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SACRAMENTO CITY UNIFIED SCHOOL DISTRICT

C.K. MCCLATCHY HIGH SCHOOL

3066 FREEPORT BLVD.
SACRAMENTO, CA 95818

CCTV UPGRADE

C.K. MCCLATCHY HIGH SCHOOL CCTV UPGRADE

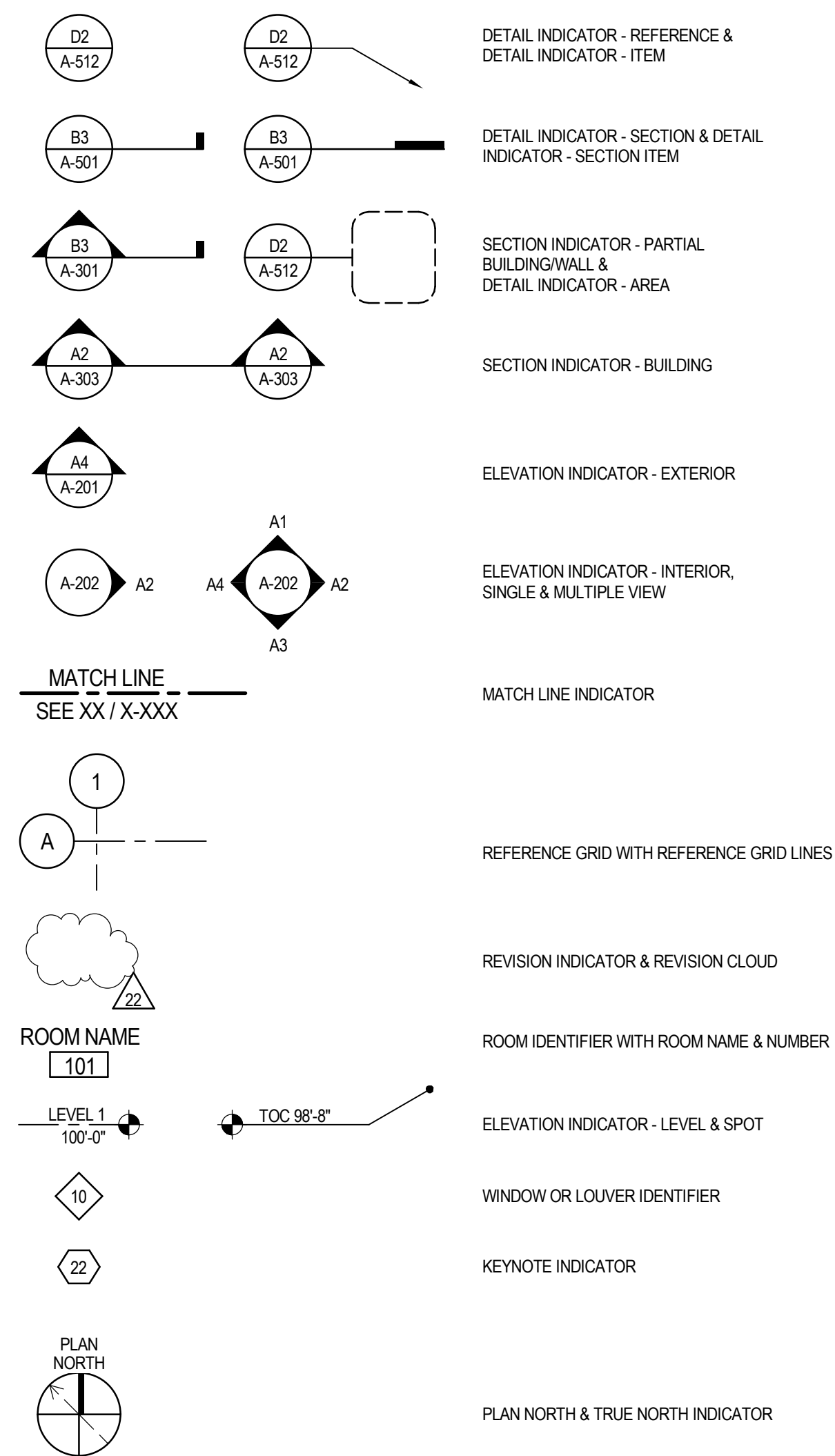
BID SET JUNE 24, 2023

LIONAKIS

2025 Nineteenth Street
Sacramento, CA 95818
P. 916.558.1900
www.lionakis.com

CONSULTANT

ARCHITECTURAL SYMBOLS LEGEND



LIST OF ARCHITECTURAL ABBREVIATIONS

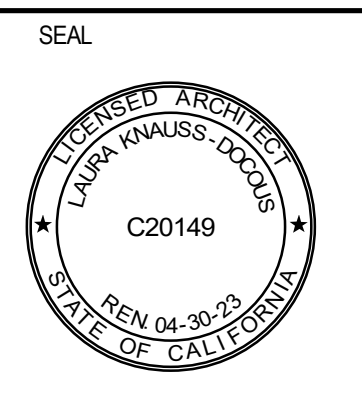
SEE UNITED STATES NATIONAL CAD STANDARD FOR ANY ABBREVIATIONS NOT LISTED BELOW.	DHM DETENTION HOLLOW METAL	MATL MATERIAL	STD STANDARD
& AT EXISTING	DIA DIAMETER	MAX MAXIMUM	STL STEEL
(E) EXISTING	DIM DIMENSION	MECH MECHANICAL	STOR STORAGE
# NUMBER	DS DOWNSPOUT	MEMB MEMBRANE	STRUCT STRUCTURAL
ALUM ALUMINUM	DSP DRY STANDPIPE	MFR MANUFACTURER	SUSP CLG SUSPENDED CEILING
ARCH ARCHITECTURAL	DWG DRAWING	MH MANHOLE	SV SHEET VINYL
A/C UNIT AIR CONDITIONING UNIT	EA EACH	MIN MINIMUM	SYMM SYMMETRICAL
ARC ARCHITECT / ENGINEER	EGSB EXTERIOR GYPSUM SHEATHING BOARD	MISC MISCELLANEOUS	SYS SYSTEM
AB ANCHOR BOLT	EIFS EXTERIOR INSULATION AND FINISH SYSTEM	MO MASONRY OPENING	T TREAD
AC ASPHALTIC CONCRETE	EJ EXPANSION JOINT	MR MOISTURE RESISTANT	T&G TONGUE & GROOVE
ACC ACCESSIBLE	EL ELEVATION	MTD MOUNTED	TEL TELEPHONE
ACS DR ACCESS DOOR	ELEC ELECTRIC / ELECTRICAL	MTL METAL	THK THICKNESS
ACS PNL ACCESS PANEL	ELEV ELEVATOR	MULL MULLION	TMH TOP OF MANHOLE
ACST ACOUSTIC	EMER EMERGENCY	NIC NOT IN CONTRACT	TMPE TEMPERED
AD AREA DRAIN	ENCL ENCLOSURE	NO NUMBER	TO TOP OF
ADC AUTOMATIC DOOR CLOSER	EPB ELECTRICAL PANEL BOARD	NOM NOMINAL	TOF TOP OF CURB
ADO AUTOMATIC DOOR OPERATOR	EQ EQUAL	NTS NOT TO SCALE	TOF TOP OF FRAME
ADDL ADDITIONAL	EQUIP EQUIPMENT	O/ OVER	TOJ TOP OF JOIST
ADJ SHV ADJUSTABLE SHELVING	EW EACH WAY	OC ON CENTER	TOM TOP OF MASONRY
AFF ABOVE FINISHED FLOOR	EWG ELECTRIC WATER COOLER	OD OUTSIDE DIAMETER	TOP TOP OF PARAPET
AFG ABOVE FINISHED GRADE	EXH EXHAUST	OFICI CONTRACTOR INSTALLED	TOPO TOPOGRAPHY
AGGR AGGREGATE	EXST EXISTING	OFF OFFICE	TOS TOP OF STEEL
AHU AIR HANDLING UNIT	EXP EXPANSION	OGL OBLIQUE GLASS	TOW TOP OF WALL
ASSY ASSEMBLY	EXT EXTERIOR	OPH OPPOSITE HAND	TV TELEVISION
BD BOARD	FA FIRE ALARM	OPNG OPENING	UC UNDER COUNTER/CABINET
BKG BACKING	FB FLAT BAR	OPP OPPOSITE	UNO UNLESS NOTED OTHERWISE
BLDG BUILDING	FD FLOOR DRAIN	PAF POWER ACTUATED FASTENER	UNON UNLESS OTHERWISE NOTED
BM BEAM	FDTN FOUNDATION	PL PROPERTY LINE, PLATE	URNAL URINAL
BM BENCHMARK	FE FIRE EXTINGUISHER	PLAM PLASTIC LAMINATE	VCT VINYL COMPOSITION TILE
BTM BOTTOM	FEC FIRE EXTINGUISHER CABINET	PLB PLUMB	VERT VERTICAL
BTWN BETWEEN	FIN FINISH	PLBG PLUMBING	VEST VESTIBULE
BUR BUILT-UP ROOFING	FLG FLOORING	PLYWD PLYWOOD	VIF VERIFY IN FIELD
BW BOTH WAYS	FLL FLOW LINE	PNL PANEL	VWC VINYL WALL COVERING
C CHANNEL	FLR FLOOR	PROP PROPERTY	VWF VINYL WALL FABRIC
CAB CABINET	FOC FACE OF CONCRETE/CURB	PSF POUNDS PER SQUARE FOOT	W/ WITH
CB CATCH BASIN	FOF FACE OF FINISH	PSI POUNDS PER SQUARE INCH	W/O WITHOUT
CBC CALIFORNIA BUILDING CODE	FOM FACE OF MASONRY	PT PAINT, PAINT	WC WATER CLOSET
CEM CEMENT	FOS FACE OF STUD	PTN PARTITION	WD WOOD
CEM PLAS CEM PLASTER	FOW FACE OF WALL	PV PHOTOVOLTAIC	WH WATER HEATER
CFLG COUNTERTOP FLASHING	FRP FIREPROOF FIBERGLASS REINFORCED PLASTIC	QT QUARRY TILE	WO WHERE OCCURS
CFMF COLD-FORMED METAL FRAMING	FT FEET / FOOT	R RADIUS, RISER	WP WORKING POINT
CG CORNER GUARD	FTG FURRING	RD ROOF DRAIN	WPM WATERPROOF MEMBRANE
CI CAST IRON	FURG FURRING	REBAR REINFORCING STEEL BAR	WSCOT WAINSCOT
CJ CONSTRUCTION JOINT / CONTROL JOINT	FUT FUTURE	REF REFERENCE	WT WEIGHT
CL CENTER LINE	GA GAGE	REF REFRIGERATOR	WTR WATER
CLG CEILING	GALV GALVANIZED	REINF REINFORCE / REINFORCING	WWR WELDED WIRE REINFORCEMENT
CLR CLEAR	GB GRAB BAR	REQD REQUIRED	
CMU CONCRETE MASONRY UNIT	GI GALVANIZED IRON	RESIL RESILIENT	
CNTR COUNTER	GLU LAM GLUED LAMINATED WOOD	RM ROOM	
COL COLUMN	GYP GYPSUM	RO ROUGH OPENING	
CONC CONCRETE	HC HOSE BIB	RWD REDWOOD	
CONSTR CONSTRUCTION	HB HOLLOW CORE	RWL RAIN WATER LEADER	
CONT CONTINUE / CONTINUOUS	HBD HARDBOARD	SAD SEE ARCHITECTURAL DRAWINGS	
COTG CLEANOUT TO GRADE	HDW HARDWARE	SATC SUSPENDED ACOUSTICAL TILE CEILING	
CP CONTROL PANEL	HDWD HARDWOOD	SC SPLASH BLOCK	
CPT CARPET	HM HOLLOW METAL	SC SOLID CORE	
CRS COLD ROLLED STEEL	HORIZ HORIZONTAL	SCHED SCHEDULE	
CSK COUNTER SUNK CASEWORK	HR HOUR	SD STORM DRAIN	
CSWK CERAMIC TILE	HT HEIGHT	SELF DRIVING, SELF TAPPING	
CTR CENTER	ID INSIDE DIAMETER	SHT SHEET	
DBL DOUBLE	INSUL INSULATION	SHTG SHEATHING	
DEPT DEPARTMENT	INT INTERIOR	SHV SHELVING	
DET DETAIL	JAN JANITOR	SIM SIMILAR	
DF DRINKING FOUNTAIN	KIT KITCHEN	SLNT SEALANT	
	LAB LABORATORY	SM SHEET METAL	
	LAV LAVATORY	SPEC SPECIFICATION	
		SQ SQUARE	
		SS SANITARY SEWER, SERVICE	
		SST SINK	
		SST STAINLESS STEEL	

GENERAL NOTES

- CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS, PROPERTY LINES ETC. PRIOR TO CONSTRUCTION
- CONTRACTOR SHALL NOTIFY ARCHITECT WHERE CONFLICT OCCURS ON ANY OF THE CONTRACT DRAWINGS OR DOCUMENTS CONTRACTOR IS NOT TO ORDER MATERIAL OR CONSTRUCT ANY PORTION OF THE BUILDING THAT IS IN CONFLICT UNTIL CONFLICT IS RESOLVED WITH THE AFFECTED PARTIES.
- CONSTRUCTION SHALL CONFORM TO ALL APPLICABLE CODES AND REGULATIONS, INCLUDING BUT NOT LIMITED TO:
 - TITLE 19 CCR, PUBLIC SAFETY, STATE FIRE MARSHALL REGULATIONS
 - TITLE 24 CCR, PART 1 - 2022 BUILDING STANDARDS ADMINISTRATIVE CODE
 - TITLE 24 CCR, PART 2 - 2022 CALIFORNIA BUILDING CODE, VOL. 1 & 2 (CBC W/ JAN & SEPT 2017 ERRATA)
 - TITLE 24 CC, PART 3 - 2022 CALIFORNIA ELECTRICAL CODE (CEC)
 - TITLE 24 CC, PART 4 - 2022 CALIFORNIA MECHANICAL CODE (CMC)
 - TITLE 24 CC, PART 5 - 2022 CALIFORNIA PLUMBING CODE (CPC)
 - TITLE 24 CC, PART 6 - 2022 CALIFORNIA ENERGY CODE
 - TITLE 24 CC, PART 9 - 2022 CALIFORNIA FIRE CODE (CFC)
 - TITLE 24 CC, PART 11 - 2022 CALIFORNIA GREEN BUILDING STANDARDS CODE
 - TITLE 24 CC, PART 12 - 2022 CALIFORNIA REFERENCED STANDARDS
 - 2016 NFPA 13, INSTALLATION OF SPRINKLER SYSTEMS (CA AMENDED)
 - 2016 NFPA 14, INSTALLATION OF STANDPIPE AND HOSE SYSTEMS
 - 2017 NFPA 17, DRY CHEMICAL EXTINGUISHING SYSTEMS
 - 2017 NFPA 17A, WET CHEMICAL EXTINGUISHING SYSTEMS
 - 2016 NFPA 25, INSTALLATION OF PRIVATE FIRE SERVICE MAINS AND THEIR APPURTENANCES
 - 2018 NFPA 22, WATER TANKS FOR PRIVATE FIRE PROTECTION
 - 2016 NFPA 24, INSTALLATION OF PRIVATE FIRE SERVICE MAINS & THEIR APPURTENANCES
 - 2013 NFPA 25, INSPECTION, TESTING, MAINTENANCE OF WATER-BASED FIRE PROTECTION SYSTEMS (CA AMENDED)
 - 2016 NFPA 72, NATIONAL FIRE ALARM CODE (CA AMENDED)

