

BLDG A 4TH STREET CONDOS

47 W 5TH STREET SILVERTHORNE, CO

*THIS TECHNOLOGY DRAWING SET IS NOT FINALIZED FOR CONSTRUCTION AND IS PENDING DESIGN REVIEW WITH OWNER

*THIS TECHNOLOGY DRAWING SET IS PENDING THE JOINT TRENCH DESIGN FROM THE SERVICE PROVIDER(S) TO COMPLETE CONDUIT ROUTING ON SITE - NOT FINALIZED FOR CONSTRUCTION

PROJECT DIRECTORY:

DEVELOPER:
MILENDER WHITE
12655 W 54TH DRIVE
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ARCHITECT:
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ELECTRICAL ENGINEER:
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1800 GLENARM PL
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CIVIL ENGINEER:
TETRA TECH
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SUITE 140
BRECKENRIDGE, CO 80424
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LANDSCAPE ARCHITECT:
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SUITE 130
BOULDER, CO 80301
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TECHNOLOGY CONSULTANT:
EVERBASE SOLUTIONS
DENVER | CO
O: 885-255-5521

PROJECT ARCHITECT

TECHNOLOGY CONSULTANT



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PROJECT INFORMATION

BLDG A 4TH STREET CONDOS
47 W 5TH STREET SILVERTHORNE, CO

ORIGINAL ISSUANCE: DATE: 03/31/23

50% CD SET NOT FOR CONSTRUCTION

REVISIONS

REVISION	DATE	DELTA
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SYSTEM DESIGNER: AD/AF

SYSTEM REVIEWER: LR

ECS JOB NUMBER: ES-3247

SHEET INFORMATION:

SHEET TITLE:

BUILDING TECHNOLOGY
PROJECT COVER SHEET

SHEET NUMBER:

TG000

SHEET NUMBER	SHEET DESCRIPTION	ISSUANCE TITLE	ISSUE DATE	REVISION TITLE	REVISION DATE
Technology Set - General Information Sheet					
TG000	BUILDING TECHNOLOGY PROJECT COVER SHEET	50% CD SET	03/31/23		
TG001	GENERAL DETAILS	50% CD SET	03/31/23		
TG002	GENERAL DETAILS	50% CD SET	03/31/23		
Technology Set - DataComm/Network System Sheets					
A-TD000	DATACOMM/NETWORK SYSTEM COVER SHEET	50% CD SET	03/31/23		
A-TD010	SITE PLAN - DATACOMM/NETWORK SYSTEM LAYOUT	50% CD SET	03/31/23		
A-TD201	BLDG A LEVEL 1 - DATACOMM/NETWORK SYSTEM LAYOUT	50% CD SET	03/31/23		
A-TD211	BLDG A LEVEL 2 - DATACOMM/NETWORK SYSTEM LAYOUT	50% CD SET	03/31/23		
A-TD221	BLDG A LEVEL 3 - DATACOMM/NETWORK SYSTEM LAYOUT	50% CD SET	03/31/23		
TD700	DATACOMM/NETWORK SYSTEM UNIT PLANS	50% CD SET	03/31/23		
TD701	DATACOMM/NETWORK SYSTEM UNIT PLANS	50% CD SET	03/31/23		
TD702	DATACOMM/NETWORK SYSTEM UNIT PLANS	50% CD SET	03/31/23		
TD703	DATACOMM/NETWORK SYSTEM UNIT PLANS	50% CD SET	03/31/23		
TD704	DATACOMM/NETWORK SYSTEM UNIT PLANS	50% CD SET	03/31/23		
TD705	DATACOMM/NETWORK SYSTEM UNIT PLANS	50% CD SET	03/31/23		
TD800	DATACOMM/NETWORK SYSTEM DETAILS	50% CD SET	03/31/23		
Technology Set - Security System					
A-TS000	SECURITY SYSTEM COVER SHEET	50% CD SET	03/31/23		
A-TS001	SECURITY SYSTEM MOUNTING HEIGHTS	50% CD SET	03/31/23		
A-TS201	BLDG A LEVEL 1 - SECURITY SYSTEM LAYOUT	50% CD SET	03/31/23		
TS801	ACCESS CONTROL SYSTEM DOOR DETAILS	50% CD SET	03/31/23		
TS802	ACCESS CONTROL SYSTEM GATE DETAILS	50% CD SET	03/31/23		
TS803	CCTV SYSTEM DETAILS	50% CD SET	03/31/23		
TS900	ACCESS CONTROL SYSTEM DOOR	50% CD SET	03/31/23		
TS901	LOCK SCHEDULE	50% CD SET	03/31/23		
TS902	CCTV SCHEDULE & DIAGRAM	50% CD SET	03/31/23		

PROJECT CODE SUMMARY:

APPLICABLE CODE SERIES: 2018 INTERNATIONAL BUILDING CODE
2018 INTERNATIONAL RESIDENTIAL CODE
2018 INTERNATIONAL MECHANICAL CODE
2018 INTERNATIONAL PLUMBING CODE
2018 INTERNATIONAL ENERGY CONSERVATION CODE
2018 INTERNATIONAL FIRE CODE
2020 NATIONAL ELECTRICAL CODE
ICC/ANSI A117.1 2009 ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES
LOCAL AMENDMENTS: 2018 CODE AMENDMENTS FOR SUMMIT COUNTY

OCCUPATION GROUP: A2 ASSEMBLY AT LEVELS 1
S1 STORAGE ROOMS AT LEVEL 1
S2 PARKING AT LEVEL 1
R2 RESIDENTIAL AT LEVELS 2 THRU 3

CONSTRUCTION TYPE: TYPE VB AT LEVELS 1 THRU 3

PRIMARY BUILDING USE: RESIDENTIAL

BUILDING FLOORS: 3 LEVELS ABOVE GRADE

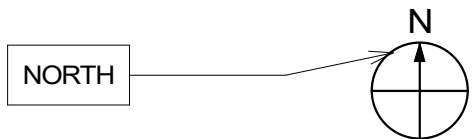
UNITS: 72 TOTAL UNITS IN PROJECT

ANNOTATION LEGEND:

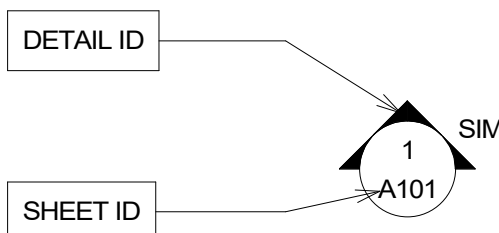
GRAPHIC SCALE



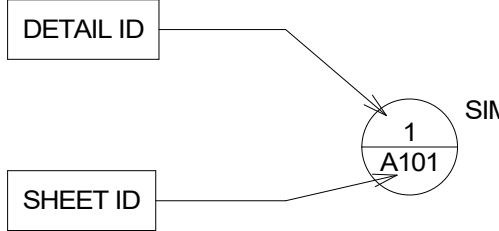
NORTH ARROW REFERENCE



SECTION REFERENCE



DETAIL REFERENCE



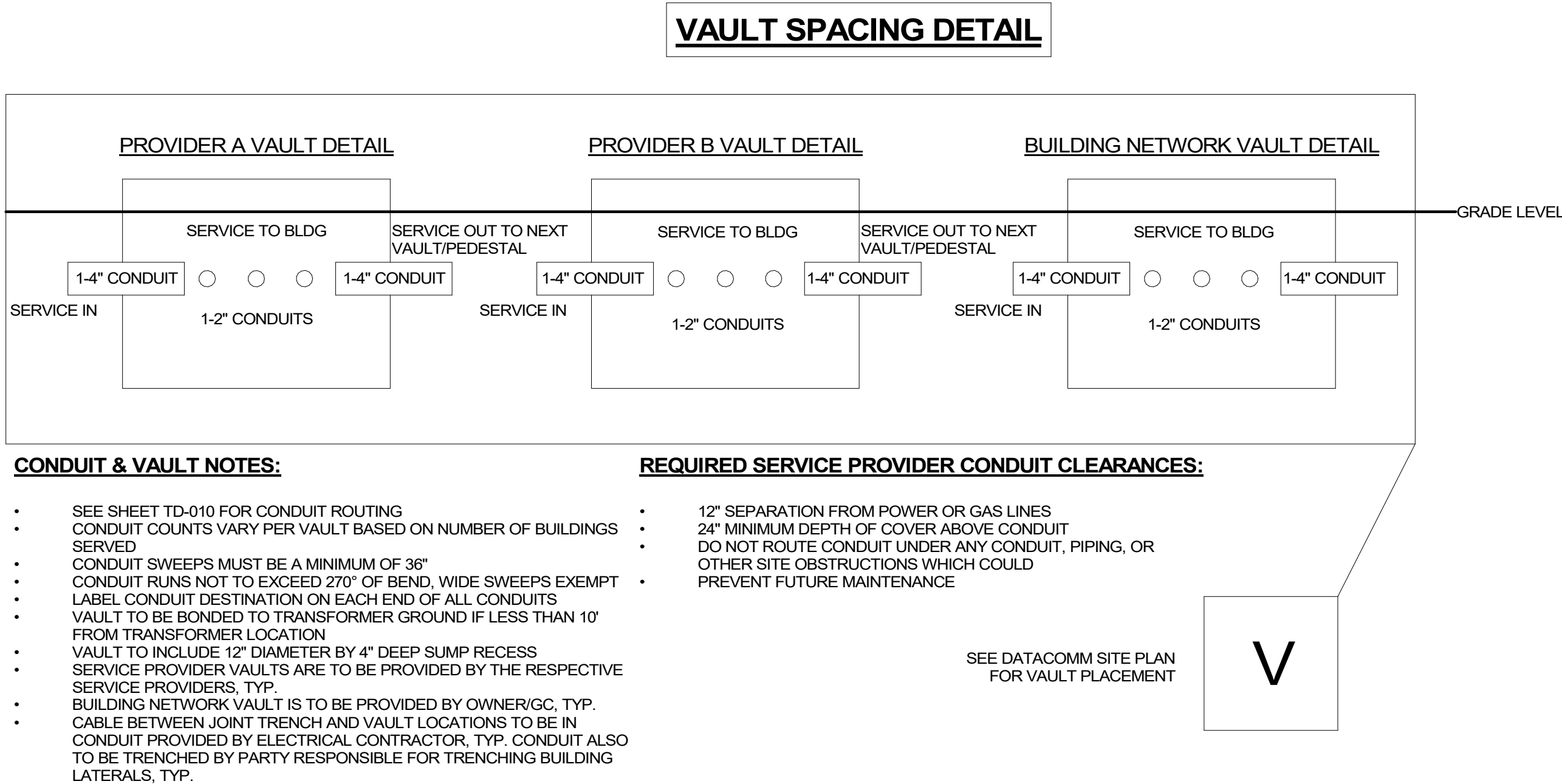
ABBREVIATIONS:

AC - ABOVE COUNTER-TOP
AFF - ABOVE FINISH FLOOR
AP - ACCESS PANEL
AV - AUDIO VISUAL EQUIPMENT RACK
BDA - BI-DIRECTIONAL AMPLIFICATION
BLDG - BUILDING
BOH - BACK OF HOUSE
BT - BLUETOOTH
DC - DOOR CONTACT SENSOR
DP - DOOR POSITION SENSOR
EB - REQUEST TO EXIT BUTTON
F/C - FLOOR/CEILING
FM - FLOOR MOUNTED
FUNC - FUNCTION
FS - FIBER SWITCH
HWR - HARDWARE
IC - INTERCOM
IDC - INTRUSION DETECTION CONTROLLER
IDF - INTERMEDIATE DISTRIBUTION FRAME
ISP - INTERNET SERVICE PROVIDER
KP - KEYPAD
MDF - MAIN DISTRIBUTION FRAME
MS - MOTION SENSOR
NVR - NETWORK VIDEO RECORDER
NS - NETWORK SWITCH
POE - POWER OVER ETHERNET
PP - PATCH PANEL
PS - POWER SUPPLY
REX - REQUEST TO EXIT
RF - RADIO FREQUENCY
TE - TELE-ENTRY SYSTEM
TYP - TYPICAL
UHF - ULTRA HIGH FREQUENCY
UPS - UNINTERRUPTIBLE POWER SUPPLY
VC - VOLUME CONTROL
VS - VIBRATION SENSOR
WAP - WIRELESS ACCESS POINT
WM - WALL MOUNTED

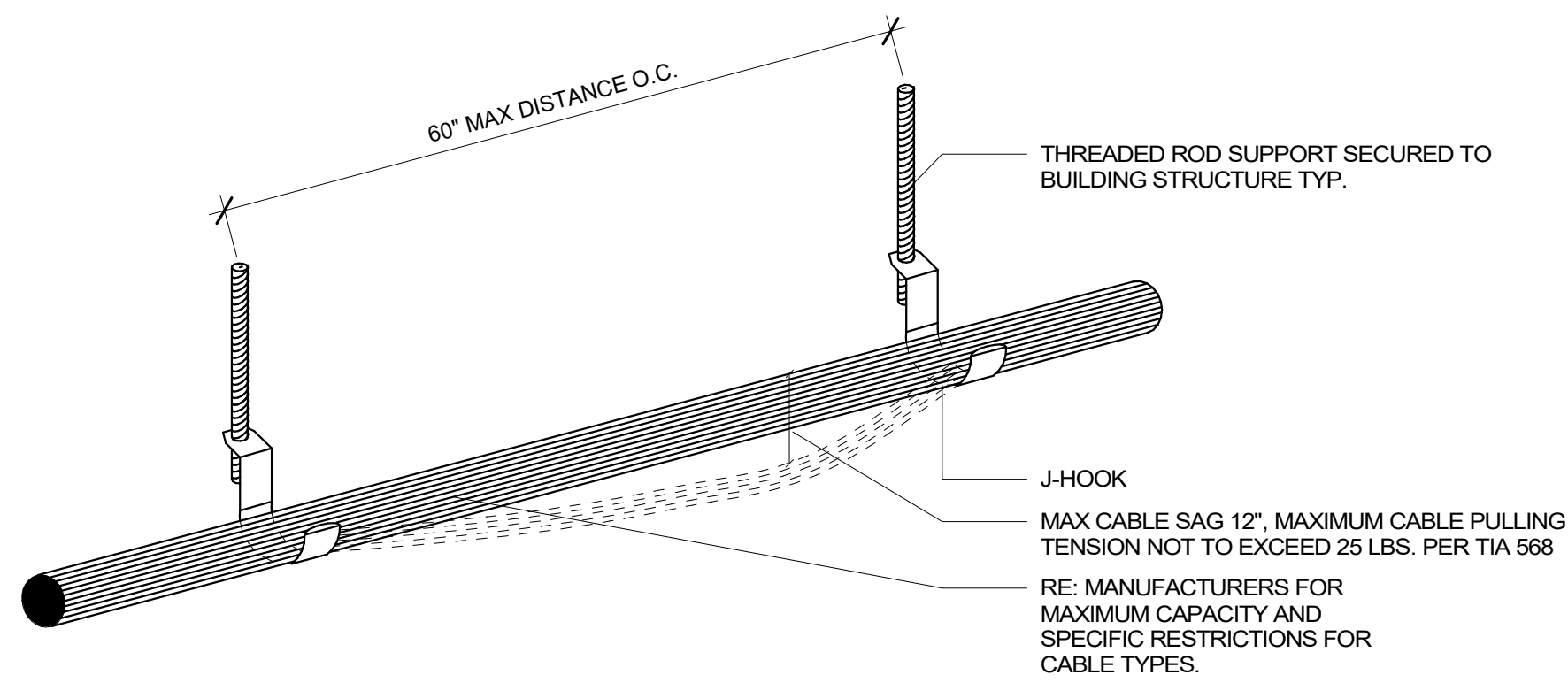
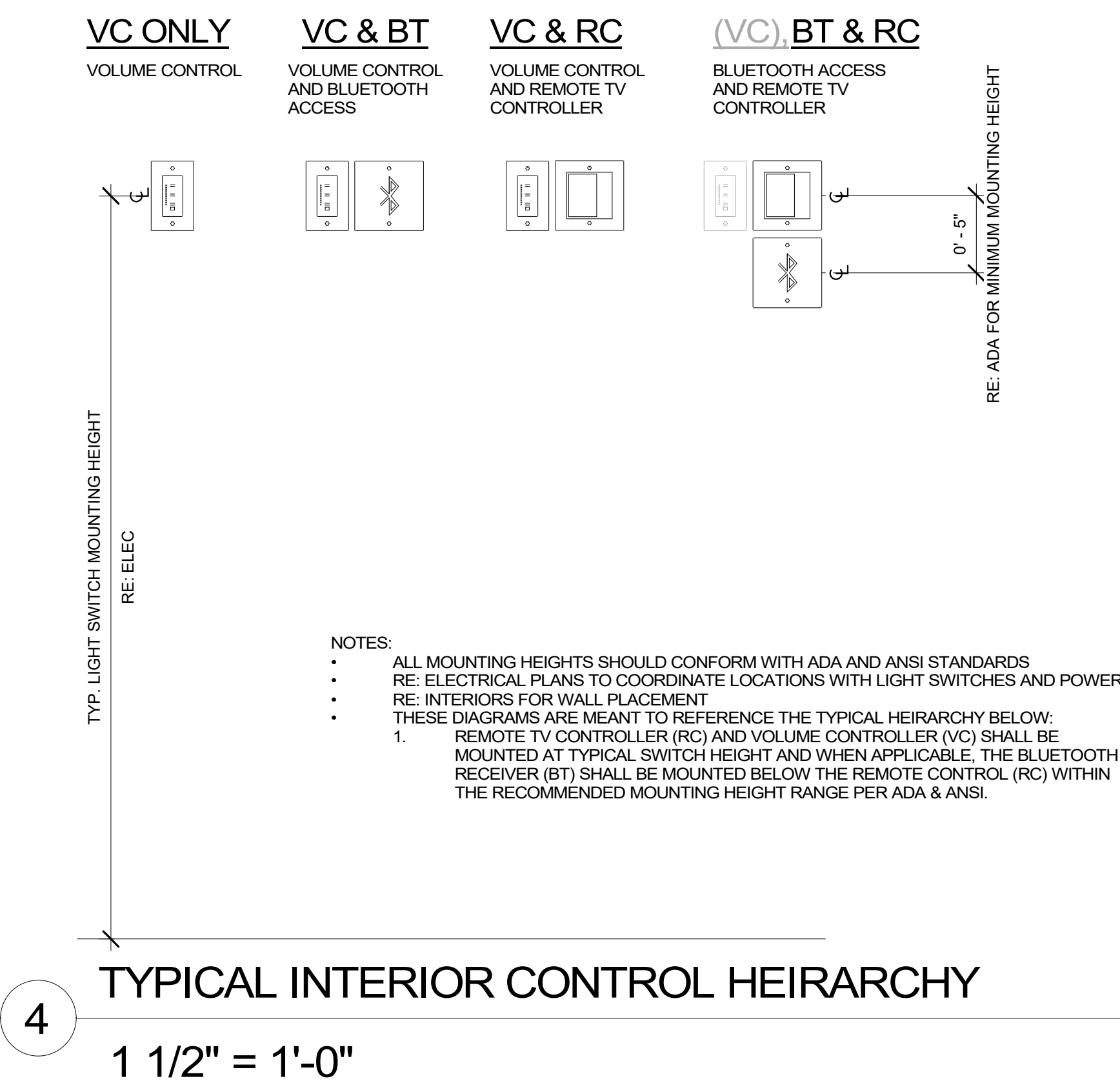
SET GENERAL NOTES:

- DESIGNS MUST BE COORDINATED WITH OTHER TRADES TO ENSURE A CLEAN APPEARANCE. CONTRACT DOCUMENTS OF ALL RELEVANT TRADES MUST BE REVIEWED BY INSTALLER. COORDINATE NECESSARY EQUIPMENT & FIXTURES SO THE FINAL INSTALLATION IS COMPATIBLE WITH OTHER TRADES.
- MOUNTING HEIGHTS SHOWN ON ARCHITECTURE DRAWINGS & ELEVATIONS TAKE PRECEDENCE TO ANY SHOWN DIMENSIONS.
- ALL DEVICES INDICATED TO BE INSTALLED AT DIFFERENT MOUNTING HEIGHTS AND LOCATED WITHIN ONE STUD BAY FROM EACH OTHER SHALL ALIGN VERTICALLY, ON THE SAME SIDE OF THE STUD.
- DRAWINGS IN THIS SET ARE SCHEMATIC IN NATURE AND SHOULD NOT BE SCALED. EXACT LOCATIONS SHOULD BE SETTLED IN THE FIELD IN COORDINATION WITH OTHER TRADES AND LOCAL CODE(S).
- ALL PENETRATIONS THROUGH RATED ASSEMBLIES AND CONDUIT/SLEEVE OPENINGS SHALL BE SEALED WITH MATERIAL CAPABLE OF PREVENTING THE PASSAGE OF FLAMES, HOT GASSES AND SMOKE WHEN SUBJECTED TO THE REQUIREMENTS OF THE TEST STANDARDS FOR EACH SPECIFIC ASSEMBLY. EVERBASE SOLUTIONS WILL BE SUBMITTING THE JOINT TRENCH DESIGN AFTER AN APPROVED JOINT TRENCH PLAN IS RECEIVED FROM THE CIVIL ENGINEER OR DRY UTILITY CONSULTANT VIA "DEFERRED JOINT TRENCH UPDATE" INDEPENDENT OF TYPICAL DESIGN TEAM SCHEDULE.
- DESIGN SCOPE DOES NOT INCLUDE DATA FOR UTILITY SUBMETERING, TYP.
- ALL WORK SHOULD BE PERFORMED TO CURRENT TIA STANDARDS.
- ALL STRUCTURED CABLEING TO BE PERFORMED BY INSTALLERS POSSESSING ONE OF THE FOLLOWING CERTIFICATIONS/CREDENTIALS IN GOOD STANDING: ONCI (CERTIFIED NETWORK CABLE INSTALLER) & INST1 (BICSI INSTALLER 1). INSTC, INSTF AND TECH BICSI CERTIFICATIONS ARE ALSO ACCEPTABLE.
- EVERBASE SOLUTIONS WILL BE SUBMITTING THE JOINT TRENCH DESIGN AFTER AN APPROVED JOINT TRENCH PLAN IS RECEIVED FROM THE CIVIL ENGINEER OR DRY UTILITY CONSULTANT VIA "DEFERRED JOINT TRENCH UPDATE" INDEPENDENT OF TYPICAL DESIGN TEAM SCHEDULE.
- TECHNOLOGY DRAWING SET DOES NOT INCLUDE DESIGN FOR FIRE ALARM SYSTEM, EMERGENCY TELEPHONE SYSTEM, DAS OR BDA SYSTEMS OR ANY OTHER SYSTEMS THAT SPECIFICALLY PERTAIN TO LIFE SAFETY, TYP. PLEASE RE: THE GENERAL CONTRACTOR AND/OR OWNER FOR THESE ITEMS.
- A. **NOTE:** EMERGENCY LINES ARE CALLED OUT FOR POOL AREAS AND ELEVATORS AS REQUIRED BY RESPECTIVE AHJ.
- RE: TG-002 FOR TYPICAL WALL MOUNTED AND FLOOR MOUNTED RACK ELEVATIONS. THESE ARE TYPICAL ARRANGEMENTS AND ARE NOT SPECIFIC TO EACH PROJECT, IT IS UP TO THE INSTALLER TO DETERMINE AND BID THE RACK COMPONENTS TO MEET SYSTEM FUNCTIONALITY REQUIREMENTS.

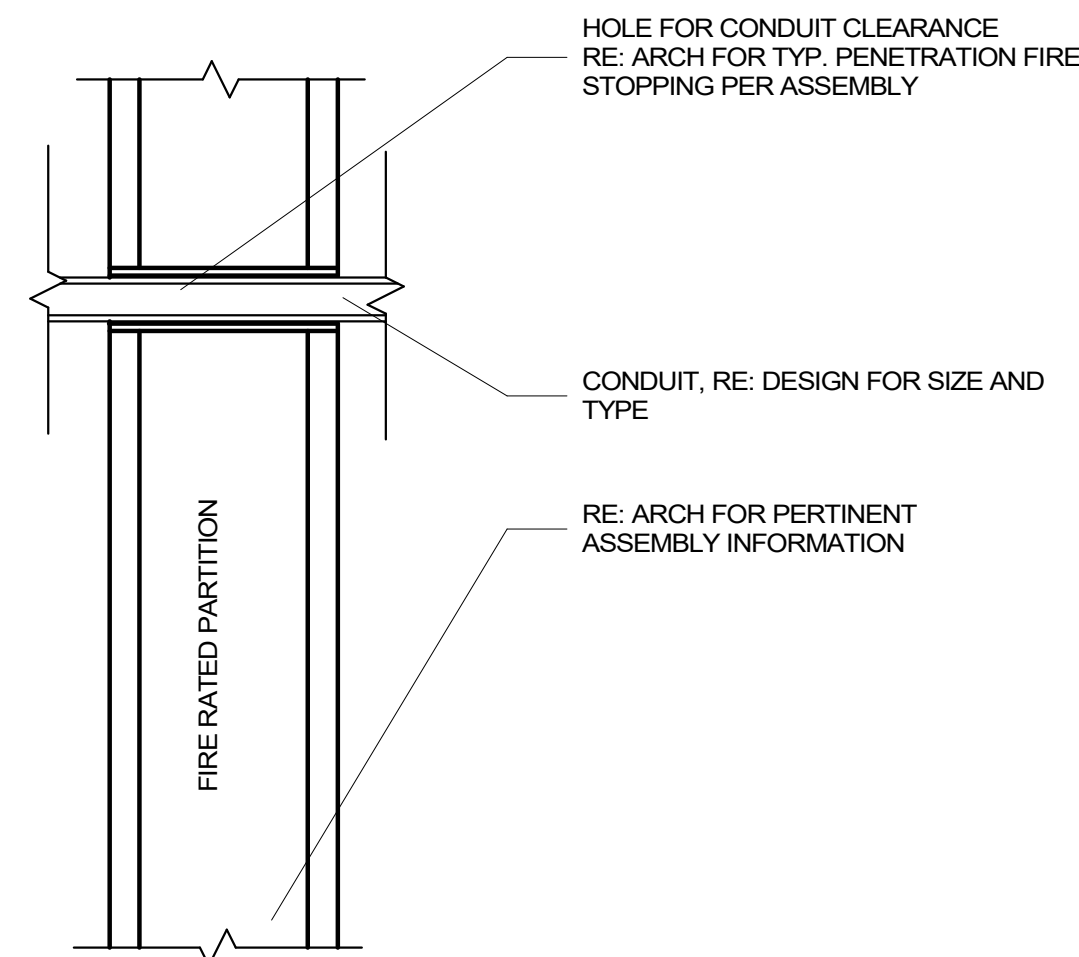
Key Value	Keynote Text
D01	30"x30"x12" CEILING MOUNTED PULL-BOX FOR HORIZONTAL ROUTING TO VERTICAL ROUTING TRANSITION
D09	POWER REQUIREMENT: DUPLEX RECEPTACLE
D10	POWER REQUIREMENT: DUPLEX RECEPTACLE & J-BOX WITH 2 WHIPS FOR POWER SUPPLIES ON DEDICATED 20 AMP CIRCUIT
D13	SMART THERMOSTAT - COORDINATE LOCATION WITH MECHANICAL PLANS
D14	STAND-ALONE ELECTRONIC UNIT LOCK WITH MOBILE CREDENTIAL CAPABILITY & SHARED CREDENTIAL WITH COMMON AREA ACCESS CONTROL SYSTEM
D20	EMERGENCY/RATH PHONE IN EACH ELEVATOR, TYP. CELL DIALER PREFERRED. CABLING FROM EMERGENCY PHONE TO BE PROVIDED PER SERVICE PROVIDER PREFERENCE (CAT6,TYP). CABLING TO RUN FROM EACH EMERGENCY PHONE TO MODEM, THEN TO FACP, TYP.



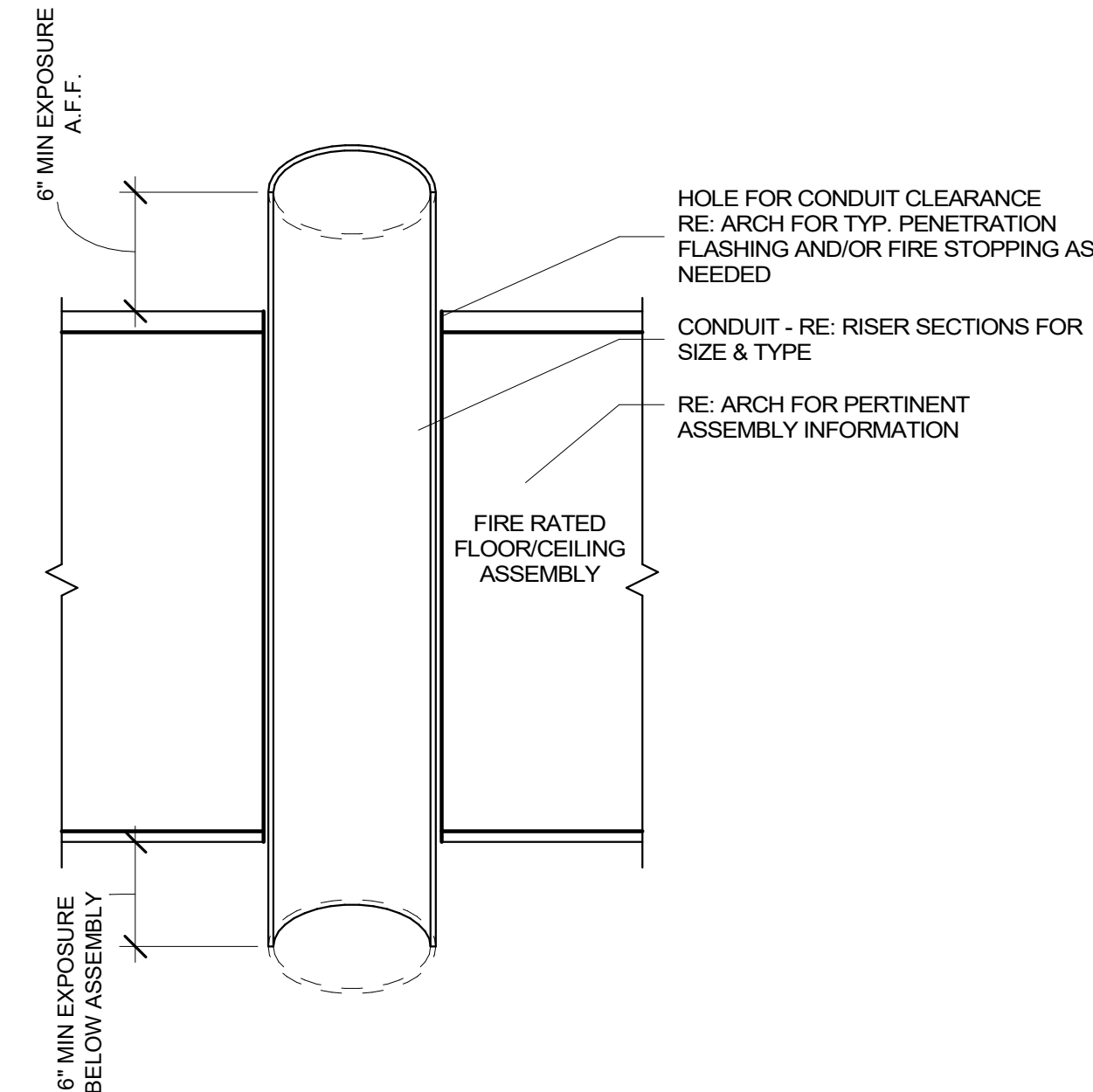
5 **CARRIER VAULT DETAIL - TYP.**
NTS



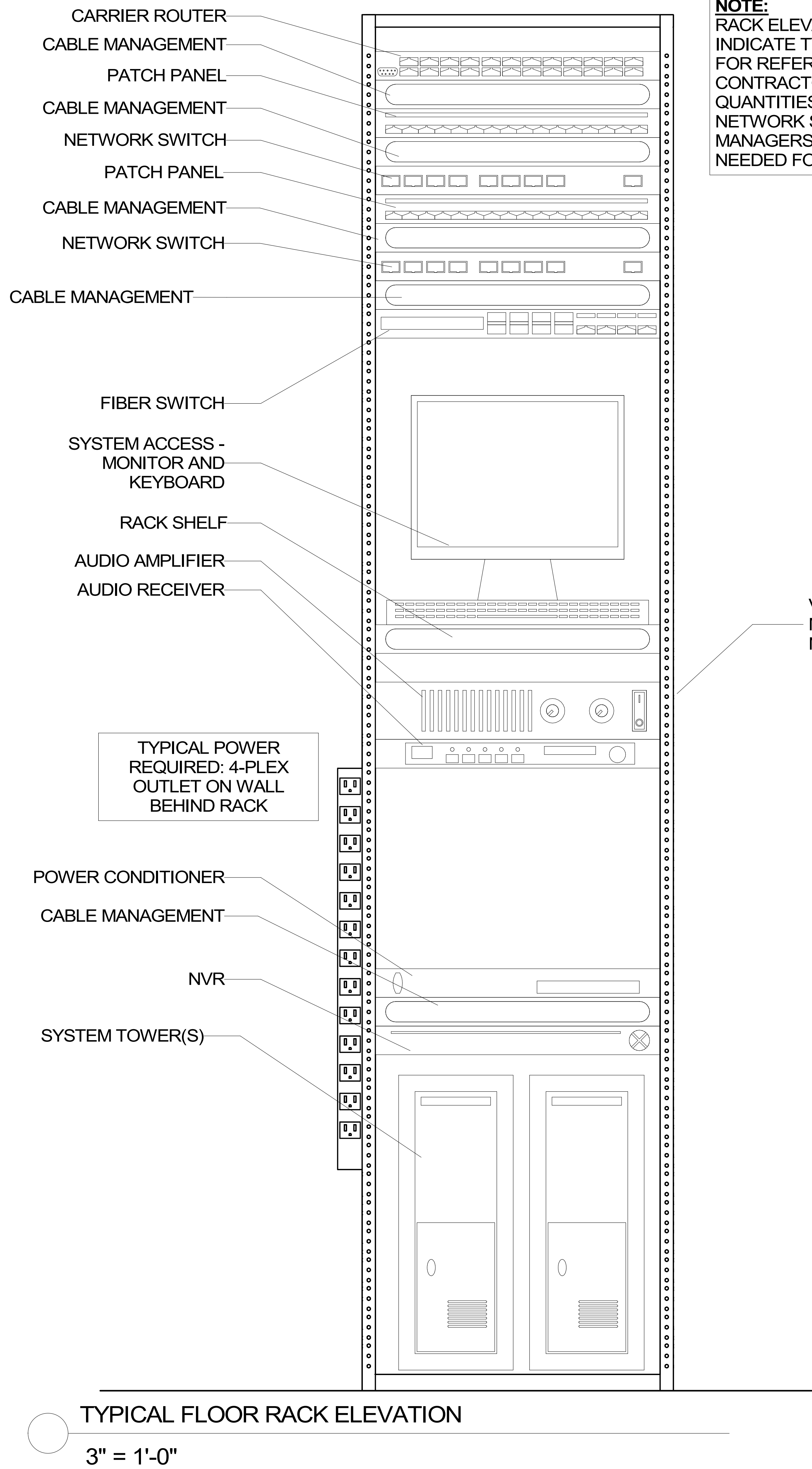
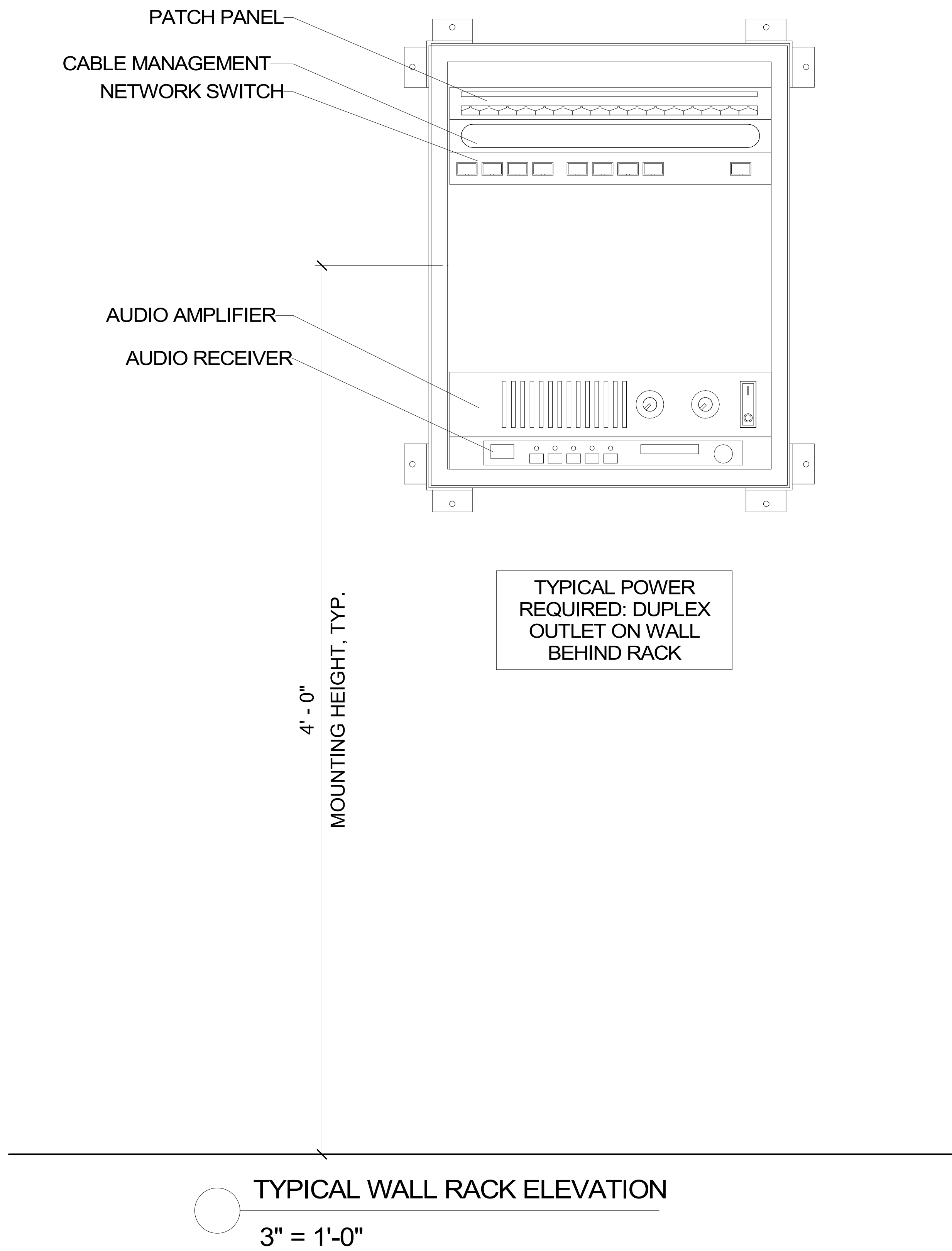
3 **J-HOOK CABLE SUPPORT TYPICAL DETAIL**
NTS



2 **CONDUIT PENETRATION - RATED WALL ASSEMBLY**
3" = 1'-0"



1 **CONDUIT SLEEVE PENETRATION - RATED F/C ASSEMBLY**
3" = 1'-0"



