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

SHEET NUMBER	SHEET DESCRIPTION	ISSUANCE TITLE	ISSUE DATE	REVISION TITLE	REVISION DATE
Technology Se	t - 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 Se	t - 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 Se	t - 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		

MASTER KEYNOTE LEGEND			
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.		

ANNOTATION LEGEND:

APPLICABLE CODE SERIES: 2018 INTERNATIONAL BUILDING CODE 2018 INTERNATIONAL RESIDENTIAL CODE **GRAPHIC SCALE** 2018 INTERNATIONAL MECHANICAL CODE

2018 INTERNATIONAAL ENERGY CONSERVATION CODE 2018 INTERNATIONAL FIRE CODE

ICC/ANSI A117.1 2009 ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES A2 ASSEMBLY AT LEVELS 1

PARKING AT LEVEL 1 RESIDENTIAL AT LEVELS 2 THRU 3 NORTH ARROW REFERENCE CONSTRUCTION TYPE: TYPE VB AT LEVELS 1 THRU 3

PRIMARY BUILDING USE: RESIDENTIAL BUILDING FLOORS: 3 LEVELS ABOVE GRADE

2020 NATIONAL ELETRICAL CODE

S1 STORAGE ROOMS AT LEVEL 1

SECTION REFERENCE 72 TOTAL UNITS IN PROJECT

DETAIL ID SHEET ID

DETAIL REFERENCE

ELEVATION REFERENCE

SHEET ID

ABBREVIATIONS:

PROJECT CODE SUMMARY:

OCCUPATION GROUP:

UNITS:

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 HDWR - 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

WM - WALL MOUNTED

WAP - WIRELESS ACCESS POINT

SET GENERAL NOTES:

WITH OTHER TRADES AND LOCAL CODE(S)

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

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 REFER TO ARCHITECTURAL DRAWINGS FOR MINIMUM CLEARANCE REQUIREMENTS TO DUCTWORK, CONDUIT, CABLE TRAY, LIGHTING, ETC. ALL DATA CABLING

TERMINATIONS TO FOLLOW ANSI/TIA-568-E ALL WORK SHOULD BE PERFORMED TO CURRENT TIA STANDARDS ALL STRUCTURED CABLING TO BE PERFORMED BY INSTALLERS POSSESSING ONE OF THE FOLLOWING CERTIFICATIONS/CREDENTIALS IN GOOD STANDING:

CNCI (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.

DESIGN SCOPE DOES NOT INCLUDE DATA FOR UTILITY SUBMETERING, TYP. TECHNOLOGY DRAWING SET DOES NOT INCLUDE SCOPE FOR LOW VOLTAGE LIGHTING, INCLUDING LED STRIPS AND FIXTURES, OR LOW VOLTAGE POWER, INCLUDING ANY USB VARIATION OF CHARGING OR POWER SUPPLY. THESE SCOPES ARE COVERED BY THE LIGHTING AND POWER PLANS RESPECTIVELY, TYP. 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. NOTE: EMERGENCY LINES ARE CALLED OUT FOR POOL AREAS AND ELEVATORS AS REQUIRED BY RESPECTIVE AHJ. 13. 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 DIRECTORY:

MILENDER WHITE 12655 W 54TH DRIVE ARVADA, CO 80002 P: (303) 216-0420

> CRAINE ARCHITECTURE 2490 WELTON ST **DENVER, CO & 80205** P: (720) 457-2012

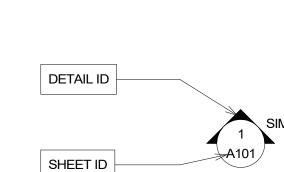
ELECTRICAL ENGINEER: MDP ENGINEERING 1800 GLENARM PL **DENVER, CO 80212** P: (303) 389-0095

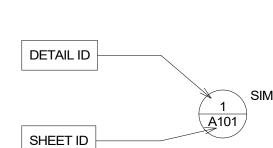
CIVIL ENGINEER: TETRA TECH 130 SKI HILL ROAD SUITE 140 BRECKENRIDGE, CO 80424 P: (970) 453-6394

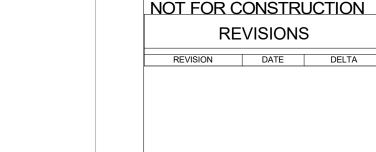
LANDSCAPE ARCHITECT DTJ DESIGN 3101 IRIS AVE BOULDER, CO 80301 P: (303) 443-7533

TECHNOLOGY CONSULTANT: **EVERBASE SOLUTIONS** DENVER | CO O: 885-255-5521









ORIGINAL ISSUANCE:

TECHNOLOGY CONSULTANT

EVERBASE

SOLUTIONS

O: 855-255-5521

WWW.EVERBASESOLUTIONS.COM

SYSTEM DESIGNER: SYSTEM REVIEWER: ECS JOB NUMBER: ES-3247 SHEET INFORMATION:

BUILDING TECHNOLOGY PROJECT COVER SHEET

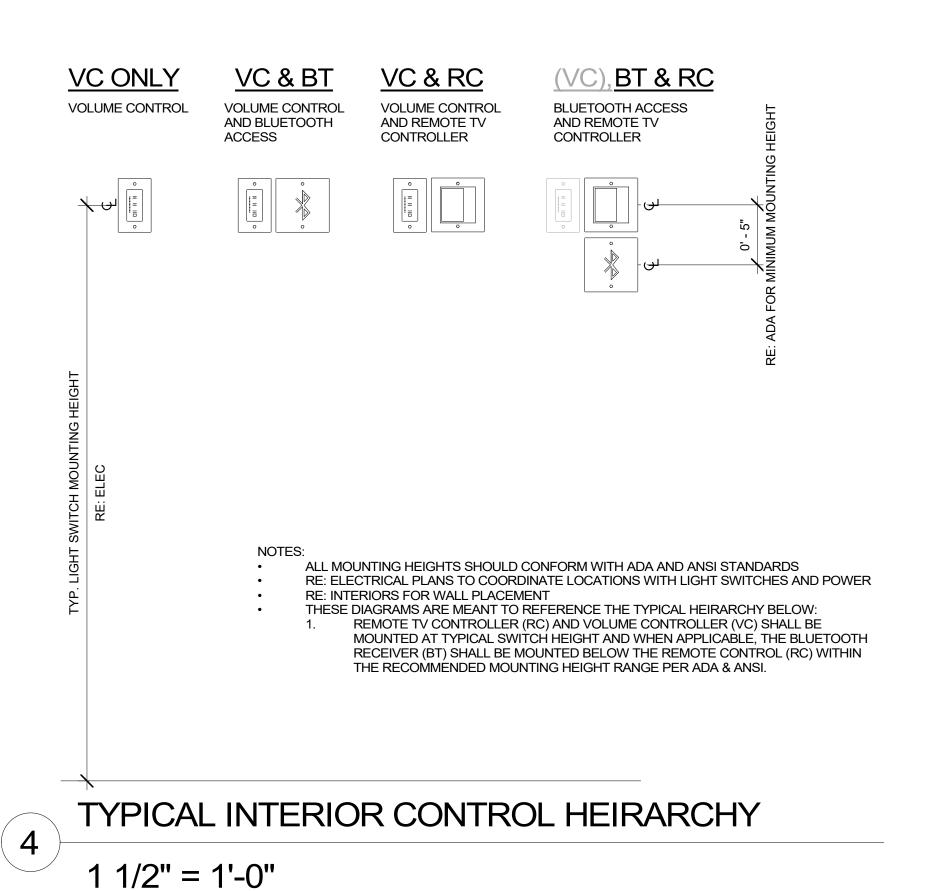
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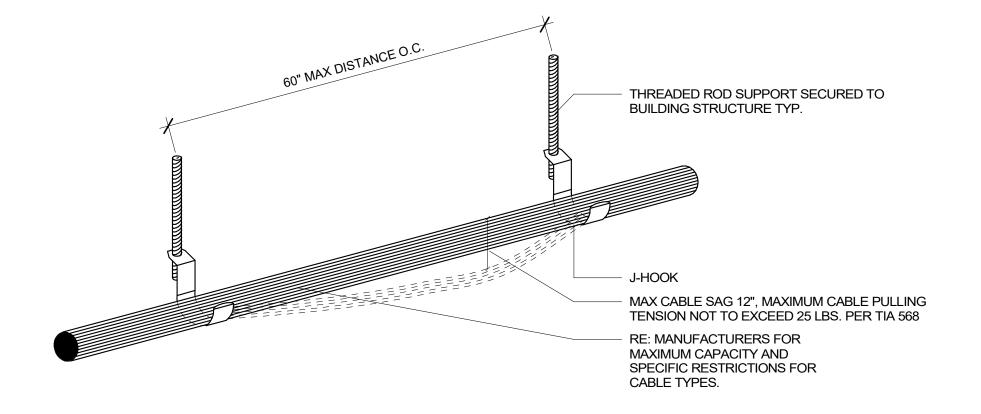
SHEET TITLE:

VAULT SPACING DETAIL

	PROVIDER A VAULT DETAIL	PROVIDER B VAULT DE	TAIL BUII	LDING NETWORK VAULT D	<u>ETAIL</u>
	SERVICE TO BLDG SERVICE OUT 1 VAULT/PEDEST		SERVICE OUT TO NEXT VAULT/PEDESTAL	SERVICE TO BLDG	
1-4" C	CONDUIT 1-4" CONDUIT	1-4" CONDUIT	4" CONDUIT 1-4" C	ONDUIT	CONDUIT
ERVICE IN	1-2" CONDUITS SEF	RVICE IN 1-2" CONDUITS	SERVICE IN	1-2" CONDUITS	
ONDUIT (& VAULT NOTES:	REQUIRED SERVIC	E PROVIDER CONDUIT	CLEARANCES:	
				CLEARANCES:	
SEE S	SHEET TD-010 FOR CONDUIT ROUTING	• 12" SEPARATION	FROM POWER OR GAS LINES		
SEE S COND	SHEET TD-010 FOR CONDUIT ROUTING DUIT COUNTS VARY PER VAULT BASED ON NUMBER	• 12" SEPARATION R OF BUILDINGS • 24" MINIMUM DEI	FROM POWER OR GAS LINES PTH OF COVER ABOVE CONDUI	т	
SEE S COND SERV	SHEET TD-010 FOR CONDUIT ROUTING DUIT COUNTS VARY PER VAULT BASED ON NUMBER	12" SEPARATION 24" MINIMUM DEI DO NOT ROUTE	FROM POWER OR GAS LINES	т	
SEE S COND SERVI COND COND	SHEET TD-010 FOR CONDUIT ROUTING DUIT COUNTS VARY PER VAULT BASED ON NUMBER ED DUIT SWEEPS MUST BE A MINIMUM OF 36" DUIT RUNS NOT TO EXCEED 270° OF BEND, WIDE SW	12" SEPARATION 24" MINIMUM DEI DO NOT ROUTE OTHER SITE OBS VEEPS EXEMPT PREVENT FUTUR	FROM POWER OR GAS LINES PTH OF COVER ABOVE CONDUIT CONDUIT UNDER ANY CONDUIT	т	
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SEE S COND SERVI COND COND LABEL VAUL FROM VAUL	SHEET TD-010 FOR CONDUIT ROUTING DUIT COUNTS VARY PER VAULT BASED ON NUMBER ED DUIT SWEEPS MUST BE A MINIMUM OF 36" DUIT RUNS NOT TO EXCEED 270° OF BEND, WIDE SW L CONDUIT DESTINATION ON EACH END OF ALL CON T TO BE BONDED TO TRANSFORMER GROUND IF LE TRANSFORMER LOCATION T TO INCLUDE 12" DIAMETER BY 4" DEEP SUMP REC ICE PROVIDER VAULTS ARE TO BE PROVIDED BY TH	• 12" SEPARATION • 24" MINIMUM DEI • DO NOT ROUTE • OTHER SITE OBS VEEPS EXEMPT • PREVENT FUTUE NDUITS ESS THAN 10' CESS	FROM POWER OR GAS LINES PTH OF COVER ABOVE CONDUIT CONDUIT UNDER ANY CONDUIT STRUCTIONS WHICH COULD RE MAINTENANCE SEE DATACO	T , PIPING, OR	
SEE S COND SERVI COND COND LABEL VAUL ^T FROM VAUL ^T SERVI	SHEET TD-010 FOR CONDUIT ROUTING DUIT COUNTS VARY PER VAULT BASED ON NUMBER ED DUIT SWEEPS MUST BE A MINIMUM OF 36" DUIT RUNS NOT TO EXCEED 270° OF BEND, WIDE SW L CONDUIT DESTINATION ON EACH END OF ALL CON T TO BE BONDED TO TRANSFORMER GROUND IF LE TRANSFORMER LOCATION T TO INCLUDE 12" DIAMETER BY 4" DEEP SUMP REC ICE PROVIDER VAULTS ARE TO BE PROVIDED BY TH	• 12" SEPARATION • 24" MINIMUM DEI • DO NOT ROUTE • OTHER SITE OBS VEEPS EXEMPT • PREVENT FUTUE NDUITS ESS THAN 10' CESS HE RESPECTIVE	FROM POWER OR GAS LINES PTH OF COVER ABOVE CONDUIT CONDUIT UNDER ANY CONDUIT STRUCTIONS WHICH COULD RE MAINTENANCE SEE DATACO	T , PIPING, OR DMM SITE PLAN	
SEE S COND SERVI COND COND LABEL VAUL ⁻ FROM VAUL ⁻ SERVI SERVI BUILD	SHEET TD-010 FOR CONDUIT ROUTING DUIT COUNTS VARY PER VAULT BASED ON NUMBER ED DUIT SWEEPS MUST BE A MINIMUM OF 36" DUIT RUNS NOT TO EXCEED 270° OF BEND, WIDE SW L CONDUIT DESTINATION ON EACH END OF ALL CON T TO BE BONDED TO TRANSFORMER GROUND IF LE TRANSFORMER LOCATION T TO INCLUDE 12" DIAMETER BY 4" DEEP SUMP REC ICE PROVIDER VAULTS ARE TO BE PROVIDED BY TH	• 12" SEPARATION • 24" MINIMUM DEI • DO NOT ROUTE • OTHER SITE OBS PREVENT FUTUE NDUITS ESS THAN 10' CESS HE RESPECTIVE	FROM POWER OR GAS LINES PTH OF COVER ABOVE CONDUIT CONDUIT UNDER ANY CONDUIT STRUCTIONS WHICH COULD RE MAINTENANCE SEE DATACO	T , PIPING, OR DMM SITE PLAN	
SEE S COND SERVI COND COND LABEL VAUL FROM VAUL SERVI SERVI BUILD CABLI	SHEET TD-010 FOR CONDUIT ROUTING DUIT COUNTS VARY PER VAULT BASED ON NUMBER ED DUIT SWEEPS MUST BE A MINIMUM OF 36" DUIT RUNS NOT TO EXCEED 270° OF BEND, WIDE SW L CONDUIT DESTINATION ON EACH END OF ALL CON T TO BE BONDED TO TRANSFORMER GROUND IF LE TRANSFORMER LOCATION T TO INCLUDE 12" DIAMETER BY 4" DEEP SUMP REC ICE PROVIDER VAULTS ARE TO BE PROVIDED BY TH ICE PROVIDERS, TYP. DING NETWORK VAULT IS TO BE PROVIDED BY OWN E BETWEEN JOINT TRENCH AND VAULT LOCATIONS	• 12" SEPARATION • 24" MINIMUM DEI • DO NOT ROUTE • OTHER SITE OBS VEEPS EXEMPT • PREVENT FUTUF NDUITS ESS THAN 10' CESS HE RESPECTIVE JER/GC, TYP. S TO BE IN	FROM POWER OR GAS LINES PTH OF COVER ABOVE CONDUIT CONDUIT UNDER ANY CONDUIT STRUCTIONS WHICH COULD RE MAINTENANCE SEE DATACO	T , PIPING, OR DMM SITE PLAN	
SEE S COND SERVI COND COND LABEL VAUL FROM VAUL SERVI SERVI BUILD CABLE COND	SHEET TD-010 FOR CONDUIT ROUTING DUIT COUNTS VARY PER VAULT BASED ON NUMBER ED DUIT SWEEPS MUST BE A MINIMUM OF 36" DUIT RUNS NOT TO EXCEED 270° OF BEND, WIDE SW L CONDUIT DESTINATION ON EACH END OF ALL CON T TO BE BONDED TO TRANSFORMER GROUND IF LE TRANSFORMER LOCATION T TO INCLUDE 12" DIAMETER BY 4" DEEP SUMP REC ICE PROVIDER VAULTS ARE TO BE PROVIDED BY TH	• 12" SEPARATION • 24" MINIMUM DEI • DO NOT ROUTE • OTHER SITE OBS PREVENT FUTUF NDUITS ESS THAN 10' CESS HE RESPECTIVE JER/GC, TYP. S TO BE IN P. CONDUIT ALSO	FROM POWER OR GAS LINES PTH OF COVER ABOVE CONDUIT CONDUIT UNDER ANY CONDUIT STRUCTIONS WHICH COULD RE MAINTENANCE SEE DATACO	T , PIPING, OR DMM SITE PLAN	

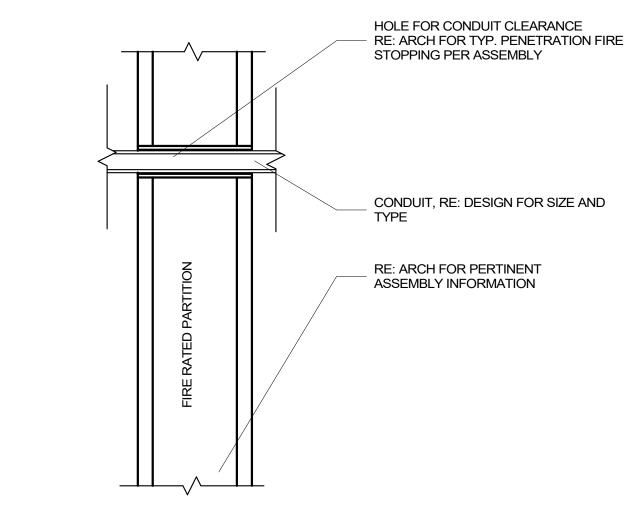
CARRIER VAULT DETAIL - TYP.





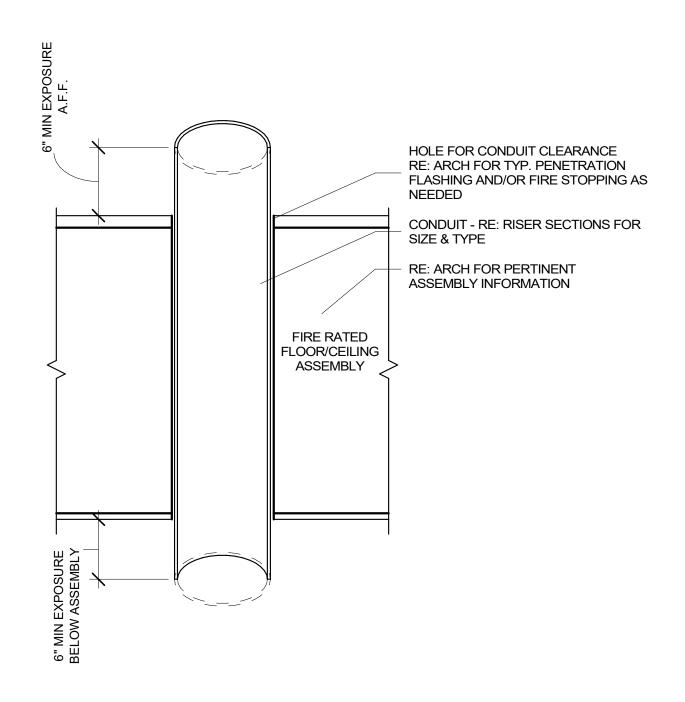
J-HOOK CABLE SUPPORT TYPICAL DETAIL

NTS



CONDUIT PENETRATION - RATED WALL ASSEMBLY

3" = 1'-0"



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

TECHNOLOGY CONSULTANT

EVERBASE
SOLUTIONS
DENVER | CO

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

BLDG A 4TH STREET CONDOS

ORIGINAL ISSUANCE: DATE

50% CD SET 03/31/21

NOT FOR CONSTRUCTION

REVISIONS

REVISION DATE DELTA

SYSTEM DESIGNER:

AD/AF

SYSTEM REVIEWER:

LR

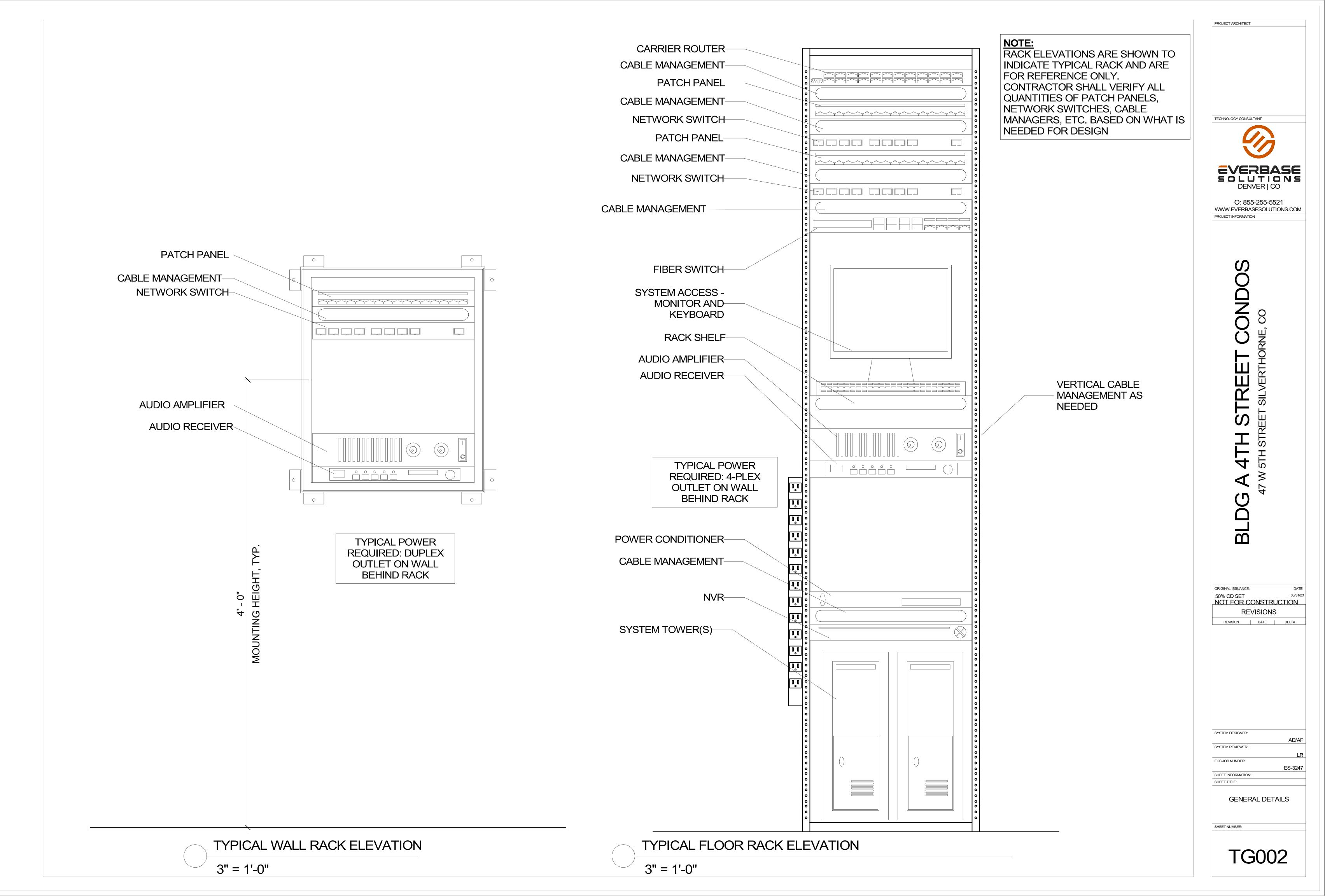
ECS JOB NUMBER:

GENERAL DETAILS

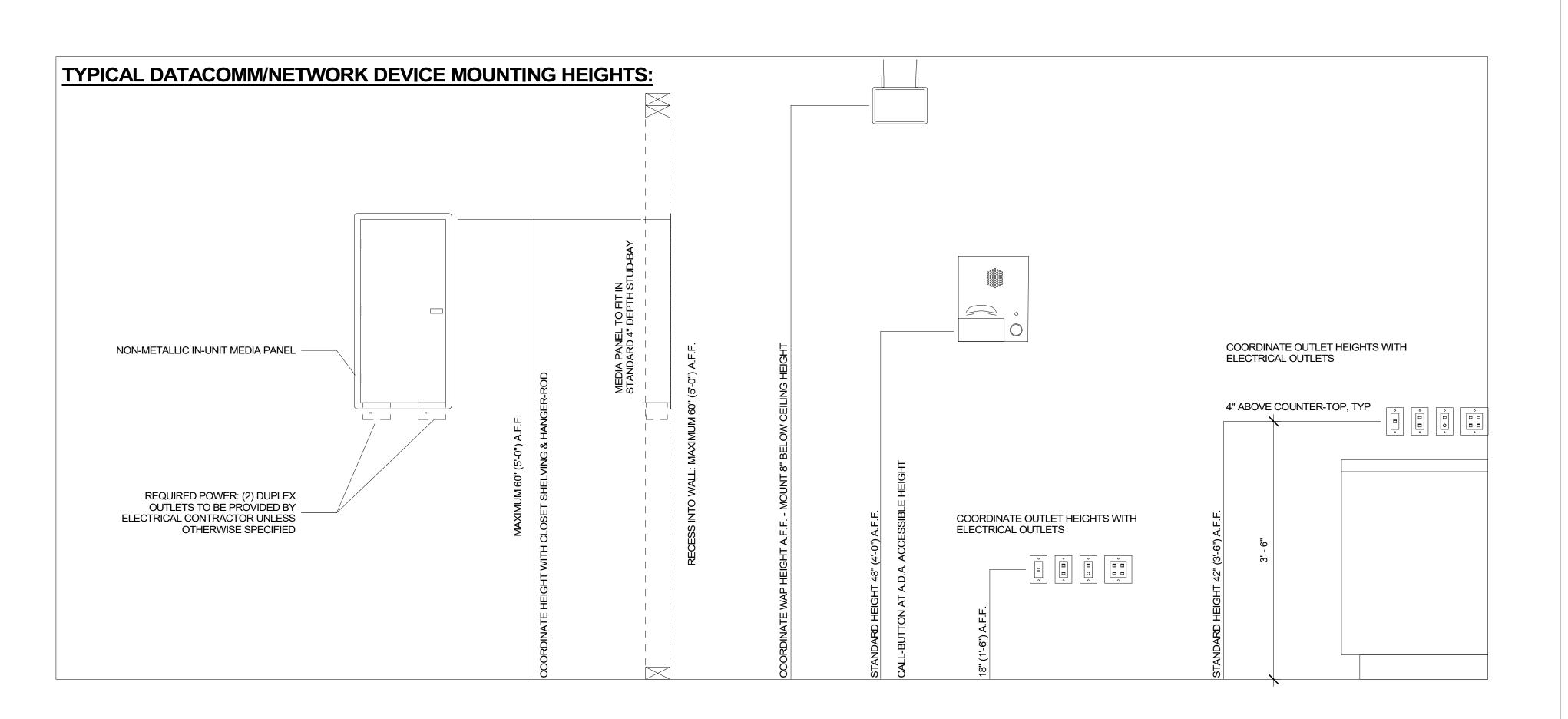
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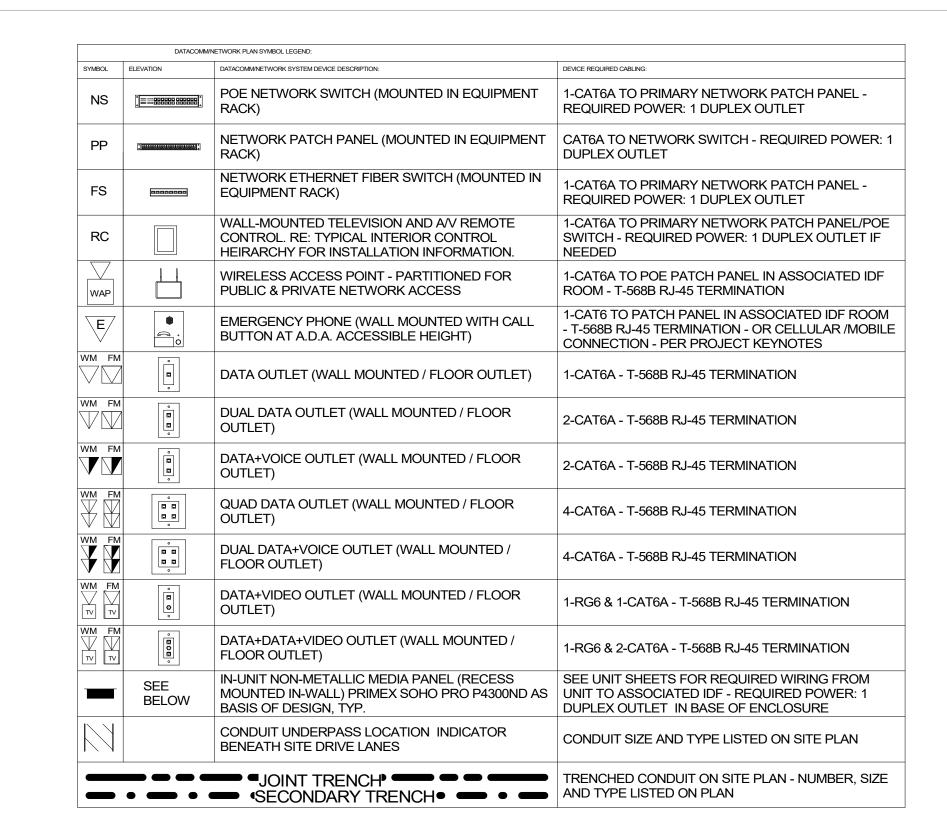
SHEET INFORMATION:

TG001



SHEET NUMBER	SHEET DESCRIPTION	ISSUANCE TITLE	ISSUE DATE	REVISION TITLE	REVISION DATE
Technology Se	t - DataComm/Network System Sheets	-		1	1
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		
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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 CONSULTANT

EVERBASE SOLUTIONS DENVER | CO

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WWW.EVERBASESOLUTIONS.COM
PROJECT INFORMATION

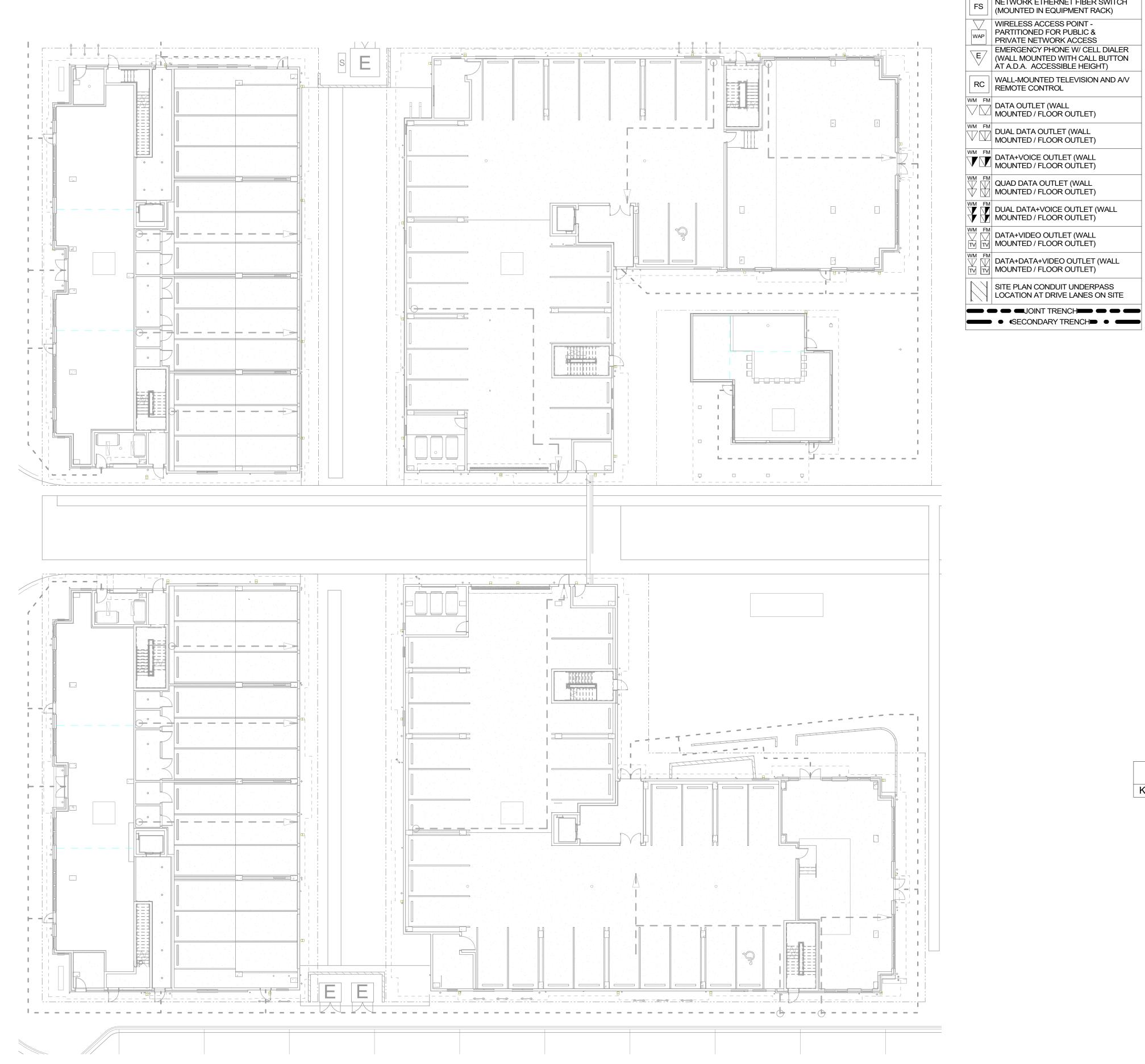
G A 4TH STREET CONDOS
47 W 5TH STREET SILVERTHORNE, CO

ORIGINAL ISSUANCE:		DATE:
50% CD SET		03/31/23
NOT FOR C	ONSTRUC	CTION
RE	VISIONS	
REVISION	DATE	DELTA
SYSTEM DESIGNER:		AD/AF
SYSTEM REVIEWER:		
		LR
ECS JOB NUMBER:		ES-3247
SHEET INFORMATION	:	
SHEET TITLE:	·	
	MM/NETW COVER SI	

A-TD000

SHEET NUMBER:

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



DATACOMM GENERAL NOTES

REFER TO SHEET TD-000 FOR STANDARD POE NETWORK SWITCH (MOUNTED NS | | IN EQUIPMENT RACK) DATACOMM/NETWORK DEVICE CABLING REQUIREMENTS & MOUNTING HEIGHTS RE: TG-002 FOR TYPICAL WALL MOUNTED AND NETWORK PATCH PANEL FLOOR MOUNTED RACK ELEVATIONS. THESE (MOUNTED IN EQUIPMENT RACK)

DATACOMM/NETWORK PLAN SYMBOL LEGEND:

YMBOL DATACOMM/NETWORK SYSTEM DEVICE DESCRIPTION:

NETWORK ETHERNET FIBER SWITCH

EMERGENCY PHONE W/ CELL DIALER

(WALL MOUNTED WITH CALL BUTTON

WALL-MOUNTED TELEVISION AND A/V

AT A.D.A. ACCESSIBLE HEIGHT)

WIRELESS ACCESS POINT -

PARTITIONED FOR PUBLIC &

PRIVATE NETWORK ACCESS

DATA OUTLET (WALL

MOUNTED / FLOOR OUTLET)

DUAL DATA OUTLET (WALL

QUAD DATA OUTLET (WALL

MOUNTED / FLOOR OUTLET)

MOUNTED / FLOOR OUTLET)

MOUNTED / FLOOR OUTLET)

DATA+VIDEO OUTLET (WALL

MOUNTED / FLOOR OUTLET)

DATA+DATA+VIDEO OUTLET (WALL

LOCATION AT DRIVE LANES ON SITE

SITE PLAN CONDUIT UNDERPASS

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

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

CONDITIONS, EVERBASE CONSULTING THIS AFFECTS THE PROVIDERS DESIGN WIRELESS ACCESS POINTS TO PROVIDE

LOCATIONS

TO BE ROUTED TO NEAREST WALL THAT EXTENDS TO AN ACCESSIBLE CEILING MDF/IDF LAYOUTS ARE SCHEMATIC IN NATURE,

AND METHODS. WHEN MULTIPLE CARRIERS ARE PRESENT IN AN MDF/IDF ROOM, EACH CARRIER'S HOME RUN

ALLOW 48" MIN. CLEARANCE BETWEEN ANY LOW VOLTAGE EQUIPMENT AND ELECTRICAL TRANSFORMERS PER THE LATEST VERSION OF

ALLOW 36" MIN. CLEARANCE BETWEEN ANY LOW VOLTAGE EQUIPMENT AND ANY ELECTRICAL EQUIPMENT, PER THE LATEST VERSION OF TIA

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

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

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

Key Value

TECHNOLOGY CONSULTANT **EVERBASE** SOLUTIONS

PROJECT ARCHITECT

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

ONDO

DENVER | CO

BACKBONE CONDUIT TO BE LIMITED TO 270° OF

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 SOLUTIONS IS TO BE IMMEDIATELY NOTIFIED AS

PARTITIONED NETWORK ACCESS FOR PUBLIC & FOR SECURE STAFF-ONLY NETWORK ACCESS BLOCKING REQUIRED AT ALL COMMON AREA TV

COORDINATE ROUGH-IN OF ALL FLOOR OUTLETS WITH ELECTRICAL CONTRACTOR - CONDUIT IS

ACTUAL INSTALLATION MAY VARY BASED ON FIELD CONDITIONS AND INTEGRATION MEANS

CABLING SHALL BE IN SEPARATE SLEEVING.

21. PLYWOOD INSTALLED IN MDF/IDF ROOMS SHALL

ANY ELECTRIC VEHICLE CHARGING STATIONS TO BE CELLULAR DATA CONNECTION CAPABLE

SERVICED WITH TRANSFER FANS. INDICATES A SPECIFIC SHAFT IS TO BE USED.

KEYNOTE LEGEND

SCALE

Keynote Text

SYSTEM DESIGNER: SYSTEM REVIEWER: ECS JOB NUMBER: ES-3247 SHEET INFORMATION:

SHEET TITLE:

SHEET NUMBER:

ORIGINAL ISSUANCE: 50% CD SET

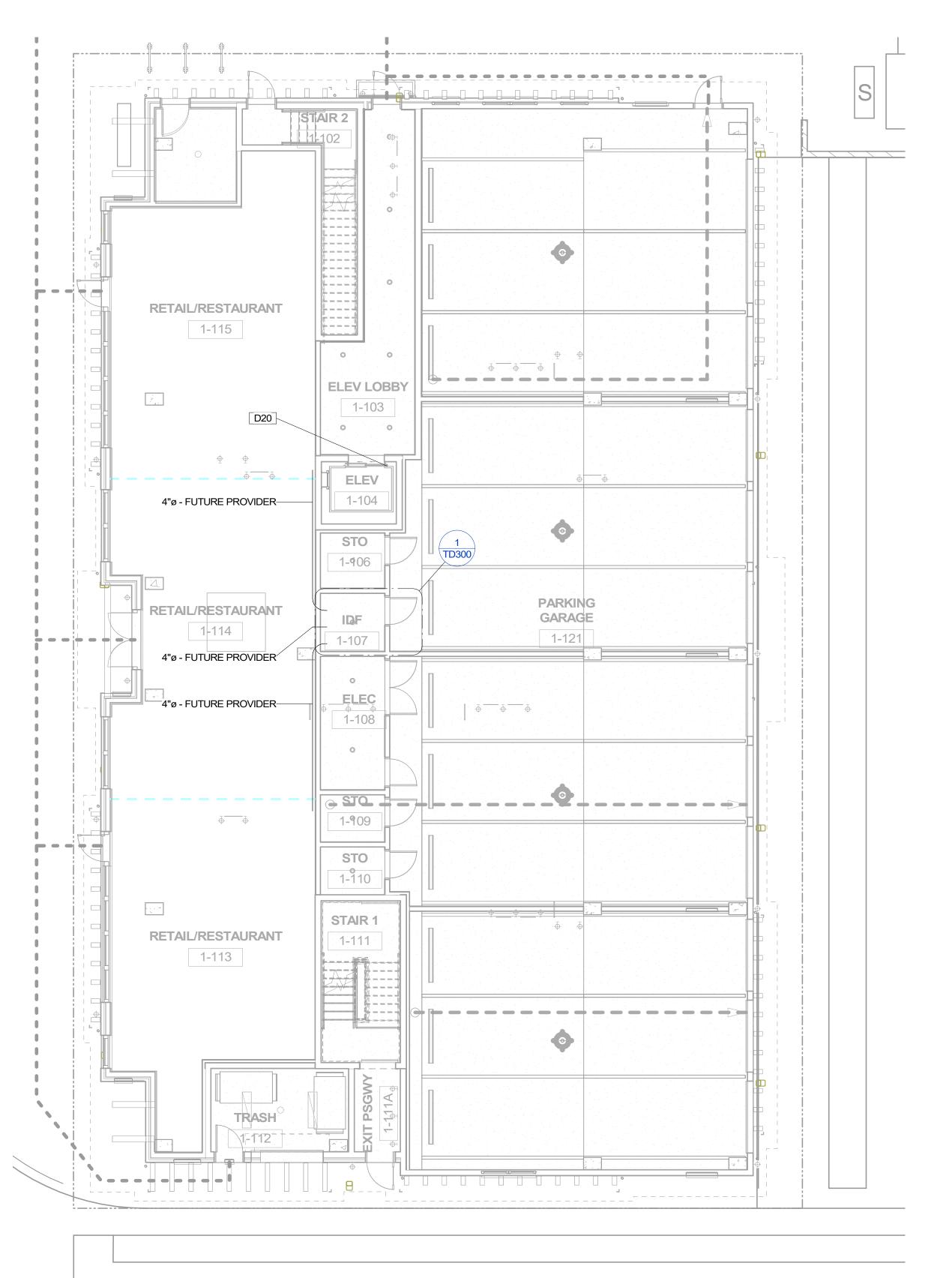
NOT FOR CONSTRUCTION REVISIONS

REVISION DATE DELTA

SITE PLAN -DATACOMM/NETWORK SYSTEM LAYOUT

A-TD010

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



DATACOMMNETWORK PLAN SYMBOL LEGEND:

SYMBOL DATACOMMNETWORK 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)

VIRELESS ACCESS POINT - PARTITIONED FOR PUBLIC & PRIVATE NETWORK ACCESS

EMERGENCY PHONE W/ CELL DIALER (WALL MOUNTED WITH CALL BUTTON)

DATACON

1. REFER TO DATACON
REQUIREM
2. REFER TO SPECIFIC INSTALLER
SPECIFIC INSTALLER
COMPONE
FUNCTION
SECTION SECTION

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)

ÀT A.D.A. ACCESSIBLE HEIGHT)

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)

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

 REST TO 002 FOR TYPICAL WALL MOUNTED A
- 2. 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.
 - 3. 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

 B. ELECTRICAL CONTRACTOR TO PROVIDE POWER

 AS SPECIFIED

 FLECTRICAL CONTRACTOR TO PROVIDE POTAL

 C
 - ELECTRICAL CONTRACTOR TO PROVIDE BOTH TRENCH AND ABOVE GROUND CONDUIT AS SPECIFIED
 - 0. 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 2. ELECTRICAL CONTRACTOR TO PROVIDE #6
- 12. ELECTRICAL CONTRACTOR TO PROVIDE #6
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 PROVIDER TERMINATIONS
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 CONDITIONS, EVERBASE CONSULTING
 SOLUTIONS IS TO BE IMMEDIATELY NOTIFIED AS
 THIS AFFECTS THE PROVIDERS DESIGN
 14. WIRELESS ACCESS POINTS TO PROVIDE
- PARTITIONED NETWORK ACCESS FOR PUBLIC &
 FOR SECURE STAFF-ONLY NETWORK ACCESS

 15. BLOCKING REQUIRED AT ALL COMMON AREA TV
 LOCATIONS
- WITH ELECTRICAL CONTRACTOR CONDUIT IS
 TO BE ROUTED TO NEAREST WALL THAT
 EXTENDS TO AN ACCESSIBLE CEILING

 17. MDF/IDF LAYOUTS ARE SCHEMATIC IN NATURE,
 ACTUAL INSTALLATION MAY VARY BASED ON

COORDINATE ROUGH-IN OF ALL FLOOR OUTLETS

- ACTUAL INSTALLATION MAY VARY BASED ON FIELD CONDITIONS AND INTEGRATION MEANS AND METHODS.

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- 20. ALLOW 36" MIN. CLEARANCE BETWEEN ANY LOW VOLTAGE EQUIPMENT AND ANY ELECTRICAL EQUIPMENT, PER THE LATEST VERSION OF TIA
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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.			