SHEET INDEX

- GENERAL
G-001 COVER SHEET
- TECHNOLOGY
T-001 CCTV SYMBOL & NOTES
T-100 CCTV SITE PLAN
T-800 CCTV ONE-LINE & DETAILS
T-801 FIRE STOP DETAILS
T-900 CCTV PICTURE DETAILS



PROJECT
**C.K. MCCLATCHY HIGH SCHOOL
CCTV UPGRADE**

3066 FREEPORT BLVD.
SACRAMENTO, CA 95818

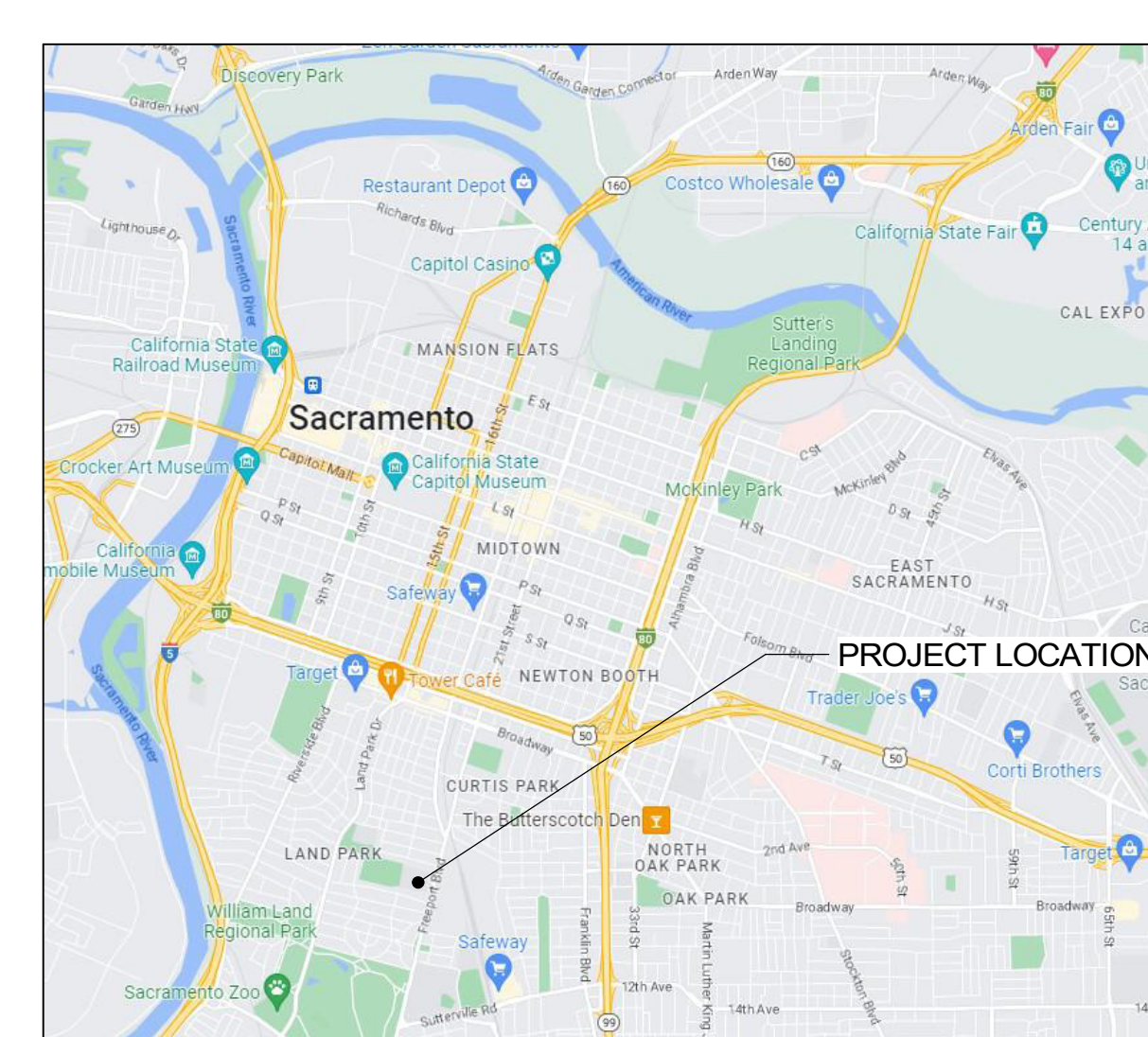
CLIENT
SACRAMENTO CITY UNIFIED SCHOOL DISTRICT
5735 47TH AVENUE, SACRAMENTO, CA

MARK	DATE	DESCRIPTION

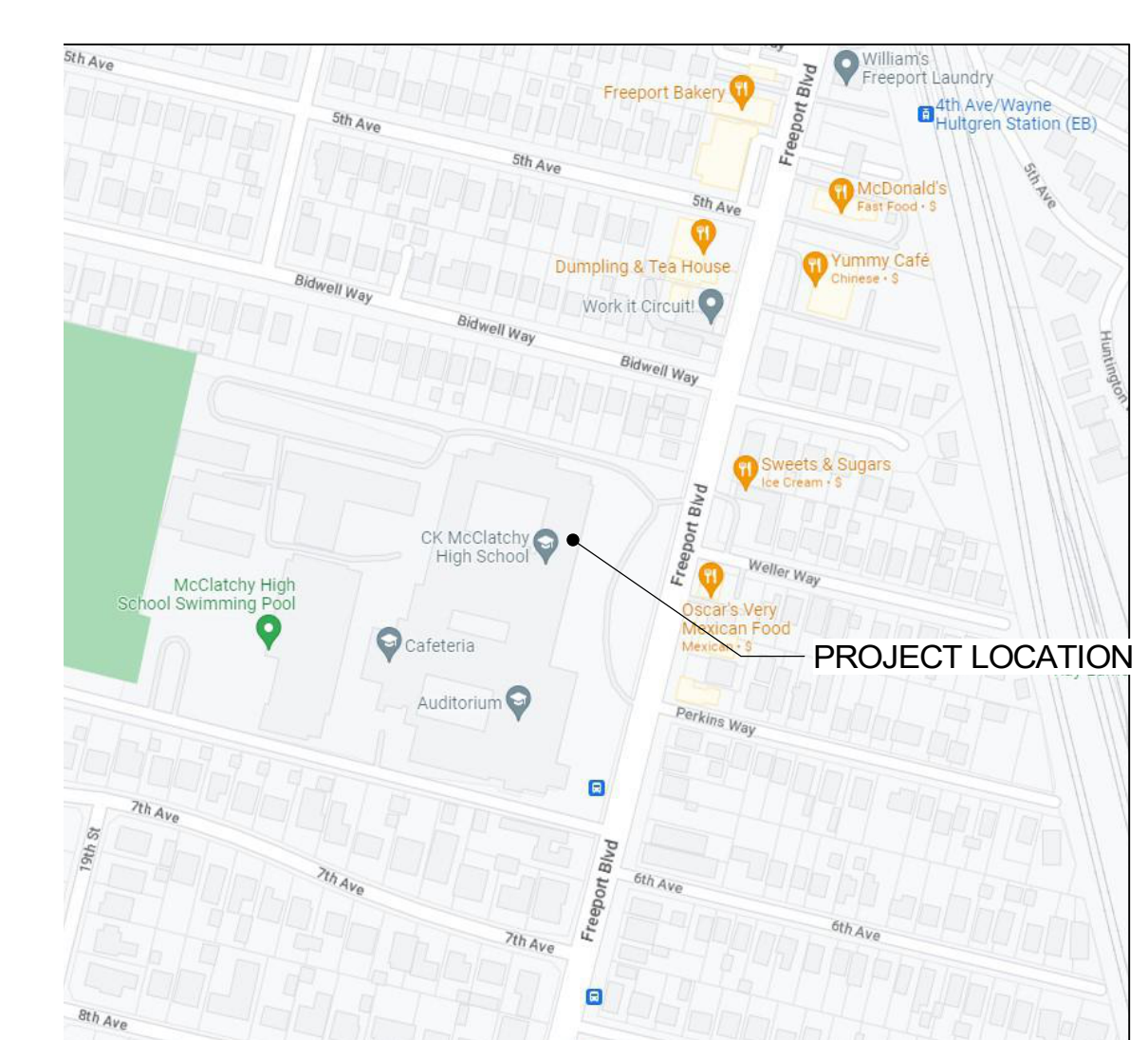
MANAGEMENT	CLIENT PROJECT NO.	022121
LIONAKIS PROJECT NO.		
CLIENT PROJECT NO.		

AGENCY

LOCATION MAP



VICINITY MAP



SCOPE OF PROJECT

- ADDITION OF CCTV SECURITY CAMERAS THROUGHOUT CAMPUS.

DEFERRED SUBMITTALS

- NONE

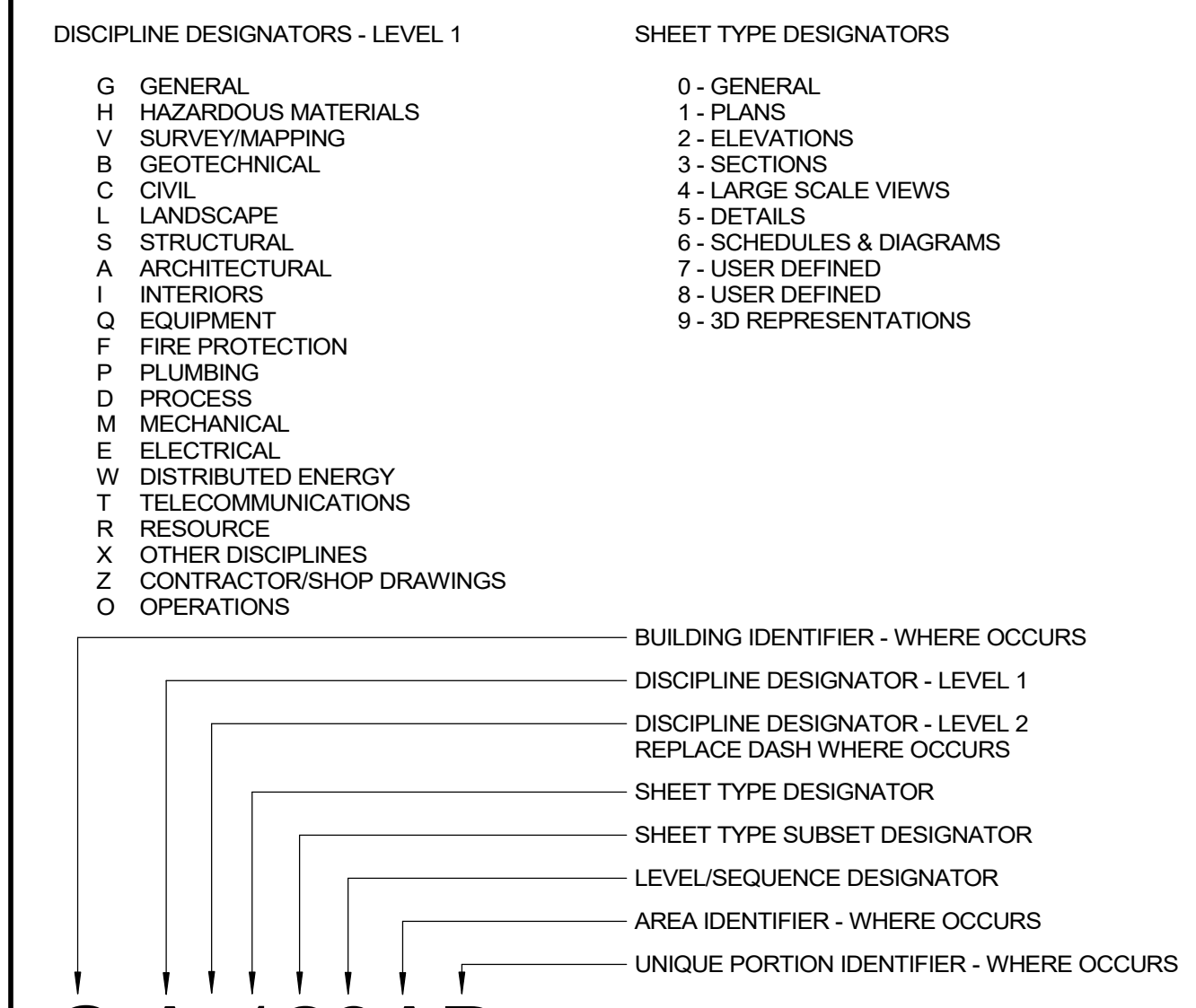
PROJECT DIRECTORY

OWNER
SACRAMENTO UNIFIED SCHOOL DISTRICT
3066 FREEPORT BLVD.
SACRAMENTO, CALIFORNIA 95818
CONTACT: BRENDIN SWANSON
PHONE: 916.643.7400
EMAIL: BRENDIN-SWANSON@SCUSD.EDU

ARCHITECT
LIONAKIS
2025 19TH STREET
SACRAMENTO, CA 95811
CONTACT: BILL WEINBERG
PHONE: 916.558.1900
EMAIL: BILLWEINBERG@LIONAKIS.COM

TECHNOLOGY
KMM SERVICES
5455 EL CAMINO AVE, STE 6
CARMICHAEL, CA 95608
CONTACT: CHRIS CLUFF
PHONE: 916.670.3946
EMAIL: CHRIS.CLUFF@KMMSERVICES.COM

SHEET IDENTIFICATION LEGEND



TITLE
COVER SHEET

SHEET
G-001

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CENTRAL

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ABBREVIATIONS:

