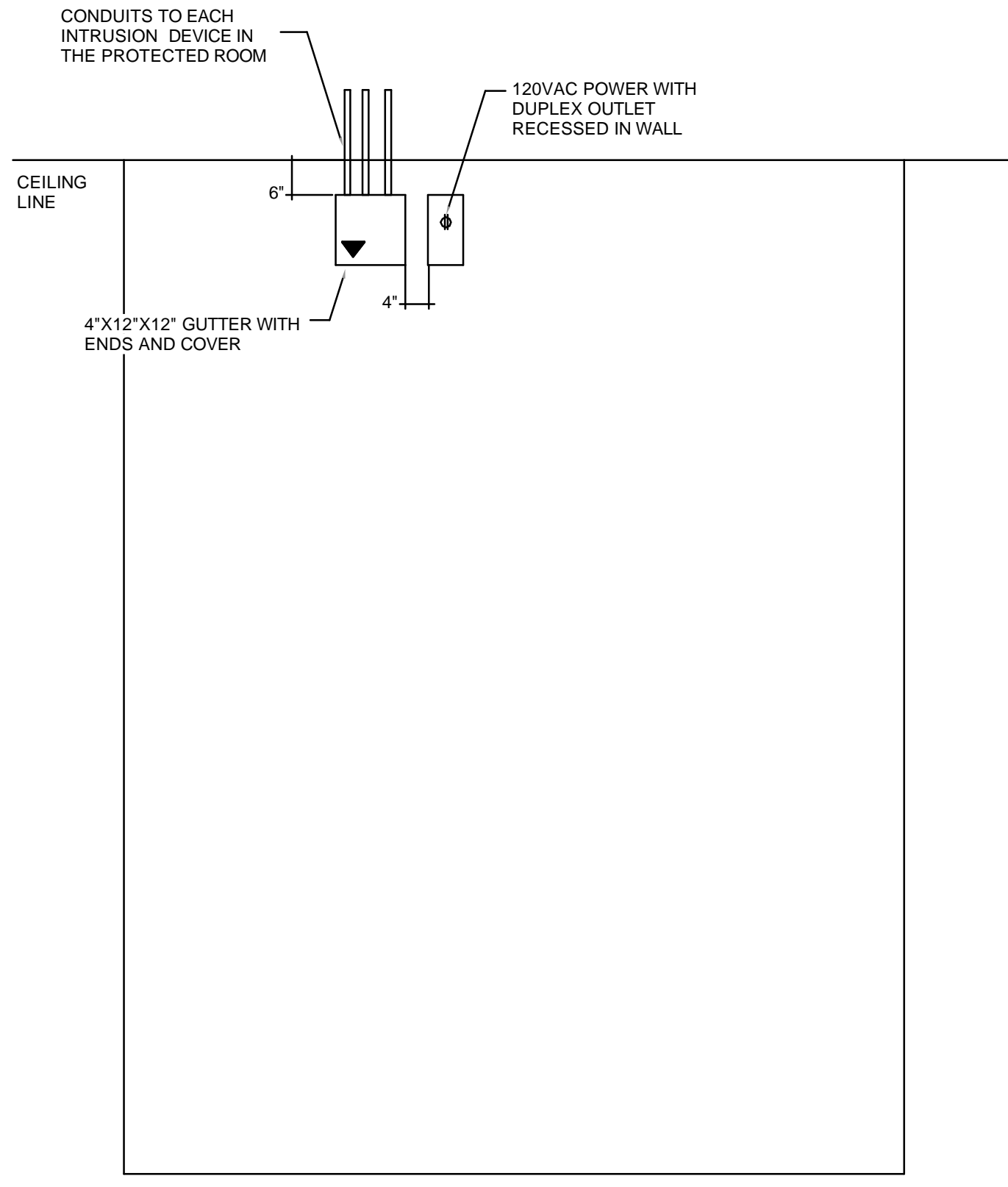
G

H

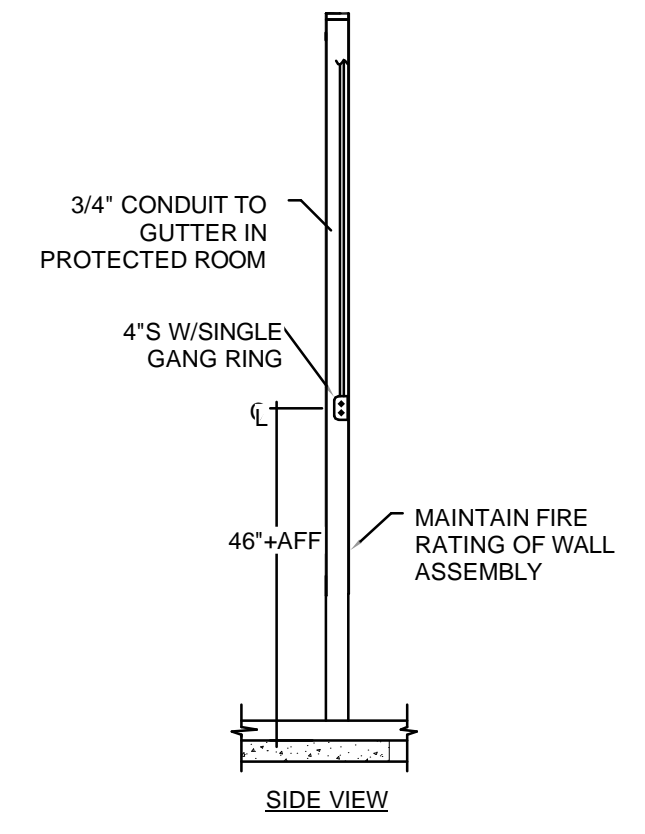
I

J

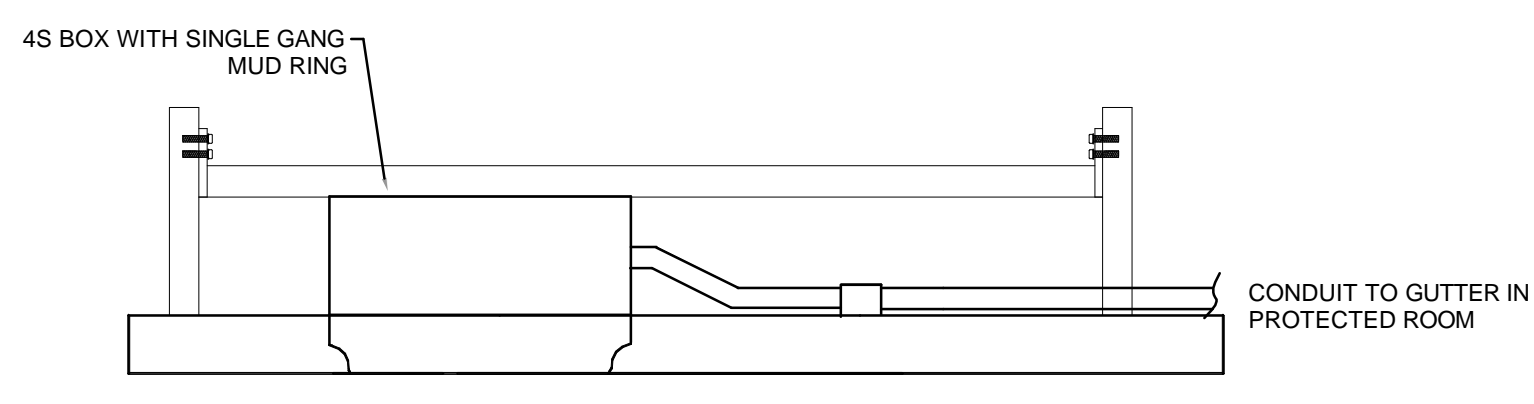
one foot
three inches = one foot
