

CLOSED CIRCUIT TELEVISION SYSTEM

SCOPE OF WORK

THE CLOSED-CIRCUIT TELEVISION (CCTV) SYSTEM IS PROVIDED AS A SPOT & DOT DESIGN CONSISTS OF THE SUPPLY OF FIFTY-ONE (51) INDOOR AND OUTDOOR CAMERAS. THE SCOPE INCLUDES NETWORK VIDEO RECORDERS (NVRs), POE SWITCHES, AND ALL NECESSARY ACCESSORIES REQUIRED FOR A COMPLETE AND OPERATIONAL SURVEILLANCE SYSTEM.

PATCH PANELS, EQUIPMENT RACKS, AND RACK ACCESSORIES ARE EXCLUDED FROM THIS SCOPE OF WORK.

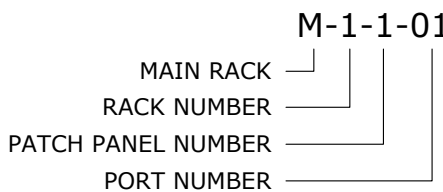
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SYSTEM NOTES

- ALL APPLICABLE PERMITS SHALL BE OBTAINED PRIOR TO STARTING WORK.
- WORK SHALL COMPLY WITH ALL APPLICABLE CODES.
- ALL DEVICES EITHER INSTALLED WITHIN THE SCOPE OF THIS PROJECT OR AFFECTED BY THIS PROJECT SHALL BE TESTED.
- ALL CABLE SHALL BE RATED FOR THE ENVIRONMENT IN WHICH IT IS INSTALLED.
- ALL WORK SHALL BE PERFORMED IN A PROFESSIONAL MANNER.
- AREAS AFFECTED BY THE SCOPE OF THIS PROJECT SHALL BE KEPT CLEAN AND TRASH REMOVED DAILY.
- EXPOSED CONDUCTORS SHALL BE RUN ALONG CEILING JOISTS AND GIRDERS. ALL WIRING TO BE CONCEALED FROM PUBLIC VIEW. EXPOSED WIRING SHALL NOT BE RUN IN A "SPAN" FASHION BETWEEN BAR JOISTS OR GIRDERS. IF NECESSARY SUCH WIRING SHALL BE SECURED TO THE STRUCTURAL CEILING BETWEEN JOISTS OR GIRDERS.
- EXPOSED WIRING TO BE SUPPORTED BY BUILDING STRUCTURE AT NO MORE THAN FIVE (5) FOOT INTERVALS.
- ALL WIRING IN FINISHED AREAS SHALL BE CONCEALED.
- ALL JUNCTION BOXES AND CABLE SPLICES SHALL BE IN ACCESSIBLE LOCATIONS.
- ALL CABLE RUNS SHALL BE NEATLY BUNDLED, WRAPPED TIGHT AND PROPERLY SECURED.
- CONTRACTOR RUNNING WIRE MUST MARK BOTH ENDS OF WIRE AND PROVIDE A WIRE LEGEND FOR ALL LOCATIONS.
- ALL CABLING SHALL BE TAGGED AT ALL JUNCTION POINTS AND SHALL TEST FREE FROM GROUNDS OR CROSSES BETWEEN CONDUCTORS.
- COORDINATE EXACT PLACEMENT OF ALL DEVICES WITH THE ARCHITECTURAL PLANS, OWNER, AND GENERAL CONTRACTOR PRIOR TO INSTALLATION.
- HOLES IN WALLS OR FLOOR CUTS MADE DURING THE PERFORMANCE OF THIS WORK SHALL BE PATCHED SO AS TO COMPLETELY CONCEAL THE HOLES AND CUTS WHERE THEY WOULD OTHERWISE BE EXPOSED TO VIEW.
- IN NO CASE SHALL THE CONDUCTORS WITHIN METALLIC RACEWAY EXCEED 40% FILL. IN SUCH SITUATIONS LARGER SERIES WIRE MOLD OR OTHER CONDUIT SHALL BE USED.
- ALL WORK WILL FOLLOW CURRENT NEC STANDARDS FOR CONDUIT, GROUNDING, INSTALLATION OF WIRING AND WIRE TYPES..

PATCH PANEL LEGEND



CCTV SYMBOL LEGEND	
SYMBOL	PART NUMBER
	ADVER64R5DK, AMERICAN DYNAMICS NVR, RACK MOUNT RO-ADVEC01, AMERICAN DYNAMICS, CAMERA LICENSE
	SM48TAT4XA-RP, 48-PORT POE SWITCH SM8TAT2SA, 8-PORT POE SWITCH
	CE-L07, CLINTON ELECTRONICS MONITOR CE-178A, CLINTON ELECTRONICS MOUNT
	XNP-C6403R, HANWHA PTZ CAMERA SBP-PTZ8SW, HANWHA BUBBLE COVER SBP-156HMMW, HANWHA HANGING MOUNT 02209-001, AXIS POE INJECTOR
	XNP-C9310R, HANWHA PTZ CAMERA SBP-PTZ3SW, HANWHA DOME COVER SBP-156HMMW, HANWHA HANGING MOUNT SBP-390HMMW2, HANWHA LONG ARM MOUNT 02209-001, AXIS POE INJECTOR
	XNV-C7083R, HANWHA 4MP EXT. CAMERA SBP-VAN85W, HANWHA BUBBLE COVER SBP-167HMMW, HANWHA CAP ADAPTER
	XNV-6083R, HANWHA 2MP EXT. CAMERA SBP-VAN85W, HANWHA BUBBLE COVER SBP-167HMMW, HANWHA CAP ADAPTER
	XNV-C7083R, HANWHA 4MP EXT. CAMERA SBP-VAN88W, HANWHA COVER SBP-167HMMW, HANWHA CAP ADAPTER
	XNV-6083R, HANWHA 2MP EXT. CAMERA SBP-300WMMW1, HANWHA WALL MOUNT SBP-167HMMW, HANWHA CAP ADAPTER
	QNF-C9010, HANWHA 12MP FISHEYE CAMERA SBP-099HMMW, HANWHA MOUNTING CAP
	QNF-C9010V, HANWHA 12MP CAMERA SBP-300WMMW1, HANWHA WALL MOUNT SBP-120HMMW, HANWHA CAP ADAPTER
	CE-IDX40, CLINTON ELEC. ANALOG CAMERA CE-IDXWB, CLINTON ELEC. WALL BRACKET 06-PPS2420, CLINTON ELEC. TRANSFORMER 01680-001 AXIS VIDEO ENCODER
	S801-641, AXIS SURGE PROTECTOR
	CAT 6 CABLE
CCTV WIRE LEGEND	
EE	CAT6, SHIELDED, COPPER , INDOOR
EEb	CAT6, SHIELDED, COPPER , OUTDOOR

#	REVISION	DATE:
	DESCRIPTION	

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	DESCRIPTION	

Designed by:	AP	Date:	--/------
Drawn by:	AP	Scale:	AS NOTED
Approved By:	SP	Project:	

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CLOSED CIRCUIT TELEVISION
COVER PAGE

CCTV-00

CCTV PATCH PANEL / CAMERA SCHEDULE																																													
PROJECT																						DATE																							
TOTALS								51	1	1	1									3	1	7	9	29	1	1									3	1	13	1	2	29	1	2	5	3	1
DRAWING PAGE	CAMERA NUMBER	ENVIRONMENT	CAMERA TYPE	PATCH PANEL PORT	CAMERA MOUNTING METHOD	CAMERA WATTAGE (W)	POE SWITCH LOCATION	AMERICAN DYNAMICS LICENSE PART # RO-ADVEC01	POE NETWORK SWITCH PART # SM48TAT4XA-RP	POE NETWORK SWITCH PART # SM8TAT2SA	NETWORK VIDEO RECORDER PART # ADVER64R5DK		HANWHA XNP-C6403R	HANWHA XNP-C9310R	HANWHA XNV-C7083R	HANWHA XNV-6083R	HANWHA QNF-C9010	HANWHA QNF-C9010V	CLINTON ELECTRONICS CE-IDX40	HANWHA ACCESSORIES SPB-PTZ85W + SBP-156HMMW	HANWHA ACCESSORIES SPB-PTZ85W + SBP-390WMMW2 + SBP-156HMMW	HANWHA ACCESSORIES SBP-VAN85W + SBP-167HMMW	HANWHA ACCESSORIES SBP-VAN88W + SBP-167HMMW	HANWHA ACCESSORIES SBP-300WMMW1 + SBP-167HMMW	HANWHA ACCESSORIES SBP-099HMMW	CLINTON ELECTRONICS CE-IDXWB + 0E-PPS2420	AXIS VIDEO ENCODER 01680-001	SURGE PROTECTOR AXIS 5801-641	POE INJECTOR AXIS 02740-004	POE INJECTOR AXIS 02209-001															
CCTV-01	CAM-L1-1	INDOOR	C14	M-1-1-01	WALL	-	MC 122	1											1								1																		
CCTV-01	CAM-L1-2	INDOOR	C11	M-1-1-03	CEILING	7.3	MC 122	1																		1	1																		
CCTV-01	CAM-L1-3	INDOOR	C4	M-1-1-04	WALL	22.5	MC 122	1									1									1																			
CCTV-01	CAM-L1-4	INDOOR	C11	M-1-1-05	PENDANT	7.3	MC 122	1										1								1																			
CCTV-01	CAM-L1-5	INDOOR	C11	M-1-1-06	PENDANT	7.3	MC 122	1										1								1																			
CCTV-01	CAM-L1-6	INDOOR	C11	M-1-1-07	PENDANT	7.3	MC 122	1										1								1																			
CCTV-01	CAM-L1-7	INDOOR	C4	M-1-1-08	CEILING	22.5	MC 122	1															1																						
CCTV-01	CAM-L1-8	INDOOR	C4	M-1-1-09	CEILING	22.5	MC 122	1															1																						
CCTV-01	CAM-L1-9	INDOOR	C11	M-1-1-10	PENDANT	7.3	MC 122	1																						1															
CCTV-01	CAM-L1-10	INDOOR	C11	M-1-1-11	CEILING	7.3	MC 122	1																																					
CCTV-01	CAM-L1-11	INDOOR	C11	M-1-1-12	CEILING	7.3	MC 122	1																																					
CCTV-01	CAM-L1-12	INDOOR	C4	M-1-1-13	BUSSTRUT	22.5	MC 122	1																																					
CCTV-01	CAM-L1-13	INDOOR	C11	M-1-1-14	BUSSTRUT	7.3	MC 122	1																																					
CCTV-01	CAM-L1-14	INDOOR	C11	M-1-1-15	BUSSTRUT	7.3	MC 122	1																																					
CCTV-01	CAM-L1-15	INDOOR	C11	M-1-1-16	BUSSTRUT	7.3	MC 122	1																																					
CCTV-01	CAM-L1-16	INDOOR	C4	M-1-1-17	BUSSTRUT	22.5	MC 122	1																																					
CCTV-01	CAM-L1-17	INDOOR	C11	M-1-1-18	BUSSTRUT	7.3	MC 122	1																																					
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CCTV-01	CAM-L1-20	INDOOR	C11	M-1-1-21	BUSSTRUT	7.3	MC 122	1																																					
CCTV-01	CAM-L1-21	INDOOR	C11	M-1-1-22	BUSSTRUT	7.3	MC 122	1																																					
CCTV-01	CAM-L1-22	INDOOR	C4	M-1-1-23	BUSSTRUT	22.5	MC 122	1																																					
CCTV-01	CAM-L1-23	INDOOR	C11	M-1-1-24	BUSSTRUT	7.3	MC 122	1																																					
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CCTV-01	CAM-L1-26	INDOOR	C1	M-1-1-27	BUSSTRUT	40	MC 122	1	1												1										1														
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CCTV-01	CAM-L1-30	INDOOR	C11	M-1-1-31	BUSSTRUT	7.3	MC 122	1																																					
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CCTV-01	CAM-L1-34	INDOOR	C3	M-1-1-35	PENDANT	12.95	MC 122	1																																					
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CCTV-01	CAM-L1-36	INDOOR	C3	M-1-1-37	BUSSTRUT	12.95	MC 122	1																																					
CCTV-01	CAM-L1-37	INDOOR	C3	M-1-1-38	BUSSTRUT	12.95	MC 122	1																																					
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CCTV-01	CAM-L1-42	INDOOR	C4	M-1-1-43	BUSSTRUT	22.5	MC 122	1																																					
CCTV-01	CAM-L1-43	INDOOR	C11	M-1-1-44	BUSSTRUT	7.3	MC 122	1																																					
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CCTV-01	CAM-L1-46	INDOOR	C11	M-1-1-47	BUSSTRUT	7.3	MC 122	1																																					
CCTV-01	CAM-L2-1	EXTERIOR	C10	M-1-2-35	WALL	22.5	MC 122	1																																					
CCTV-01	CAM-L2-2	EXTERIOR	C2	M-1-2-36	PENDANT	62	MC 122	1																																					
CCTV-01	CAM-L2-3	EXTERIOR	C6	M-1-2-37	PENDANT	12.95	MC 122	1																																					
CCTV-01	CAM-L2-4	EXTERIOR	C13	M-1-2-38	WALL	11.5	MC 122	1																																					
CCTV-01	CAM-L2-5	EXTERIOR	C10	M-1-2-39	WALL	22.5	MC 122	1																																					