Table of abbreviations including A (AMPERE), AFF (ABOVE FINISHED FLOOR), ANN (ANNUNCIATOR), AP (ACCESS POINT), BFF (BELOW FINISHED FLOOR), BFG (BELOW FINISHED GRADE), BICSI (BUILDING INDUSTRY CONSTRUCTION SERVICE INTERNATIONAL), BLDG (BUILDING), C (CONDUIT), CAB (CABINET), CAT (CATEGORY), CATV (CABLE TELEVISION), CD (CANDELA), CFCI (CONTRACTOR FURNISHED/CONTRACTOR INSTALLED), CL (CENTER LINE), CO (CARBON MONOXIDE), DN (DOWN), (E) (EXISTING), EMT (ELECTRICAL METALLIC TUBING), EOL (END OF LINE), FA (FIRE ALARM), FACP (FIRE ALARM CONTROL PANEL), FTC (FIRE TERMINAL CABINET), GRC (GALVANIZED RIGID CONDUIT), G OR GB (GROUND BOX), IACP (INTRUSION ALARM CONTROL PANEL), IDF (INTERMEDIATE DISTRIBUTION FRAME), IMC (INTERMEDIATE METAL CONDUIT), J OR JB (JUNCTION BOX), MEP (MECHANICAL / ELECTRICAL / PLUMBING), MDF (MAIN DISTRIBUTION FRAME), MPOE (MINIMUM POINT OF ENTRY), (N) (NEW), NFPA (NATIONAL FIRE PROTECTION ASSOCIATION), NTS (NOT TO SCALE), N/A (NOT APPLICABLE), OFE (OWNER FURNISHED EQUIPMENT), OFCI (OWNER FURNISHED/CONTRACTOR INSTALLED), OFOI (OWNER FURNISHED/OWNER INSTALLED), OSP (OUTSIDE PLANT), PVC (POLYVINYL CHLORIDE), RCDD (REGISTERED COMMUNICATION DISTRIBUTION DESIGNER), RCWW (RACEWAY), RM (ROOM), SR (SURFACE RACEWAY), TYP (TYPICAL), UG (UNDERGROUND), UL (UNDERWRITERS LABORATORIES), UNO (UNLESS NOTED OTHERWISE), V (VOLTS), W (WATT), WP (WEATHERPROOF)

ANCHORAGE AND BRACING NOTES:

APPLICABLE CODE: 2022 CBC REVISED: 05/18/2023

MEP COMPONENT ANCHORAGE NOTE:

ALL MECHANICAL, PLUMBING, AND ELECTRICAL COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE DETAILS ON THE APPROVED CONSTRUCTION DOCUMENTS. THE FOLLOWING COMPONENTS SHALL BE ANCHORED OR BRACED TO MEET THE FORCE AND DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE 2019 CBC SECTIONS 1617A.1.18 THROUGH 1617A.1.26 AND ASCE 7-16 CHAPTERS 13.26 THRU 30:

- 1. ALL PERMANENT EQUIPMENT AND COMPONENTS
2. TEMPORARY, MOVEABLE OR MOBILE EQUIPMENT THAT IS PERMANENTLY ATTACHED (E.G. HARD WIRED) TO THE BUILDING UTILITY SERVICES SUCH AS ELECTRICITY, GAS OR WATER. "PERMANENTLY ATTACHED" SHALL INCLUDE ALL ELECTRICAL CONNECTIONS EXCEPT PLUGS FOR 110/220 VOLT RECEPTACLES HAVING A FLEXIBLE CABLE.
3. TEMPORARY, MOVEABLE OR MOBILE EQUIPMENT WHICH IS HEAVIER THAN 400 POUNDS OR HAS A CENTER OF MASS LOCATED 4 FEET OR MORE ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT IS REQUIRED TO BE RESTRAINED.

THE FOLLOWING MECHANICAL AND ELECTRICAL COMPONENTS SHALL BE POSITIVELY ATTACHED TO THE STRUCTURE BUT NEED NOT DEMONSTRATE DESIGN COMPLIANCE WITH THE REFERENCES NOTED ABOVE. THESE COMPONENTS SHALL HAVE FLEXIBLE CONNECTIONS PROVIDED BETWEEN THE COMPONENT AND ASSOCIATED DUCTWORK, PIPING, AND CONDUIT. FLEXIBLE CONNECTIONS MUST ALLOW MOVEMENT IN BOTH TRANSVERSE AND LONGITUDINAL DIRECTIONS:

- A. COMPONENTS WEIGHING LESS THAN 400 POUNDS AND HAVING A CENTER OF MASS LOCATED 4 FEET OR LESS ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENTS.
B. COMPONENTS WEIGHING LESS THAN 20 POUNDS, OR IN THE CASE OF DISTRIBUTION SYSTEMS, LESS THAN 5 POUNDS PER FOOT, WHICH ARE SUSPENDED FROM A ROOF OR FLOOR OR HUNG FROM A WALL.

THE ANCHORAGE OF ALL MECHANICAL, ELECTRICAL AND PLUMBING COMPONENTS SHALL BE SUBJECT TO THE APPROVAL OF THE DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE OR STRUCTURAL ENGINEER DELEGATED RESPONSIBILITY. THE PROJECT INSPECTOR WILL VERIFY THAT ALL COMPONENTS AND EQUIPMENT HAVE BEEN ANCHORED IN ACCORDANCE WITH THE ABOVE REQUIREMENTS.

PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEM BRACING NOTE:

PIPING, DUCTWORK, AND ELECTRICAL SYSTEMS SHALL BE BRACED TO COMPLY WITH THE FORCES AND DISPLACEMENTS PRESCRIBED IN ASCE 7-16 SECTIONS 13.3 AS DEFINED IN ASCE 7-16 SECTIONS 13.6.5, 13.6.6, 13.6.7, 13.6.8 AND 2019 CBC SECTIONS 1617A.1.24, 1617A.1.25 AND 1617A.1.26

THE METHOD OF SHOWING BRACING AND ATTACHMENTS TO THE STRUCTURE FOR THE IDENTIFIED DISTRIBUTIONS SYSTEM ARE NOTED BELOW.

MECHANICAL PIPING (MP), MECHANICAL DUCTS (MD), PLUMBING PIPES (PP), ELECTRICAL DISTRIBUTION SYSTEMS (E).

- MP | MD | PP | E | X OPTION 1: DETAILED ON THE APPROVED DRAWINGS WITH PROJECT SPECIFIC NOTES AND DETAILS.
MP | MD | PP | E | O OPTION 2: SHALL COMPLY WITH THE APPLICABLE OSHPD PRE-APPROVED (OPM #)

TECHNOLOGY SYMBOL LEGEND: ALL EQUIPMENT AND MATERIALS ARE CONTRACTOR FURNISHED, INSTALLED AND CONFIGURED (UNO). Table with columns: SYMBOL, DESCRIPTION, MODEL, PART NUMBER, NOTES / DETAIL REFERENCES. Includes entries for DATA RACK/CABINET, SURFACE MOUNTED JUNCTION BOX, BACKBONE CONDUIT, NETWORK VIDEO RECORDER, EXTERIOR RATED CCTV SECURITY CAMERA, and INDUSTRIAL GIGABIT SWITCH.

PROJECT CODES AND STANDARDS

PARTIAL LIST OF APPLICABLE CODES AND STANDARDS EFFECTIVE: JANUARY 1, 2023. 2022 CALIFORNIA ADMINISTRATIVE CODE (CAC), CCR, TITLE 24, PART 1; 2022 CALIFORNIA BUILDING CODE (CBC), CCR, TITLE 24, PART 2 (2018 INTERNATIONAL BUILDING CODE WITH CALIFORNIA AMENDMENTS); 2022 CALIFORNIA ELECTRICAL CODE (CEC), CCR, TITLE 24, PART 3 (2017 NATIONAL ELECTRICAL CODE WITH CALIFORNIA AMENDMENTS); 2022 CALIFORNIA MECHANICAL CODE (CMC), CCR, TITLE 24, PART 4 (2018 UNIFORM MECHANICAL CODE WITH CALIFORNIA AMENDMENTS); 2022 CALIFORNIA ENERGY CODE, CCR, TITLE 24, PART 6; 2022 CALIFORNIA FIRE CODE (CFC), CCR, TITLE 24, PART 9 (2018 INTERNATIONAL FIRE CODE WITH CALIFORNIA AMENDMENTS); 2022 CALIFORNIA GREEN BUILDING STANDARDS CODE, CCR, TITLE 24, PART 11; 2022 CALIFORNIA REFERENCED STANDARDS CODE, CCR, TITLE 24, PART 12; 2022 NFPA 72: NATIONAL FIRE ALARM AND SIGNALING CODE, NATIONAL FIRE PROTECTION ASSOCIATION

CONTRACTOR FURNISHED DOCUMENTS:

- (SHOP DRAWINGS / PRODUCT SUBMITTALS / QUALIFICATIONS)
1. ORDERING AND INSTALLATION OF THE SYSTEMS SHALL NOT BE STARTED UNTIL THE FOLLOWING:
1.1. CONTRACTOR FURNISHED SHOP DRAWINGS ARE RECEIVED AND APPROVED BY THE DESIGNER.
1.2. PRODUCT SUBMITTAL DOCUMENTS ARE RECEIVED AND APPROVED BY THE DESIGNER.
1.3. APPLICABLE QUALIFICATION DOCUMENTATION ARE RECEIVED AND APPROVED BY THE DESIGNER.
2. ANY DESIGN AND/OR INSTALLATION DISCREPANCIES/CHANGE ORDER REQUESTS ARE TO BE ADDRESSED AT TIME OF SHOP DRAWING CREATION. CHANGE ORDERS AFTER APPROVED SHOP DRAWINGS ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
3. ALTERNATIVE PRODUCTS ARE TO SUBMITTED WITH A FORMAL SUBSTITUTION REQUEST AND THE CONTRACTOR IS RESPONSIBLE FOR DEMONSTRATING PRODUCT FULL EQUIVALENCY.
4. IT SHALL BE UNDERSTOOD THAT THE DRAWINGS, DETAILS, AND ONE-LINES PROVIDED WITH THE DESIGN PACKAGE ARE DIAGRAMMATIC. INFORMATION PRESENTED IN DESIGN DRAWINGS ARE AS ACCURATE AS POSSIBLE, BUT ACCURACY IS NOT GUARANTEED AND FIELD VERIFICATION, OF ALL DIMENSIONS, ROUTING, ETC., BY THE CONTRACTOR IS REQUIRED.
5. DRAWINGS AND SPECIFICATIONS ARE PROVIDED TO SHOW THE INTENT OF THE DESIGN TO ASSIST THE CONTRACTOR IN SUBMITTING AN ACCURATE BID. CONTRACTOR IS DIRECTED TO MAKE FIELD SURVEYS AS PART OF THEIR WORK PRIOR TO SUBMITTING SYSTEM LAYOUT DRAWINGS (SHOP DRAWINGS). THE CONTRACTOR SHALL MAKE ALLOWANCE IN THE PROPOSAL TO COMPLY WITH THE INTENT OF THE DESIGN.
6. IN CASE OF DOUBT OF WORK INTENDED, IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REQUEST INSTRUCTIONS FROM THE DESIGNER OR OWNER PRIOR TO BID.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING A COMPLETE, OPERABLE, AND FULLY FUNCTIONING SYSTEM.

SCOPE OF WORK:

- 1. PROVIDE AND INSTALL I-PRO CAMERAS AND COMPONENTS.
2. PROVIDE AND INSTALL ANTAIRA SWITCHES AND COMPONENTS.
3. PROVIDE AND INSTALL I-PRO NETWORK VIDEO RECORDER.
4. PROGRAM I-PRO CAMERAS WITH IP ADDRESSES FROM SHEET T800 DETAIL 1.
5. PROVIDE ANTAIRA SWITCHES TO DISTRICT 15 WORKING DAYS PRIOR TO INSTALLATION FOR DISTRICT TO PROGRAM AND CONFIGURE PRIOR TO CONTRACTOR INSTALLATION.
6. PROGRAM I-PRO NETWORK VIDEO RECORDER WITH IP ADDRESS PROVIDED BY THE DISTRICT. CONTRACTOR TO CONFIGURE AND LINK ALL NEW CAMERAS TO NEW NVR PRIOR TO TURNING SYSTEM OVER TO DISTRICT.
7. REVIEW ALL CAMERA VIEWS WITH SITE ADMINISTRATION AND DISTRICT OR ITS REPRESENTATIVE AND MAKE ADJUSTMENTS AS REQUIRED.
8. NOTIFY DESIGNER AND DISTRICT AT A MINIMUM OF FIVE (5) WORKING DAYS PRIOR TO FINAL INSPECTION FOR FINAL PUNCH.
9. PRIOR TO FINAL INSPECTION, THE CONTRACTOR SHALL PROVIDE ALL PROJECT AS-BUILT DRAWINGS AND MANUALS PER SPECIFICATIONS.
10. ALL PENETRATIONS THROUGH WALLS INTO CORRIDORS AND/OR ELECTRICAL ROOMS TO BE FIRE STOPPED PER SHEET T801
11. SEAL AND WEATHER PROOF ALL EXTERIOR CAMERAS / PENETRATIONS.
12. REMOVE ALL OLD CAMERAS AND WIRE. COVER OPENING WITH BLANK PLATE AND SEAL FOR WEATHER (EXTERIOR ONLY)/PAINT TO MATCH EXISTING WALL.

SHEET INDEX:

Table with columns: SHEET NO., DESCRIPTION. Includes T000 (CCTV SYMBOLS AND NOTES), T100 (CCTV SITE PLAN), T800 (CCTV ONE-LINES AND DETAILS), T801 (FIRE STOP DETAILS), T900 (CCTV PICTURE DETAILS)

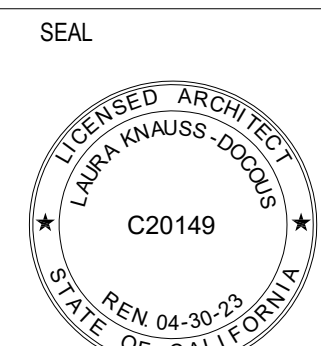


2025 Nineteenth Street
Sacramento CA 95818
P 916.558.1900
www.lionakis.com

CONSULTANT



KMM SERVICES, INC
TECHNOLOGY & FIRE LIFE SAFETY
5433 El Camino Ave., Suite 5
Carmichael, CA 95608
Office: (916) 359-4000 www.kmmservices.com



PROJECT
MCCLATCHY HIGH SCHOOL

CCTV UPGRADE

3066 FREEPORT BLVD.
SACRAMENTO, CA. 95818

CLIENT
SACRAMENTO UNIFIED SCHOOL DISTRICT

5735 47TH AVENUE
SACRAMENTO, CA. 95824

ISSUED

Table with columns: MARK, DATE, DESCRIPTION

MANAGEMENT

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DSA APPLICATION NO: 7XX-XXXX7
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TITLE