one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot
one sixteenth inch = one foot



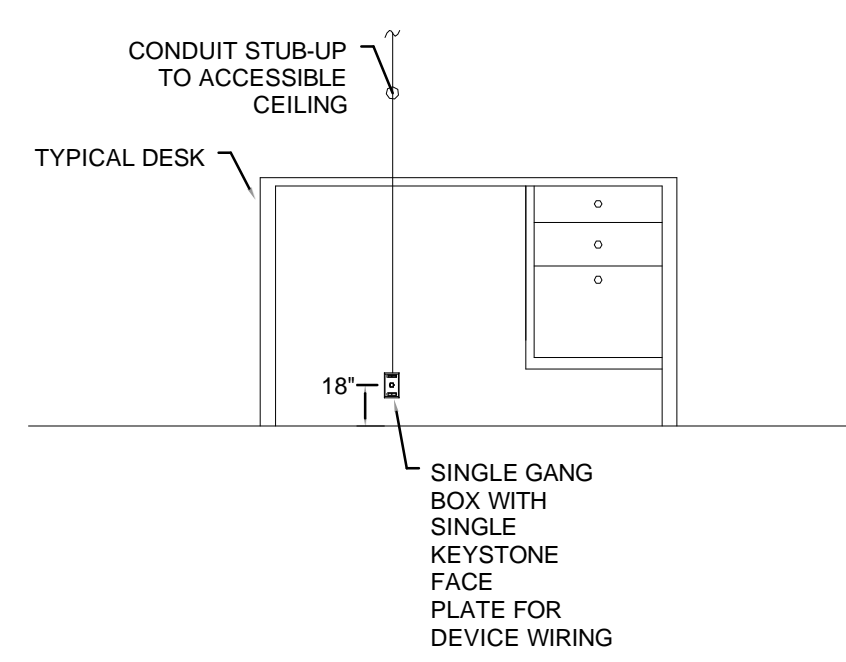
L INTRUSION ALARM PANEL
N.T.S.