0 4 8 12 16 20 24 "= 1'-0" SCALE FEET ORIGINAL ISSUANCE: DATE:
50% CD SET 03/31/23
NOT FOR CONSTRUCTION
REVISIONS

TECHNOLOGY CONSULTANT

PROJECT INFORMATION

ONDO

EVERBASE

SOLUTIONS

DENVER | CO

O: 855-255-5521

WWW.EVERBASESOLUTIONS.COM

REVISION DATE DELTA

SYSTEM DESIGNER:

AD/AI

SYSTEM REVIEWER:

LI

ECS JOB NUMBER:

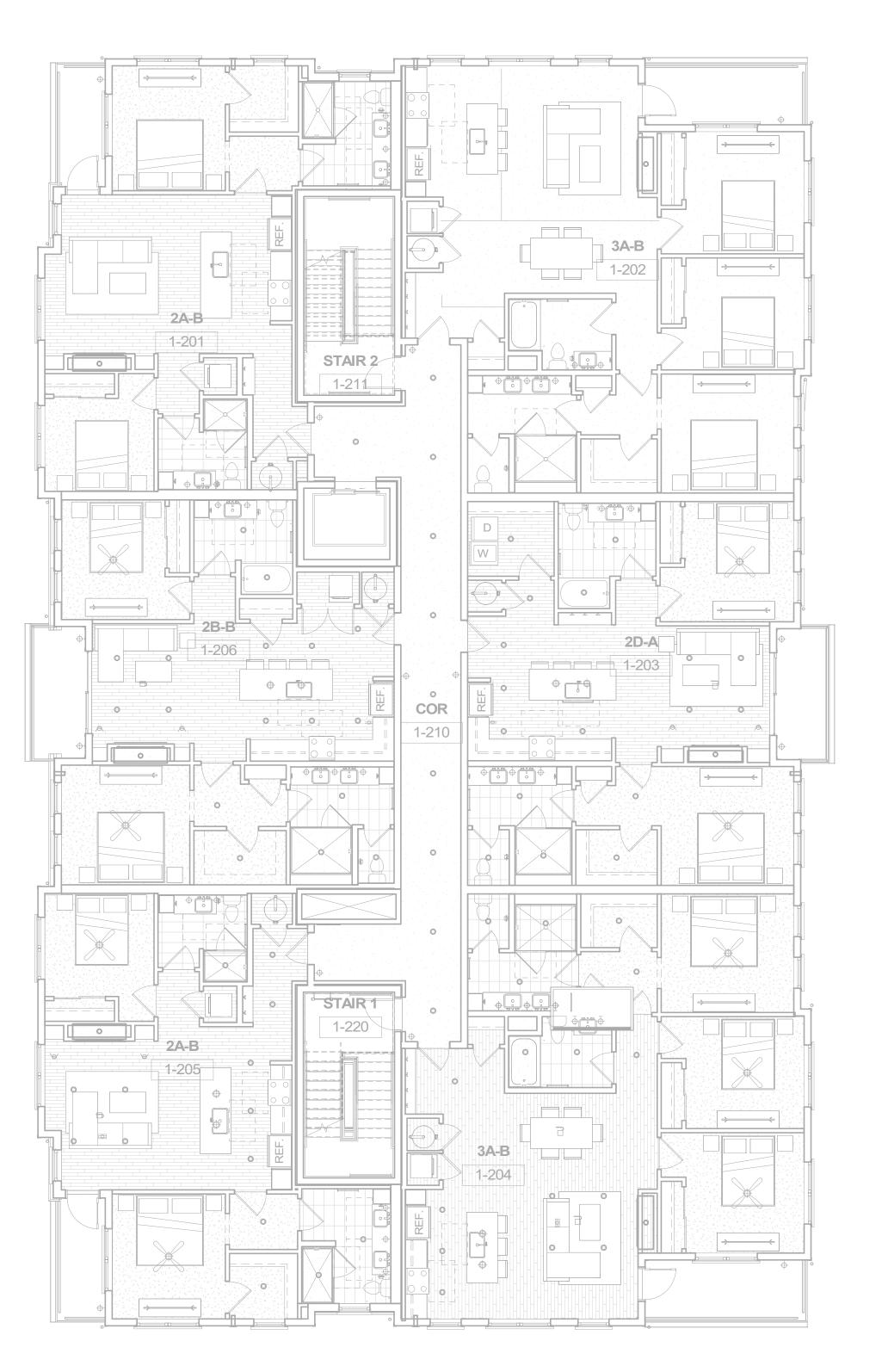
ES-324

SHEET INFORMATION:

SHEET TITLE:

BLDG A LEVEL 1 -DATACOMM/NETWORK SYSTEM LAYOUT

A-TD201



BLDG A LEVEL 2 -DATACOMM/NETWORK SYSTEM LAYOUT

1/8" = 1'-0"

DATACOMM GENERAL NOTES

SYMBOL DATACOMM/NETWORK SYSTEM DEVICE DESCRIPTION: POE NETWORK SWITCH (MOUNTED NS | NEQUIPMENT RACK)

DATACOMM/NETWORK PLAN SYMBOL LEGEND:

NETWORK PATCH PANEL (MOUNTED IN EQUIPMENT RACK)

NETWORK ETHERNET FIBER SWITCH (MOUNTED IN EQUIPMENT RACK)

WIRELESS ACCESS POINT -PARTITIONED FOR PUBLIC & PRIVATE NETWORK ACCESS

(WALL MOUNTED WITH CALL BUTTON AT A.D.A. ACCESSIBLE HEIGHT) WALL-MOUNTED TELEVISION AND A/V REMOTE CONTROL

EMERGENCY PHONE W/ CELL DIALER

DATA OUTLET (WALL MOUNTED / FLOOR OUTLET)

DUAL DATA OUTLET (WALL $\bigvee \bigvee$ MOUNTED / FLOOR OUTLET)

DATA+VOICE OUTLET (WALL MOUNTED / FLOOR OUTLET)

MOUNTED / FLOOR OUTLET) DUAL DATA+VOICE OUTLET (WALL

QUAD DATA OUTLET (WALL

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DATA+VIDEO OUTLET (WALL MOUNTED / FLOOR OUTLET)

DATA+DATA+VIDEO OUTLET (WALL MOUNTED / FLOOR OUTLET)

SITE PLAN CONDUIT UNDERPASS

LOCATION AT DRIVE LANES ON SITE

■ ■ ■ JOINT TRENCH■ ■ ■ ● SECONDARY TRENCH● ● ■■■

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

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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

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PARTITIONED NETWORK ACCESS FOR PUBLIC &

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KEYNOTE LEGEND

Key Value

Keynote Text

NOT FOR CONSTRUCTION REVISIONS REVISION DATE DELTA

ORIGINAL ISSUANCE:

TECHNOLOGY CONSULTANT

PROJECT INFORMATION

ONO O

EVERBASE

SOLUTIONS

DENVER | CO

O: 855-255-5521

WWW.EVERBASESOLUTIONS.COM

SYSTEM DESIGNER: SYSTEM REVIEWER:

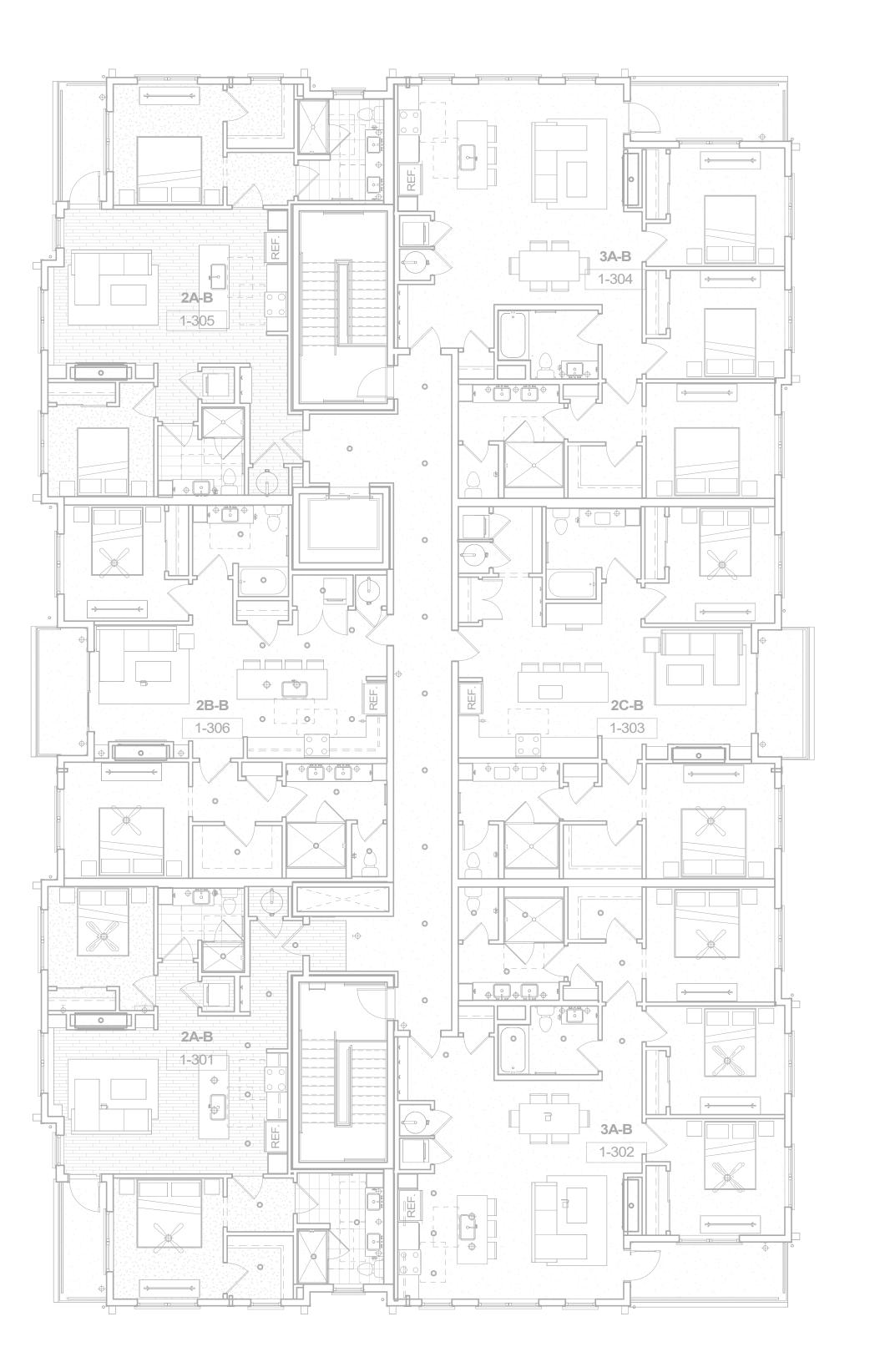
ECS JOB NUMBER: SHEET INFORMATION:

BLDG A LEVEL 2 -DATACOMM/NETWORK

SYSTEM LAYOUT

SHEET TITLE:

A-TD211



DATACOMM GENERAL NOTES

SYMBOL DATACOMM/NETWORK SYSTEM DEVICE DESCRIPTION: POE NETWORK SWITCH (MOUNTED IN EQUIPMENT RACK)

DATACOMM/NETWORK PLAN SYMBOL LEGEND:

NETWORK PATCH PANEL (MOUNTED IN EQUIPMENT RACK)

NETWORK ETHERNET FIBER SWITCH (MOUNTED IN EQUIPMENT RACK) WIRELESS ACCESS POINT -PARTITIONED FOR PUBLIC &

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WALL-MOUNTED TELEVISION AND A/V REMOTE CONTROL

DATA OUTLET (WALL MOUNTED / FLOOR OUTLET)

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MOUNTED / FLOOR OUTLET) DUAL DATA+VOICE OUTLET (WALL

MOUNTED / FLOOR OUTLET) DATA+VIDEO OUTLET (WALL

MOUNTED / FLOOR OUTLET)

DATA+DATA+VIDEO OUTLET (WALL MOUNTED / FLOOR OUTLET)

> SITE PLAN CONDUIT UNDERPASS LOCATION AT DRIVE LANES ON SITE

— — — JOINT TRENCH SECONDARY TRENCH

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

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WWW.EVERBASESOLUTIONS.COM

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

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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

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SYSTEM DESIGNER: SYSTEM REVIEWER:

SHEET INFORMATION: SHEET TITLE:

ORIGINAL ISSUANCE:

NOT FOR CONSTRUCTION REVISIONS REVISION DATE DELTA

SYSTEM LAYOUT

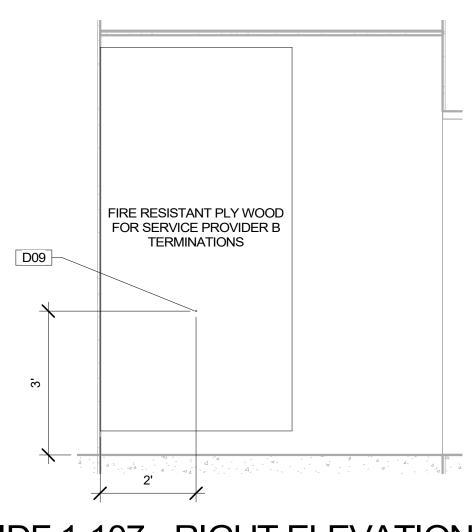
A-TD221

KEYNOTE LEGEND Keynote Text Key Value

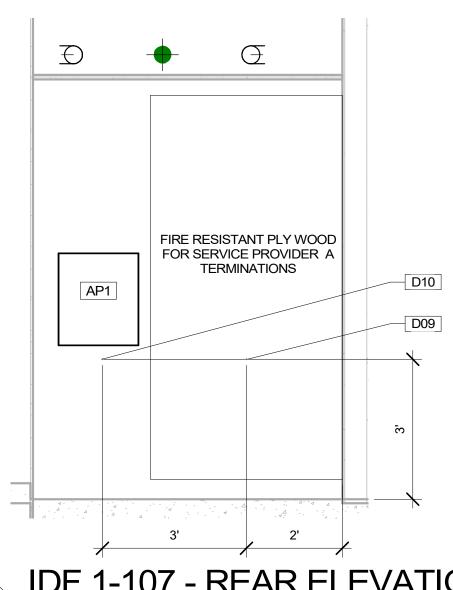
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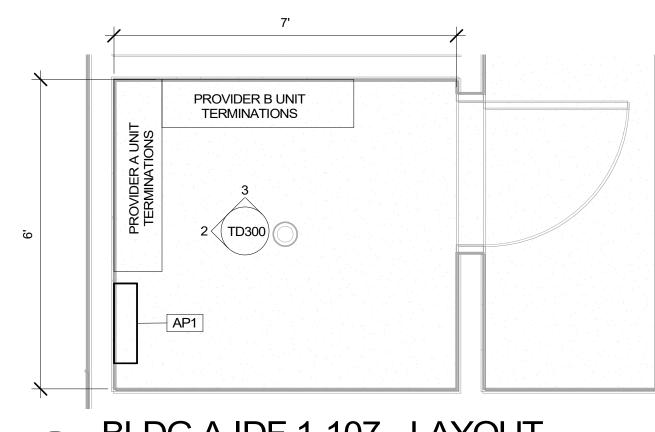
BLDG A LEVEL 3 -DATACOMM/NETWORK

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



IDF 1-107 - RIGHT ELEVATION





IDF 1-107 - REAR ELEVATION

BLDG A IDF 1-107 - LAYOUT

1/2" = 1'-0"

DATACOMM/NETWORK SYSTEM PLAN SYMBOL LEGEND SYMBOL DESCRIPTION NS RACK) - REQUIRED POWER: 1 DUPLEX OUTLET NETWORK PATCH PANEL (MOUNTED IN EQUIPMENT RACK) EQUIPMENT RACK) - REQUIRED POWER: 1 DUPLEX

| CCTV SYSTEM NETWORK VIDEO RECORDER (NVR) NVR (MOUNTED IN EQUIPMENT RACK) - REQUIRED DOWER: 1 DUPLEX OUTLET

AV EQUIPMENT RACK (SEE ZONE DESCRIPTION AV FOR MOUNTING) - REQUIRED POWER: 1 FOURPLEX OUTLET ON DEDICATED CIRCUIT

INTRUSION DETECTION SYSTEM CONTROLLER IDC (WALL MOUNTED) - REQUIRED POWER: 1 DUPLEX

ACCESS CONTROL PANEL & POWER SUPPLY AP# (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: 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.

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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

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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

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

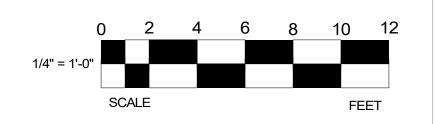
ANY ELECTRIC VEHICLE CHARGING STATIONS TO BE CELLULAR DATA CONNECTION CAPABLE

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 POWER REQUIREMENT: DUPLEX RECEPTACLE POWER REQUIREMENT: DUPLEX RECEPTACLE & J-BOX WITH 2 WHIPS FOR POWER SUPPLIES ON DEDICATED 20 AMP CIRCUIT



POE NETWORK SWITCH (MOUNTED IN EQUIPMENT NETWORK ETHERNET FIBER SWITCH (LOCATED IN

> TECHNOLOGY CONSULTANT **EVERBASE** SOLUTIONS DENVER | CO

PROJECT ARCHITECT

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

PROJECT INFORMATION

ORIGINAL ISSUANCE: 50% CD SET NOT FOR CONSTRUCTION REVISIONS

REVISION DATE DELTA

SYSTEM DESIGNER: SYSTEM REVIEWER: ECS JOB NUMBER: ES-3247 SHEET INFORMATION: SHEET TITLE:

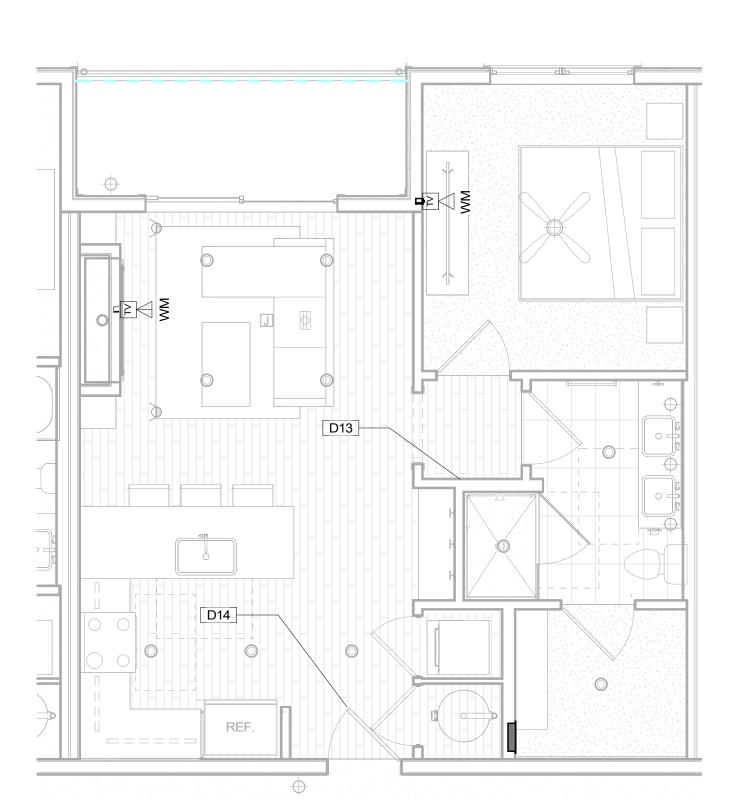
> BLDG A -DATACOMM/NETWORK MDF/IDF ELEVATIONS

TD300

SHEET NUMBER:

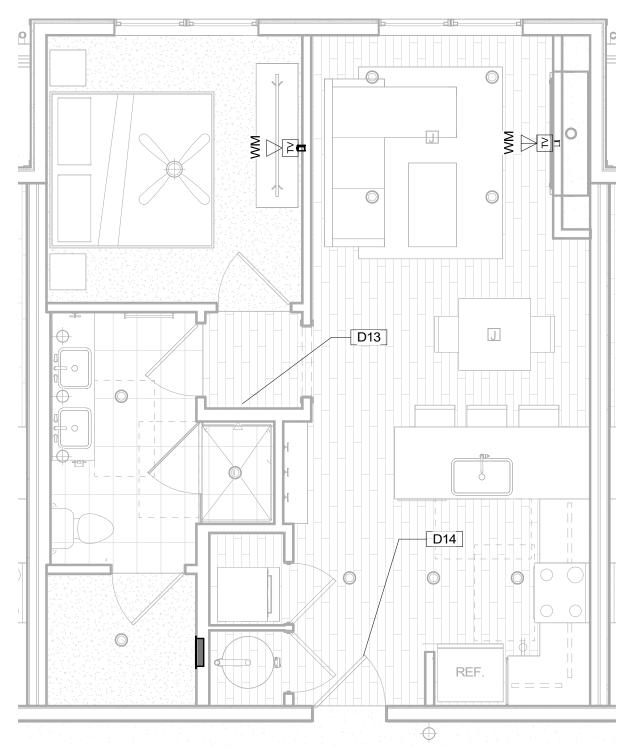


1/4" = 1'-0"



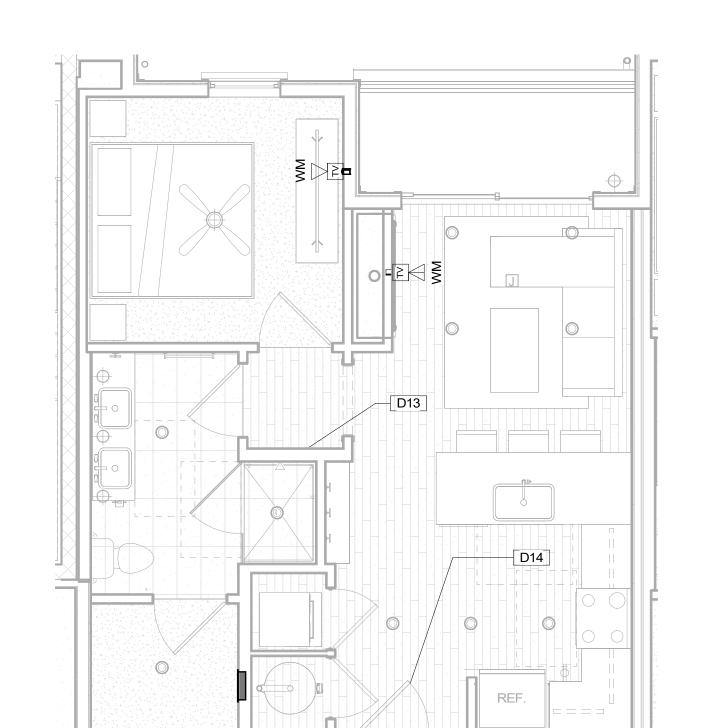
UNIT 1C - DATACOMM/NETWORK SYSTEM LAYOUT

1/4" = 1'-0"



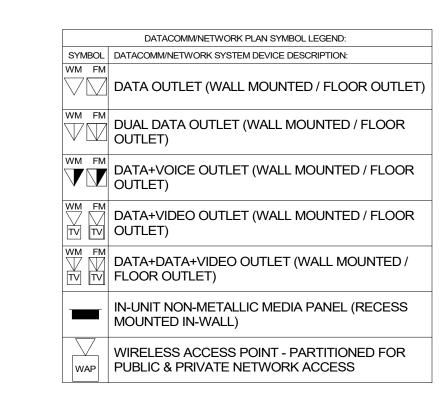
UNIT 1B-B -DATACOMM/NETWORK SYSTEM LAYOUT

1/4" = 1'-0"



UNIT 1A-B -DATACOMM/NETWORK SYSTEM LAYOUT

1/4" = 1'-0"



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
 4. RE: ELECTRICAL DRAWINGS & SPECIFICATIONS FOR
- FACEPLATE AND OUTLET COLORS, TYP.