CCTV SYMBOLS AND NOTES

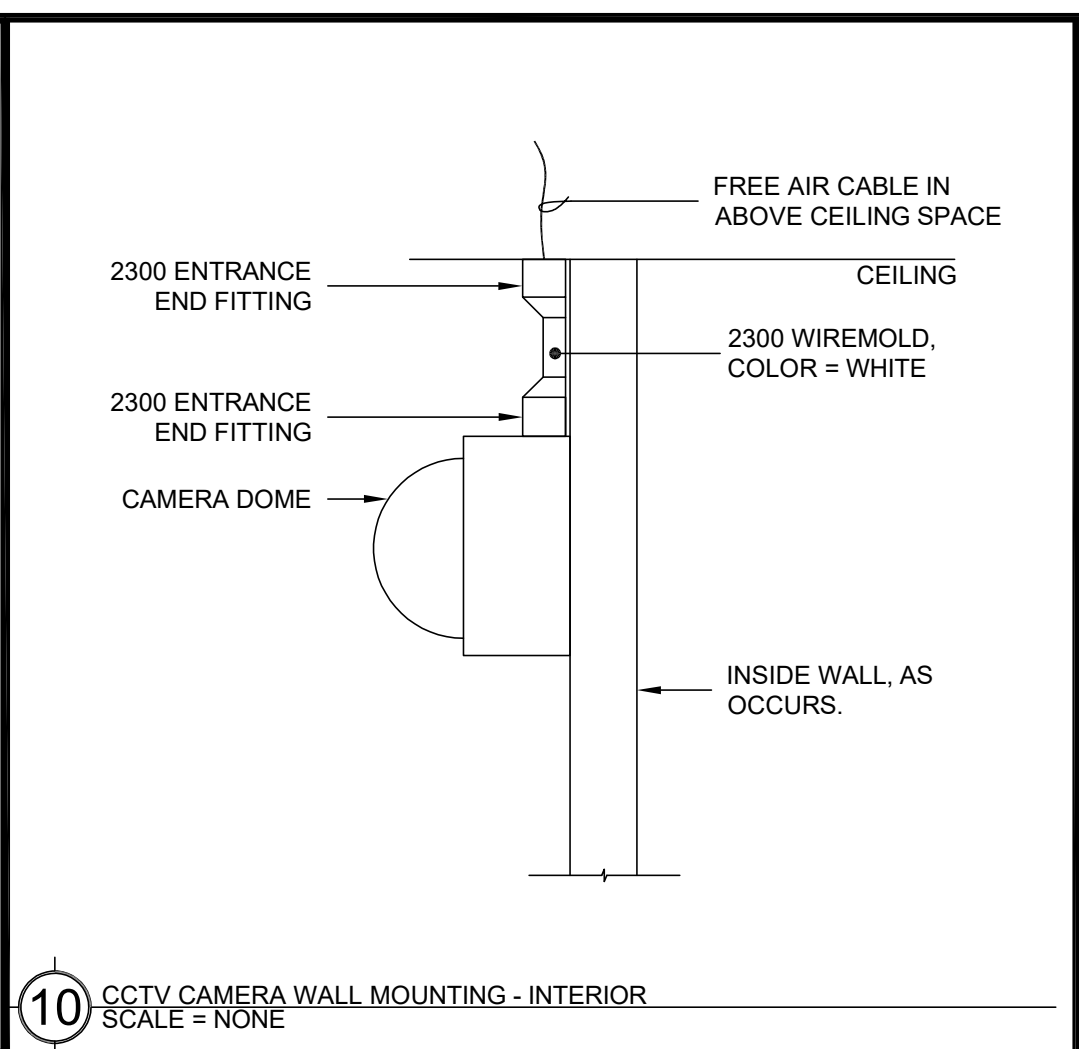
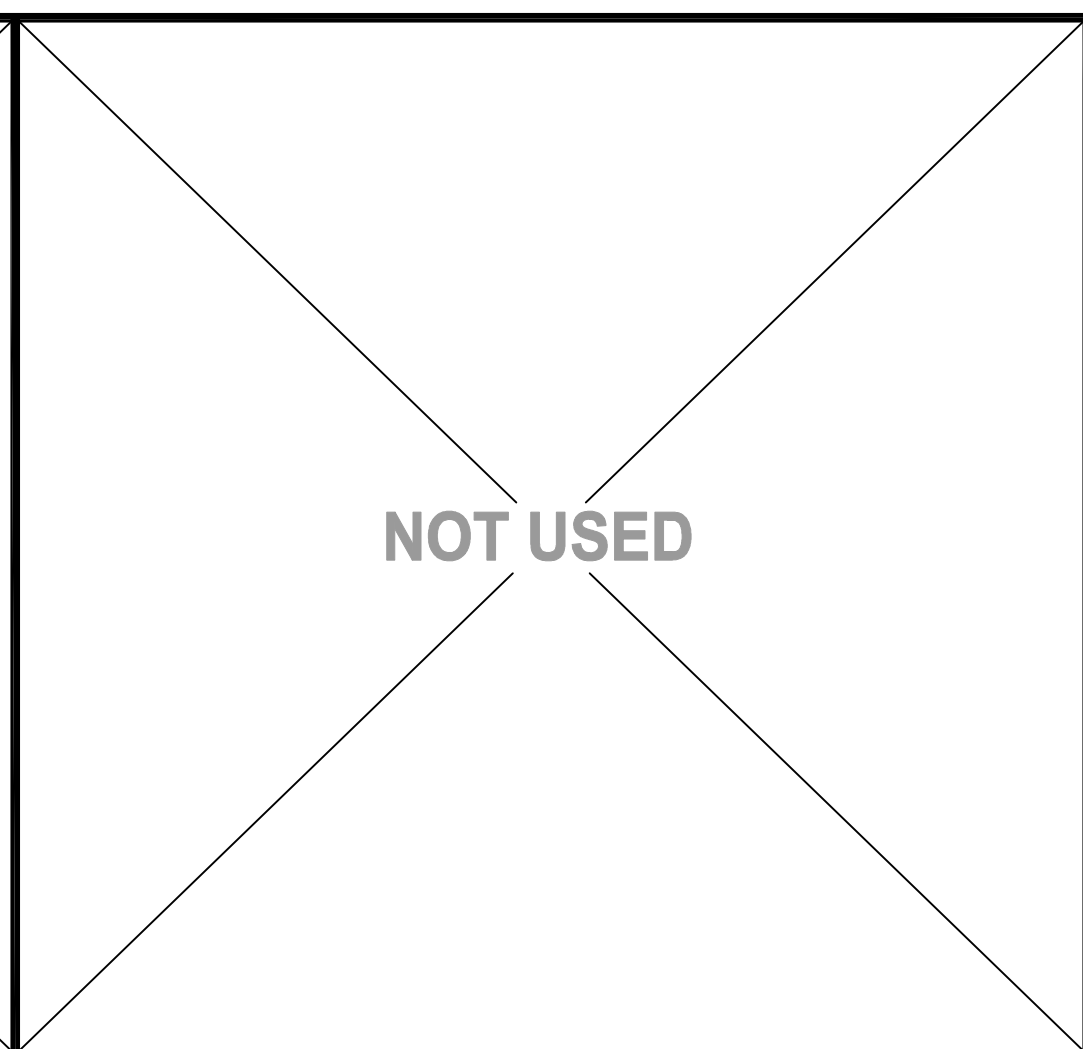
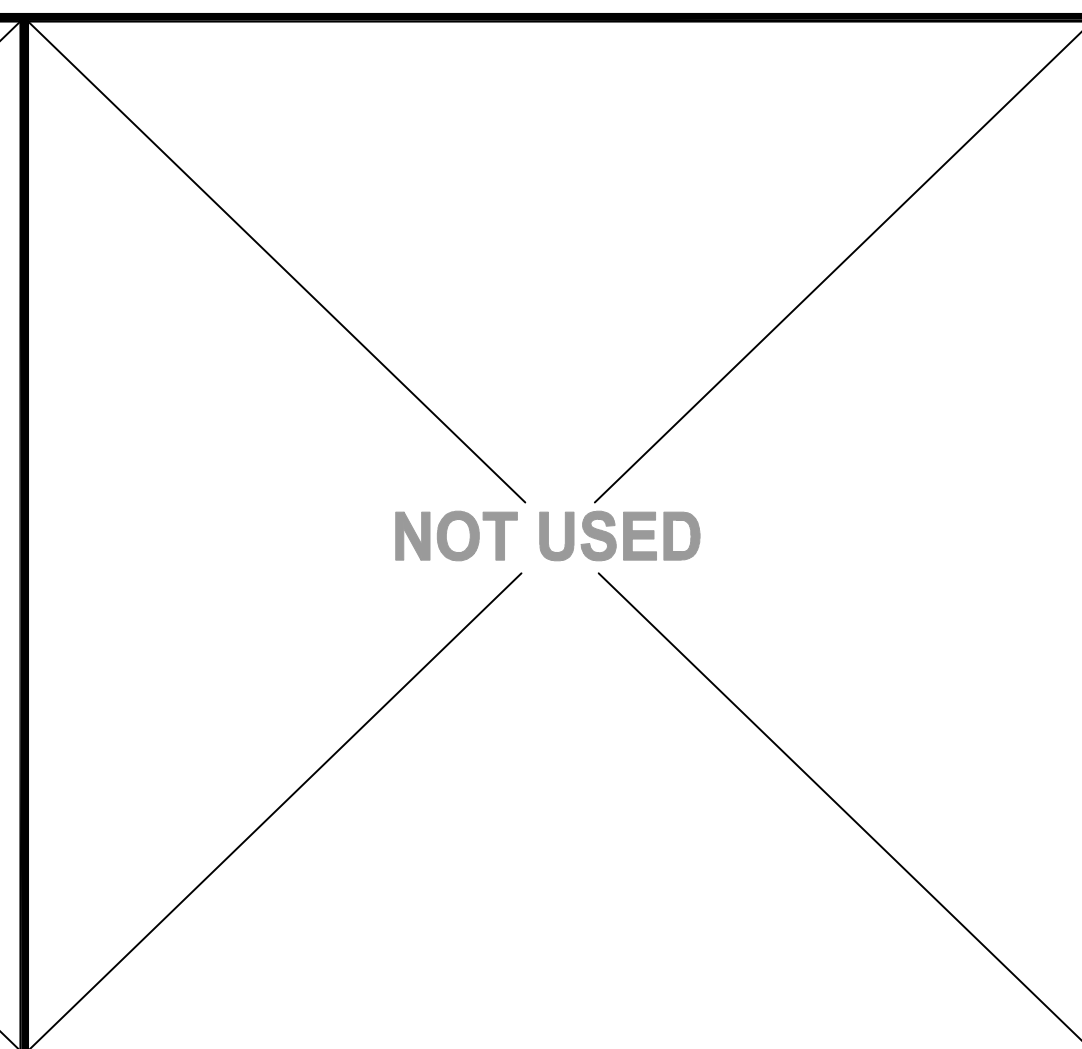
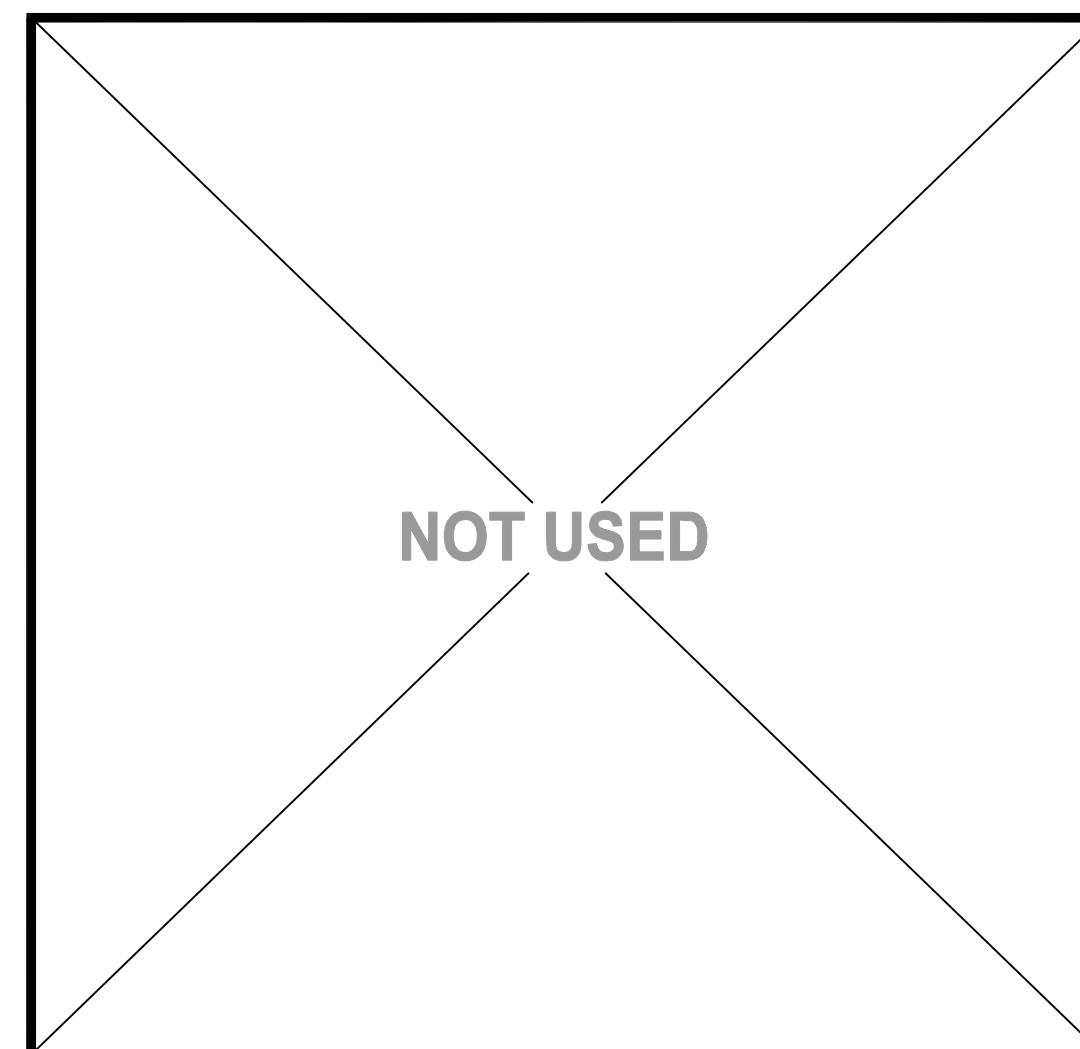
CONSTRUCTION DOCUMENTS