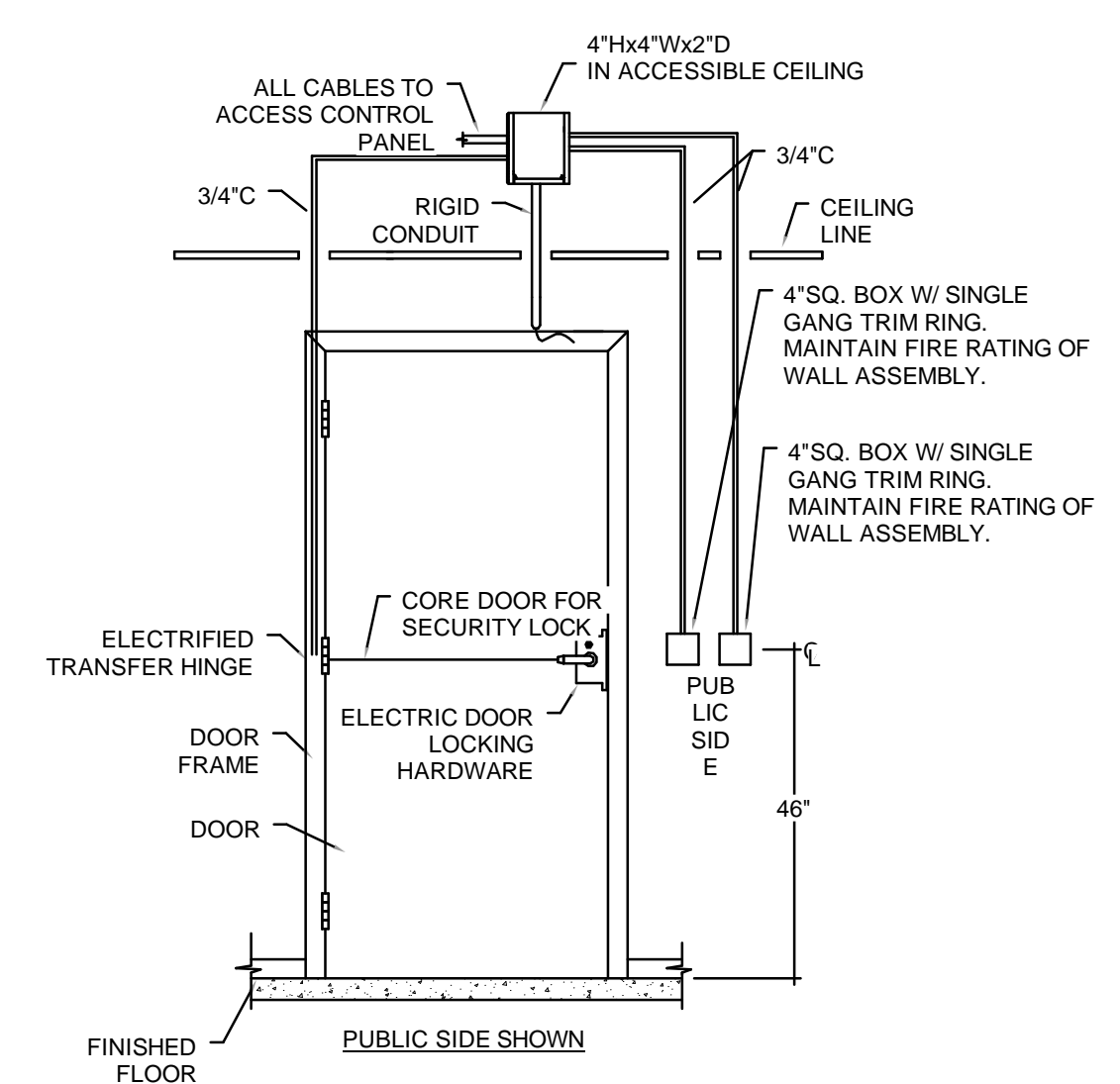
K ARMING STATION WALL MOUNT
N.T.S.