 5. CABLE & CONDUIT ROUTING SUBJECT TO CHANGE
- BASED ON FIELD CONDITIONS
 6. ELECTRICAL CONTRACTOR TO PROVIDE POWER AS
- SPECIFIED

 7. UNIT HOMERUNS FROM EACH UNIT MEDIA PANEL TO ASSOCIATED IDF ROOM TO BE CONSISTENT WITH
 - SERVICE PROVIDER CONTRACTS. UNIT HOMERUN
 WIRING TO INCLUDE:

 A. **1-OPTICAL FIBER CABLE IN MICRODUCT
 CONDUIT AS PER SERVICE PROVIDER A
 - SPECIFICATIONS

 B. **1-OPTICAL FIBER CABLE IN MICRODUCT AS PER SERVICE PROVIDER B SPECIFICATIONS
- 8. COORDINATE ROUGH-IN OF ALL FLOOR OUTLETS WITH ELECTRICAL CONTRACTOR CONDUIT IS TO BE ROUTED TO NEAREST WALL THAT EXTENDS TO AN ACCESSIBLE CEILING
- 9. BLOCKING REQUIRED AT ALL 'HI-LO' TV LOCATIONS
 10. 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

ORIGINAL ISSUANCE: DATE:
50% CD SET 03/31/23
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TECHNOLOGY CONSULTANT

PROJECT INFORMATION

SOGNO

EVERBASE

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O: 855-255-5521

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REVISION DATE DELTA

REVISIONS

SYSTEM DESIGNER:

AD/AF

SYSTEM REVIEWER:

LF

ECS JOB NUMBER:

ECS JOB NUMBER:

ES

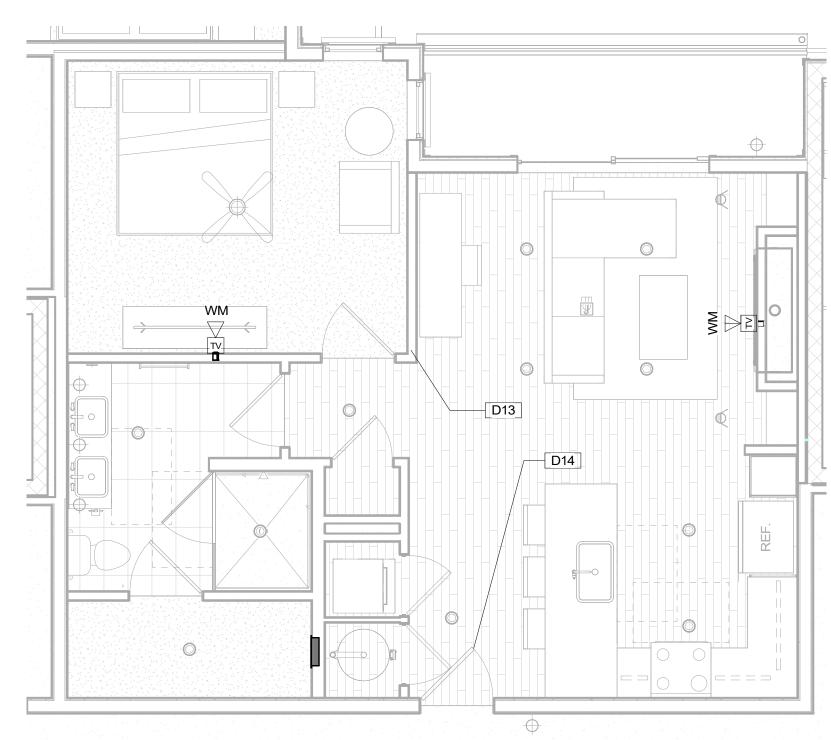
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SHEET TITLE:

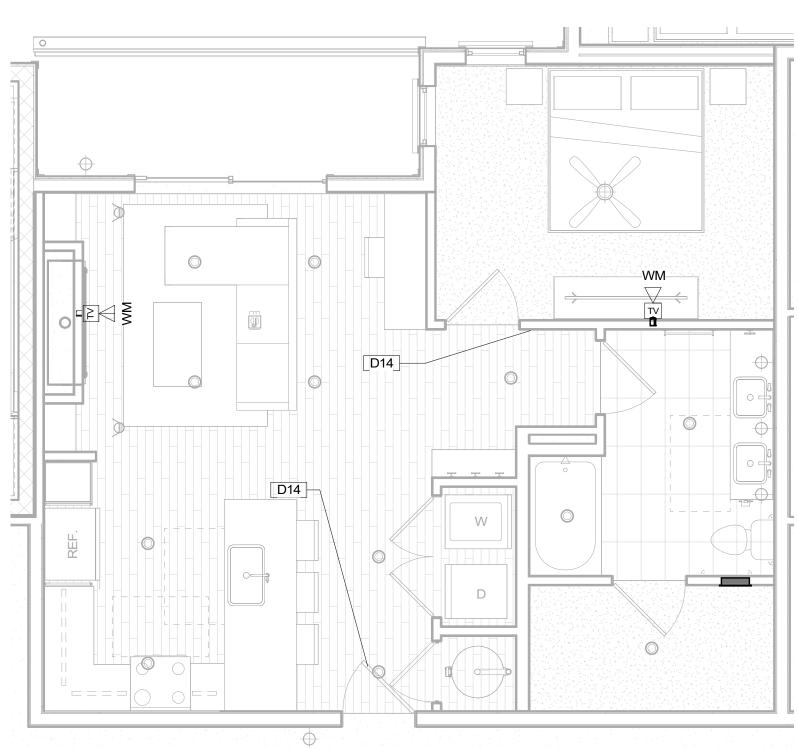
DATACOMM/NETWORK SYSTEM UNIT PLANS

TD700

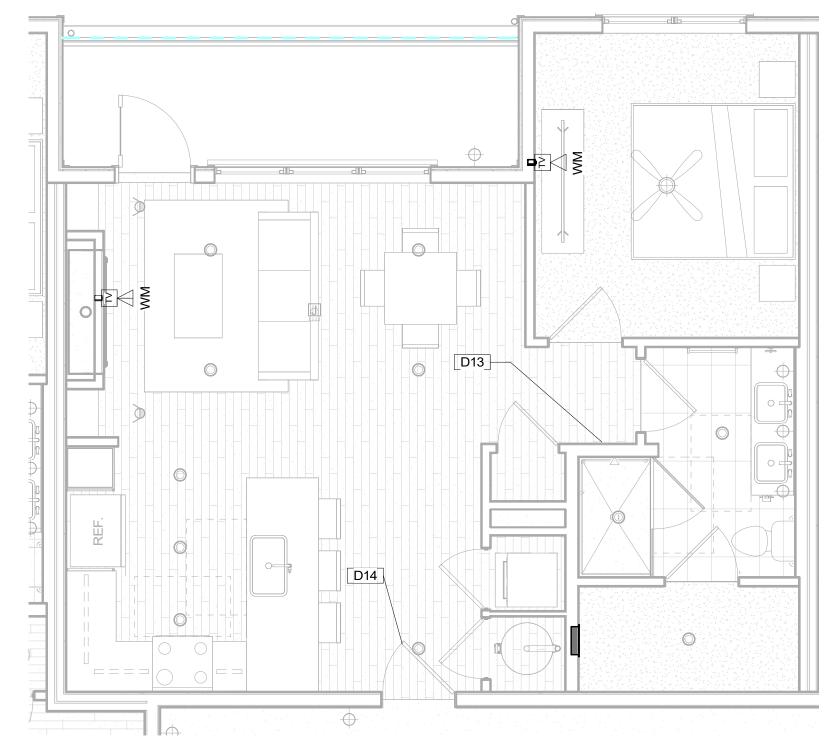
0 2 4 6 8 10 12 1/4" = 1'-0" SCALE FEET



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

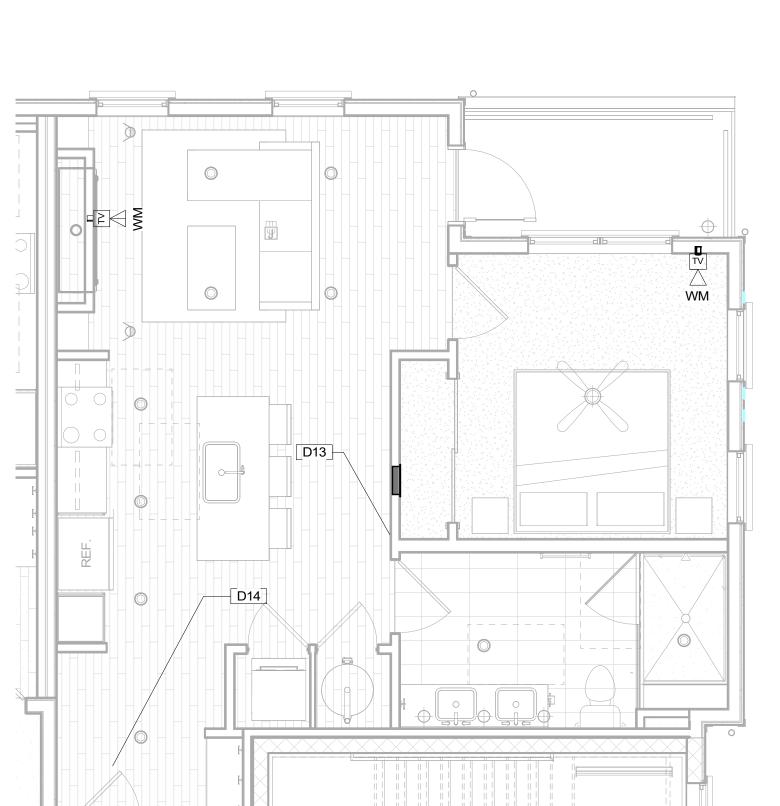


UNIT 1G-A -DATACOMM/NETWORK SYSTEM LAYOUT 1/4" = 1'-0"

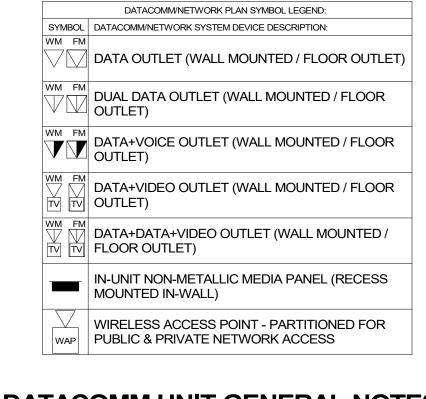


UNIT 1F-B -DATACOMM/NETWORK SYSTEM LAYOUT

1/4" = 1'-0"



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



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
- REFER TO DATACOMM/NETWORK DETAIL SHEETS FOR DATACOMM/NETWORK SYSTEM DETAILS & DIAGRAMS
- FACEPLATE AND OUTLET COLORS, TYP.
- CABLE & CONDUIT ROUTING SUBJECT TO CHANGE
- BASED ON FIELD CONDITIONS ELECTRICAL CONTRACTOR TO PROVIDE POWER AS
- UNIT HOMERUNS FROM EACH UNIT MEDIA PANEL TO ASSOCIATED IDF ROOM TO BE CONSISTENT WITH SERVICE PROVIDER CONTRACTS. UNIT HOMERUN
- WIRING TO INCLUDE: **1-OPTICAL FIBER CABLE IN MICRODUCT CONDUIT AS PER SERVICE PROVIDER A
- SPECIFICATIONS **1-OPTICAL FIBER CABLE IN MICRODUCT AS PER SERVICE PROVIDER B SPECIFICATIONS
- COORDINATE ROUGH-IN OF ALL FLOOR OUTLETS WITH ELECTRICAL CONTRACTOR - CONDUIT IS TO BE ROUTED TO NEAREST WALL THAT EXTENDS TO AN
- ACCESSIBLE CEILING BLOCKING REQUIRED AT ALL 'HI-LO' TV LOCATIONS ALL IN-UNIT DATA CABLING FROM MEDIA PANEL WILL BE

RG6 OR CAT6A UNLESS OTHERWISE NOTED.

KEYNOTE LEGEND

Keynote Text SMART THERMOSTAT - COORDINATE LOCATION WITH MECHANICAL PLANS MOBILE CREDENTIAL CAPABILITY & SHARED CREDENTIAL WITH COMMON AREA ACCESS CONTROL SYSTEM

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> SOGNO BLDG

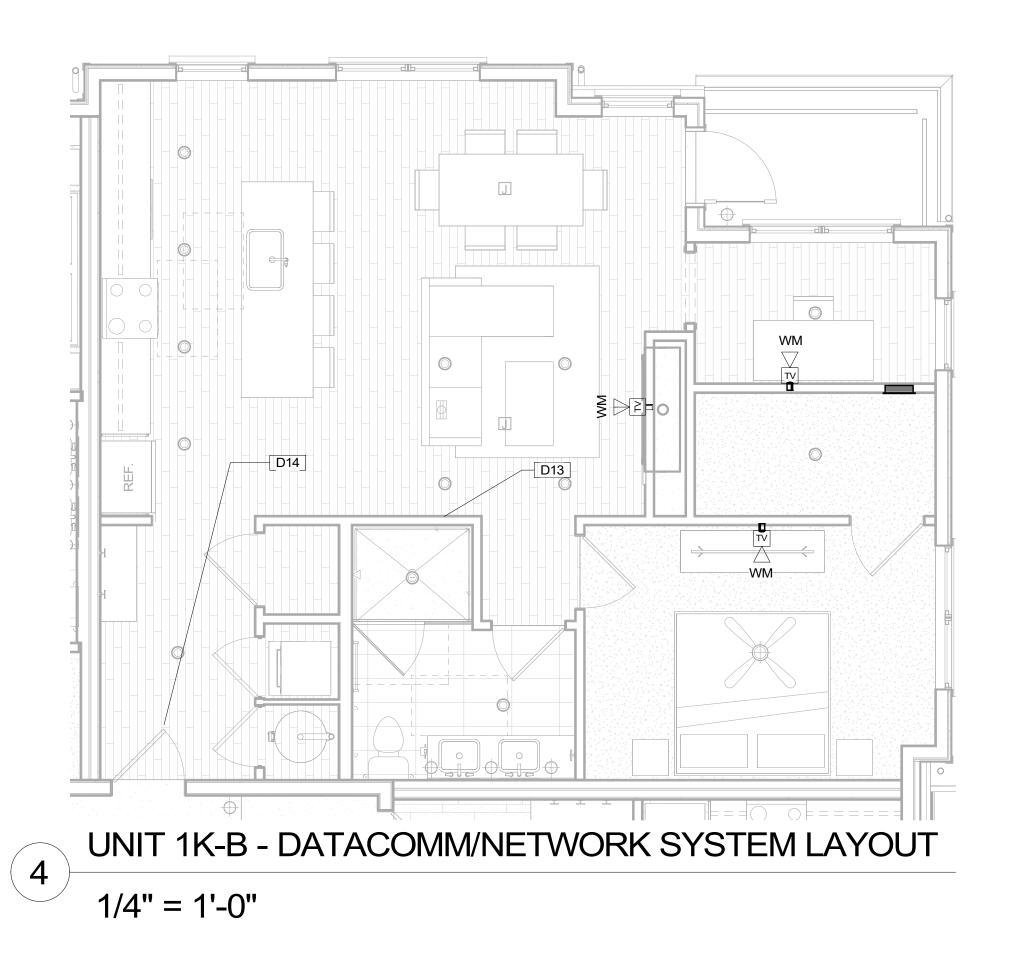
ORIGINAL ISSUANCE: 50% CD SET 03/31/2: REVISIONS REVISION DATE DELTA

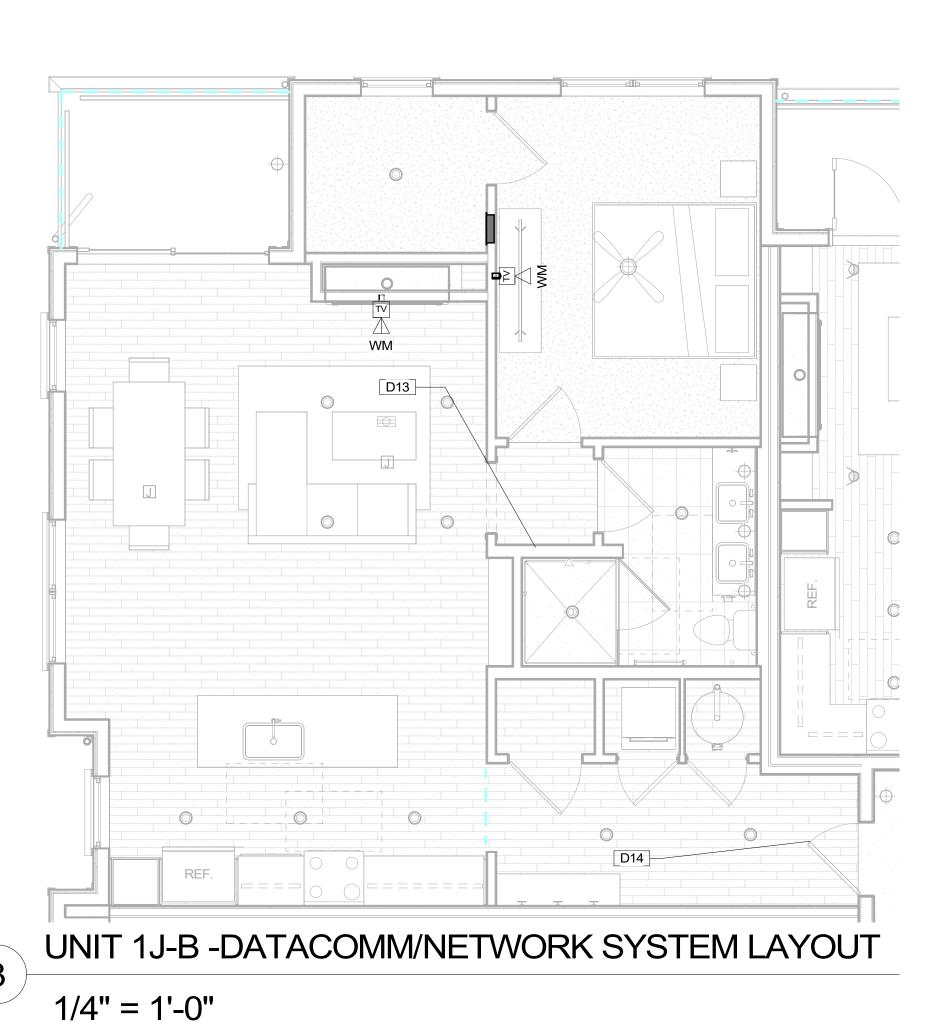
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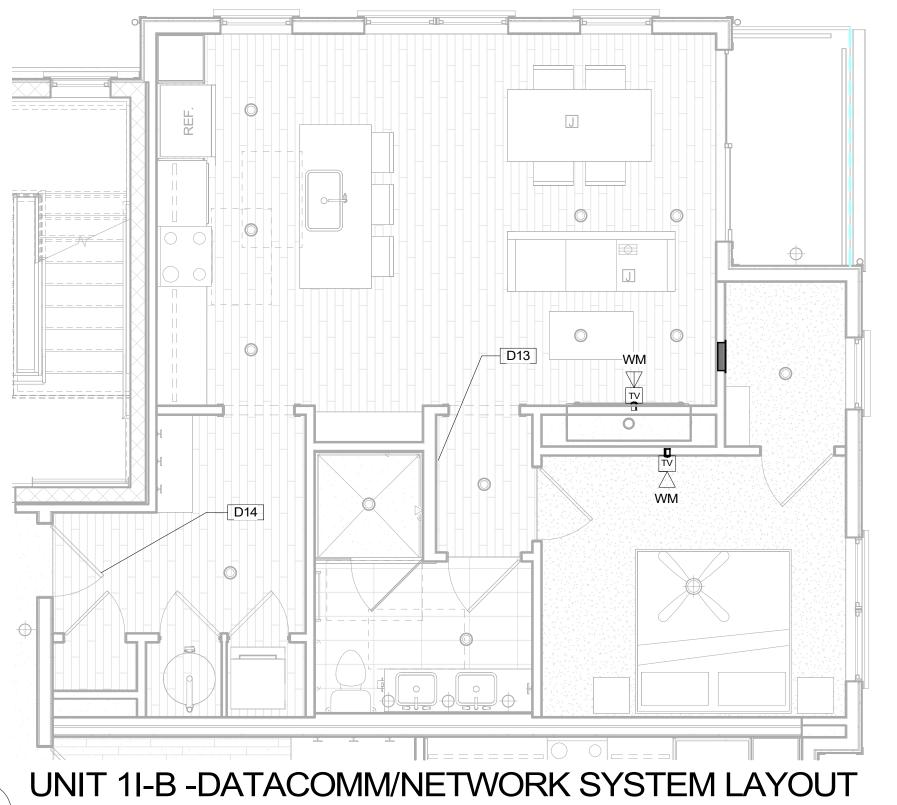
SHEET INFORMATION:

ECS JOB NUMBER:

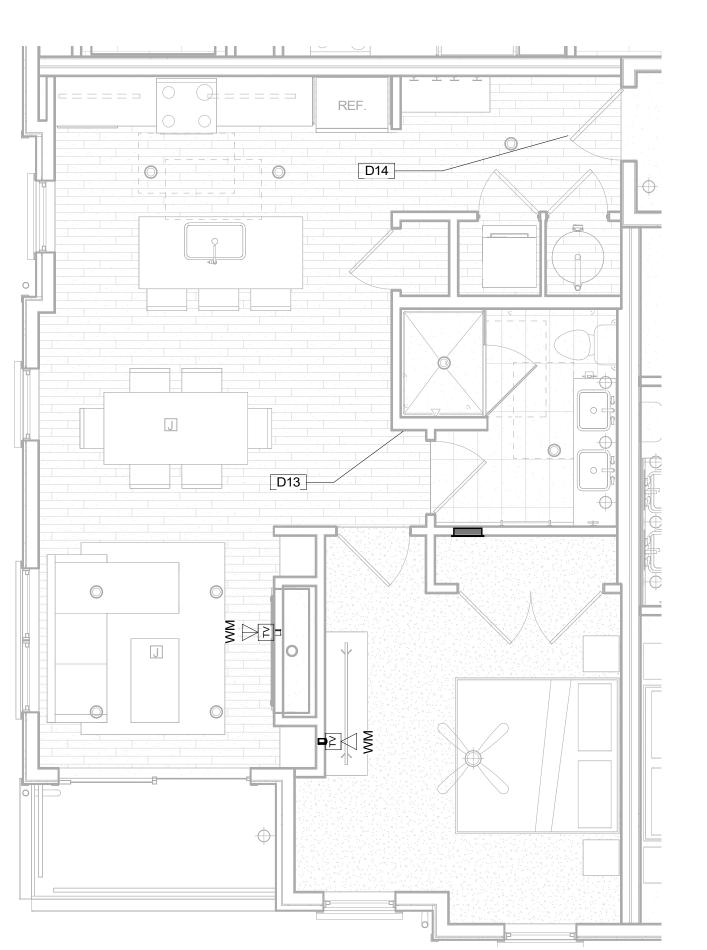
DATACOMM/NETWORK SYSTEM UNIT PLANS



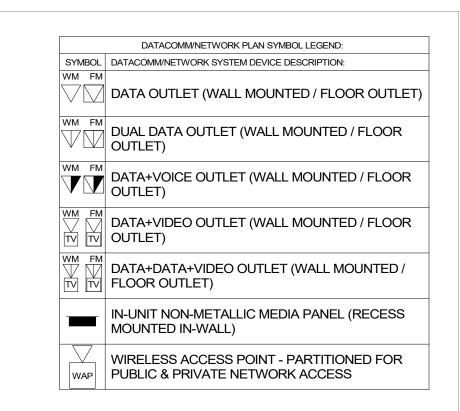




1/4" = 1'-0"



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



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
- 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
- UNIT HOMERUNS FROM EACH UNIT MEDIA PANEL TO ASSOCIATED IDF ROOM TO BE CONSISTENT WITH SERVICE PROVIDER CONTRACTS. UNIT HOMERUN WIRING TO INCLUDE:
- **1-OPTICAL FIBER CABLE IN MICRODUCT CONDUIT AS PER SERVICE PROVIDER A SPECIFICATIONS
- **1-OPTICAL FIBER CABLE IN MICRODUCT AS PER SERVICE PROVIDER B SPECIFICATIONS
- COORDINATE ROUGH-IN OF ALL FLOOR OUTLETS WITH ELECTRICAL CONTRACTOR - CONDUIT IS TO BE ROUTED TO NEAREST WALL THAT EXTENDS TO AN ACCESSIBLE CEILING
- BLOCKING REQUIRED AT ALL 'HI-LO' TV LOCATIONS ALL IN-UNIT DATA CABLING FROM MEDIA PANEL WILL BE RG6 OR CAT6A UNLESS OTHERWISE NOTED.