SHEET

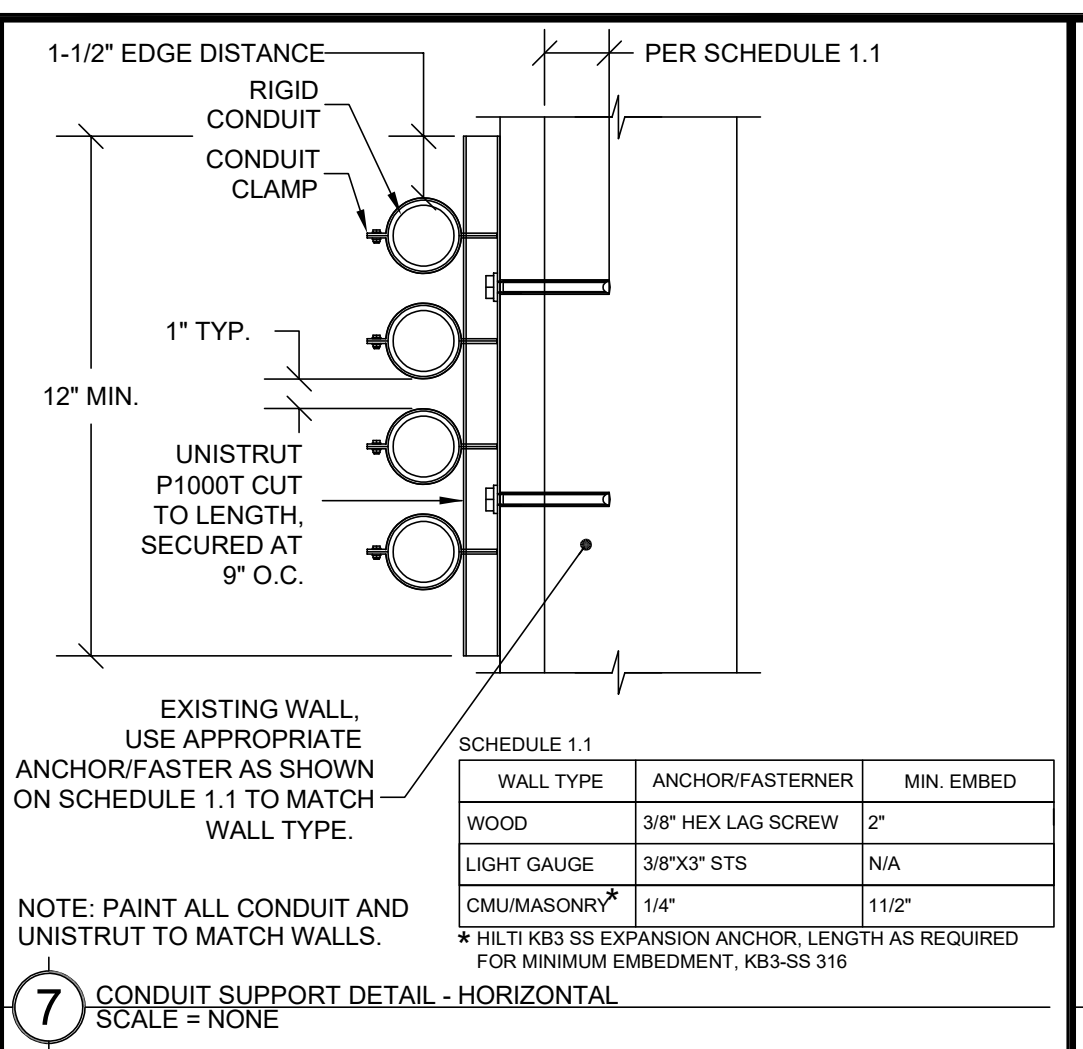
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 0, 1/4", 1/2", 1"



10 CCTV CAMERA WALL MOUNTING - INTERIOR
SCALE = NONE



7 CONDUIT SUPPORT DETAIL - HORIZONTAL
SCALE = NONE

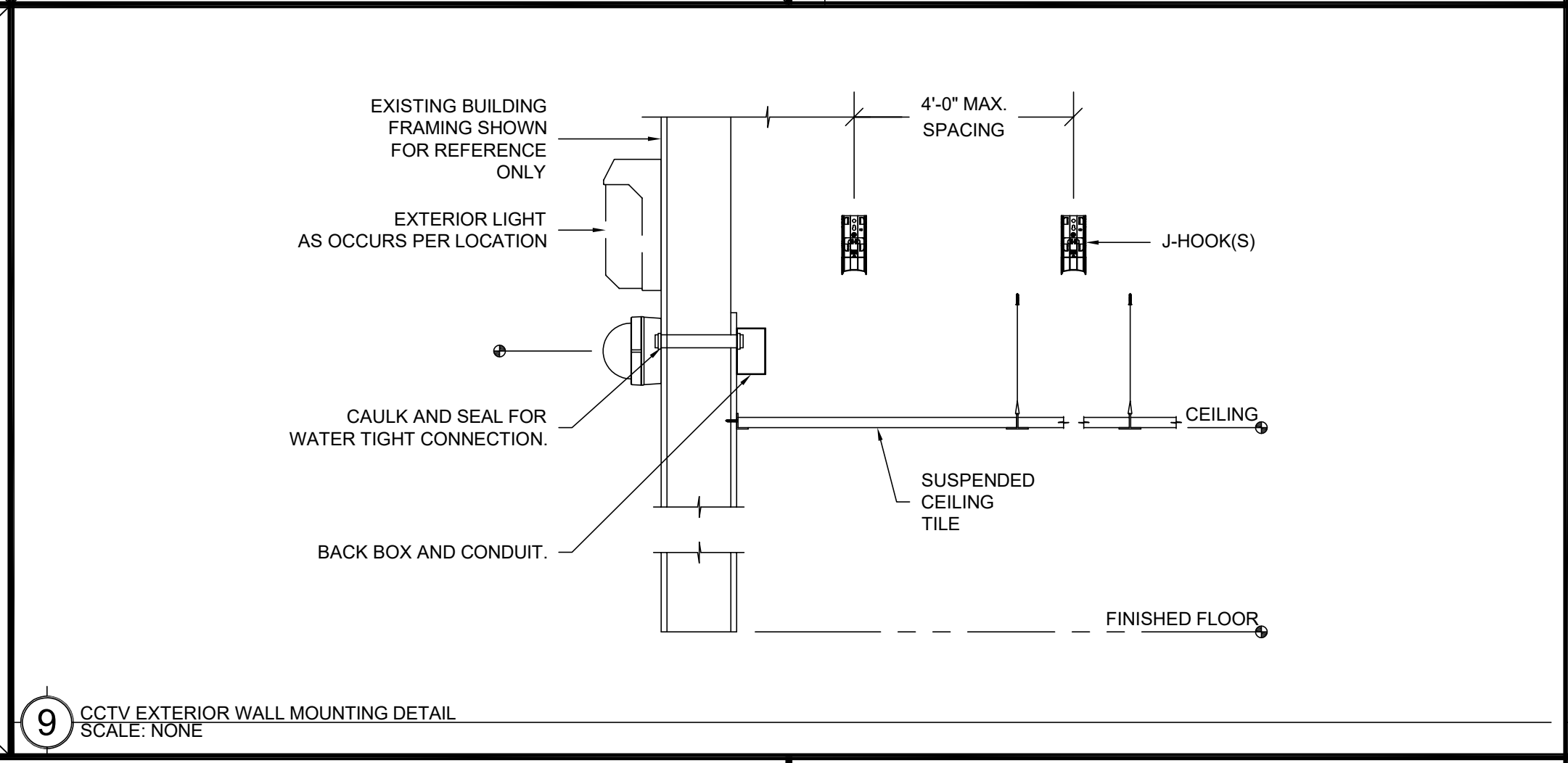
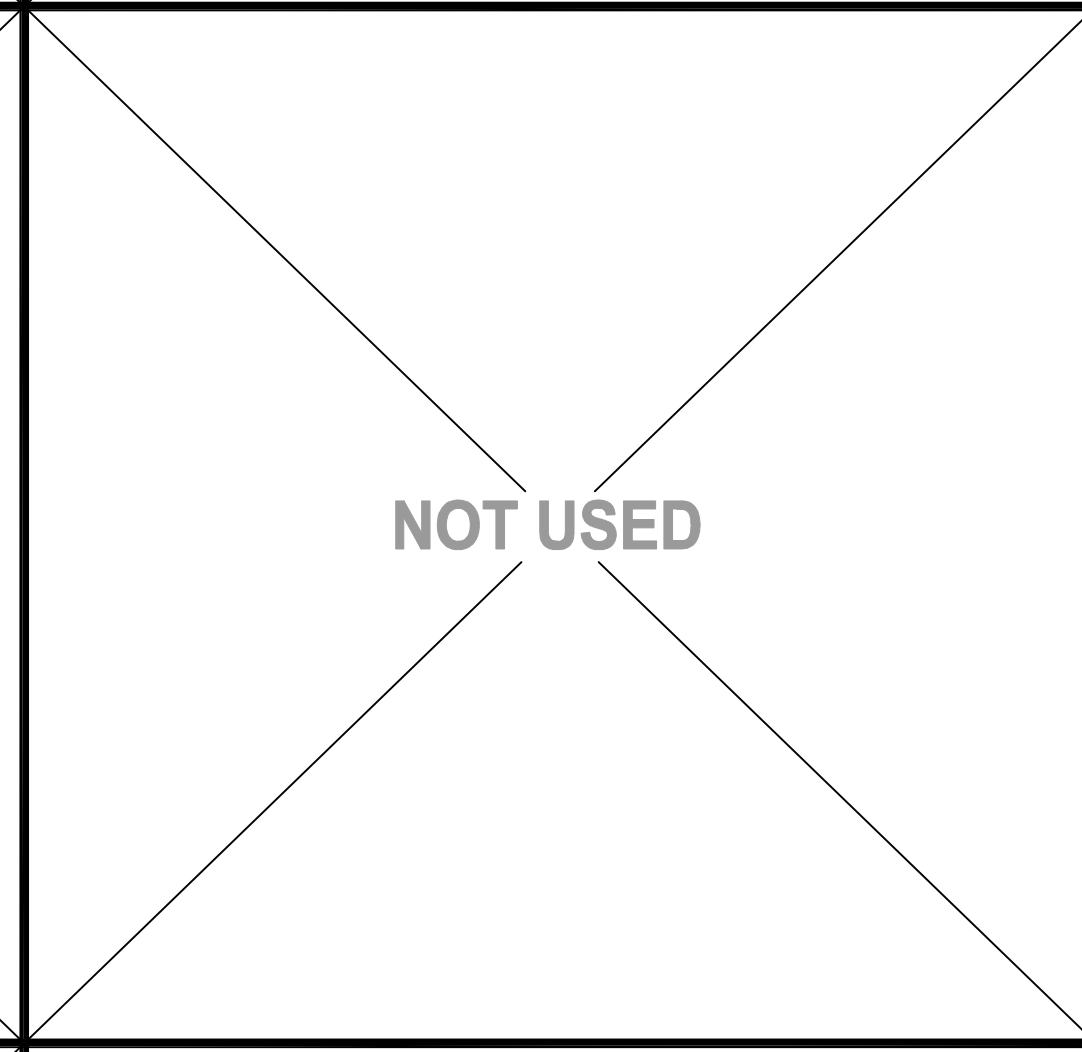
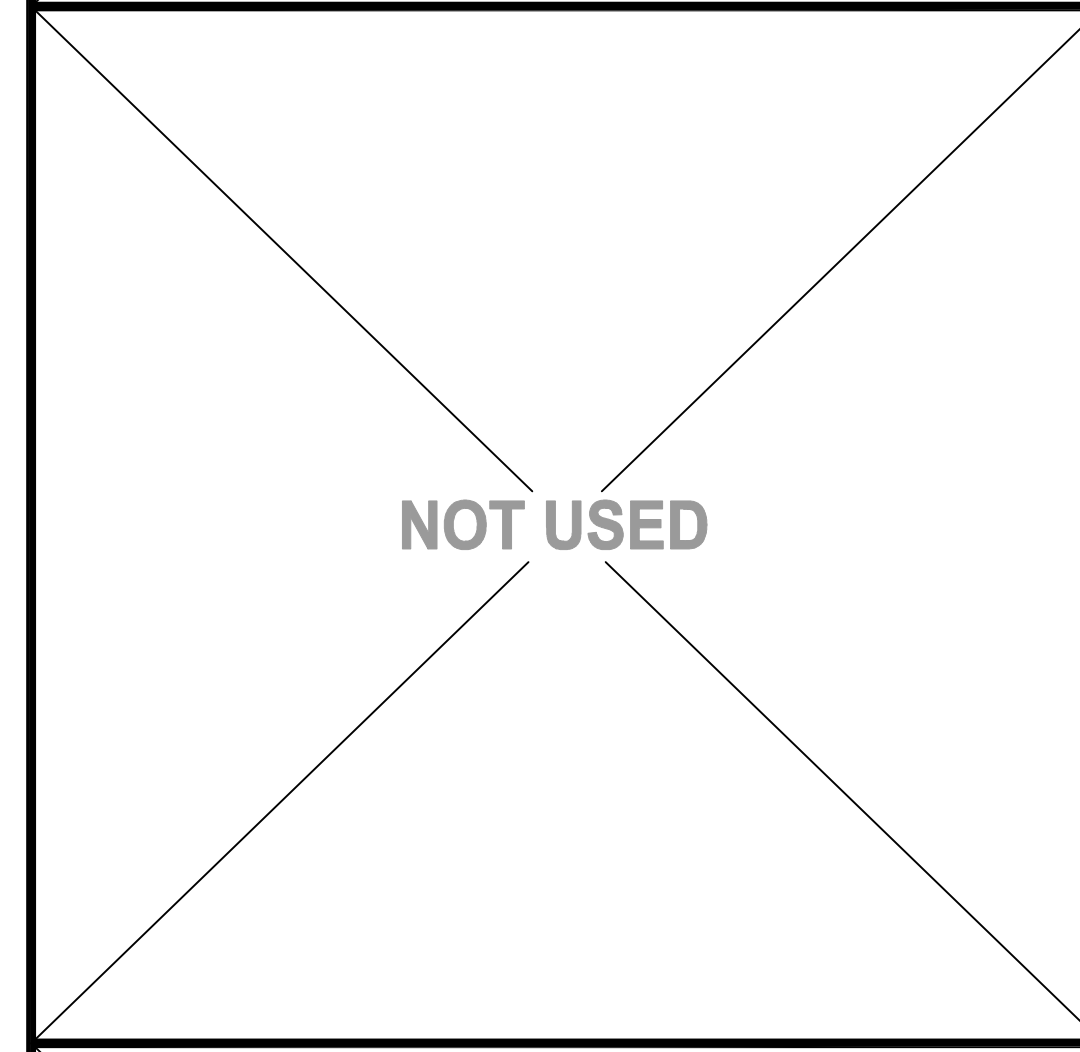
(1) EA. 3/4\"/>

CONDUIT DIA.	FILL RATIO (0.250\"/>
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1"	6-CABLES
1-1/4"	10-CABLES
2"	26-CABLES
4"	102-CABLES