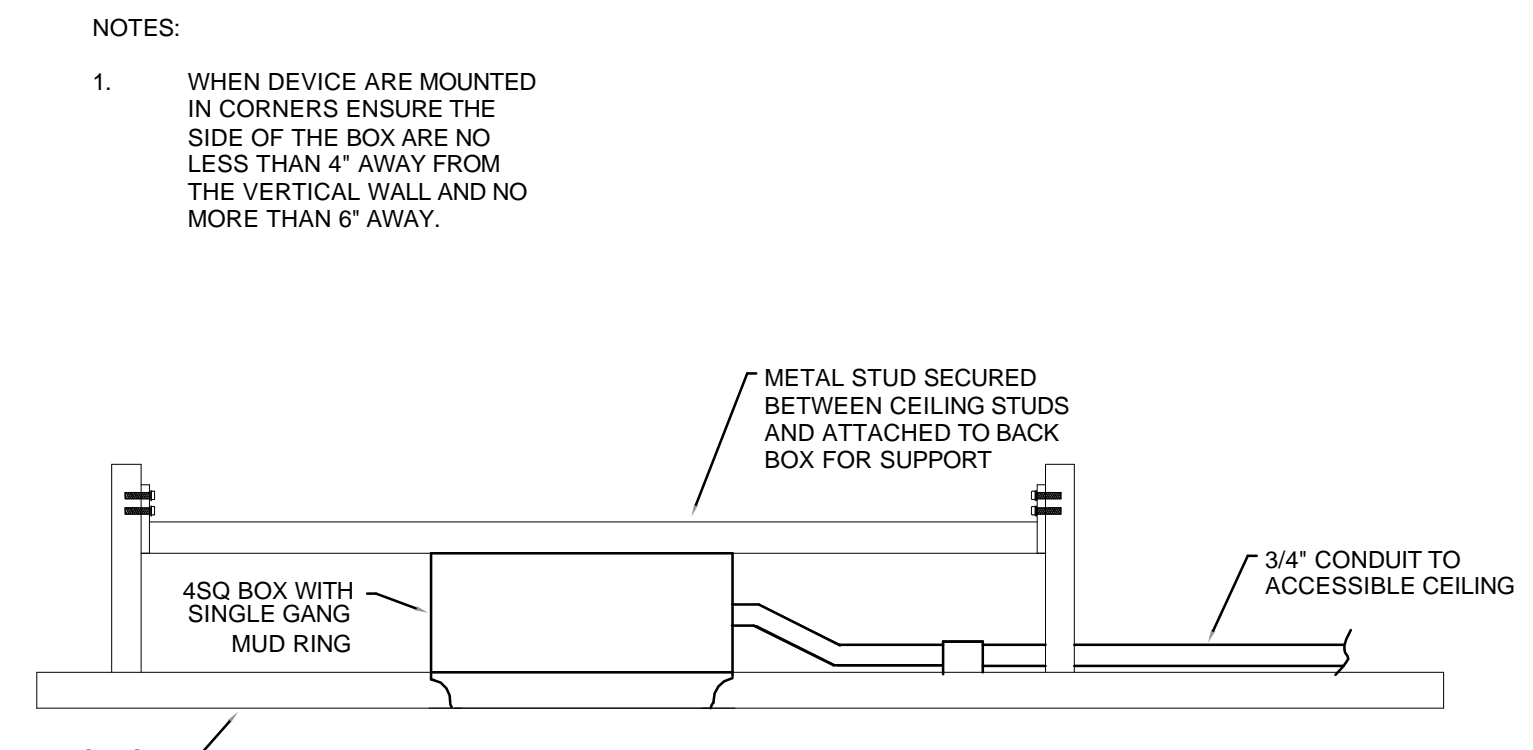
J MOTION DETECTOR CEILING MOUNT
N.T.S.