KEYNOTE LEGEND

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

> 50% CD SET 03/31/23
> NOT FOR CONSTRUCTION REVISIONS REVISION DATE DELTA

BLDG

ORIGINAL ISSUANCE:

TECHNOLOGY CONSULTANT

PROJECT INFORMATION

SOGNO

EVERBASE SOLUTIONS DENVERICO

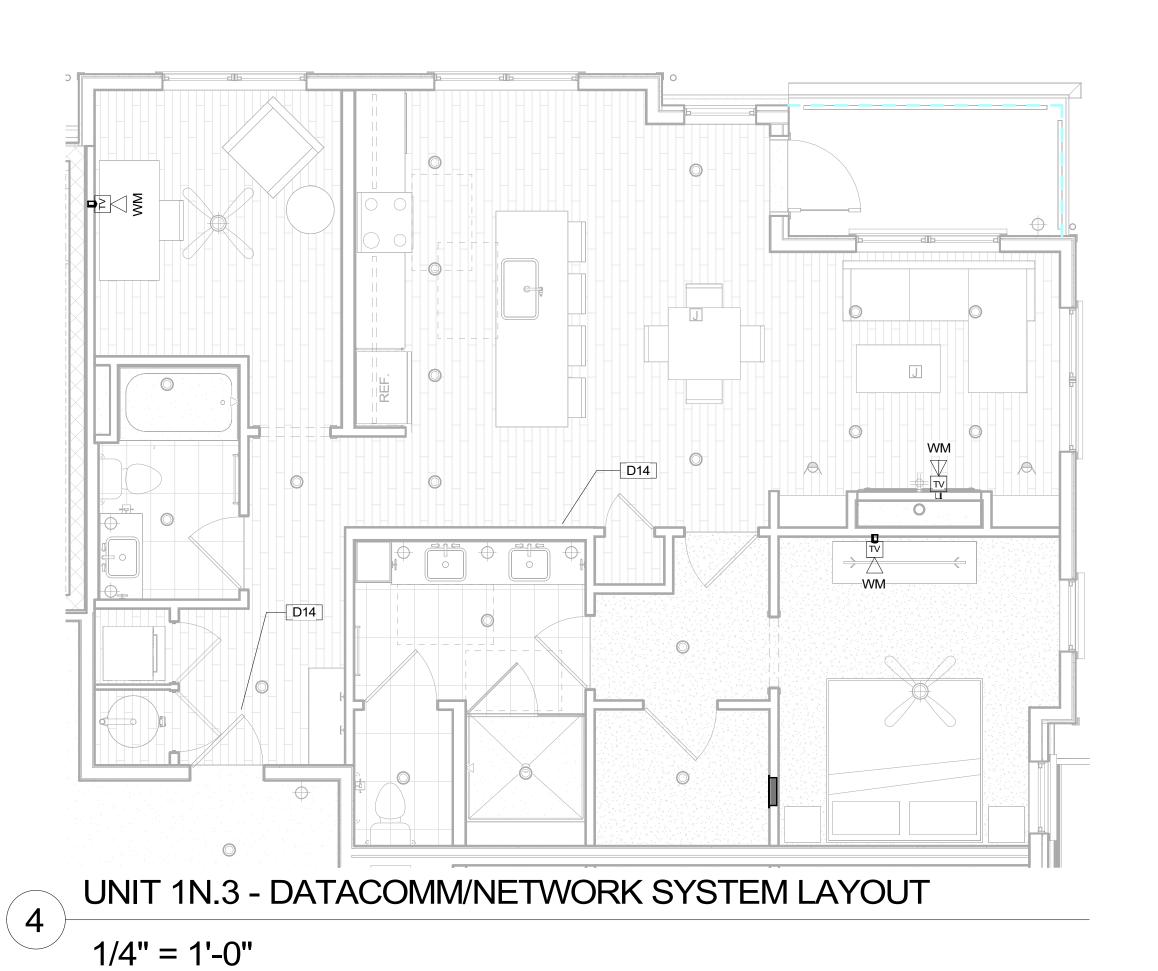
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SYSTEM DESIGNER: SYSTEM REVIEWER: ECS JOB NUMBER:

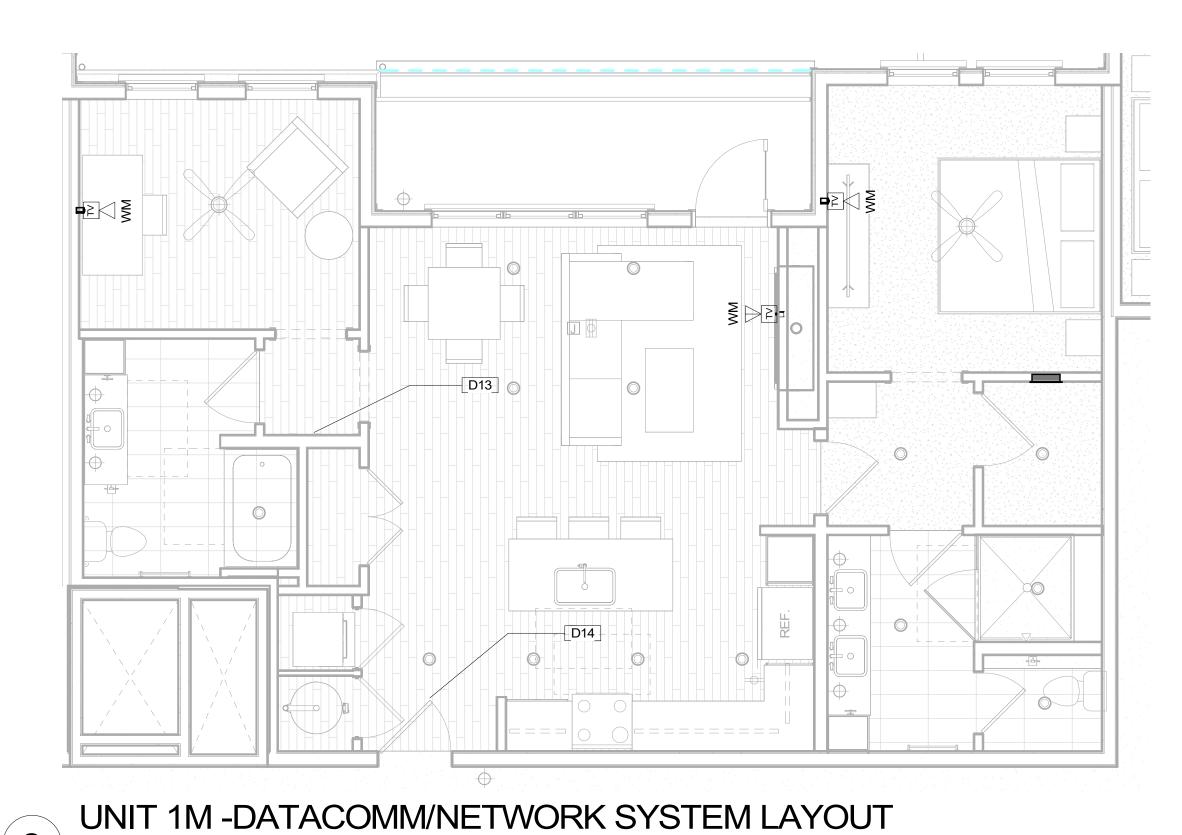
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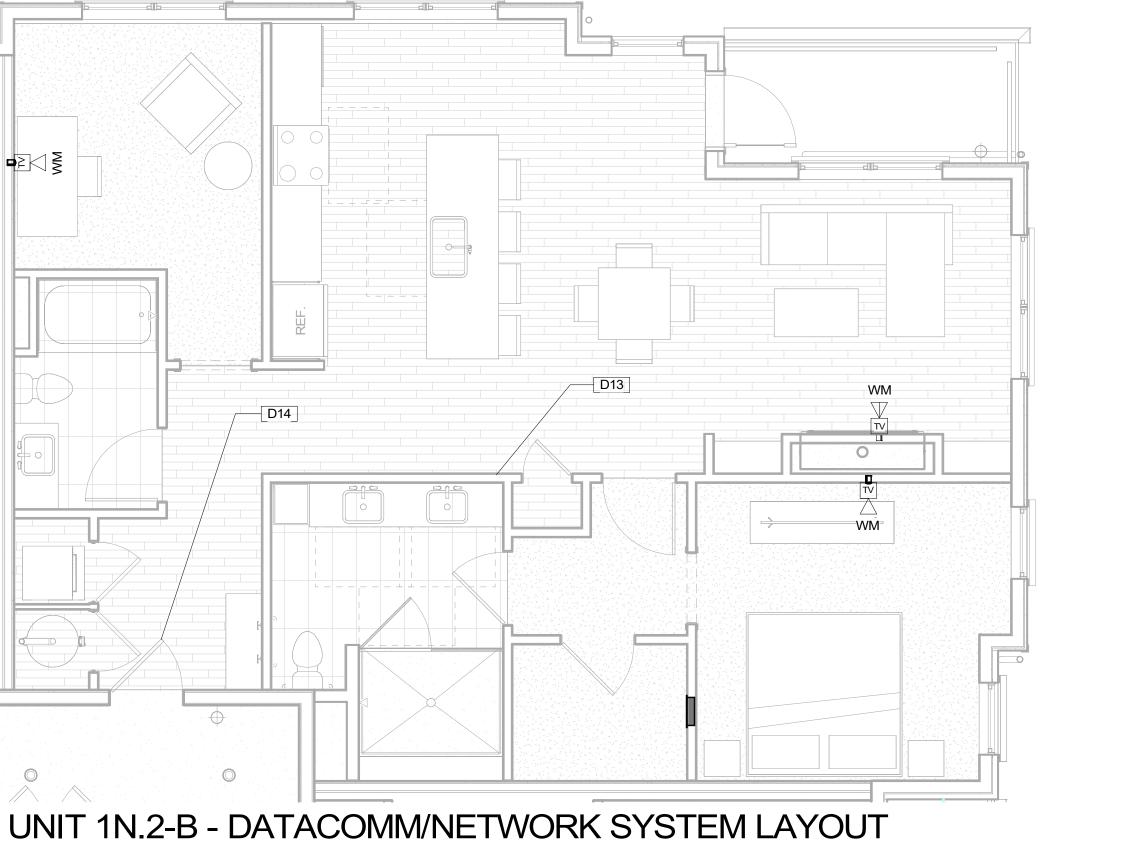
DATACOMM/NETWORK SYSTEM UNIT PLANS

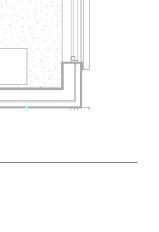


1/4" = 1'-0"

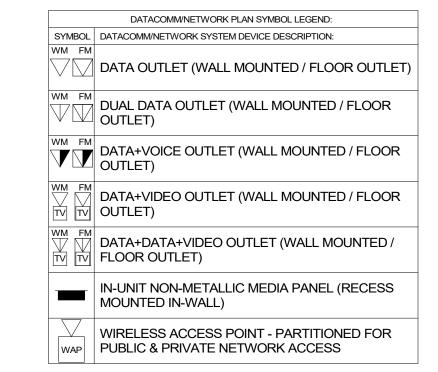








UNIT 1L-B - DATACOMM/NETWORK SYSTEM LAYOUT 1/4" = 1'-0"



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
- REFER TO DATACOMM/NETWORK DETAIL SHEETS FOR
- DATACOMM/NETWORK SYSTEM DETAILS & DIAGRAMS
- FACEPLATE AND OUTLET COLORS, TYP. CABLE & CONDUIT ROUTING SUBJECT TO CHANGE
- BASED ON FIELD CONDITIONS ELECTRICAL CONTRACTOR TO PROVIDE POWER AS
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- WIRING TO INCLUDE: **1-OPTICAL FIBER CABLE IN MICRODUCT CONDUIT AS PER SERVICE PROVIDER A
- SPECIFICATIONS
- **1-OPTICAL FIBER CABLE IN MICRODUCT AS PER SERVICE PROVIDER B SPECIFICATIONS COORDINATE ROUGH-IN OF ALL FLOOR OUTLETS WITH
- ELECTRICAL CONTRACTOR CONDUIT IS TO BE ROUTED TO NEAREST WALL THAT EXTENDS TO AN ACCESSIBLE CEILING
- BLOCKING REQUIRED AT ALL 'HI-LO' TV LOCATIONS ALL IN-UNIT DATA CABLING FROM MEDIA PANEL WILL BE RG6 OR CAT6A UNLESS OTHERWISE NOTED.

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

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

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TECHNOLOGY CONSULTANT

PROJECT INFORMATION

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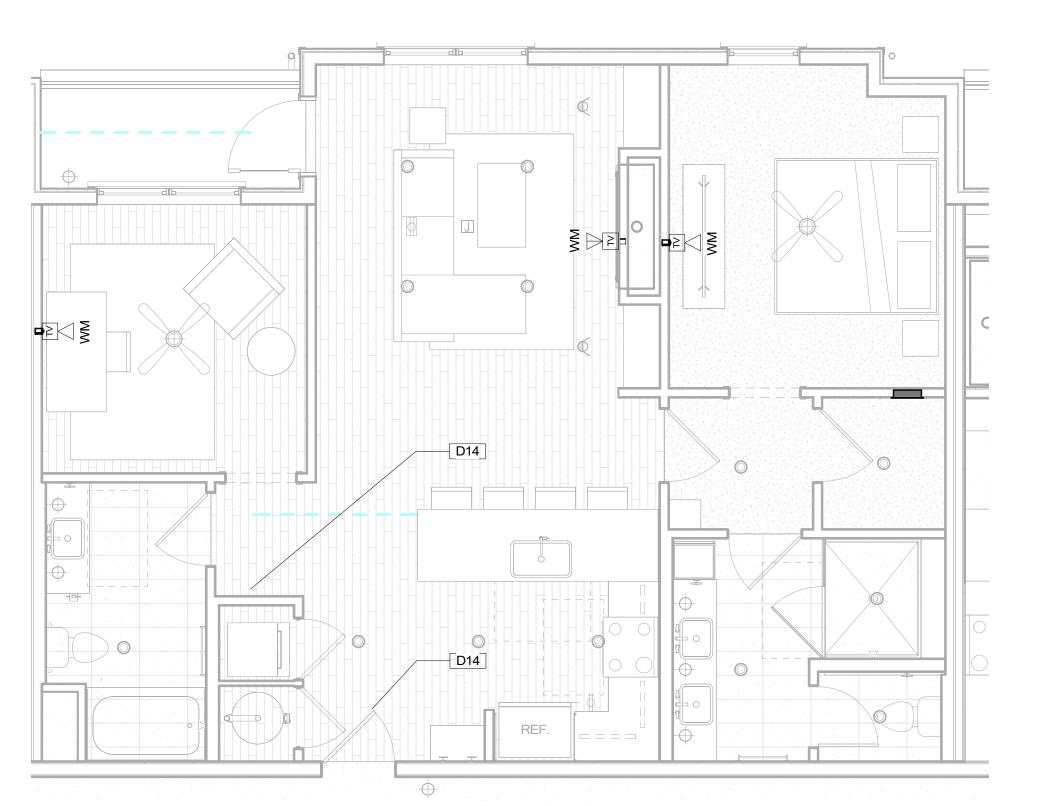
EVERBASE SOLUTIONS DENVERICO

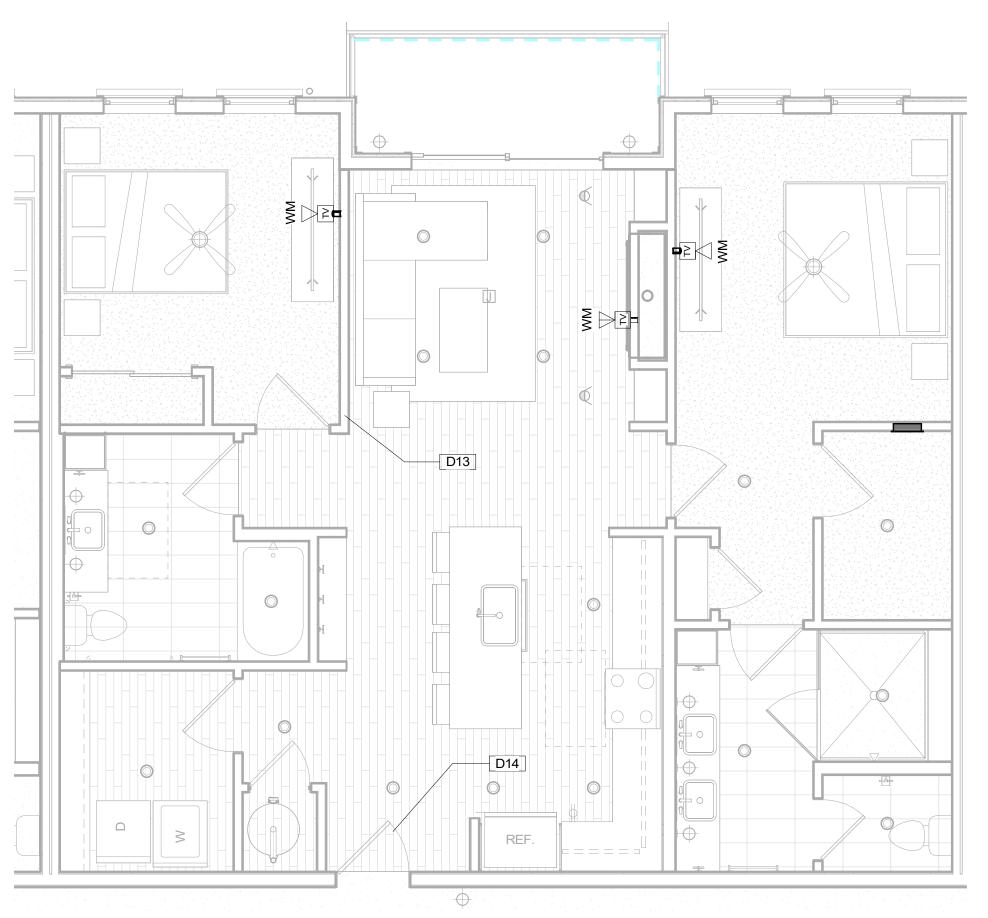
O: 855-255-5521 WWW.EVERBASESOLUTIONS.COM

SYSTEM DESIGNER:

ECS JOB NUMBER: SHEET INFORMATION:

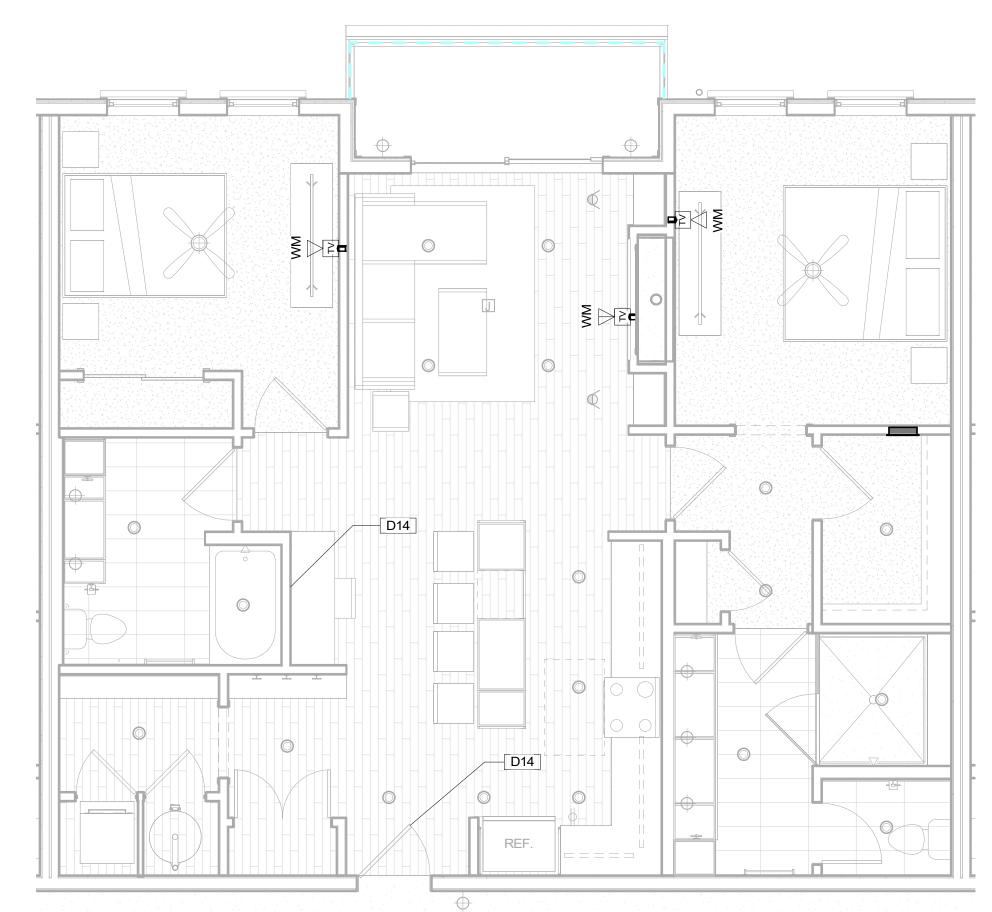
DATACOMM/NETWORK SYSTEM UNIT PLANS





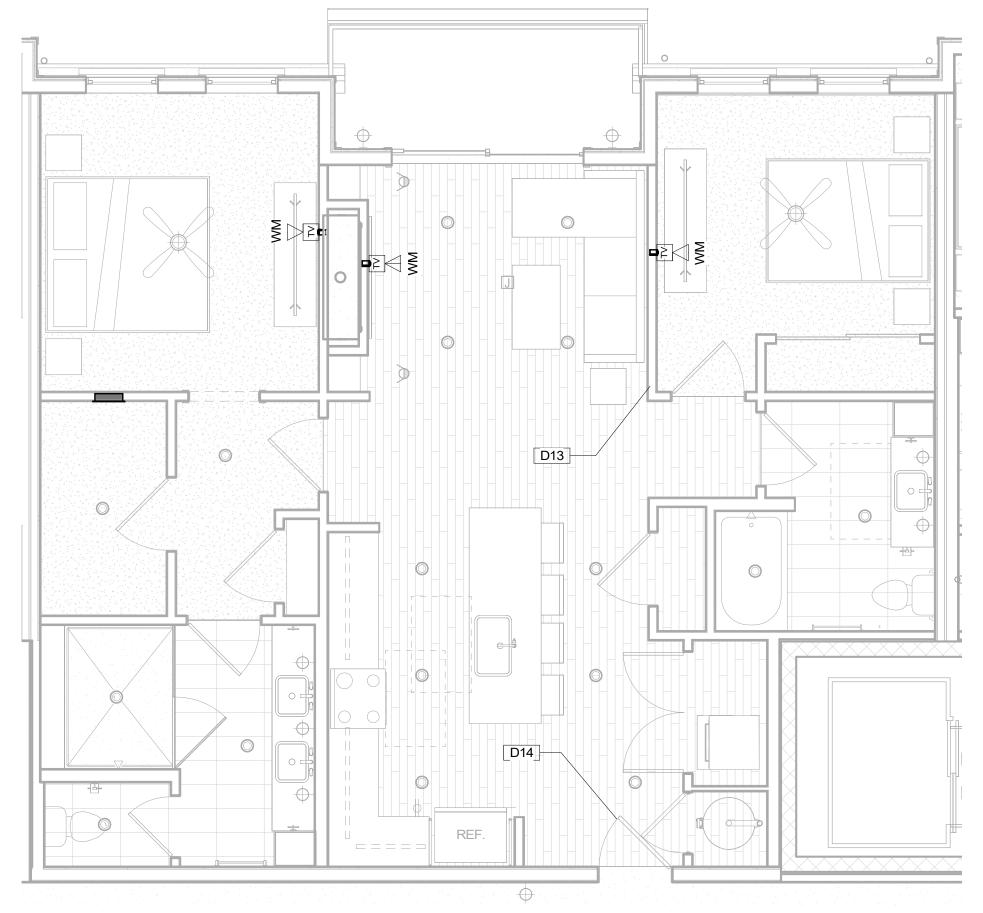
UNIT 2D-A -DATACOMM/NETWORK SYSTEM LAYOUT

1/4" = 1'-0"



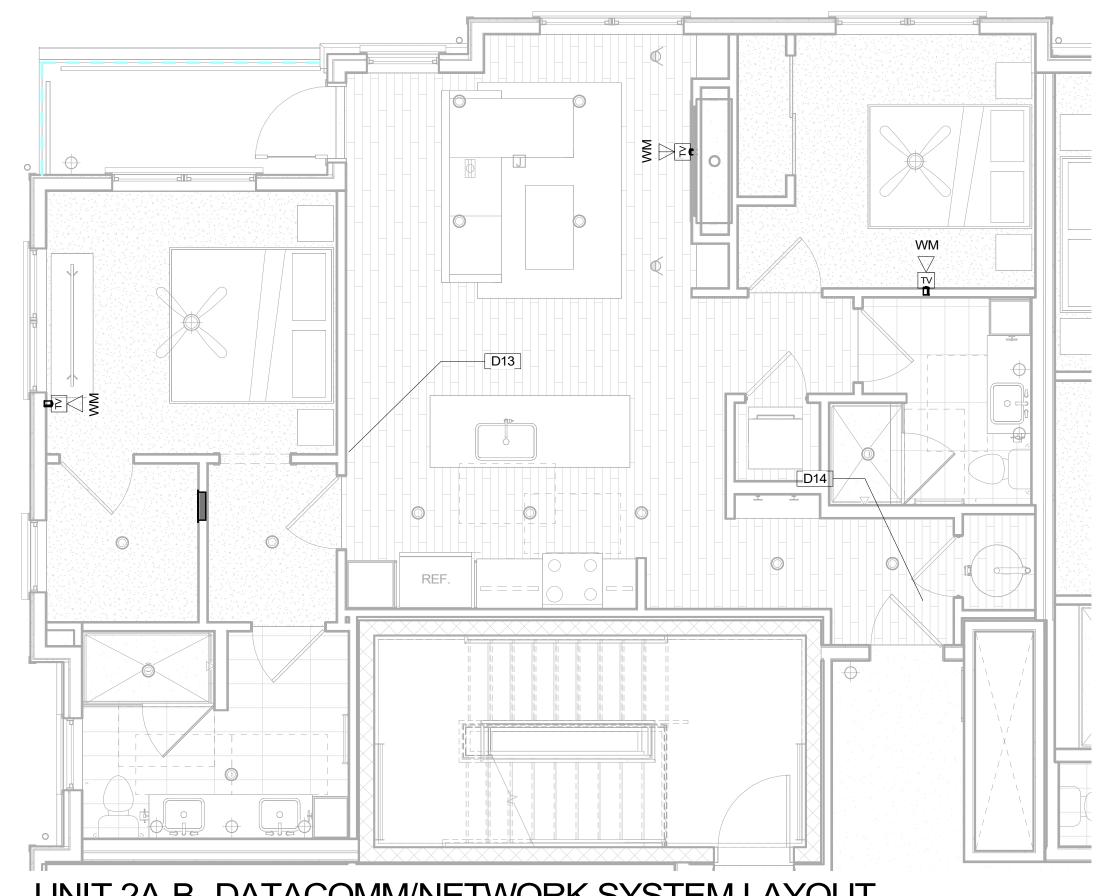
UNIT 2C-B -DATACOMM/NETWORK SYSTEM LAYOUT

1/4" = 1'-0"