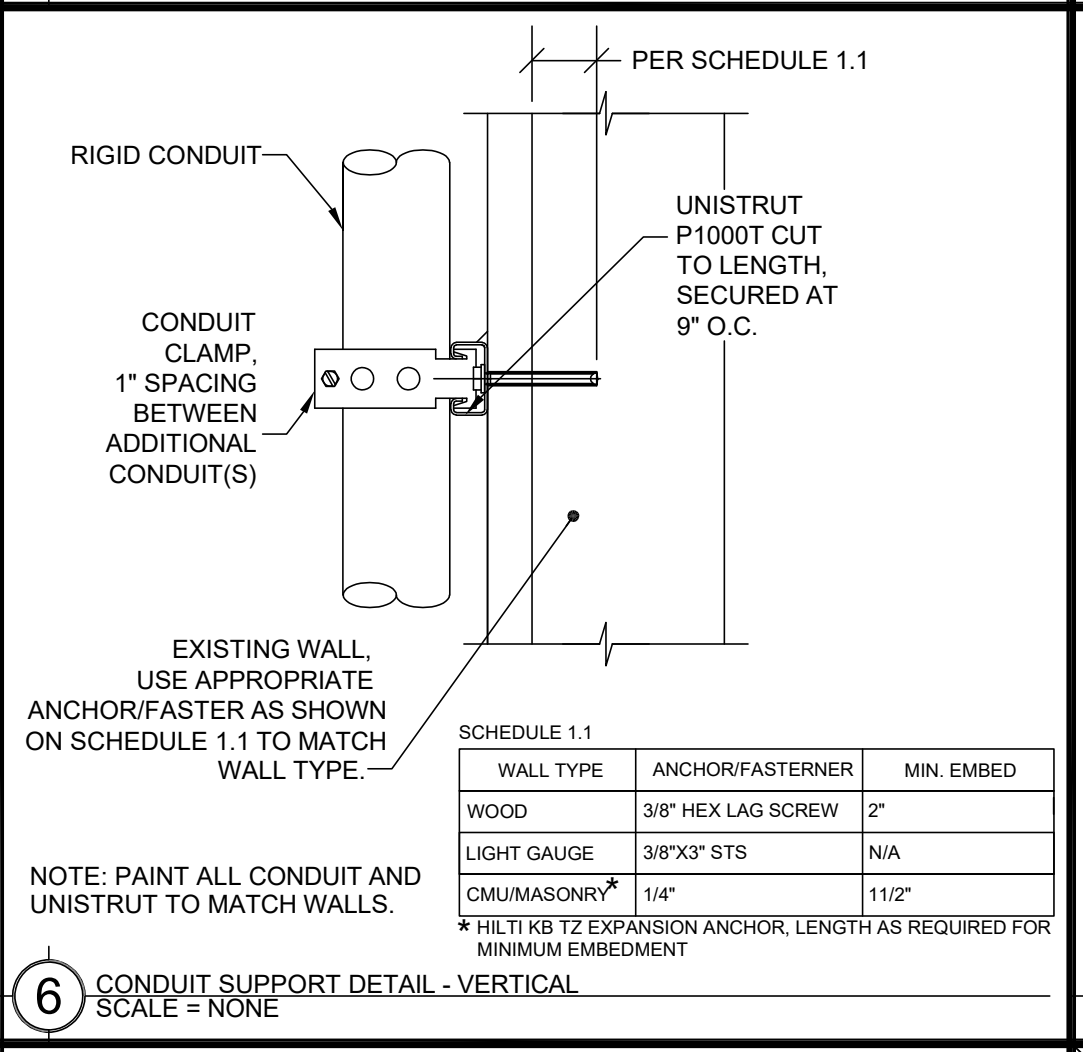
CONDUIT 2: ORANGE (CCTV / SECURITY)

NOTE: CONTRACTOR SHALL BE REQUIRED TO UPSIZE CONDUIT AND/OR QTY AS NOTED PER FILL RATIO CABLE CAPACITY.