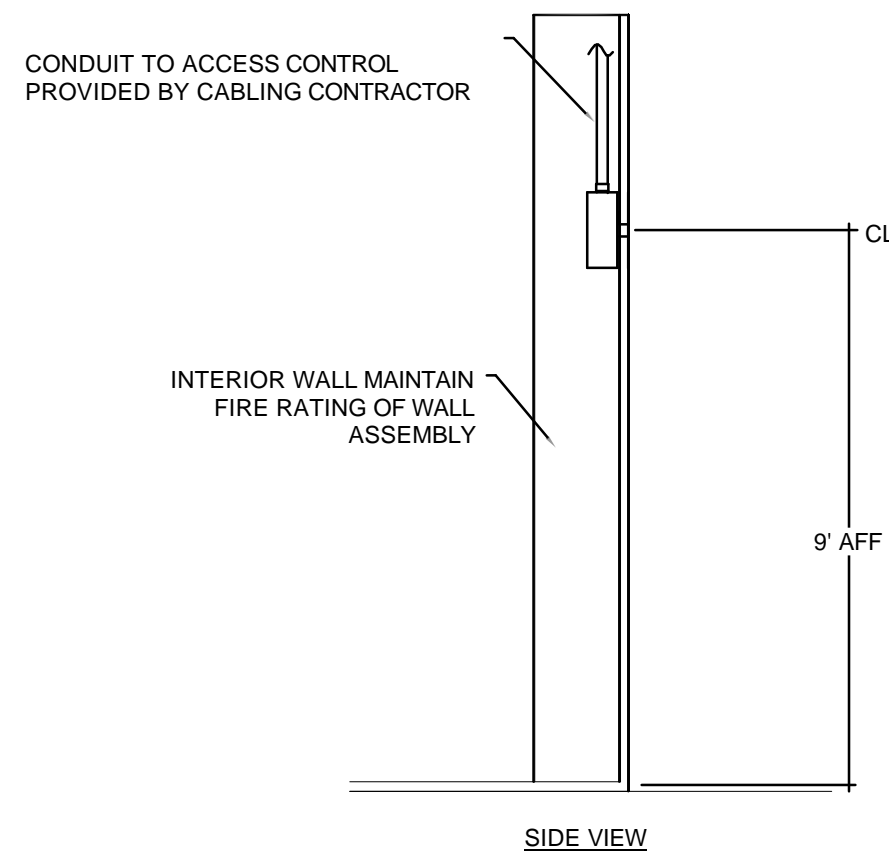
I HELP BUTTON DESK MOUNTING DETAIL
N.T.S.



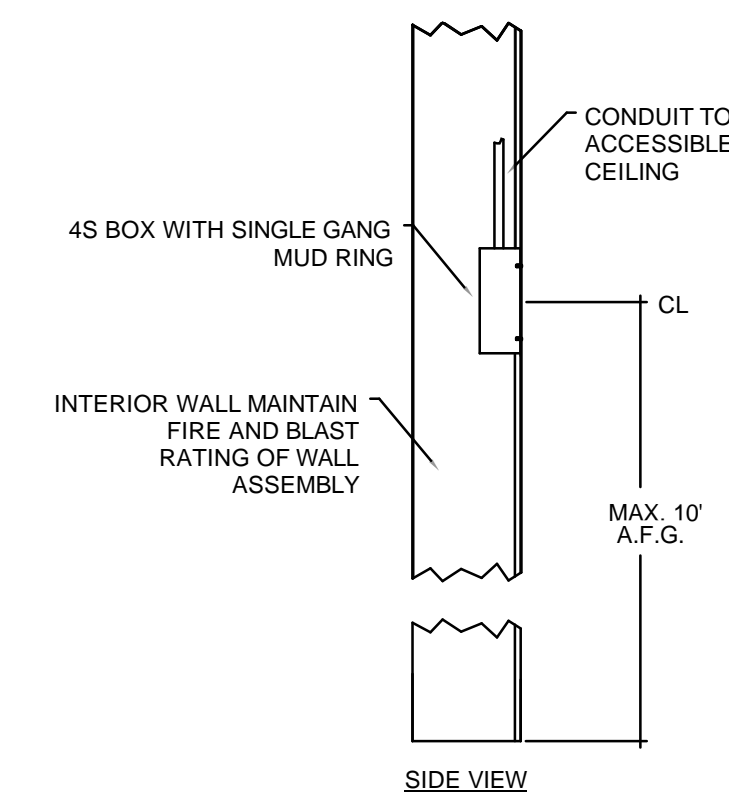
H SINGLE DOOR CARD READER - INTERCOM - ELECTRIC LOCK
N.T.S.