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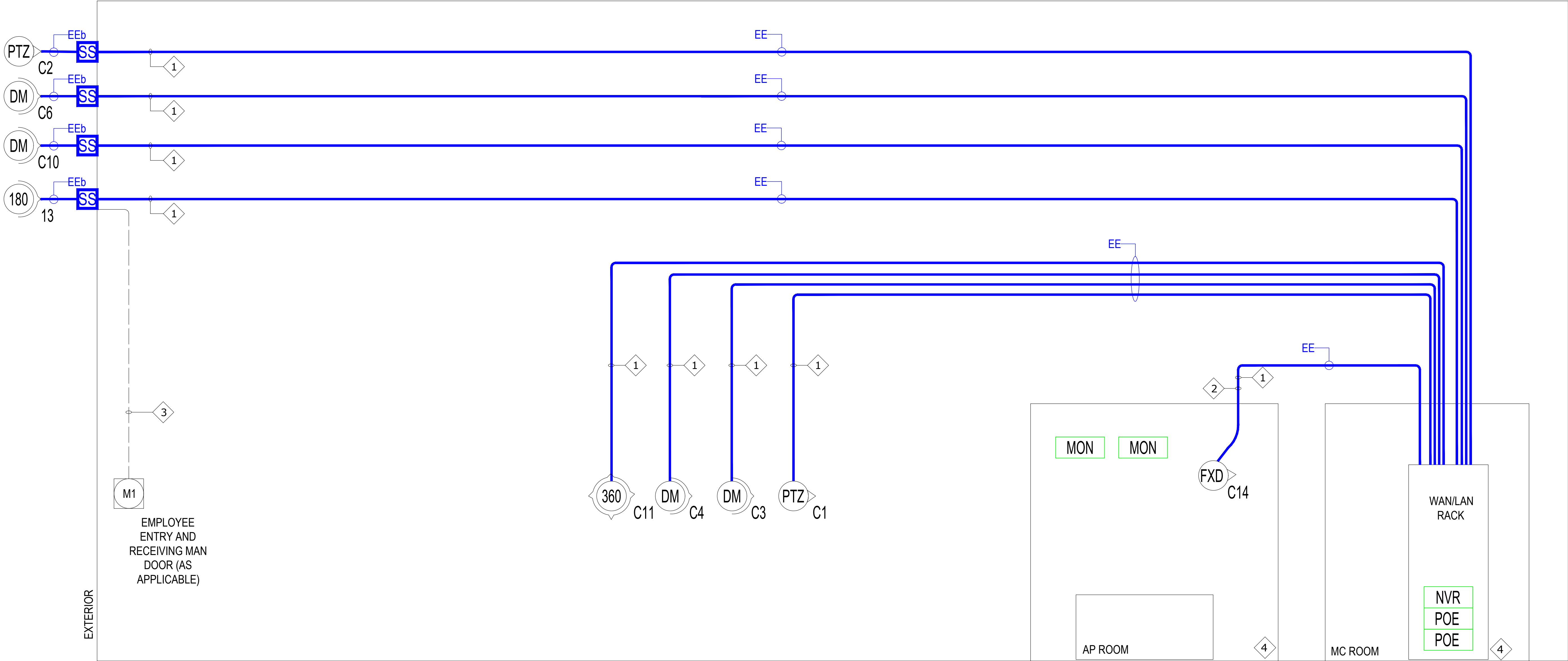
FIRE ALARM
DESIGN CO.

CLOSED CIRCUIT TELEVISION
DEVICE SCHEDULES

CCTV SYMBOL LEGEND	
SYMBOL	PART NUMBER
	ADVER64R5DK, AMERICAN DYNAMICS NVR, RACK MOUNT RO-ADVEC01, AMERICAN DYNAMICS, CAMERA LICENSE
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	5801-641, AXIS SURGE PROTECTOR
	CAT 6 CABLE
CCTV WIRE LEGEND	
EE	CAT6, SHIELDED, COPPER , INDOOR
EEb	CAT6, SHIELDED, COPPER , OUTDOOR

RISER NOTES:

- ① AT 6 CABLE PROVIDED BY COMMUNICATIONS CONTRACTOR.
PROVIDE 15 FOOT SPARE LOOP AT CAMERA END AND 10 FOOT SPARE
LOOP AT TELECOMMUNICATIONS RACK COILED ON TOP OF LADDER RACK.
- ② ROVIDE IP ENCODER(S) FOR ALL ANALOG CAMERAS TO ENABLE
INTEGRATION WITH THE IP-BASED CCTV SYSTEM.
- ③ HDMI CABLE SHALL BE PROVIDED BY THE SURVEILLANCE VIDEO
INSTALLER FOR MAN DOOR LOCATIONS, WHERE APPLICABLE.
- ④ SURVEILLANCE VIDEO & POWER COMBINATION OUTLETS TO BE
PROVIDED BY ELECTRICAL CONTRACTOR.



RISER DIAGRAM
SCALE: N.T.S

DATE:	

#	REVISION	DESCRIPTION

Date:	AP	Scale:	AS NOTED
Designed by:	AP	Drawn by:	AP
Approved By:	SP		

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CLOSED CIRCUIT TELEVISION
RISER DIAGRAM

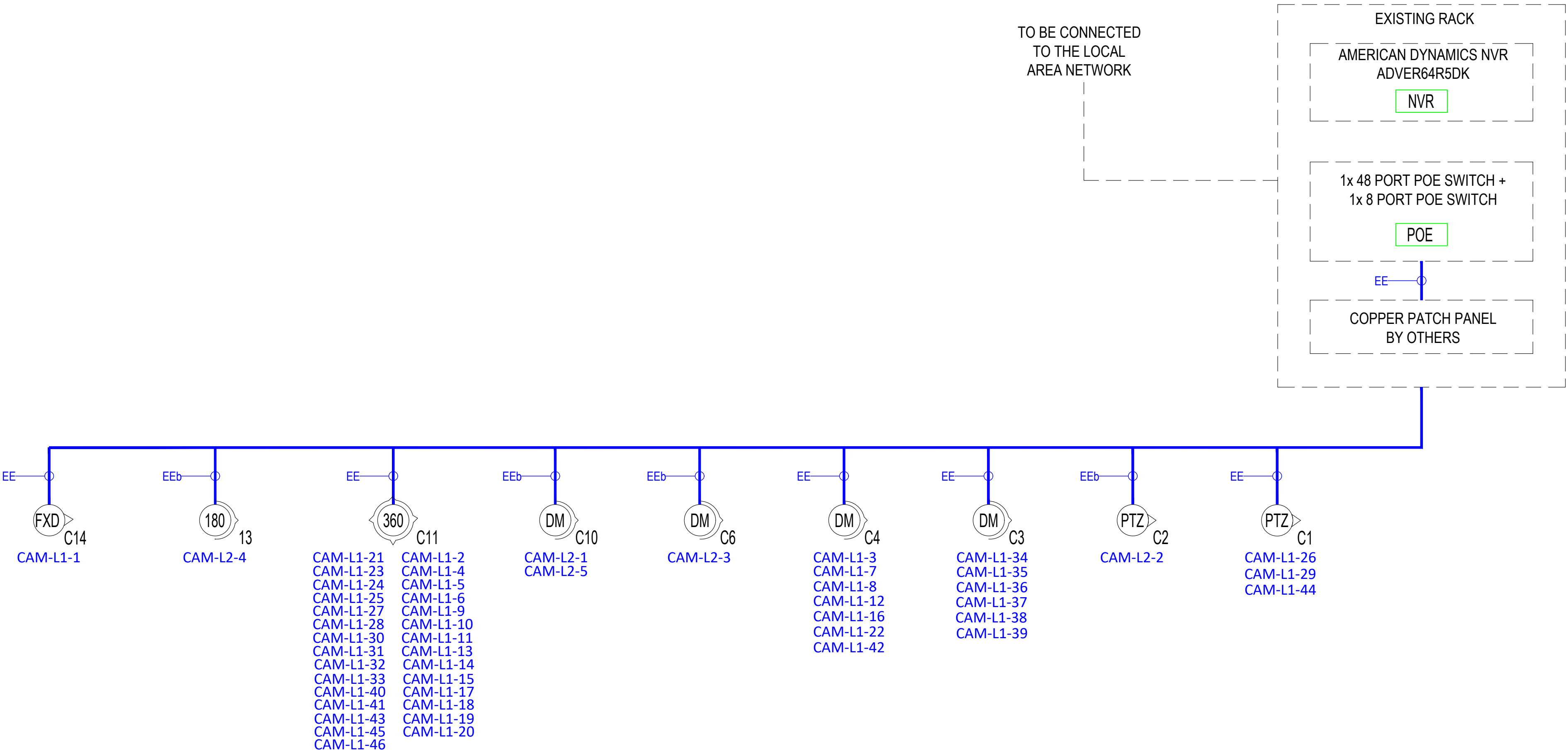
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	5801-641, AXIS SURGE PROTECTOR
	CAT 6 CABLE