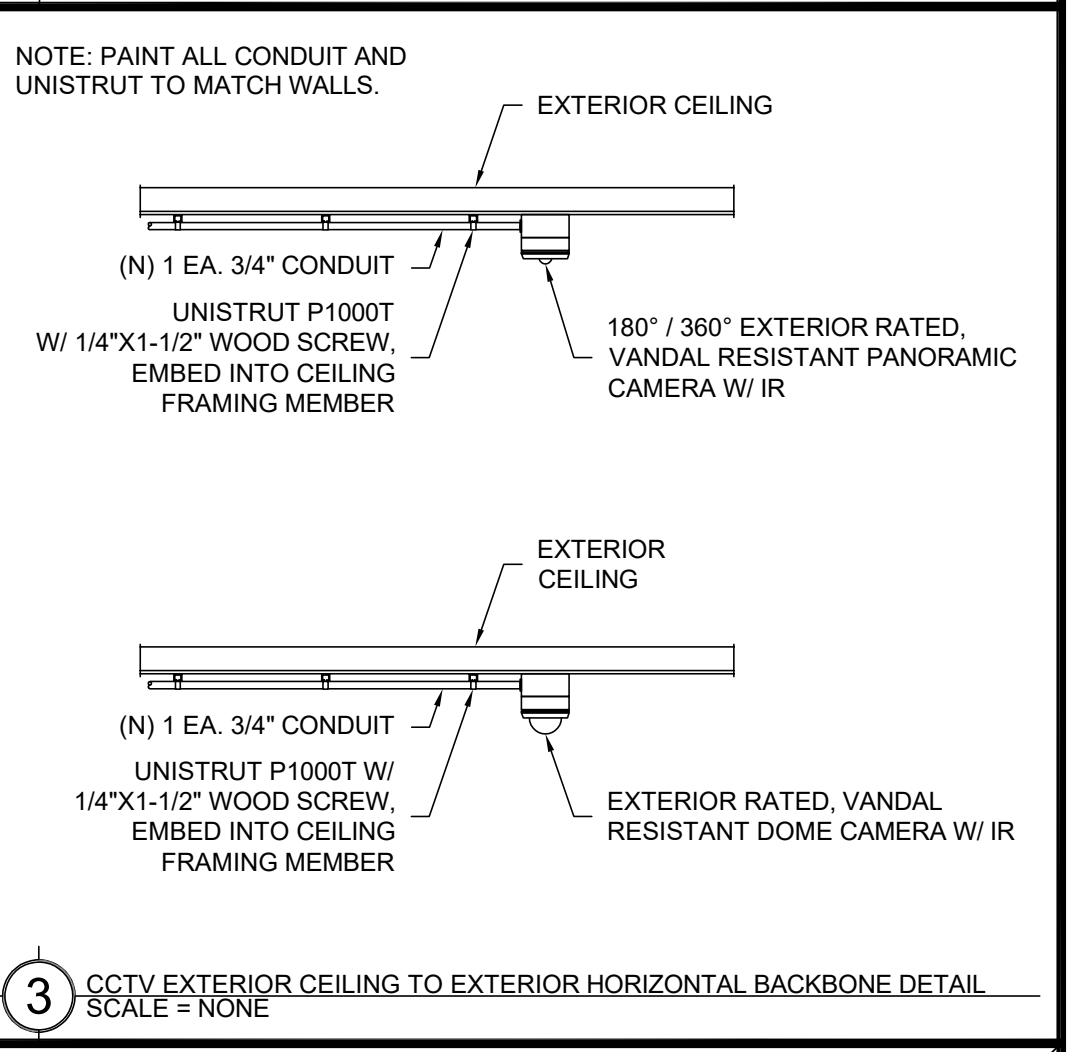
4 CONDUIT LAYOUT DETAIL - HORIZONTAL BACKBONE / SLEEVES
SCALE = NONE



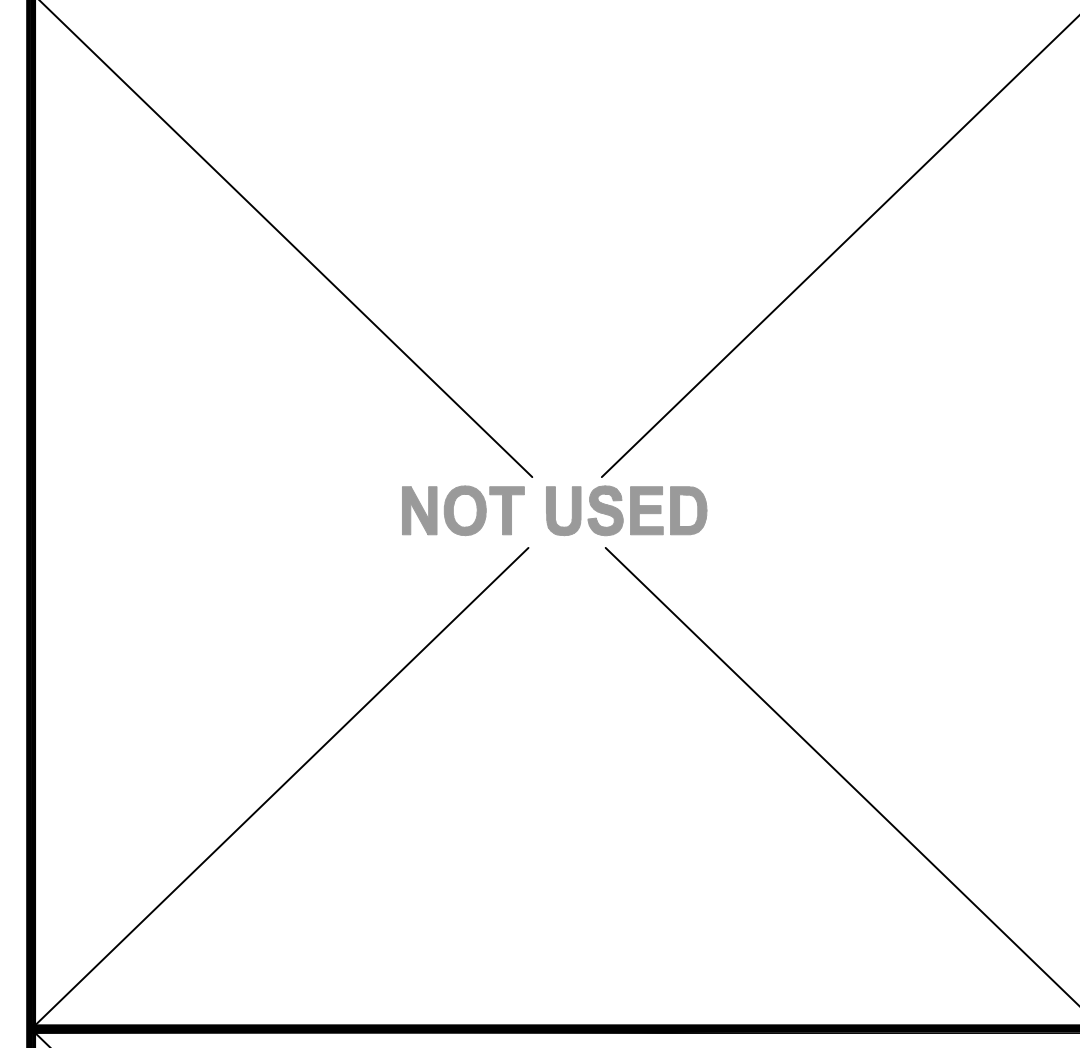
9 CCTV EXTERIOR WALL MOUNTING DETAIL
SCALE = NONE



6 CONDUIT SUPPORT DETAIL - VERTICAL
SCALE = NONE



3 CCTV EXTERIOR CEILING TO EXTERIOR HORIZONTAL BACKBONE DETAIL
SCALE = NONE



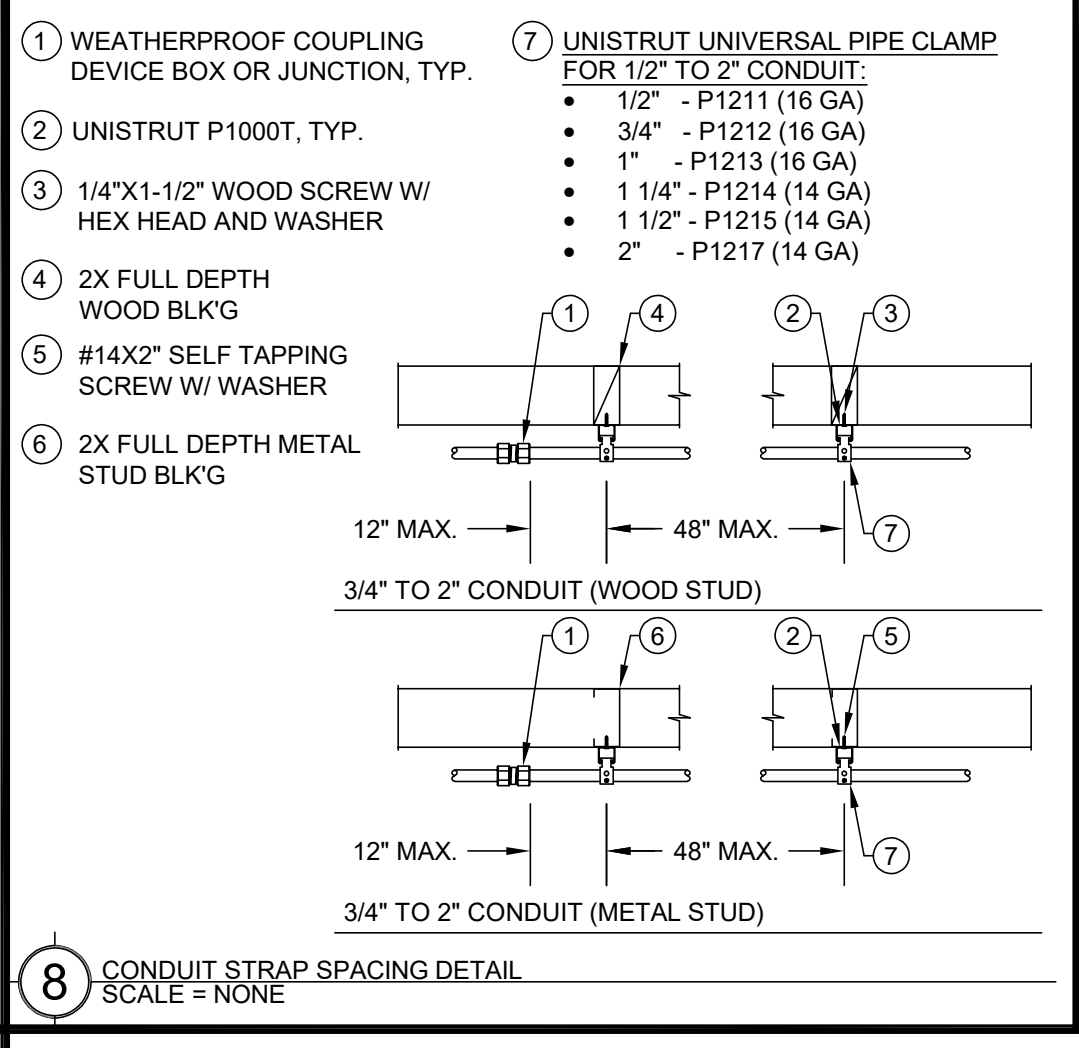
New Camera Bracket Combination Examples

WV-QWL500 with other bracket combination example

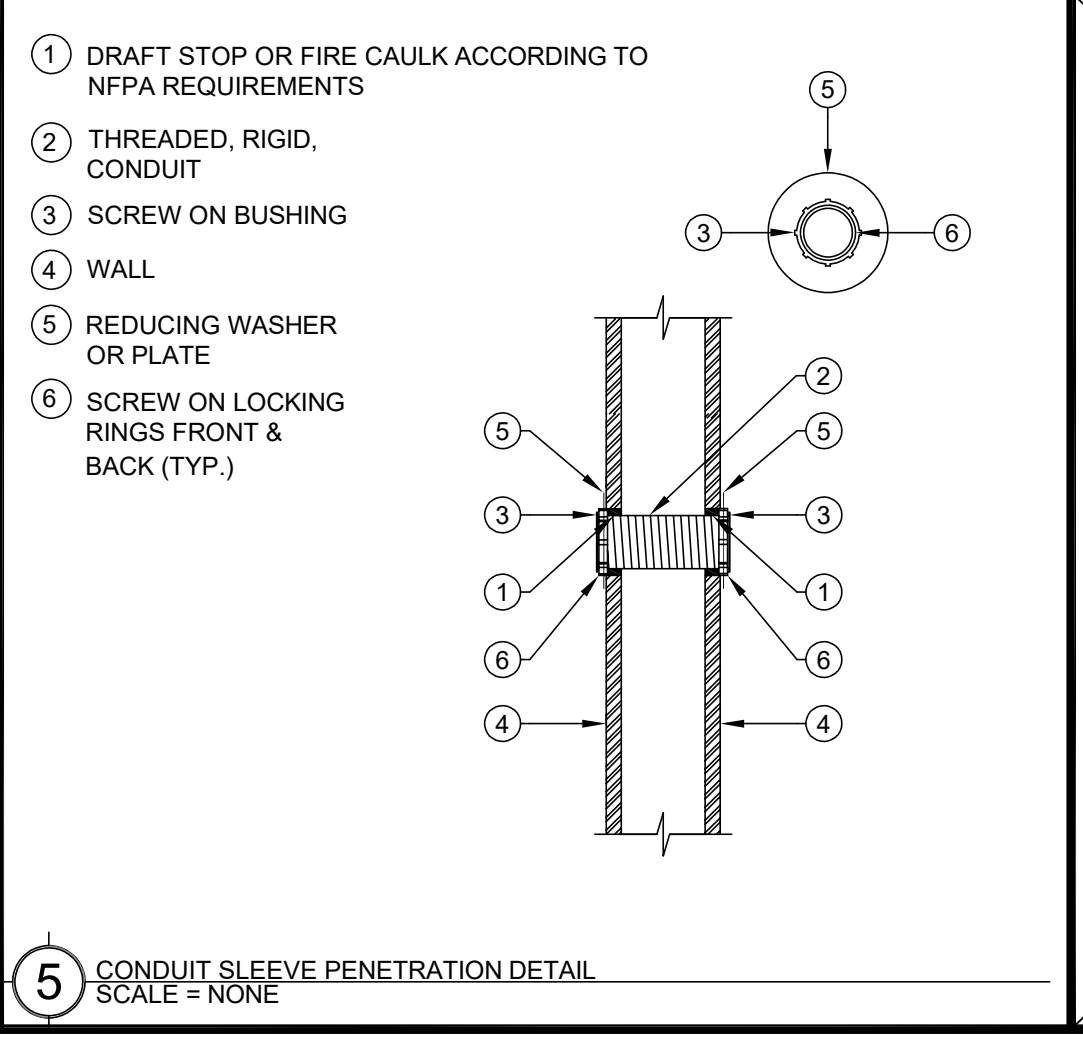
Installation on the corner

- WV-QWL500-W + WV-QJB500-W
- WV-QWL500-W + WV-QCN500-W
- WV-QWL500-G + WV-QJB500-G
- WV-QWL500-G + WV-Q183

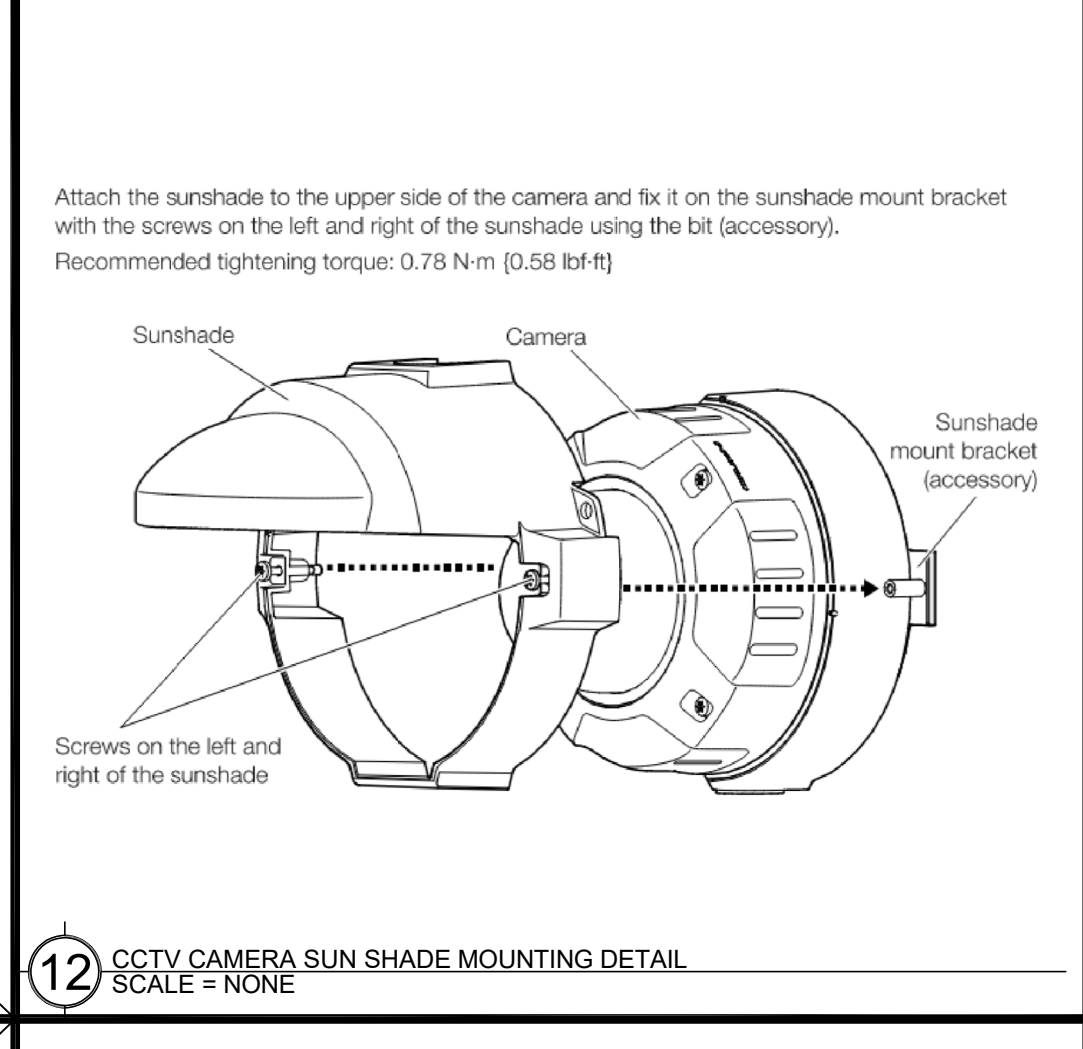
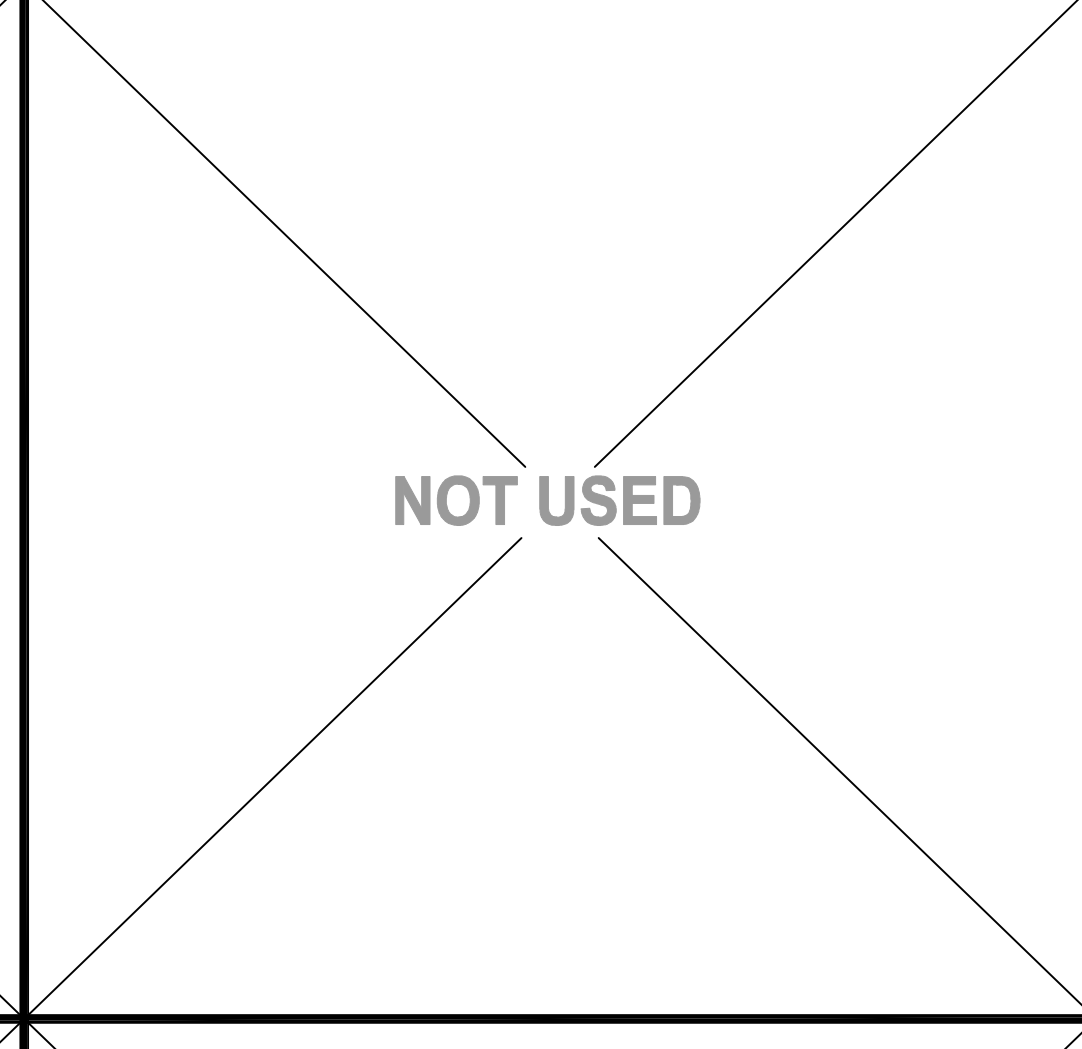
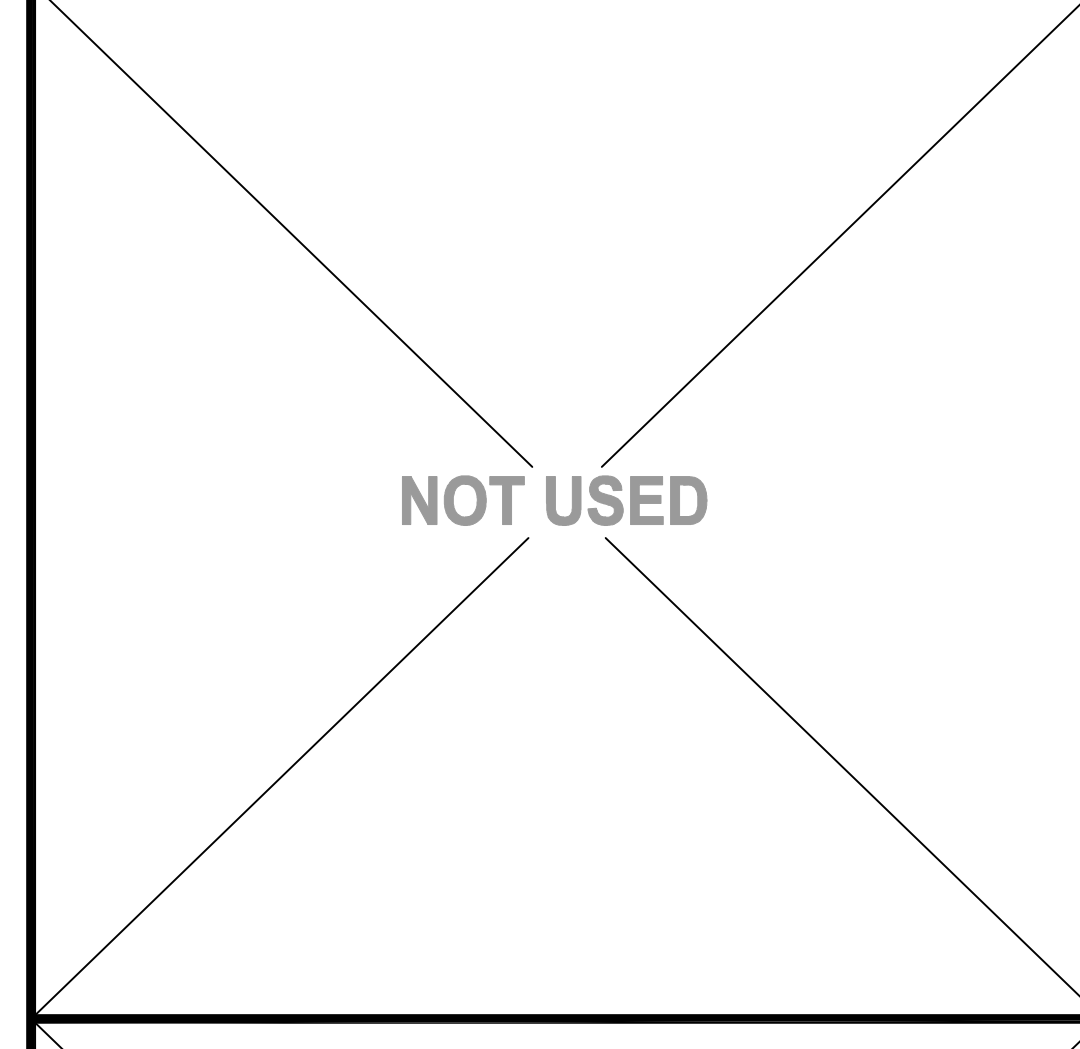
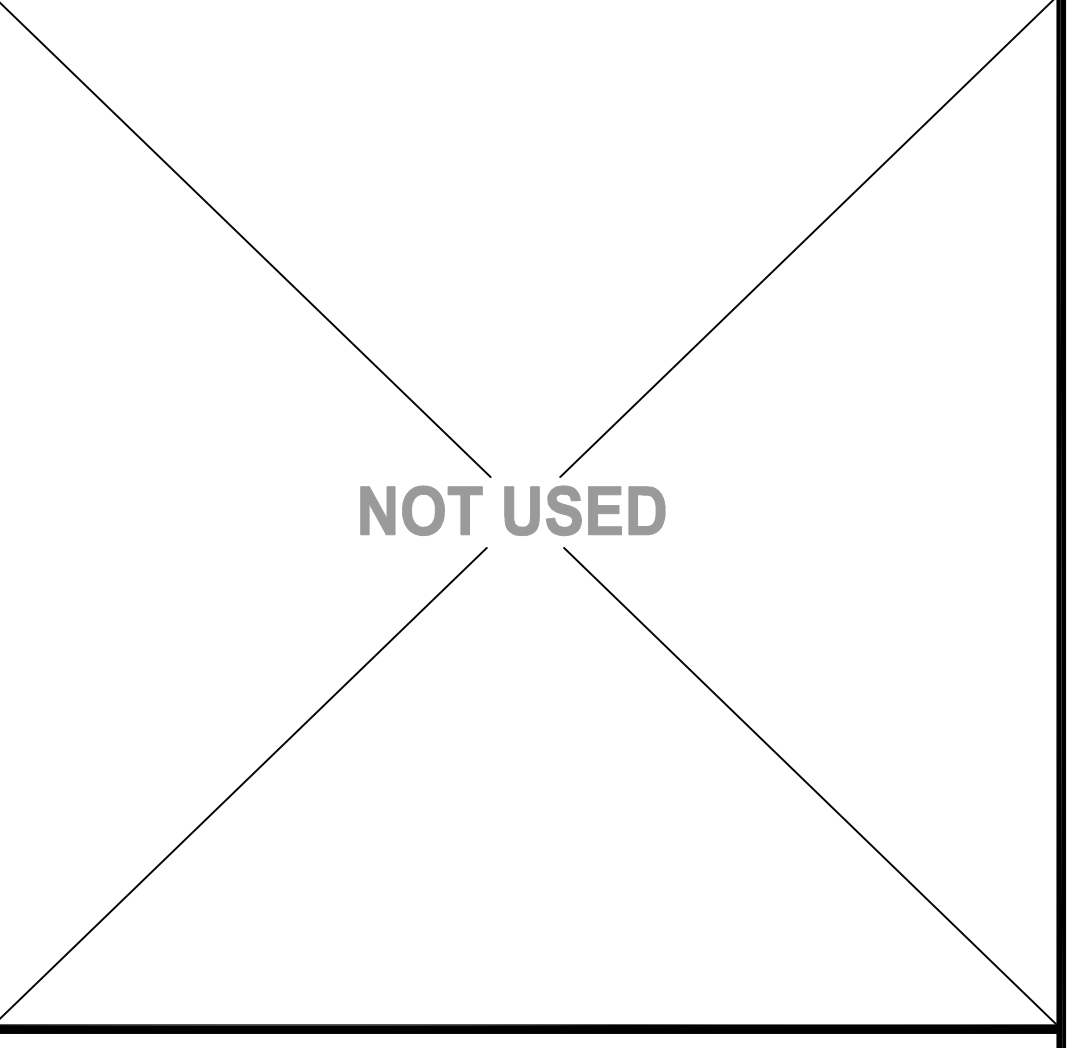
13 360 CCTV WALL CORNER MOUNT DETAIL
SCALE = NONE



8 CONDUIT STRAP SPACING DETAIL
SCALE = NONE



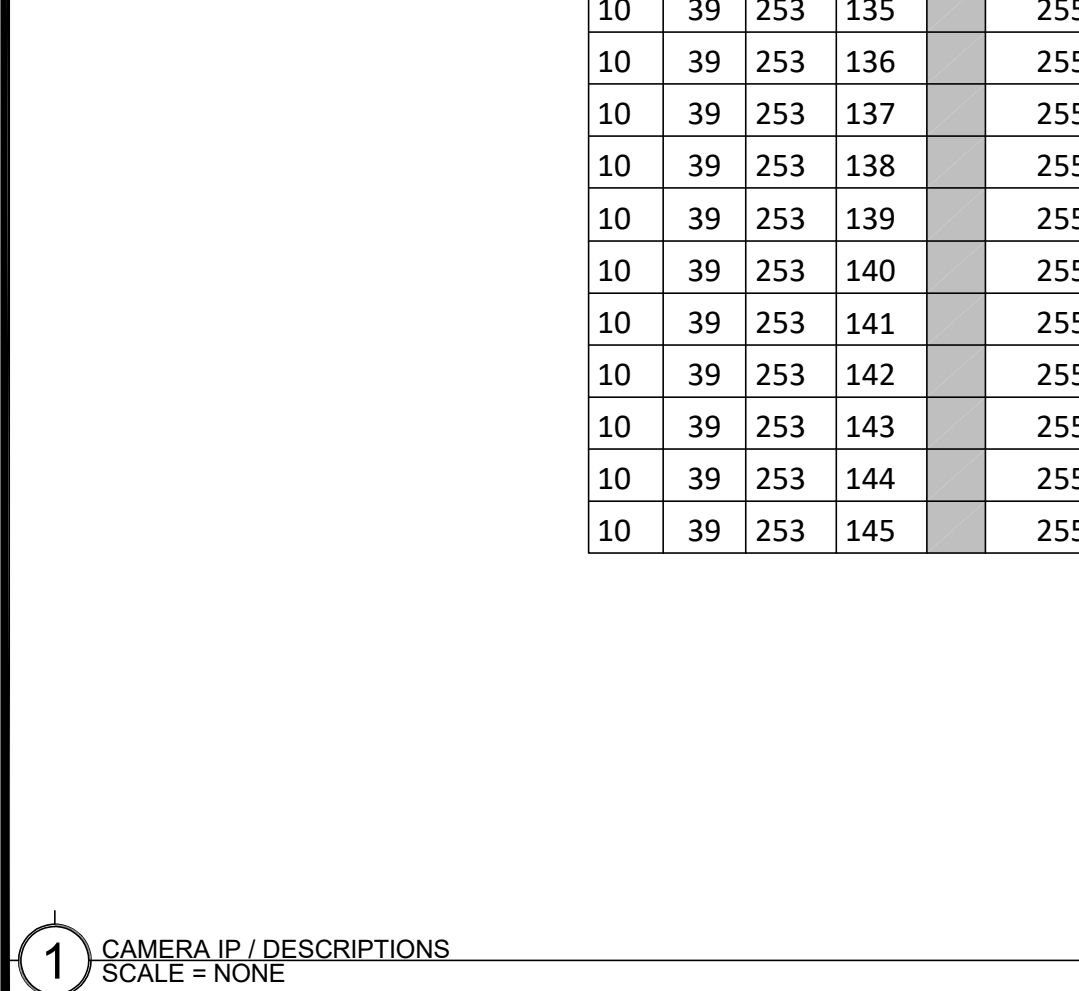
5 CONDUIT SLEEVE PENETRATION DETAIL
SCALE = NONE



12 CCTV CAMERA SUN SHADE MOUNTING DETAIL
SCALE = NONE

1 CAMERA IP / DESCRIPTIONS
SCALE = NONE

Ip Address	Subnet	Existing / New	Device WV-S25500-V3L (DOME) WV-S4551L (360 DEGREE)	Connect to MDF / IDF#	Notes
10 39 253 126	255.255.0.0	(N)	WV-S25500-V3L	IDF-12	Ext. court West of room 6
10 39 253 127	255.255.0.0	(N)	WV-S25500-V3L	IDF-2	Ext. court North of room 17
10 39 253 128	255.255.0.0	(N)	WV-S25500-V3L	IDF-4	Hallway NW of Auditorium
10 39 253 129	255.255.0.0	(N)	WV-S25500-V3L	IDF-4	Hallway NE of Auditorium
10 39 253 130	255.255.0.0	(N)	WV-S25500-V3L	IDF-3	Hallway NE of Cafeteria
10 39 253 131	255.255.0.0	(N)	WV-S25500-V3L	IDF-3	Hallway NE of Cafeteria
10 39 253 132	255.255.0.0	(N)	WV-S25500-V3L	IDF-4	Driveway South of room 34
10 39 253 133	255.255.0.0	(N)	WV-S25500-V3L	IDF-4	Hallway SW of Auditorium
10 39 253 134	255.255.0.0	(N)	WV-S25500-V3L	IDF-4	Hallway SW of Auditorium
10 39 253 135	255.255.0.0	(N)	WV-S4551L	IDF-5	Driveway North of Main Gym
10 39 253 136	255.255.0.0	(N)	WV-S25500-V3L	IDF-3	Courtyard East of Main Gym
10 39 253 137	255.255.0.0	(N)	WV-S25500-V3L	IDF-3	Courtyard East of Main Gym
10 39 253 138	255.255.0.0	(N)	WV-S4551L	IDF-3	Ext. hallway East of Main Gym
10 39 253 139	255.255.0.0	(N)	WV-S25500-V3L	IDF-5	Main / Large Gym
10 39 253 140	255.255.0.0	(N)	WV-S25500-V3L	IDF-5	Small Gym
10 39 253 141	255.255.0.0	(N)	WV-S25500-V3L	IDF-5	Pool area
10 39 253 142	255.255.0.0	(N)	WV-S25500-V3L	IDF-5	Hallway West of room 49
10 39 253 143	255.255.0.0	(N)	WV-S25500-V3L	IDF-9	Courtyard South of room D-1
10 39 253 144	255.255.0.0	(N)	WV-S4551L	IDF-10	Ext. walkway North of room D-7
10 39 253 145	255.255.0.0	(N)	WV-S25500-V3L	IDF-11	Field West of Port. D-25



11 CCTV CAMERA T-BAR SUPPORT DETAIL
SCALE = NONE

LIONAKIS

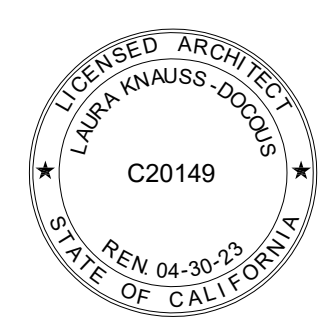
2025 Ninetenth Street
Sacramento CA 95818
P 916.558.1900
www.lionakis.com

CONSULTANT



KMM SERVICES, INC.
TECHNOLOGY & FIRE LIFE SAFETY
5433 El Camino Ave., Suite 5
Carmichael, CA 95608
Office: (916) 359-4000 www.kmm.com

SEAL



PROJECT
MCCLATCHY HIGH SCHOOL

CCTV UPGRADE

3066 FREEPORT BLVD.
SACRAMENTO, CA 95818

CLIENT
SACRAMENTO UNIFIED SCHOOL DISTRICT

5735 47TH AVENUE
SACRAMENTO, CA 95824

ISSUED

MARK	DATE	DESCRIPTION

MANAGEMENT

LIONAKIS PROJECT NO:	022121
DSA APPLICATION NO:	7XXX-XXXX7
COPYRIGHT:	LIONAKIS 2022

TITLE

CCTV ONE-LINE AND DETAILS

CONSTRUCTION DOCUMENTS

SHEET

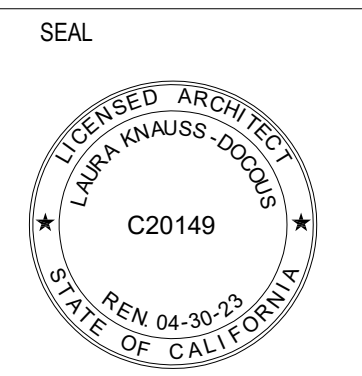
T800

10/20/23 12:42:36 PM C:\Users\larsen.sage\Documents\Revit\loc\files\0221_ARCH\STR_P00_CENTRAL_dba.sage.rvt

NOT USED		CAMERA #145 CAMERA PLACEMENT CAMERA VIEW		CAMERA #144 CAMERA PLACEMENT CAMERA VIEW		CAMERA #143 CAMERA PLACEMENT CAMERA VIEW		CAMERA #142 CAMERA PLACEMENT CAMERA VIEW			
NOT USED		CAMERA #141 CAMERA PLACEMENT CAMERA VIEW		CAMERA #140 CAMERA PLACEMENT CAMERA VIEW		CAMERA #139 CAMERA PLACEMENT CAMERA VIEW		CAMERA #138 CAMERA PLACEMENT CAMERA VIEW			
CAMERA #141 PICTURE DETAIL SCALE: NONE		CAMERA #140 PICTURE DETAIL SCALE: NONE		CAMERA #139 PICTURE DETAIL SCALE: NONE		CAMERA #138 PICTURE DETAIL SCALE: NONE		CAMERA #137 PICTURE DETAIL SCALE: NONE			
CAMERA #135 CAMERA PLACEMENT CAMERA VIEW		CAMERA #134 CAMERA PLACEMENT CAMERA VIEW		CAMERA #133 CAMERA PLACEMENT CAMERA VIEW		CAMERA #132 CAMERA PLACEMENT CAMERA VIEW		CAMERA #131 CAMERA PLACEMENT CAMERA VIEW			
CAMERA #135 PICTURE DETAIL SCALE: NONE		CAMERA #134 PICTURE DETAIL SCALE: NONE		CAMERA #133 PICTURE DETAIL SCALE: NONE		CAMERA #132 PICTURE DETAIL SCALE: NONE		CAMERA #131 PICTURE DETAIL SCALE: NONE			
CAMERA #129 CAMERA PLACEMENT CAMERA VIEW		CAMERA #128 CAMERA PLACEMENT CAMERA VIEW		CAMERA #127 CAMERA PLACEMENT CAMERA VIEW		CAMERA #126 CAMERA PLACEMENT CAMERA VIEW		IDF-12 PICTURE DETAIL SCALE: NONE			
CAMERA #129 PICTURE DETAIL SCALE: NONE		CAMERA #128 PICTURE DETAIL SCALE: NONE		CAMERA #127 PICTURE DETAIL SCALE: NONE		CAMERA #126 PICTURE DETAIL SCALE: NONE		IDF-11 PICTURE DETAIL SCALE: NONE			
IDF-10 NOTES: A. NEW CONTRACTOR FURNISHED ANTAIRA SWITCH W/ COMPONENTS PER DETAIL.		IDF-9 PICTURE DETAIL SCALE: NONE		IDF-5 NOTES: A. REMOVE (E) WIRE MANAGER TO MAKE ROOM FOR NEW CONTRACTOR FURNISHED ANTAIRA SWITCH W/ COMPONENTS PER DETAIL. B. INSTALL A CABLE MANAGEMENT BAR AT THE REAR OF EXISTING PATCH PANEL TO SUPPORT EXISTING CABLES. C. REPLACE (E) CAT6 PATCH CORDS WITH NEW 12" OR LENGTH AS REQUIRED CAT6 SLIMLINE PATCHCORDS.		IDF-4 NOTES: A. NEW CONTRACTOR FURNISHED ANTAIRA SWITCH W/ COMPONENTS PER DETAIL.		IDF-3 PICTURE DETAIL SCALE: NONE		IDF-1 NOTES: A. REMOVE (E) WIRE MANAGER TO MAKE ROOM FOR NEW CONTRACTOR FURNISHED 10-PORT SWITCH WITH COMPONENTS. B. INSTALL A CABLE MANAGEMENT BAR AT THE REAR OF EXISTING PATCH PANEL TO SUPPORT EXISTING CABLES. C. REPLACE (E) CAT6 PATCH CORDS WITH NEW 12" OR LENGTH AS REQUIRED CAT6 SLIMLINE PATCHCORDS.	
IDF-10 PICTURE DETAIL SCALE: NONE		IDF-9 PICTURE DETAIL SCALE: NONE		IDF-5 PICTURE DETAIL SCALE: NONE		IDF-4 PICTURE DETAIL SCALE: NONE		IDF-3 PICTURE DETAIL SCALE: NONE		IDF-1 PICTURE DETAIL SCALE: NONE	

LIONAKIS
 2025 Nineteenth Street
 Sacramento CA 95818
 P 916.558.1900
 www.lionakis.com

CONSULTANT
KMM SERVICES, INC.
 TECHNOLOGY & FIRE LIFE SAFETY
 5433 El Camino Ave. Suite 5
 Carmichael, CA 95608
 Office: (916) 359-4000 www.kmm.com



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 SHEET
T900