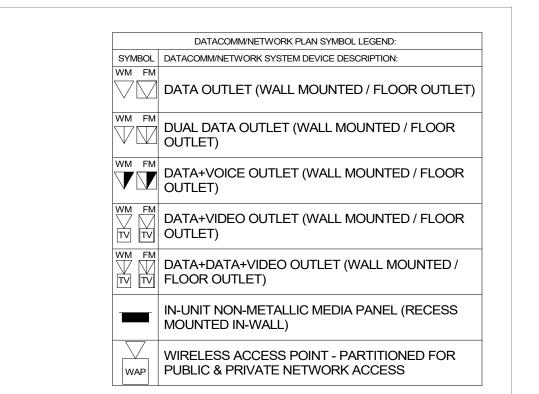
UNIT 2B-B -DATACOMM/NETWORK SYSTEM LAYOUT

1/4" = 1'-0"



UNIT 2A-B -DATACOMM/NETWORK SYSTEM LAYOUT

1/4" = 1'-0"



DATACOMM UNIT GENERAL NOTES

- REFER TO COVER SHEET FOR STANDARD DATACOMM/NETWORK DEVICE CABLING
- REQUIREMENTS & MOUNTING HEIGHTS

 2. REFER TO DATACOMM/NETWORK ELEVATION &
 SECTION SHEETS FOR MDF/IDF ROOM LAYOUT & RISER
- 3. REFER TO DATACOMM/NETWORK DETAIL SHEETS FOR DATACOMM/NETWORK SYSTEM DETAILS & DIAGRAMS
- 4. RE: ELECTRICAL DRAWINGS & SPECIFICATIONS F FACEPLATE AND OUTLET COLORS, TYP.
- 5. CABLE & CONDUIT ROUTING SUBJECT TO CHANGE BASED ON FIELD CONDITIONS
- BASED ON FIELD CONDITIONS
 6. ELECTRICAL CONTRACTOR TO PROVIDE POWER AS
- 7. UNIT HOMERUNS FROM EACH UNIT MEDIA PANEL TO ASSOCIATED IDF ROOM TO BE CONSISTENT WITH SERVICE PROVIDER CONTRACTS. UNIT HOMERUN
 - WIRING TO INCLUDE:

 A. **1-OPTICAL FIBER CABLE IN MICRODUCT
 CONDUIT AS PER SERVICE PROVIDER A
- SPECIFICATIONS

 B. **1-OPTICAL FIBER CABLE IN MICRODUCT AS PER SERVICE PROVIDER B SPECIFICATIONS
- 8. COORDINATE ROUGH-IN OF ALL FLOOR OUTLETS WITH ELECTRICAL CONTRACTOR CONDUIT IS TO BE ROUTED TO NEAREST WALL THAT EXTENDS TO AN ACCESSIBLE CEILING
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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

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PROJECT INFORMATION

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ORIGINAL ISSUANCE: DATE:

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REVISION DATE DELTA

SYSTEM DESIGNER:

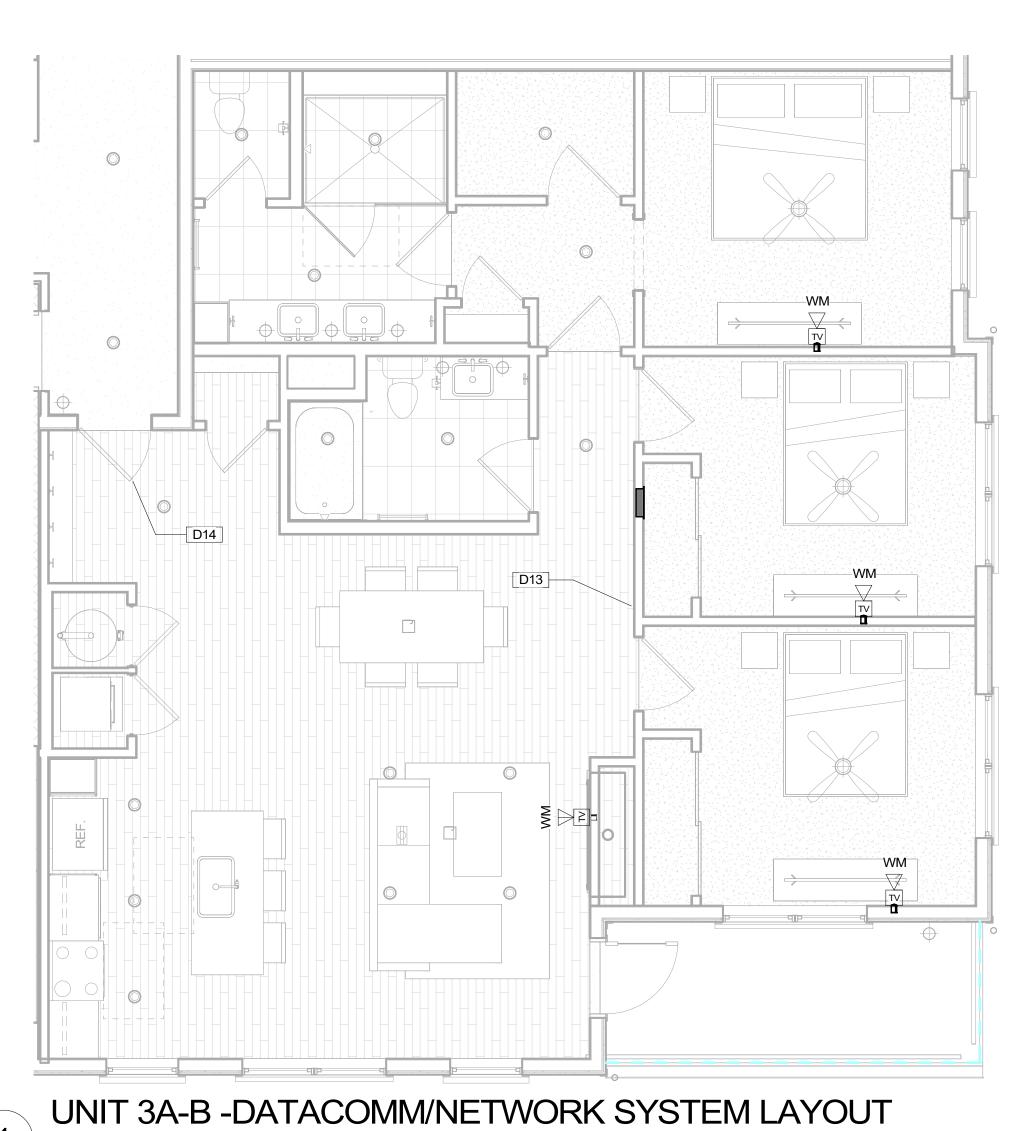
SYSTEM REVIEWER:

ECS JOB NUMBER:

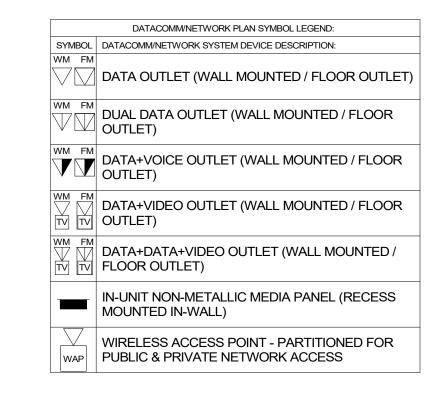
SHEET TITLE:

SHEET INFORMATION:

DATACOMM/NETWORK SYSTEM UNIT PLANS



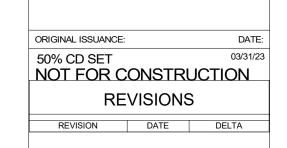
1/4" = 1'-0"



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
- 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
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- BLOCKING REQUIRED AT ALL 'HI-LO' TV LOCATIONS 10. ALL IN-UNIT DATA CABLING FROM MEDIA PANEL WILL BE RG6 OR CAT6A UNLESS OTHERWISE NOTED.





PROJECT ARCHITECT

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EVERBASE

DENVER | CO

O: 855-255-5521

WWW.EVERBASESOLUTIONS.COM

SYSTEM DESIGNER: SYSTEM REVIEWER: ECS JOB NUMBER:

SHEET INFORMATION: SHEET TITLE:

DATACOMM/NETWORK SYSTEM UNIT PLANS

SHEET NUMBER:

SHEET NUMBER SHEET DESCRIPTION		ISSUANCE TITLE	ISSUE DATE	REVISION TITLE	REVISION DATE
Technology Se	t - Security System			'	1
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 PL	AN SYMBOL LEGEND:		
SYMBOL	ELEVATION	CCTV SYSTEM DEVICE DESCRIPTION:	DEVICE REQUIRED CABLING:
NVR		CCTV SYSTEM NETWORK VIDEO RECORDER (NVR) (MOUNTED IN EQUIPMENT RACK) - REQUIRED POWER: 1 DUPLEX OUTLET	1-CAT6 TO NETWORK PATCH PANEL
□ 1-1		CEILING MOUNTED FIXED POSITION POE I.P. DOME CAMERA (LEVEL - CAMERA NUMBER)	1-CAT6 TO ASSOCIATED POE PATCH PANEL
У РТ 2-1		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
⊳ <u></u> 1-2		WALL MOUNTED FIXED POSITION POE I.P. DOME CAMERA (LEVEL - CAMERA NUMBER)	1-CAT6 TO ASSOCIATED POE PATCH PANEL
У РТZ 2-2 • W		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
J	SIZING AS NEEDED	CCTV SYSTEM J-BOX	2-GANG BOX FOR ACCESS TO CCTV DEVICE FROM CONDUIT
		INTRUSION DETECTION SYSTEM DEVICE DESCRIPTION:	DEVICE REQUIRED CABLING:
IDC	_	INTRUSION DETECTION SYSTEM CONTROLLER (WALL MOUNTED)	1-CAT6 TO PHONE BLOCK IN ASSOCIATED IDF ROOM - REQUIRED POWER: 1 DUPLEX OUTLET
KP		INTRUSION DETECTION KEYPAD (WALL MOUNTED WITH BUTTONS AT A.D.A. ACCESSIBLE HEIGHT)	1-22/4 STRANDED TO INTRUSION DETECTION SYSTEM CONTROLLER (IDC)
DC	0 0	DOOR CONTACT (MOUNTED TO DOOR FRAME)	1-22/4 STRANDED TO INTRUSION DETECTION SYSTEM CONTROLLER (IDC)
MS		MOTION SENSOR (WALL MOUNTED)	1-22/4 STRANDED TO INTRUSION DETECTION SYSTEM CONTROLLER (IDC)
VS		VIBRATION SENSOR (WALL MOUNTED)	1-22/4 STRANDED TO INTRUSION DETECTION SYSTEM CONTROLLER (IDC)
		INTRUSION DETECTION SIREN (AT KEYPAD OR WALL MOUNTED)	1-16/2 STRANDED TO INTRUSION DETECTION SYSTEM CONTROLLER (IDC)

PROJECT ARCHITECT

TECHNOLOGY CONSULTANT



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

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

ORIGINAL ISSUANCE: DATE:

50% CD SET 03/31/23

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SYSTEM DESIGNER:

AD/A

SYSTEM REVIEWER:

LF

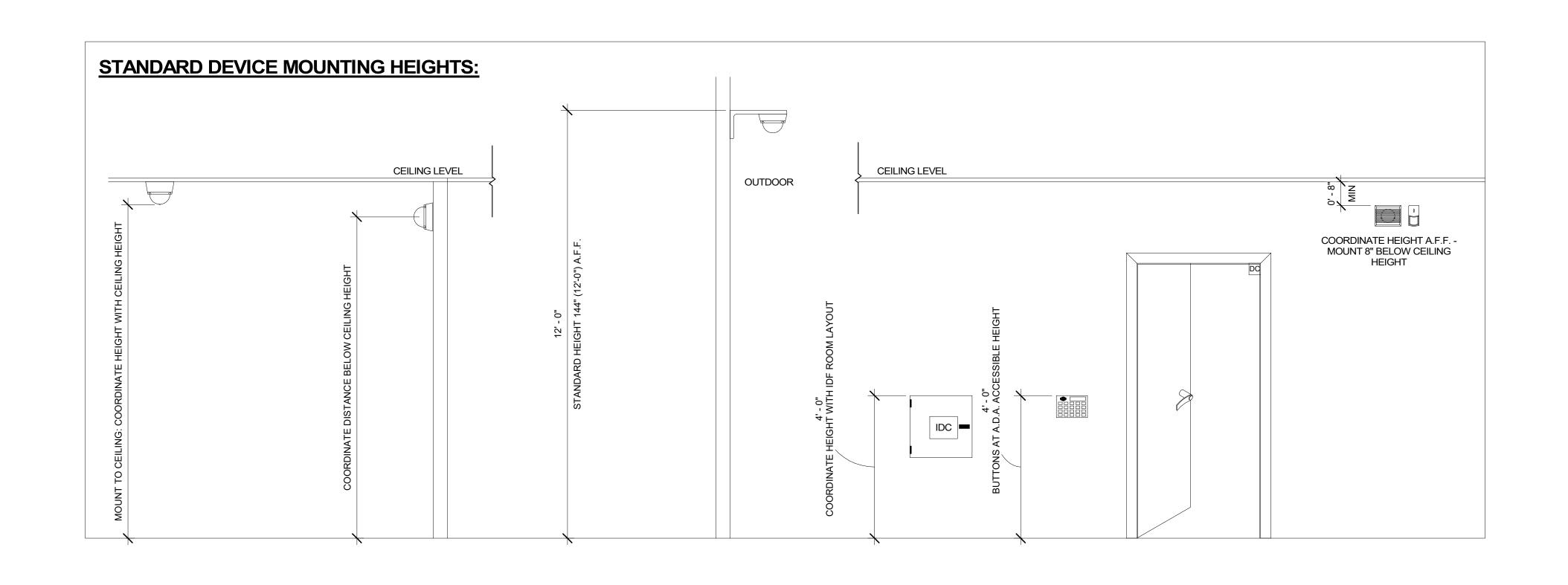
ECS JOB NUMBER:

LR
ECS JOB NUMBER:
ES-3247
SHEET INFORMATION:
SHEET TITLE:

SECURITY SYSTEM COVER SHEET

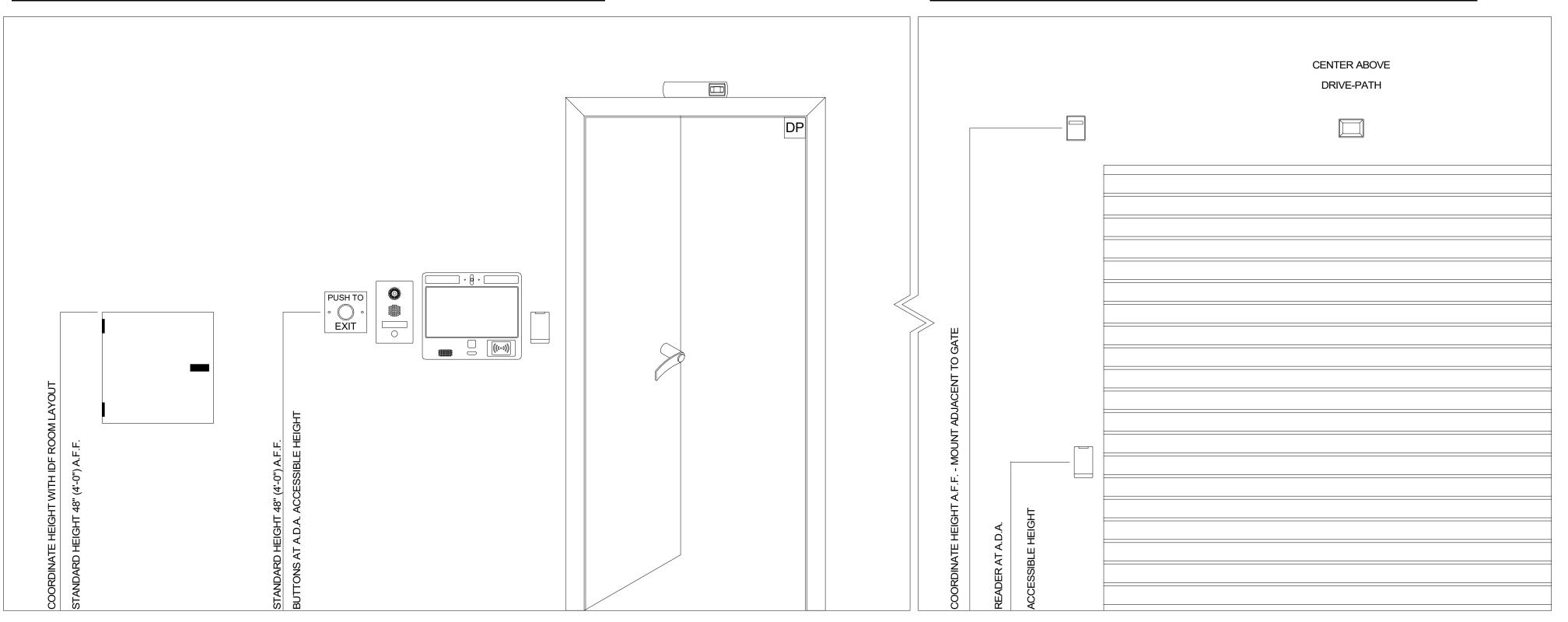
SHEET NUMBER:

A-TS000



STANDARD PEDESTRIAN DOOR DEVICE MOUNTING HEIGHTS:

STANDARD VEHICLE GATE DEVICE MOUNTING HEIGHTS:



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

T CONDOS

BLDG A 4TH STREET CC 47 W 5TH STREET SILVERTHORNE, C

ORIGINAL ISSUANCE: DATE:

50% CD SET 03/31/23

NOT FOR CONSTRUCTION

REVISIONS

REVISION DATE DELTA

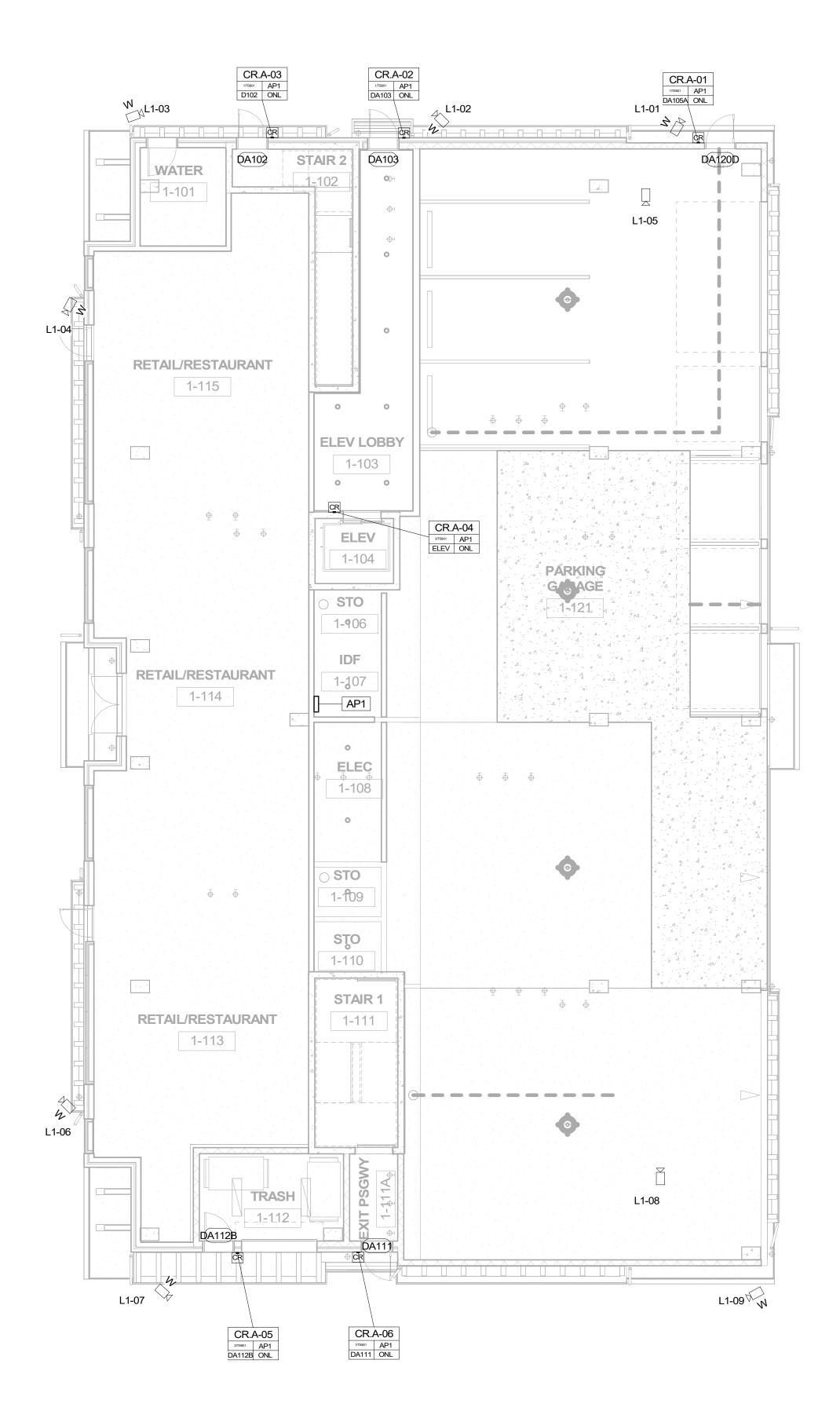
SYSTEM DESIGNER:

AD/A
SYSTEM REVIEWER:

L
ECS JOB NUMBER:
ES-324
SHEET INFORMATION:
SHEET TITLE:

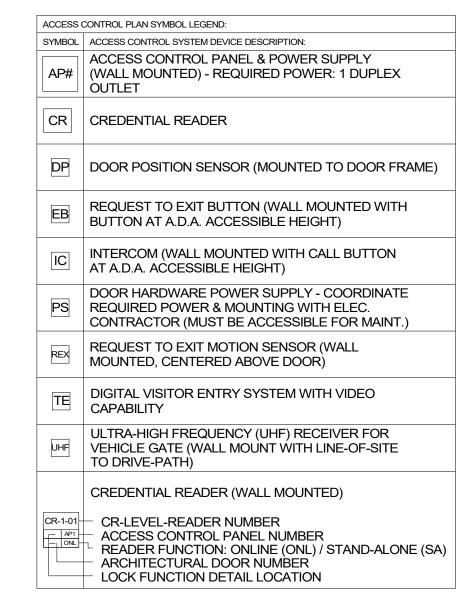
SECURITY SYSTEM MOUNTING HEIGHTS

A-TS001



BLDG A LEVEL 1 - SECURITY SYSTEM LAYOUT

1/8" = 1'-0"



	ITY PLAN SYMBOL LEGEND:
SYMBO	
NVF	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
⊳ <u></u> 1	-1 CEILING MOUNTED FIXED POSITION POE I.P. DOME CAMERA (LEVEL - CAMERA NUMBER)
▼ ○ □ 2	CEILING MOUNTED PAN, TILT, ZOOM (PTZ) POE -1 I.P.
*	DOME CAMERA (LEVEL - CAMERA NUMBER)
⊳ <u></u> 1	-2 WALL MOUNTED FIXED POSITION POE I.P. DOME CAMERA (LEVEL - CAMERA NUMBER)
V V W	WALL MOUNTED PAN, TILT, ZOOM (PTZ) POE I.P. DOME CAMERA (LEVEL - CAMERA NUMBER)
IJ	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)
	INTRUSION DETECTION SIREN (AT KEYPAD OR

SECURITY SYSTEM PLAN NOTES

WALL MOUNTED)

- REFER TO TS-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 CABLING IS TO BE ROUTED THROUGH DESIGNATED

 CONDUIT SUFERVING & PULL BOY BY INSTALLING
- 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
 DOOR NUMBERS ON THE ARCHITECTURAL PLANS
- SUPERSEDE ANY DOOR NUMBERS ON THESE PLANS.
 RE: ARCH 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.
 ACCESS CONTROL SYSTEM IS TO BE INTEGRATED WITH
- 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
- 13. ONE CREDENTIAL (FOB) TO BE UTILIZED FOR BOTH ELECTRIFIED UNIT LOCKS & COMMON AREA LOCKS

 14. PHONE-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.

 GARAGE REMOTE STYLE CREDENTIAL TO BE UTILIZED
- 16. GARAGE REMOTE STYLE CREDENTIAL TO BE UTILIZE
 AT VEHICLE GATES WITH RF RECEIVERS
 17. RE: TG-002 FOR TYPICAL WALL MOUNTED AND FLOO
- 7. 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.