CCTV WIRE LEGEND	
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CCTV PATCH PANEL/ CAMERA SCHEDULE

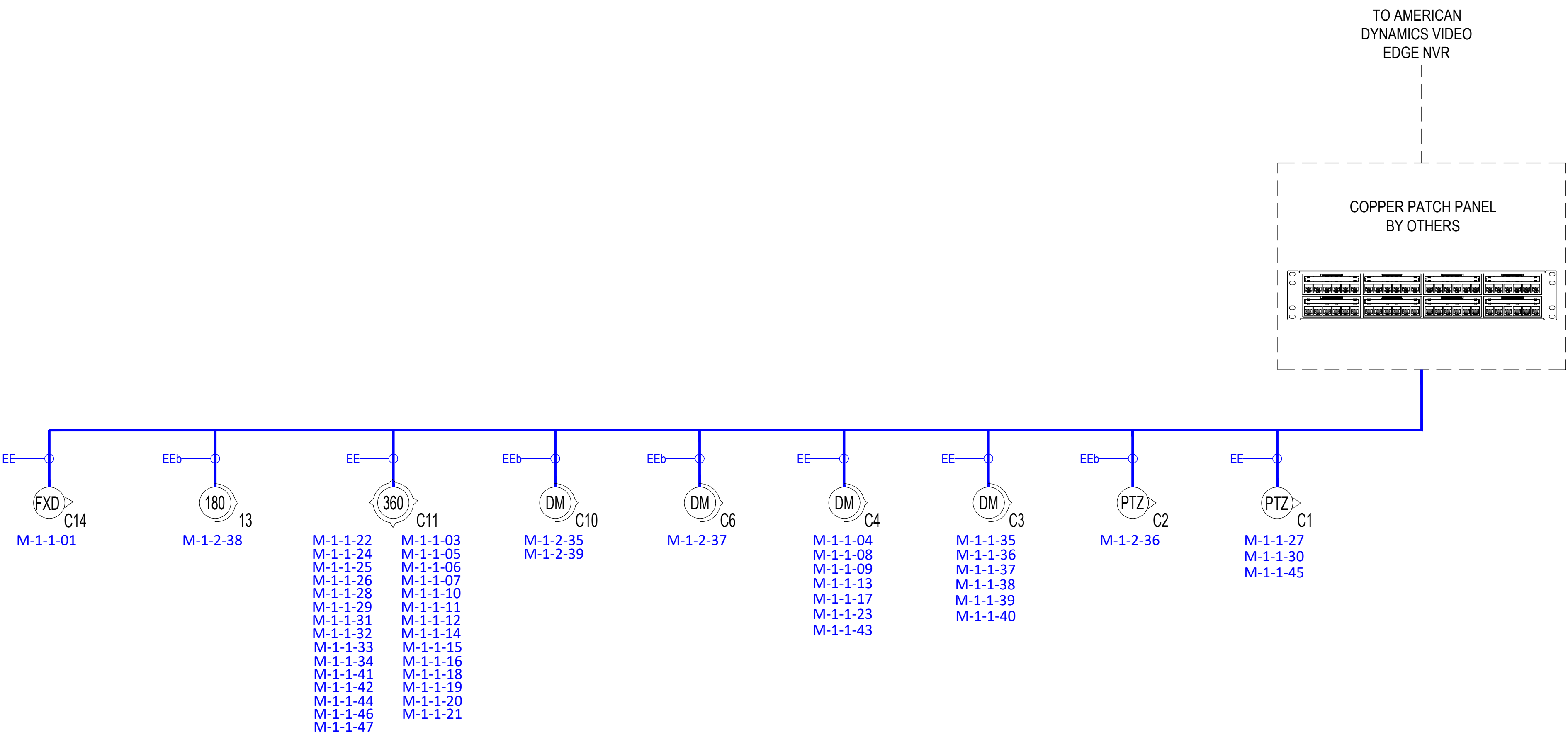
PROJECT

DRAWING PAGE	CAMERA NUMBER	ENVIRONMENT	CAMERA TYPE	PATCH PANEL PORT	CAMERA MOUNTING METHOD	LOCATION
CCTV01	CAM-L1-1	INDOOR	C14	M-1-1-01	WALL	A.P. 120
CCTV01	CAM-L1-2	INDOOR	C11	M-1-1-03	CEILING	C.R. 115
CCTV01	CAM-L1-3	INDOOR	C4	M-1-1-04	WALL	M.C. 122
CCTV01	CAM-L1-4	INDOOR	C11	M-1-1-05	PENDANT	RECEIVING 125A
CCTV01	CAM-L1-5	INDOOR	C11	M-1-1-06	PENDANT	RECEIVING 125A
CCTV01	CAM-L1-6	INDOOR	C11	M-1-1-07	PENDANT	RECEIVING 125A
CCTV01	CAM-L1-7	INDOOR	C4	M-1-1-08	CEILING	SORTING ROOM 102D
CCTV01	CAM-L1-8	INDOOR	C4	M-1-1-09	CEILING	CORRIDOR 105
CCTV01	CAM-L1-9	INDOOR	C11	M-1-1-10	PENDANT	MAINTENANCE 121
CCTV01	CAM-L1-10	INDOOR	C11	M-1-1-11	CEILING	WORK AREA 112
CCTV01	CAM-L1-11	INDOOR	C11	M-1-1-12	CEILING	BREAK ROOM 116
CCTV01	CAM-L1-12	INDOOR	C4	M-1-1-13	BUSSTRUT	MEN'S SHOES
CCTV01	CAM-L1-13	INDOOR	C11	M-1-1-14	BUSSTRUT	MEN'S SHOES
CCTV01	CAM-L1-14	INDOOR	C11	M-1-1-15	BUSSTRUT	MEN'S SHOES
CCTV01	CAM-L1-15	INDOOR	C11	M-1-1-16	BUSSTRUT	MEN'S SHOES
CCTV01	CAM-L1-16	INDOOR	C4	M-1-1-17	BUSSTRUT	WOMEN'S SHOES
CCTV01	CAM-L1-17	INDOOR	C11	M-1-1-18	BUSSTRUT	WOMEN'S SHOES
CCTV01	CAM-L1-18	INDOOR	C11	M-1-1-19	BUSSTRUT	WOMEN'S SHOES
CCTV01	CAM-L1-19	INDOOR	C11	M-1-1-20	BUSSTRUT	WOMEN'S SHOES
CCTV01	CAM-L1-20	INDOOR	C11	M-1-1-21	BUSSTRUT	WOMEN'S SHOES
CCTV01	CAM-L1-21	INDOOR	C11	M-1-1-22	BUSSTRUT	WOMEN'S SHOES
CCTV01	CAM-L1-22	INDOOR	C4	M-1-1-23	BUSSTRUT	WOMEN'S SHOES
CCTV01	CAM-L1-23	INDOOR	C11	M-1-1-24	BUSSTRUT	KIDS SHOES
CCTV01	CAM-L1-24	INDOOR	C11	M-1-1-25	BUSSTRUT	KIDS
CCTV01	CAM-L1-25	INDOOR	C11	M-1-1-26	BUSSTRUT	BEAUTY
CCTV01	CAM-L1-26	INDOOR	C1	M-1-1-27	BUSSTRUT	BEAUTY
CCTV01	CAM-L1-27	INDOOR	C11	M-1-1-28	BUSSTRUT	ACCESSORIES
CCTV01	CAM-L1-28	INDOOR	C11	M-1-1-29	BUSSTRUT	ACCESSORIES
CCTV01	CAM-L1-29	INDOOR	C1	M-1-1-30	BUSSTRUT	WOMEN'S
CCTV01	CAM-L1-30	INDOOR	C11	M-1-1-31	BUSSTRUT	WOMEN'S
CCTV01	CAM-L1-31	INDOOR	C11	M-1-1-32	BUSSTRUT	WOMEN'S
CCTV01	CAM-L1-32	INDOOR	C11	M-1-1-33	BUSSTRUT	WOMEN'S
CCTV01	CAM-L1-33	INDOOR	C11	M-1-1-34	BUSSTRUT	WOMEN'S
CCTV01	CAM-L1-34	INDOOR	C3	M-1-1-35	PENDANT	FLEX
CCTV01	CAM-L1-35	INDOOR	C3	M-1-1-36	PENDANT	FLEX
CCTV01	CAM-L1-36	INDOOR	C3	M-1-1-37	BUSSTRUT	FLEX
CCTV01	CAM-L1-37	INDOOR	C3	M-1-1-38	BUSSTRUT	FLEX
CCTV01	CAM-L1-38	INDOOR	C3	M-1-1-39	BUSSTRUT	FLEX
CCTV01	CAM-L1-39	INDOOR	C3	M-1-1-40	BUSSTRUT	FLEX
CCTV01	CAM-L1-40	INDOOR	C11	M-1-1-41	BUSSTRUT	FLEX
CCTV01	CAM-L1-41	INDOOR	C11	M-1-1-42	BUSSTRUT	HOMIE
CCTV01	CAM-L1-42	INDOOR	C4	M-1-1-43	BUSSTRUT	VESTIBULE 101C
CCTV01	CAM-L1-43	INDOOR	C11	M-1-1-44	BUSSTRUT	MENS
CCTV01	CAM-L1-44	INDOOR	C1	M-1-1-45	BUSSTRUT	MENS
CCTV01	CAM-L1-45	INDOOR	C11	M-1-1-46	BUSSTRUT	MENS
CCTV01	CAM-L1-46	INDOOR	C11	M-1-1-47	BUSSTRUT	MENS
CCTV01	CAM-L2-1	EXTERIOR	C10	M-1-2-35	WALL	EXT. VESTIBULE 101C
CCTV01	CAM-L2-2	EXTERIOR	C2	M-1-2-36	PENDANT	ENTRY PORTAL 101
CCTV01	CAM-L2-3	EXTERIOR	C6	M-1-2-37	PENDANT	ENTRY PORTAL 101
CCTV01	CAM-L2-4	EXTERIOR	C13	M-1-2-38	WALL	EXT.-REC. LOADING DOCK
CCTV01	CAM-L2-5	EXTERIOR	C10	M-1-2-39	WALL	EXT.-RECEIVING MAIN DOOR



RISER DIAGRAM - POE & NVR CONNECTION

SCALE: N.T.S



RISER DIAGRAM - PATCH PANEL CONNECTION

SCALE: N.T.S

DATE:	
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REVISION	DESCRIPTION
#	

Date:	AP	AS NOTED
Scale:	AP	
Project:	SP	

Designed by: AP

Drawn by: AP

Approved By: SP

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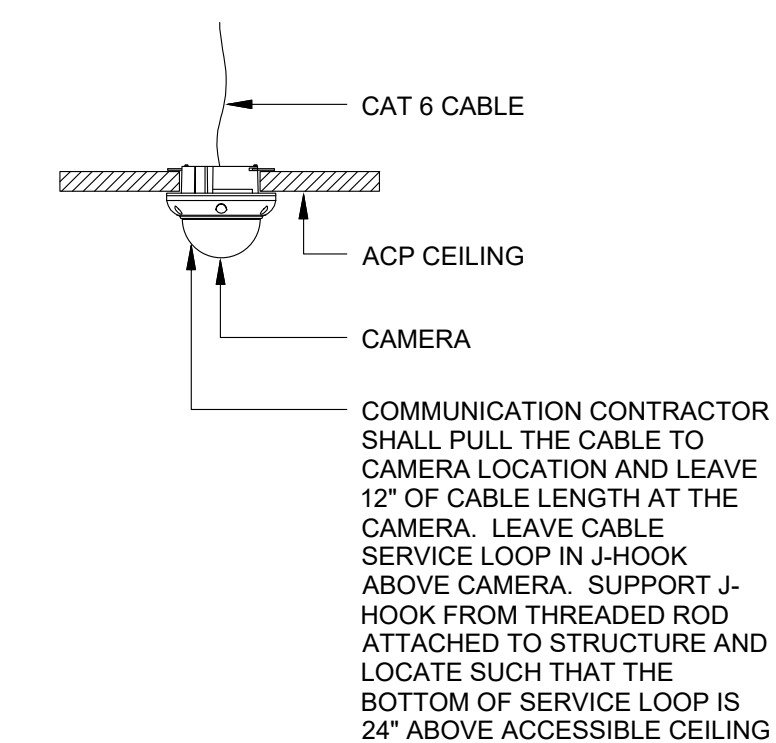
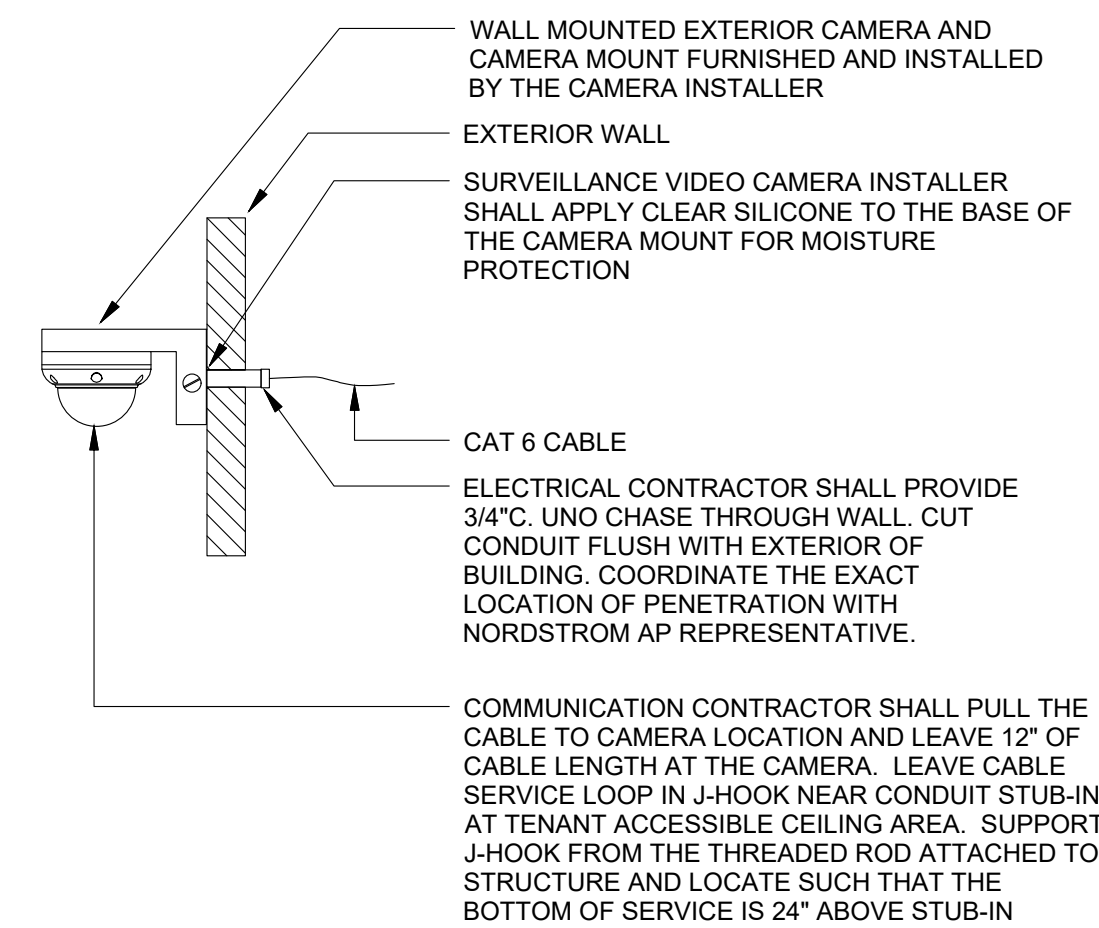
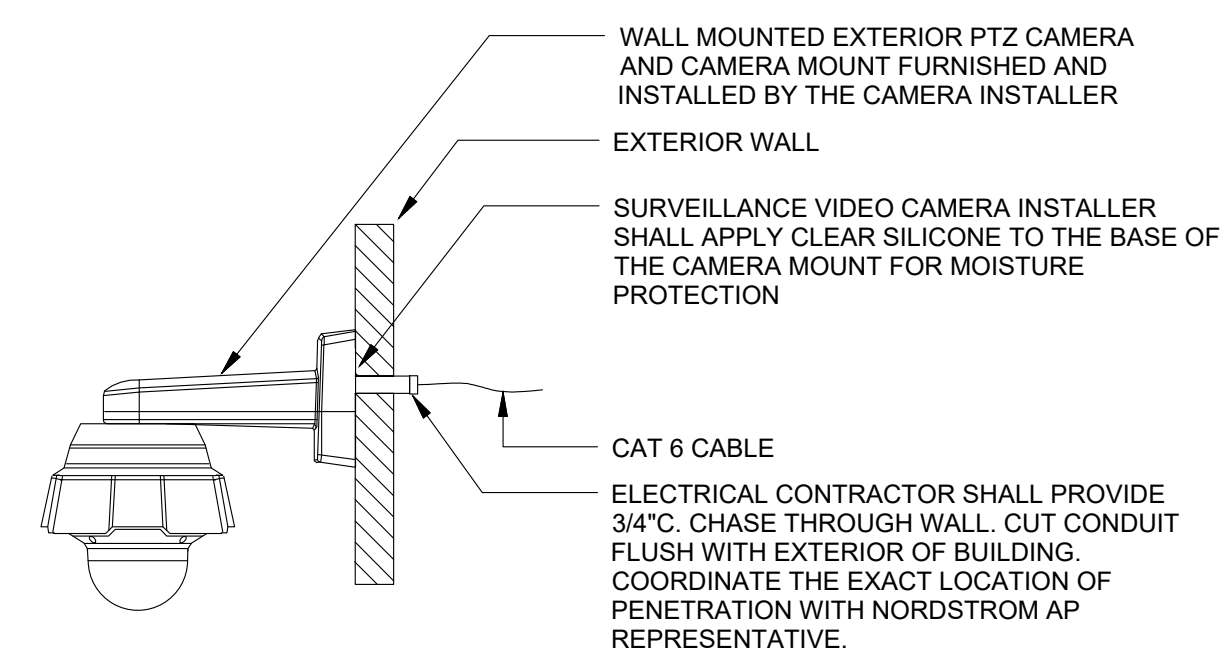
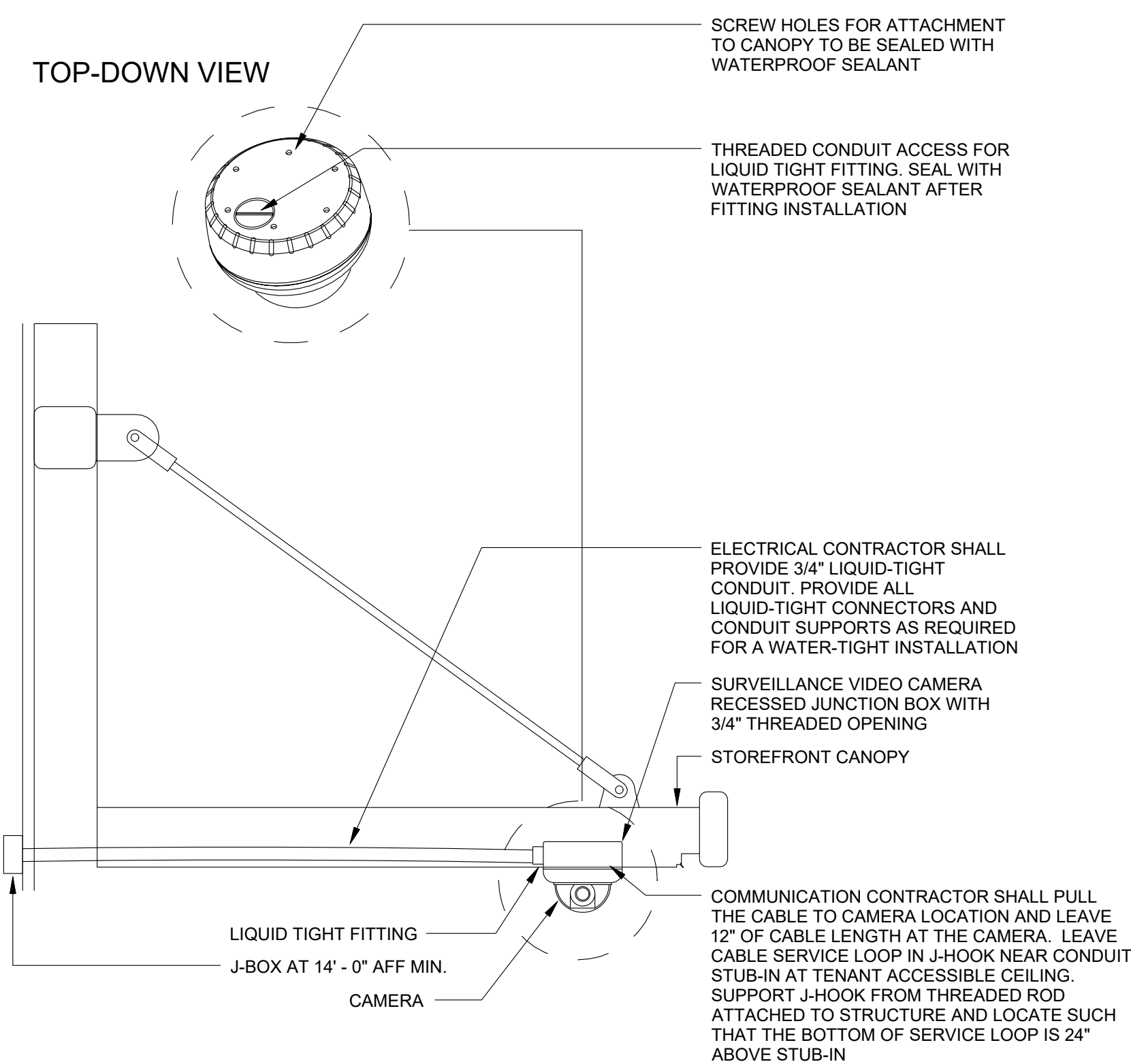
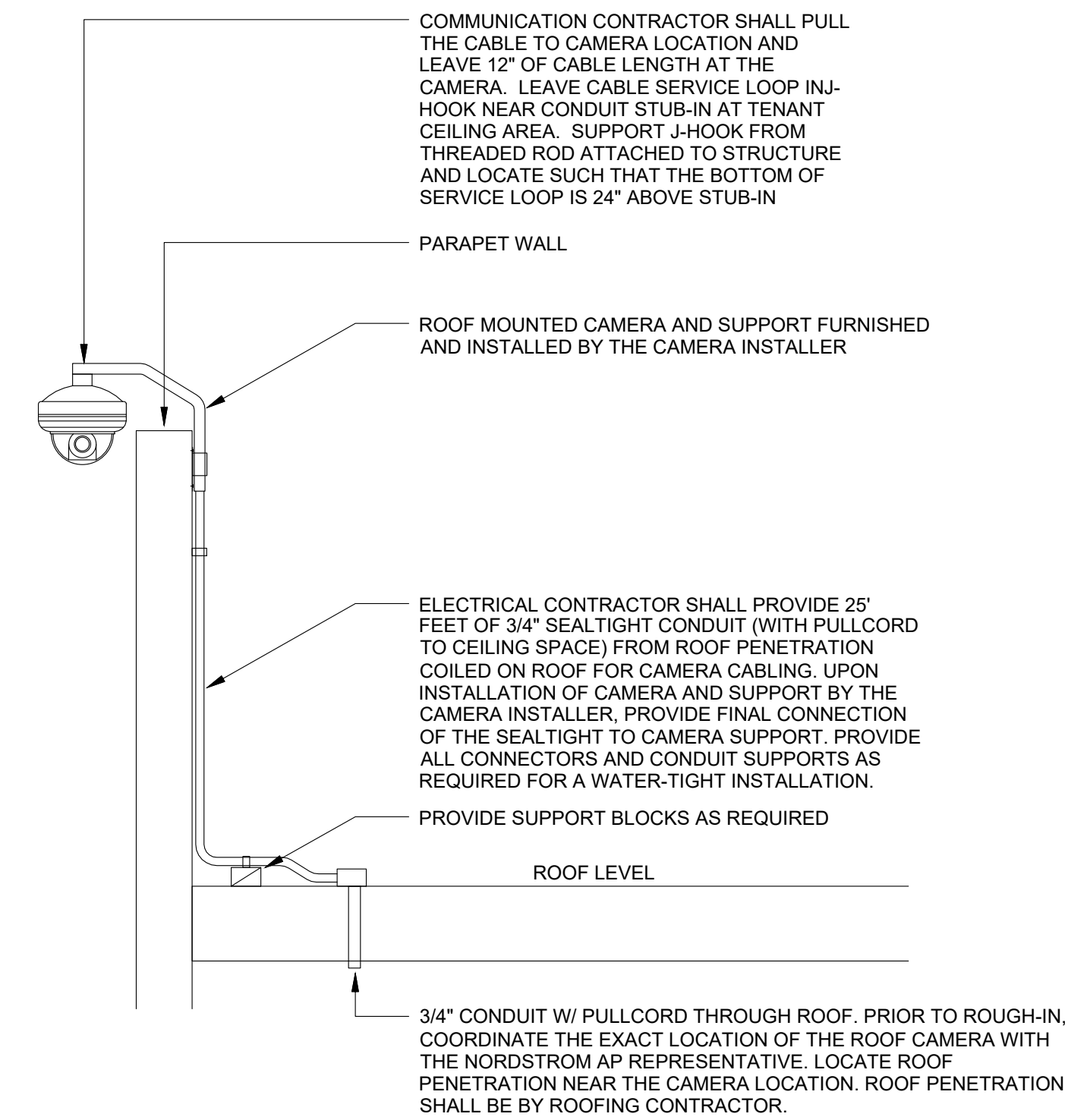
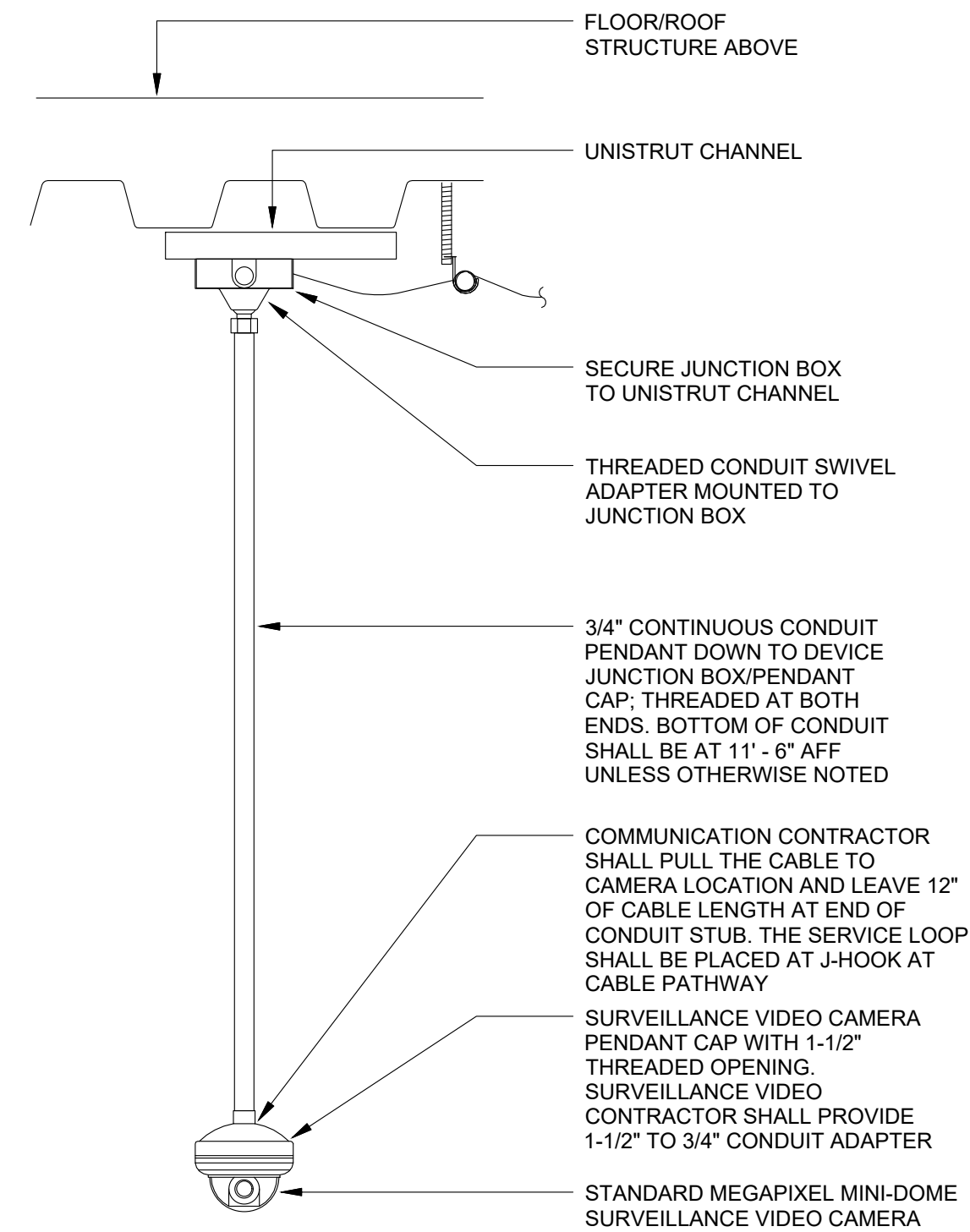
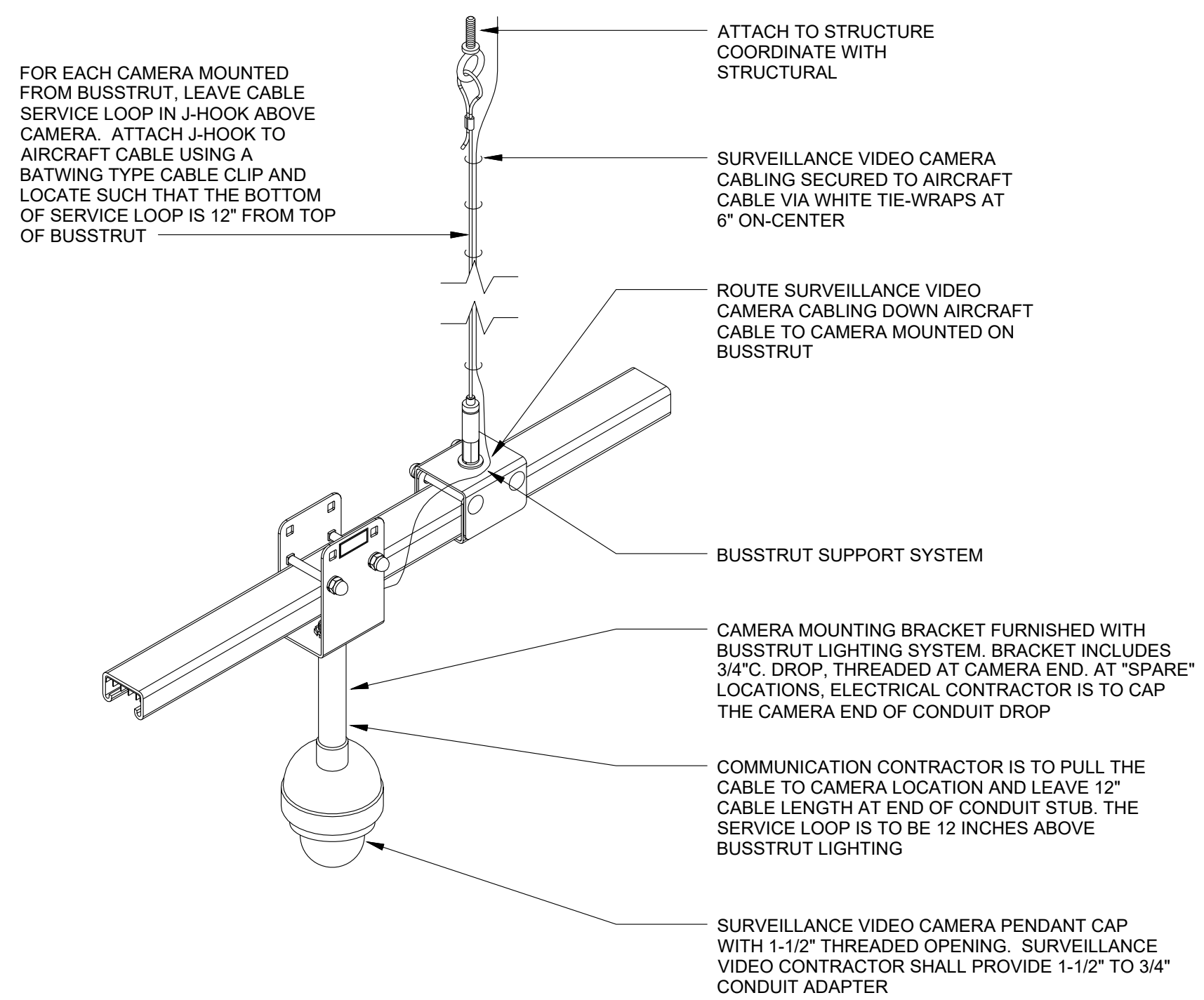
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CLOSED CIRCUIT TELEVISION
RISER DIAGRAM

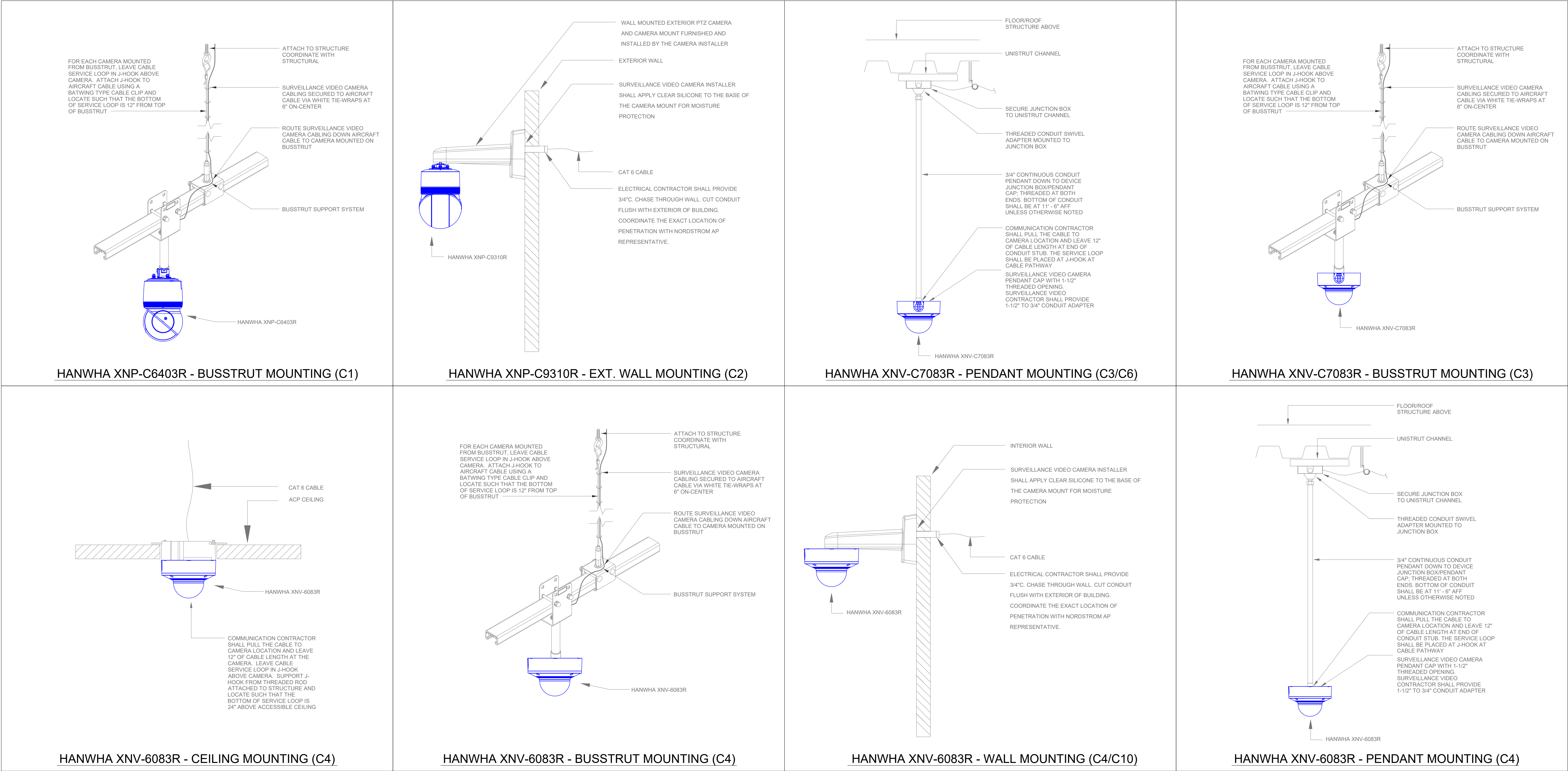
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CLOSED CIRCUIT TELEVISION
CCTV SYSTEM DETAILS



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#	REVISION	DESCRIPTION	DATE:

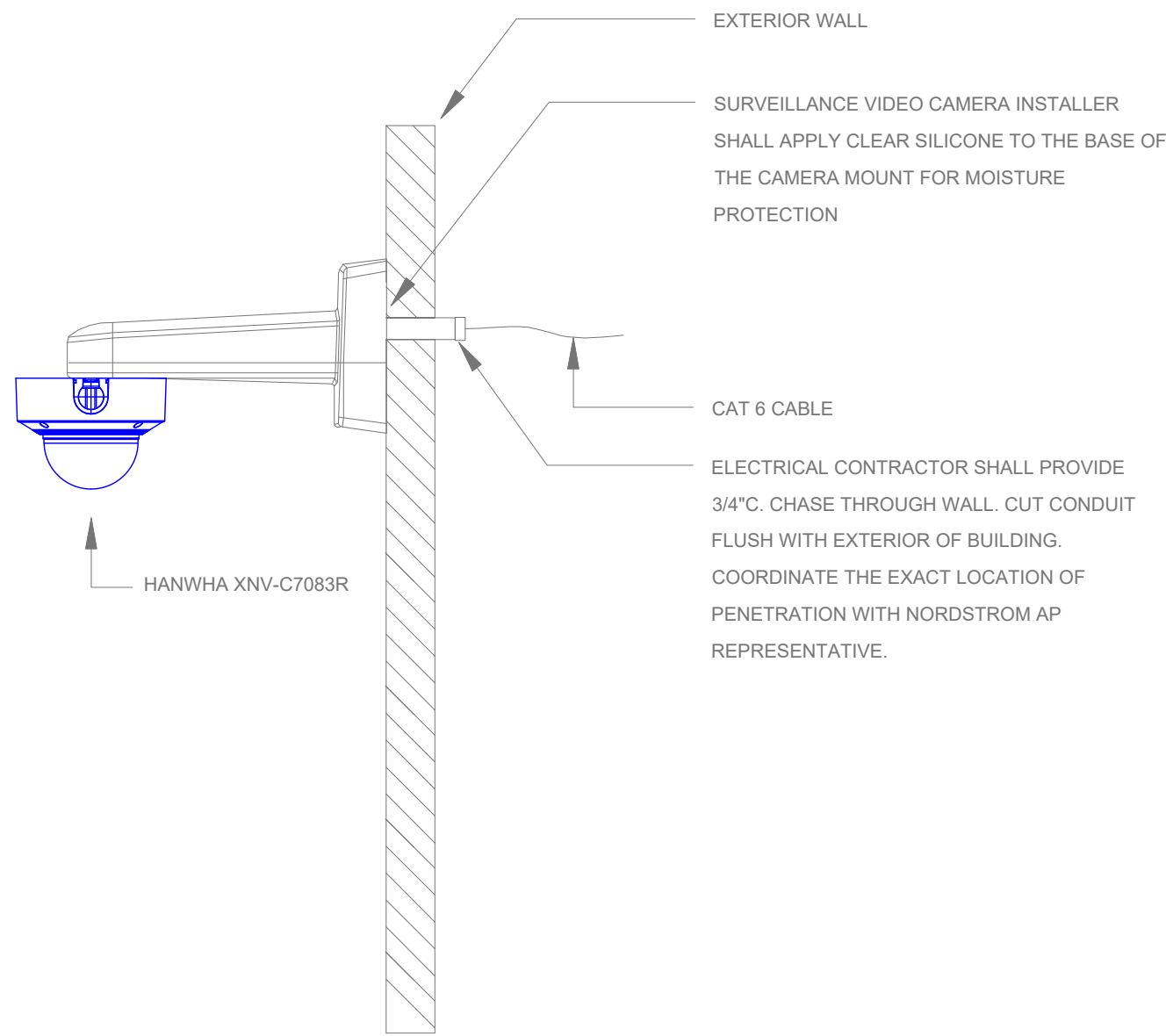
Date:	AP	Scale:	AS NOTED	Project:
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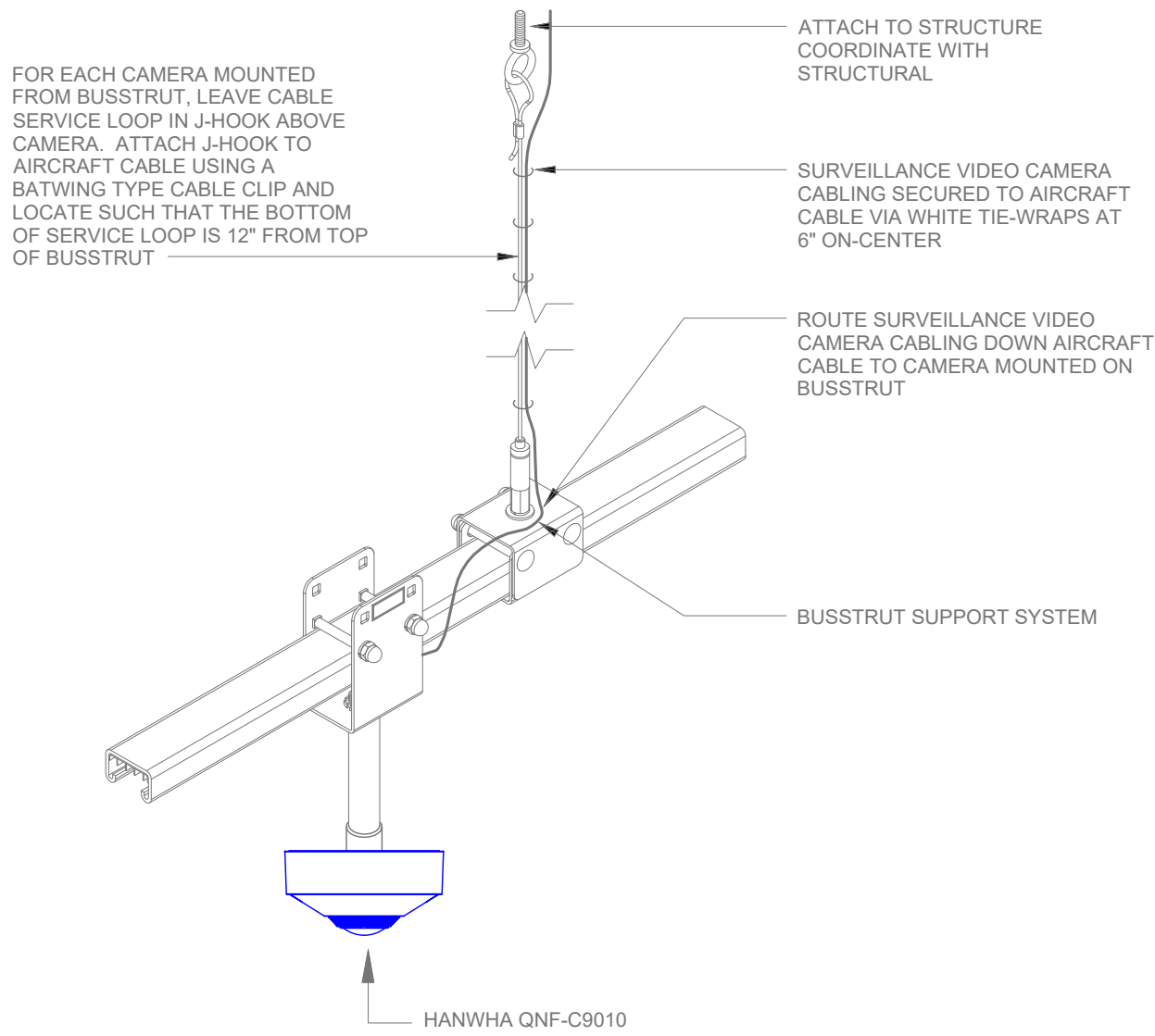


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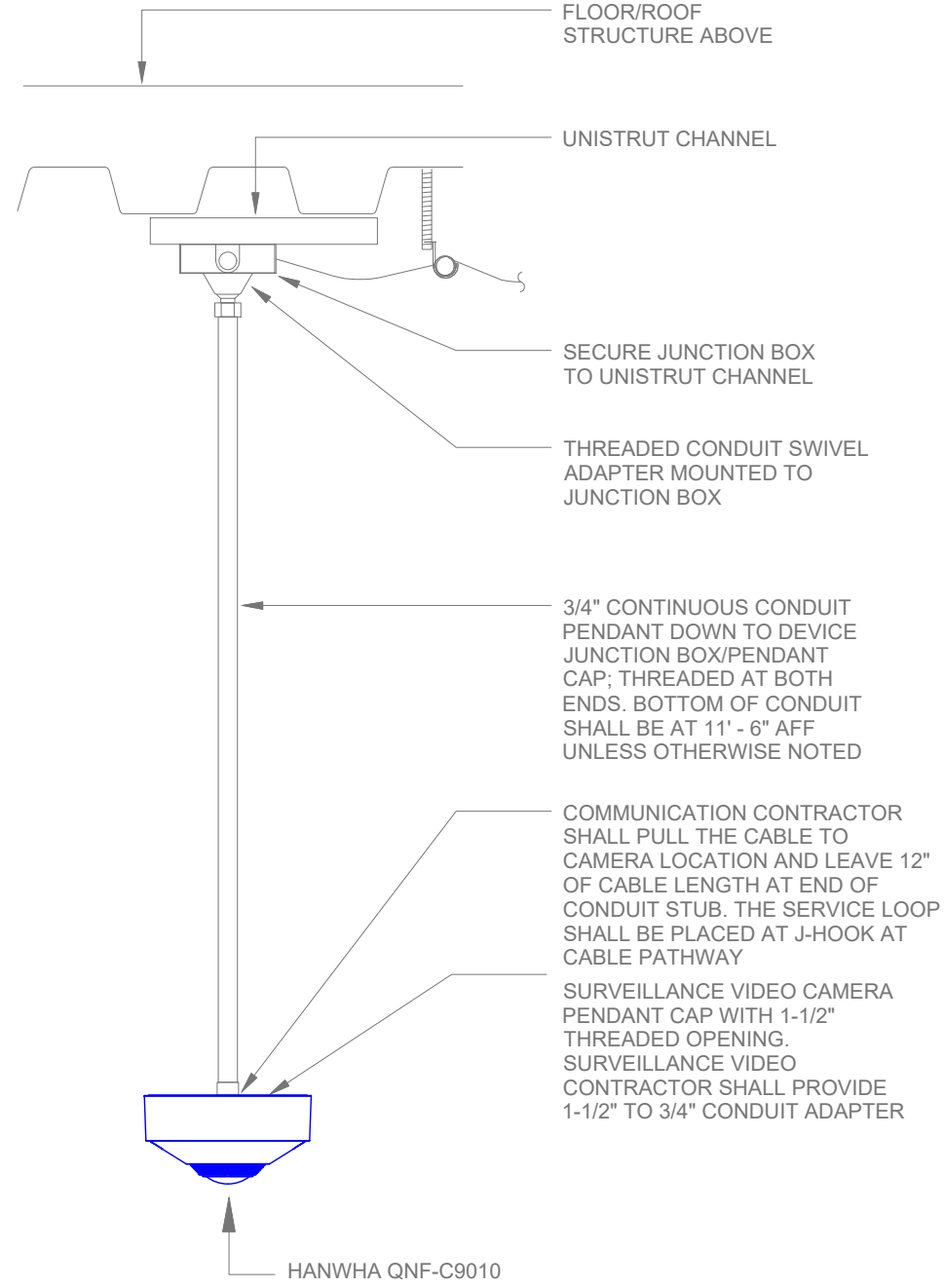
CLOSED CIRCUIT TELEVISION
CCTV SYSTEM DETAILS



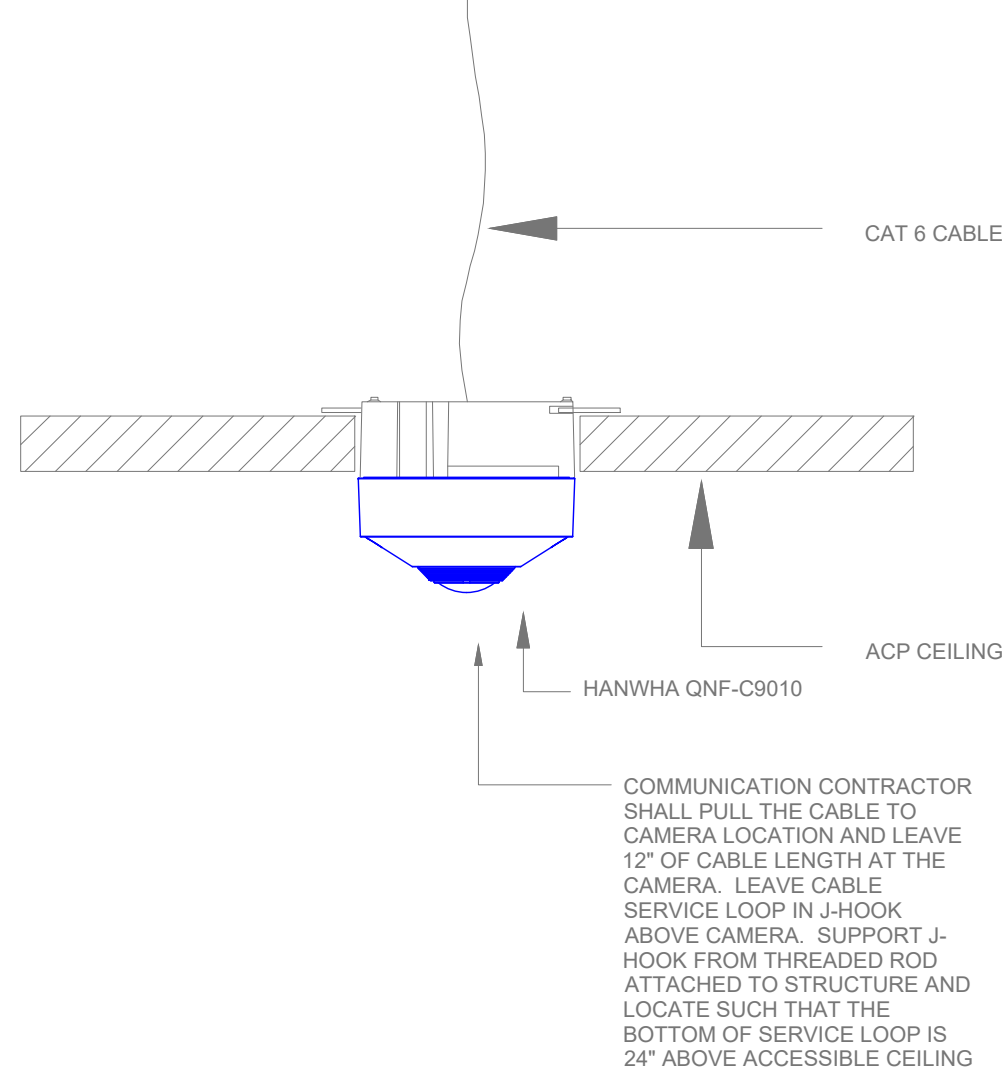
HANWHA XNV-C7083R - EXT. WALL MOUNTING (C6)



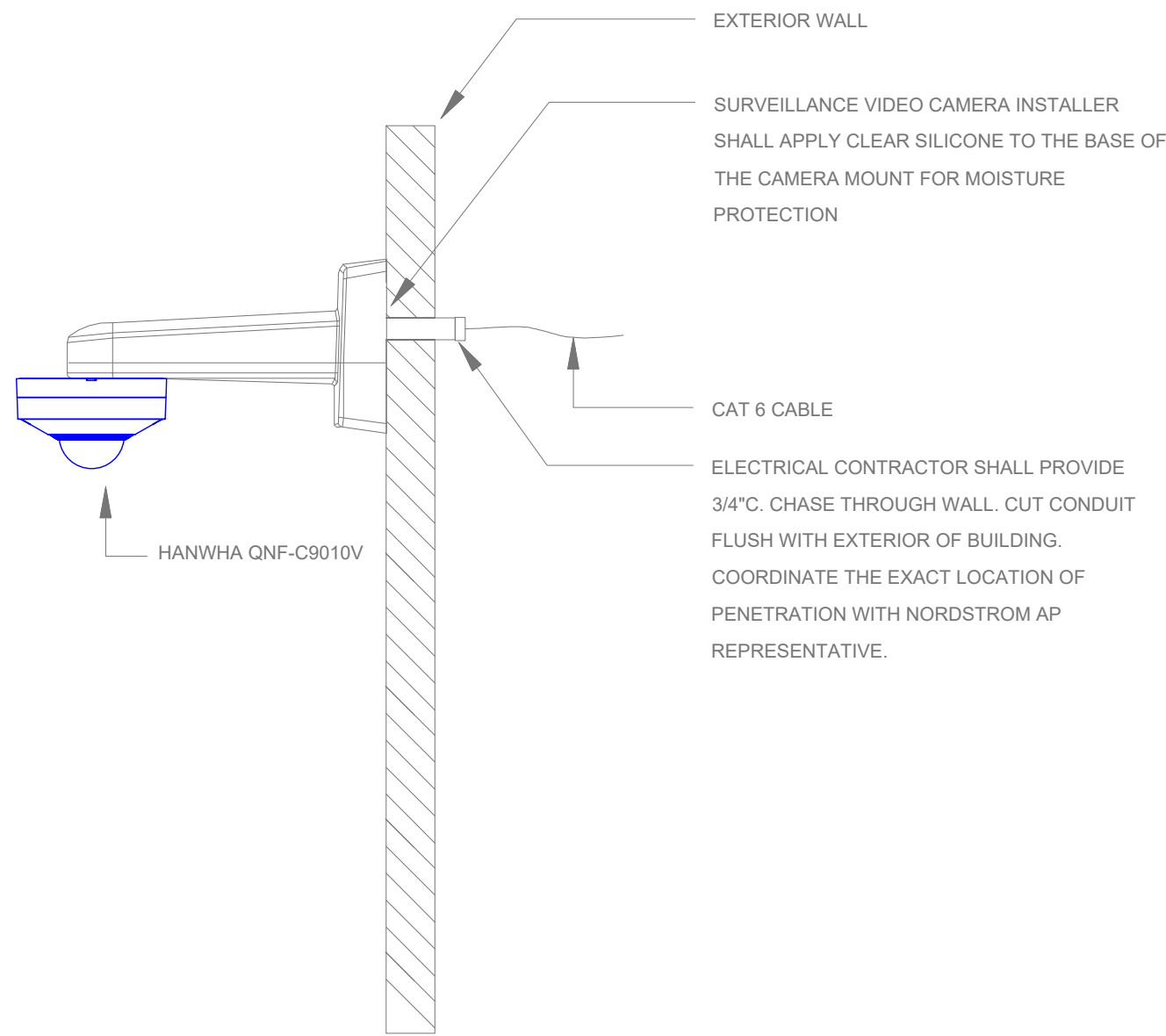
HANWHA QNF-C9010 - BUSSTRUT MOUNTING (C11)



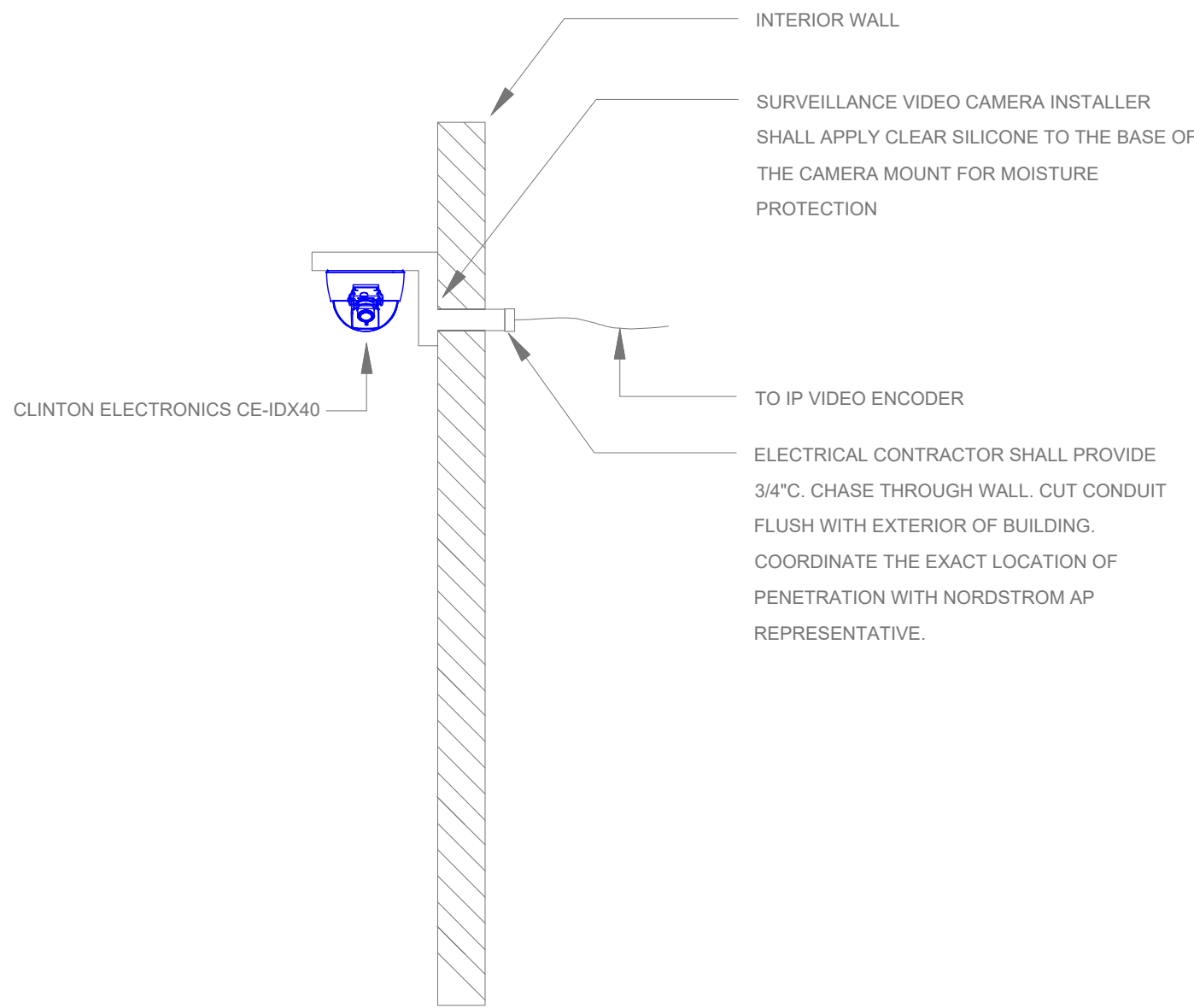
HANWHA QNF-C9010 - PENDANT MOUNTING (C11)



HANWHA QNF-C9010 - CEILING MOUNTING (C11)



HANWHA QNF-C9010V - EXT. WALL MOUNTING (C13)



CLINTON ELECTRONICS CE-IDX40 - WALL MOUNTING (C4/C10)

DATE:	

REVISION		DATE:
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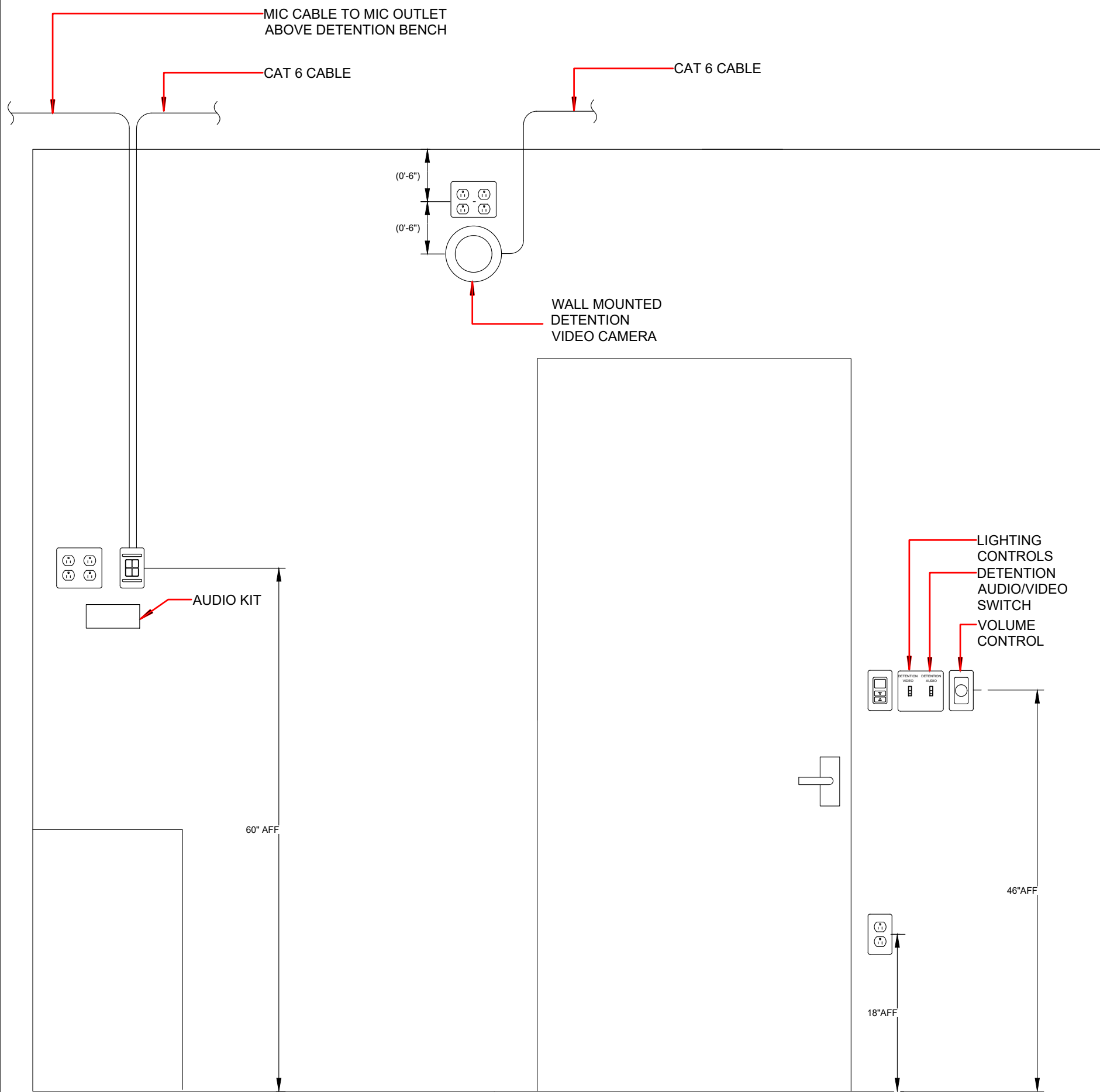
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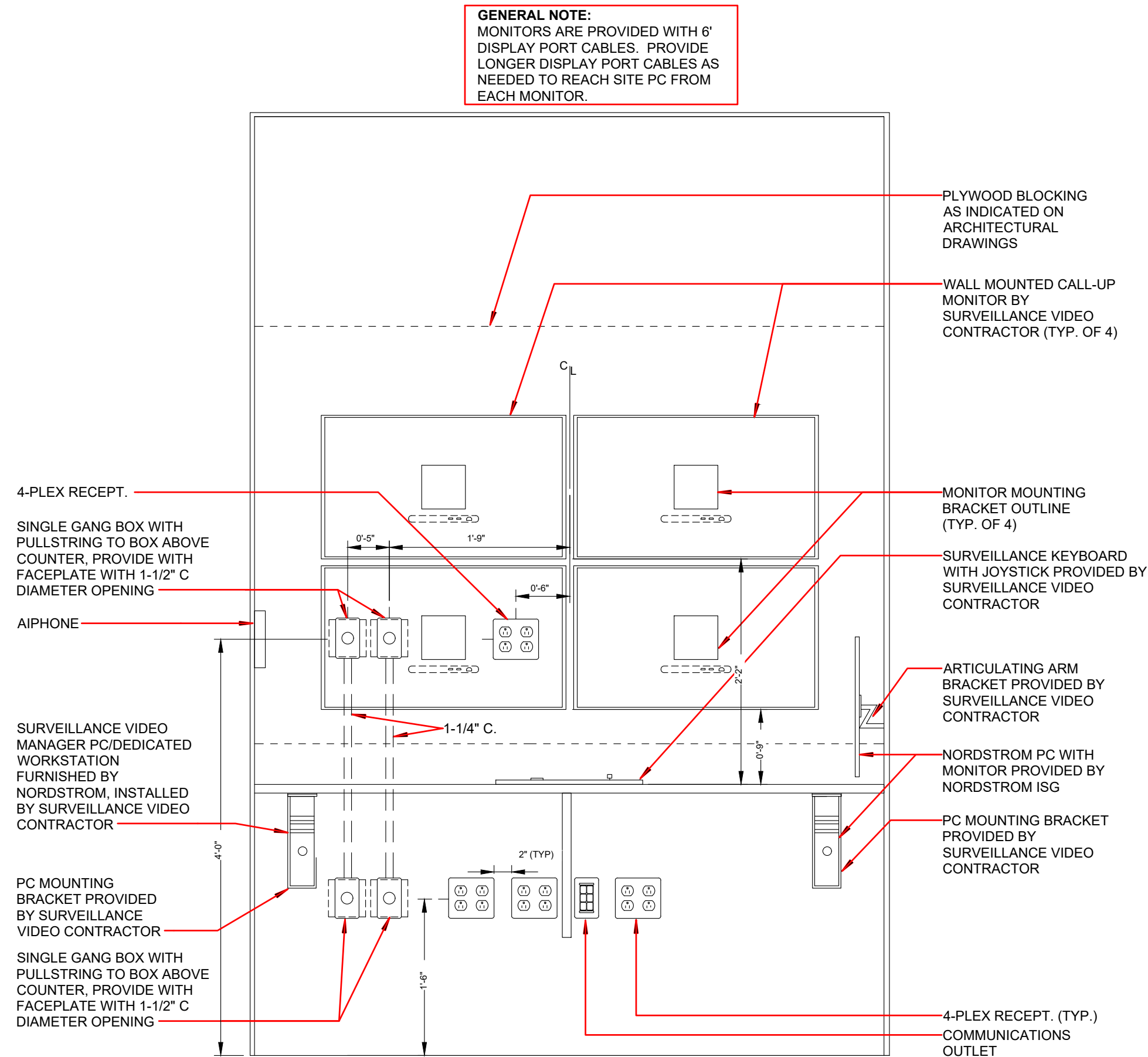


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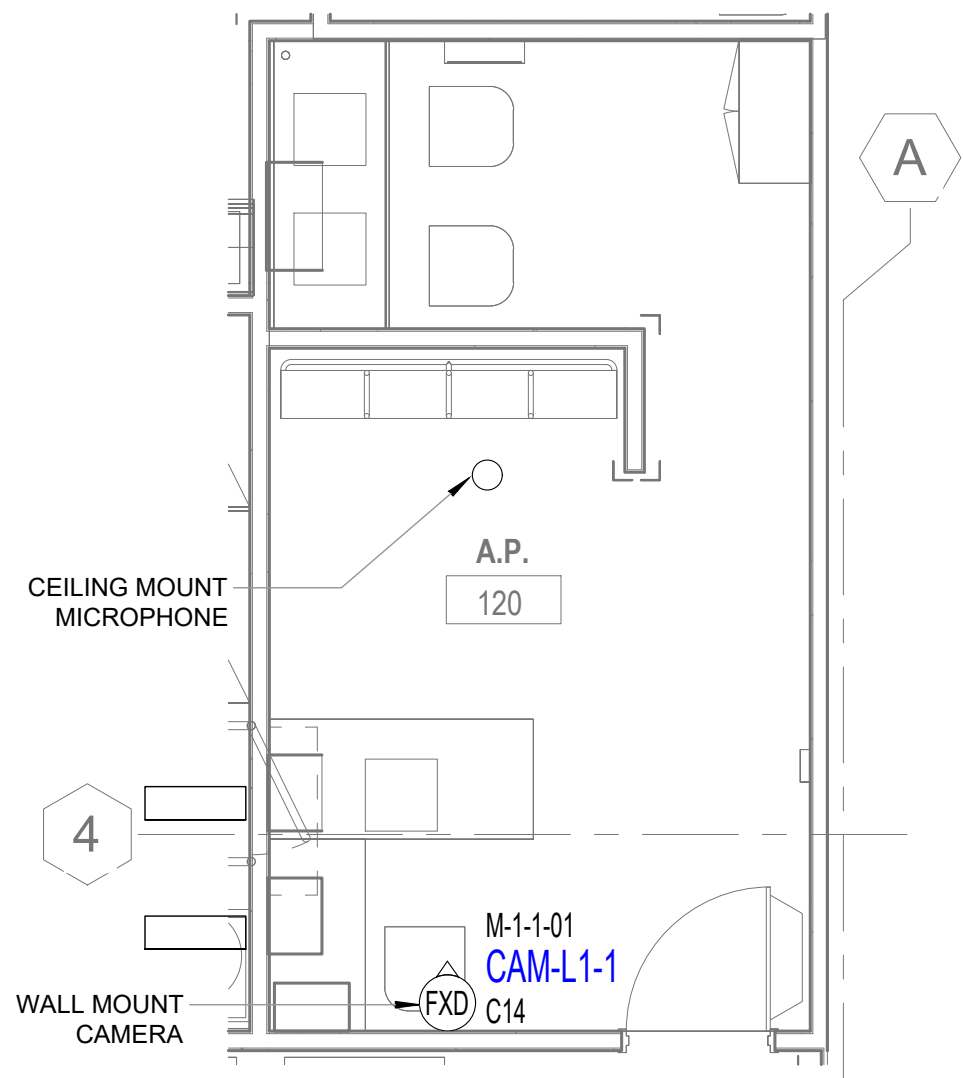
CLOSED CIRCUIT TELEVISION
CCTV SYSTEM DETAILS



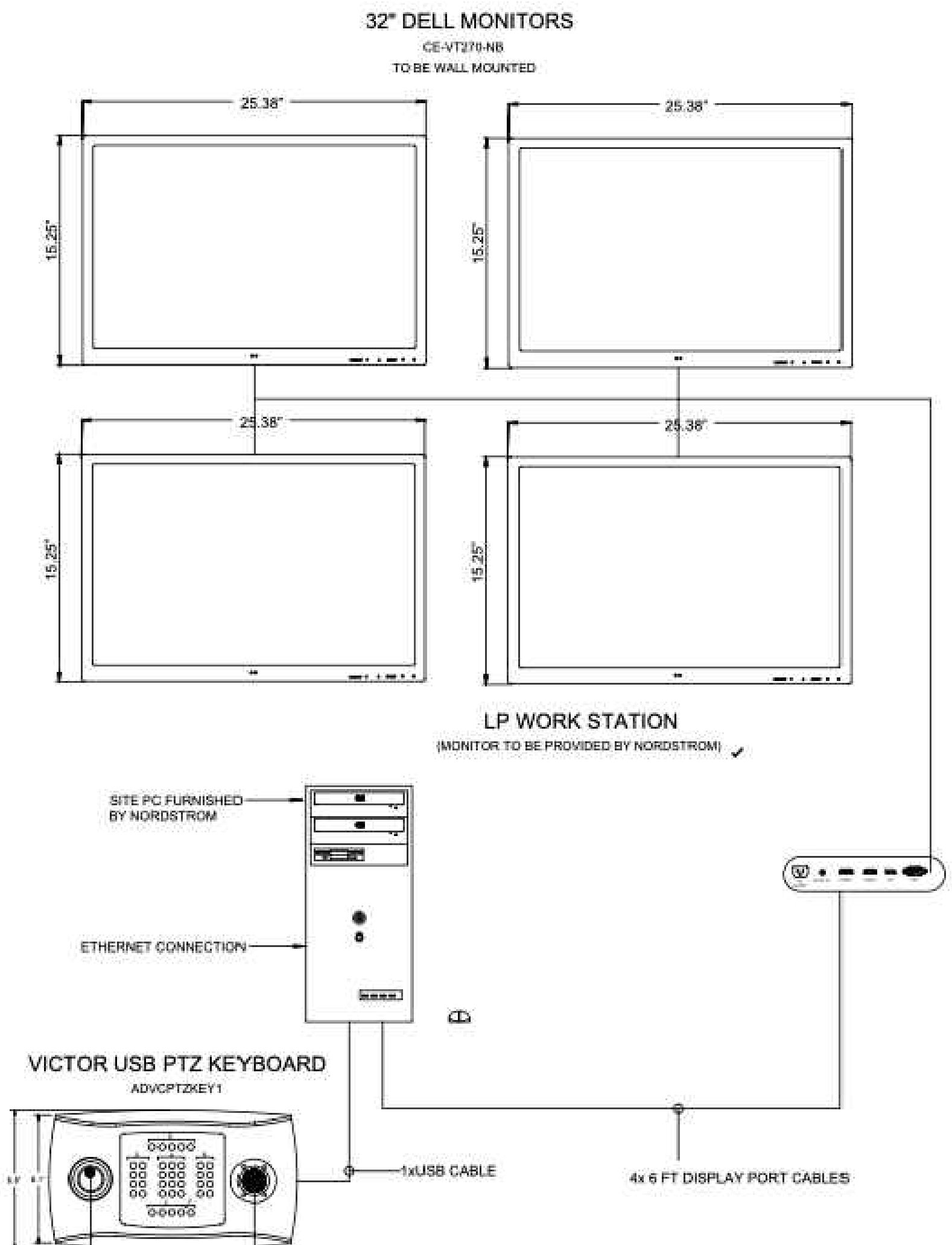
AP DETENTION CAMERA & DOOR ELEVATION



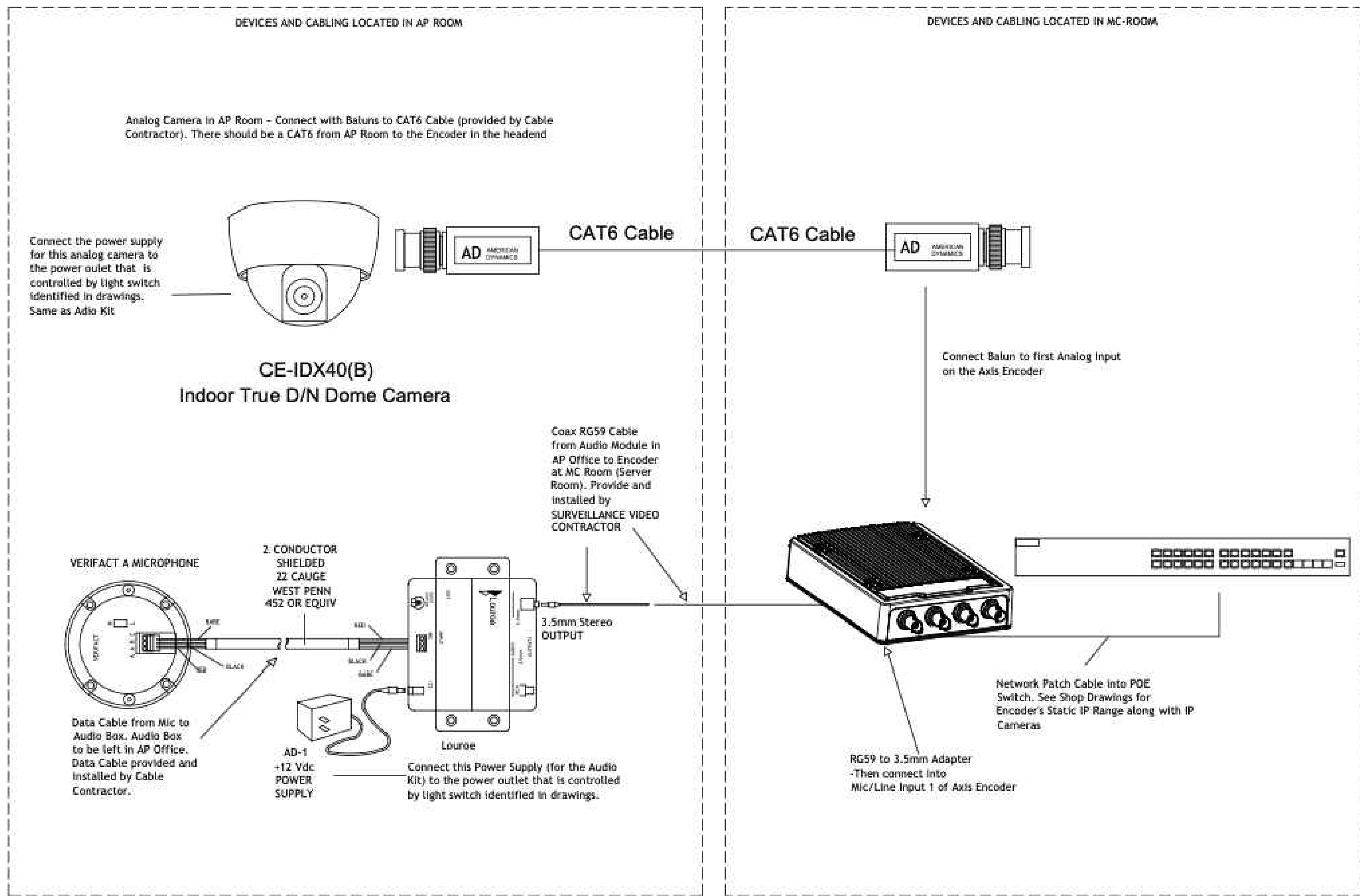
AP ROOM - WORK STATION LAYOUT



AP ROOM - CAMERA & MICROPHONE



AP ROOM - WORK STATION LAYOUT



ENCODER - AUDIO KIT DETAIL

REVISION		DATE:
#	DESCRIPTION	

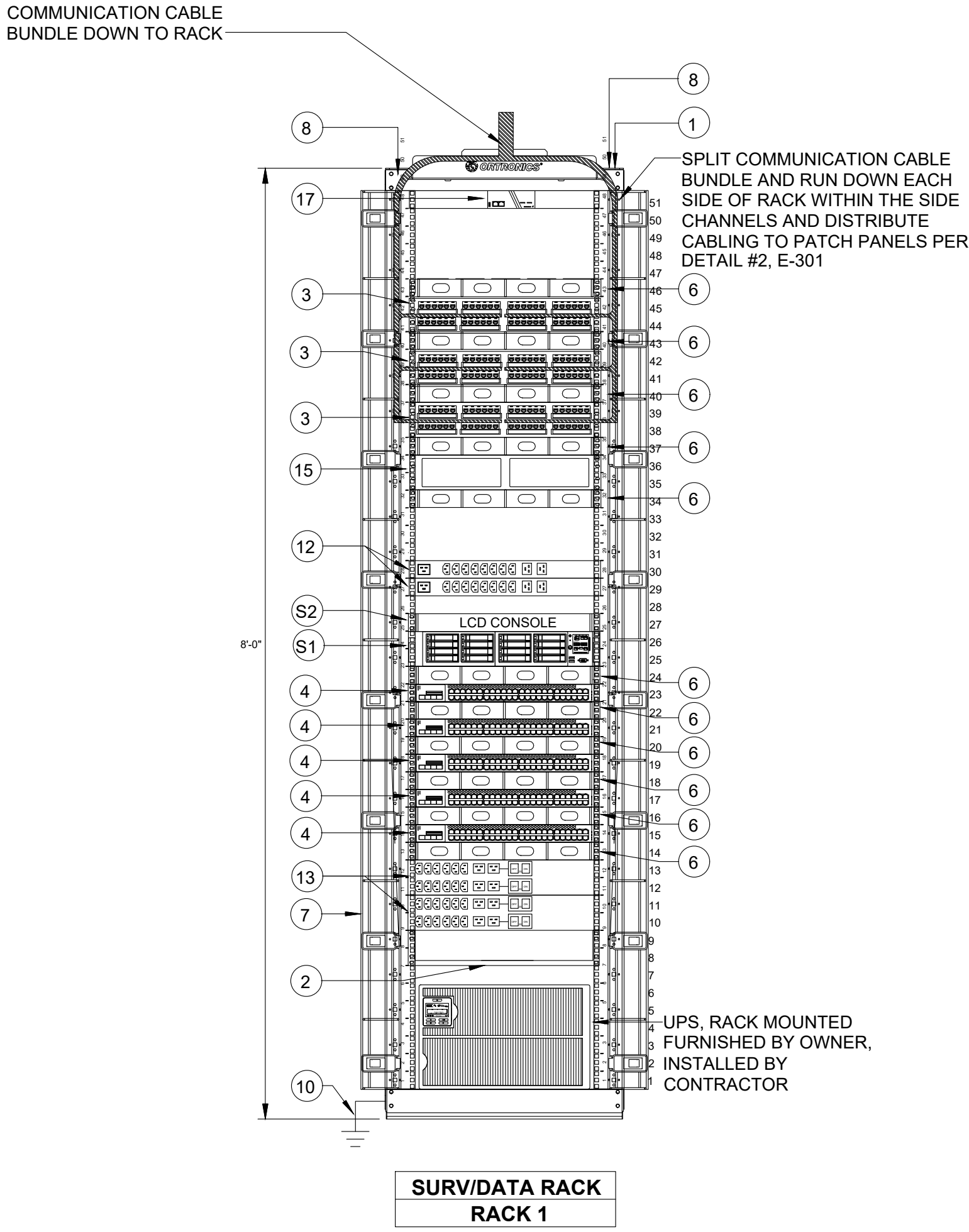
REVISION		DATE:
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Designed by:	AP	Drawn by:	AP	Approved By:

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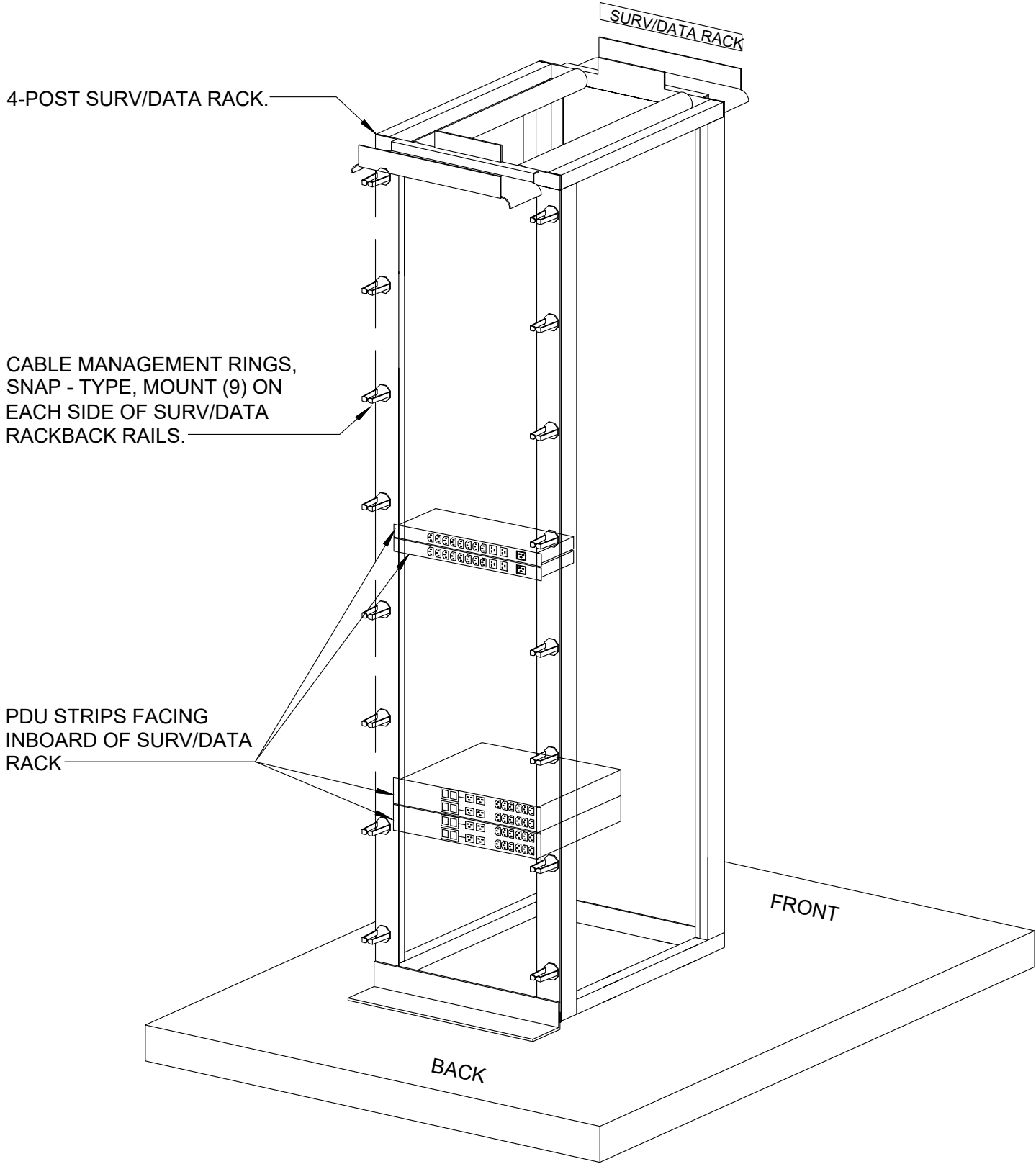
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CLOSED CIRCUIT TELEVISION
CCTV SYSTEM DETAILS



NOTE: OPERATIONAL WEIGHT OF RACKS NOT TO EXCEED 400 POUNDS

MC RACKS - ELEVATIONS



MC RACKS - REAR ISOMETRIC VIEW

RACK COMPONENT NOTES:

- 1 MIGHTY MO 20 19"W x 8"H 4-POST RACK
- 2 EQUIPMENT SHELF.
- 3 CATEGORY 6 48-PORT DATA PATCH PANEL (TYP). PROVIDE QUANTITY OF PANELS AS SHOWN ON E-115 WITH 20% SPARE CAPACITY ACCOUNTED FOR. SEE DETAIL #2, SHEET E-301 FOR ADDITIONAL INFORMATION.
- 4 DATA ETHERNET SWITCH (BY NORDSTROM).
- 5 NOT USED
- 6 1RU HORIZONTAL CABLE MANAGEMENT PANEL (TYP).
- 7 4"W x 8'-0"H VERTICAL CABLE MANAGEMENT MOUNTED ON FRONT OF RACK FRAME.
- 8 CABLE MANAGEMENT RINGS, MOUNT (8) ON EACH SIDE OF 4-POST RACK ON BACK RAILS.
- 9 NOT USED.
- 10 EQUIPMENT GROUND PER NEC, EIA/TIA STANDARDS (TYP.)
- 11 NOT USED.
- 12 HORIZONTAL 20A PDUs (FACING BACKBOARD) FURNISHED BY NORDSTROM FOR INSTALLATION BY CONTRACTOR. PLUG PDU CORDS INTO UPS.
- 13 HORIZONTAL 30A PDUs (FACING BACKBOARD) FURNISHED BY NORDSTROM FOR INSTALLATION BY CONTRACTOR. PLUG PDU CORDS INTO UPS.
- 14 NOT USED
- 15 SDWAN ROUTER (BY OWNER)
- 16 NOT USED
- 17 "OUT-OF-BAND" RACK MOUNT DEVICE (FURNISHED AND INSTALLED BY NORDSTROM).
- S1 AMERICAN DYNAMICS R750 VIDEO EDGE SERVER.
- S2 LCD CONSOLE BY SURVEILLANCE VIDEO CONTRACTOR. REFER TO SPECIFICATIONS FOR MORE INFORMATION.

PATCH CABLE NOTES:

- PATCH CABLES BETWEEN PATCH PANELS AND SWITCHES ARE TO BE ONE-TO-ONE:
- PATCH PANEL PORT #1 TO SWITCH PORT #1
 - PROVIDE PATCH CABLES BETWEEN ALL PATCH PANEL PORTS AND SWITCH PORTS REGARDLESS OF CAMERA QUANTITIES

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REVISION		DATE:
DESCRIPTION		
#		

Date:	AP	AS NOTED
Scale:	AP	AS NOTED
Project:	SP	AS NOTED
Designed by:	AP	AS NOTED
Drawn by:	AP	AS NOTED
Approved By:	SP	AS NOTED

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CLOSED CIRCUIT TELEVISION
CCTV SYSTEM DETAILS

CCTV-09