NOTE:
RACK ELEVATIONS ARE SHOWN TO INDICATE TYPICAL RACK AND ARE FOR REFERENCE ONLY. CONTRACTOR SHALL VERIFY ALL QUANTITIES OF PATCH PANELS, NETWORK SWITCHES, CABLE MANAGERS, ETC. BASED ON WHAT IS NEEDED FOR DESIGN

VERTICAL CABLE MANAGEMENT AS NEEDED

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47 W 5TH STREET SILVERTHORNE, CO

ORIGINAL ISSUANCE: 03/1/23

DATE: 03/1/23

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REVISIONS

REVISION	DATE	DELTA
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SYSTEM DESIGNER: AD/AF

SYSTEM REVIEWER: LR

ECS JOB NUMBER: ES-3247

SHEET INFORMATION: ES-3247

SHEET TITLE: GENERAL DETAILS

SHEET NUMBER:

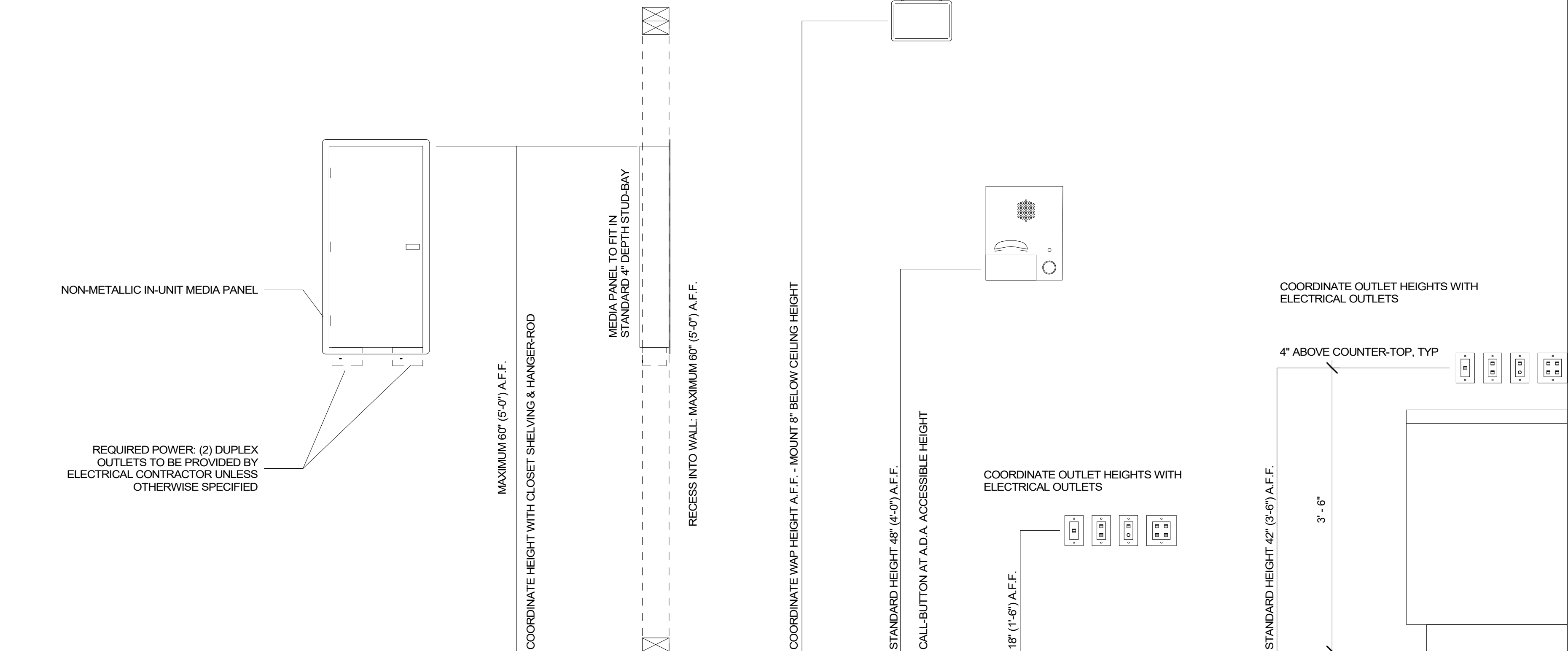
TG002

DATACOMM/NETWORK SYSTEM DRAWING INDEX

SHEET NUMBER	SHEET DESCRIPTION	ISSUANCE TITLE	ISSUE DATE	REVISION TITLE	REVISION DATE
Technology Set - DataComm/Network System Sheets					
A-TD000	DATACOMM/NETWORK SYSTEM COVER SHEET	50% CD SET	03/31/23		
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TD705	DATACOMM/NETWORK SYSTEM UNIT PLANS	50% CD SET	03/31/23		
TD800	DATACOMM/NETWORK SYSTEM DETAILS	50% CD SET	03/31/23		

DATACOMM/NETWORK PLAN SYMBOL LEGEND			
SYMBOL	ELEVATION	DATACOMM/NETWORK SYSTEM DEVICE DESCRIPTION	DEVICE REQUIRED CABLES
NS		POE NETWORK SWITCH (MOUNTED IN EQUIPMENT RACK)	1-CAT6A TO PRIMARY NETWORK PATCH PANEL - REQUIRED POWER: 1 DUPLEX OUTLET
PP		NETWORK PATCH PANEL (MOUNTED IN EQUIPMENT RACK)	CAT6A TO NETWORK SWITCH - REQUIRED POWER: 1 DUPLEX OUTLET
FS		NETWORK ETHERNET FIBER SWITCH (MOUNTED IN EQUIPMENT RACK)	1-CAT6A TO PRIMARY NETWORK PATCH PANEL - REQUIRED POWER: 1 DUPLEX OUTLET
RC		WALL-MOUNTED TELEVISION AND AV REMOTE CONTROL. RE: TYPICAL INTERIOR CONTROL HEIRARCHY FOR INSTALLATION INFORMATION.	1-CAT6A TO PRIMARY NETWORK PATCH PANEL/POE SWITCH - REQUIRED POWER: 1 DUPLEX OUTLET IF NEEDED
WAP		WIRELESS ACCESS POINT - PARTITIONED FOR PUBLIC & PRIVATE NETWORK ACCESS	1-CAT6A TO POE PATCH PANEL IN ASSOCIATED IDF ROOM - T-568B RJ-45 TERMINATION
E		EMERGENCY PHONE (WALL MOUNTED WITH CALL BUTTON AT A.D.A. ACCESSIBLE HEIGHT)	1-CAT6 TO PATCH PANEL IN ASSOCIATED IDF ROOM - T-568B RJ-45 TERMINATION - OR CELLULAR /MOBILE CONNECTION - PER PROJECT KEYNOTES
WM FM		DATA OUTLET (WALL MOUNTED / FLOOR OUTLET)	1-CAT6A - T-568B RJ-45 TERMINATION
WM FM		DUAL DATA OUTLET (WALL MOUNTED / FLOOR OUTLET)	2-CAT6A - T-568B RJ-45 TERMINATION
WM FM		DATA+VOICE OUTLET (WALL MOUNTED / FLOOR OUTLET)	2-CAT6A - T-568B RJ-45 TERMINATION
WM FM		QUAD DATA OUTLET (WALL MOUNTED / FLOOR OUTLET)	4-CAT6A - T-568B RJ-45 TERMINATION
WM FM		DUAL DATA+VOICE OUTLET (WALL MOUNTED / FLOOR OUTLET)	4-CAT6A - T-568B RJ-45 TERMINATION
WM FM		DATA+VIDEO OUTLET (WALL MOUNTED / FLOOR OUTLET)	1-RG6 & 1-CAT6A - T-568B RJ-45 TERMINATION
WM FM		DATA+DATA+VIDEO OUTLET (WALL MOUNTED / FLOOR OUTLET)	1-RG6 & 2-CAT6A - T-568B RJ-45 TERMINATION
	SEE BELOW	IN-UNIT NON-METALLIC MEDIA PANEL (RECESS MOUNTED IN-WALL) PRIMEX SOHO PRO P4300ND AS BASIS OF DESIGN, TYP.	SEE UNIT SHEETS FOR REQUIRED WIRING FROM UNIT TO ASSOCIATED IDF - REQUIRED POWER: 1 DUPLEX OUTLET IN BASE OF ENCLOSURE
		CONDUIT UNDERPASS LOCATION INDICATOR BENEATH SITE DRIVE LANES	CONDUIT SIZE AND TYPE LISTED ON SITE PLAN
<div> <div></div> <div>JOINT TRENCH</div> </div> <div> <div></div> <div>SECONDARY TRENCH</div> </div>			TRENCHED CONDUIT ON SITE PLAN - NUMBER, SIZE AND TYPE LISTED ON PLAN

TYPICAL DATACOMM/NETWORK DEVICE MOUNTING HEIGHTS:



PROJECT ARCHITECT

TECHNOLOGY CONSULTANT



O: 855-255-5521
 WWW.EVERBASESOLUTIONS.COM

PROJECT INFORMATION

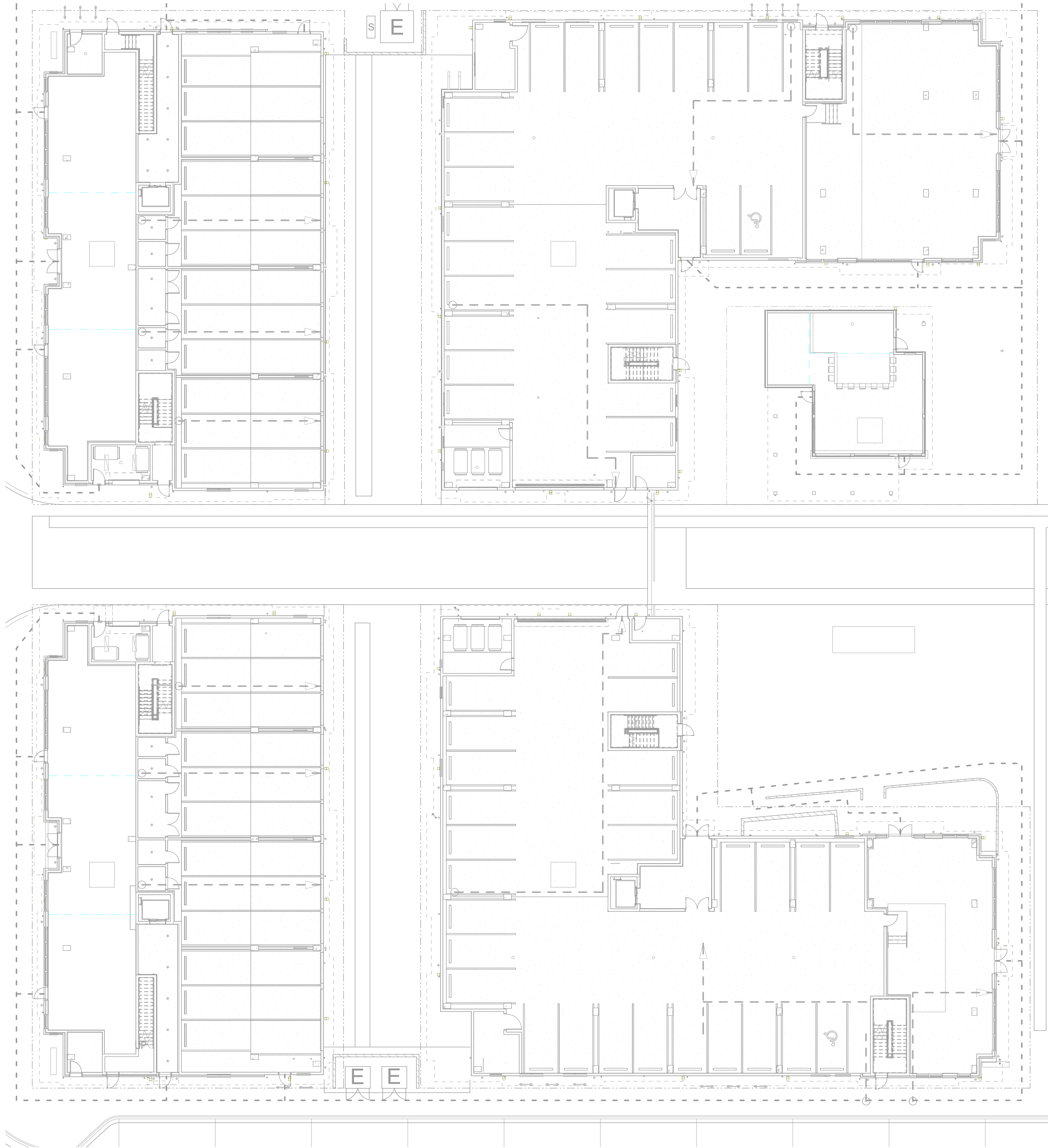
BLDG A 4TH STREET CONDOS

47 W 5TH STREET SILVERTHORNE, CO

ORIGINAL ISSUANCE:	DATE:
50% CD SET	03/31/23
NOT FOR CONSTRUCTION	
REVISIONS	
REVISION	DATE
DELTA	
SYSTEM DESIGNER:	
AD/AF	
SYSTEM REVIEWER:	
LR	
ECS JOB NUMBER:	
ES-3247	
SHEET INFORMATION:	
SHEET TITLE:	
DATACOMM/NETWORK SYSTEM COVER SHEET	
SHEET NUMBER:	

A-TD000

CONDUIT RUN ESTIMATE SCHEDULE - INTERNAL USE ONLY, TYP			
Type	Diameter(Trade Size)	Length	Comments



DATACOMM/NETWORK PLAN SYMBOL LEGEND:	
SYMBOL	DATACOMM/NETWORK SYSTEM DEVICE DESCRIPTION:
NS	POE NETWORK SWITCH (MOUNTED IN EQUIPMENT RACK)
PP	NETWORK PATCH PANEL (MOUNTED IN EQUIPMENT RACK)
FS	NETWORK ETHERNET FIBER SWITCH (MOUNTED IN EQUIPMENT RACK)
WAP	WIRELESS ACCESS POINT - PARTITIONED FOR PUBLIC & PRIVATE NETWORK ACCESS
E	EMERGENCY PHONE W/ CELL DIALER (WALL MOUNTED WITH CALL BUTTON AT A.D.A. ACCESSIBLE HEIGHT)
RC	WALL-MOUNTED TELEVISION AND AV REMOTE CONTROL
WM FM	DATA OUTLET (WALL MOUNTED / FLOOR OUTLET)
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WM FM	DATA+VOICE OUTLET (WALL MOUNTED / FLOOR OUTLET)
WM FM	QUAD DATA OUTLET (WALL MOUNTED / FLOOR OUTLET)
WM FM	DUAL DATA+VOICE OUTLET (WALL MOUNTED / FLOOR OUTLET)
WM FM	DATA+VIDEO OUTLET (WALL MOUNTED / FLOOR OUTLET)
WM FM	DATA+DATA+VIDEO OUTLET (WALL MOUNTED / FLOOR OUTLET)
	SITE PLAN CONDUIT UNDERPASS LOCATION AT DRIVE LANES ON SITE
	JOINT TRENCH
	SECONDARY TRENCH

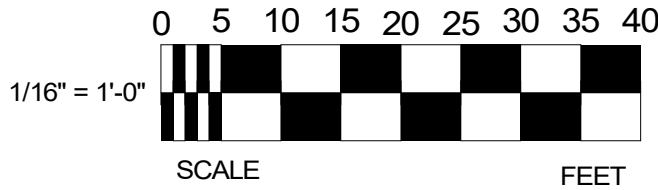
DATACOMM GENERAL NOTES

- REFER TO SHEET TD-000 FOR STANDARD DATACOMM/NETWORK DEVICE CABLING REQUIREMENTS & MOUNTING HEIGHTS
- RE: TG-002 FOR TYPICAL WALL MOUNTED AND FLOOR MOUNTED RACK ELEVATIONS. THESE ARE TYPICAL ARRANGEMENTS AND ARE NOT SPECIFIC TO EACH PROJECT. IT IS UP TO THE INSTALLER TO DETERMINE AND BID THE RACK COMPONENTS TO MEET SYSTEM FUNCTIONALITY REQUIREMENTS. REFER TO DATACOMM/NETWORK ELEVATION & SECTION SHEETS FOR MDF/IDF ROOM LAYOUT & RISER ROUTING
- REFER TO DATACOMM/NETWORK UNIT SHEETS FOR REQUIRED UNIT "HOME RUN" WIRING & IN-UNIT DATACOMM/NETWORK DEVICE LAYOUT. REFER TO DATACOMM/NETWORK DETAIL SHEETS FOR DATACOMM/NETWORK SYSTEM DETAILS & DIAGRAMS
- RE: ELECTRICAL DRAWINGS & SPECIFICATIONS FOR FACEPLATE AND OUTLET COLORS, TYP. CABLE & CONDUIT ROUTING SUBJECT TO CHANGE BASED ON FIELD CONDITIONS
- ELECTRICAL CONTRACTOR TO PROVIDE POWER AS SPECIFIED
- ELECTRICAL CONTRACTOR TO PROVIDE BOTH TRENCH AND ABOVE GROUND CONDUIT AS SPECIFIED
- ALL CABLING IS TO BE ROUTED THROUGH DESIGNATED CONDUIT, SLEEVING & PULL BOX BY INSTALLING CONTRACTOR
- SERVICE PROVIDER & SYSTEMS NETWORK BACKBONE CONDUIT TO BE LIMITED TO 270° OF BENDS BETWEEN PULL POINTS & ALL 90° LATERAL BENDS TO BE 60" MINIMUM RADIUS
- ELECTRICAL CONTRACTOR TO PROVIDE #6 COPPER GROUND AT EACH MDF/IDF ROOM - TO BE LOCATED ADJACENT TO THE SERVICE PROVIDER TERMINATIONS
- UNIT TERMINATIONS MUST BE WIRED TO IDF AS INDICATED, PER THIS DESIGN. * SHOULD UNITS BE WIRED TO A DIFFERENT IDF DUE TO FIELD CONDITIONS, EVERBASE CONSULTING SOLUTIONS IS TO BE IMMEDIATELY NOTIFIED AS THIS AFFECTS THE PROVIDERS DESIGN
- WIRELESS ACCESS POINTS TO PROVIDE PARTITIONED NETWORK ACCESS FOR PUBLIC & FOR SECURE STAFF-ONLY NETWORK ACCESS
- BLOCKING REQUIRED AT ALL COMMON AREA TV LOCATIONS
- COORDINATE ROUGH-IN OF ALL FLOOR OUTLETS WITH ELECTRICAL CONTRACTOR - CONDUIT IS TO BE ROUTED TO NEAREST WALL THAT EXTENDS TO AN ACCESSIBLE CEILING
- MDF/IDF LAYOUTS ARE SCHEMATIC IN NATURE, ACTUAL INSTALLATION MAY VARY BASED ON FIELD CONDITIONS AND INTEGRATION MEANS AND METHODS
- WHEN MULTIPLE CARRIERS ARE PRESENT IN AN MDF/IDF ROOM, EACH CARRIER'S HOME RUN CABLING SHALL BE IN SEPARATE SLEEVING. ALLOW 48" MIN. CLEARANCE BETWEEN ANY LOW VOLTAGE EQUIPMENT AND ELECTRICAL TRANSFORMERS PER THE LATEST VERSION OF TIA 569
- ALLOW 36" MIN. CLEARANCE BETWEEN ANY LOW VOLTAGE EQUIPMENT AND ANY ELECTRICAL EQUIPMENT, PER THE LATEST VERSION OF TIA 569
- PLYWOOD INSTALLED IN MDF/IDF ROOMS SHALL BE A/C GRADE AND FINISHED WITH TWO COATS OF FIRE-RETARDANT PAINT. PLYWOOD SHALL BE PAINTED PRIOR TO INSTALLATION OF ANY EQUIPMENT. PLYWOOD SHALL BE MOUNTED VERTICALLY WITH BOTTOM OF PLYWOOD MOUNTED (6 IN.) ABOVE THE FINISHED FLOOR AND ANY FIRE RATING STAMPS VISIBLE AT ALL TIMES
- ANY ELECTRIC VEHICLE CHARGING STATIONS TO BE CELLULAR DATA CONNECTION CAPABLE UNLESS OTHERWISE NOTED, TYP.
- HEATING AND COOLING OF MDF/IDF ROOMS ARE TO BE DETERMINED ON A CASE-BY-CASE BASIS, BUT IT IS TYPICAL THAT A SPLIT DUCT SYSTEM IS SERVING THE MDF AND IDF ROOMS WITH ONLY SERVICE PROVIDER EQUIPMENT CAN BE SERVICED WITH TRANSFER FANS. RE: MEP DRAWINGS FOR PLENUM SPACES AND AVAILABILITY TO ENSURE SPACE REQUIREMENTS ARE MET, ANY OR ALL SHAFTS ARE IN USE BY MEP TYP., DO NOT PLAN ON USE OF SHAFT UNLESS TECHNOLOGY DESIGN INDICATES A SPECIFIC SHAFT IS TO BE USED.

KEYNOTE LEGEND

Key Value	Keynote Text
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**CONDUIT ROUTING PENDING FINALIZED MDF/IDF ROOM LOCATIONS AND JOINT TRENCH PLAN FROM CIVIL/DRY UTILITY CONSULTANT, TYP.



1 SITE - DATACOMM/NETWORK SYSTEM LAYOUT
1/16" = 1'-0"

PROJECT ARCHITECT

TECHNOLOGY CONSULTANT

O: 855-255-5521
WWW.EVERBASESOLUTIONS.COM

PROJECT INFORMATION

BLDG A 4TH STREET CONDOS
47 W 5TH STREET SILVERTHORNE, CO

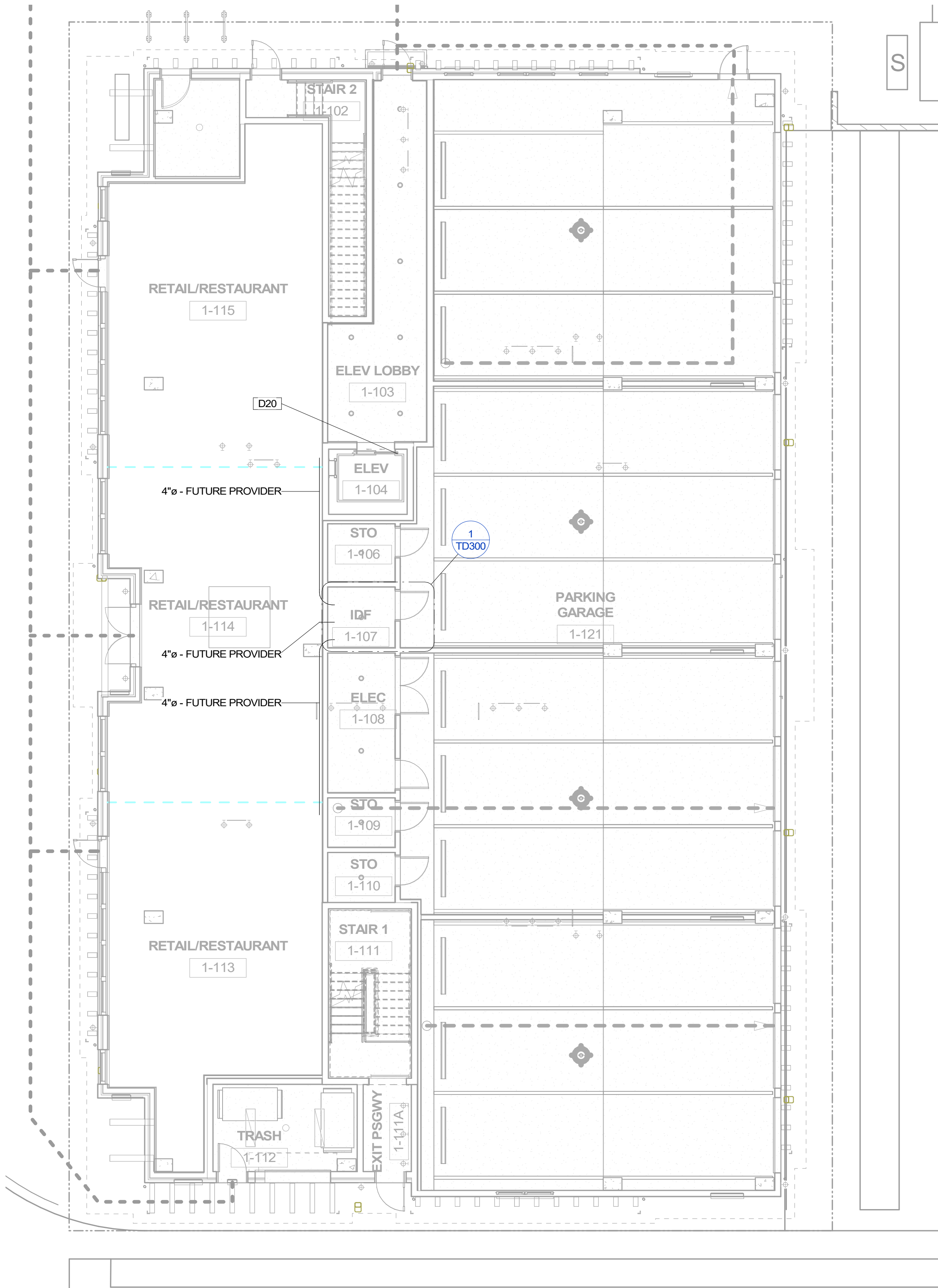
ORIGINAL ISSUANCE: DATE: 03/21/23
50% CD SET NOT FOR CONSTRUCTION
REVISIONS

REVISION DATE DELTA

SYSTEM DESIGNER: AD/AF
SYSTEM REVIEWER: LR
ECS JOB NUMBER: ES-3247

SHEET INFORMATION:
SHEET TITLE: SITE PLAN - DATACOMM/NETWORK SYSTEM LAYOUT
SHEET NUMBER:

A-TD010

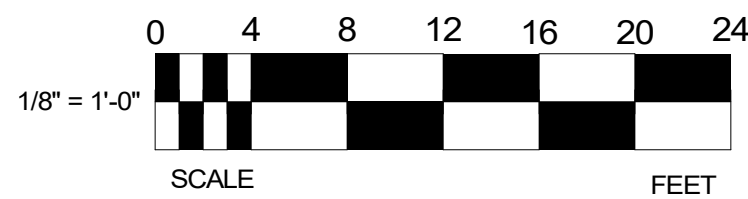


1 BLDG A LEVEL 1 - DATACOMM/NETWORK SYSTEM LAYOUT
1/8" = 1'-0"

DATACOMM/NETWORK PLAN SYMBOL LEGEND	
SYMBOL	DATACOMM/NETWORK SYSTEM DEVICE DESCRIPTION
NS	POE NETWORK SWITCH (MOUNTED IN EQUIPMENT RACK)
PP	NETWORK PATCH PANEL (MOUNTED IN EQUIPMENT RACK)
FS	NETWORK ETHERNET FIBER SWITCH (MOUNTED IN EQUIPMENT RACK)
WAP	WIRELESS ACCESS POINT - PARTITIONED FOR PUBLIC & PRIVATE NETWORK ACCESS
E	EMERGENCY PHONE W/ CELL DIALER (WALL MOUNTED WITH CALL BUTTON AT A.D.A. ACCESSIBLE HEIGHT)
RC	WALL-MOUNTED TELEVISION AND AV REMOTE CONTROL
WM FM	DATA OUTLET (WALL MOUNTED / FLOOR OUTLET)
WM FM	DUAL DATA OUTLET (WALL MOUNTED / FLOOR OUTLET)
WM FM	DATA-VOICE OUTLET (WALL MOUNTED / FLOOR OUTLET)
WM FM	QUAD DATA OUTLET (WALL MOUNTED / FLOOR OUTLET)
WM FM	DUAL DATA-VOICE OUTLET (WALL MOUNTED / FLOOR OUTLET)
WM FM	DATA+VIDEO OUTLET (WALL MOUNTED / FLOOR OUTLET)
WM FM	DATA+DATA+VIDEO OUTLET (WALL MOUNTED / FLOOR OUTLET)
	SITE PLAN CONDUIT UNDERPASS LOCATION AT DRIVE LANES ON SITE
	JOINT TRENCH
	SECONDARY TRENCH

- ### DATACOMM GENERAL NOTES
- REFER TO SHEET TD-000 FOR STANDARD DATACOMM/NETWORK DEVICE CABLING REQUIREMENTS & MOUNTING HEIGHTS
 - RE: TG-002 FOR TYPICAL WALL MOUNTED AND FLOOR MOUNTED RACK ELEVATIONS. THESE ARE TYPICAL ARRANGEMENTS AND ARE NOT SPECIFIC TO EACH PROJECT, IT IS UP TO THE INSTALLER TO DETERMINE AND BID THE RACK COMPONENTS TO MEET SYSTEM FUNCTIONALITY REQUIREMENTS.
 - REFER TO DATACOMM/NETWORK ELEVATION & SECTION SHEETS FOR MDF/IDF ROOM LAYOUT & RISER ROUTING
 - REFER TO DATACOMM/NETWORK UNIT SHEETS FOR REQUIRED UNIT "HOME RUN" WIRING & IN-UNIT DATACOMM/NETWORK DEVICE LAYOUT
 - REFER TO DATACOMM/NETWORK DETAIL SHEETS FOR DATACOMM/NETWORK SYSTEM DETAILS & DIAGRAMS
 - RE: ELECTRICAL DRAWINGS & SPECIFICATIONS FOR FACEPLATE AND OUTLET COLORS, TYP, CABLE & CONDUIT ROUTING SUBJECT TO CHANGE BASED ON FIELD CONDITIONS
 - ELECTRICAL CONTRACTOR TO PROVIDE POWER AS SPECIFIED
 - ELECTRICAL CONTRACTOR TO PROVIDE BOTH TRENCH AND ABOVE GROUND CONDUIT AS SPECIFIED
 - ALL CABLING IS TO BE ROUTED THROUGH DESIGNATED CONDUIT, SLEEVING & PULL BOX BY INSTALLING CONTRACTOR
 - SERVICE PROVIDER & SYSTEMS NETWORK BACKBONE CONDUIT TO BE LIMITED TO 270° OF BENDS BETWEEN PULL POINTS & ALL 90° LATERAL BENDS TO BE 60" MINIMUM RADIUS
 - ELECTRICAL CONTRACTOR TO PROVIDE #6 COPPER GROUND AT EACH MDF/IDF ROOM - TO BE LOCATED ADJACENT TO THE SERVICE PROVIDER TERMINATIONS
 - UNIT TERMINATIONS MUST BE WIRED TO IDF AS INDICATED. PER THIS DESIGN, * SHOULD UNITS BE WIRED TO A DIFFERENT IDF DUE TO FIELD CONDITIONS, EVERBASE CONSULTING SOLUTIONS IS TO BE IMMEDIATELY NOTIFIED AS THIS AFFECTS THE PROVIDER'S DESIGN
 - WIRELESS ACCESS POINTS TO PROVIDE PARTITIONED NETWORK ACCESS FOR PUBLIC & FOR SECURE STAFF-ONLY NETWORK ACCESS BLOCKING REQUIRED AT ALL COMMON AREA TV LOCATIONS
 - COORDINATE ROUGH-IN OF ALL FLOOR OUTLETS WITH ELECTRICAL CONTRACTOR - CONDUIT IS TO BE ROUTED TO NEAREST WALL THAT EXTENDS TO AN ACCESSIBLE CEILING
 - MDF/IDF LAYOUTS ARE SCHEMATIC IN NATURE. ACTUAL INSTALLATION MAY VARY BASED ON FIELD CONDITIONS AND INTEGRATION MEANS AND METHODS.
 - WHEN MULTIPLE CARRIERS ARE PRESENT IN AN MDF/IDF ROOM, EACH CARRIER'S HOME RUN CABLING SHALL BE IN SEPARATE SLEEVING
 - ALLOW 48" MIN. CLEARANCE BETWEEN ANY LOW VOLTAGE EQUIPMENT AND ELECTRICAL TRANSFORMERS PER THE LATEST VERSION OF TIA 569
 - ALLOW 36" MIN. CLEARANCE BETWEEN ANY LOW VOLTAGE EQUIPMENT AND ANY ELECTRICAL EQUIPMENT, PER THE LATEST VERSION OF TIA 569
 - PLYWOOD INSTALLED IN MDF/IDF ROOMS SHALL BE AID GRADE AND FINISHED WITH TWO COATS OF FIRE-RETARDANT PAINT. PLYWOOD SHALL BE PAINTED PRIOR TO INSTALLATION OF ANY EQUIPMENT. PLYWOOD SHALL BE MOUNTED VERTICALLY WITH BOTTOM OF PLYWOOD MOUNTED (6 IN.) ABOVE THE FINISHED FLOOR AND ANY FIRE RATING STAMPS VISIBLE AT ALL TIMES.
 - ANY ELECTRIC VEHICLE CHARGING STATIONS TO BE CELLULAR DATA CONNECTION CAPABLE UNLESS OTHERWISE NOTED, TYP.
 - HEATING AND COOLING OF MDF/IDF ROOMS ARE TO BE DETERMINED ON A CASE-BY-CASE BASIS, BUT IT IS TYPICAL THAT A SPLIT DUCT SYSTEM IS SERVICING THE MDF AND IDF ROOMS WITH ONLY SERVICE PROVIDER EQUIPMENT CAN BE SERVICED WITH TRANSFER FANS.
 - RE: MEP DRAWINGS FOR PLENUM SPACES AND AVAILABILITY TO ENSURE SPACE REQUIREMENTS ARE MET. ANY OR ALL SHAFTS ARE IN USE BY MEP TYP., DO NOT PLAN ON USE OF SHAFT UNLESS TECHNOLOGY DESIGN INDICATES A SPECIFIC SHAFT IS TO BE USED.

KEYNOTE LEGEND	
Key Value	Keynote Text
D20	EMERGENCY/RATH PHONE IN EACH ELEVATOR, TYP. CELL DIALER PREFERRED. CABLING FROM EMERGENCY PHONE TO BE PROVIDED PER SERVICE PROVIDER PREFERENCE (CAT6 TYP.) CABLING TO RUN FROM EACH EMERGENCY PHONE TO MODEM, THEN TO FACP, TYP.



PROJECT ARCHITECT

TECHNOLOGY CONSULTANT

O: 855-255-5521
WWW.EVERBASESOLUTIONS.COM

PROJECT INFORMATION

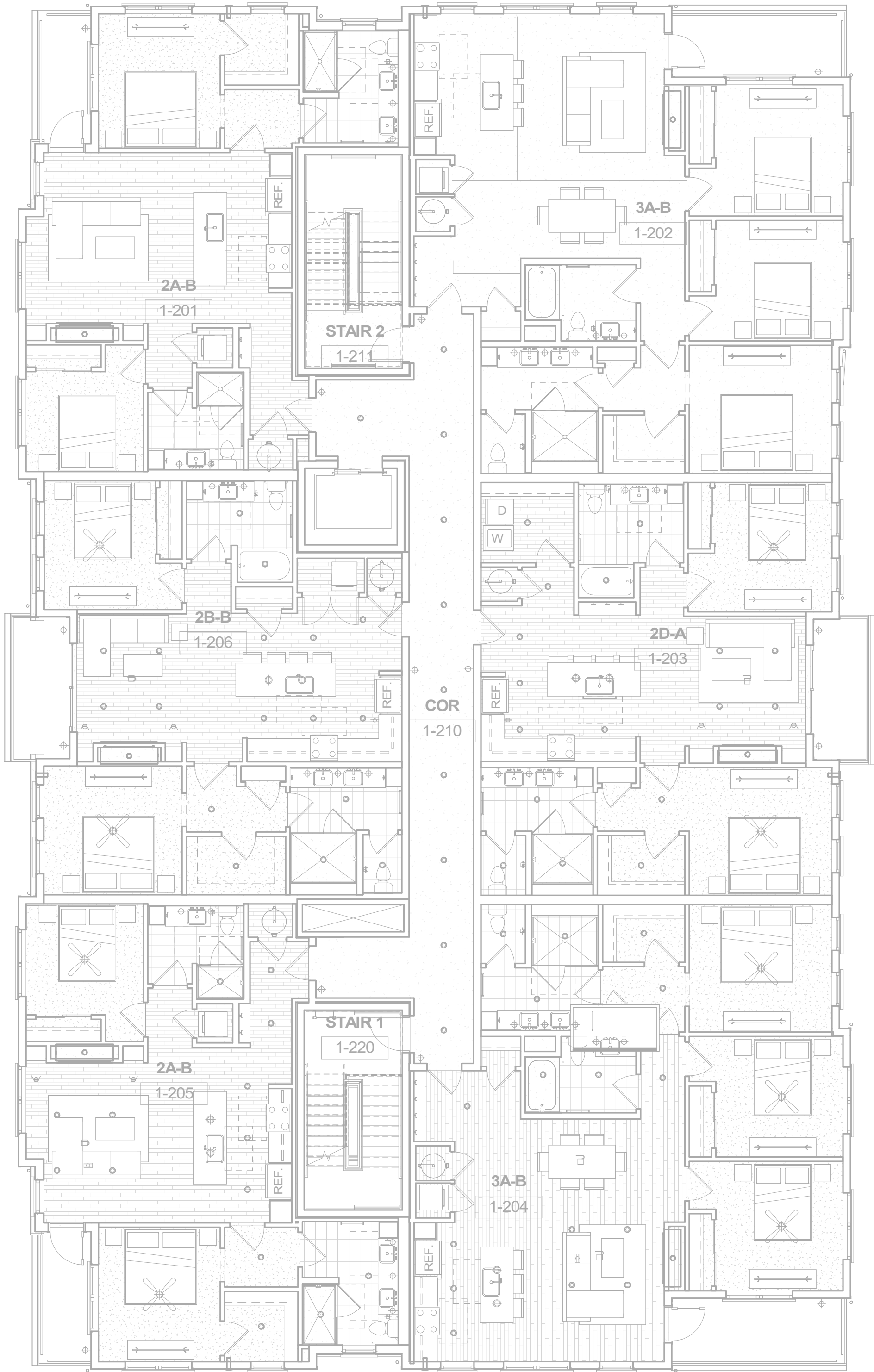
BLDG A 4TH STREET CONDOS
47 W 5TH STREET SILVERTHORNE, CO

ORIGINAL ISSUANCE: DATE: 03/21/23
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REVISIONS

REVISION	DATE	DELTA
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SYSTEM DESIGNER: AD/AF
SYSTEM REVIEWER: LR
ECS JOB NUMBER: ES-3247
SHEET INFORMATION:
SHEET TITLE:
BLDG A LEVEL 1 - DATACOMM/NETWORK SYSTEM LAYOUT
SHEET NUMBER:

A-TD201



DATACOMM/NETWORK PLAN SYMBOL LEGEND:	
SYMBOL	DATACOMM/NETWORK SYSTEM DEVICE DESCRIPTION:
NS	POE NETWORK SWITCH (MOUNTED IN EQUIPMENT RACK)
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FS	NETWORK ETHERNET FIBER SWITCH (MOUNTED IN EQUIPMENT RACK)
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WM FM	DUAL DATA+VOICE OUTLET (WALL MOUNTED / FLOOR OUTLET)
WM FM	DATA+VIDEO OUTLET (WALL MOUNTED / FLOOR OUTLET)
WM FM	DATA+DATA+VIDEO OUTLET (WALL MOUNTED / FLOOR OUTLET)
TV	SITE PLAN CONDUIT UNDERPASS LOCATION AT DRIVE LANES ON SITE
----- JOINT TRENCH -----	
----- SECONDARY TRENCH -----	

DATACOMM GENERAL NOTES

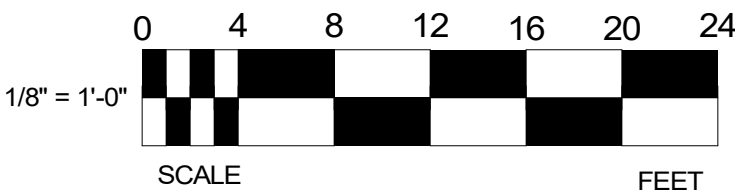
- REFER TO SHEET TD-000 FOR STANDARD DATACOMM/NETWORK DEVICE CABLING REQUIREMENTS & MOUNTING HEIGHTS
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KEYNOTE LEGEND

Key Value	Keynote Text
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BLDG A LEVEL 2 -DATACOMM/NETWORK SYSTEM LAYOUT

1/8" = 1'-0"



PROJECT ARCHITECT

TECHNOLOGY CONSULTANT



EVERBASE
SOLUTIONS
DENVER | CO

O: 855-255-5521
WWW.EVERBASESOLUTIONS.COM

PROJECT INFORMATION

BLDG A 4TH STREET CONDOS

47 W 5TH STREET SILVERTHORNE, CO

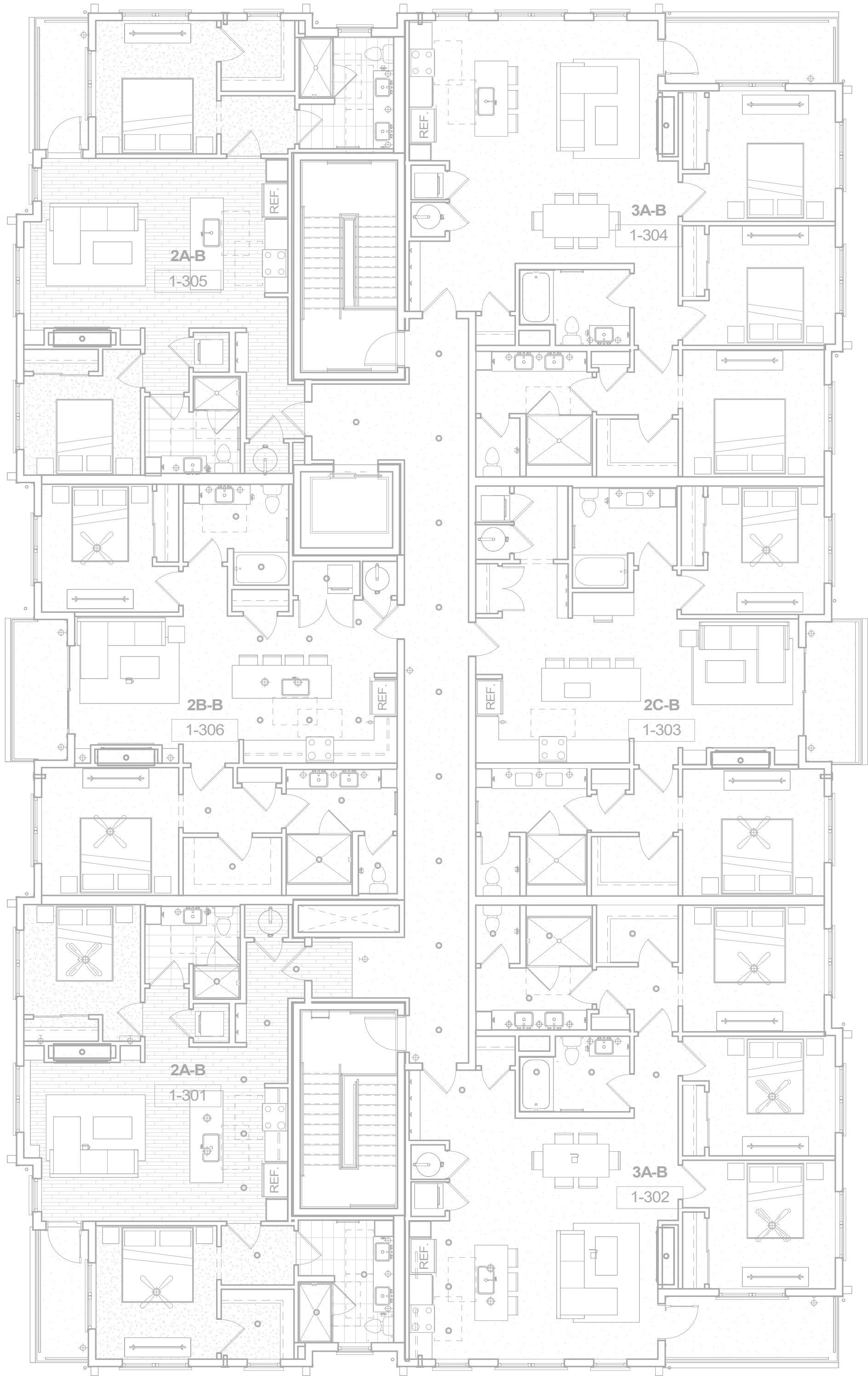
ORIGINAL ISSUANCE:	DATE:
50% CD SET	03/21/23
NOT FOR CONSTRUCTION	
REVISIONS	
REVISION	DATE
DELTA	

SYSTEM DESIGNER:	AD/AF
SYSTEM REVIEWER:	LR
ECS JOB NUMBER:	ES-3247
SHEET INFORMATION:	
SHEET TITLE:	

BLDG A LEVEL 2 -
DATACOMM/NETWORK
SYSTEM LAYOUT

SHEET NUMBER:

A-TD211



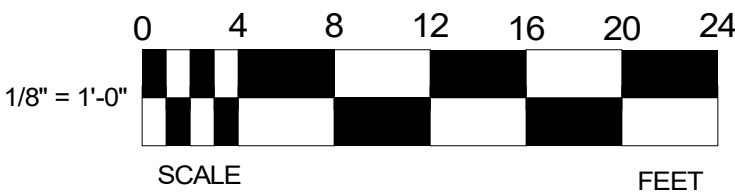
DATACOMM/NETWORK PLAN SYMBOL LEGEND:	
SYMBOL	DATACOMM/NETWORK SYSTEM DEVICE DESCRIPTION:
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WM FM	DATA+DATA+VIDEO OUTLET (WALL MOUNTED / FLOOR OUTLET)
TV	SITE PLAN CONDUIT UNDERPASS LOCATION AT DRIVE LANES ON SITE
--- JOINT TRENCH ---	
--- SECONDARY TRENCH ---	

DATACOMM GENERAL NOTES

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KEYNOTE LEGEND

Key Value	Keynote Text
-----------	--------------



1 BLDG A LEVEL 3 - DATACOMM/NETWORK SYSTEM LAYOUT
1/8" = 1'-0"

PROJECT ARCHITECT

TECHNOLOGY CONSULTANT



O: 855-255-5521
WWW.EVERBASESOLUTIONS.CO

PROJECT INFORMATION

BLDG A 4TH STREET CONDOS
47 W 5TH STREET SILVERTHORNE, CO

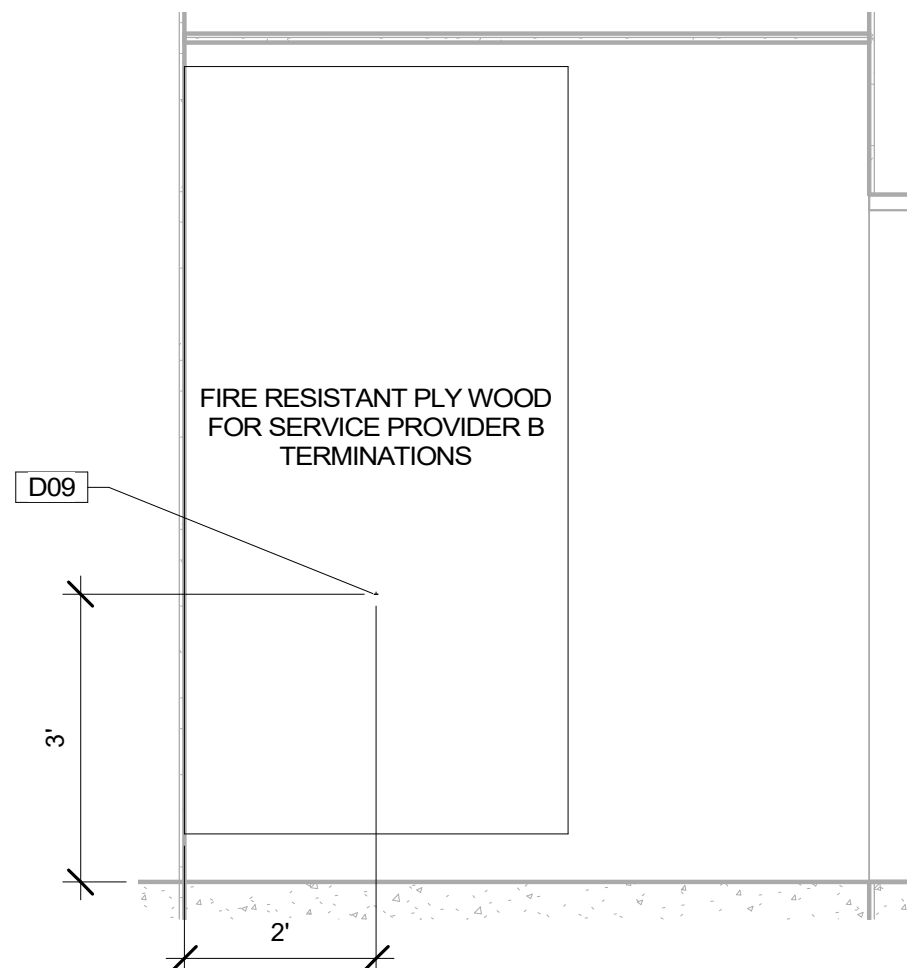
ORIGINAL ISSUANCE:	DATE:
50% CD SET	03/21/23
NOT FOR CONSTRUCTION	
REVISIONS	
REVISION	DATE
DELTA	

SYSTEM DESIGNER:	AD/AF
SYSTEM REVIEWER:	LR
ECS JOB NUMBER:	ES-3247
SHEET INFORMATION:	
SHEET TITLE:	

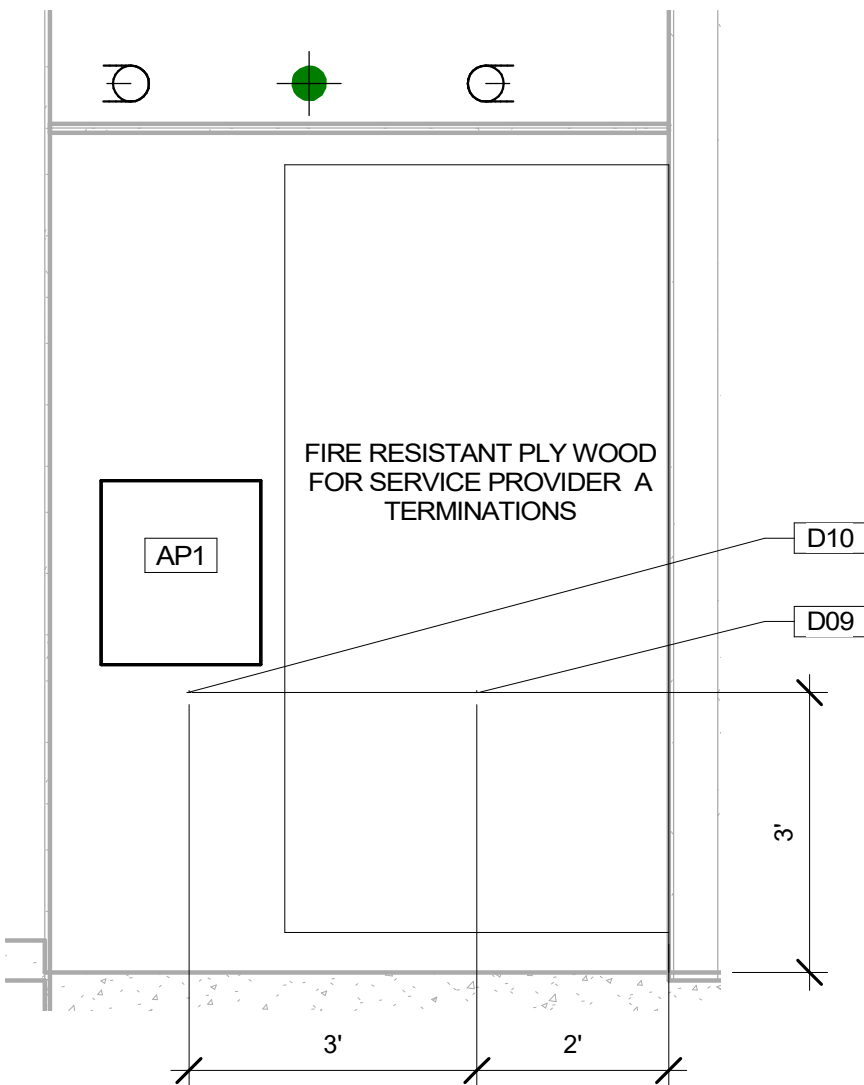
BLDG A LEVEL 3 -
DATACOMM/NETWORK
SYSTEM LAYOUT

SHEET NUMBER:

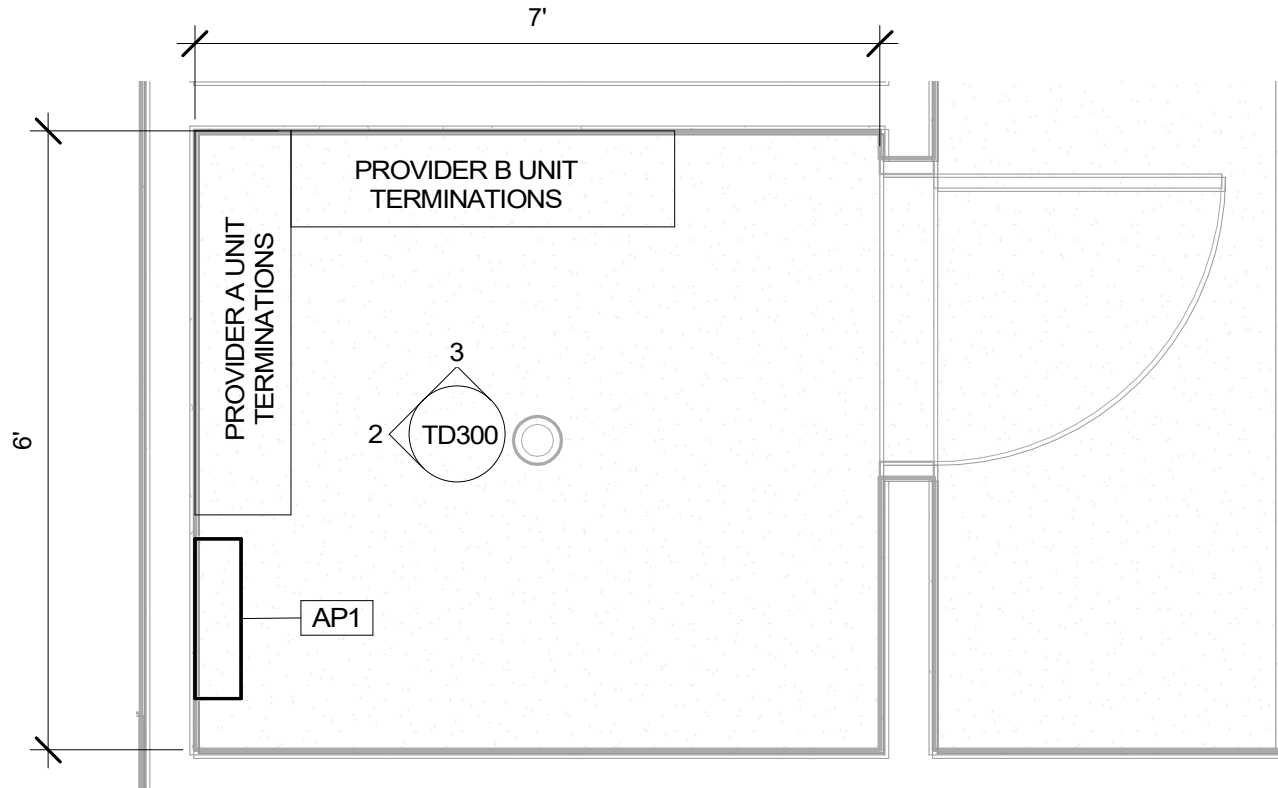
A-TD221



3
IDF 1-107 - RIGHT ELEVATION
1/2" = 1'-0"



2
IDF 1-107 - REAR ELEVATION
1/2" = 1'-0"



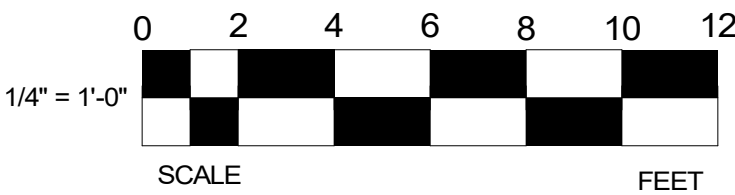
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BLDG A IDF 1-107 - LAYOUT
1/2" = 1'-0"

DATA COMM NETWORK SYSTEM PLAN SYMBOL LEGEND	
SYMBOL	DESCRIPTION
NS	POE NETWORK SWITCH (MOUNTED IN EQUIPMENT RACK) - REQUIRED POWER: 1 DUPLEX OUTLET
PP	NETWORK PATCH PANEL (MOUNTED IN EQUIPMENT RACK)
FS	NETWORK ETHERNET FIBER SWITCH (LOCATED IN EQUIPMENT RACK) - REQUIRED POWER: 1 DUPLEX OUTLET
NVR	CCTV SYSTEM NETWORK VIDEO RECORDER (NVR) (MOUNTED IN EQUIPMENT RACK) - REQUIRED POWER: 1 DUPLEX OUTLET
AV	AV EQUIPMENT RACK (SEE ZONE DESCRIPTION FOR MOUNTING) - REQUIRED POWER: 1 FOURPLEX OUTLET ON DEDICATED CIRCUIT
IDC	INTRUSION DETECTION SYSTEM CONTROLLER (WALL MOUNTED) - REQUIRED POWER: 1 DUPLEX OUTLET
AP#	ACCESS CONTROL PANEL & POWER SUPPLY (WALL MOUNTED) - COORDINATE REQUIRED POWER WITH ELECTRICAL CONTRACTOR

DATA COMM GENERAL NOTES

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- HEATING AND COOLING OF MDF/IDF ROOMS ARE TO BE DETERMINED ON A CASE-BY-CASE BASIS, BUT IT IS TYPICAL THAT A SPLIT DUCT SYSTEM IS SERVICING THE MDF AND IDF ROOMS WITH ONLY SERVICE PROVIDER EQUIPMENT CAN BE SERVICED WITH TRANSFER FANS.
- RE: MEP DRAWINGS FOR PLENUM SPACES AND AVAILABILITY TO ENSURE SPACE REQUIREMENTS ARE MET. ANY OR ALL SHAFTS ARE IN USE BY MEP TYP., DO NOT PLAN ON USE OF SHAFT UNLESS TECHNOLOGY DESIGN INDICATES A SPECIFIC SHAFT IS TO BE USED.

KEYNOTE LEGEND	
Key Value	Keynote Text
D09	POWER REQUIREMENT: DUPLEX RECEPTACLE
D10	POWER REQUIREMENT: DUPLEX RECEPTACLE & J-BOX WITH 2 WHIPS FOR POWER SUPPLIES ON DEDICATED 20 AMP CIRCUIT



PROJECT ARCHITECT

TECHNOLOGY CONSULTANT



EVERBASE
SOLUTIONS
DENVER | CO

O: 855-255-5521
WWW.EVERBASESOLUTIONS.COM

PROJECT INFORMATION

BLDG A 4TH STREET CONDOS
47 W 5TH STREET SILVERTHORNE, CO

ORIGINAL ISSUANCE:	DATE:
50% CD SET	03/21/23
NOT FOR CONSTRUCTION	
REVISIONS	
REVISION	DATE
DELTA	

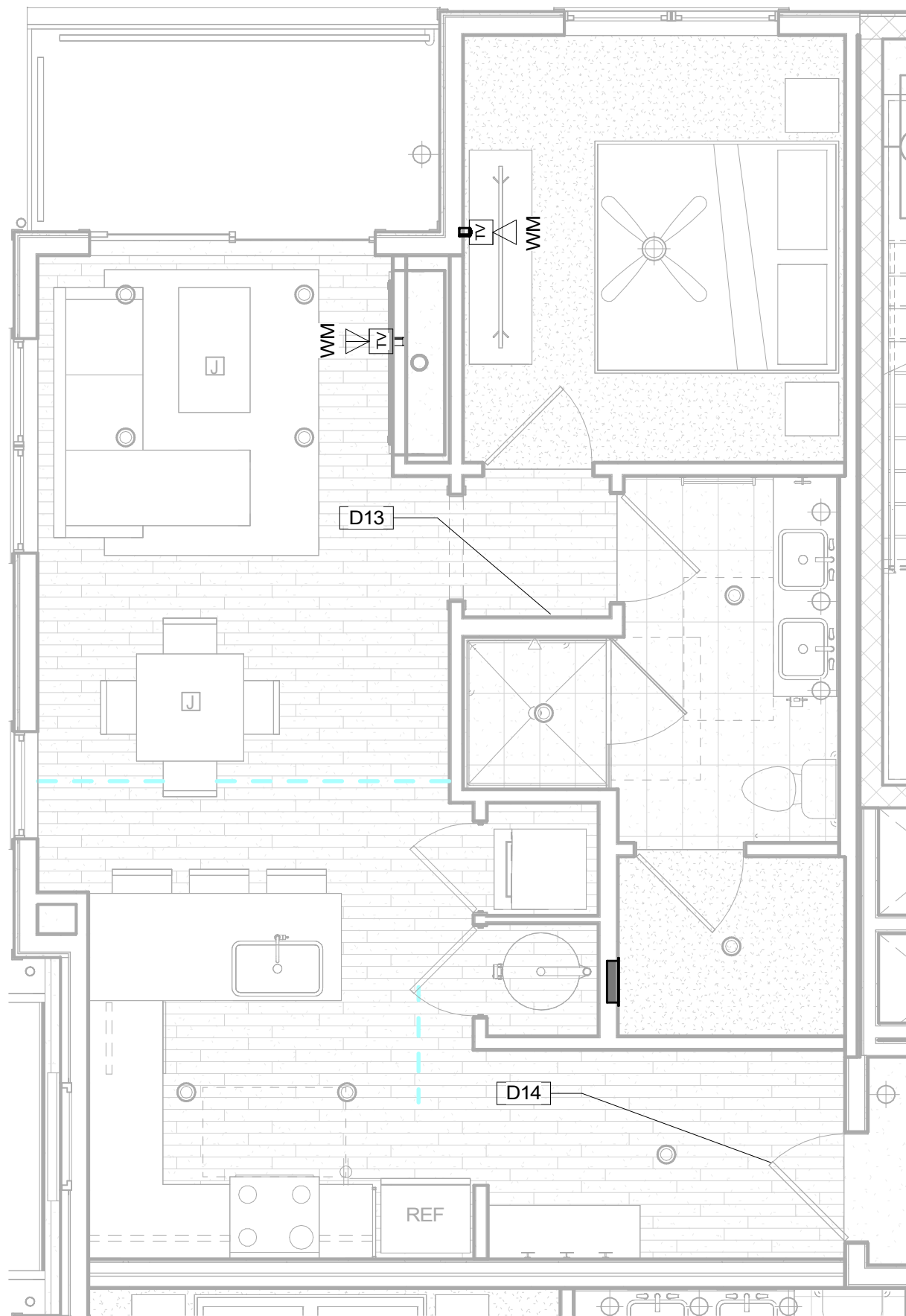
SYSTEM DESIGNER:	AD/AF
SYSTEM REVIEWER:	LR
ECS JOB NUMBER:	ES-3247

SHEET INFORMATION:
SHEET TITLE:

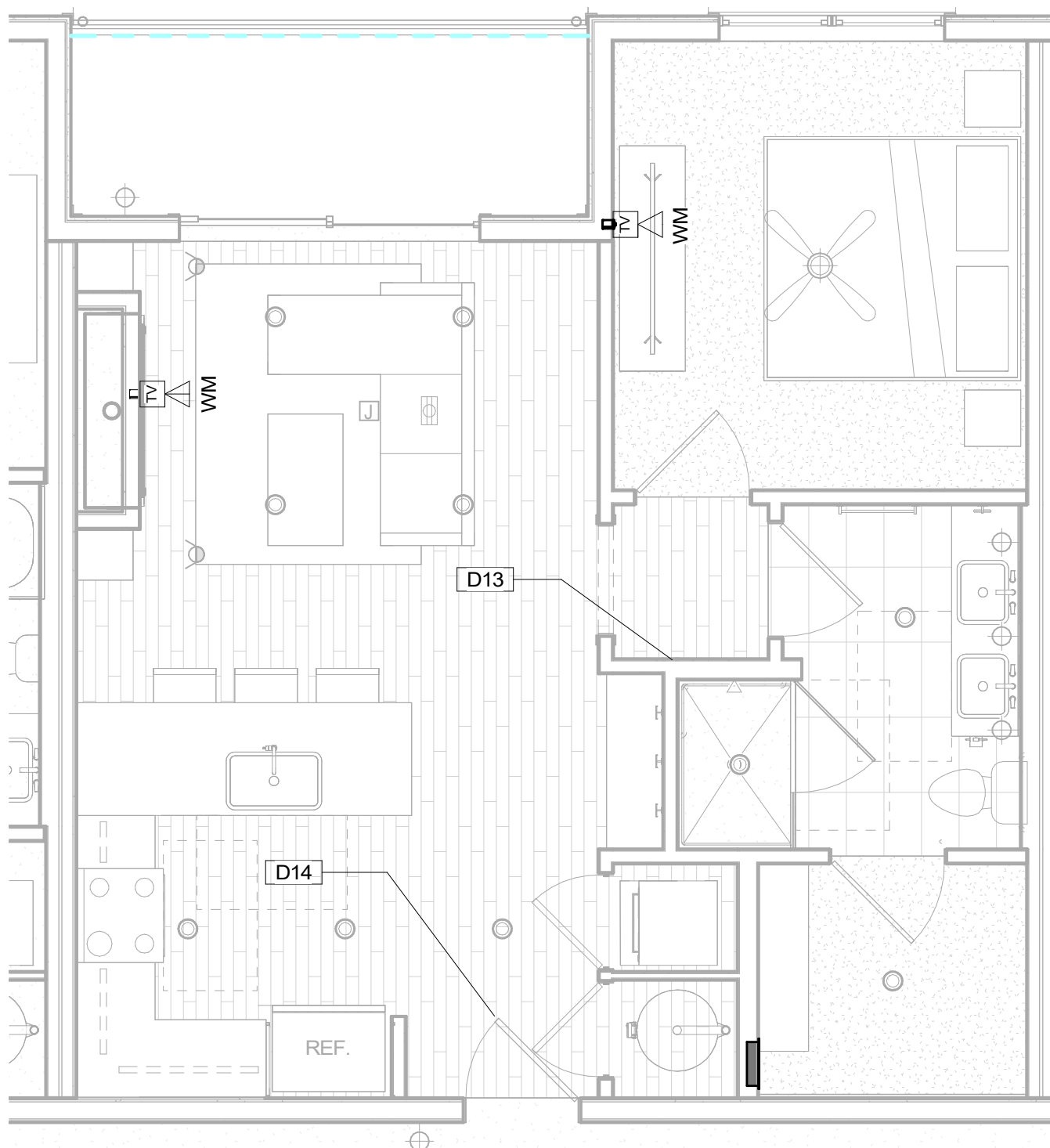
BLDG A -
DATA COMM NETWORK
MDF/IDF ELEVATIONS

SHEET NUMBER:

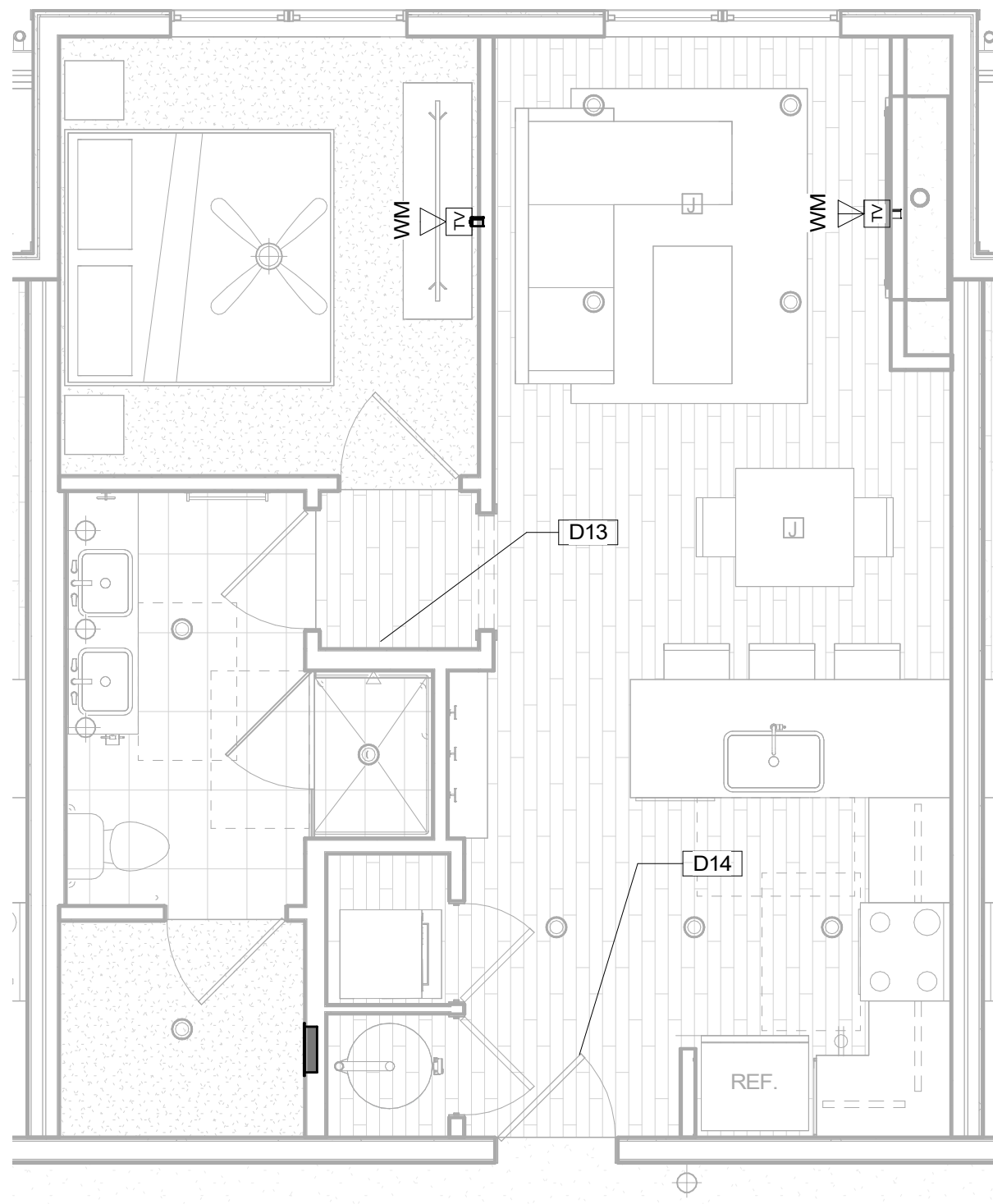
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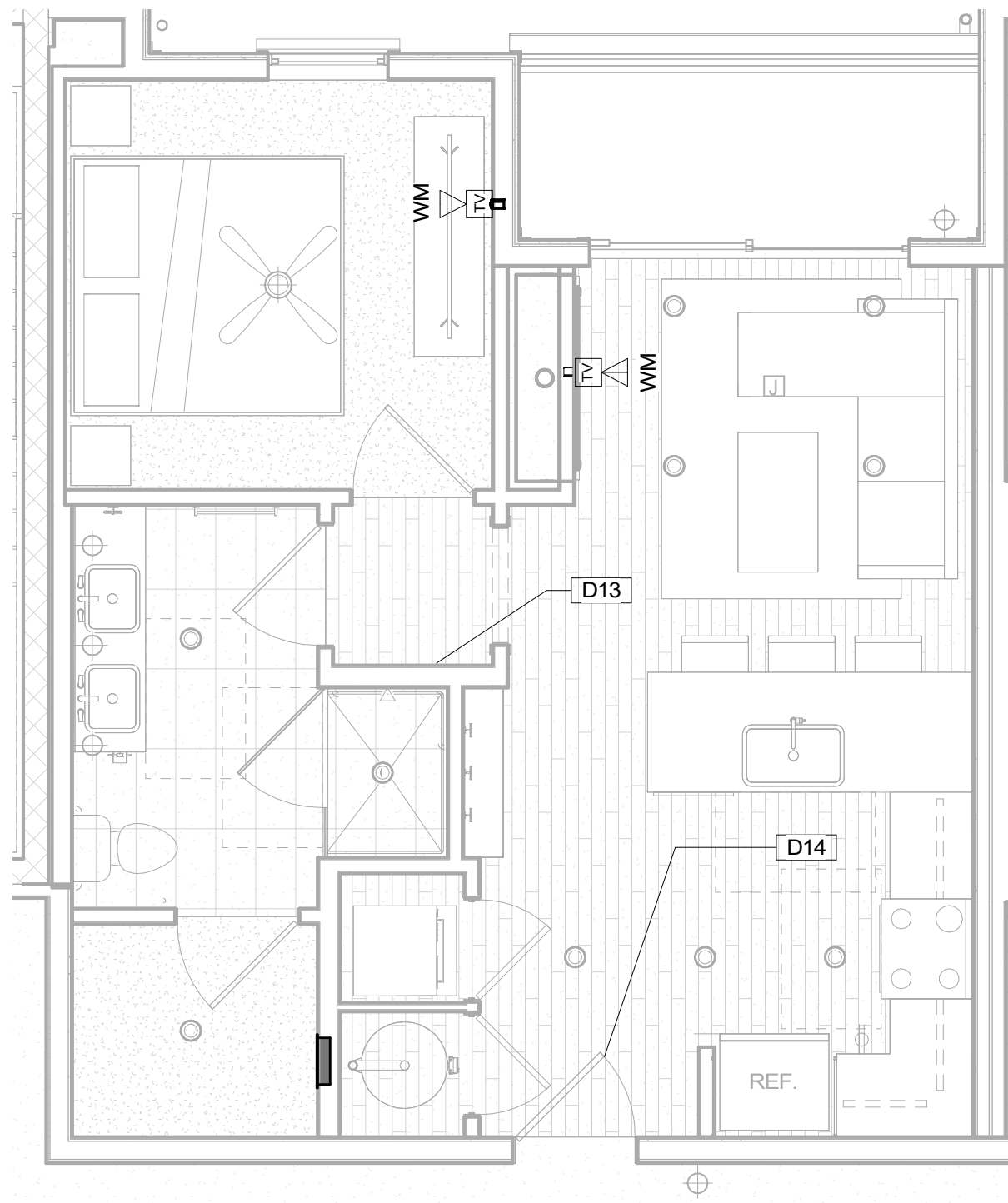
4 UNIT 1D-B - DATACOMM/NETWORK SYSTEM LAYOUT
1/4" = 1'-0"



3 UNIT 1C - DATACOMM/NETWORK SYSTEM LAYOUT
1/4" = 1'-0"



2 UNIT 1B-B -DATACOMM/NETWORK SYSTEM LAYOUT
1/4" = 1'-0"



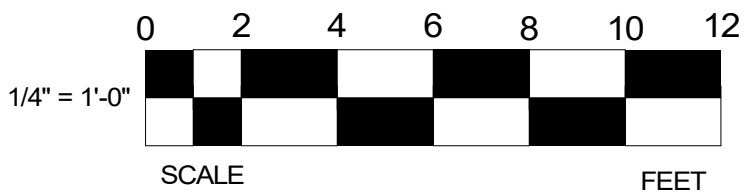
1 UNIT 1A-B -DATACOMM/NETWORK SYSTEM LAYOUT
1/4" = 1'-0"

DATACOMM/NETWORK PLAN SYMBOL LEGEND:	
SYMBOL	DATACOMM/NETWORK SYSTEM DEVICE DESCRIPTION
WM FM	DATA OUTLET (WALL MOUNTED / FLOOR OUTLET)
WM FM	DUAL DATA OUTLET (WALL MOUNTED / FLOOR OUTLET)
WM FM	DATA+VOICE OUTLET (WALL MOUNTED / FLOOR OUTLET)
WM FM	DATA+VIDEO OUTLET (WALL MOUNTED / FLOOR OUTLET)
WM FM	DATA+DATA+VIDEO OUTLET (WALL MOUNTED / FLOOR OUTLET)
WM FM	IN-UNIT NON-METALLIC MEDIA PANEL (RECESS MOUNTED IN-WALL)
WAP	WIRELESS ACCESS POINT - PARTITIONED FOR PUBLIC & PRIVATE NETWORK ACCESS

DATACOMM UNIT GENERAL NOTES

- REFER TO COVER SHEET FOR STANDARD DATACOMM/NETWORK DEVICE CABLING REQUIREMENTS & MOUNTING HEIGHTS
- REFER TO DATACOMM/NETWORK ELEVATION & SECTION SHEETS FOR MDF/IDF ROOM LAYOUT & RISER ROUTING
- REFER TO DATACOMM/NETWORK DETAIL SHEETS FOR DATACOMM/NETWORK SYSTEM DETAILS & DIAGRAMS
- RE: ELECTRICAL DRAWINGS & SPECIFICATIONS FOR FACEPLATE AND OUTLET COLORS, TYP.
- CABLE & CONDUIT ROUTING SUBJECT TO CHANGE BASED ON FIELD CONDITIONS
- ELECTRICAL CONTRACTOR TO PROVIDE POWER AS SPECIFIED
- UNIT HOMERUNS FROM EACH UNIT MEDIA PANEL TO ASSOCIATED IDF ROOM TO BE CONSISTENT WITH SERVICE PROVIDER CONTRACTS. UNIT HOMERUN WIRING TO INCLUDE:
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 - **1-OPTICAL FIBER CABLE IN MICRODUCT AS PER SERVICE PROVIDER B SPECIFICATIONS
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- BLOCKING REQUIRED AT ALL "H-I-O" TV LOCATIONS
- ALL IN-UNIT DATA CABLING FROM MEDIA PANEL WILL BE RG6 OR CAT6A UNLESS OTHERWISE NOTED.

KEYNOTE LEGEND	
Key Value	Keynote Text
D13	SMART THERMOSTAT - COORDINATE LOCATION WITH MECHANICAL PLANS
D14	STAND-ALONE ELECTRONIC UNIT LOCK WITH MOBILE CREDENTIAL CAPABILITY & SHARED CREDENTIAL WITH COMMON AREA ACCESS CONTROL SYSTEM



PROJECT ARCHITECT

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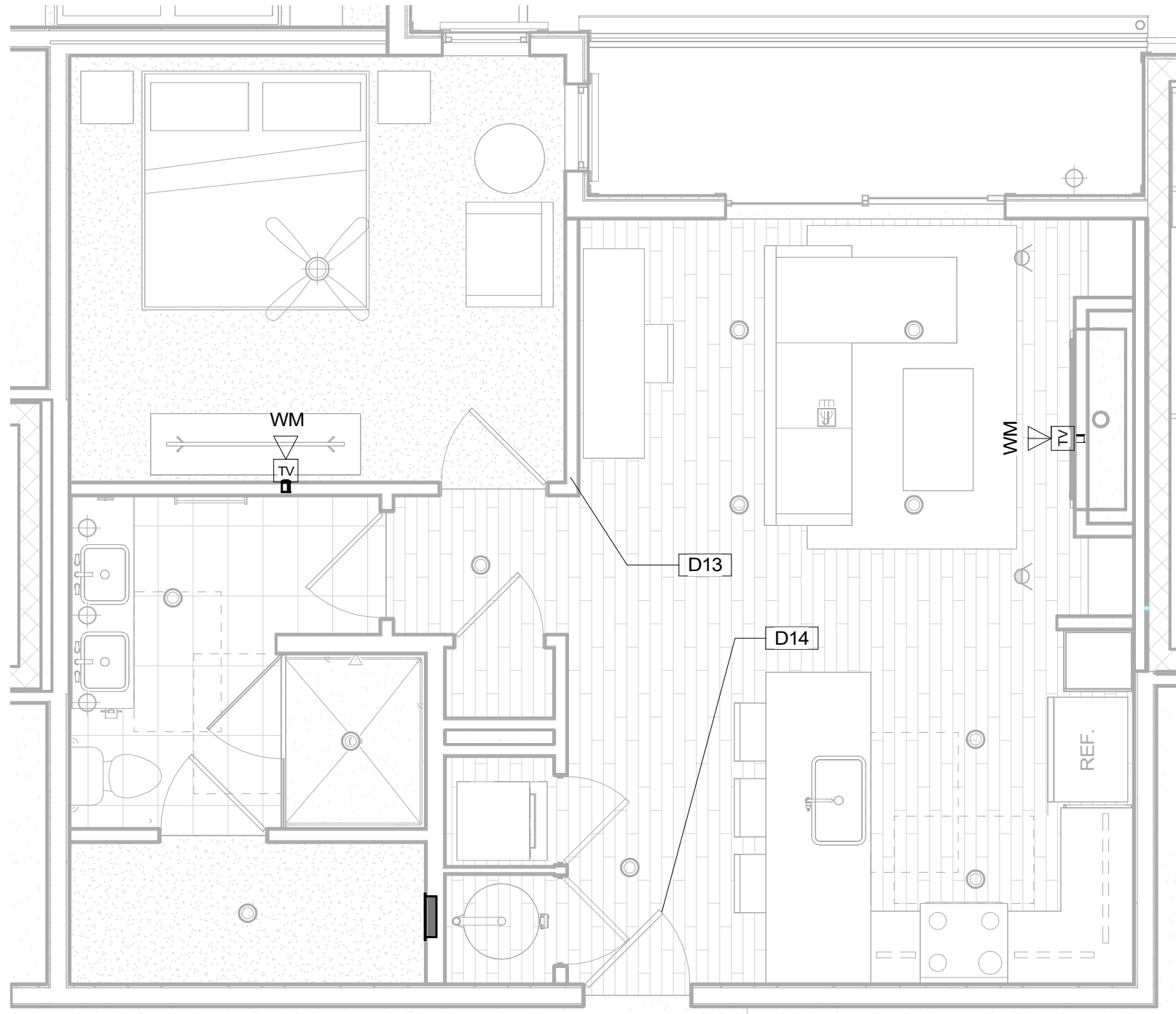
SYSTEM DESIGNER:	AD/AF
SYSTEM REVIEWER:	LR
ECS JOB NUMBER:	ES-3247

SHEET INFORMATION:
SHEET TITLE:

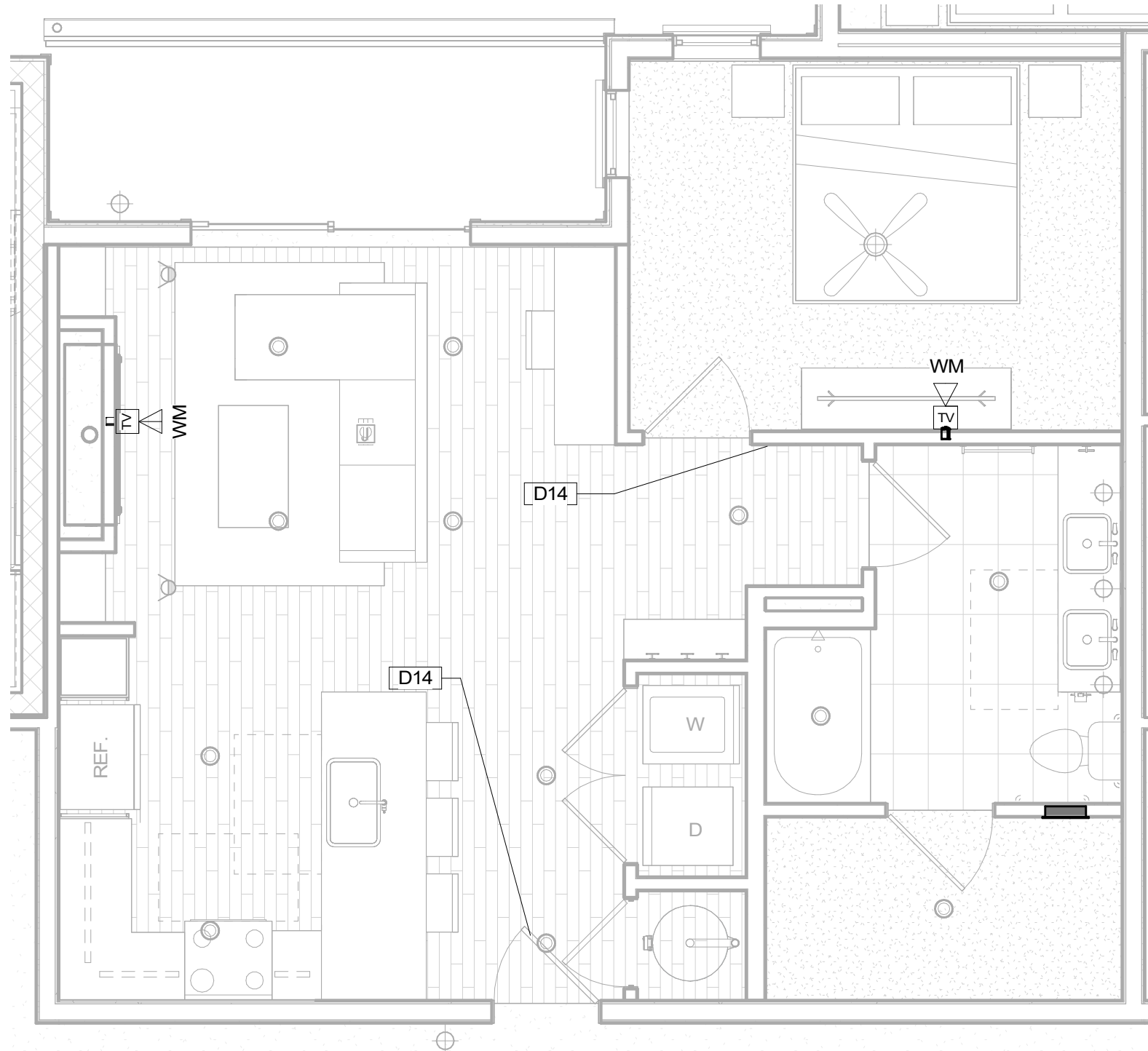
DATACOMM/NETWORK
SYSTEM UNIT PLANS

SHEET NUMBER:

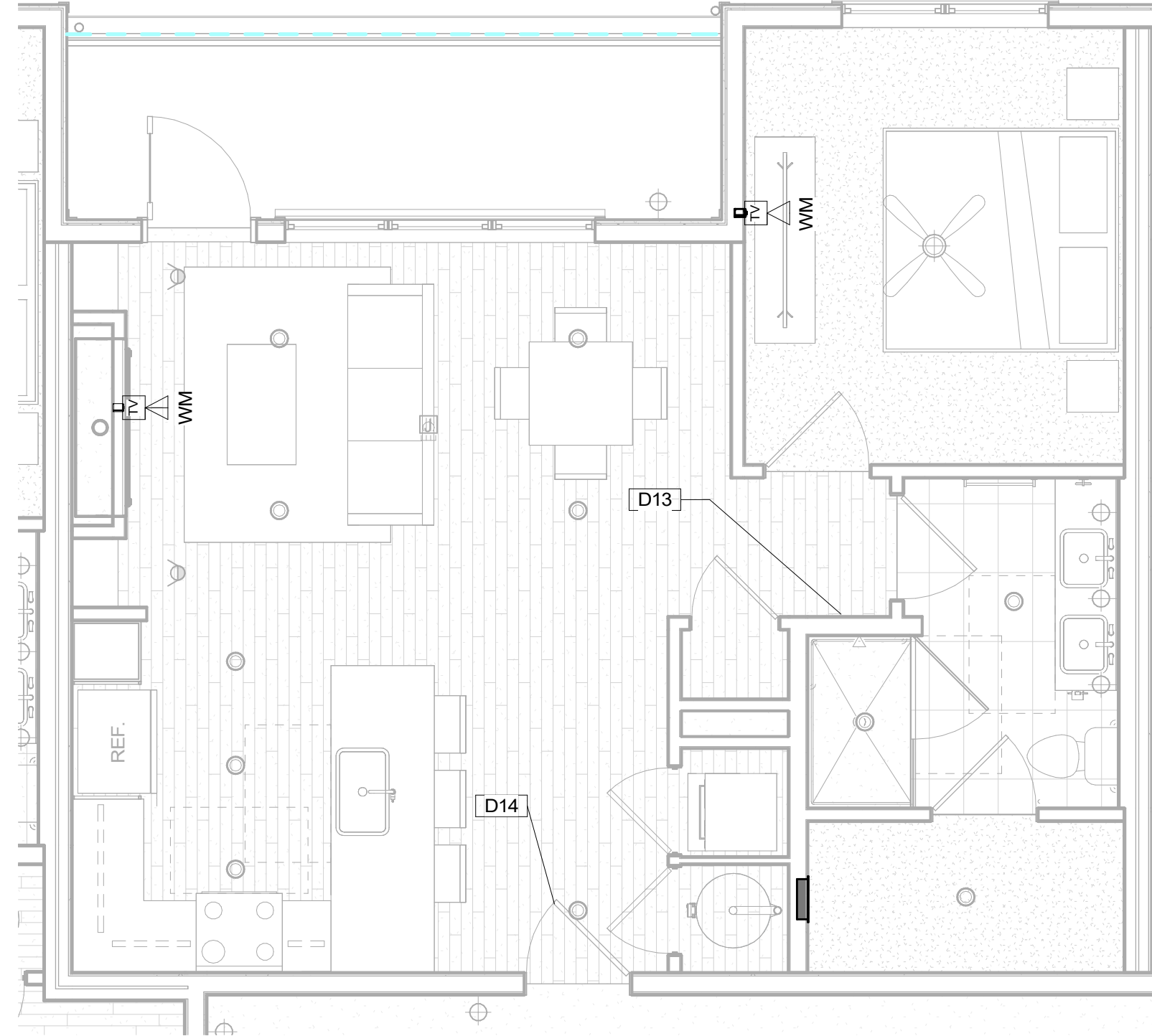
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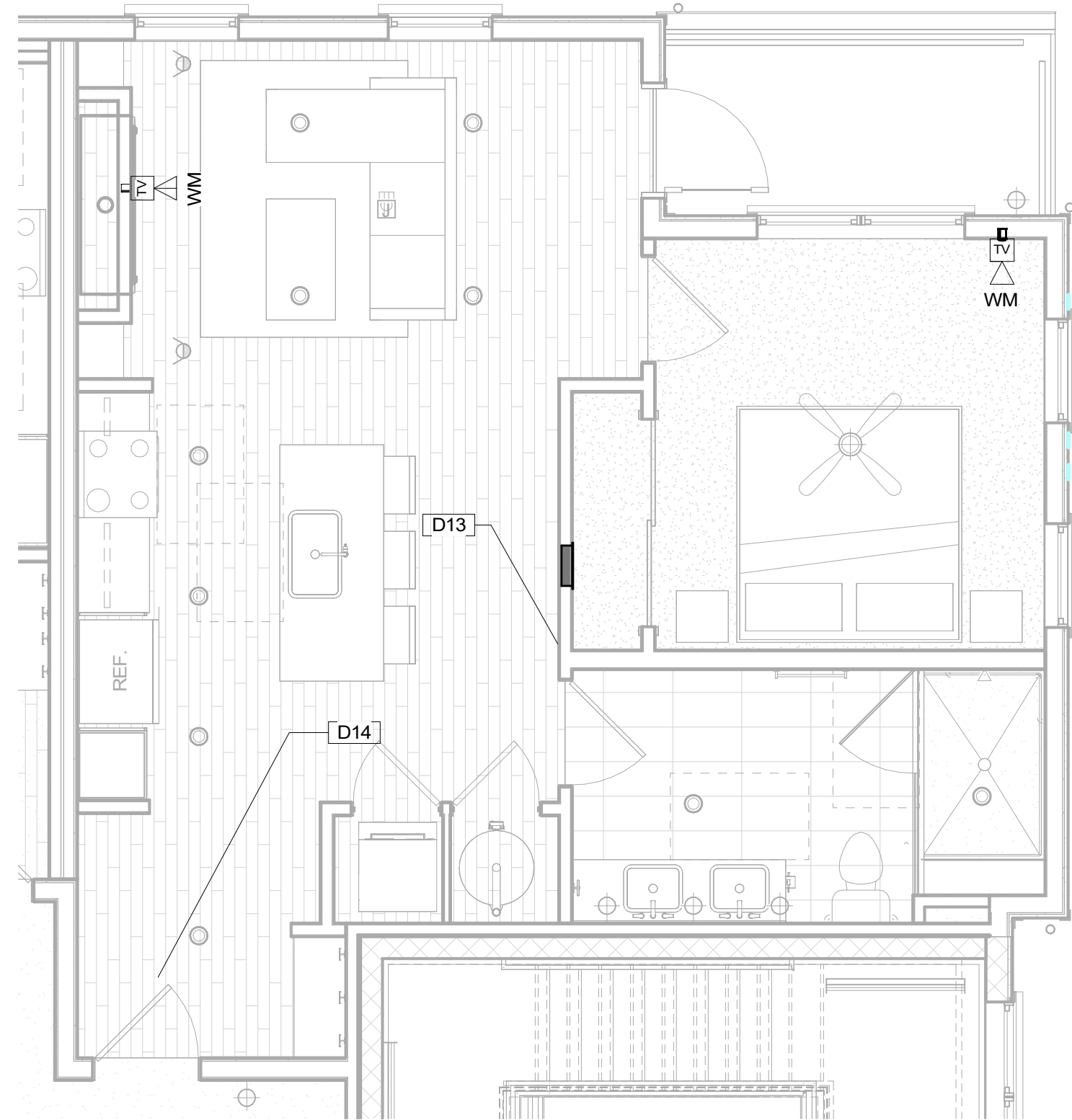
4 UNIT 1G-B -Datacomm/Network System Layout
1/4" = 1'-0"



3 UNIT 1G-A -Datacomm/Network System Layout
1/4" = 1'-0"



2 UNIT 1F-B -Datacomm/Network System Layout
1/4" = 1'-0"



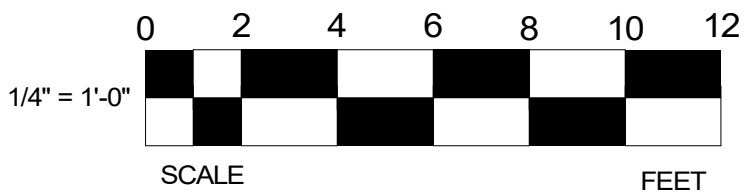
1 UNIT 1E-B - Datacomm/Network System Layout
1/4" = 1'-0"

Datacomm/Network Plan Symbol Legend:	
Symbol	Datacomm/Network System Device Description
	DATA OUTLET (WALL MOUNTED / FLOOR OUTLET)
	DUAL DATA OUTLET (WALL MOUNTED / FLOOR OUTLET)
	DATA+VOICE OUTLET (WALL MOUNTED / FLOOR OUTLET)
	DATA+VIDEO OUTLET (WALL MOUNTED / FLOOR OUTLET)
	DATA+DATA+VIDEO OUTLET (WALL MOUNTED / FLOOR OUTLET)
	IN-UNIT NON-METALLIC MEDIA PANEL (RECESS MOUNTED IN-WALL)
	WIRELESS ACCESS POINT - PARTITIONED FOR PUBLIC & PRIVATE NETWORK ACCESS

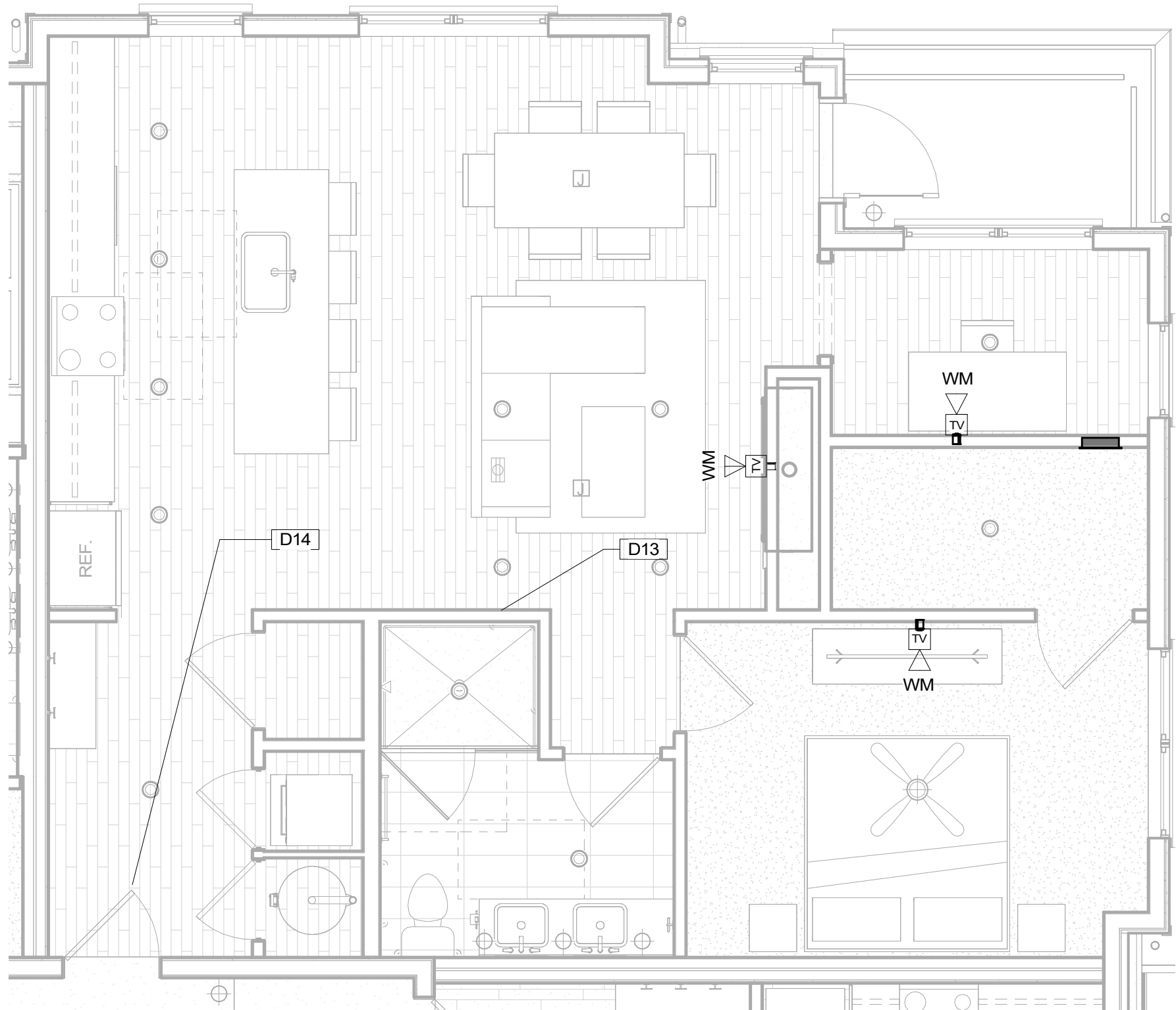
Datacomm Unit General Notes

- REFER TO COVER SHEET FOR STANDARD DATACOMM/NETWORK DEVICE CABLING REQUIREMENTS & MOUNTING HEIGHTS
- REFER TO DATACOMM/NETWORK ELEVATION & SECTION SHEETS FOR MDF/IDF ROOM LAYOUT & RISER ROUTING
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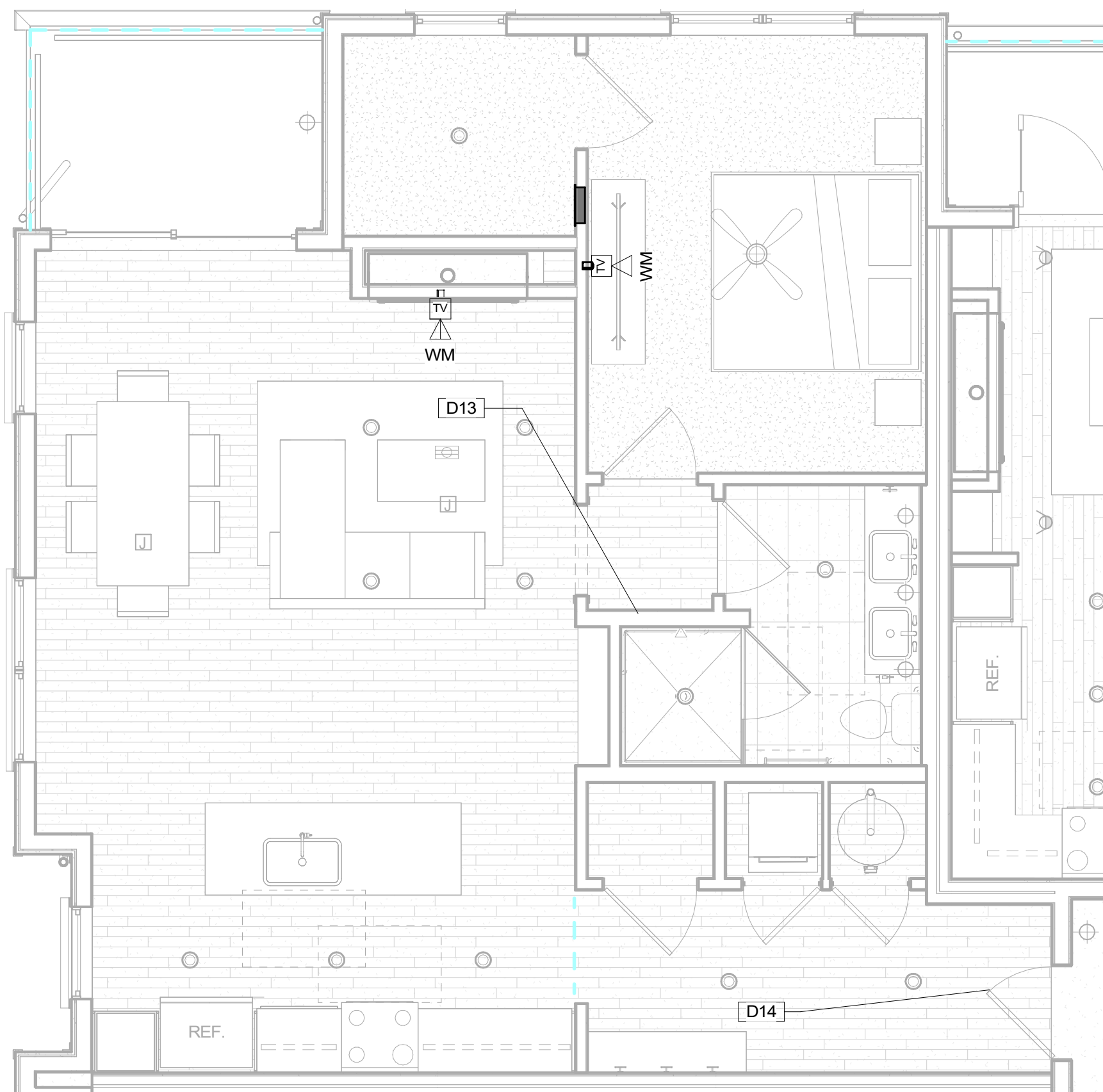
Keynote Legend	
Key Value	Keynote Text
D13	SMART THERMOSTAT - COORDINATE LOCATION WITH MECHANICAL PLANS
D14	STAND-ALONE ELECTRONIC UNIT LOCK WITH MOBILE CREDENTIAL CAPABILITY & SHARED CREDENTIAL WITH COMMON AREA ACCESS CONTROL SYSTEM



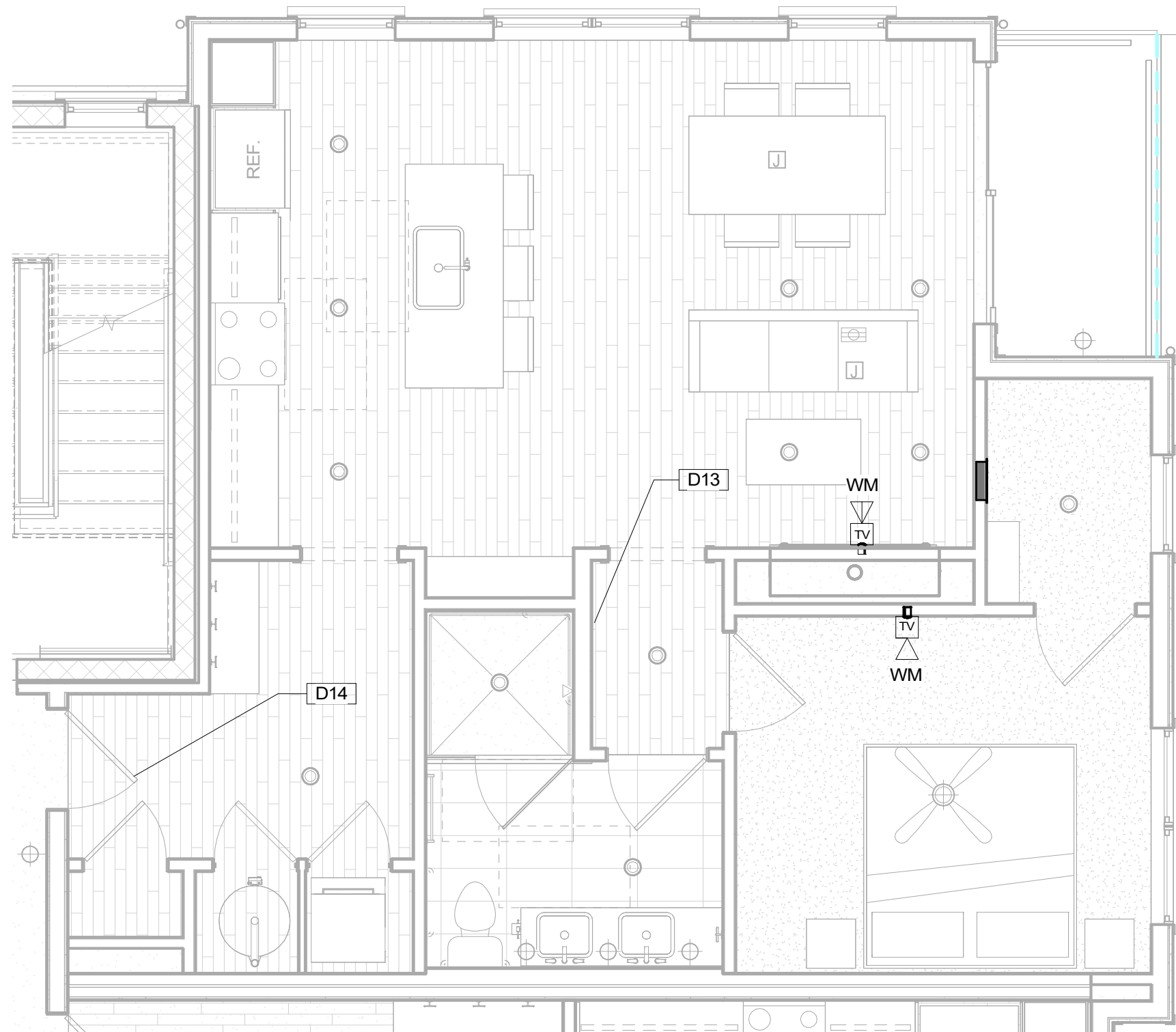
REVISION	DATE	DELTA
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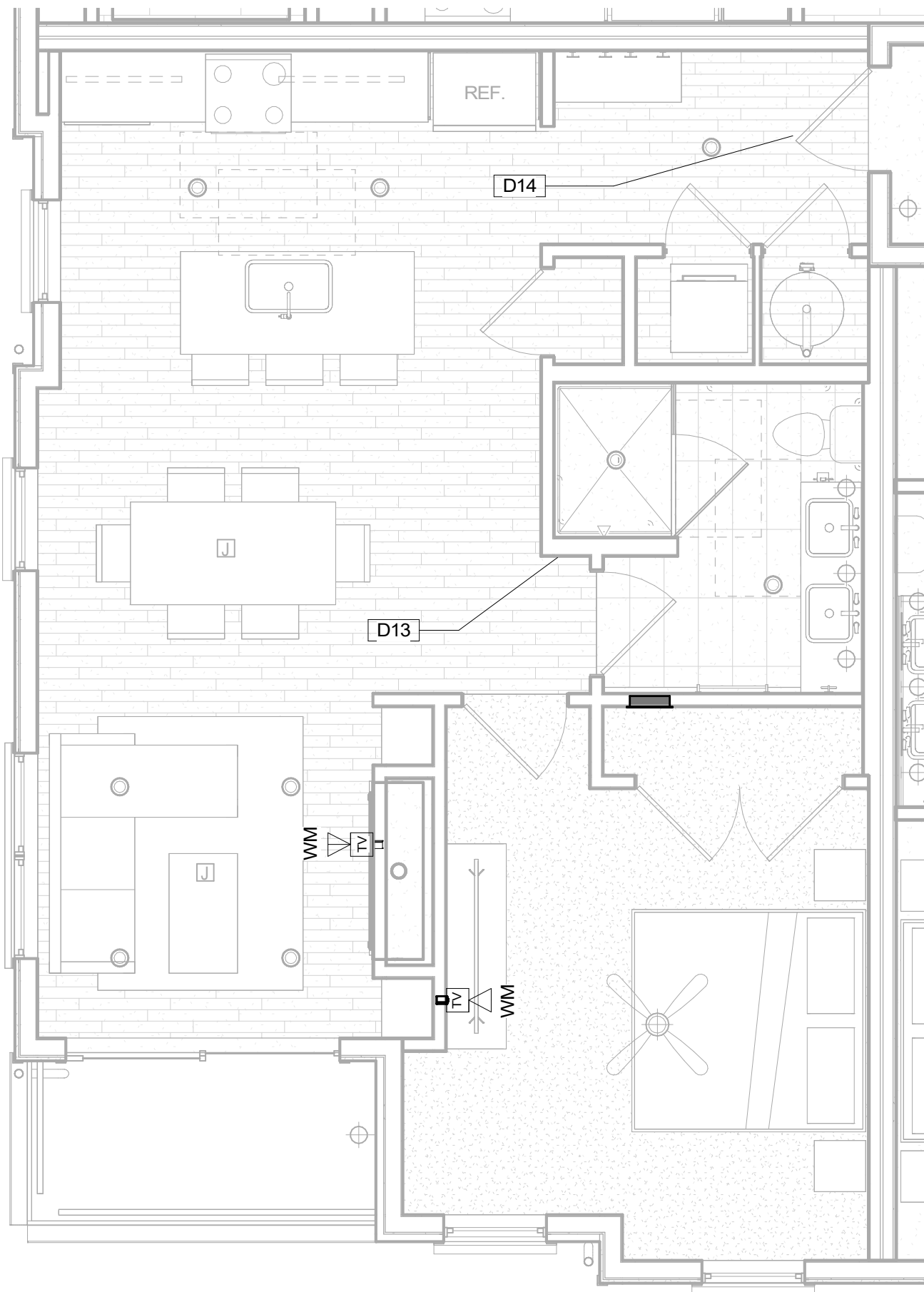
4 UNIT 1K-B - DATACOMM/NETWORK SYSTEM LAYOUT
1/4" = 1'-0"



3 UNIT 1J-B -DATACOMM/NETWORK SYSTEM LAYOUT
1/4" = 1'-0"



2 UNIT 1I-B -DATACOMM/NETWORK SYSTEM LAYOUT
1/4" = 1'-0"



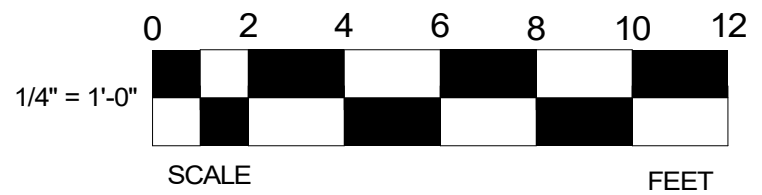
1 UNIT 1H-B - DATACOMM/NETWORK SYSTEM LAYOUT
1/4" = 1'-0"

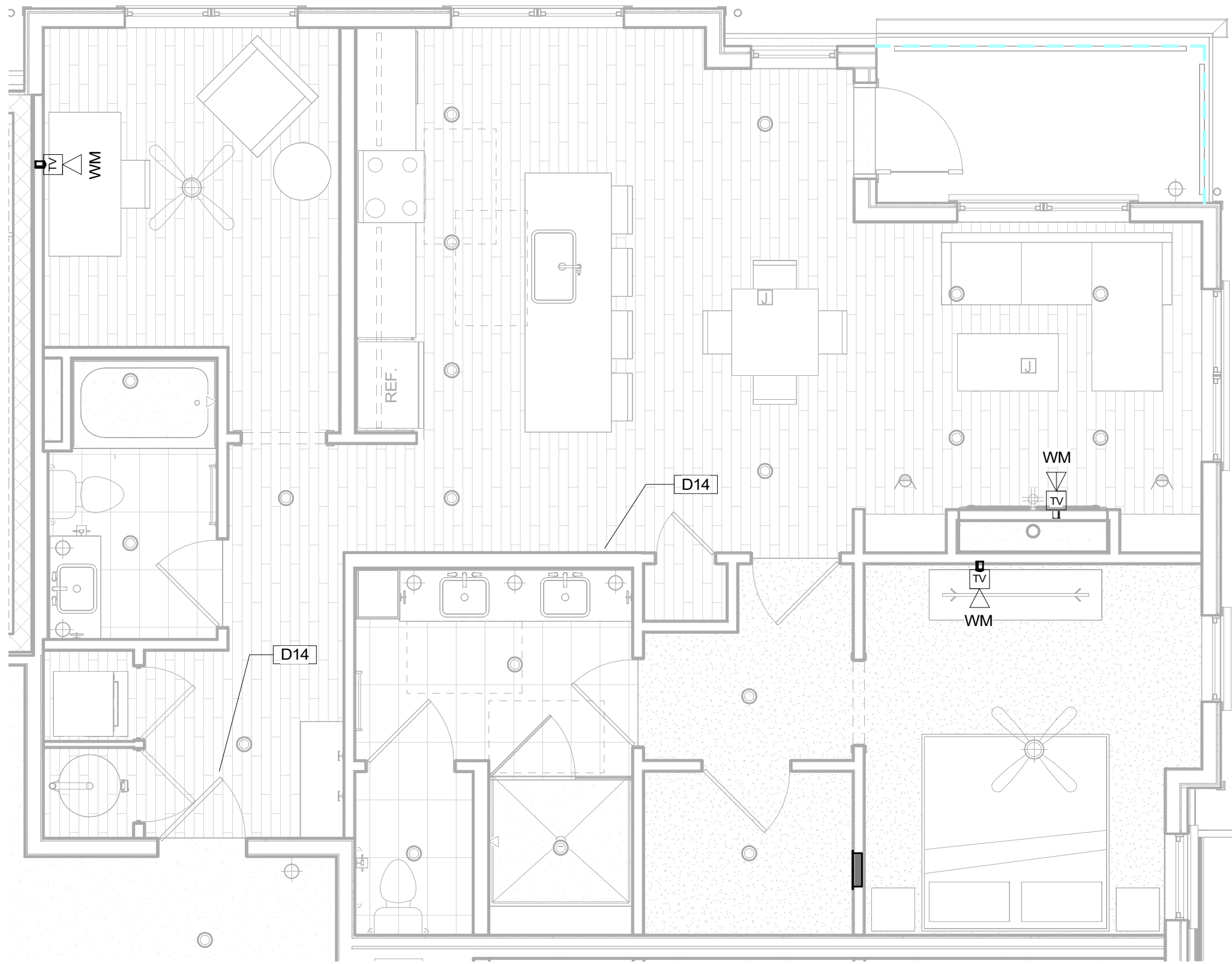
DATACOMM/NETWORK PLAN SYMBOL LEGEND:	
SYMBOL	DATACOMM/NETWORK SYSTEM DEVICE DESCRIPTION
	DATA OUTLET (WALL MOUNTED / FLOOR OUTLET)
	DUAL DATA OUTLET (WALL MOUNTED / FLOOR OUTLET)
	DATA+VOICE OUTLET (WALL MOUNTED / FLOOR OUTLET)
	DATA+VIDEO OUTLET (WALL MOUNTED / FLOOR OUTLET)
	DATA+DATA+VIDEO OUTLET (WALL MOUNTED / FLOOR OUTLET)
	IN-UNIT NON-METALLIC MEDIA PANEL (RECESS MOUNTED IN-WALL)
	WIRELESS ACCESS POINT - PARTITIONED FOR PUBLIC & PRIVATE NETWORK ACCESS

DATACOMM UNIT GENERAL NOTES

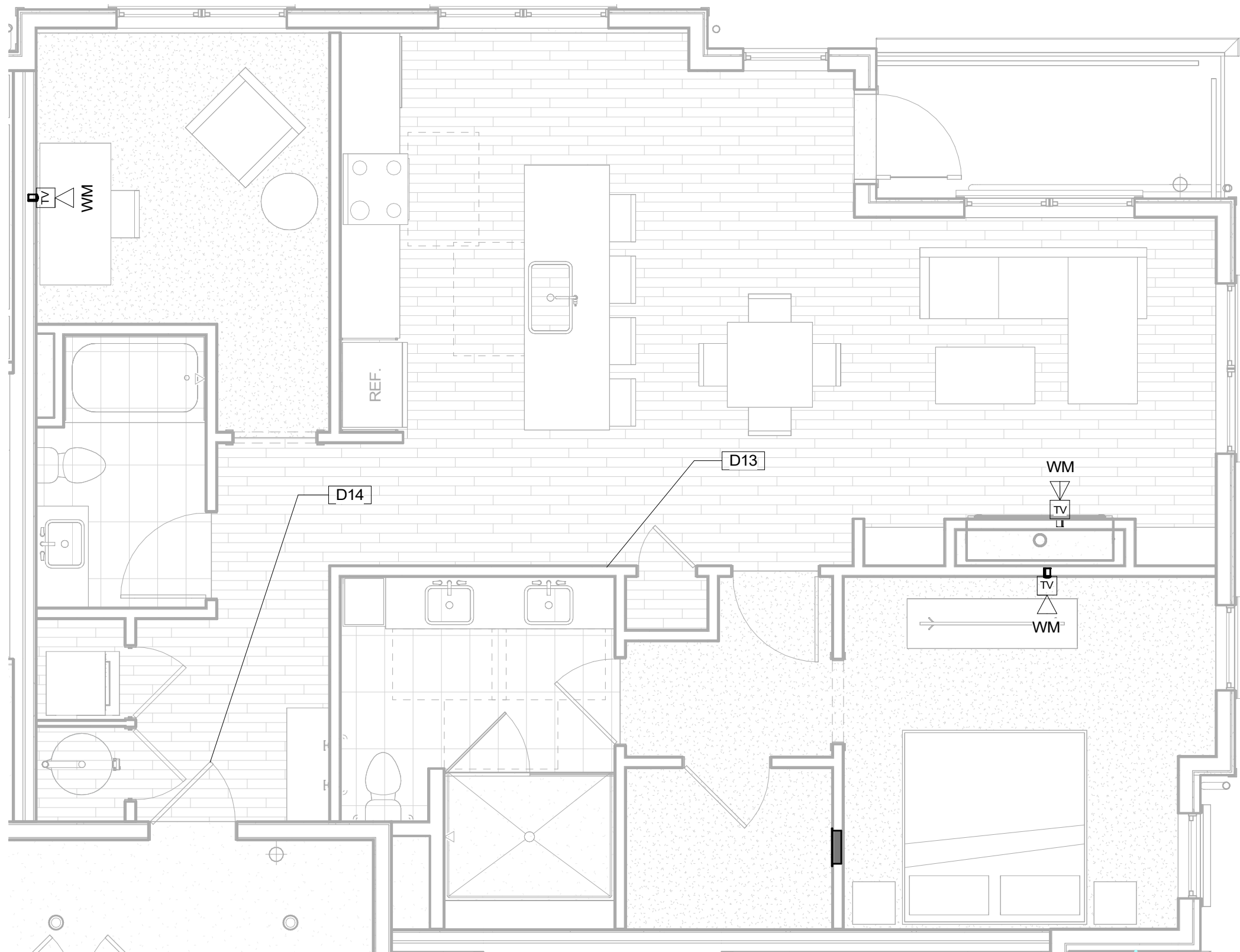
- REFER TO COVER SHEET FOR STANDARD DATACOMM/NETWORK DEVICE CABLING REQUIREMENTS & MOUNTING HEIGHTS
- REFER TO DATACOMM/NETWORK ELEVATION & SECTION SHEETS FOR MDF/IDF ROOM LAYOUT & RISER ROUTING
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KEYNOTE LEGEND	
Key Value	Keynote Text
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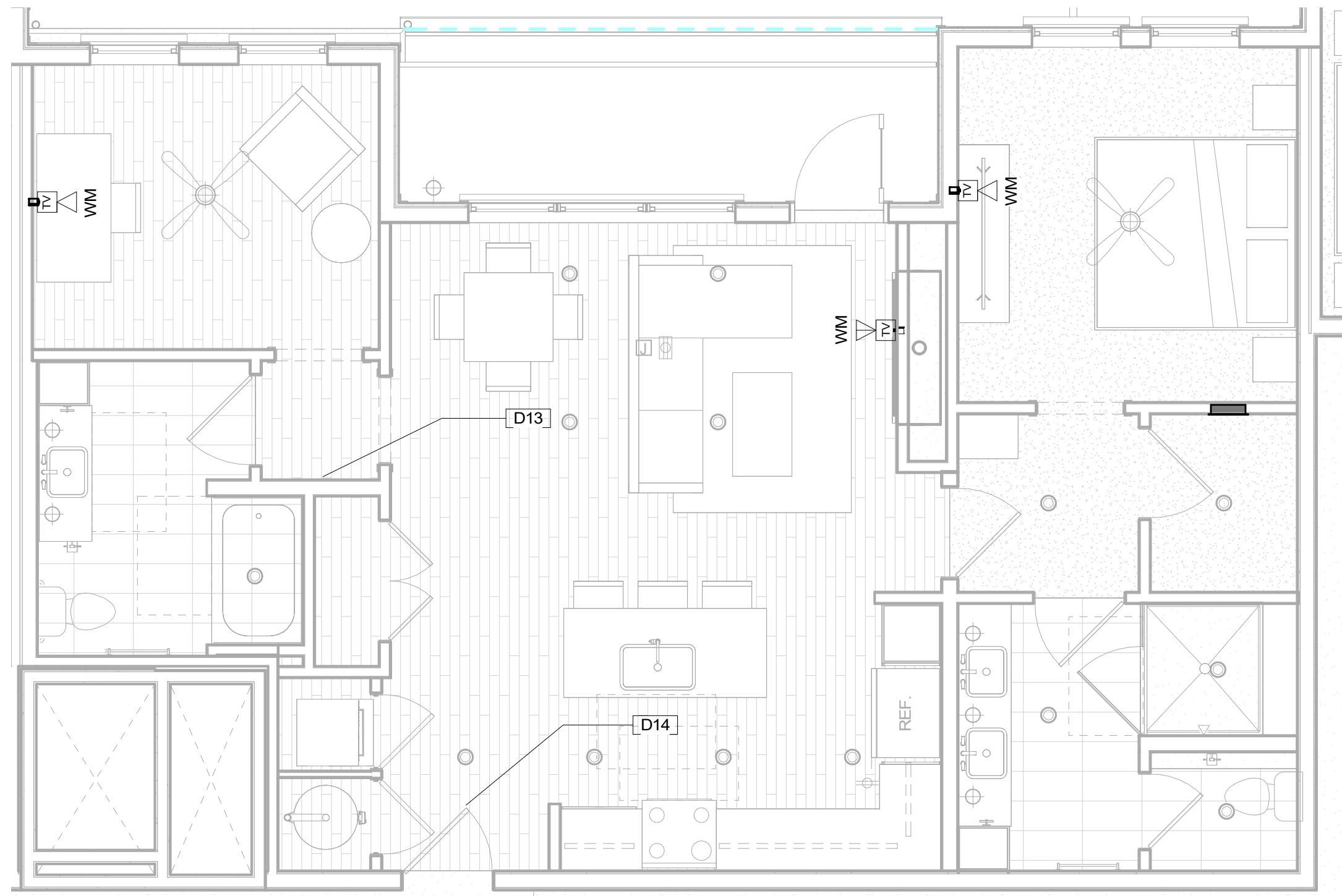




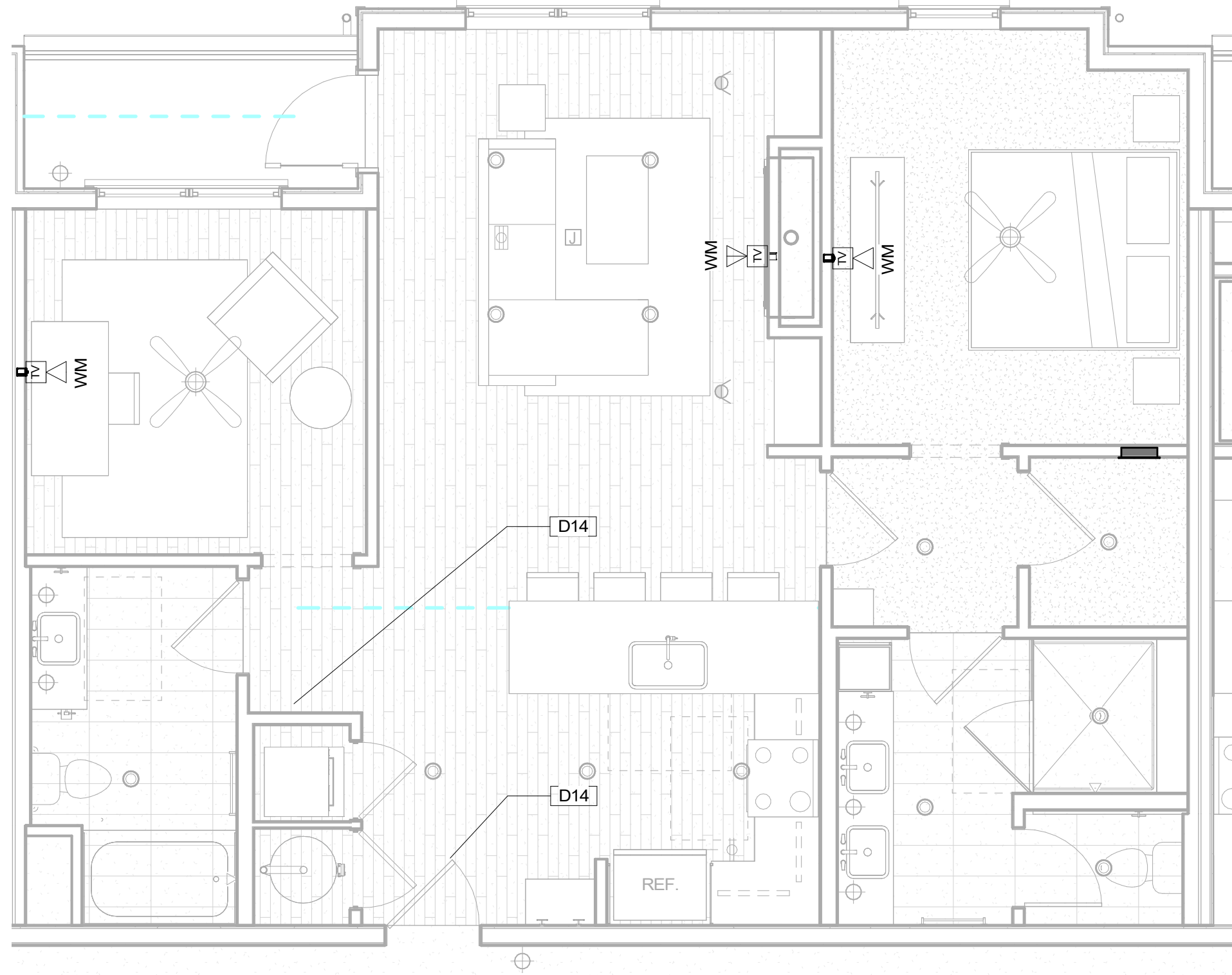
4 UNIT 1N.3 - DATACOMM/NETWORK SYSTEM LAYOUT
1/4" = 1'-0"



3 UNIT 1N.2-B - DATACOMM/NETWORK SYSTEM LAYOUT
1/4" = 1'-0"



2 UNIT 1M -DATACOMM/NETWORK SYSTEM LAYOUT
1/4" = 1'-0"



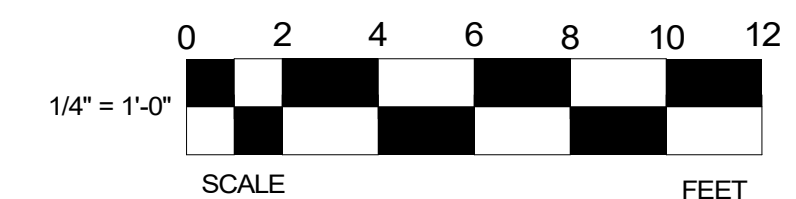
1 UNIT 1L-B - DATACOMM/NETWORK SYSTEM LAYOUT
1/4" = 1'-0"

DATACOMM/NETWORK PLAN SYMBOL LEGEND:	
SYMBOL	DATACOMM/NETWORK SYSTEM DEVICE DESCRIPTION
	DATA OUTLET (WALL MOUNTED / FLOOR OUTLET)
	DUAL DATA OUTLET (WALL MOUNTED / FLOOR OUTLET)
	DATA+VOICE OUTLET (WALL MOUNTED / FLOOR OUTLET)
	DATA+VIDEO OUTLET (WALL MOUNTED / FLOOR OUTLET)
	DATA+DATA+VIDEO OUTLET (WALL MOUNTED / FLOOR OUTLET)
	IN-UNIT NON-METALLIC MEDIA PANEL (RECESS MOUNTED IN-WALL)
	WIRELESS ACCESS POINT - PARTITIONED FOR PUBLIC & PRIVATE NETWORK ACCESS

DATACOMM UNIT GENERAL NOTES

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KEYNOTE LEGEND	
Key Value	Keynote Text
D13	SMART THERMOSTAT - COORDINATE LOCATION WITH MECHANICAL PLANS
D14	STAND-ALONE ELECTRONIC UNIT LOCK WITH MOBILE CREDENTIAL CAPABILITY & SHARED CREDENTIAL WITH COMMON AREA ACCESS CONTROL SYSTEM



PROJECT ARCHITECT

TECHNOLOGY CONSULTANT



O: 855-255-5521
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BLDG A 4TH STREET CONDOS
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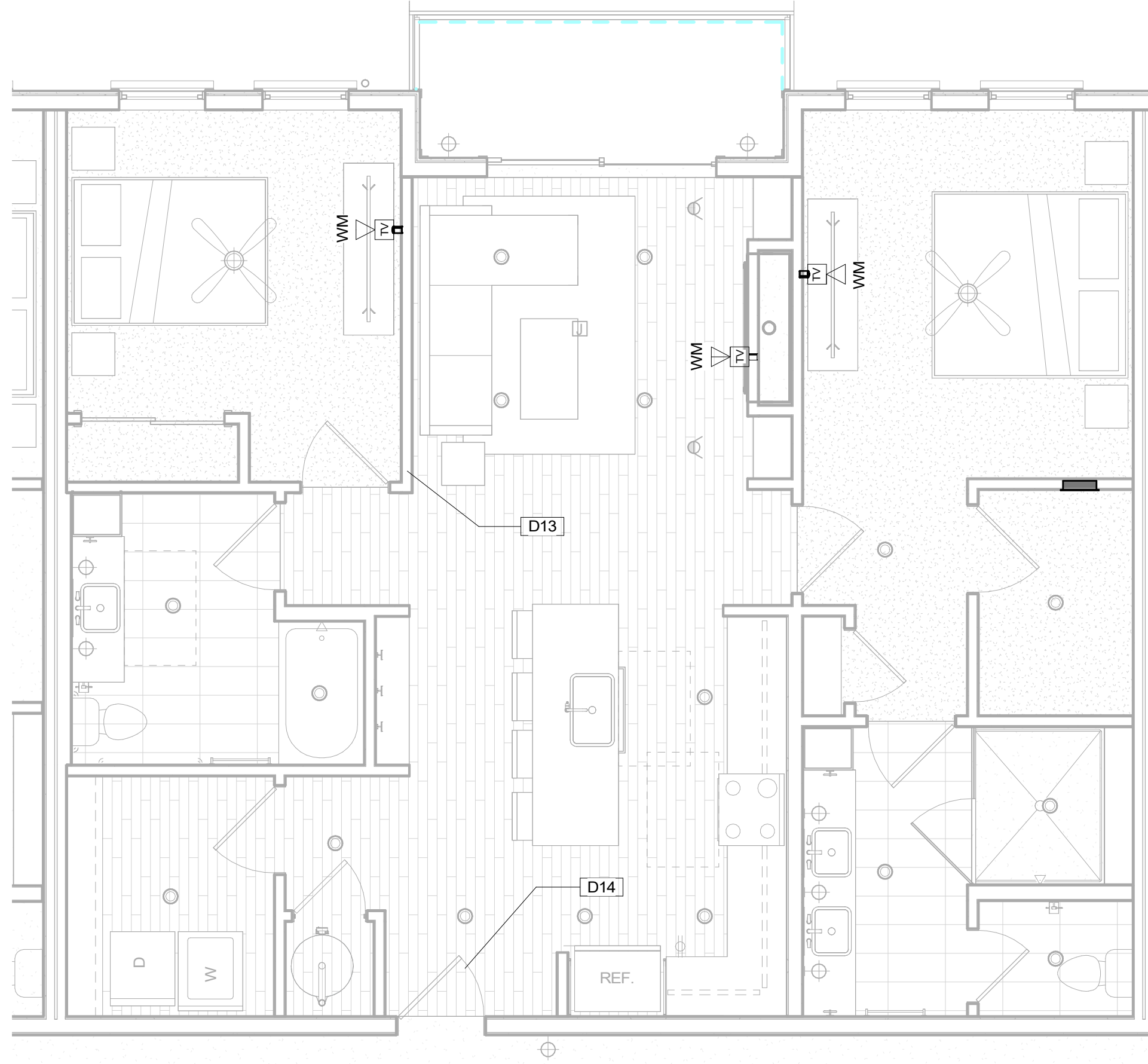
SYSTEM DESIGNER: AD/AF
SYSTEM REVIEWER: LR
ECS JOB NUMBER: ES-3247

SHEET INFORMATION:
SHEET TITLE:

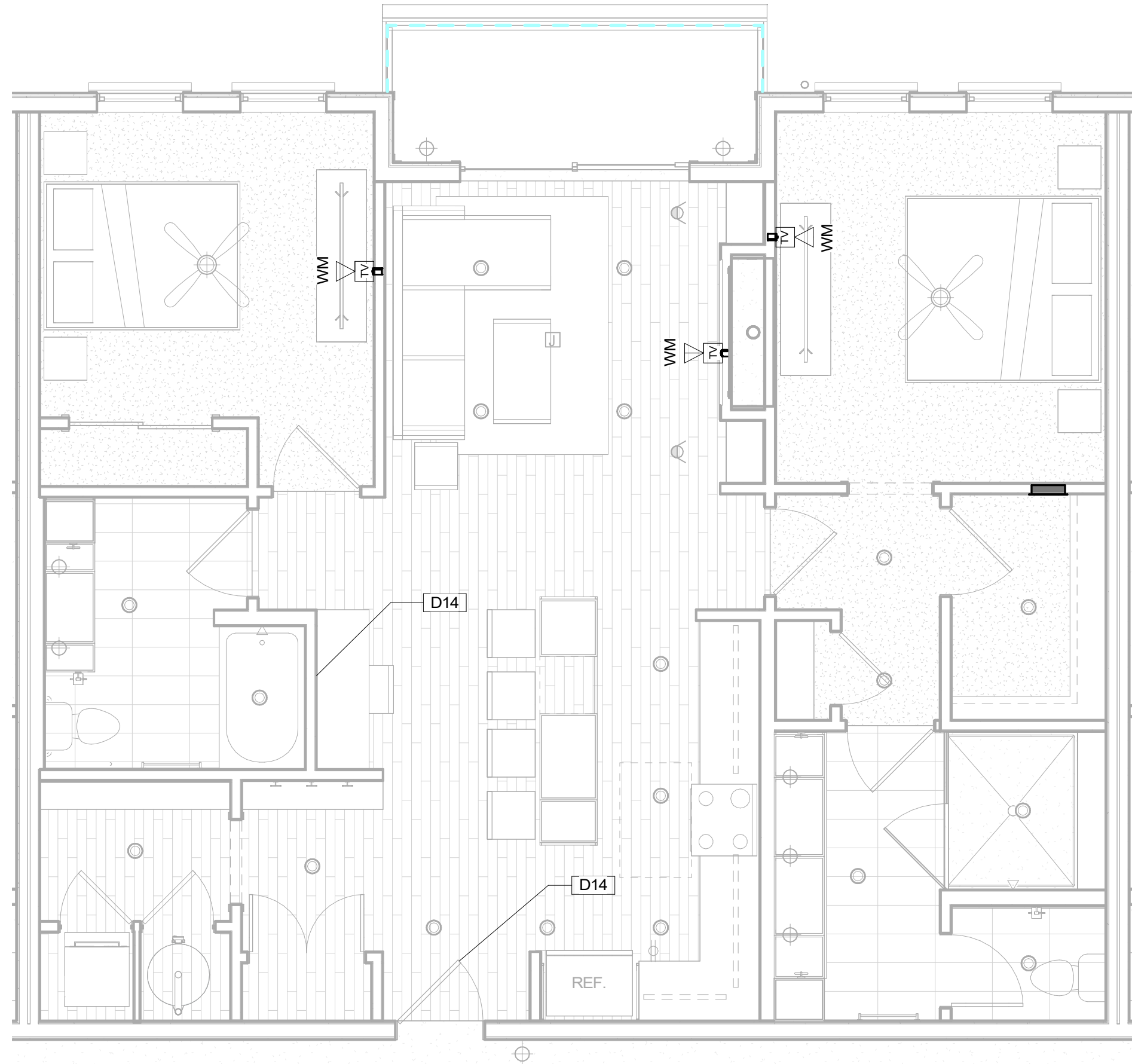
DATACOMM/NETWORK
SYSTEM UNIT PLANS

SHEET NUMBER:

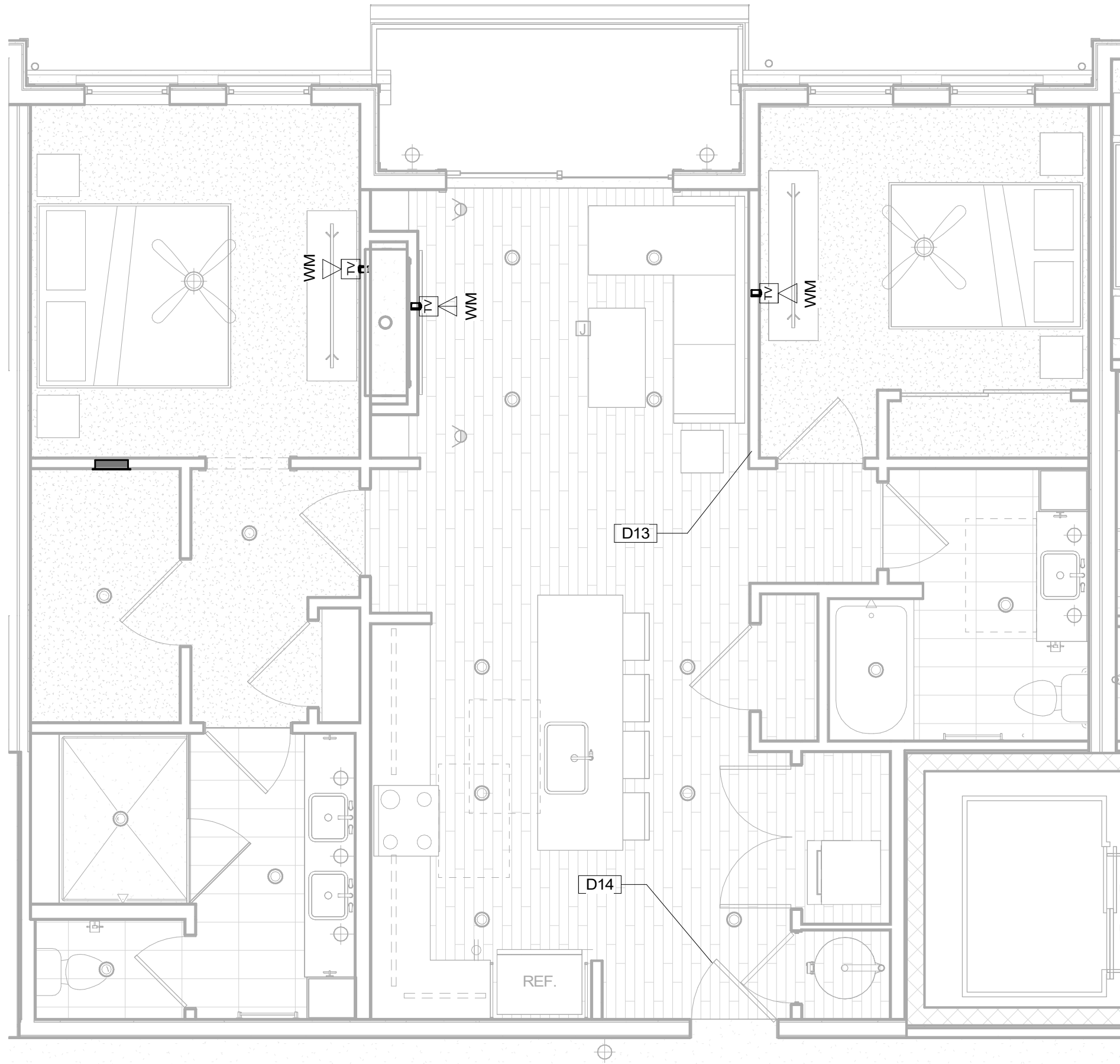
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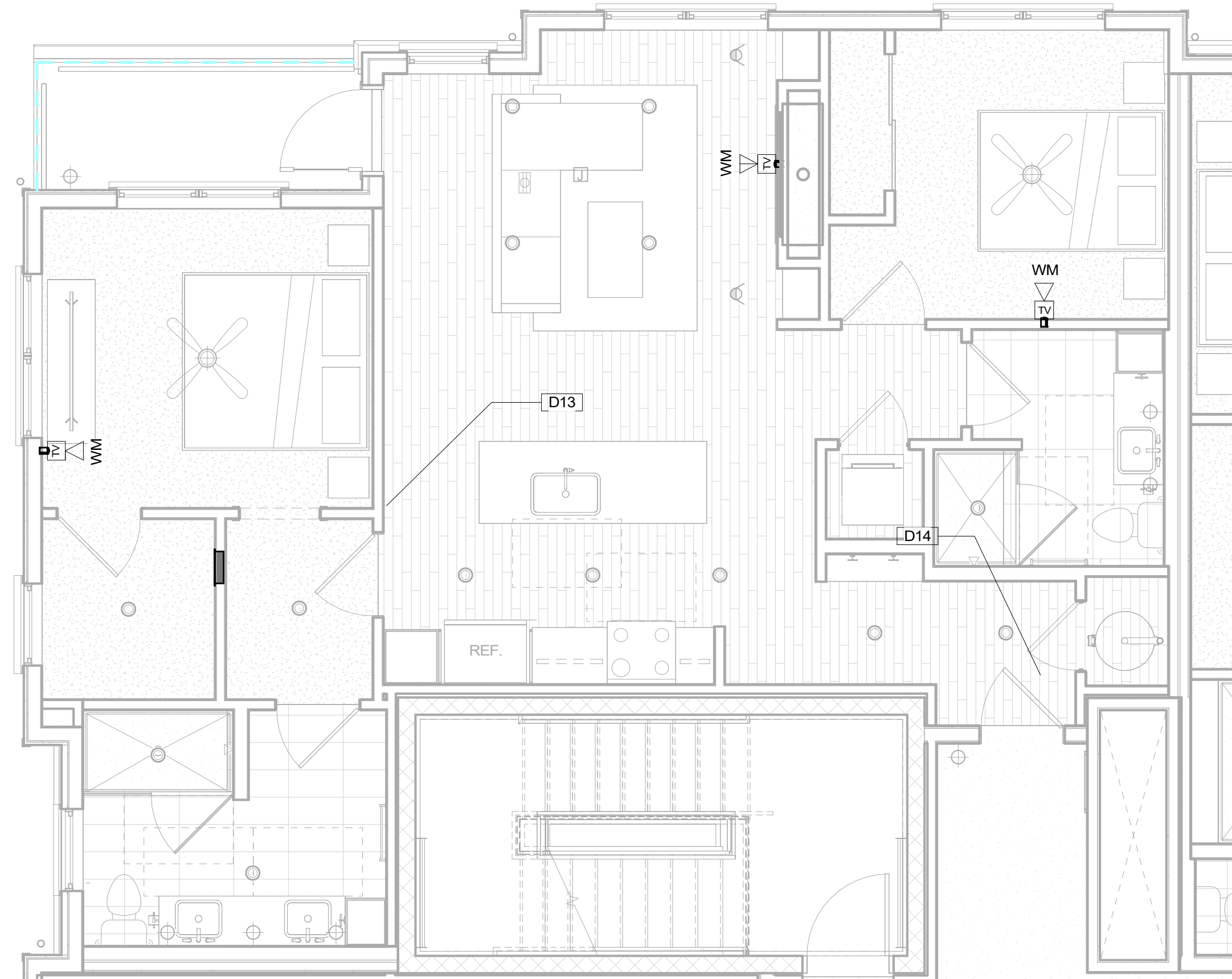
4 UNIT 2D-A -DATACOMM/NETWORK SYSTEM LAYOUT
1/4" = 1'-0"



3 UNIT 2C-B -DATACOMM/NETWORK SYSTEM LAYOUT
1/4" = 1'-0"



2 UNIT 2B-B -DATACOMM/NETWORK SYSTEM LAYOUT
1/4" = 1'-0"



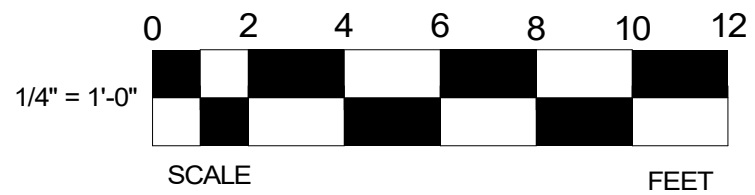
1 UNIT 2A-B -DATACOMM/NETWORK SYSTEM LAYOUT
1/4" = 1'-0"

DATACOMM/NETWORK PLAN SYMBOL LEGEND:	
SYMBOL	DATACOMM/NETWORK SYSTEM DEVICE DESCRIPTION
	DATA OUTLET (WALL MOUNTED / FLOOR OUTLET)
	DUAL DATA OUTLET (WALL MOUNTED / FLOOR OUTLET)
	DATA+VOICE OUTLET (WALL MOUNTED / FLOOR OUTLET)
	DATA+VIDEO OUTLET (WALL MOUNTED / FLOOR OUTLET)
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DATACOMM UNIT GENERAL NOTES

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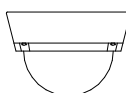
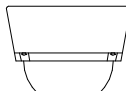
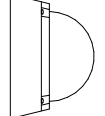
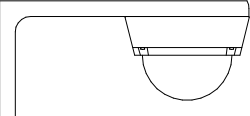

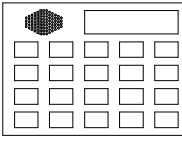
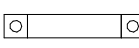
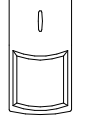

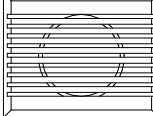
KEYNOTE LEGEND	
Key Value	Keynote Text
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REVISION	DATE	DELTA
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SECURITY SYSTEM DRAWING INDEX

SHEET NUMBER	SHEET DESCRIPTION	ISSUANCE TITLE	ISSUE DATE	REVISION TITLE	REVISION DATE
Technology Set - Security System					
A-TS000	SECURITY SYSTEM COVER SHEET	50% CD SET	03/31/23		
A-TS001	SECURITY SYSTEM MOUNTING HEIGHTS	50% CD SET	03/31/23		
A-TS201	BLDG A LEVEL 1 - SECURITY SYSTEM LAYOUT	50% CD SET	03/31/23		
TS801	ACCESS CONTROL SYSTEM DOOR DETAILS	50% CD SET	03/31/23		
TS802	ACCESS CONTROL SYSTEM GATE DETAILS	50% CD SET	03/31/23		
TS803	CCTV SYSTEM DETAILS	50% CD SET	03/31/23		
TS900	ACCESS CONTROL SYSTEM DOOR	50% CD SET	03/31/23		
TS901	LOCK SCHEDULE	50% CD SET	03/31/23		
TS902	CCTV SCHEDULE & DIAGRAM	50% CD SET	03/31/23		

SECURITY PLAN SYMBOL LEGEND:			
SYMBOL	ELEVATION	CCTV SYSTEM DEVICE DESCRIPTION:	DEVICE REQUIRED CABLING:
<div>NVR</div>		CCTV SYSTEM NETWORK VIDEO RECORDER (NVR) (MOUNTED IN EQUIPMENT RACK) - REQUIRED POWER: 1 DUPLEX OUTLET	1-CAT6 TO NETWORK PATCH PANEL
<div><div>1-1</div></div>		CEILING MOUNTED FIXED POSITION POE I.P. DOME CAMERA (LEVEL - CAMERA NUMBER)	1-CAT6 TO ASSOCIATED POE PATCH PANEL
<div><div>2-1</div></div>		CEILING MOUNTED PAN, TILT, ZOOM (PTZ) POE I.P. DOME CAMERA (LEVEL - CAMERA NUMBER)	1-16/2 STRANDED FOR POWER & 1-CAT6 TO ASSOCIATED POE PATCH PANEL
<div><div>1-2</div></div>		WALL MOUNTED FIXED POSITION POE I.P. DOME CAMERA (LEVEL - CAMERA NUMBER)	1-CAT6 TO ASSOCIATED POE PATCH PANEL
<div><div>2-2</div></div>		WALL MOUNTED PAN, TILT, ZOOM (PTZ) POE I.P. DOME CAMERA (LEVEL - CAMERA NUMBER)	1-16/2 STRANDED FOR POWER & 1-CAT6 TO ASSOCIATED POE PATCH PANEL
<div>J</div>	SIZING AS NEEDED	CCTV SYSTEM J-BOX	2-GANG BOX FOR ACCESS TO CCTV DEVICE FROM CONDUIT
INTRUSION DETECTION SYSTEM DEVICE DESCRIPTION:			
		INTRUSION DETECTION SYSTEM DEVICE DESCRIPTION:	DEVICE REQUIRED CABLING:
<div>IDC</div>		INTRUSION DETECTION SYSTEM CONTROLLER (WALL MOUNTED)	1-CAT6 TO PHONE BLOCK IN ASSOCIATED IDF ROOM - REQUIRED POWER: 1 DUPLEX OUTLET
<div>KP</div>		INTRUSION DETECTION KEYPAD (WALL MOUNTED WITH BUTTONS AT A.D.A. ACCESSIBLE HEIGHT)	1-22/4 STRANDED TO INTRUSION DETECTION SYSTEM CONTROLLER (IDC)
<div>DC</div>		DOOR CONTACT (MOUNTED TO DOOR FRAME)	1-22/4 STRANDED TO INTRUSION DETECTION SYSTEM CONTROLLER (IDC)
<div>MS</div>		MOTION SENSOR (WALL MOUNTED)	1-22/4 STRANDED TO INTRUSION DETECTION SYSTEM CONTROLLER (IDC)
<div>VS</div>		VIBRATION SENSOR (WALL MOUNTED)	1-22/4 STRANDED TO INTRUSION DETECTION SYSTEM CONTROLLER (IDC)
<div>S</div>		INTRUSION DETECTION SIREN (AT KEYPAD OR WALL MOUNTED)	1-16/2 STRANDED TO INTRUSION DETECTION SYSTEM CONTROLLER (IDC)

PROJECT ARCHITECT

TECHNOLOGY CONSULTANT



EVERBASE
SOLUTIONS
DENVER | CO

O: 855-255-5521
WWW.EVERBASESOLUTIONS.COM

PROJECT INFORMATION

BLDG A 4TH STREET CONDOS
47 W 5TH STREET SILVERTHORNE, CO

ORIGINAL ISSUANCE: 50% CD SET
NOT FOR CONSTRUCTION
REVISIONS

DATE: 03/31/23

REVISION	DATE	DELTA

SYSTEM DESIGNER: AD/AF

SYSTEM REVIEWER: LR

ECS JOB NUMBER: ES-3247

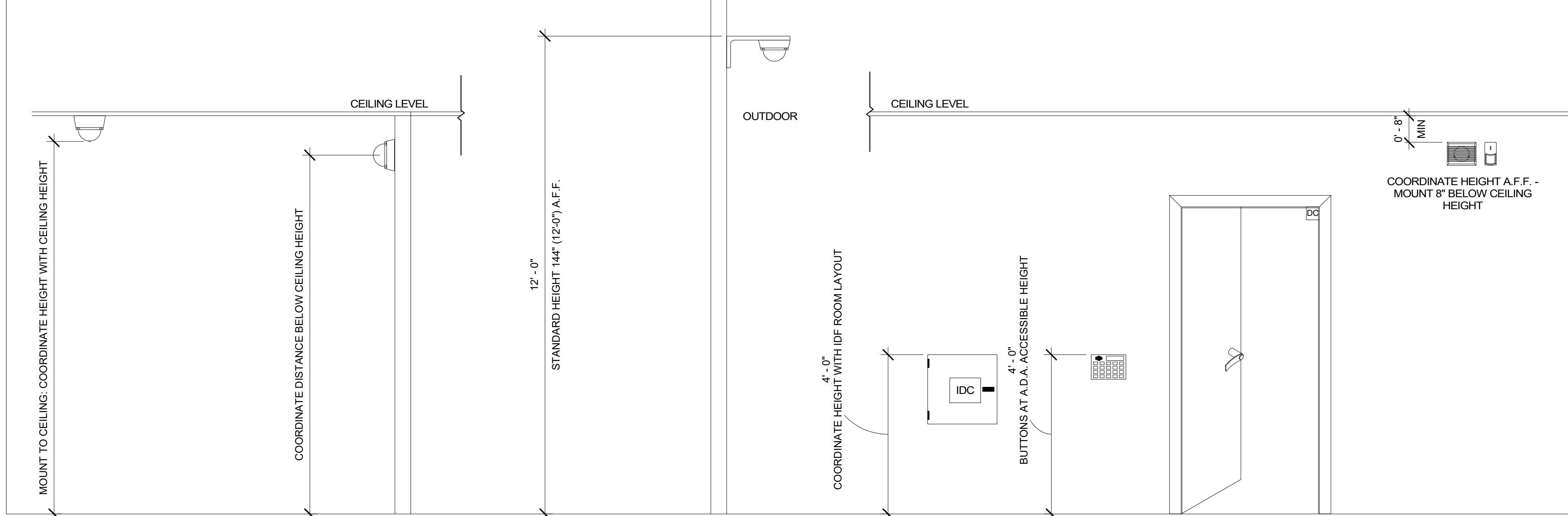
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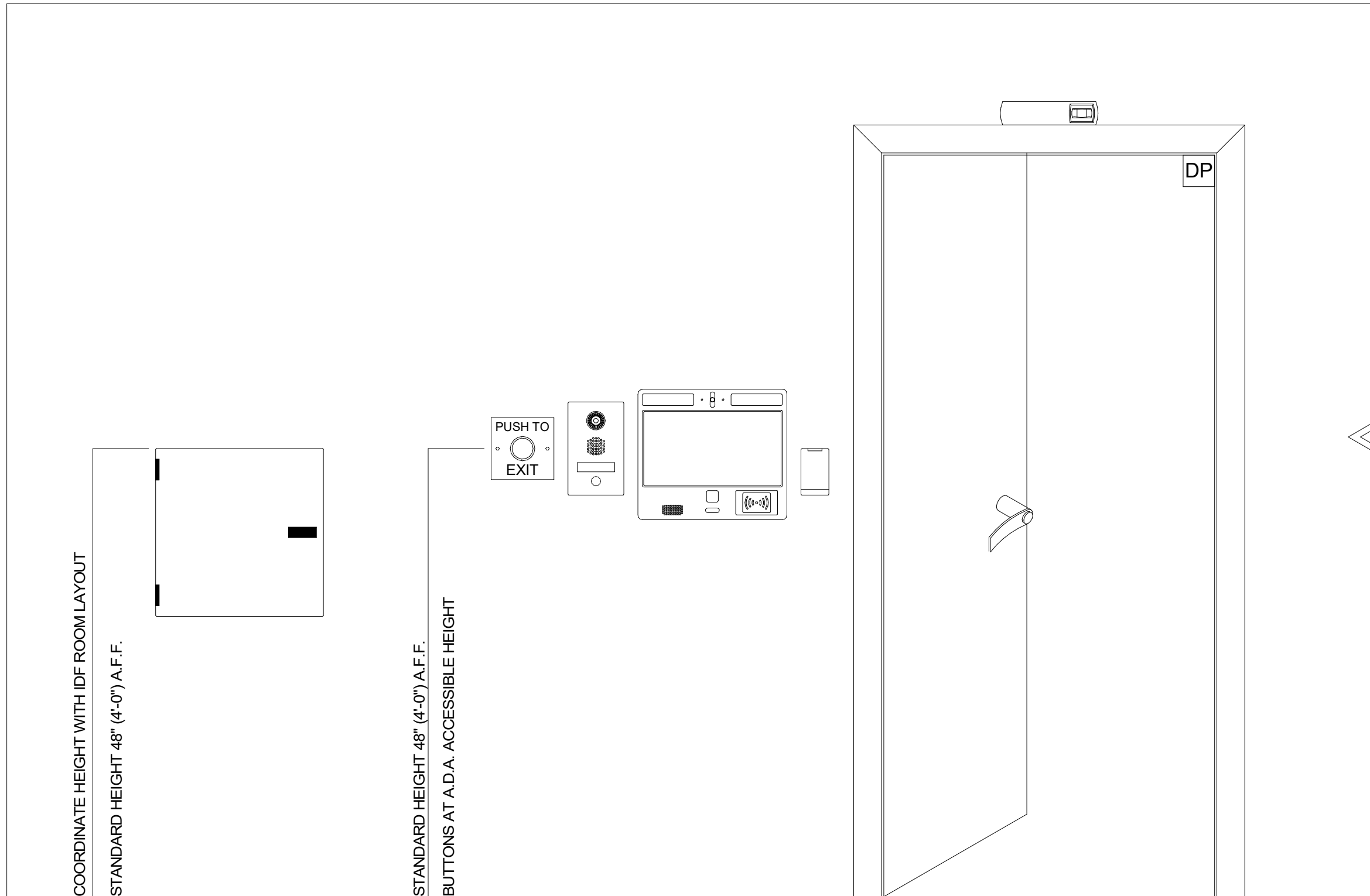
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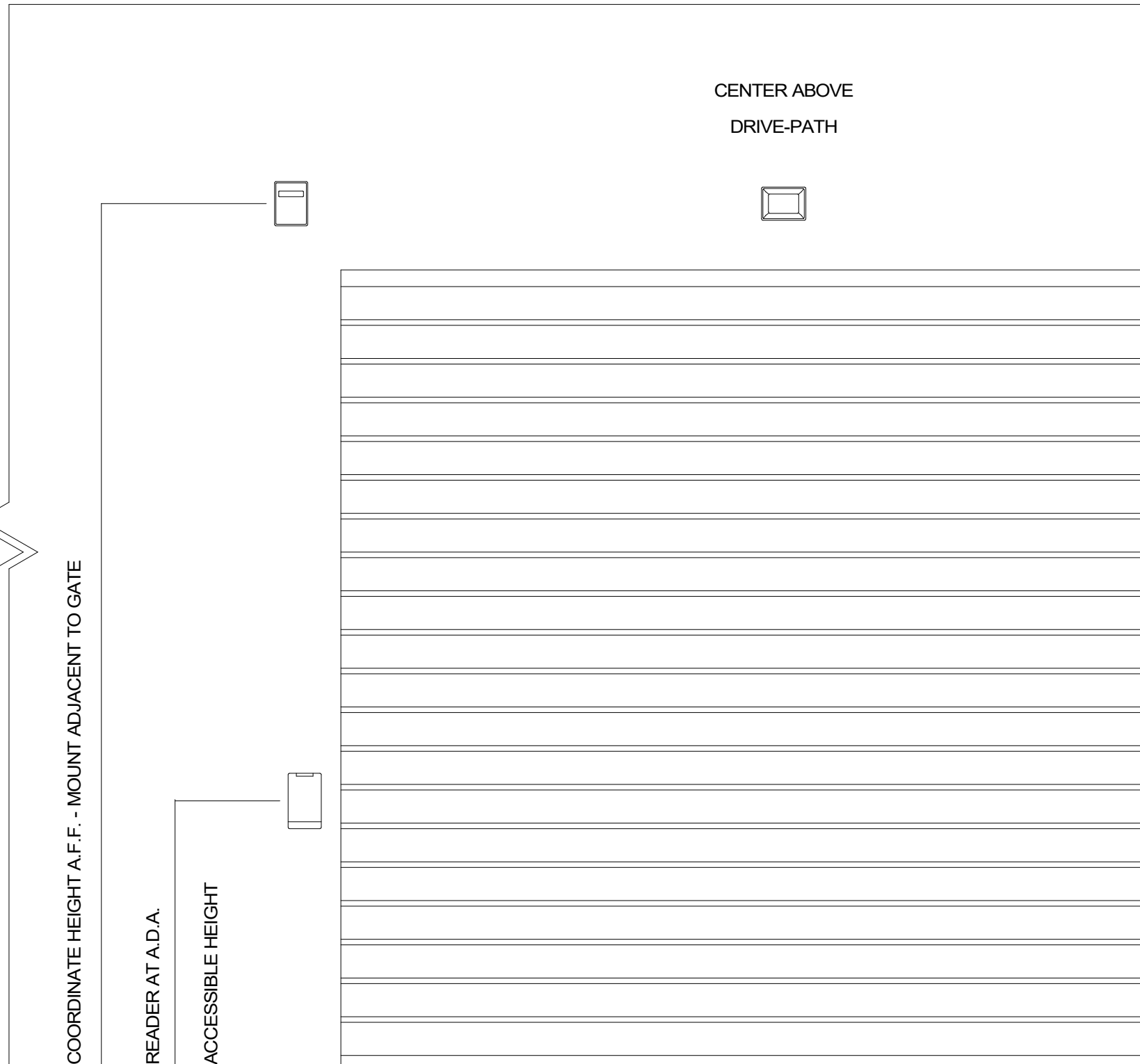
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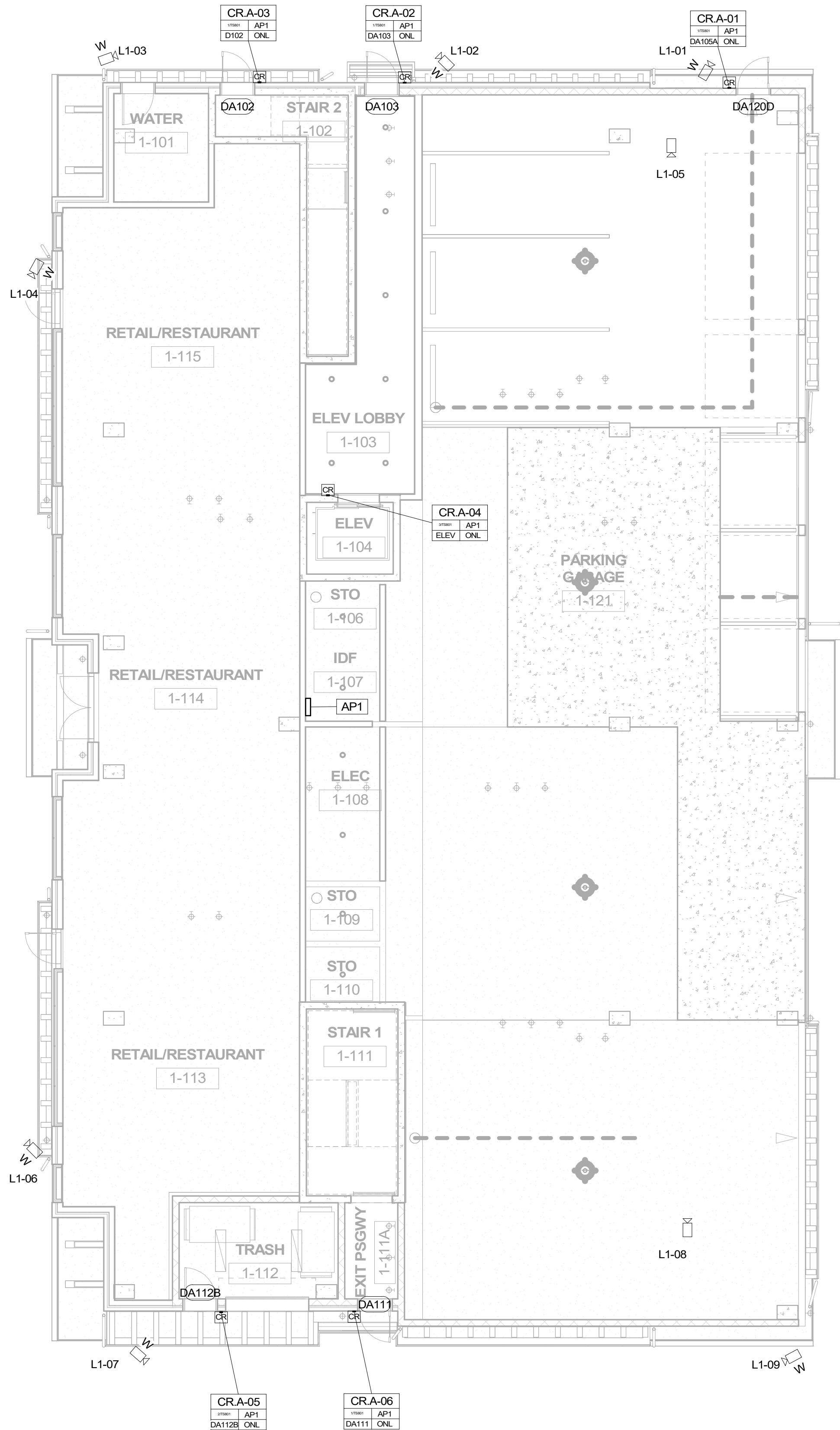


STANDARD PEDESTRIAN DOOR DEVICE MOUNTING HEIGHTS:



STANDARD VEHICLE GATE DEVICE MOUNTING HEIGHTS:





1 BLDG A LEVEL 1 - SECURITY SYSTEM LAYOUT
1/8" = 1'-0"

ACCESS CONTROL PLAN SYMBOL LEGEND:	
SYMBOL	ACCESS CONTROL SYSTEM DEVICE DESCRIPTION:
AP#	ACCESS CONTROL PANEL & POWER SUPPLY (WALL MOUNTED) - REQUIRED POWER: 1 DUPLEX OUTLET
CR	CREDENTIAL READER
DP	DOOR POSITION SENSOR (MOUNTED TO DOOR FRAME)
EB	REQUEST TO EXIT BUTTON (WALL MOUNTED WITH BUTTON AT A.D.A. ACCESSIBLE HEIGHT)
IC	INTERCOM (WALL MOUNTED WITH CALL BUTTON AT A.D.A. ACCESSIBLE HEIGHT)
PS	DOOR HARDWARE POWER SUPPLY - COORDINATE REQUIRED POWER & MOUNTING WITH ELEC. CONTRACTOR (MUST BE ACCESSIBLE FOR MAINT.)
REX	REQUEST TO EXIT MOTION SENSOR (WALL MOUNTED, CENTERED ABOVE DOOR)
ITE	DIGITAL VISITOR ENTRY SYSTEM WITH VIDEO CAPABILITY
UHF	ULTRA-HIGH FREQUENCY (UHF) RECEIVER FOR VEHICLE GATE (WALL MOUNT WITH LINE-OF-SITE TO DRIVE-PATH)
CREDENTIAL READER (WALL MOUNTED)	
CR-1-01	CR-LEVEL-READER NUMBER
AP1	ACCESS CONTROL PANEL NUMBER
DA102	READER FUNCTION: ONLINE (ONL) / STAND-ALONE (SA)
DA104	ARCHITECTURAL DOOR NUMBER
DA105A	LOCK FUNCTION DETAIL LOCATION

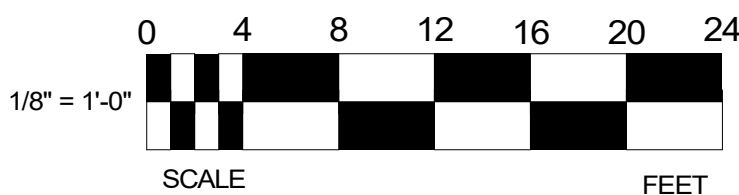
SECURITY PLAN SYMBOL LEGEND:	
SYMBOL	CCTV SYSTEM DEVICE DESCRIPTION:
NVR	CCTV SYSTEM NETWORK VIDEO RECORDER (NVR) (MOUNTED IN EQUIPMENT RACK) - REQUIRED POWER: 1 DUPLEX OUTLET
NS	POE NETWORK SWITCH (MOUNTED IN EQUIPMENT RACK) - REQUIRED POWER: 1 DUPLEX OUTLET
1-1	CEILING MOUNTED FIXED POSITION POE I.P. DOME CAMERA (LEVEL - CAMERA NUMBER)
2-1	CEILING MOUNTED PAN, TILT, ZOOM (PTZ) POE I.P. DOME CAMERA (LEVEL - CAMERA NUMBER)
1-2	WALL MOUNTED FIXED POSITION POE I.P. DOME CAMERA (LEVEL - CAMERA NUMBER)
2-2	WALL MOUNTED PAN, TILT, ZOOM (PTZ) POE I.P. DOME CAMERA (LEVEL - CAMERA NUMBER)
J	CCTV SYSTEM J-BOX
INTRUSION DETECTION SYSTEM DEVICE DESCRIPTION:	
IDC	INTRUSION DETECTION SYSTEM CONTROLLER (WALL MOUNTED)
KP	INTRUSION DETECTION KEYPAD (WALL MOUNTED WITH BUTTONS AT A.D.A. ACCESSIBLE HEIGHT)
DC	DOOR CONTACT (MOUNTED TO DOOR FRAME)
MS	MOTION SENSOR (WALL MOUNTED)
VS	VIBRATION SENSOR (WALL MOUNTED)
AS	INTRUSION DETECTION SIREN (AT KEYPAD OR WALL MOUNTED)

SECURITY SYSTEM PLAN NOTES

- REFER TO TS-000 FOR STANDARD SECURITY DEVICE MOUNTING HEIGHTS
- REFER TO SECURITY DETAILS SHEETS SYSTEM DIAGRAMS
- CABLE & CONDUIT ROUTING SUBJECT TO CHANGE BASED ON FIELD CONDITIONS
- ELECTRICAL CONTRACTOR TO PROVIDE POWER AS SPECIFIED
- ELECTRICAL CONTRACTOR TO PROVIDE CONDUIT AT SPECIFIED
- ALL CABLING IS TO BE ROUTED THROUGH DESIGNATED CONDUIT, SLEEVING & PULL BOX BY INSTALLING CONTRACTOR
- FAIL SAFE LOCATIONS REQUIRE POWER TO REMAIN LOCKED - DOOR SHALL UNLOCK WHILE REMAINING LATCHED WHEN POWER IS REMOVED BY ACCESS CONTROL PANEL VIA A POWER OUTAGE OR FIRE ALARM EVENT
- DOOR NUMBERS ON THE ARCHITECTURAL PLANS SUPERSEDE ANY DOOR NUMBERS ON THESE PLANS. RE: ARCH FOR ANY DISCREPANCIES
- ALL COMMON AREA ACCESS CONTROL SYSTEMS MUST BE COMPATIBLE WITH ANY OTHER ACCESS CONTROL SOLUTION, INCLUDING UNIT DOORS, TELE-ENTRY PRODUCT AND SITE GATES.
- ACCESS CONTROL SYSTEM IS TO BE INTEGRATED WITH THE VIDEO MANAGEMENT SYSTEM, TYP. WINDOW-TAG (TOLL-TAG) STYLE CREDENTIAL TO BE UTILIZED AT VEHICLE GATES WITH UHF RECEIVERS
- ARCHITECT TO COORDINATE ELEVATOR TRAVEL CABLE REQUIREMENTS WITH ELEVATOR CONTRACTOR TO SUPPORT CALL-BUTTON, IN-CAB CREDENTIAL READER, AND IN-CAB CAMERA PER DESIGN
- ONE CREDENTIAL (FOB) TO BE UTILIZED FOR BOTH ELECTRIFIED UNIT LOCKS & COMMON AREA LOCKS
- PHONE-BASED APP AS CREDENTIAL TO BE UTILIZED FOR BOTH ELECTRIFIED UNIT LOCKS & COMMON AREA LOCKS
- TELE ENTRY COMPONENT(S) TO BE COMPATIBLE WITH APP-BASED VIDEO PLATFORM UNLESS OTHERWISE SPECIFIED
- GARAGE REMOTE STYLE CREDENTIAL TO BE UTILIZED AT VEHICLE GATES WITH RF RECEIVERS
- RE: TS-002 FOR TYPICAL WALL MOUNTED AND FLOOR MOUNTED RACK ELEVATIONS. THESE ARE TYPICAL ARRANGEMENTS AND ARE NOT SPECIFIC TO EACH PROJECT, IT IS UP TO THE INSTALLER TO DETERMINE AND BID THE RACK COMPONENTS TO MEET SYSTEM FUNCTIONALITY REQUIREMENTS.

KEYNOTE LEGEND

Key Value	Keynote Text
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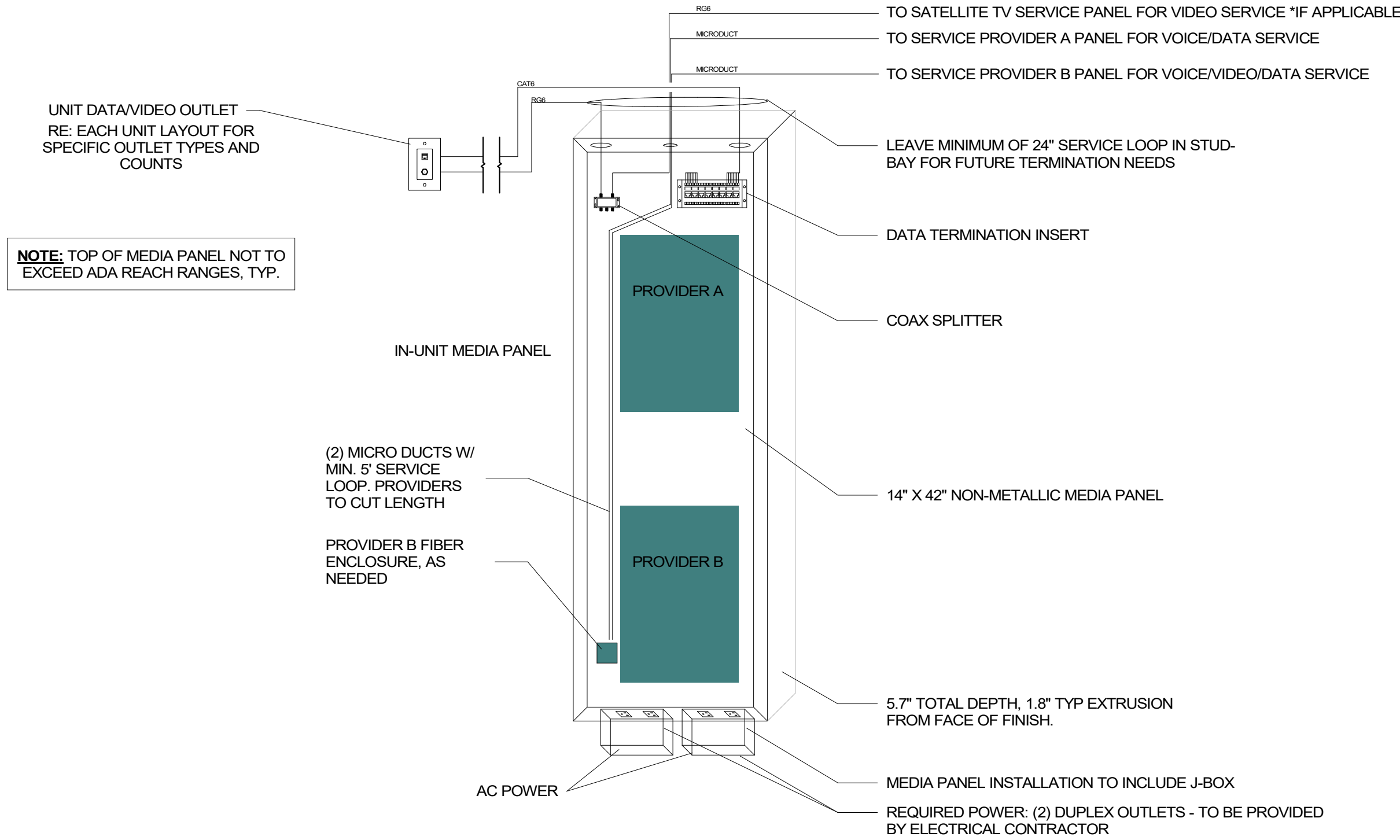


BLDG A 4TH STREET CONDOS

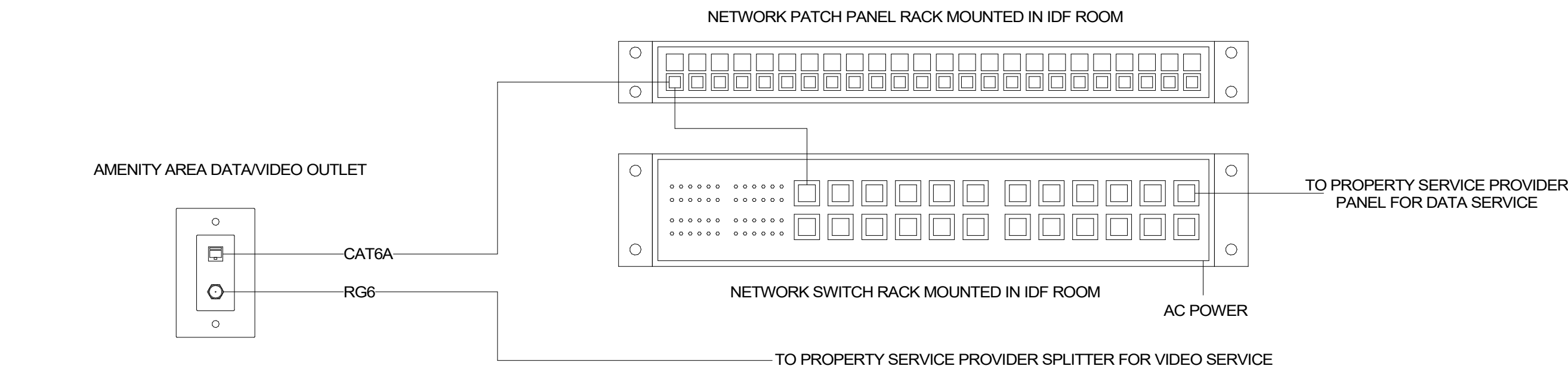
47 W 5TH STREET SILVERTHORNE, CO

REVISIONS

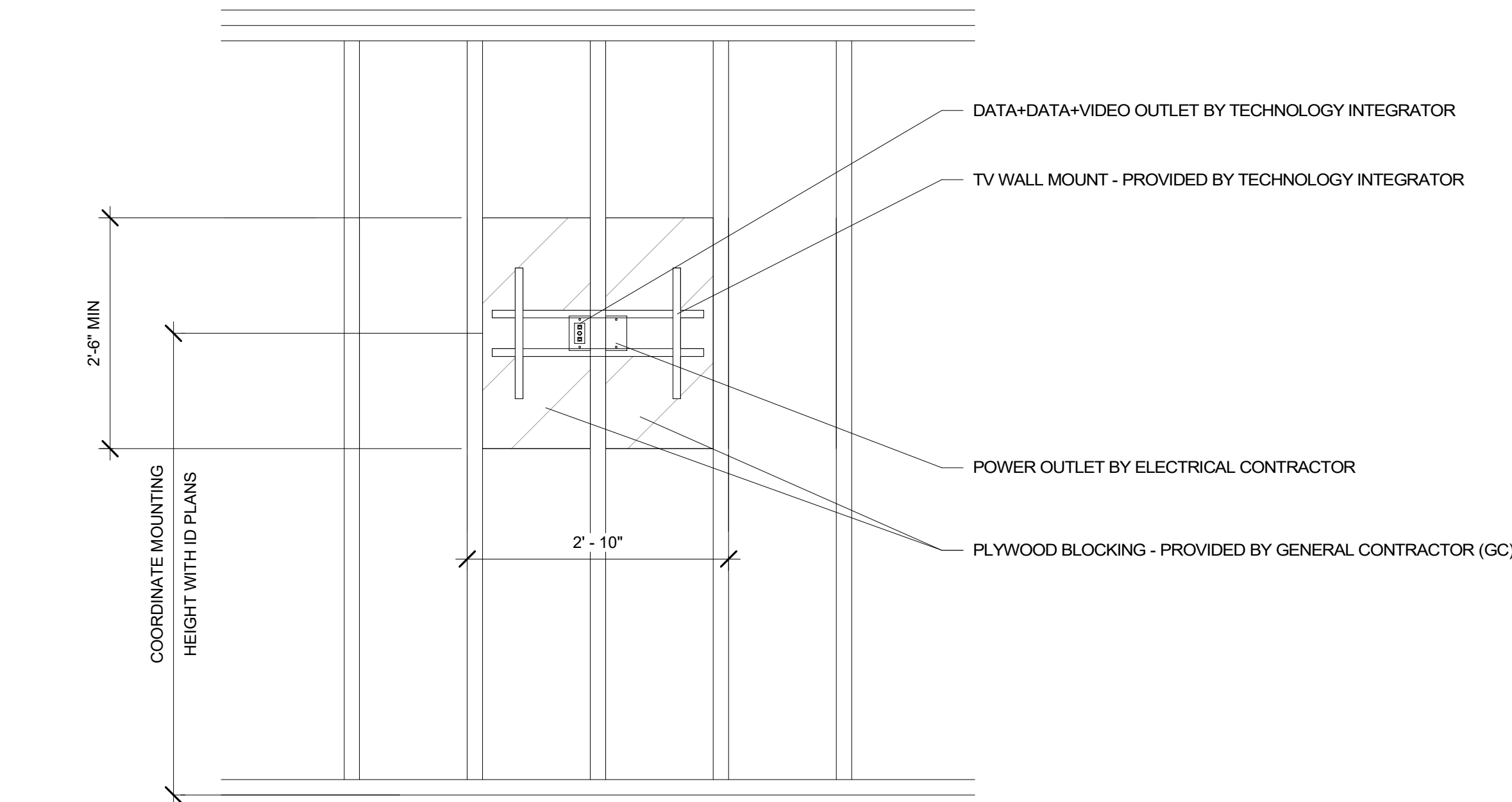
REVISION	DATE	DELTA
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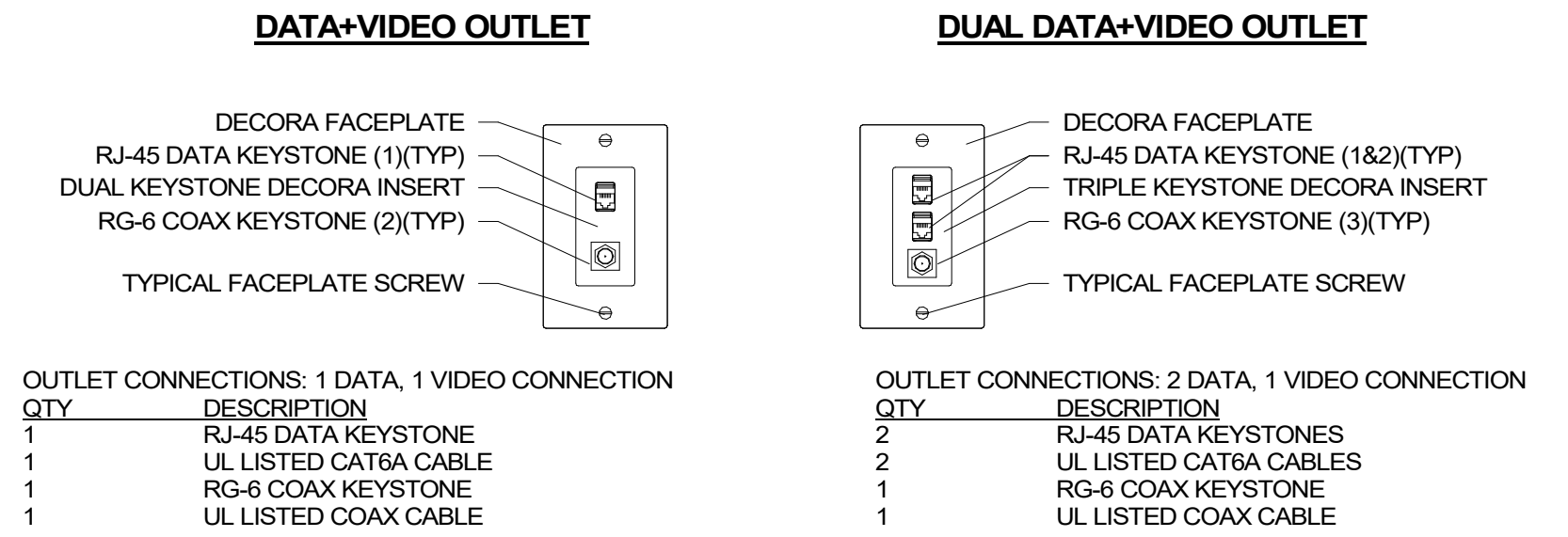
7 14 X 42 NON-METALLIC MEDIA PANEL DIAGRAM NTS



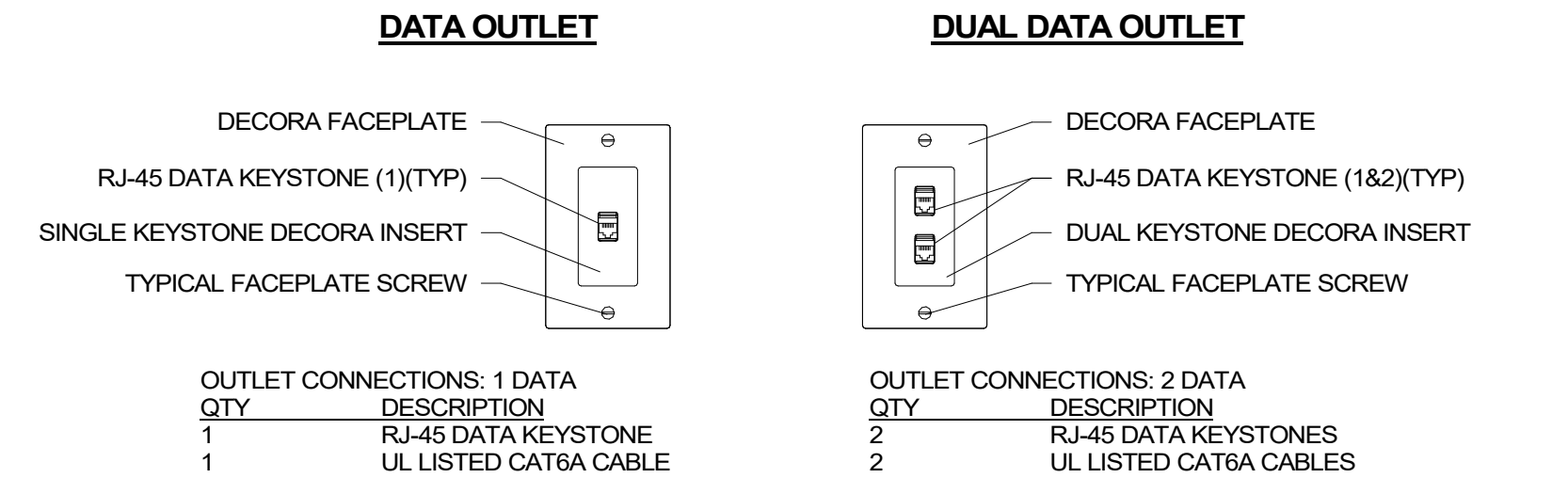
6 COMMON AREA OUTLET CONNECTIVITY DIAGRAM NTS



5 WALL MOUNTED TV BLOCKING DETAIL NTS

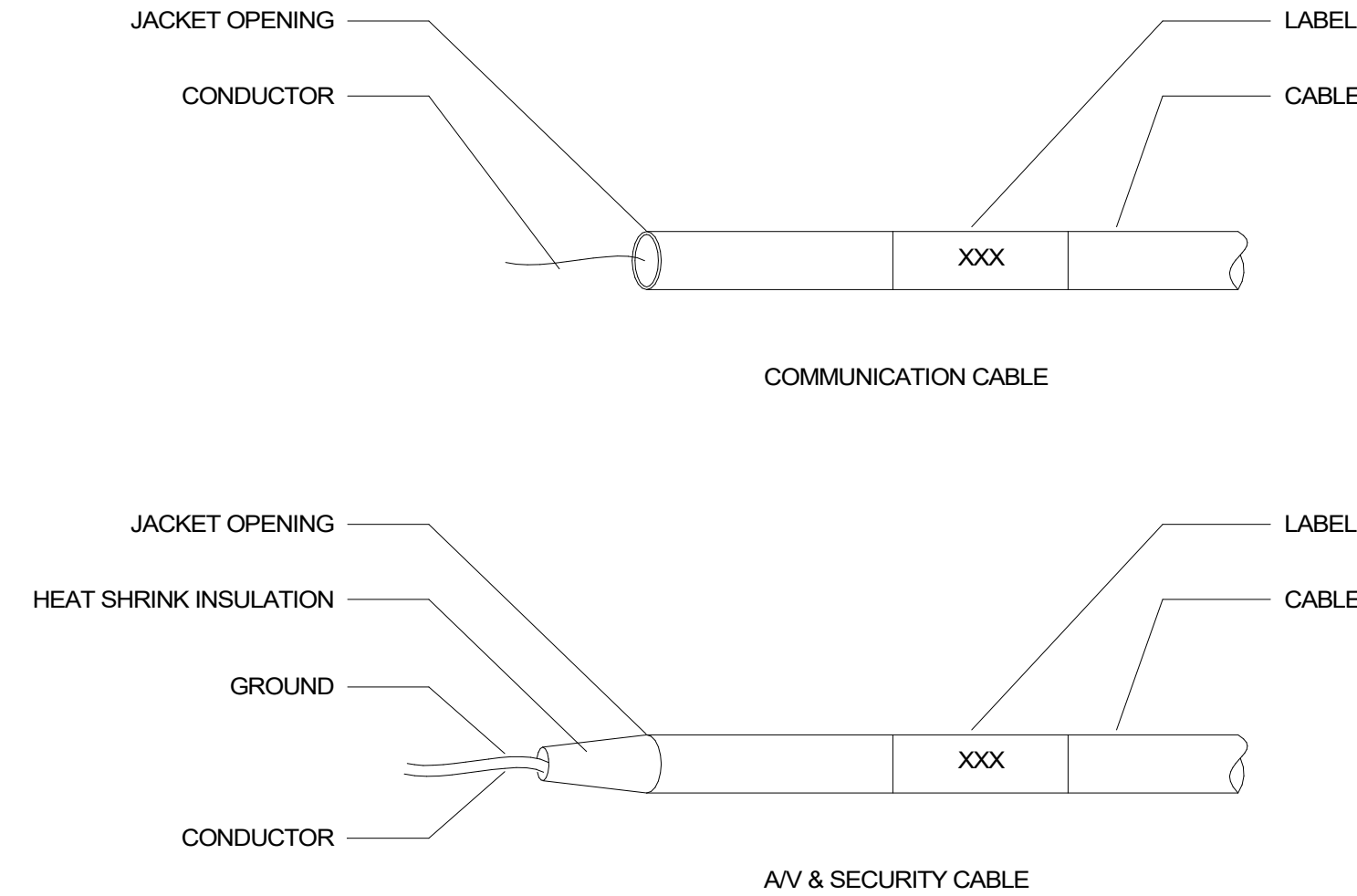


4 RESIDENTIAL DATA & VIDEO FACEPLATE DETAILS NTS

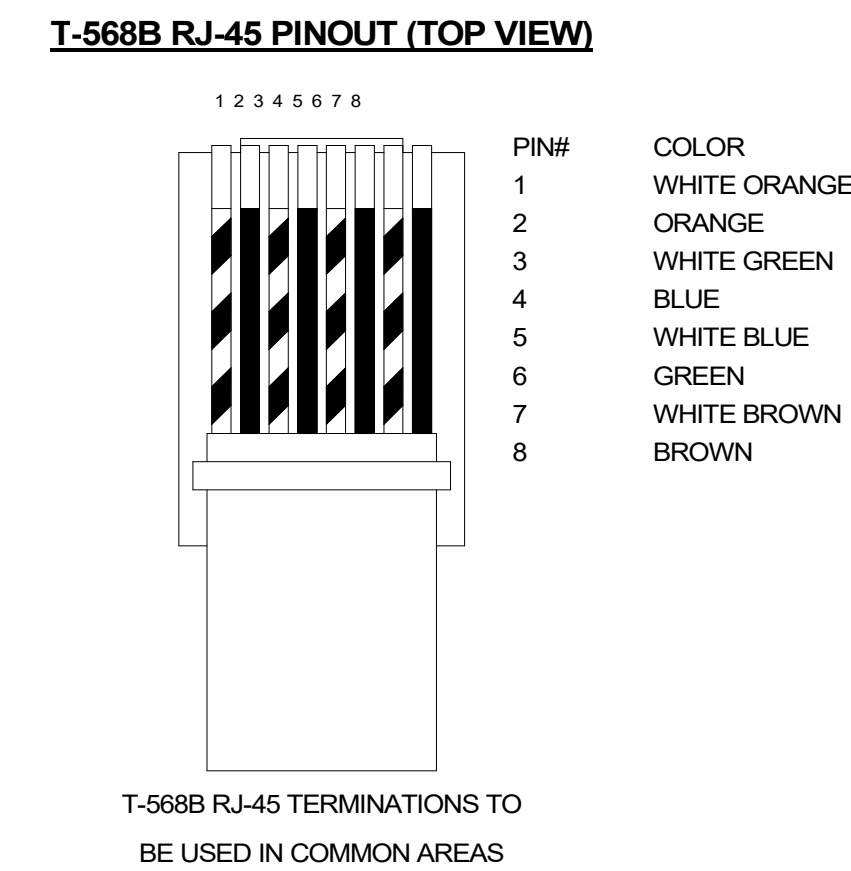


3 RESIDENTIAL DATA FACEPLATE DETAILS NTS

- GENERAL NOTES:**
- ALL SYSTEM CABLES OUTSIDE OF CONDUIT SHALL BE SUPPORTED WITHIN CEILING SPACES, UNDER FLOOR SPACES, ALONG WALLS & WITHIN EQUIPMENT RACKS. PROVIDE THERMAL TRANSFER/SELF LAMINATING TYPE LABELS LOCATED 2" FROM EACH TERMINATED END. PROVIDE CLEAR HEAT SHRINK FOR ALL TERMINATED GROUND CONDUCTORS. FOR ALL UNTERMINATED GROUND CONDUCTORS, CUT BACK TO JACKET OPENING AND COVER W/ HEAT SHRINK.
 -
 -



2 CABLE DRESS REQUIREMENTS NTS

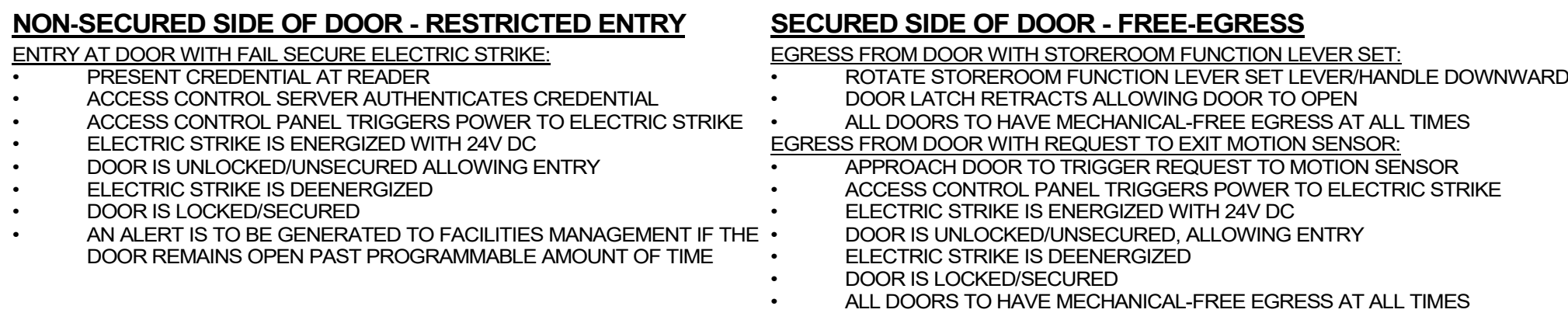


1 RJ-45 PINNING & LABELING DETAIL NTS

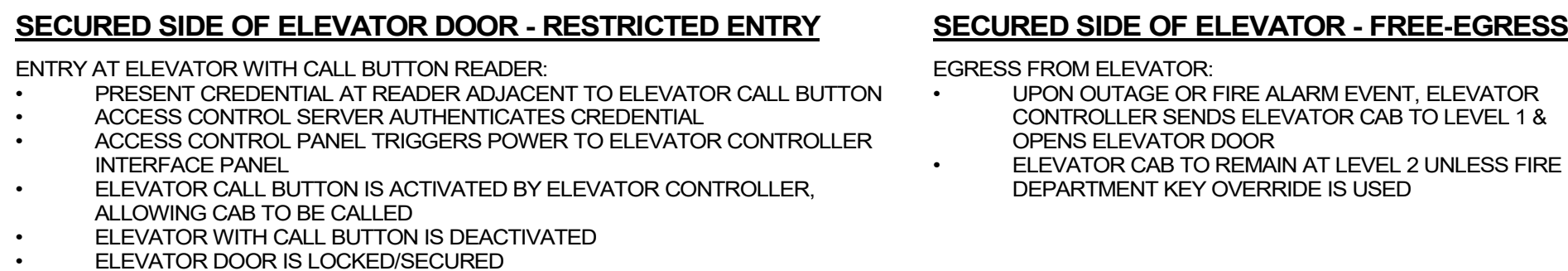
DATACOMM/NETWORK SYSTEM PLAN SYMBOL LEGEND	
SYMBOL	DESCRIPTION
NS	POE NETWORK SWITCH (MOUNTED IN EQUIPMENT RACK) - REQUIRED POWER: 1 DUPLEX OUTLET
PP	NETWORK PATCH PANEL (MOUNTED IN EQUIPMENT RACK)
FS	NETWORK ETHERNET FIBER SWITCH (LOCATED IN EQUIPMENT RACK) - REQUIRED POWER: 1 DUPLEX OUTLET
NVR	CCTV SYSTEM NETWORK VIDEO RECORDER (NVR) (MOUNTED IN EQUIPMENT RACK) - REQUIRED POWER: 1 DUPLEX OUTLET
AV	AV EQUIPMENT RACK (SEE ZONE DESCRIPTION FOR MOUNTING) - REQUIRED POWER: 1 FOURPLEX OUTLET ON DEDICATED CIRCUIT
IDC	INTRUSION DETECTION SYSTEM CONTROLLER (WALL MOUNTED) - REQUIRED POWER: 1 DUPLEX OUTLET
AP#	ACCESS CONTROL PANEL & POWER SUPPLY (WALL MOUNTED) - COORDINATE REQUIRED POWER WITH ELECTRICAL CONTRACTOR

DATACOMM GENERAL NOTES

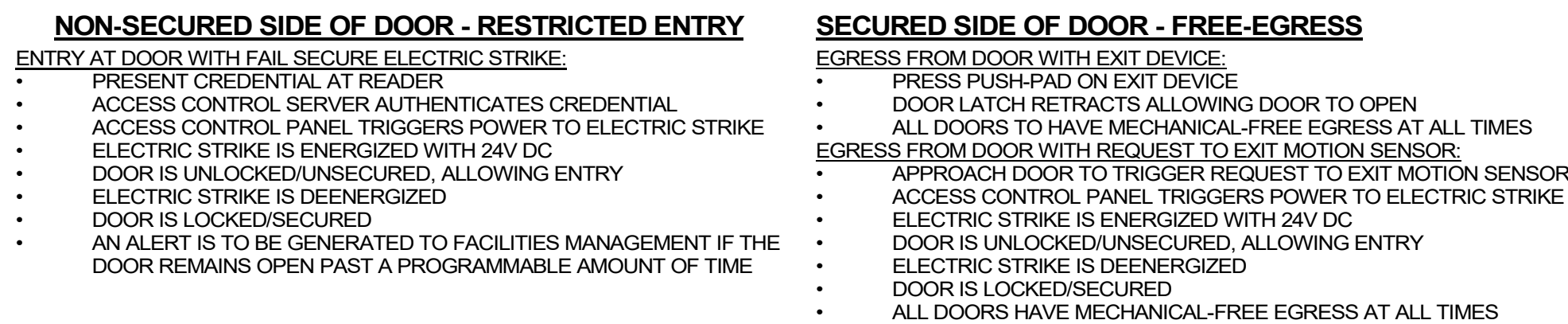
- REFER TO SHEET TD-000 FOR STANDARD DATACOMM/NETWORK DEVICE CABLING REQUIREMENTS & MOUNTING HEIGHTS. RE: TIS-002 FOR TYPICAL WALL MOUNTED AND FLOOR MOUNTED RACK ELEVATIONS. THESE ARE TYPICAL ARRANGEMENTS AND ARE NOT SPECIFIC TO EACH PROJECT. IT IS UP TO THE INSTALLER TO DETERMINE AND BID THE RACK COMPONENTS TO MEET SYSTEM FUNCTIONALITY REQUIREMENTS.
- REFER TO DATACOMM/NETWORK ELEVATION & SECTION SHEETS FOR MDF/IDF ROOM LAYOUT & RISER ROUTING.
- REFER TO DATACOMM/NETWORK UNIT SHEETS FOR REQUIRED UNIT "HOME RUN" WIRING & IN-UNIT DATACOMM/NETWORK DEVICE LAYOUT. REFER TO DATACOMM/NETWORK DETAIL SHEETS FOR DATACOMM/NETWORK SYSTEM DETAIL & DIAGRAMS.
- RE: ELECTRICAL DRAWINGS & SPECIFICATIONS FOR FACEPLATE AND OUTLET COLORS, TYP. CABLE & CONDUIT ROUTING SUBJECT TO CHANGE BASED ON FIELD CONDITIONS. ELECTRICAL CONTRACTOR TO PROVIDE POWER AS SPECIFIED.
- ELECTRICAL CONTRACTOR TO PROVIDE BOTH TRENCH AND ABOVE GROUND CONDUIT AS SPECIFIED.
- ALL CABLING IS TO BE ROUTED THROUGH DESIGNATED CONDUIT, SLEEVING & PULL BOX BY INSTALLING CONTRACTOR.
- SERVICE PROVIDER & SYSTEMS NETWORK BACKBONE CONDUIT TO BE LIMITED TO 270" OF BENDS BETWEEN PULL POINTS & ALL 90° LATERAL BENDS TO BE 60" MINIMUM RADIUS.
- ELECTRICAL CONTRACTOR TO PROVIDE #6 COPPER GROUND AT EACH MDF/IDF ROOM - TO BE LOCATED ADJACENT TO THE SERVICE PROVIDER TERMINATIONS.
- UNIT TERMINATIONS MUST BE WIRED TO IDF AS INDICATED, PER THIS DESIGN. SHOULD UNITS BE WIRED TO A DIFFERENT IDF DUE TO FIELD CONDITIONS, EVERBASE CONSULTING SOLUTIONS IS TO BE IMMEDIATELY NOTIFIED AS THIS AFFECTS THE PROVIDER'S DESIGN.
- WIRELESS ACCESS POINTS TO PROVIDE PARTITIONED NETWORK ACCESS FOR PUBLIC & FOR SECURE STAFF-ONLY NETWORK ACCESS. BLOCKING REQUIRED AT ALL COMMON AREA TV LOCATIONS.
- COORDINATE ROUGH-IN OF ALL FLOOR OUTLETS WITH ELECTRICAL CONTRACTOR - CONDUIT IS TO BE ROUTED TO NEAREST WALL THAT EXTENDS TO AN ACCESSIBLE CEILING.
- MDF/IDF LAYOUTS ARE SCHEMATIC IN NATURE. ACTUAL INSTALLATION MAY VARY BASED ON FIELD CONDITIONS AND INTEGRATION MEANS AND METHODS.
- WHEN MULTIPLE CARRIERS ARE PRESENT IN AN MDF/IDF ROOM, EACH CARRIER'S HOME RUN CABLING SHALL BE IN SEPARATE SLEEVING.
- ALLOW 48" MIN. CLEARANCE BETWEEN ANY LOW VOLTAGE EQUIPMENT AND ELECTRICAL TRANSFORMERS PER THE LATEST VERSION OF TIA 569.
- ALLOW 36" MIN. CLEARANCE BETWEEN ANY LOW VOLTAGE EQUIPMENT AND ANY ELECTRICAL EQUIPMENT, PER THE LATEST VERSION OF TIA 569.
- PLYWOOD INSTALLED IN MDF/IDF ROOMS SHALL BE A/C GRADE AND FINISHED WITH TWO COATS OF FIRE-RETARDANT PAINT. PLYWOOD SHALL BE PAINTED PRIOR TO INSTALLATION OF ANY EQUIPMENT. PLYWOOD SHALL BE MOUNTED VERTICALLY WITH BOTTOM OF PLYWOOD MOUNTED (6 IN.) ABOVE THE FINISHED FLOOR AND ANY FIRE RATING STAMPS VISIBLE AT ALL TIMES.
- ANY ELECTRIC VEHICLE CHARGING STATIONS TO BE CELLULAR DATA CONNECTION CAPABLE UNLESS OTHERWISE NOTED, TYP.
- HEATING AND COOLING OF MDF/IDF ROOMS ARE TO BE DETERMINED ON A CASE-BY-CASE BASIS, BUT IT IS TYPICAL THAT A SPLIT DUCT SYSTEM IS SERVICING THE MDF AND IDF ROOMS WITH ONLY SERVICE PROVIDER EQUIPMENT CAN BE SERVICED WITH TRANSFER FANS.
- RE: MEP DRAWINGS FOR PLENUM SPACES AND AVAILABILITY TO ENSURE SPACE REQUIREMENTS ARE MET. ANY OR ALL SHAFTS ARE IN USE BY MEP TYP. DO NOT PLAN ON USE OF SHAFT UNLESS TECHNOLOGY DESIGN INDICATES A SPECIFIC SHAFT IS TO BE USED.



2 ELECTRIC STRIKE W/ STORE ROOM FUNCTION
NTS



3 ELEVATOR CALL BUTTON READER
1/4" = 1'-0"



1 ELECTRIC STRIKE W/ EXIT DEVICE
NTS

SECURITY SYSTEM PLAN NOTES

1. REFER TO TS-000 FOR STANDARD SECURITY DEVICE MOUNTING HEIGHTS
2. REFER TO SECURITY DETAILS SHEETS SYSTEM DIAGRAMS
3. CALL OUT CONDUIT ROUTING SUBJECT TO CHANGE BASED ON FIELD CONDITIONS
4. ELECTRICAL CONTRACTOR TO PROVIDE POWER AS SPECIFIED
5. ELECTRICAL CONTRACTOR TO PROVIDE CONDUIT AT SPECIFIED HEIGHTS
6. ALL CABLEING IS TO BE ROUTED THROUGH DESIGNATED CONDUIT, SLEEVING & PULL BOX BY INSTALLING CONTRACTOR
7. FAIL SAFE LOCATIONS REQUIRE POWER TO REMAIN LOCKED. DOOR SHALL UNLOCK WHILE REMAINING LATCHED WHEN POWER IS REMOVED BY ACCESS CONTROL PANEL VIA A POWER OUTAGE OR FIRE ALARM EVENT
8. DOOR NUMBERS ON THE ARCHITECTURAL PLANS SUPERSEDE ANY DOOR NUMBERS ON THESE PLANS. RE: 1. FOR ANY DISCREPANCY
9. ALL COMMON AREA ACCESS CONTROL SYSTEMS MUST BE COMPATIBLE WITH ANY OTHER ACCESS CONTROL SOLUTION, INCLUDING UNIT DOORS, TELE-ENTRY PRODUCT AND SITE GATES
10. ACCESS CONTROL SYSTEM IS TO BE INTEGRATED WITH THE VIDEO MANAGEMENT SYSTEM, TYP.
11. WINDOW-TAG (TOLL-TAG) STYLE CREDENTIAL TO BE UTILIZED AT VEHICLE GATES WITH UHF RECEIVERS
12. ARCHITECT TO COORDINATE ELEVATOR TRAVEL CABLE REQUIREMENTS WITH THE INSTALLER TO DETERMINE SUPPORT CALL-BUTTON, IN-CAB CREDENTIAL READER, AND IN-CAB CAMERA PER DESIGN
13. ONE CREDENTIAL (FOB) TO BE UTILIZED FOR BOTH ELECTRIFIED UNIT LOCKS & COMMON AREA LOCKS
14. APP-BASED APP AS CREDENTIAL TO BE UTILIZED FOR BOTH ELECTRIFIED UNIT LOCKS & COMMON AREA LOCKS
15. TELE ENTRY COMPONENT(S) TO BE COMPATIBLE WITH APP-BASED VIDEO PLATFORM UNLESS OTHERWISE SPECIFIED
16. GATE REMOTE STYLE CREDENTIAL TO BE UTILIZED AT VEHICLE GATES WITH RF RECEIVERS
17. RE: TO-002 FOR TYPICAL WALL MOUNTED AND FLOOR MOUNTED RACK ELEVATIONS. THESE ARE TYPICAL ARRANGEMENTS AND ARE NOT SPECIFIC TO EACH PROJECT. IT IS UP TO THE INSTALLER TO DETERMINE AND BID THE RACK COMPONENTS TO MEET SYSTEM FUNCTIONALITY REQUIREMENTS.

CABLE LEGEND

<u>LINE TYPE</u>		<u>DESCRIPTION</u>
CAT6	———— CAT6	1-CAT6 CABLE FOR DATA/NETWORK DEVICE INTERCONNECT & NETWORK DEVICE INTERCONNECT
MM FIBER	———— MM FIBER	1-MULTIMODE FIBER FOR NETWORK DEVICE INTERCONNECT - 4" DARK FIBERS TO BE INCLUDED FOR FUTURE NETWORK EXPANSION
AC COMP	———— AC COMP	1-ACCESS CONTROL COMPOSITE CABLE (18/4, 22/4, 22/2, 22/3PR) SHIELDED
18/4	———— 18/4	1-18/4 CABLE TO ELECTRIFIED DOOR HARDWARE - PART OF ACCESS CONTROL CABLE (18/4, 22/4, 22/2, 22/3PR) SHIELDED
22/2	———— 22/2	1-22/2 CABLE TO DOOR POSITION SENSOR - PART OF ACCESS CONTROL COMPOSITE CABLE (18/4, 22/4, 22/2, 22/3PR) SHIELDED
22/4	———— 22/4	1-22/4 CABLE TO EXIT SENSOR - PART OF ACCESS CONTROL COMPOSITE CABLE (18/4, 22/4, 22/2, 22/3PR) SHIELDED
22/8	———— 22/8	1-22/8 SHIELDED CABLE TO UHF RECEIVER/ELEVATOR CONTROLLER INTERFACE PANEL
22/6OAS	———— 22/6OAS	1-22/6OAS CABLE TO CREDENTIAL READER - PART OF ACCESS CONTROL COMPOSITE CABLE (18/4, 22/4, 22/2, 22/3PR) SHIELDED
16AWG	———— 16AWG	1-16 AWG STRANDED CABLE CUT 3/16" INTO PAVEMENT TO EXIT LOOP DETECTOR MODULE - TO BE PROVIDED BY GATE CONTRACTOR

PROJECT ARCHITECT
 <p>EVERBASE SOLUTIONS DENVER CO</p> <p>O: 855-255-5521 WWW.EVERBASESOLUTIONS.COM</p> <p>PROJECT INFORMATION</p>
TECHNOLOGY CONSULTANT

BLDG A 4TH STREET CONDOS
47 W 5TH STREET SILVERTHORNE, CO

ORIGINAL ISSUANCE:		DATE:
50% CD SET		03/31/23
NOT FOR CONSTRUCTION		
REVISIONS		
REVISION	DATE	DELTA

SYSTEM DESIGNER:	AD/AF
SYSTEM REVIEWER:	LR
ECS JOB NUMBER:	ES-3247
SHEET INFORMATION:	
SHEET TITLE:	

ACCESS CONTROL SYSTEM DOOR DETAILS

SHEET NUMBER

TS801

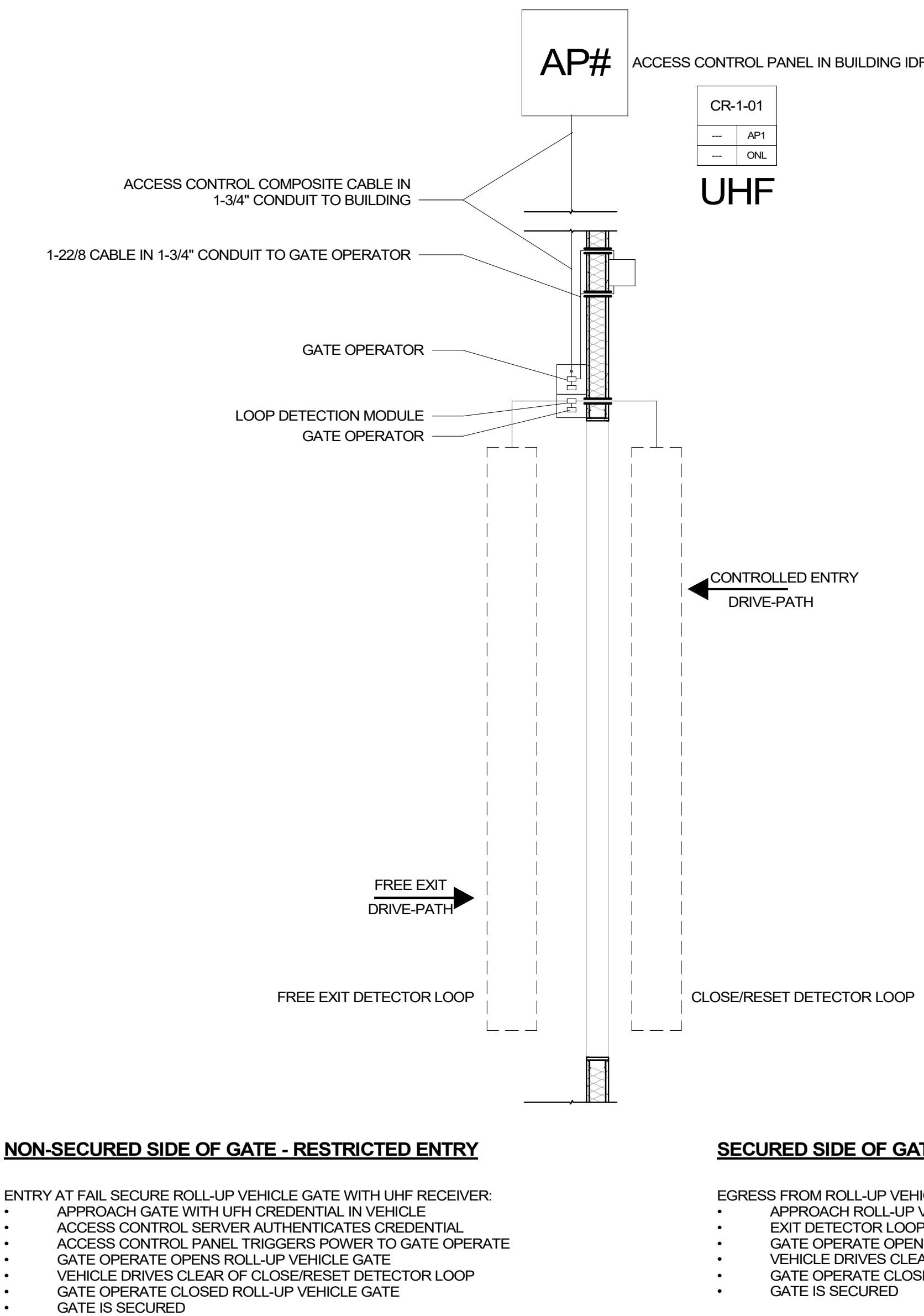
ACCESS CONTROL PLAN SYMBOL LEGEND:	
SYMBOL	ACCESS CONTROL SYSTEM DEVICE DESCRIPTION:
AP#	ACCESS CONTROL PANEL & POWER SUPPLY (WALL MOUNTED) - REQUIRED POWER: 1 DUPLEX OUTLET
CR	CREDENTIAL READER
DP	DOOR POSITION SENSOR (MOUNTED TO DOOR FRAME)
EB	REQUEST TO EXIT BUTTON (WALL MOUNTED WITH BUTTON AT A.D.A. ACCESSIBLE HEIGHT)
IC	INTERCOM (WALL MOUNTED WITH CALL BUTTON AT A.D.A. ACCESSIBLE HEIGHT)
PS	DOOR HARDWARE POWER SUPPLY - COORDINATE REQUIRED POWER & MOUNTING WITH ELEC. CONTRACTOR (MUST BE ACCESSIBLE FOR MAINT.)
REX	REQUEST TO EXIT MOTION SENSOR (WALL MOUNTED, CENTERED ABOVE DOOR)
TE	DIGITAL VISITOR ENTRY SYSTEM WITH VIDEO CAPABILITY
UH#F	ULTRA-HIGH FREQUENCY (UHF) RECEIVER FOR VEHICLE GATE (WALL MOUNT WITH LINE-OF-SITE TO DRIVE-PATH)
	CREDENTIAL READER (WALL MOUNTED)
CR-101	CR-LEVEL-READER NUMBER
CR-102	ACCESS CONTROL PANEL NUMBER
CR-103	READER FUNCTION, ONLINE (ONLY) / STAND-ALONE (SA)
CR-104	ARCHITECTURAL DOOR NUMBER
CR-105	LOCK FUNCTION DETAIL LOCATION

SECURITY SYSTEM PLAN NOTES

1. REFER TO T5-000 FOR STANDARD SECURITY DEVICE MOUNTING HEIGHTS
2. REFER TO SECURITY DETAILS SHEETS SYSTEM DIAGRAMS
3. CABLE & CONDUIT ROUTING SUBJECT TO CHANGE BASED ON FIELD CONDITIONS
4. ELECTRICAL CONTRACTOR TO PROVIDE POWER AS SPECIFIED
5. ELECTRICAL CONTRACTOR TO PROVIDE CONDUIT AT SPECIFIED
6. ALL CABLEING IS TO BE ROUTED THROUGH DESIGNATED CONDUIT, SLEEVING & PULL BOX BY INSTALLING CONTRACTOR
7. FAIL SAFE LOCATIONS REQUIRE POWER TO REMAIN LOCKED. DOOR SHALL UNLOCK WHILE REMAINING LATCHED WHEN POWER IS REMOVED BY ACCESS CONTROL PANEL VIA A POWER OUTAGE OR FIRE ALARM EVENT
8. DOOR NUMBERS ON THE ARCHITECTURAL PLANS SUPERSEDES ANY DOOR NUMBERS ON THESE PLANS. REVISOR FOR ANY DISCREPANCIES
9. ALL COMMON AREA ACCESS CONTROL SYSTEMS MUST BE COMPATIBLE WITH ANY OTHER ACCESS CONTROL SOLUTION, INCLUDING UNIT DOORS, TELE-ENTRY PRODUCT AND SITE GATES.
10. ACCESS CONTROL SYSTEM IS TO BE INTEGRATED WITH THE VIDEO MANAGEMENT SYSTEM, TYP.
11. WINDOW-TAG (TOLL-TAG) STYLE CREDENTIAL TO BE UTILIZED AT VEHICLE GATES WITH UHF RECEIVERS
12. ARCHITECT TO COORDINATE ELEVATOR TRAVEL CABLE REQUIREMENTS TO THE INSTALL CONTRACTOR TO SUPPORT CALL-BUTTON, IN-CAB CREDENTIAL READER, AND IN-CAB CAMERA PER DESIGN
13. ONE CREDENTIAL (FOB) TO BE UTILIZED FOR BOTH ELECTRIFIED UNIT LOCKS & COMMON AREA LOCKS PROVIDED THAT THE CREDENTIAL IS TO BE UTILIZED FOR BOTH ELECTRIFIED UNIT LOCKS & COMMON AREA LOCKS
14. TELE ENTRY COMPONENT(S) TO BE COMPATIBLE WITH APP-BASED VIDEO PLATFORM UNLESS OTHERWISE SPECIFIED
15. GATE REMOTE STYLE CREDENTIAL TO BE UTILIZED AT VEHICLE GATES WITH RF RECEIVERS
16. RE: TG-002 FOR TYPICAL WALL MOUNTED AND FLOOR MOUNTED RACK ELEVATIONS, THESE ARE TYPICAL ARRANGEMENTS AND ARE NOT SPECIFIC TO EACH PROJECT. IT IS THE USER'S OBLIGATION TO DETERMINE AND BID THE RACK COMPONENTS TO MEET SYSTEM FUNCTIONALITY REQUIREMENTS.

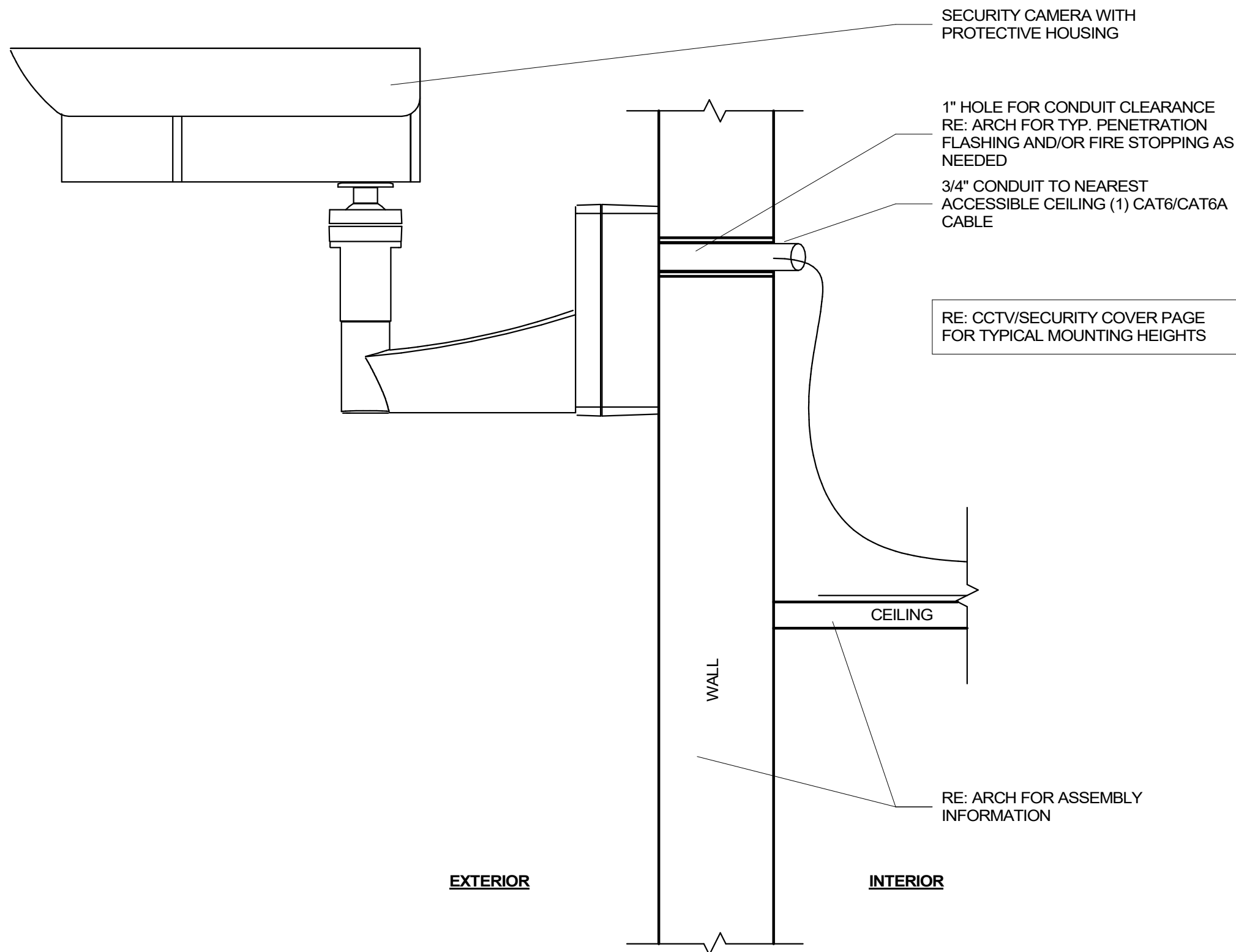
CABLE LEGEND

LINE TYPE		
CAT6	————	CAT6
		1-CAT6 CABLE FOR DATA/NETWORK DEVICE INTERCONNECT & NETWORK DEVICE INTERCONNECT
MM FIBER	————	MM FIBER
		1-MULTIMODE FIBER FOR NETWORK DEVICE INTERCONNECT - 4" DARK FIBERS TO BE INCLUDED FOR FUTURE NETWORK EXPANSION
AC COMP	————	AC COMP
		1-ACCESS CONTROL COMPOSITE CABLE (18/4, 22/4, 22/2, 22/3PR) SHIELDED
18/4	————	18/4
		1-18/4 CABLE TO ELECTRIFIED DOOR HARDWARE - PART OF ACCESS CONTROL CABLE (18/4, 22/4, 22/2, 22/3PR) SHIELDED
22/2	————	22/2
		1-22/2 CABLE TO DOOR POSITION SENSOR - PART OF ACCESS CONTROL COMPOSITE CABLE (18/4, 22/4, 22/2, 22/3PR) SHIELDED
22/4	————	22/4
		1-22/4 CABLE TO EXIT SENSOR - PART OF ACCESS CONTROL COMPOSITE CABLE (18/4, 22/4, 22/2, 22/3PR) SHIELDED
22/8	————	22/8
		1-22/8 SHIELDED CABLE TO UHF RECEIVER/ELEVATOR CONTROLLER INTERFACE PANEL
22/6OAS	————	22/6OAS
		1-22/6OAS CABLE TO CREDENTIAL READER - PART OF ACCESS CONTROL COMPOSITE CABLE (18/4, 22/4, 22/2, 22/3PR) SHIELDED
16AWG	————	16AWG
		1-16 AWG STRANDED CABLE CUT 3/16" INTO PAVEMENT TO EXIT LOOP DETECTOR MODULE - TO BE PROVIDED BY GATE CONTRACTOR

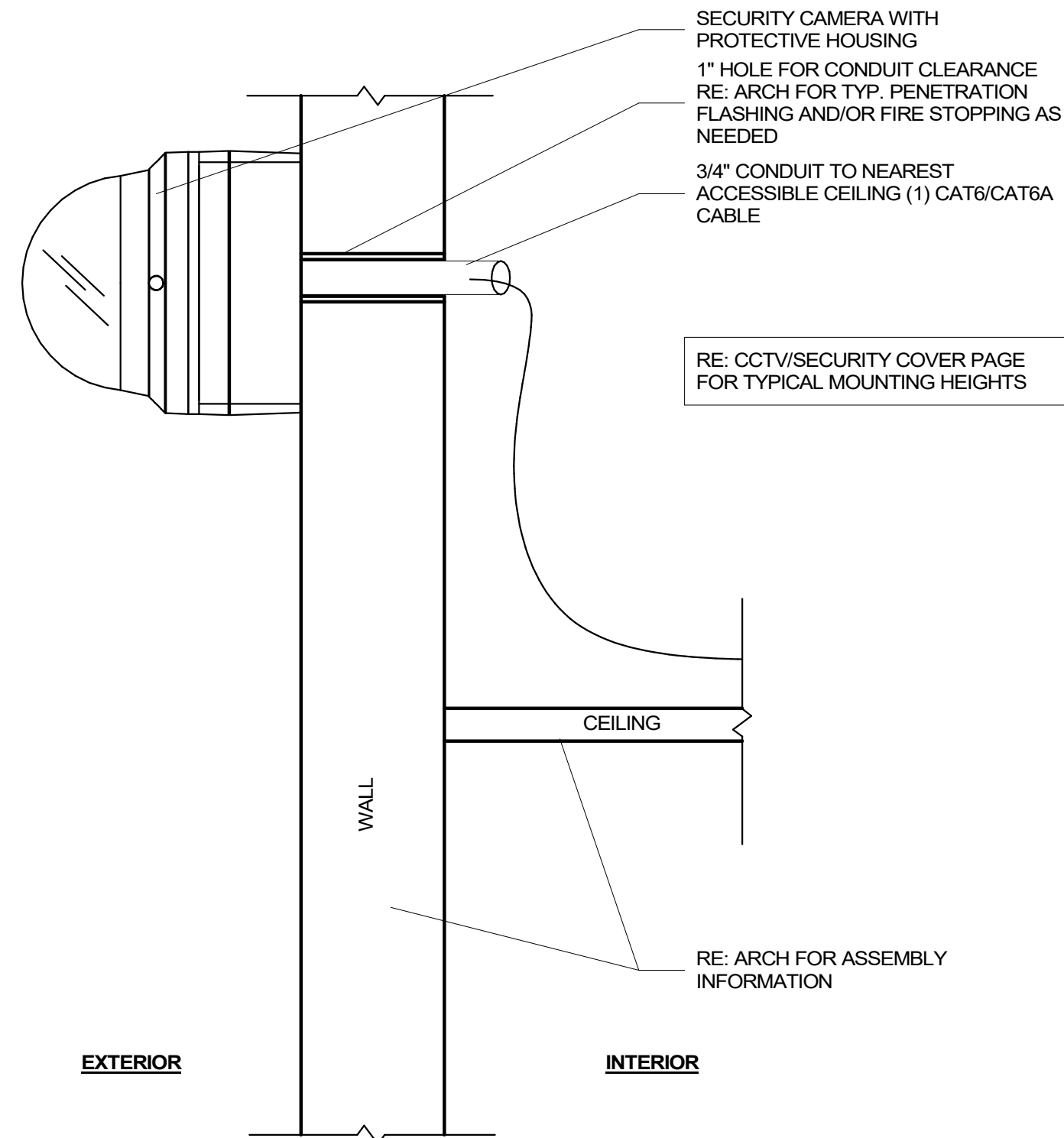


ROLL UP VEHICLE GATE - SINGLE

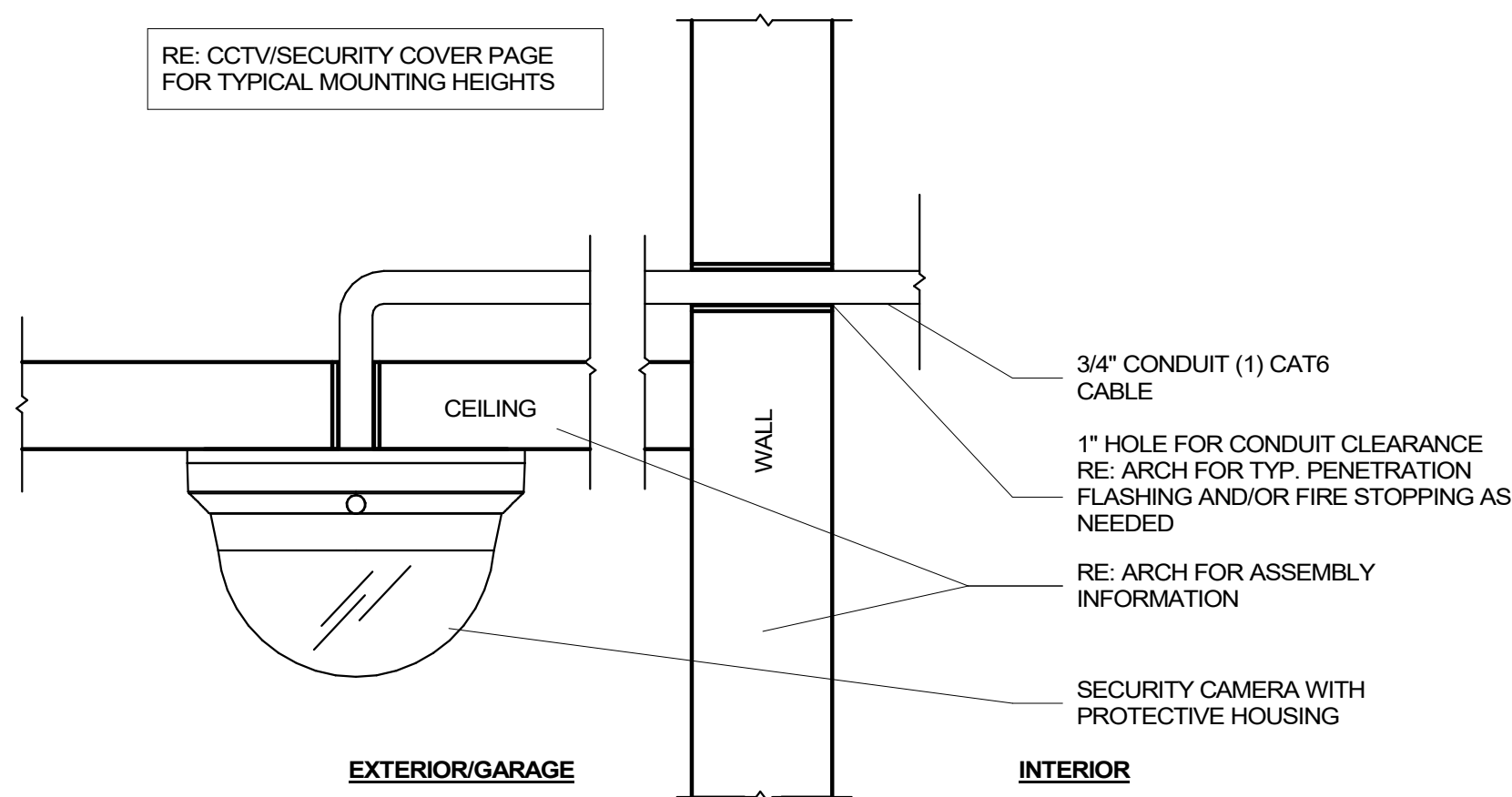
$$1/2'' = 1'-0''$$



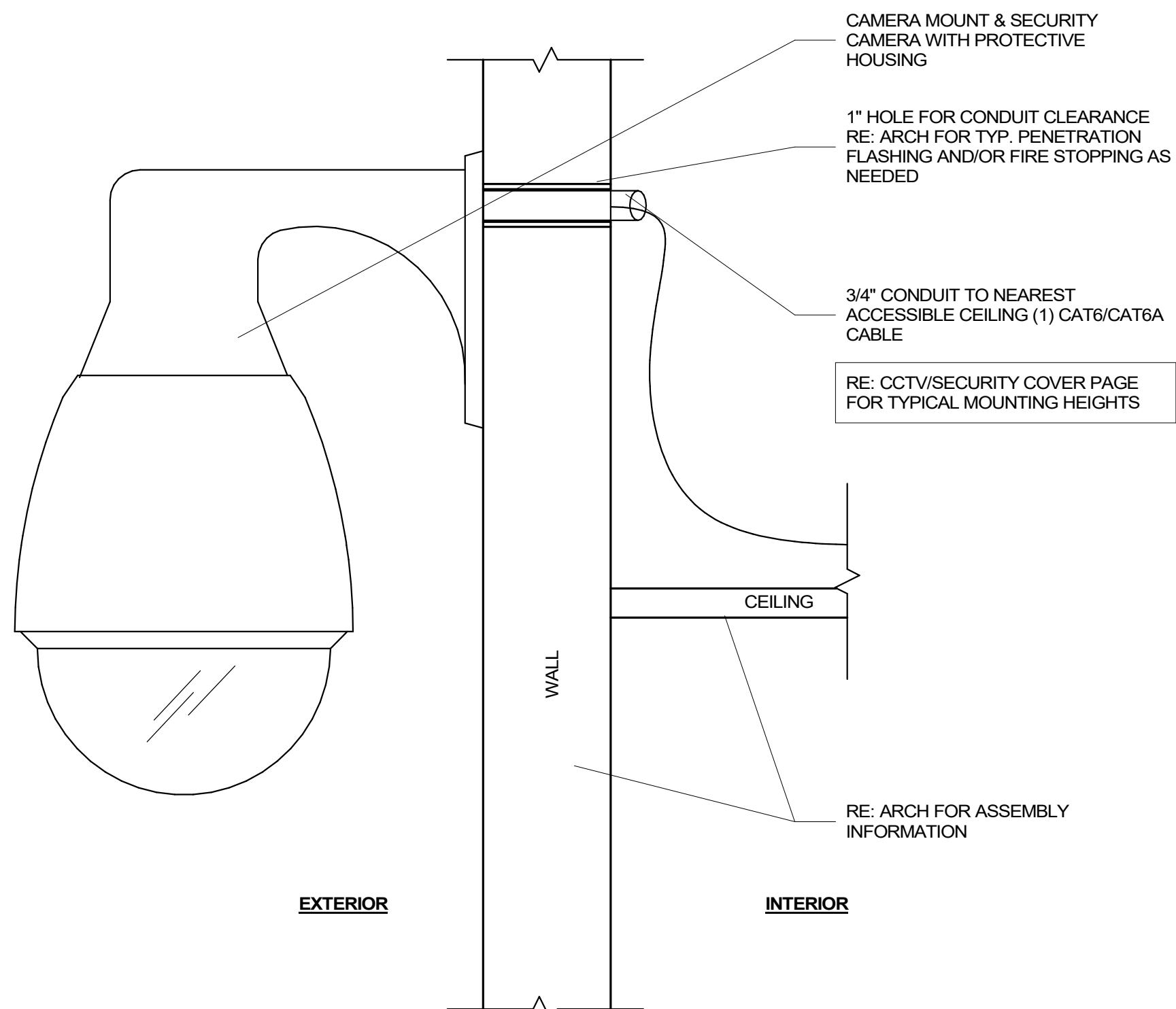
4 BULLET CAMERA - EXTERIOR WALL MOUNT
3" = 1'-0"



2 DOME CAMERA - EXTERIOR WALL MOUNT
3" = 1'-0"



3 DOME CAMERA - EXTERIOR CEILING MOUNT
3" = 1'-0"



1 DOME CAMERA PENDANT - EXTERIOR WALL MOUNT
3" = 1'-0"

SECURITY PLAN SYMBOL LEGEND:	
SYMBOL	CCTV SYSTEM DEVICE DESCRIPTION:
NVR	CCTV SYSTEM NETWORK VIDEO RECORDER (NVR) (MOUNTED IN EQUIPMENT RACK) - REQUIRED POWER: 1 DUPLEX OUTLET
NS	POE NETWORK SWITCH (MOUNTED IN EQUIPMENT RACK) - REQUIRED POWER: 1 DUPLEX OUTLET
1-1	CEILING MOUNTED FIXED POSITION POE I.P. DOME CAMERA (LEVEL - CAMERA NUMBER)
2-1	CEILING MOUNTED PAN, TILT, ZOOM (PTZ) POE I.P. DOME CAMERA (LEVEL - CAMERA NUMBER)
1-2	WALL MOUNTED FIXED POSITION POE I.P. DOME CAMERA (LEVEL - CAMERA NUMBER)
2-2	WALL MOUNTED PAN, TILT, ZOOM (PTZ) POE I.P. DOME CAMERA (LEVEL - CAMERA NUMBER)
J	CCTV SYSTEM J-BOX
INTRUSION DETECTION SYSTEM DEVICE DESCRIPTION:	
IDC	INTRUSION DETECTION SYSTEM CONTROLLER (WALL MOUNTED)
KP	INTRUSION DETECTION KEYPAD (WALL MOUNTED WITH BUTTONS AT A.D.A. ACCESSIBLE HEIGHT)
DC	DOOR CONTACT (MOUNTED TO DOOR FRAME)
MS	MOTION SENSOR (WALL MOUNTED)
VS	VIBRATION SENSOR (WALL MOUNTED)
S	INTRUSION DETECTION SIREN (AT KEYPAD OR WALL MOUNTED)

SECURITY SYSTEM PLAN NOTES

- REFER TO TS-000 FOR STANDARD SECURITY DEVICE MOUNTING HEIGHTS
- REFER TO SECURITY DETAILS SHEETS SYSTEM DIAGRAMS
- CABLE & CONDUIT ROUTING SUBJECT TO CHANGE BASED ON FIELD CONDITIONS
- ELECTRICAL CONTRACTOR TO PROVIDE POWER AS SPECIFIED
- ELECTRICAL CONTRACTOR TO PROVIDE CONDUIT AT SPECIFIED
- ALL CABLING IS TO BE ROUTED THROUGH DESIGNATED CONDUIT, SLEEVING & PULL BOX BY INSTALLING CONTRACTOR
- FAIL SAFE LOCATIONS REQUIRE POWER TO REMAIN LOCKED - DOOR SHALL UNLOCK WHILE REMAINING LATCHED WHEN POWER IS REMOVED BY ACCESS CONTROL PANEL VIA A POWER OUTAGE OR FIRE ALARM EVENT
- DOOR NUMBERS ON THE ARCHITECTURAL PLANS SUPERSEDE ANY DOOR NUMBERS ON THESE PLANS. RE: ARCH FOR ANY DISCREPANCIES
- ALL COMMON AREA ACCESS CONTROL SYSTEMS MUST BE COMPATIBLE WITH ANY OTHER ACCESS CONTROL SOLUTION, INCLUDING UNIT DOORS, TELE-ENTRY PRODUCT AND SITE GATES
- ACCESS CONTROL SYSTEM IS TO BE INTEGRATED WITH THE VIDEO MANAGEMENT SYSTEM, TYP.
- WINDOW-TAG (TOLL-TAG) STYLE CREDENTIAL TO BE UTILIZED AT VEHICLE GATES WITH UHF RECEIVERS
- ARCHITECT TO COORDINATE ELEVATOR TRAVEL CABLE REQUIREMENTS WITH ELEVATOR CONTRACTOR TO SUPPORT CALL-BUTTON, IN-CAB CREDENTIAL READER, AND IN-CAB CAMERA PER DESIGN
- ONE CREDENTIAL (FOB) TO BE UTILIZED FOR BOTH ELECTRIFIED UNIT LOCKS & COMMON AREA LOCKS
- PHONE-BASED APP AS CREDENTIAL TO BE UTILIZED FOR BOTH ELECTRIFIED UNIT LOCKS & COMMON AREA LOCKS
- TELE ENTRY COMPONENT(S) TO BE COMPATIBLE WITH APP-BASED VIDEO PLATFORM UNLESS OTHERWISE SPECIFIED
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- RE: TG-002 FOR TYPICAL WALL MOUNTED AND FLOOR MOUNTED RACK ELEVATIONS. THESE ARE TYPICAL ARRANGEMENTS AND ARE NOT SPECIFIC TO EACH PROJECT. IT IS UP TO THE INSTALLER TO DETERMINE AND BID THE RACK COMPONENTS TO MEET SYSTEM FUNCTIONALITY REQUIREMENTS.

PROJECT ARCHITECT

TECHNOLOGY CONSULTANT



EVERBASE
SOLUTIONS
DENVER | CO

O: 855-255-5521
WWW.EVERBASESOLUTIONS.COM

PROJECT INFORMATION

BLDG A 4TH STREET CONDOS
47 W 5TH STREET SILVERTHORNE, CO

ORIGINAL ISSUANCE:	DATE:	
50% CD SET	03/31/23	
NOT FOR CONSTRUCTION		
REVISIONS		
REVISION	DATE	DELTA

SYSTEM DESIGNER:	AD/AF
SYSTEM REVIEWER:	LR
ECS JOB NUMBER:	ES-3247
SHEET INFORMATION:	
SHEET TITLE:	

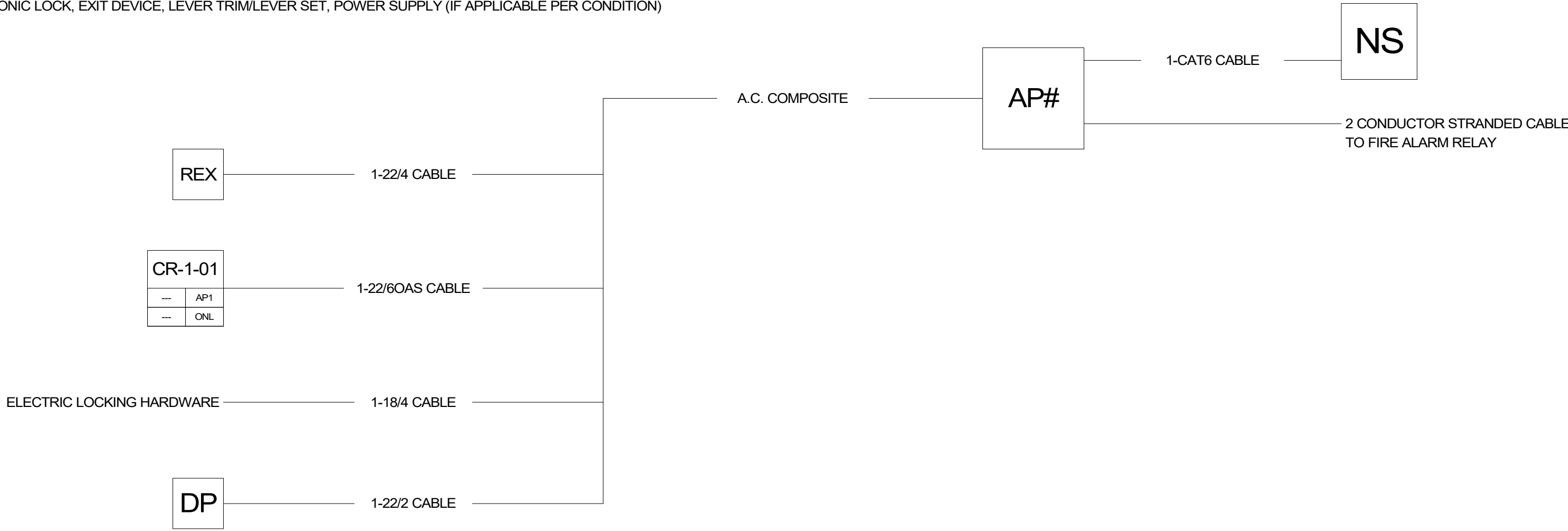
CCTV SYSTEM DETAILS

SHEET NUMBER:

TS803

TECHNOLOGY CONTRACTOR PROVIDES:
CREDENTIALS, CREDENTIAL READER, DOOR POSITION SENSOR, REQUEST TO EXIT SENSOR, ACCESS CONTROL PANEL, NETWORK SWITCH

DOOR HARDWARE CONTRACTOR PROVIDES:
ELECTRONIC LOCK, EXIT DEVICE, LEVER TRIM/LEVER SET, POWER SUPPLY (IF APPLICABLE PER CONDITION)



1 ACCESS CONTROL SYSTEM CONNECTIVITY DIAGRAM

NTS

ACCESS CONTROL PLAN SYMBOL LEGEND:	
SYMBOL	ACCESS CONTROL SYSTEM DEVICE DESCRIPTION
AP#	ACCESS CONTROL PANEL & POWER SUPPLY (WALL MOUNTED) - REQUIRED POWER: 1 DUPLEX OUTLET
CR	CREDENTIAL READER
DP	DOOR POSITION SENSOR (MOUNTED TO DOOR FRAME)
EB	REQUEST TO EXIT BUTTON (WALL MOUNTED WITH BUTTON AT A.D.A. ACCESSIBLE HEIGHT)
IC	INTERCOM (WALL MOUNTED WITH CALL BUTTON AT A.D.A. ACCESSIBLE HEIGHT)
PS	DOOR HARDWARE POWER SUPPLY - COORDINATE REQUIRED POWER & MOUNTING WITH ELEC. CONTRACTOR (MUST BE ACCESSIBLE FOR MAINT.)
REX	REQUEST TO EXIT MOTION SENSOR (WALL MOUNTED, CENTERED ABOVE DOOR)
TE	DIGITAL VISITOR ENTRY SYSTEM WITH VIDEO CAPABILITY
UHF	ULTRA-HIGH FREQUENCY (UHF) RECEIVER FOR VEHICLE GATE (WALL MOUNT WITH LINE-OF-SITE TO DRIVE-PATH)
CR-1-01	CREDENTIAL READER (WALL MOUNTED)
CR-1-01	CR-LEVEL-READER NUMBER
CR-1-01	ACCESS CONTROL PANEL NUMBER
CR-1-01	READER FUNCTION: ONLINE (ONL) / STAND-ALONE (SA)
CR-1-01	ARCHITECTURAL DOOR NUMBER
CR-1-01	LOCK FUNCTION DETAIL LOCATION

SECURITY SYSTEM PLAN NOTES

- REFER TO TS-000 FOR STANDARD SECURITY DEVICE MOUNTING HEIGHTS
- REFER TO SECURITY DETAILS SHEETS SYSTEM DIAGRAMS
- CABLE & CONDUIT ROUTING SUBJECT TO CHANGE BASED ON FIELD CONDITIONS
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CABLE LEGEND

LINE TYPE	DESCRIPTION
CAT6	CAT6 1-CAT6 CABLE FOR DATA/NETWORK DEVICE INTERCONNECT & NETWORK DEVICE INTERCONNECT
MM FIBER	MM FIBER 1-MULTIMODE FIBER FOR NETWORK DEVICE INTERCONNECT - 4" DARK FIBERS TO BE INCLUDED FOR FUTURE NETWORK EXPANSION
AC COMP	AC COMP 1-ACCESS CONTROL COMPOSITE CABLE (18/4, 22/4, 22/2, 22/3PR) SHIELDED
18/4	18/4 1-18/4 CABLE TO ELECTRIFIED DOOR HARDWARE - PART OF ACCESS CONTROL CABLE (18/4, 22/4, 22/2, 22/3PR) SHIELDED
22/2	22/2 1-22/2 CABLE TO DOOR POSITION SENSOR - PART OF ACCESS CONTROL COMPOSITE CABLE (18/4, 22/4, 22/2, 22/3PR) SHIELDED
22/4	22/4 1-22/4 CABLE TO EXIT SENSOR - PART OF ACCESS CONTROL COMPOSITE CABLE (18/4, 22/4, 22/2, 22/3PR) SHIELDED
22/8	22/8 1-22/8 SHIELDED CABLE TO UHF RECEIVER/ELEVATOR CONTROLLER INTERFACE PANEL
22/6OAS	22/6OAS 1-22/6OAS CABLE TO CREDENTIAL READER - PART OF ACCESS CONTROL COMPOSITE CABLE (18/4, 22/4, 22/2, 22/3PR) SHIELDED
16AWG	16AWG 1-16 AWG STRANDED CABLE CUT 3/16" INTO PAVEMENT TO EXIT LOOP DETECTOR MODULE - TO BE PROVIDED BY GATE CONTRACTOR

PROJECT ARCHITECT

TECHNOLOGY CONSULTANT

O: 855-255-5521
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PROJECT INFORMATION

BLDG A 4TH STREET CONDOS
47 W 5TH STREET SILVERTHORNE, CO

ORIGINAL ISSUANCE: DATE: 03/1/23
50% CD SET
NOT FOR CONSTRUCTION

REVISIONS

REVISIONDATEDELTA

SYSTEM DESIGNER: AD/AF

SYSTEM REVIEWER: LR

ECS JOB NUMBER: ES-3247

SHEET INFORMATION:

SHEET TITLE: ACCESS CONTROL SYSTEM DOOR

SHEET NUMBER:

TS900

ACCESS CONTROL DEVICE SCHEDULE

LEVEL	ARCH DOOR #	DOOR DESCRIPTION	CREDENTIAL READER ID	AC PANEL	LOCKING DEVICE	LOCK FUNCTION	READER FUNCTION	DOOR TYPE	DOOR HARDWARE DETAIL (SHEET # - DETAIL #)	NOTES
LEVEL 1	DA105A	BLDG A - PARKING GARAGE	CR.A-01	AP1	ELECTRIC STRIKE W/ EXIT DEVICE	FAIL SECURE	ONL	SINGLE	1/TS801	
LEVEL 1	DA103	BLDG A - ELEVATOR LOBBY	CR.A-02	AP1	ELECTRIC STRIKE W/ EXIT DEVICE	FAIL SECURE	ONL	SINGLE	1/TS801	
LEVEL 1	D102	BLDG A - STAIR 2	CR.A-03	AP1	ELECTRIC STRIKE W/ EXIT DEVICE	FAIL SECURE	ONL	SINGLE	1/TS801	
LEVEL 1	ELEV	BLDG A -ELEVATOR	CR.A-04	AP1	ELEVATOR CALL BUTTON READER	FAIL SECURE	ONL	SINGLE	3/TS801	
LEVEL 1	DA112B	BLDG A - TRASH	CR.A-05	AP1	ELECTRIC STRIKE W/ STORE ROOM FUNCTION	FAIL SECURE	ONL	SINGLE	2/TS801	
LEVEL 1	DA111	BLDG A - STAIR 1	CR.A-06	AP1	ELECTRIC STRIKE W/ EXIT DEVICE	FAIL SECURE	ONL	SINGLE	1/TS801	
LEVEL 1	DB112	BLDG B - STAIR 2	CR.B-01	AP2	ELECTRIC STRIKE W/ EXIT DEVICE	FAIL SECURE	ONL	SINGLE	1/TS801	
LEVEL 1	DB113B	BLDG B - TRASH	CR.B-02	AP2	ELECTRIC STRIKE W/ EXIT DEVICE	FAIL SECURE	ONL	SINGLE	1/TS801	
LEVEL 1	ELEV	BLDG B - ELEVATOR	CR.B-03	AP2	ELEVATOR CALL BUTTON READER	FAIL SECURE	ONL	SINGLE	3/TS801	
LEVEL 1	DB102	BLDG B - STAIR 1	CR.B-04	AP2	ELECTRIC STRIKE W/ EXIT DEVICE	FAIL SECURE	ONL	SINGLE	1/TS801	
LEVEL 1	DB103	BLDG B - ELEVATOR LOBBY	CR.B-05	AP2	ELECTRIC STRIKE W/ EXIT DEVICE	FAIL SECURE	ONL	SINGLE	1/TS801	
LEVEL 1	DB105A	BLDG B - PARKING GARAGE	CR.B-06	AP2	ELECTRIC STRIKE W/ EXIT DEVICE	FAIL SECURE	ONL	SINGLE	1/TS801	
LEVEL 1	DC102A	BLDG C -VEHICLE ENTRNACE	CR.C-01	AP3	ROLL UP VEHICLE GATE - SINGLE	FAIL SECURE	ONL	GATE	1/TS802	
LEVEL 1	DC102B	BLDG C - PARKING GARAGE	CR.C-02	AP3	ELECTRIC STRIKE W/ EXIT DEVICE	FAIL SECURE	ONL	SINGLE	1/TS801	
LEVEL 1	DC103	BLDG C - STAIR 1	CR.C-03	AP3	ELECTRIC STRIKE W/ EXIT DEVICE	FAIL SECURE	ONL	SINGLE	1/TS801	
LEVEL 1	DC105	BLDG C - ELEVATOR LOBBY	CR.C-04	AP3	ELECTRIC STRIKE W/ EXIT DEVICE	FAIL SECURE	ONL	SINGLE	1/TS801	
LEVEL 1	ELEV	BLDG C - ELEVATOR	CR.C-05	AP3	ELEVATOR CALL BUTTON READER	FAIL SECURE	ONL	SINGLE	1/TS801	
LEVEL 1	DC103	BLDG C - STAIR 2	CR.C-06	AP3	ELECTRIC STRIKE W/ EXIT DEVICE	FAIL SECURE	ONL	SINGLE	1/TS801	
LEVEL 1	DD103	BLDG D - STAIR	CR.D-01	AP4	ELECTRIC STRIKE W/ EXIT DEVICE	FAIL SECURE	ONL	SINGLE	1/TS801	
LEVEL 1	ELEV	BLDG D - ELEVATOR	CR.D-02	AP4	ELEVATOR CALL BUTTON READER	FAIL SECURE	ONL	SINGLE	3/TS801	
LEVEL 1	DD105	BLDG D - ELEVATOR LOBBY	CR.D-03	AP4	ELECTRIC STRIKE W/ EXIT DEVICE	FAIL SECURE	ONL	SINGLE	3/TS801	
LEVEL 1	DD107	BLDG D - STAIR 2	CR.D-04	AP4	ELECTRIC STRIKE W/ EXIT DEVICE	FAIL SECURE	ONL	SINGLE	1/TS801	
LEVEL 1	DD102A	BLDG D - ELEVATOR	CR.D-05	AP4	ROLL UP VEHICLE GATE - SINGLE	FAIL SECURE	ONL	GATE	1/TS802	
LEVEL 1	DD102B	BLDG D - PARKING GARAGE ENTRNACE	CR.D-06	AP4	ELEVATOR CALL BUTTON READER	FAIL SECURE	ONL	SINGLE	3/TS801	

DOOR HARDWARE	ACCESS CONTROL COMPOSITE CABLE	CREDENTIAL READER	DOOR POSITION SENSOR	REX MOTION SENSOR	ELECTRIFIED EXIT DEVICE W/ LATCH RETRACTION	ELECTRIFIED EXIT DEVICE W/ VERTICAL RODS	ELECTRIC STRIKE	ELECTRIFIED LEVER SET	EXIT BUTTON	MAGNETIC LOCK	NON-POWERED EXIT DEVICE	NON-POWERED LEVER TRIM	STOREROOM FUNCTION LEVER SET	STAND-ALONE BATTERY OPERATED LEVER SET
TYPICAL PEDESTRIAN DOOR & GATE BASE-ASSEMBLIES:														
ELECTRIC STRIKE W/ EXIT DEVICE	X	X	X	X			X				X	X		
ELECTRIC STRIKE W/ EXIT DEVICE (EXTERIOR GATE)	X	X	X				X				X	X		
ELECTRIC STRIKE W/ STOREROOM FUNCTION LEVEL SET	X	X	X	X			X						X	
ELECTRIFIED EXIT DEVICE W/ LATCH RETRACTION	X	X	X	X	X							X		
ELECTRIFIED EXIT DEVICE W/ VERTICAL RODS	X	X	X	X		X						X		
ELECTRIFIED LEVER SET W/ EXIT DEVICE	X	X	X	X				X			X			
ELECTRIFIED LEVER SET W/ LEVER TRIM	X	X	X	X				X				X		
MAGNETIC LOCK W/ EXIT DEVICE & EXIT BUTTON	X	X	X	X					X	X	X	X		
STAND-ALONE BATTERY OPERATED LEVER SET														X

DOOR HARDWARE LEGEND REFERENCE

NTS

DOOR HARDWARE	ACCESS CONTROL COMPOSITE CABLE	CREDENTIAL READER	EXIT IR SENSOR/EXIT LOOP	POSITION SENSOR	UHF RECEIVER	GATE OPERATOR W/ DRY CONTACT	BARRIER-ARM GATE	ROLLING BARRIER GATE	ROLL-UP GATE
VEHICLE GATE BASE-ASSEMBLIES:									
BARRIER-ARM VEHICLE GATE W/ UHF RECEIVER	X	X	X	X	X	X	X		
ROLLING BARRIER VEHICLE GATE Q/ UHF RECEIVER	X	X	X	X	X	X		X	
ROLL-UP VEHICLE GATE W/ UHF RECEIVER	X	X	X	X	X	X			X

PROJECT ARCH-TECT

TECHNOLOGY CONSULTANT



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PROJECT INFORMATION

BLDG A 4TH STREET CONDOS

47 W 5TH STREET SILVERTHORNE, CO

ORIGINAL ISSUANCE: DATE: 03/21/23

50% CD SET NOT FOR CONSTRUCTION

REVISIONS

REVISION	DATE	DELTA

SYSTEM DESIGNER: AD/AF

SYSTEM REVIEWER: LR














ECS JOB NUMBER: ES-3247

SHEET INFORMATION: SHEET TITLE: LOCK SCHEDULE

SHEET NUMBER: TS901

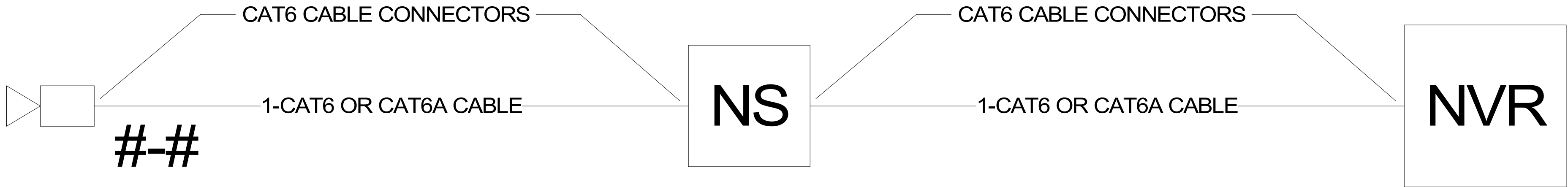
CCTV DEVICE SCHEDULE

LEVEL	CAMERA LOCATION	NETWORK SWITCH LOCATION	ID	CAMERA MOUNTING & TYPE	CAMERA RESOLUTION	LENS TYPE	CAMERA NOTES
LEVEL 1	BLDG A -PARKING GARAGE	IDF 1-107	L1-01	Wall Mounted - Fixed Position	3 MP (2304 x 1296)	2.8-9mm Varifocal	
LEVEL 1	BLDG A - ELEVATOR LOBBY ENTRANCE	IDF 1-107	L1-02	Wall Mounted - Fixed Position	3 MP (2304 x 1296)	2.8-9mm Varifocal	
LEVEL 1	BLDG A - STAIR 2	IDF 1-107	L1-03	Wall Mounted - Fixed Position	3 MP (2304 x 1296)	2.8-9mm Varifocal	
LEVEL 1	BLDG A - RETAIL 1	IDF 1-107	L1-04	Wall Mounted - Fixed Position	3 MP (2304 x 1296)	2.8-9mm Varifocal	
LEVEL 1	BLDG A - PARKING GARAGE	IDF 1-107	L1-05	Ceiling Mounted - Fixed Position	3 MP (2304 x 1296)	2.8-9mm Varifocal	
LEVEL 1	BLDG A - RETAIL 3	IDF 1-107	L1-06	Wall Mounted - Fixed Position	3 MP (2304 x 1296)	2.8-9mm Varifocal	
LEVEL 1	BLDG A - TRASH	IDF 1-107	L1-07	Wall Mounted - Fixed Position	3 MP (2304 x 1296)	2.8-9mm Varifocal	
LEVEL 1	BLDG A - PARKING GARAGE 2	IDF 1-107	L1-08	Ceiling Mounted - Fixed Position	3 MP (2304 x 1296)	2.8-9mm Varifocal	
LEVEL 1	BLDG A - STAIR 1	IDF 1-107	L1-09	Wall Mounted - Fixed Position	3 MP (2304 x 1296)	2.8-9mm Varifocal	
LEVEL 1	BLDG B - VEHICLE ENTRANCE 1	IDF 2-108	L1-10	Wall Mounted - Fixed Position	3 MP (2304 x 1296)	2.8-9mm Varifocal	
LEVEL 1	BLDG B - STAIR 2	IDF 2-108	L1-11	Wall Mounted - Fixed Position	3 MP (2304 x 1296)	2.8-9mm Varifocal	
LEVEL 1	BLDG B -TRASH	IDF 2-108	L1-12	Wall Mounted - Fixed Position	3 MP (2304 x 1296)	2.8-9mm Varifocal	
LEVEL 1	BLDG B - RETAIL 1	IDF 2-108	L1-13	Wall Mounted - Fixed Position	3 MP (2304 x 1296)	2.8-9mm Varifocal	
LEVEL 1	BLDG B -PARKING GARAGE 1	IDF 2-108	L1-14	Ceiling Mounted - Fixed Position	3 MP (2304 x 1296)	2.8-9mm Varifocal	
LEVEL 1	BLDG B - RETAIL 3	IDF 2-108	L1-15	Wall Mounted - Fixed Position	3 MP (2304 x 1296)	2.8-9mm Varifocal	
LEVEL 1	BLDG B - STAIR 1	IDF 2-108	L1-16	Wall Mounted - Fixed Position	3 MP (2304 x 1296)	2.8-9mm Varifocal	
LEVEL 1	BLDG B - ELEVATOR LOBBY ENTRANCE	IDF 2-108	L1-17	Wall Mounted - Fixed Position	3 MP (2304 x 1296)	2.8-9mm Varifocal	
LEVEL 1	BLDG B -PARKING GARAGE 2	IDF 2-108	L1-18	Wall Mounted - Fixed Position	3 MP (2304 x 1296)	2.8-9mm Varifocal	
LEVEL 1	BLDG B -PARKING GARAGE ENTRANCE	IDF 2-108	L1-19	Wall Mounted - Fixed Position	3 MP (2304 x 1296)	2.8-9mm Varifocal	
LEVEL 1	BLDG B - VEHICLE ENTRANCE 2	IDF 2-108	L1-20	Wall Mounted - Fixed Position	3 MP (2304 x 1296)	2.8-9mm Varifocal	
LEVEL 1	BLDG C - VEHICLE GATE EXTERIOR	IDF 3-322	L1-21	Wall Mounted - Fixed Position	3 MP (2304 x 1296)	2.8-9mm Varifocal	
LEVEL 1	BLDG C -PARKING GARAGE ENTRANCE	IDF 3-322	L1-22	Wall Mounted - Fixed Position	3 MP (2304 x 1296)	2.8-9mm Varifocal	
LEVEL 1	BLDG C - STAIR 1	IDF 3-322	L1-23	Wall Mounted - Fixed Position	3 MP (2304 x 1296)	2.8-9mm Varifocal	
LEVEL 1	BLDG C - ELEVATOR LOBBY ENTRANCE	IDF 3-322	L1-24	Wall Mounted - Fixed Position	3 MP (2304 x 1296)	2.8-9mm Varifocal	
LEVEL 1	BLDG C - VEHICLE GATE INTERIOR	IDF 3-322	L1-25	Ceiling Mounted - Fixed Position	3 MP (2304 x 1296)	2.8-9mm Varifocal	
LEVEL 1	BLDG C - RETAIL ENTRANCE	IDF 3-322	L1-26	Wall Mounted - Fixed Position	3 MP (2304 x 1296)	2.8-9mm Varifocal	
LEVEL 1	BLDG C -STAIR 2	IDF 3-322	L1-27	Wall Mounted - Fixed Position	3 MP (2304 x 1296)	2.8-9mm Varifocal	
LEVEL 1	BLDG C - ELEVATOR LOBBY	IDF 3-322	L1-28	Ceiling Mounted - Fixed Position	3 MP (2304 x 1296)	2.8-9mm Varifocal	
LEVEL 1	BLDG D - STAIR 1	IDF 4-319	L1-29	Ceiling Mounted - Fixed Position	3 MP (2304 x 1296)	2.8-9mm Varifocal	
LEVEL 1	BLDG D - RETAIL ENTRANCE 1	IDF 4-319	L1-30	Ceiling Mounted - Fixed Position	3 MP (2304 x 1296)	2.8-9mm Varifocal	
LEVEL 1	BLDG D - RETAIL ENTRANCE 2	IDF 4-319	L1-31	Ceiling Mounted - Fixed Position	3 MP (2304 x 1296)	2.8-9mm Varifocal	
LEVEL 1	BLDG D - ELEVATOR LOBBY	IDF 4-319	L1-32	Ceiling Mounted - Fixed Position	3 MP (2304 x 1296)	2.8-9mm Varifocal	
LEVEL 1	BLDG D - ELEVATOR LOBBY ENTRANCE	IDF 4-319	L1-33	Wall Mounted - Fixed Position	3 MP (2304 x 1296)	2.8-9mm Varifocal	
LEVEL 1	BLDG D - STAIR 2	IDF 4-319	L1-34	Wall Mounted - Fixed Position	3 MP (2304 x 1296)	2.8-9mm Varifocal	
LEVEL 1	BLDG D -PARKING GARAGE	IDF 4-319	L1-35	Wall Mounted - Fixed Position	3 MP (2304 x 1296)	2.8-9mm Varifocal	
LEVEL 1	BLDG D -PARKING GATE INTERIOR	IDF 4-319	L1-36	Ceiling Mounted - Fixed Position	3 MP (2304 x 1296)	2.8-9mm Varifocal	
LEVEL 1	BLDG D - VEHICLE GATE EXTERIOR	IDF 4-319	L1-37	Wall Mounted - Fixed Position	3 MP (2304 x 1296)	2.8-9mm Varifocal	

SECURITY PLAN SYMBOL LEGEND:	
SYMBOL	CCTV SYSTEM DEVICE DESCRIPTION
	CCTV SYSTEM NETWORK VIDEO RECORDER (NVR) (MOUNTED IN EQUIPMENT RACK) - REQUIRED POWER: 1 DUPLEX OUTLET
	POE NETWORK SWITCH (MOUNTED IN EQUIPMENT RACK) - REQUIRED POWER: 1 DUPLEX OUTLET
	CEILING MOUNTED FIXED POSITION POE I.P. DOME CAMERA (LEVEL - CAMERA NUMBER)
	CEILING MOUNTED PAN, TILT, ZOOM (PTZ) POE I.P. DOME CAMERA (LEVEL - CAMERA NUMBER)
	WALL MOUNTED FIXED POSITION POE I.P. DOME CAMERA (LEVEL - CAMERA NUMBER)
	WALL MOUNTED PAN, TILT, ZOOM (PTZ) POE I.P. DOME CAMERA (LEVEL - CAMERA NUMBER)
	CCTV SYSTEM J-BOX
INTRUSION DETECTION SYSTEM DEVICE DESCRIPTION:	
	INTRUSION DETECTION SYSTEM CONTROLLER (WALL MOUNTED)
	INTRUSION DETECTION KEYPAD (WALL MOUNTED WITH BUTTONS AT A.D.A. ACCESSIBLE HEIGHT)
	DOOR CONTACT (MOUNTED TO DOOR FRAME)
	MOTION SENSOR (WALL MOUNTED)
	VIBRATION SENSOR (WALL MOUNTED)
	INTRUSION DETECTION SIREN (AT KEYPAD OR WALL MOUNTED)

SECURITY SYSTEM PLAN NOTES

- REFER TO TS-000 FOR STANDARD SECURITY DEVICE MOUNTING HEIGHTS
- REFER TO SECURITY DETAILS SHEETS SYSTEM DIAGRAMS
- CABLE & CONDUIT ROUTING SUBJECT TO CHANGE BASED ON FIELD CONDITIONS
- ELECTRICAL CONTRACTOR TO PROVIDE POWER AS SPECIFIED
- ELECTRICAL CONTRACTOR TO PROVIDE CONDUIT AT SPECIFIED
- ALL CABLING IS TO BE ROUTED THROUGH DESIGNATED CONDUIT, SLEEVING & PULL BOX BY INSTALLING CONTRACTOR
- FAIL SAFE LOCATIONS REQUIRE POWER TO REMAIN LOCKED - DOOR SHALL UNLOCK WHILE REMAINING LATCHED WHEN POWER IS REMOVED BY ACCESS CONTROL PANEL VIA A POWER OUTAGE OR FIRE ALARM EVENT
- DOOR NUMBERS ON THE ARCHITECTURAL PLANS SUPERSEDE ANY DOOR NUMBERS ON THESE PLANS. RE: ARCH FOR ANY DISCREPANCIES
- ALL COMMON AREA ACCESS CONTROL SYSTEMS MUST BE COMPATIBLE WITH ANY OTHER ACCESS CONTROL SOLUTION, INCLUDING UNIT DOORS, TELE-ENTRY PRODUCT AND SITE GATES.
- ACCESS CONTROL SYSTEM IS TO BE INTEGRATED WITH THE VIDEO MANAGEMENT SYSTEM, TYP.
- WINDOW-TAG (TOLL-TAG) STYLE CREDENTIAL TO BE UTILIZED AT VEHICLE GATES WITH UHF RECEIVERS
- ARCHITECT TO COORDINATE ELEVATOR TRAVEL CABLE REQUIREMENTS WITH ELEVATOR CONTRACTOR TO SUPPORT CALL-BUTTON, IN-CAB CREDENTIAL READER, AND IN-CAB CAMERA PER DESIGN
- ONE CREDENTIAL (FOB) TO BE UTILIZED FOR BOTH ELECTRIFIED UNIT LOCKS & COMMON AREA LOCKS
- PHONE-BASED APP AS CREDENTIAL TO BE UTILIZED FOR BOTH ELECTRIFIED UNIT LOCKS & COMMON AREA LOCKS
- TELE ENTRY COMPONENT(S) TO BE COMPATIBLE WITH APP-BASED VIDEO PLATFORM UNLESS OTHERWISE SPECIFIED.
- GARAGE REMOTE STYLE CREDENTIAL TO BE UTILIZED AT VEHICLE GATES WITH RF RECEIVERS
- RE: TG-002 FOR TYPICAL WALL MOUNTED AND FLOOR MOUNTED RACK ELEVATIONS. THESE ARE TYPICAL ARRANGEMENTS AND ARE NOT SPECIFIC TO EACH PROJECT, IT IS UP TO THE INSTALLER TO DETERMINE AND BID THE RACK COMPONENTS TO MEET SYSTEM FUNCTIONALITY REQUIREMENTS.



CCTV SYSTEM CONNECTIVITY DIAGRAM

1 NTS

PROJECT ARCHITECT

TECHNOLOGY CONSULTANT



EVERBASE
SOLUTIONS
DENVER | CO

O: 855-255-5521
WWW.EVERBASESOLUTIONS.COM

PROJECT INFORMATION

BLDG A 4TH STREET CONDOS
47 W 5TH STREET SILVERTHORNE, CO

ORIGINAL ISSUANCE:	DATE:
50% CD SET	03/21/23
NOT FOR CONSTRUCTION	
REVISIONS	
REVISION	DATE
DELTA	

SYSTEM DESIGNER:	AD/AF
SYSTEM REVIEWER:	LR
ECS JOB NUMBER:	ES-3247

SHEET INFORMATION:
SHEET TITLE:
CCTV SCHEDULE & DIAGRAM
SHEET NUMBER:

TS902