KEYNOTE LEGEND

Key Value

Keynote Text

0 4 8 12 16 20 24 1/8" = 1'-0" SCALE FEET

TECHNOLOGY CONSULTANT

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O: 855-255-5521

PROJECT ARCHITECT

PROJECT INFORMATION

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3 A 4TH STREET CONDO. 47 W 5TH STREET SILVERTHORNE, CO

ORIGINAL ISSUANCE: DATE

50% CD SET 03/31/2:

NOT FOR CONSTRUCTION

REVISIONS

REVISION DATE DELTA

SYSTEM DESIGNER:

AD

SYSTEM REVIEWER:

ECS JOB NUMBER:

SHEET INFORMATION:

SHEET TITLE:

SHEET NUMBER:

BLDG A LEVEL 1 -SECURITY SYSTEM LAYOUT

ES-3247

A-TS201

14 X 42 NON-METALLIC MEDIA PANEL DIAGRAM

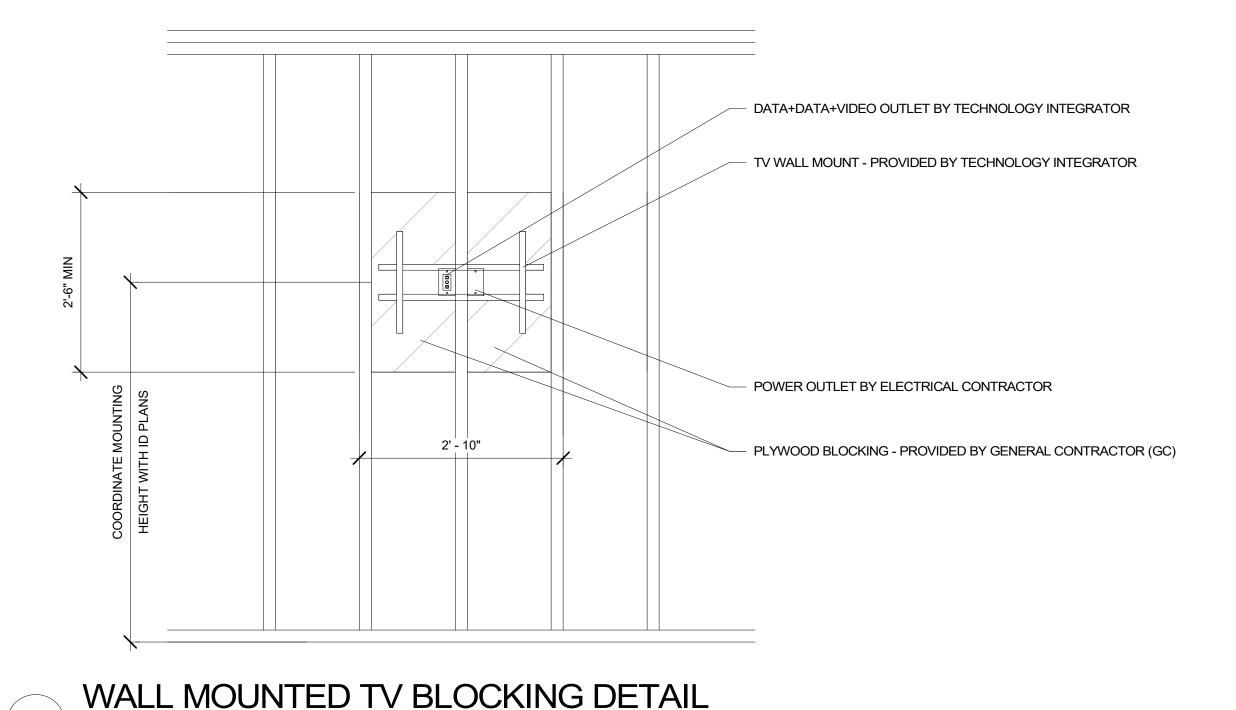
NTS

NETWORK PATCH PANEL RACK MOUNTED IN IDF ROOM AMENITY AREA DATA/VIDEO OUTLET TO PROPERTY SERVICE PROVIDER PANEL FOR DATA SERVICE -CAT6A-NETWORK SWITCH RACK MOUNTED IN IDF ROOM -RG6-**AC POWER** 0 -TO PROPERTY SERVICE PROVIDER SPLITTER FOR VIDEO SERVICE

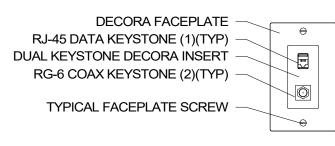
COMMON AREA OUTLET CONNECTIVITY DIAGRAM 6

NTS

NTS

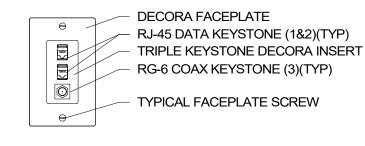


DATA+VIDEO OUTLET



OUTLET CONNECTIONS: 1 DATA, 1 VIDEO CONNECTION DESCRIPTION **RJ-45 DATA KEYSTONE** UL LISTED CAT6A CABLE **RG-6 COAX KEYSTONE** UL LISTED COAX CABLE

DUAL DATA+VIDEO OUTLET



OUTLET CONNECTIONS: 2 DATA, 1 VIDEO CONNECTION **RJ-45 DATA KEYSTONES** UL LISTED CAT6A CABLES **RG-6 COAX KEYSTONE**

RESIDENTIAL DATA & VIDEO FACEPLATE DETAILS

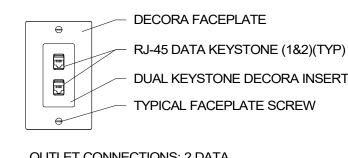
DATA OUTLET

RJ-45 DATA KEYSTONE

UL LISTED CAT6A CABLE

DECORA FACEPLATE RJ-45 DATA KEYSTONE (1)(TYP) SINGLE KEYSTONE DECORA INSERT TYPICAL FACEPLATE SCREW **OUTLET CONNECTIONS: 1 DATA**

DUAL DATA OUTLET



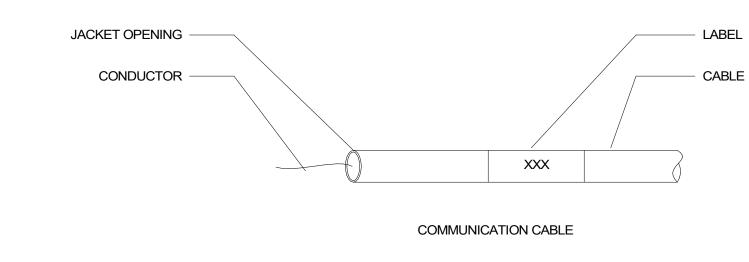
OUTLET CONNECTIONS: 2 DATA DESCRIPTION RJ-45 DATA KEYSTONES UL LISTED CAT6A CABLES

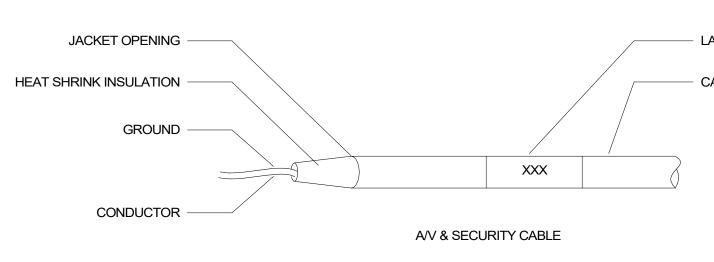
RESIDENTIAL DATA FACEPLATE DETAILS

3

GENERAL NOTES:

ALL SYSTEM CABLES OUTSIDE OF CONDUIT SHALL BE SUPPORTED WITHIN CEILING SPACES, UNDER FLOOR SPACES, ALONG WALLS & WITHIN EQUIPMENT RACKS PROVIDE THERMAL TRANFER/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

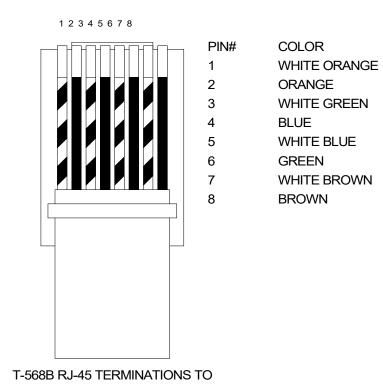




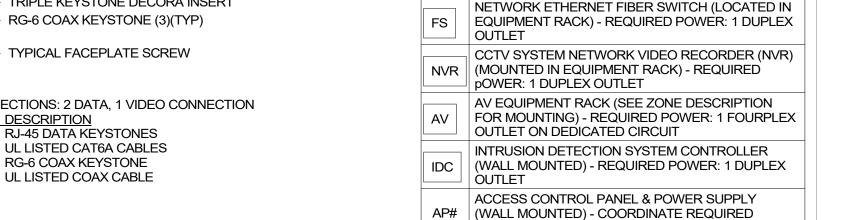
CABLE DRESS REQUIREMENTS

T-568B RJ-45 PINOUT (TOP VIEW)

BE USED IN COMMON AREAS



RJ-45 PINNING & LABELING DETAIL



DATACOMM GENERAL NOTES

POWER WITH ELÉCTRICAL CONTRACTOR

POE NETWORK SWITCH (MOUNTED IN EQUIPMENT RACK) - REQUIRED POWER: 1 DUPLEX OUTLET

NETWORK PATCH PANEL (MOUNTED IN

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

DATACOMM/NETWORK SYSTEM PLAN SYMBOL LEGEND

EQUIPMENT RACK)

SYMBOL DESCRIPTION

- 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 ELECTRICAL CONTRACTOR TO PROVIDE BOTH
- TRENCH AND ABOVE GROUND CONDUIT AS 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
- ALLOW 36" MIN. CLEARANCE BETWEEN ANY LOW VOLTAGE EQUIPMENT AND ANY ELECTRICAL EQUIPMENT, PER THE LATEST VERSION OF TIA

TRANSFORMERS PER THE LATEST VERSION OF

- 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
- 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.

TECHNOLOGY CONSULTANT **EVERBASE** SOLUTIONS DENVER | CO

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

ORIGINAL ISSUANCE: NOT FOR CONSTRUCTION REVISIONS REVISION DATE DELTA

SYSTEM DESIGNER: SYSTEM REVIEWER: ECS JOB NUMBER:

ES-3247

SHEET INFORMATION: SHEET TITLE: DATACOMM/NETWORK

SYSTEM DETAILS

SHEET NUMBER:

DP DOOR POSITION SENSOR (MOUNTED TO DOOR FRAME) REQUEST TO EXIT BUTTON (WALL MOUNTED WITH BUTTON AT A.D.A. ACCESSIBLE HEIGHT) INTERCOM (WALL MOUNTED WITH CALL BUTTON AT A.D.A. ACCESSIBLE HEIGHT) DOOR HARDWARE POWER SUPPLY - COORDINATE PS REQUIRED POWER & MOUNTING WITH ELEC. CONTRACTOR (MUST BE ACCESSIBLE FOR MAINT.) REQUEST TO EXIT MOTION SENSOR (WALL MOUNTED, CENTERED ABOVE DOOR) DIGITAL VISITOR ENTRY SYSTEM WITH VIDEO CAPABILITY VEHICLE GATE (WALL MOUNT WITH LINE-OF-SITE TO DRIVE-PATH) CREDENTIAL READER (WALL MOUNTED) CR-LEVEL-READER NUMBER ACCESS CONTROL PANEL NUMBER READER FUNCTION: ONLINE (ONL) / STAND-ALONE (SA) ARCHITECTURAL DOOR NUMBER LOCK FUNCTION DETAIL LOCATION ACCESS CONTROL COMPOSITE CABLE DP

STOREROOM FUNCTION LEVER SET

SECURED SIDE OF DOOR - FREE-EGRESS

EGRESS FROM DOOR WITH STOREROOM FUNCTION LEVER SET:

EGRESS FROM DOOR WITH REQUEST TO EXIT MOTION SENSOR:

ELECTRIC STRIKE IS ENERGIZED WITH 24V DC

ELECTRIC STRIKE IS DEENERGIZED

DOOR IS LOCKED/SECURED

ELECTRIC STRIKE W/ STORE ROOM FUNCTION

DOOR LATCH RETRACTS ALLOWING DOOR TO OPEN

DOOR IS UNLOCKED/UNSECURED, ALLOWING ENTRY

ROTATE STOREROOM FUNCTION LEVER SET LEVER/HANDLE DOWNWARD

ALL DOORS TO HAVE MECHANICAL-FREE EGRESS AT ALL TIMES

APPROACH DOOR TO TRIGGER REQUEST TO MOTION SENSOR

ALL DOORS TO HAVE MECHANICAL-FREE EGRESS AT ALL TIMES

ACCESS CONTROL PANEL TRIGGERS POWER TO ELECTRIC STRIKE

ACCESS CONTROL PANEL & POWER SUPPLY AP# (WALL MOUNTED) - REQUIRED POWER: 1 DUPLEX

ULTRA-HIGH FREQUENCY (UHF) RECEIVER FOR

ACCESS CONTROL PLAN SYMBOL LEGEND:

CR | CREDENTIAL READER

SYMBOL | ACCESS CONTROL SYSTEM DEVICE DESCRIPTION

SECURITY SYSTEM PLAN NOTES

REFER TO TS-000 FOR STANDARD SECURITY DEVICE

PROJECT ARCHITECT

TECHNOLOGY CONSULTANT

PROJECT INFORMATION

EVERBASE

SOLUTIONS

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O: 855-255-5521

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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 TELE ENTRY COMPONENT(S) TO BE COMPATIBLE WITH

APP-BASED VIDEO PLATFORM UNLESS OTHERWISE

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.

CABLE LEGEND

LINE TYPE DESCRIPTION

CAT6 1-CAT6 CABLE FOR DATA/NETWORK DEVICE INTERCONNECT & NETWORK DEVICE INTERCONNECT

MM FIBER

1-MULTIMODE FIBER FOR NETWORK DEVICE INTERCONNECT - 4" DARK FIBERS TO BE INCLUDED FOR FUTURE

> COMPOSITE CABLE (18/4, 22/4, 22/2, 22/3PR)

SHIELDED

AC COMP AC COMP 1-ACCESS CONTROL

> 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

SHIELDED 22/8 22/8 1-22/8 SHIELDED CABLE TO UHF RECEIVER/ELEVATOR

INTERFACE PANEL 22/60AS--22/60AS 1-22/6OAS CABLE TO CREDENTIAL READER -

PART OF ACCESS CONTROL COMPOSITE CABLE (18/4, 22/4, 22/2, 22/3PR) SHIELDED

1-16 AWG STRANDED CABLE CUT 3/16" INTO PAVEMENT TO EXIT LOOP DETECTOR MODULE - TO BE PROVIDED BY GATE CONTRACTOR

ACCESS CONTROL

22/4, 22/2, 22/3PR)

CONTROLLER

COMPOSITE CABLE (18/4,

16AWG—16AWG

ECS JOB NUMBER: ES-3247 SHEET INFORMATION:

SYSTEM DESIGNER:

SYSTEM REVIEWER:

SHEET TITLE:

ORIGINAL ISSUANCE:

NOT FOR CONSTRUCTION

REVISIONS

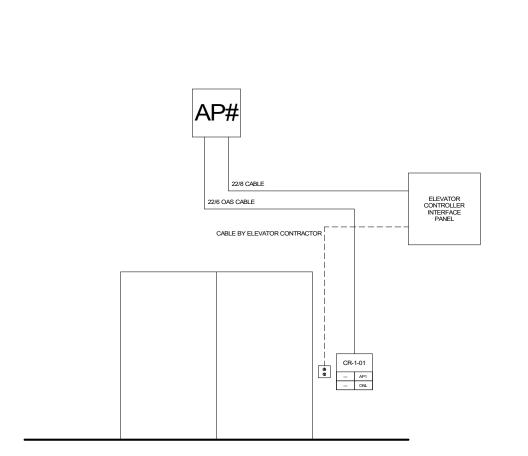
REVISION DATE DELTA

50% CD SET

ACCESS CONTROL SYSTEM DOOR DETAILS

SHEET NUMBER:

TS801



SECURED SIDE OF ELEVATOR DOOR - RESTRICTED ENTRY

ENTRY AT ELEVATOR WITH CALL BUTTON READER: PRESENT CREDENTIAL AT READER ADJACENT TO ELEVATOR CALL BUTTON ACCESS CONTROL SERVER AUTHENTICATES CREDENTIAL

ACCESS CONTROL PANEL TRIGGERS POWER TO ELEVATOR CONTROLLER

ELEVATOR CALL BUTTON IS ACTIVATED BY ELEVATOR CONTROLLER, ALLOWING CAB TO BE CALLED

ELEVATOR WITH CALL BUTTON IS DEACTIVATED

ELEVATOR DOOR IS LOCKED/SECURED

ELEVATOR CALL BUTTON READER

1/4" = 1'-0"

SECURED SIDE OF ELEVATOR - FREE-EGRESS

EGRESS FROM ELEVATOR: UPON OUTAGE OR FIRE ALARM EVENT, ELEVATOR

CONTROLLER SENDS ELEVATOR CAB TO LEVEL 1 & OPENS ELEVATOR DOOR ELEVATOR CAB TO REMAIN AT LEVEL 2 UNLESS FIRE DEPARTMENT KEY OVERRIDE IS USED

ELECTRIC STRIKE IS DEENERGIZED DOOR IS LOCKED/SECURED AN ALERT IS TO BE GENERATED TO FACILITIES MANAGEMENT IF THE DOOR REMAINS OPEN PAST A PROGRAMMABLE AMOUNT OF TIME

PRESENT CREDENTIAL AT READER PRESS PUSH-PAD ON EXIT DEVICE ACCESS CONTROL SERVER AUTHENTICATES CREDENTIAL DOOR LATCH RETRACTS ALLOWING DOOR TO OPEN ACCESS CONTROL PANEL TRIGGERS POWER TO ELECTRIC STRIKE ALL DOORS TO HAVE MECHANICAL-FREE EGRESS AT ALL TIMES ELECTRIC STRIKE IS ENERGIZED WITH 24V DC

EGRESS FROM DOOR WITH REQUEST TO EXIT MOTION SENSOR: APPROACH DOOR TO TRIGGER REQUEST TO EXIT MOTION SENSOR ACCESS CONTROL PANEL TRIGGERS POWER TO ELECTRIC STRIKE ELECTRIC STRIKE IS ENERGIZED WITH 24V DC DOOR IS UNLOCKED/UNSECURED, ALLOWING ENTRY ELECTRIC STRIKE IS DEENERGIZED

SECURED SIDE OF DOOR - FREE-EGRESS

EGRESS FROM DOOR WITH EXIT DEVICE

DOOR IS LOCKED/SECURED ALL DOORS HAVE MECHANICAL-FREE EGRESS AT ALL TIMES

ELECTRIC STRIKE W/ EXIT DEVICE

- 18/4 TO ELECTRIC STRIKE

<u>NON-SECURED SIDE OF DOOR - RESTRICTED ENTRY</u>

ACCESS CONTROL SERVER AUTHENTICATES CREDENTIAL

ACCESS CONTROL PANEL TRIGGERS POWER TO ELECTRIC STRIKE

AN ALERT IS TO BE GENERATED TO FACILITIES MANAGEMENT IF THE •

ACCESS CONTROL COMPOSITE CABLE

18/4 TO ELECTRIC STRIKE

NON-SECURED SIDE OF DOOR - RESTRICTED ENTRY

DOOR IS UNLOCKED/UNSECURED, ALLOWING ENTRY

ENTRY AT DOOR WITH FAIL SECURE ELECTRIC STRIKE

DOOR REMAINS OPEN PAST PROGRAMMABLE AMOUNT OF TIME

ENTRY AT DOOR WITH FAIL SECURE ELECTRIC STRIKE:

ELECTRIC STRIKE IS ENERGIZED WITH 24V DC

DOOR IS UNLOCKED/UNSECURED ALLOWING ENTRY

PRESENT CREDENTIAL AT READER

ELECTRIC STRIKE IS DEENERGIZED

DOOR IS LOCKED/SECURED

NTS

STOREROOM FUNCTION LEVER SET

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)
	CREDENTIAL READER (WALL MOUNTED)
CR-1-01	CR-LEVEL-READER NUMBER ACCESS CONTROL PANEL NUMBER READER FUNCTION: ONLINE (ONL) / STAND-ALONE (S. ARCHITECTURAL DOOR NUMBER LOCK FUNCTION DETAIL LOCATION

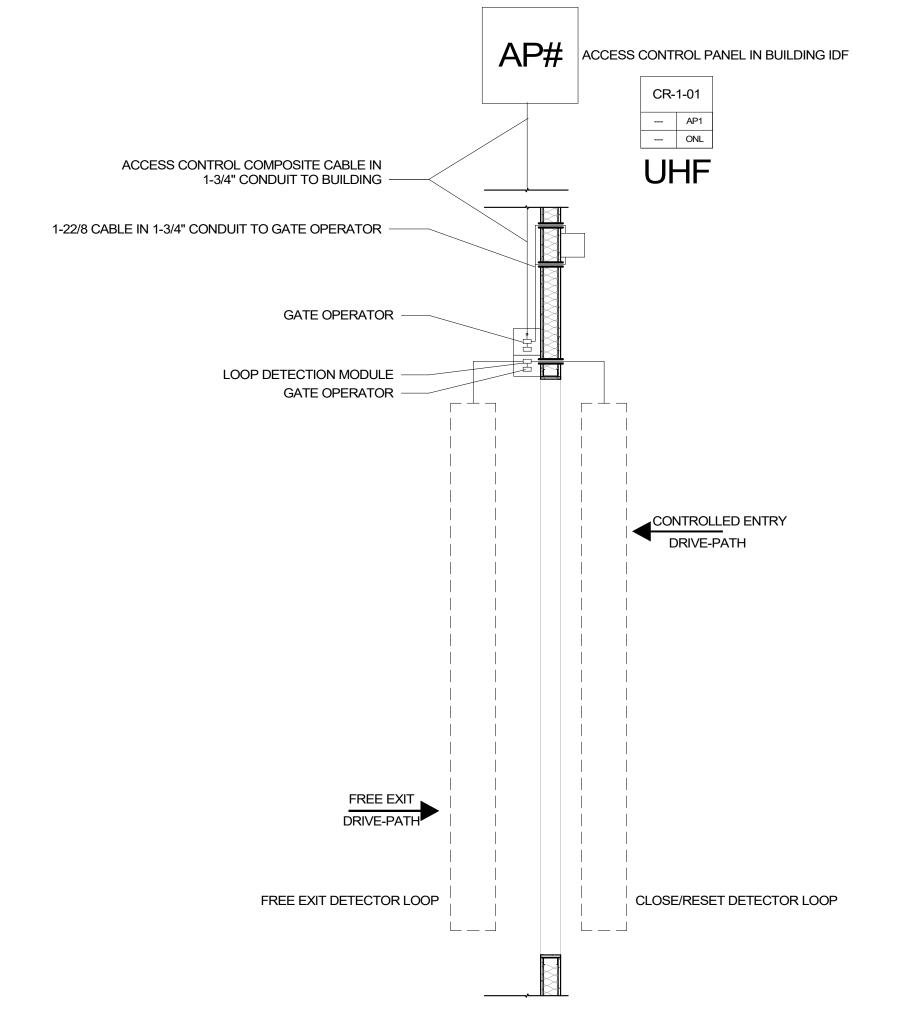
SECURITY SYSTEM PLAN NOTES

- 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 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
- 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.