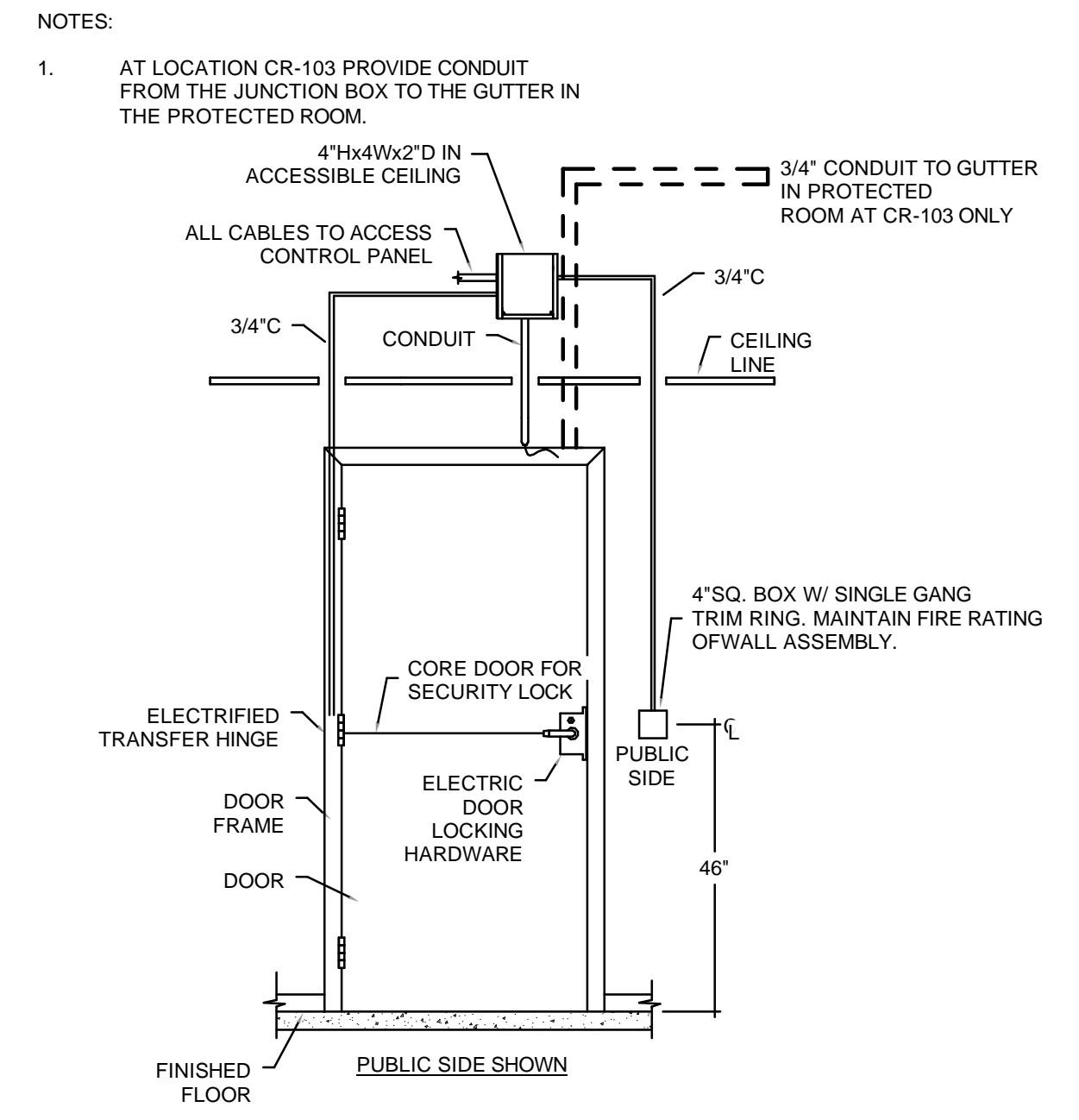
G FLUSH CEILING CAMERA MOUNTING DETAIL
N.T.S.



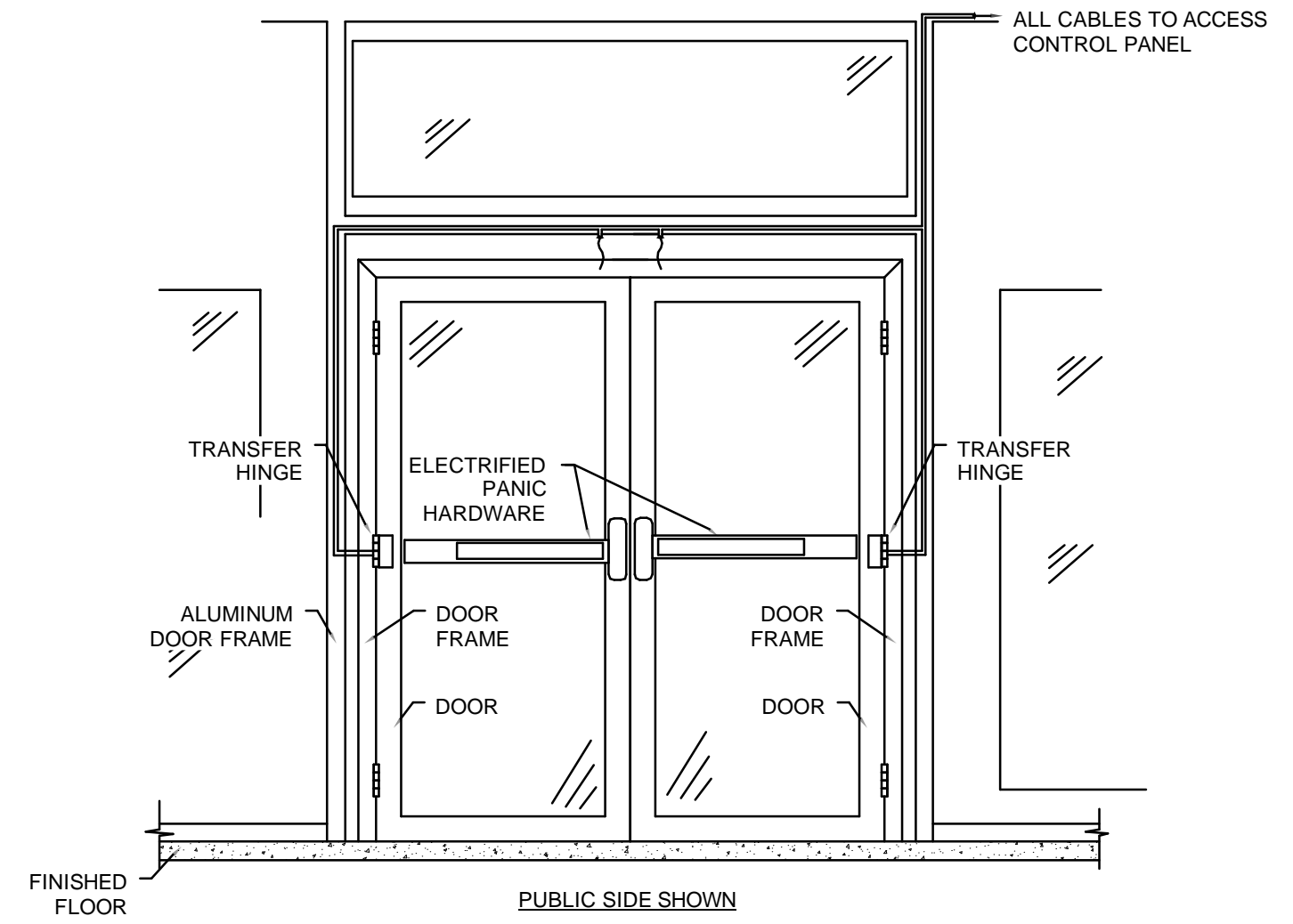
F INTERIOR WALL SURFACE MOUNT CAMERA
N.T.S.



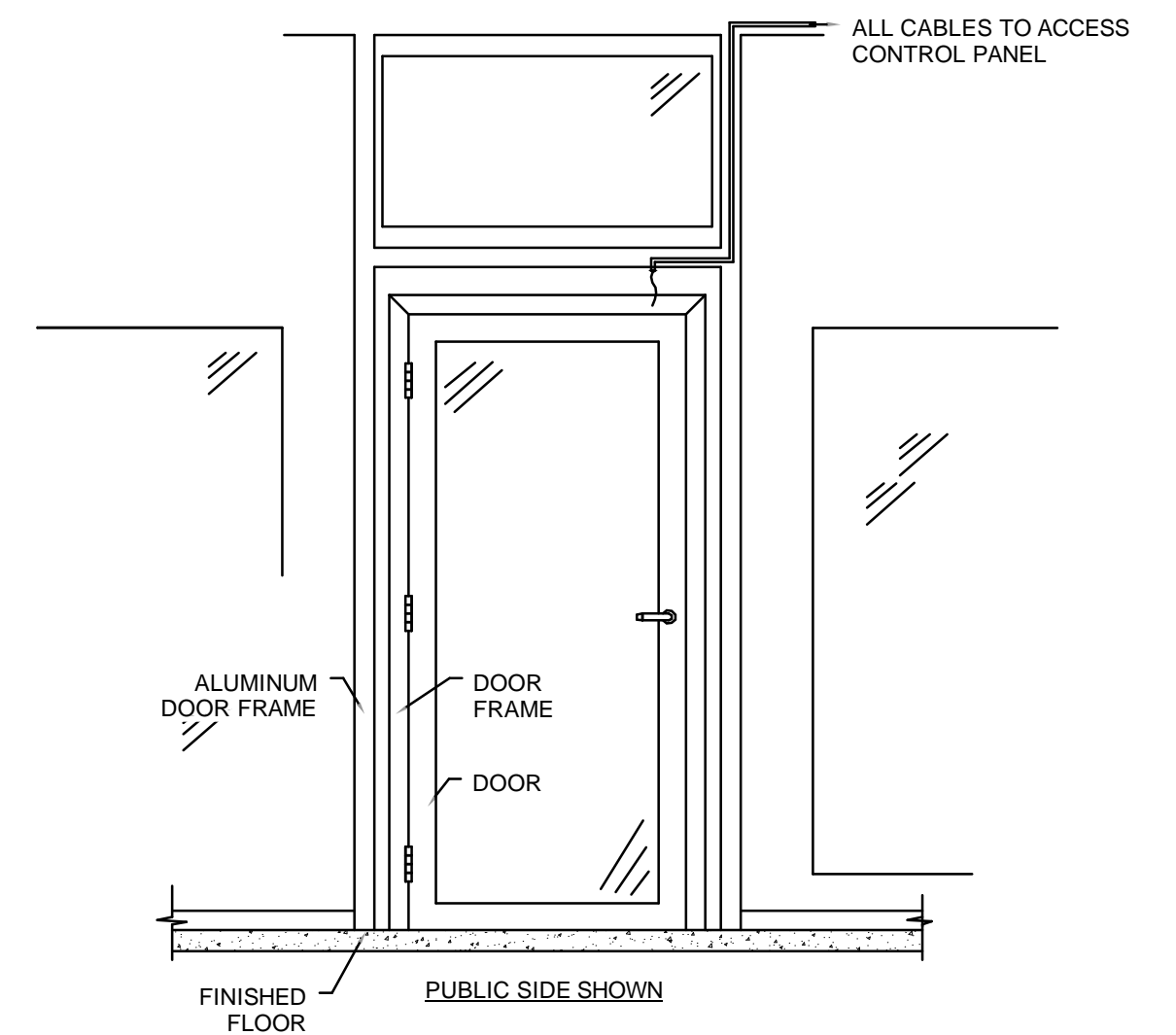
D EXTERIOR WALL SURFACE MOUNT CAMERA
N.T.S.



C SINGLE DOOR CARD READER - ELECTRIC LOCK
N.T.S.



B DOUBLE DOOR CONTACT (STORE FRONT)
N.T.S.



A SINGLE DOOR CONTACT (STORE FRONT)
N.T.S.

NOTES:

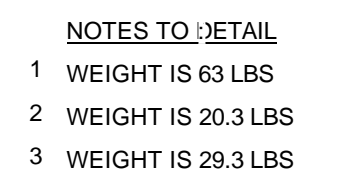
1. AT LOCATION CR-103 PROVIDE CONDUIT FROM THE JUNCTION BOX TO THE GUTTER IN THE PROTECTED ROOM.

NOTES:

1. WHEN DEVICE ARE MOUNTED IN CORNERS ENSURE THE SIDE OF THE BOX ARE NO LESS THAN 4" AWAY FROM THE VERTICAL WALL AND NO MORE THAN 6" AWAY.

BID SUBMISSION
NOVEMBER 27, 2013

		<div>CONSULTANTS:</div> <div><div><div></div><div>GUIDEPOST SOLUTIONS TECHNOLOGY DESIGN CONSULTING</div></div><div><div>388 17th Street - Suite 230 Oakland - CA 94612 Telephone - 510.268.8373 Fax - 510.839.4791 Web Site: www.guidepostsolutions.com</div></div></div>		<div><div><div></div><div>ARCHITECT</div></div><div><div><div>POLYTECH ASSOCIATES INC.</div><div><div>POLYTECH ASSOCIATES INC. 235 Pine Street, 17th Floor San Francisco, CA 94104 TEL (415) 397-3117 FAX (415) 397-1517</div></div></div></div></div>		<div><div><div>Drawing Title SECURITY DETAILS</div><div>Approved: Project Director</div></div></div>		<div><div><div>Project Title MPD - EMERGENCY SERVICE ANNEX POLICE STATION</div><div>Location 795 WILLOW ROAD, MENLO PARK, CA</div></div></div>		<div><div><div>Project Number 640-382</div><div>Building Number</div></div></div>		<div><div><div>Drawing Number TY401</div></div></div>		<div><div><div>Office of Construction and Facilities Management</div><div><div></div><div>Department of Veterans Affairs</div></div></div></div>	
Revisions:		Date													



A

VA FORM 08-6231