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DRAWING INDEX						
SHEET NUMBER	SHEET TITLE	PERMIT SET DATE: 05/24/2021	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ITS000	SYMBOL LIST	●				
ITS001	SPECIFICATIONS	●				
ITS002	LOW VOLTAGE DIAGRAMS	●				
ITS003	LOW VOLTAGE DIAGRAMS	●				
ITSD100	DEMOLITION LOW VOLTAGE PLAN	●				
ITS100	SIGNAL PLAN	●				
ITS300	SECURITY PLAN	●				
	TOTAL	7				



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Sheet Name

Project Name

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Project Number	20427
Date	05/24/2021
Drawn By	MSA
Checked By	PE

ITS000

TELECOMMUNICATIONS LABELING

TELECOM OUTLET FACEPLATE LABEL

RM# - OUTLET#

OUTLET NUMBER WITHIN ROOM (START W/"1" IN EACH ROOM).
WORK AREA ROOM NUMBER. EXAMPLE: RM 102, OUTLET 2 = "102-2"
SEE COMMUNICATION DETAILS.

TELECOM OUTLET JACK LABEL

TR# - PP# - JACK#

PATCH PANEL JACK OR 110 BLOCK POSITION (1-48)
PATCH PANEL OR TERMINATION BLOCK NUMBER (A-Z)
TERMINATING TELECOM ROOM. EXAMPLE: IDF 150, PATCH PANEL B,
PORT 48 = "150-B-48".

HORIZONTAL CABLE LABEL AT WORK AREA

TR# - PP# - JACK#

PATCH PANEL JACK OR 110 BLOCK POSITION (1-48)
PATCH PANEL OR TERMINATION BLOCK NUMBER (A-Z)
TERMINATING TELECOM ROOM. EXAMPLE: IDF 150, PATCH PANEL B,
PORT 48 = "150-B-48".

HORIZONTAL CABLE LABEL AT TELECOM ROOM

RM# - OUTLET# - JACK#

JACK NUMBER WITHIN OUTLET (1, 2, 3, 4, 5, 6)
OUTLET NUMBER IN ROOM (1, 2, 3, 4, ETC)
WORK AREA ROOM NUMBER, EXAMPLE: ROOM 102, OUTLET 2, JACK 3
= "102-2-3"

COPPER & FIBER PATCH PANEL LABEL

PP#

PATCH PANEL/WIRING BLOCK (ALPHA START WITH "A" AT TOP OF 1ST
RACK). EXAMPLE IDF 150, RACK 1, 3RD PATCH PANEL FROM TOP = "C"

COPPER PATCH PANEL JACK LABEL

RM# - OUTLET# - JACK#

JACK NUMBER WITHIN OUTLET PLATE (1, 2, 3, 4, 5, 6)
OUTLET NUMBER IN ROOM (1, 2, 3, 4, ETC)
WORK AREA ROOM NUMBER, EXAMPLE: ROOM 102, OUTLET 2, JACK 3 =
"102-2-3"

EQUIPMENT RACK OR CABINET LABEL

RACK#

RACK # IN TELECOM ROOM (RACK 1 IS IN THE 1ST ROW CLOSET
TO WALL). EXAMPLE MDF, ROW 1, RACK 1 = "RACK 1"

BACKBONE CABLE LABEL (LABEL BOTH ENDS)

TR# - TR# - #PAIRS - TYPE

U - UNSHIELDED TWISTED PAIR
MM - MULTIMODE FIBER OPTIC
SM - SINGLEMODE FIBER OPTIC
PAIR OR STRAND COUNT (1 - 600)
DESTINATION TELECOM ROOM (150, 237, ETC)
ORIGINATING TELECOM ROOM (MDF)
EXAMPLE 200-PR FROM MDF TO TR 150 = "MDF-150-200PR-U"

BACKBONE FIBER PATCH PANEL JACK / 110 WIRING BLOCK POSITION LABEL

TR# - PP# - JACK# OR POSITION#

PATCH PANEL JACK OR 110 BLOCK POSITION (1-48)
PATCH PANEL OR TERMINATION BLOCK NUMBER (A-Z)
TERMINATING TELECOM ROOM AT OPPOSITE END.
EXAMPLE: IDF 150, PATCH PANEL A, PORT 2 = "150-A-2"

GROUND BAR LABEL

TR# - TYPE

GROUND BAR TYPE (TGB OR TMGB)
TELECOM ROOM. EXAMPLE: MDF GROUND BAR = "MDF-TMGB"

GROUND CONDUCTOR LABEL AT GROUND BAR

EQUIP OR DESTINATION

ITEM GROUNDED AT OPPOSITE END
EXAMPLE: IDF 150, RACK 1 GROUND CONDUCTOR = "RACK 1"
EXAMPLE: TBB FROM IDF 150 TO MDF = "MDF-TBB"

CABLE MATRIX MASTER SCHEDULE									
SUBJECT TO COMPLIANCE WITH PROJECT SPECIFICATIONS, THE FOLLOWING LIST IS PROVIDED AS AN EXAMPLE OF ACCEPTABLE PRODUCTS. DEVIATION FROM THIS LIST MUST BE APPROVED THROUGH THE SUBMITTAL PROCESS.									
TYPE	DESCRIPTION	MANUFACTURER	PART#	CABLE O.D.	40% MAX CONDUIT FILL				
					3/4"	1"	1-1/4"	2"	4"
A	CATEGORY 6 CABLE (BLUE) - PLENUM	BELDEN	2413	0.224"	5	8	15	34	149
B	ACCESS CONTROL BANANA PEEL CABLE - PLENUM	BELDEN	658AFS	0.420"	1	1	4	9	42

INFORMATION TECHNOLOGY SYSTEMS GENERAL NOTES

1. **CODES AND STANDARDS:** ALL INFORMATION TECHNOLOGY SYSTEMS (ITS) WORK SHALL BE INSTALLED IN ACCORDANCE WITH THE NEC, ANSI, TIA, EIA AND BICSI STANDARDS.
2. **ER / TR SPACES SHALL HAVE 3/4"x4"x8" FIRE RATED PLYWOOD OR NON-FIRE RATED PLYWOOD PAINTED WITH TWO (2) COATS OF FIRE RESISTANT PAINT ON ALL SIDES. THE FIRE RATED PLYWOOD SHALL BE CERTIFIED WOOD WITH NO ADDED UREA FORMALDEHYDE RESINS. THE FIRE RATED PLYWOOD SHALL BE MOUNTED 4" ABOVE FINISHED FLOOR AND END AT 8" 4" ABOVE FINISHED FLOOR. ALL ITS ROOMS SHALL HAVE ANTI-STATIC TILE.**

DIVISION 16 RESPONSIBILITY:

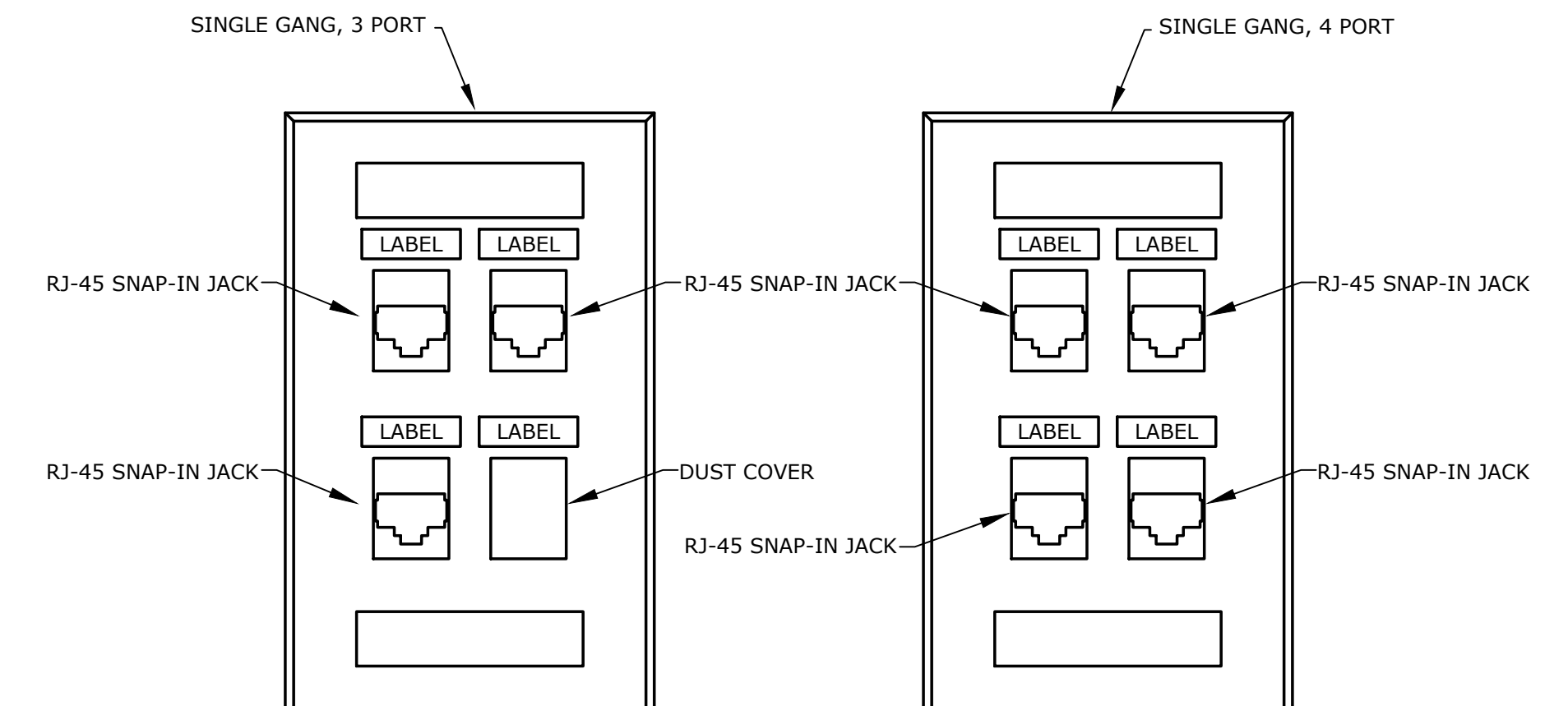
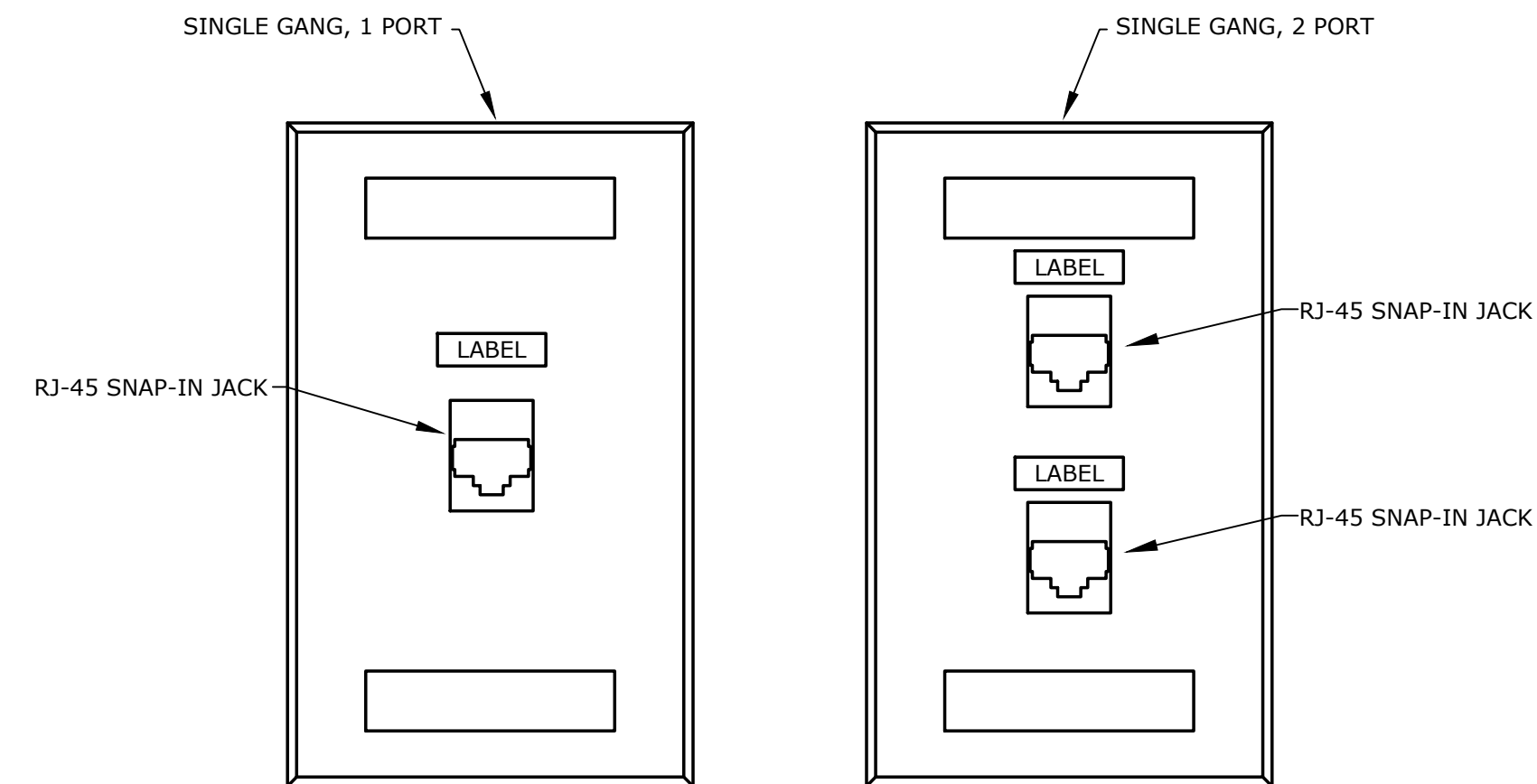
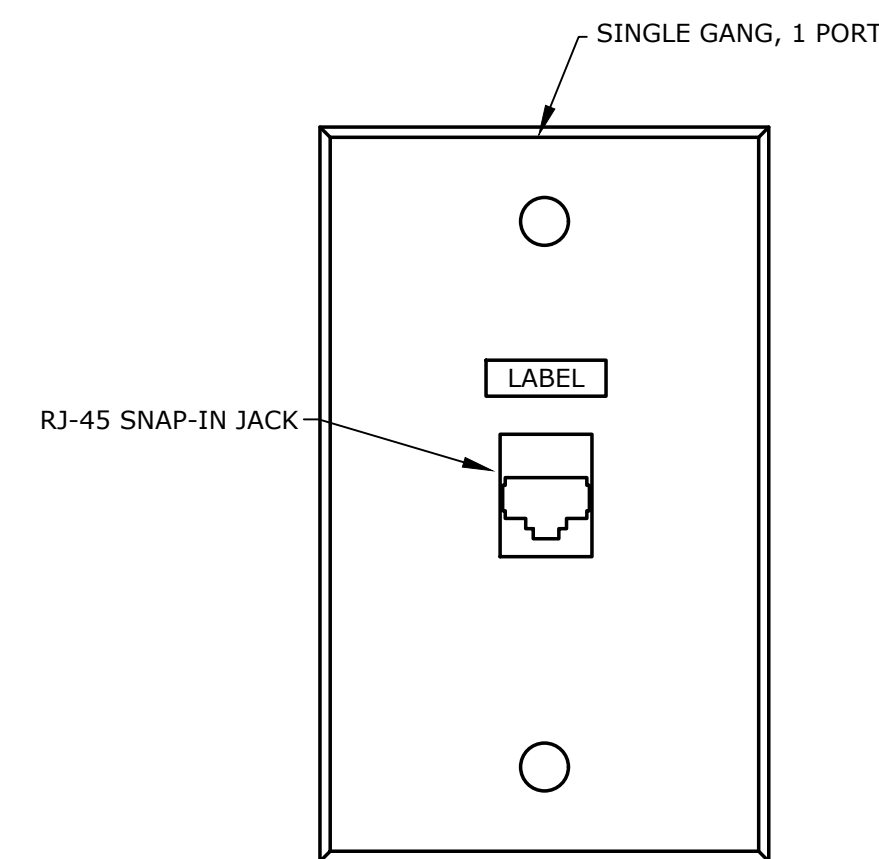
1. **TRACEWAY:** INSTALL ALL TRACEWAY AS SHOWN ON ITS DRAWINGS INCLUDING MANUFACTURER SUGGESTED SUPPORTS, CONNECTORS AND ANY SEISMIC BRACING. INCLUDE ALL CONDUIT, OUTLET BOXES, JUNCTION BOXES, PULL BOXES, VALVES AND PATE THROUGH FLEEVES. PROVIDE 12"x12"x4" PULL BOX AFTER EVERY 180° OF CONDUIT TURNS OR 100' CONTINUOUS RUN. PULL BOX MAY NOT BE UTILIZED AS A 90° TURN, DO NOT SCALE TRACEWAY FROM THE ITS DRAWINGS. PROVIDE PULL STRINGS IN ALL CONDUIT WITH OR WITHOUT CABLING ALREADY INSTALLED.
2. **ALL OUTLETS SHALL HAVE A SIEMON 5 SQUARE, EXTRA DEEP JUNCTION BOX WITH WIRE MANAGEMENT AND (1) ONE 1" OR 1 1/4" CONDUIT AS CONDITIONS REQUIRE TO THE CEILING SPACE WITH A SMOOTH THROU CONNECTOR, NYLON BUSHING AND 45 DEGREE TURN UP ON THE CONDUIT STUB AS SHOWN IN ITS DIAGRAM.**
3. **ALL CONDUIT STUBS SHALL BE REAMED AND INSTALLED WITH A NYLON BUSHING PRIOR TO PULLING CABLE. ALL CONDUITS SHALL BE SIZED NOT TO EXCEED 40% CABLE FILL.**
4. **ALL DISPLAY (MONITOR, TV AND DIGITAL SIGNAGE) LOCATIONS SHALL HAVE RECESSED OUTLETS TO ALLOW THE POWER AND DATA CABLES TO BE RECESSED INTO THE WALL ALLOWING THE DISPLAY TO BE FLUSH MOUNTED.**
5. **ALL POINTS OF ENTRY TO ER / TR SPACES SHALL HAVE STI E-8 PATH FIRE RATED PATHWAY OR EQUAL INSTALLED TO ACCOMMODATE THE APPROPRIATE NUMBER OF CABLES. REFER TO ITS ER / TR DRAWINGS FOR LOCATIONS AND QUANTITY. REFER TO ITS DIAGRAM FOR ADDITIONAL INFORMATION.**
6. **ALL OTHER PENETRATIONS THROUGH FIRE RATED BUILDING STRUCTURES (WALLS AND FLOORS) SHALL BE SEALED WITH AN APPROPRIATE UL LISTED FIRE STOP SYSTEM, LISTED TO ASTM E814, AND APPROVED BY THE ENGINEER OF RECORD AND AUTHORITY HAVING JURISDICTION (AHJ).**
7. **GROUNDING AND BONDING: ALL BONDING AND GROUNDING SHALL BE IN ACCORDANCE WITH THE NEC ARTICLES 250 AND 800. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION OF BACKBONE GROUNDING WORK. THIS INCLUDES BUT IS NOT LIMITED TO COPPER GROUNDING BUS BARS (TMBG & TGB) GROUNDING CONNECTORS, CONDUIT, GROUNDING BUSHINGS, 2-HOLE LUGS. THE ITS CONTRACTOR IS RESPONSIBLE TO PROVIDE AND CONNECT ER / TR / TE RACKS, CABINETS, LADDER TRAY AND WIRING BLOCKS WITHIN THE ER / TR SPACES AS SHOWN ON THE ITS DRAWINGS USING APPROPRIATELY SIZED STANDARD AND INSULATED GROUNDING CABLE.**
8. **ACCESS DOORS ARE THE RESPONSIBILITY OF THE DIVISION 26 CONTRACTOR TO LOCATE, SPECIFY AND PROVIDE. INSTALLATION BY OTHERS.**

DIVISION 27 RESPONSIBILITY:

1. **GENERAL REQUIREMENTS:** INCLUDE ALL LABOR MATERIALS, EQUIPMENT, TOOLS, TRANSPORTATION, STORAGE COST, EXCAVATION, TRAINING, INSURANCE, TEMPORARY PROTECTION, PERMITS, INSPECTIONS, TAXES AND ALL OTHER NECESSARY COMPONENTS REQUIRED TO PROVIDE A COMPLETE AND OPERATIONAL ITS SYSTEM AS SHOWN ON THE CONTRACT DRAWINGS AND DESCRIBED IN THE DIVISION 27 SPECIFICATIONS. "PROVIDE" MEANS FURNISH, INSTALL, ACTIVATE AND COMMISSION ALL ACCESSORIES, ASSOCIATED HARDWARE AND DEVICES REQUIRED FOR A COMPLETE ITS INSTALLATION. THE DIVISION 26 AND THE DIVISION 27 CONTRACTORS ARE RESPONSIBLE TO COORDINATE AND ENSURE ALL WORK SHOWN ON THE ITS DRAWINGS AND DESCRIBED IN THE DIVISION 27 SPECIFICATIONS IS COMPLETED. THE DIAGRAMS USED IN THE ITS DRAWING PACKAGE IS DIAGRAMMATIC, FIELD VERIFY ALL DIMENSIONS, LOCATIONS AND LAYOUT. REVIEW ALL ARCHITECTURAL, STRUCTURAL, CIVIL, MECHANICAL AND SPECIAL SYSTEMS AND ADJUST WORK TO MEET THE REQUIREMENTS OR CONDITIONS SHOWN THEREIN.
2. **THE DIVISION 27 ITS CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ALL WORK SHOWN ON THE ITS DRAWINGS. THIS INCLUDES BUT LIMITED TO ALL HORIZONTAL AND BACKBONE CABLING, FACEPLATES, OUTLET MODULES, WIRING BLOCKS, PATCH PANELS, FIBER ENCLOSURES, LADDER TRAY WITH SUPPORTS, CONNECTORS, EQUIPMENT RACKS OR CABINETS, PDUS, WIRE MANAGEMENT, SADDLES OR LOOPS, VELCRO WRAPPING, PATCH CORDS, CROSS CONNECTS, LABELING, CABLE TESTING AND CERTIFICATION.**
3. **EQUIPMENT RACKS AND CABINETS:** ALL ITS EQUIPMENT RACKS AND CABINETS SHALL BE 84" HIGH WITH 19" RACK MOUNTING SPACES UNLESS OTHERWISE NOTED AND SHALL BE MOUNTED WITH (4) FOUR 5/8" CONCRETE EXPANSION ANCHORS. RACKS AND CABINETS SHALL BE SECURED TO THE LADDER RACK SHALL BE PAINTED OR HAVE WRAPPED WITH VELCRO AT 1" CENTERS INSIDE THE ER / TR SPACES. NO DATA CABLE SHALL BE PAINTED OR HAVE OVER SPRAY. CONTRACTOR TO ASSURE THAT ALL PAINTING IS DONE PRIOR TO CABLE INSTALLATION. PRIOR TO TESTING, ANY CABLE FOUND WITH PAINT ON IT SHALL BE REPLACED WITH NEW CABLE AT NO COST TO OWNER.
4. **SUPERVISION:** ALL WORK SHALL BE SUPERVISED BY A BICSI CERTIFIED TECHNICIAN AND ALL DRAWINGS AND SUBMITTALS SHALL BE SIGNED BY A RCD DESIGN PROFESSIONAL.
5. **CABLE MAINTENANCE:** THE MAXIMUM CABLE LENGTH BETWEEN THE FIELD OUTLET AND THE TERMINATION WITHIN THE ER / TR / TE (PERMANENT LINK) SHALL NOT EXCEED 295'. NOTIFY THE ENGINEER OF ALL CATEGORY CABLES LONGER THAN THE 295' PRIOR TO INSTALLATION. PROVIDE 20' MINIMUM SERVICE LOOP FOR ALL HORIZONTAL CABLES AND 50' MINIMUM SERVICE LOOP FOR ALL BACKBONE CABLES TO ALLOW FOR MINOR RELOCATION. MULTI PAIR AND FIBER OPTIC BACKBONE CABLES SHALL BE PROVIDED A MINIMUM OF 20' MAINTENANCE LOOP AND BE STORED IN A 12" MINIMUM DIAMETER COIL ON THE PLYWOOD BACKBOARD. ALL CABLES SHALL BE INSTALLED IN A NEAT WORKMANLIKE MANNER, LOOSELY BUNDLED IN GROUPS OF NO MORE THAN (24) TWENTY FOUR CABLES AND WRAPPED WITH VELCRO AT 1" CENTERS INSIDE THE ER / TR SPACES. NO DATA CABLE SHALL BE PAINTED OR HAVE OVER SPRAY. CONTRACTOR TO ASSURE THAT ALL PAINTING IS DONE PRIOR TO CABLE INSTALLATION. PRIOR TO TESTING, ANY CABLE FOUND WITH PAINT ON IT SHALL BE REPLACED WITH NEW CABLE AT NO COST TO OWNER.
6. **TESTING / CERTIFICATION:** ALL INSTALLED STRUCTURED CABLING SHALL BE LABELED AT EACH END IN ACCORDANCE WITH TIA-EIA ADMINISTRATION STANDARDS. ALL INSTALLED STRUCTURED CABLING SHALL BE TESTED AND CERTIFIED IN ACCORDANCE WITH ANSI/TIA-568-2-D ADMINISTRATION STANDARDS. TESTING SHALL BE DONE TO THE PERMANENT LINK STANDARD, WITH A TESTER APPROVED BY THE MANUFACTURER AND ENGINEER OF RECORD. CERTIFIED TEST REPORTS IN RAW TESTER FORMAT AND PDF FORMAT SHALL BE SUBMITTED IN BINDERS AND MANUFACTURER'S RUN/UP APPROVAL AT THE COMPLETION OF THE PROJECT. COPPER AND FIBER TEST RESULTS SHALL BE SEPARATED WITHIN.
7. **WARRANTY / GUARANTEE:** THE ITS STRUCTURED CABLING SYSTEM SHALL BE INSTALLED BY A CERTIFIED ITS CONTRACTOR FOR THE SYSTEM IDENTIFIED IN THE ITS DRAWINGS. THE COPPER SYSTEM SHALL INCLUDE A MINIMUM PERMANENT LINK SOLUTION BY ONE MANUFACTURER AS NOTED ON THE DRAWINGS AND SHALL INCLUDE A MINIMUM TWENTY YEAR MANUFACTURER WARRANTY. BACKBONE FIBER OPTIC CABLING, INCLUDING TERMINATIONS, SHALL INCLUDE A MINIMUM OF TWENTY YEAR MANUFACTURER WARRANTY. ALL WARRANTY INFORMATION, REGISTRATION AND CERTIFICATION DOCUMENTS SHALL BE PROVIDED TO THE OWNER OR OWNER'S CERTIFIED REPRESENTATIVE PRIOR TO PROJECT START. THE COMPLETE ITS STRUCTURED CABLING SYSTEMS AND ALL PORTIONS THEREIN AS COVERED IN THE CONTRACT DRAWINGS SHALL BE GUARANTEED TO BE FREE FROM DEFECTS IN WORKSMANSHIP FOR A MINIMUM PERIOD OF (1) ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE. ITS CONTRACTOR SHALL PROMPTLY REMEDY SUCH DEFECTS AND ANY SUBSEQUENT DAMAGE CAUSED BY THE DEFECTS OR REPAIR AT NO EXPENSE TO THE OWNER.
8. **CLOSE OUT DOCUMENTS:** AS BUILT DRAWINGS SHALL BE SUBMITTED PRIOR TO FINAL ACCEPTANCE. THE CONTRACTOR SHALL PROVIDE (1) ONE HARD COPY SET AND (1) ONE ELECTRONIC SET (.DWG) INDICATING THE FOLLOWING ADDITIONAL INFORMATION: ROUTING OF ALL TRAY, BACKBONE CONDUIT, END TO END HORIZONTAL CONDUIT PATHWAYS 2" OR GREATER, OUTLET ID / LABELS MATCHING THE TEST REPORTS, CONTRACTOR'S NAME, ADDRESS, AND PHONE NUMBER BE IDENTIFIED ON ALL PAGES. CLOSE OUT OF DRAWINGS SHALL BE CLEARLY DRAWN ELECTRONICALLY WITH AN APPEARANCE EQUAL TO THE ORIGINAL CONTRACT DRAWINGS.

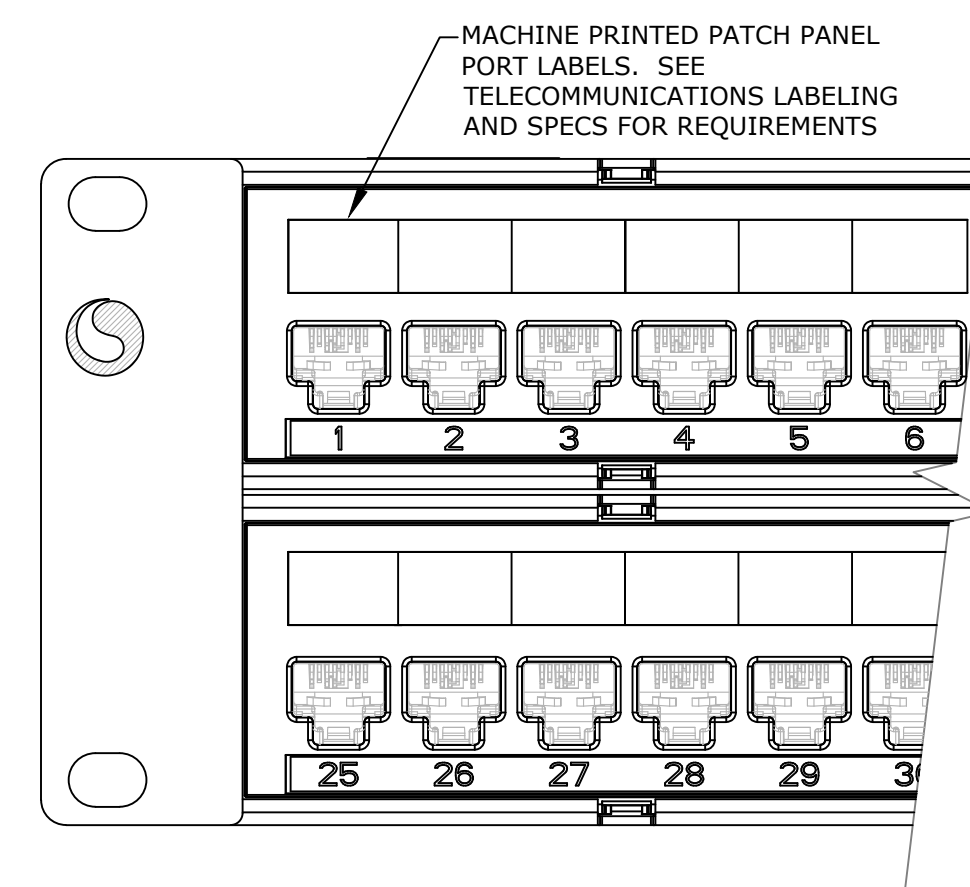
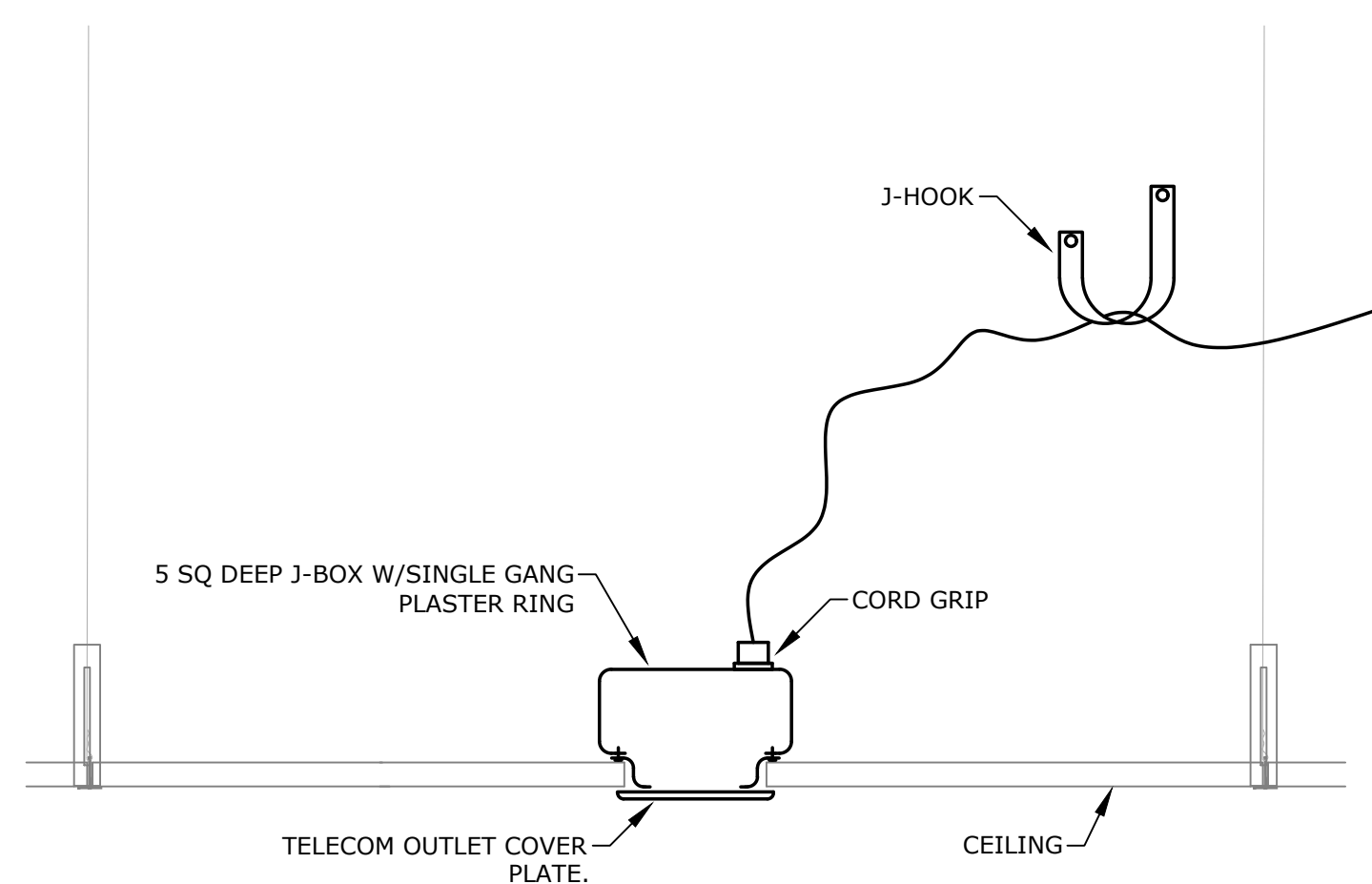
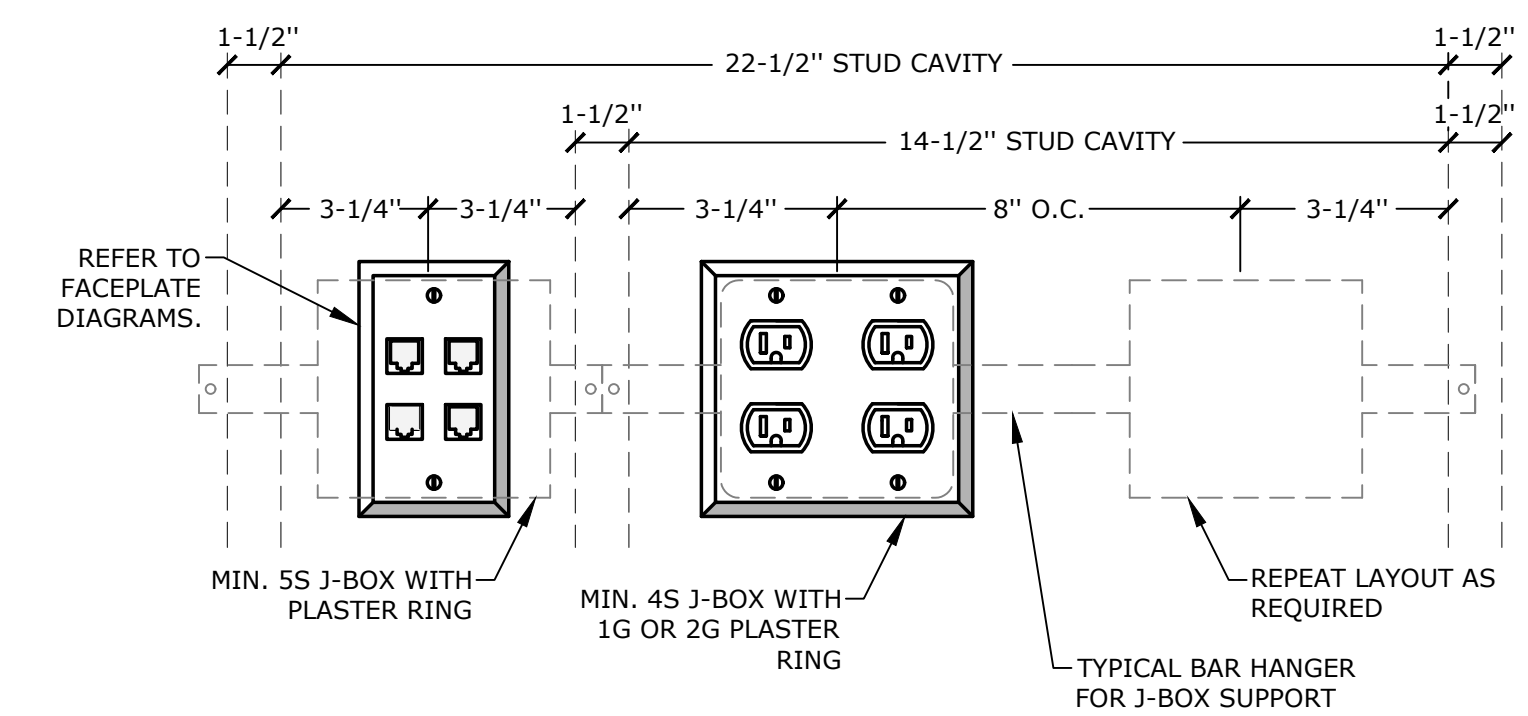
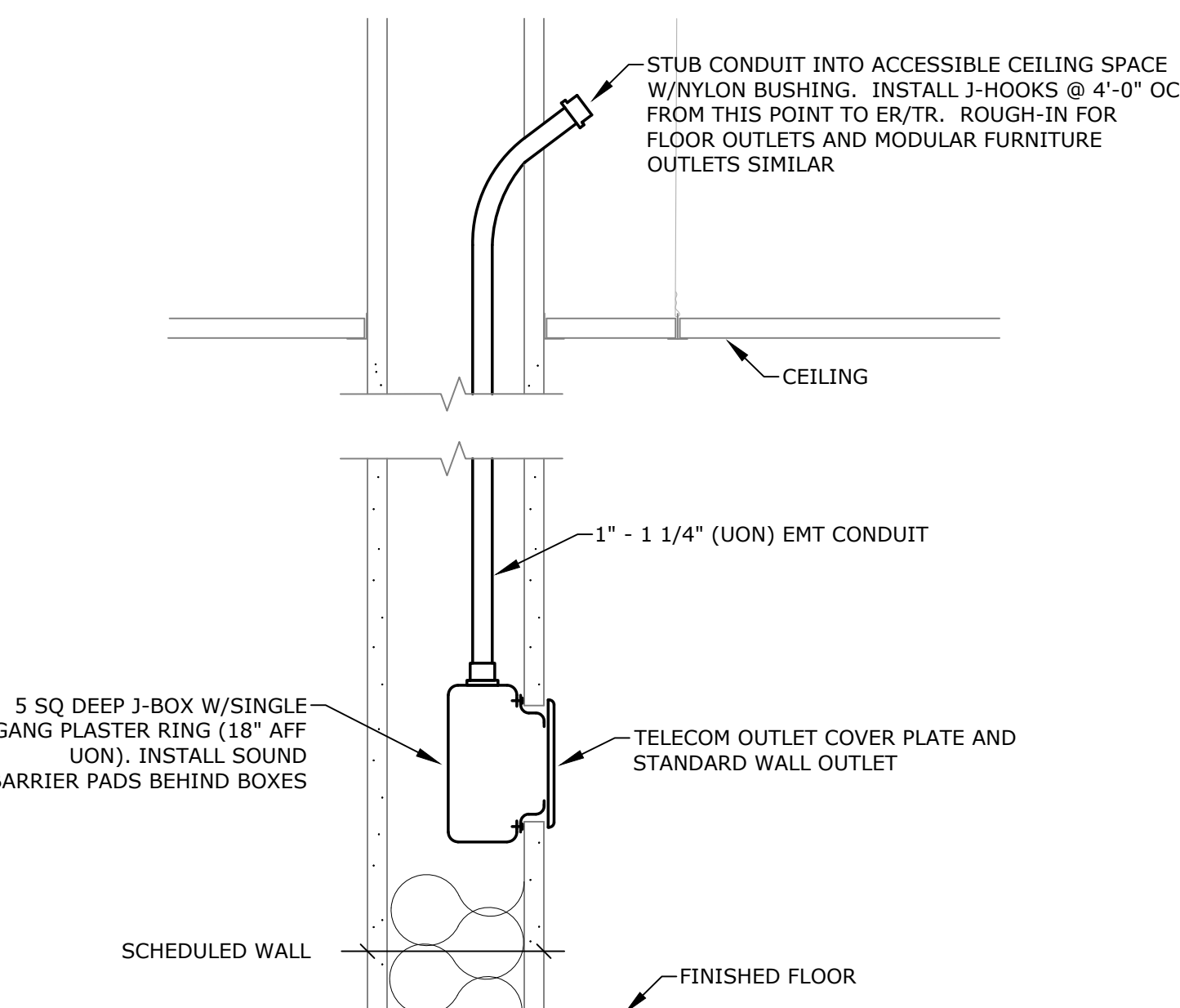
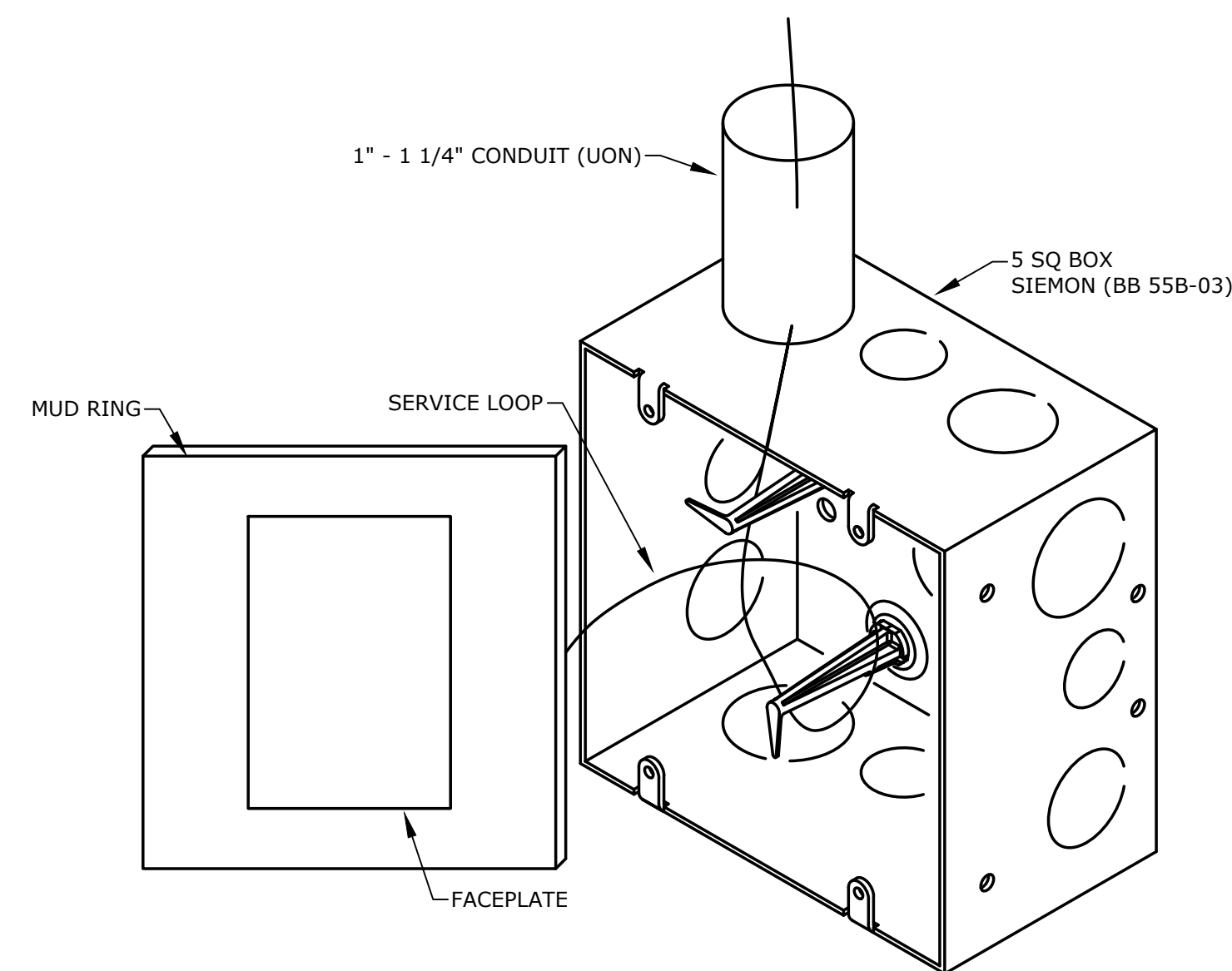


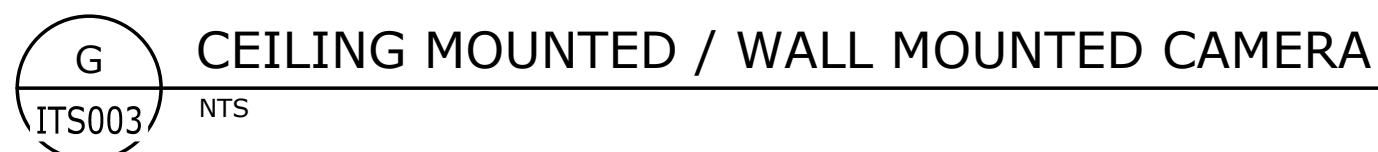
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DELTA NO.	REVISION NO.	DESCRIPTION	DATE
Project Number		20427	
Date		05/24/2021	
Drawn By		MSA	
Checked By		PE	
ITS001			



GENERAL NOTES:

1. THE CONTRACTOR SHALL PROVIDE AND INSTALL ALL MATERIALS IDENTIFIED IN THESE DIAGRAM DRAWINGS AND ALL ADDITIONAL MATERIALS REQUIRED FOR THE SUCCESSFUL INSTALLATION OF THE LOW VOLTAGE SYSTEMS IN THE MDF/IDF SPACES.





LOW VOLTAGE
DIAGRAMS
Southern Nevada Health District

SNHD LAB EXPANSION

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- | SHEET NOTES: | |
|--------------|---|
| 1 | EXISTING TELE/DATA OUTLETS IN AREA TO BE REMOVED. THIS SHALL INCLUDE, BUT IS NOT LIMITED TO OUTLETS, OUTLET BOXES, CONDUIT, CABLES, ETC. BACK TO NEAREST ACCESSIBLE POINT OF ORIGIN OR SOURCE. CONTRACTOR TO COORDINATE WITH OWNER. |
| 2 | EXISTING TELE/DATA OUTLETS TO REMAIN. THIS SHALL INCLUDE, BUT IS NOT LIMITED TO OUTLETS, OUTLET BOXES, CONDUIT, CABLES, ETC. BACK TO NEAREST ACCESSIBLE POINT OF ORIGIN OR SOURCE. CONTRACTOR TO COORDINATE WITH OWNER. |



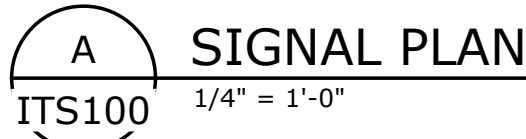
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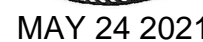


0' 1' 2' 4' 8'



1. LAYOUT OF EQUIPMENT INDICATED ON THE DRAWINGS SHALL BE CHECKED AND COMPARED AGAINST ALL DRAWINGS AND SPECIFICATIONS OF ALL TRADES AND EXACT LOCATIONS DETERMINED USING APPROVED SHOP DRAWINGS OF SUCH EQUIPMENT. WHERE PHYSICAL INTERFERENCES OCCUR, CONSULT WITH THE PROJECT MANAGER AND PREPARE DATE, DIMENSIONED DRAWINGS COORDINATED WITH ALL OTHER TRADES WORKING IN THIS AREA AND CORRECTING SUCH INTERFERENCE.
2. REFER TO INFORMATION TECHNOLOGY SYSTEM SPECIFICATIONS FOR GENERAL NOTES, CABLE TYPES AND PART NUMBERS. REFER TO THE INFORMATION TECHNOLOGY SYSTEM DIAGRAM SERIES FOR COVER PLATE LAYOUTS AND ADDITIONAL INFORMATION.
3. PROVIDE CAT6 RJ-45 JACKS (HUBBELL #HXJ6B) AT DEVICE LOCATIONS AND WALL MOUNTED CAT6 PORT PATCH PANELS (AS REQUIRED) IN TR ROOM 104.

- 1 ABOVE CEILING J-BOX CONNECTED TO UNISTRUT SUPPORT WITH 1" SEALTITE CONDUIT RUN DOWN TO WIREMOLD RACEWAY. 2-CHANNEL COMPARTMENT (POWER/DATA) WIREMOLD RACEWAY SHELL BE SUSPENDED FROM THE CEILING. PROVIDE CAT6 RJ-45 JACKS (HUBBELL #HXJ6B) AT 24" O.C. ROUTE CABLEING TO TR ROOM 104. REFER TO ARCHITECTURAL AND ELECTRICAL FOR ADDITIONAL INFORMATION.
- 2 PROVIDE TWO (2) TYPE 'A' CABLES FROM EQUIPMENT RECEPTACLE TO TR ROOM 104. CONFIRM WITH OWNER'S REPRESENTATIVE PRIOR TO ROUGH-IN.
- 3 PROVIDE ONE (1) TYPE 'A' CABLE FROM WALL PHONE TO TR ROOM 104.
- 4 PROVIDE ONE (1) TYPE 'A' CABLE FROM WIRELESS ACCESS POINT TO TR ROOM 104.
- 5 PROVIDE ONE (1) TYPE 'A' CABLE FROM TELEVISION TO TR ROOM 104.
- 6 PROVIDE TWO (2) TYPE 'A' CABLES FROM WORKSTATION TO TR ROOM 104.



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SIGNAL PLAN
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Checked By	PE

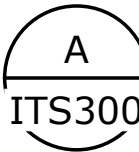
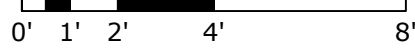
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MSA #L20211

MSA #L2021


$$1/4'' = 1'-0''$$


1. THE SYSTEM(S) DESIGN/LAYOUT CONTAINED IN THESE SHEETS ARE CONCEPTUAL ONLY AND ARE BASED ON THE OWNER INPUT RECEIVED AND DESIGN TEAM INFORMATION COORDINATED THUS FAR. THE AWARDED CONTRACTOR(S)/INTEGRATOR(S) SHALL BE RESPONSIBLE FOR ADAPTING THE SYSTEM(S) AND DESIGN INTENT ILLUSTRATED WITHIN THIS DESIGN-BUILD CRITERIA TO THE ACTUAL CONDITIONS OF THIS PROJECT AND THE FINAL OWNER'S NEEDS. CONTRACTOR(S) SHALL COORDINATE, CONFIRM AND FINALIZE DESIRED SYSTEM(S) COVERAGE, FEATURES AND PROGRAMMING WITH OWNER, OWNER'S SUPPORT STAFF (IT, SECURITY, ECT.) DESIGN TEAM, AND OTHER TRADES/DISCIPLINES PRIOR TO COMPLETING FINAL CONSTRUCTION DOCUMENTS FOR THE SYSTEM(S) IDENTIFIED WITH-IN THESE DOCUMENTS. COORDINATE DEVICE LOCATIONS, HEIGHTS, ECT. WITH ARCHITECT AND OTHER TRADES PRIOR TO ROUGH-IN.
2. ALL DESIRED SYSTEM SOFTWARE PLATFORMS AND QUANTITY OF LICENSES SHALL BE PROVIDED FOR ALL FURNISHED EQUIPMENT AS PART OF THE CONTRACTOR'S COMPLETE AND OPERABLE SYSTEM(S). ALL SYSTEM SOFTWARE PLATFORMS INSTALLED SHALL BE THE FULL AND COMPLETE VERSION OF THE MOST RECENT SOFTWARE PACKAGE AVAILABLE AT THE TIME OF THE INSTALLATION. OWNER SHALL BE PROVIDED FORMAL COPIES OF ALL LICENSES AND FURNISHED WITH ALL USER NAMES AND PASSWORDS TO THE SYSTEM AS PART OF CLOSE-OUT DOCUMENTATION.
3. REFER TO INFORMATION TECHNOLOGY SYSTEM SPECIFICATIONS FOR GENERAL NOTES, CABLE TYPES AND PART NUMBERS. REFER TO THE INFORMATION TECHNOLOGY SYSTEM DIAGRAM SERIES FOR ADDITIONAL INFORMATION OF SECURITY AND SURVEILLANCE DEVICES.
4. ALL CAMERAS ARE TO BE OWNER PROVIDED AND CONTRACTOR INSTALLED.
5. PROVIDE CAT6 RJ-45 JACKS (HUBBELL #HXJ6B) AT DEVICE LOCATIONS AND WALL MOUNTED CAT6 48 PORT PATCH PANELS (AS REQUIRED) IN TR ROOM 104.

- 1 PROVIDE ONE (1) TYPE 'B' CABLE FROM ACCESS CONTROLLED DOOR TO TR ROOM 104.
- 2 PROVIDE ONE (1) TYPE 'A' CABLE FROM CAMERA TO TR ROOM 104.



MAY 24 2021

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SECURITY PLAN

Southern Nevada Health District

SNHD LAB EXPANSION

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