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	1-22/60AS 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



SECURED SIDE OF GATE - FREE-EGRESS

GATE IS SECURED

EGRESS FROM ROLL-UP VEHICLE GATE WITH EXIT DETECTOR LOOP:

GATE OPERATE OPENS ROLL-UP VEHICLE GATE

GATE OPERATE CLOSED ROLL-UP VEHICLE GATE

APPROACH ROLL-UP VEHICLE GATE WITH EXIT DETECTOR LOOP IN VEHICLE

EXIT DETECTOR LOOP SENSES MAGNETIC PRESENCE OF VEHICLE

VEHICLE DRIVES CLEAR OF CLOSE/RESET DETECTOR LOOP

NON-SECURED SIDE OF GATE - RESTRICTED ENTRY

ENTRY AT FAIL SECURE ROLL-UP VEHICLE GATE WITH UHF RECEIVER: APPROACH GATE WITH UFH CREDENTIAL IN VEHICLE ACCESS CONTROL SERVER AUTHENTICATES CREDENTIAL ACCESS CONTROL PANEL TRIGGERS POWER TO GATE OPERATE GATE OPERATE OPENS ROLL-UP VEHICLE GATE VEHICLE DRIVES CLEAR OF CLOSE/RESET DETECTOR LOOP GATE OPERATE CLOSED ROLL-UP VEHICLE GATE

ROLL UP VEHICLE GATE - SINGLE

GATE IS SECURED

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PROJECT ARCHITECT

EVERBASE SOLUTIONS DENVER | CO

O: 855-255-5521

WWW.EVERBASESOLUTIONS.COM PROJECT INFORMATION

ORIGINAL ISSUANCE: 50% CD SET NOT FOR CONSTRUCTION REVISIONS REVISION DATE DELTA

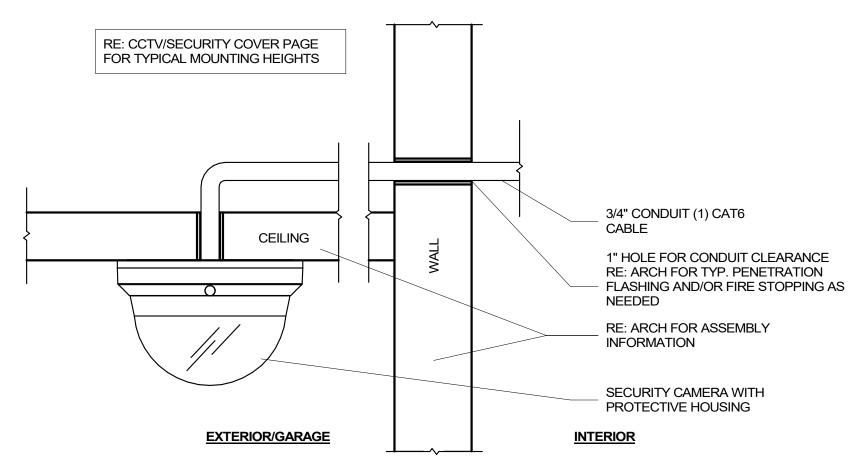
SYSTEM DESIGNER: SYSTEM REVIEWER: ECS JOB NUMBER:

ES-3247 SHEET INFORMATION: SHEET TITLE:

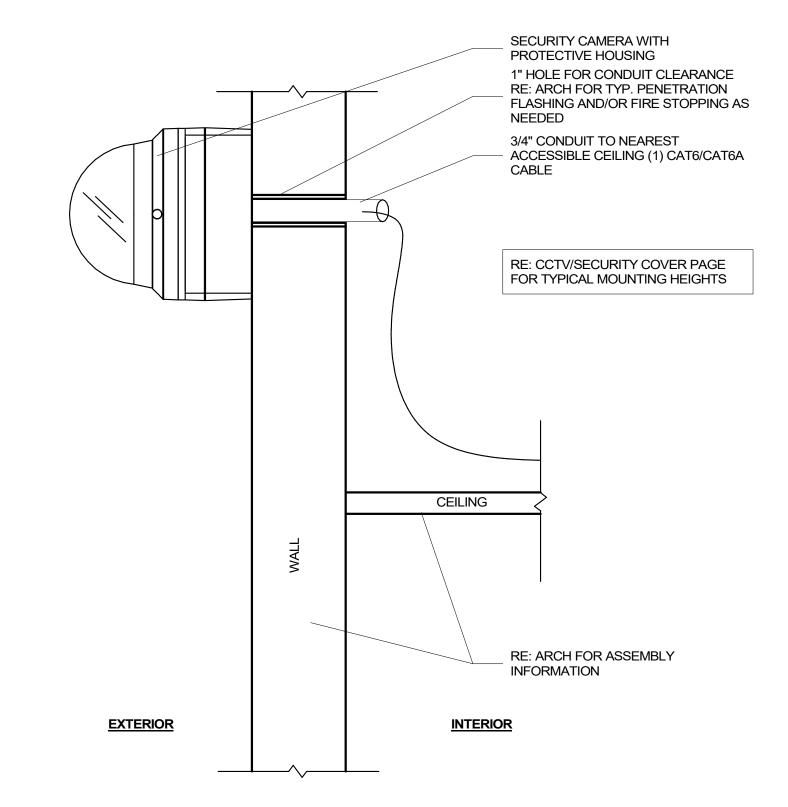
ACCESS CONTROL SYSTEM GATE DETAILS

SHEET NUMBER:

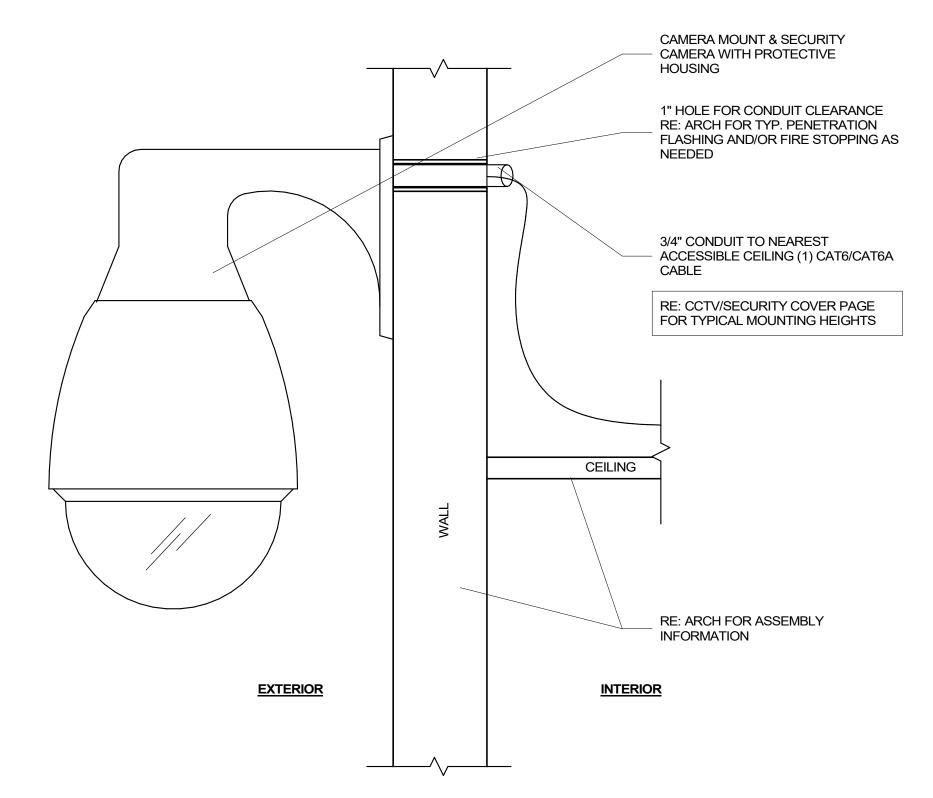
BULLET CAMERA - EXTERIOR WALL MOUNT



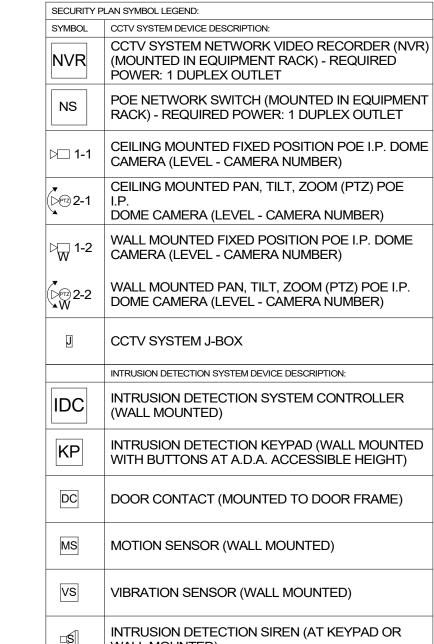
DOME CAMERA - EXTERIOR CEILING MOUNT



DOME CAMERA - EXTERIOR WALL MOUNT



DOME CAMERA PENDANT - EXTERIOR WALL MOUNT



SECURITY SYSTEM PLAN NOTES

- REFER TO TS-000 FOR STANDARD SECURITY DEVICE
- CABLE & CONDUIT ROUTING SUBJECT TO CHANGE BASED ON FIELD CONDITIONS
- ELECTRICAL CONTRACTOR TO PROVIDE POWER AS
- ELECTRICAL CONTRACTOR TO PROVIDE CONDUIT AT
- ALL CABLING IS TO BE ROUTED THROUGH DESIGNATED
- CONDUIT, SLEEVING & PULL BOX BY INSTALLING CONTRACTOR FAIL SAFE LOCATIONS REQUIRE POWER TO REMAIN
- ALARM EVENT
- 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
- ACCESS CONTROL SYSTEM IS TO BE INTEGRATED WITH
- WINDOW-TAG (TOLL-TAG) STYLE CREDENTIAL TO BE
- ARCHITECT TO COORDINATE ELEVATOR TRAVEL CABLE REQUIREMENTS WITH ELEVATOR CONTRACTOR TO SUPPORT CALL-BUTTON, IN-CAB CREDENTIAL READER, AND IN-CAB CAMERA PER DESIGN
- ELECTRIFIED UNIT LOCKS & COMMON AREA LOCKS PHONE-BASED APP AS CREDENTIAL TO BE UTILIZED
- FOR BOTH ELECTRIFIED UNIT LOCKS & COMMON AREA TELE ENTRY COMPONENT(S) TO BE COMPATIBLE WITH
- APP-BASED VIDEO PLATFORM UNLESS OTHERWISE
- 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

WALL MOUNTED)

- MOUNTING HEIGHTS REFER TO SECURITY DETAILS SHEETS SYSTEM

- LOCKED DOOR SHALL UNLOCK WHILE REMAINING LATCHED WHEN POWER IS REMOVED BY ACCESS CONTROL PANEL VIA A POWER OUTAGE OR FIRE
- DOOR NUMBERS ON THE ARCHITECTURAL PLANS SUPERSEDE ANY DOOR NUMBERS ON THESE PLANS.
- PRODUCT AND SITE GATES.
- THE VIDEO MANAGEMENT SYSTEM, TYP.
- UTILIZED AT VEHICLE GATES WITH UHF RECEIVERS
- ONE CREDENTIAL (FOB) TO BE UTILIZED FOR BOTH
- GARAGE REMOTE STYLE CREDENTIAL TO BE UTILIZED AT VEHICLE GATES WITH RF RECEIVERS
- FUNCTIONALITY REQUIREMENTS.

ORIGINAL ISSUANCE: 50% CD SET NOT FOR CONSTRUCTION REVISIONS REVISION DATE DELTA

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PROJECT INFORMATION

EVERBASE

SOLUTIONS

DENVER | CO

O: 855-255-5521

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SYSTEM DESIGNER: SYSTEM REVIEWER: ECS JOB NUMBER: ES-3247 SHEET INFORMATION:

CCTV SYSTEM DETAILS

SHEET NUMBER:

SHEET TITLE:

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) NS 1-CAT6 CABLE A.C. COMPOSITE - 2 CONDUCTOR STRANDED CABLE TO FIRE ALARM RELAY 1-22/4 CABLE CR-1-01 1-22/60AS CABLE --- ONL ELECTRIC LOCKING HARDWARE 1-18/4 CABLE 1-22/2 CABLE

ACCESS CONTROL SYSTEM CONNECTIVITY DIAGRAM

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)
	CREDENTIAL READER (WALL MOUNTED)
CR-1-01	CR-LEVEL-READER NUMBER ACCESS CONTROL PANEL NUMBER READER FUNCTION: ONLINE (ONL) / STAND-ALONE (SA) ARCHITECTURAL DOOR NUMBER LOCK FUNCTION DETAIL LOCATION

SECURITY SYSTEM PLAN NOTES

- REFER TO TS-000 FOR STANDARD SECURITY DEVICE MOUNTING HEIGHTS
- DIAGRAMS CABLE & CONDUIT ROUTING SUBJECT TO CHANGE
- BASED ON FIELD CONDITIONS ELECTRICAL CONTRACTOR TO PROVIDE POWER AS
- SPECIFIED ELECTRICAL CONTRACTOR TO PROVIDE CONDUIT AT
- 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 TELE ENTRY COMPONENT(S) TO BE COMPATIBLE WITH
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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
22/6OAS2	22/60AS	1-22/6OAS CABLE TO CREDENTIAL READER - PART OF ACCESS CONTROL COMPOSITE CABLE (18/4, 22/4, 22/2, 22/3PR) SHIELDED
16AWG—1	6AWG	1-16 AWG STRANDED CABLE CUT 3/16" INTO PAVEMENT TO EXIT LOOP DETECTOR MODULE - TO BE PROVIDED BY GATE

CONTRACTOR

REFER TO SECURITY DETAILS SHEETS SYSTEM

TECHNOLOGY CONSULTANT



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

ORIGINAL ISSUANCE: NOT FOR CONSTRUCTION REVISIONS REVISION DATE DELTA

SYSTEM DESIGNER: SYSTEM REVIEWER: ECS JOB NUMBER:

SHEET INFORMATION: SHEET TITLE:

ACCESS CONTROL SYSTEM DOOR

ACCE	SS CONTRO	OL 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	
_EVEL 1	DA103	BLDG A - ELEVATOR LOBBY	CR.A-02	AP1	ELECTRIC STRIKE W/ EXIT DEVICE	FAIL SECURE	ONL	SINGLE	1/TS801	
_EVEL 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	
_EVEL 1	DB113B	BLDG B - TRASH	CR.B-02	AP2	ELECTRIC STRIKE W/ EXIT DEVICE	FAIL SECURE	ONL	SINGLE	1/TS801	
EVEL 1	ELEV	BLDG B - ELEVATOR	CR.B-03	AP2	ELEVATOR CALL BUTTON READER	FAIL SECURE	ONL	SINGLE	3/TS801	
_EVEL 1	DB102	BLDG B - STAIR 1	CR.B-04	AP2	ELECTRIC STRIKE W/ EXIT DEVICE	FAIL SECURE	ONL	SINGLE	1/TS801	
EVEL 1	DB103	BLDG B - ELEVATOR LOBBY	CR.B-05	AP2	ELECTRIC STRIKE W/ EXIT DEVICE	FAIL SECURE	ONL	SINGLE	1/TS801	
EVEL 1	DB105A	BLDG B - PARKING GARAGE	CR.B-06	AP2	ELECTRIC STRIKE W/ EXIT DEVICE	FAIL SECURE	ONL	SINGLE	1/TS801	
EVEL 1	DC102A	BLDG C -VEHICLE ENTRNACE	CR.C-01	AP3	ROLL UP VEHICLE GATE - SINGLE	FAIL SECURE	ONL	GATE	1/TS802	
EVEL 1	DC102B	BLDG C - PARKING GARAGE	CR.C-02	AP3	ELECTRIC STRIKE W/ EXIT DEVICE	FAIL SECURE	ONL	SINGLE	1/TS801	
EVEL 1	DC103	BLDG C - STAIR 1	CR.C-03	AP3	ELECTRIC STRIKE W/ EXIT DEVICE	FAIL SECURE	ONL	SINGLE	1/TS801	
_EVEL 1	DC105	BLDG C - ELEVATOR LOBBY	CR.C-04	AP3	ELECTRIC STRIKE W/ EXIT DEVICE	FAIL SECURE	ONL	SINGLE	1/TS801	
_EVEL 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	
EVEL 1	DD103	BLDG D - STAIR	CR.D-01	AP4	ELECTRIC STRIKE W/ EXIT DEVICE	FAIL SECURE	ONL	SINGLE	1/TS801	
EVEL 1	ELEV	BLDG D - ELEVATOR	CR.D-02	AP4	ELEVATOR CALL BUTTON READER	FAIL SECURE	ONL	SINGLE	3/TS801	
_EVEL 1	DD105	BLDG D - ELEVATOR LOBBY	CR.D-03	AP4	ELECTRIC STRIKE W/ EXIT DEVICE	FAIL SECURE	ONL	SINGLE	3/TS801	
_EVEL 1	DD107	BLDG D - STAIR 2	CR.D-04	AP4	ELECTRIC STRIKE W/ EXIT DEVICE	FAIL SECURE	ONL	SINGLE	1/TS801	
_EVEL 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	Х	Х	Х	Х			Х				Х	Х		
ELECTRIC STRIKE W/ EXIT DEVICE (EXTERIOR GATE)	Х	Х	Х				Х				Х	Х		
ELECTRIC STRIKE W/ STOREROOM FUNCTION LEVEL SET	Х	Х	Х	Х			Х						Х	
ELECTRIFIED EXIT DEVICE W/ LATCH RETRACTION	Х	Х	Х	Х	Х							Х		
ELECTRIFIED EXIT DEVICE W/ VERTICAL RODS	Х	X	Х	Х		Х						Х		
ELECTRIFIED LEVER SET W/ EXIT DEVICE	Х	X	Х	Х				Х			Х			
ELECTRIFIED LEVER SET W/ LEVER TRIM	Х	Х	Х	Х				Х				Х		
MAGNETIC LOCK W/ EXIT DEVICE & EXIT BUTTON	Х	Х	Х	Х					Х	Х	Х	Х		
STAND-ALONE BATTERY OPERATED LEVER SET														Х

DOOR HARDWARE VEHICLE GATE BASE-ASSEMBLIES:	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
BARRIER-ARM VEHICLE GATE W/ UHF RECEIVER	Х	Х	Х	Х	Х	Х	Х		
ROLLING BARRIER VEHICLE GATE Q/ UHF RECEIVER	Х	Х	Х	Х	Х	Х		Х	
ROLL-UP VEHICLE GATE W/ UHF RECEIVER	Х	Х	Х	Х	X	Х			Х

DOOR HARDWARE LEGEND REFERENCE

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ORIGINAL ISSUANCE:		DATE:					
50% CD SET	03/31/23						
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REVISIONS							
REVISION	DATE	DELTA					

ECS JOB NUMBER: SHEET INFORMATION:

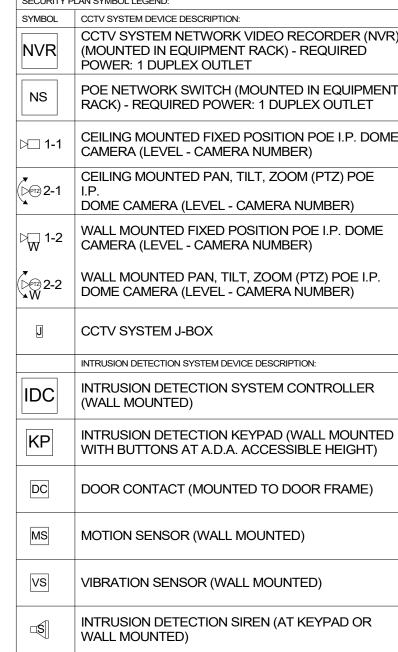
LOCK SCHEDULE

CCTV	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		

CAT6 CABLE CONNECTORS —		- CAT6 CABLE CONNECTORS -	
1-CAT6 OR CAT6A CABLE————————————————————————————————————	NS	——1-CAT6 OR CAT6A CABLE——	NVR
CCTV SYSTEM CONNECTIVITY DIAGRAM	М		

SECURITY PLAN SYMBOL LEGEND: SYMBOL CCTV SYSTEM DEVICE DESCRIPTION: CCTV SYSTEM NETWORK VIDEO RECORDER (NVR) | NVR | (MOUNTED IN EQUIPMENT RACK) - REQUIRED POWER: 1 DUPLEX OUTLET POE NETWORK SWITCH (MOUNTED IN EQUIPMENT RACK) - REQUIRED POWÈR: 1 DUPLEX OUTLET CEILING MOUNTED FIXED POSITION POE I.P. DOME CAMERA (LEVEL - CAMERA NUMBER) CEILING MOUNTED PAN, TILT, ZOOM (PTZ) POE 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)

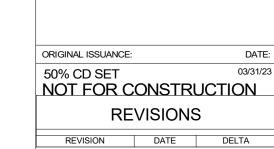
- REFER TO TS-000 FOR STANDARD SECURITY DEVICE MOUNTING HEIGHTS
- REFER TO SECURITY DETAILS SHEETS SYSTEM
- CABLE & CONDUIT ROUTING SUBJECT TO CHANGE BASED ON FIELD CONDITIONS
- ELECTRICAL CONTRACTOR TO PROVIDE POWER AS
- ELECTRICAL CONTRACTOR TO PROVIDE CONDUIT AT
- ALL CABLING IS TO BE ROUTED THROUGH DESIGNATED CONDUIT, SLEEVING & PULL BOX BY INSTALLING
- LOCKED DOOR SHALL UNLOCK WHILE REMAINING LATCHED WHEN POWER IS REMOVED BY ACCESS CONTROL PANEL VIA A POWER OUTAGE OR FIRE
- DOOR NUMBERS ON THE ARCHITECTURAL PLANS SUPERSEDE ANY DOOR NUMBERS ON THESE PLANS.
- 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.
- 12. ARCHITECT TO COORDINATE ELEVATOR TRAVEL CABLE REQUIREMENTS WITH ELEVATOR CONTRACTOR TO
- ELECTRIFIED UNIT LOCKS & COMMON AREA LOCKS 14. PHONE-BASED APP AS CREDENTIAL TO BE UTILIZED
- 15. TELE ENTRY COMPONENT(S) TO BE COMPATIBLE WITH APP-BASED VIDEO PLATFORM UNLESS OTHERWISE
- 16. GARAGE REMOTE STYLE CREDENTIAL TO BE UTILIZED
- 17. 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



SECURITY SYSTEM PLAN NOTES

- DIAGRAMS

- SPECIFIED
- CONTRACTOR FAIL SAFE LOCATIONS REQUIRE POWER TO REMAIN
- ALARM EVENT
- RE: ARCH FOR ANY DISCREPANCIES
- 11. WINDOW-TAG (TOLL-TAG) STYLE CREDENTIAL TO BE UTILIZED AT VEHICLE GATES WITH UHF RECEIVERS
- SUPPORT CALL-BUTTON, IN-CAB CREDENTIAL READER,
- AND IN-CAB CAMERA PER DESIGN 13. ONE CREDENTIAL (FOB) TO BE UTILIZED FOR BOTH
- FOR BOTH ELECTRIFIED UNIT LOCKS & COMMON AREA
- SPECIFIED.
- AT VEHICLE GATES WITH RF RECEIVERS FUNCTIONALITY REQUIREMENTS.



PROJECT ARCHITECT

TECHNOLOGY CONSULTANT

PROJECT INFORMATION

ONDO

EVERBASE

DENVER | CO

O: 855-255-5521

WWW.EVERBASESOLUTIONS.COM

SYSTEM DESIGNER:	
	AD/AF
SYSTEM REVIEWER:	
	LF

ECS JOB NUMBER: ES-3247 SHEET INFORMATION: SHEET TITLE:

> CCTV SCHEDULE & DIAGRAM

SHEET NUMBER: