

DEPARTMENT OF JUSTICE

RIVERSIDE LAB FIRE ALARM REPLACEMENT RIVERSIDE FORENSIC LABORATORY

DEPARTMENT OF JUSTICE - RIVERSIDE
7425 MISSION BLVD, RIVERSIDE, CALIFORNIA 92509

BUILDING SUBMITTAL - PRIMARY OSFM PERMIT NUMBER: 25-S-3867-FA

LOCATION PLAN	VICINITY MAP	SCOPE OF WORK	DRAWING INDEX
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[illegible]

PREPARED FOR: DEPARTMENT OF JUSTICE - RIVERSIDE 7425 MISSION BLVD, RIVERSIDE, CA 92509 LENA VANCE, ABMA DEPARTMENT OF JUSTICE PHONE : (916) 210-7106 SABINA WILEY / PROJECT DIRECTOR II PHONE : (279) 799-3936	PREPARED BY: J.C. CHANG & ASSOCIATES, INC. ENGINEERS, ARCHITECTS AND PLANNERS 385 VAN NESS AVENUE, SUITE 208 TORRANCE, CALIFORNIA 90501 PHONE : (310) 212-7644 ARCHITECT OF RECORD / PRIMARY PROFESSIONAL MYOUNGJIN KANG NO. C-37614 385 VAN NESS AVE. #208 TORRANCE, CALIFORNIA 90501 ENGINEER OF RECORD / PRIMARY PROFESSIONAL SEVAG AVANESSION NO. E-22793 385 VAN NESS AVE. #208 TORRANCE, CALIFORNIA 90501	ALL DEFERRED FIRE PROTECTION AND FIRE ALARM SYSTEMS SHOWN IN DOCUMENTS ESTABLISH DESIGN INTENT, ARE SCHEMATIC AND FOR REFERENCE ONLY. THE GENERAL CONTRACTOR IS TO PROVIDE COMPLETE DESIGN SUBMITTALS WITH JUSTIFICATION OF LIFE SAFETY ELEMENTS AND/OR SYSTEMS. PRIOR TO SUBMITTING TO THE OFFICE OF THE STATE FIRE MARSHAL, ALL SUBMITTALS SHALL BE AS FOLLOWS: - SPECIALTY (CA Licensed) ENGINEER MUST STAMP AND WET-SIGN DRAWINGS INCLUDING SUPPORTING CALCULATIONS. - AFFIX SHOP DRAWING STAMP INDICATING COORDINATION BETWEEN THE DEFERRED SUBMITTAL AND APPROVED DRAWINGS IS COMPLETE. THE DEFERRED SUBMITTAL ITEMS SHALL NOT BE INSTALLED UNTIL THE DESIGN AND SUBMITTAL DOCUMENTS HAVE BEEN APPROVED BY THE OFFICE OF THE STATE FIRE MARSHAL. APPROVAL FOR THE ELEMENTS OF THE DESIGN LISTED BELOW IS DEFERRED UNDER THE PROVISION OF 2025 CBC 107.3.4.1. - FIRE ALARM ARCHITECT AND/OR ENGINEER OF RECORD: AFFIX SHOP DRAWING STAMP INDICATING SUBMITTAL HAS BEEN REVIEWED AND FOUND TO BE IN GENERAL CONFORMANCE TO THE DESIGN.	2025 BUILDING STANDARDS ADMINISTRATIVE CODE, PART 1, TITLE 24 C.C.R. 2025 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 C.C.R. (2024 INTERNATIONAL BUILDING CODE & 2024 CALIFORNIA AMENDMENTS) 2025 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 C.C.R. (2023 NATIONAL ELECTRICAL CODE AND 2024 CALIFORNIA AMENDMENTS) 2025 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 C.C.R. (2024 UNIFORM MECHANICAL CODE AND 2024 CALIFORNIA AMENDMENTS) 2025 CALIFORNIA ENERGY CODE (CEC), PART 6, TITLE 24 C.C.R. 2025 CALIFORNIA FIRE CODE, PART 9, TITLE 24 C.C.R. (2024 INTERNATIONAL FIRE CODE AND 2024 CALIFORNIA AMENDMENTS) 2025 CALIFORNIA GREEN BUILDING STANDARDS CODE (CALGREEN), PART 11, TITLE 24 C.C.R. 2025 CALIFORNIA REFERENCED STANDARDS, PART 12, TITLE 24 C.C.R. - TITLE 19 C.C.R., PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS. <u>PARTIAL LIST OF APPLICABLE STANDARDS</u> <table border="1"> <tr> <td>1.</td> <td>NFPA 13</td> <td>AUTOMATIC SPRINKLER SYSTEMS (CA AMENDED)</td> <td>2025 EDITION</td> </tr> <tr> <td>2.</td> <td>NFPA 14</td> <td>STANDPIPE SYSTEM (CA AMENDED)</td> <td>2024 EDITION</td> </tr> <tr> <td>3.</td> <td>NFPA 17a</td> <td>WET CHEMICAL SYSTEMS</td> <td>2024 EDITION</td> </tr> <tr> <td>4.</td> <td>NFPA 20</td> <td>STATIONARY PUMPS</td> <td>2025 EDITION</td> </tr> <tr> <td>5.</td> <td>NFPA 24</td> <td>PRIVATE FIRE MAINS (CA AMENDED)</td> <td>2025 EDITION</td> </tr> <tr> <td>6.</td> <td>NFPA 72</td> <td>NATIONAL FIRE ALARM CODE (CA AMENDED)</td> <td>2025 EDITION</td> </tr> <tr> <td>7.</td> <td>NFPA 2001</td> <td>CLEAN AGENT FIRE EXTINGUISHING SYSTEMS W/ CA AMENDMENTS</td> <td>2025 EDITION</td> </tr> <tr> <td>8.</td> <td>NFPA 101</td> <td>LIFE SAFETY CODE</td> <td>2024 EDITION</td> </tr> </table>	1.	NFPA 13	AUTOMATIC SPRINKLER SYSTEMS (CA AMENDED)	2025 EDITION	2.	NFPA 14	STANDPIPE SYSTEM (CA AMENDED)	2024 EDITION	3.	NFPA 17a	WET CHEMICAL SYSTEMS	2024 EDITION	4.	NFPA 20	STATIONARY PUMPS	2025 EDITION	5.	NFPA 24	PRIVATE FIRE MAINS (CA AMENDED)	2025 EDITION	6.	NFPA 72	NATIONAL FIRE ALARM CODE (CA AMENDED)	2025 EDITION	7.	NFPA 2001	CLEAN AGENT FIRE EXTINGUISHING SYSTEMS W/ CA AMENDMENTS	2025 EDITION	8.	NFPA 101	LIFE SAFETY CODE	2024 EDITION	6 Project RIVERSIDE LAB FIRE ALARM REPLACEMENT, RIVERSIDE FORENSIC LABORATORY
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1. IT IS EXPECTED THAT THE BIDDER WILL BE A QUALIFIED CONTRACTOR WITH RECENT, RELEVANT EXPERIENCE WITH PROJECTS OF SIMILAR SIZE AND SCALE, AND UTILIZE THEIR QUALIFICATIONS AND EXPERIENCE TO PROVIDE A COMPLETE AND ACCURATE BASE BID.	A MINIMUM OF 72 HOURS NOTICE WILL BE PROVIDED TO THE STATE FIRE MARSHAL WHEN SCHEDULING ANY TESTS OR INSPECTIONS.	REFERENCE CODE SECTION FOR NFPA STANDARDS ARE IN 2025 CBC CHAPTER 35 OR 2025 CFC CHAPTER 80. SEE CHAPTER 35 FOR STATE OF CALIFORNIA AMENDMENTS TO NFPA STANDARDS.	DGS PROJECT # DGS000000XXXXX SFM FAC #XX-XX-X-XXXX				
			<table border="1"> <tr> <td>Supervisor</td> <td>Designed</td> <td>Drawn</td> <td>Checked</td> </tr> </table>	Supervisor	Designed	Drawn	Checked
Supervisor	Designed	Drawn	Checked				

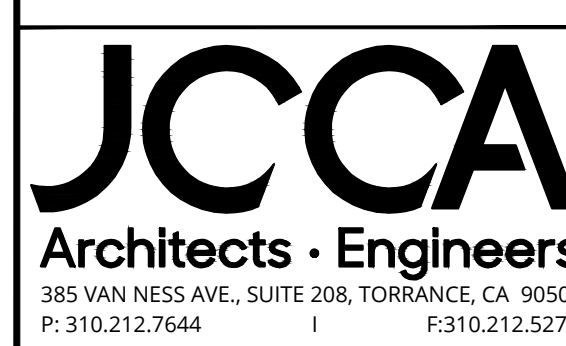
FILE: L:\02\04690-7 Fire Alarm - Riverside Forensic Lab	1. CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF CHAPTER 33 - FIRE SAFETY DURING CONSTRUCTION OF THE 2025 CALIFORNIA FIRE CODE. HAZMAT NOTE 1. THE CONTRACT IS RESPONSIBLE FOR INVESTIGATING HAZARDOUS MATERIAL AT THE AREA OF WORK INCLUDING BUT NOT LIMITED TO ASBESTOS AND LEAD, AND PROVIDING A REPORT AND ABATEMENT PLAN ACCORDING TO THE CALIFORNIA STANDARD CODE AND CALOSHA REQUIREMENTS.	REFERENCE: 2025 CALIFORNIA FIRE CODE 1. SEE OVERALL SITE PLAN FOR SITE ACCESS FOR BOTH PUBLIC RIGHT OF WAY AND LOCAL FIRE DEPARTMENT. 2. TURNAROUND CAN BE ACCOMPLISHED BY USING EXISTING SITE ROADS. SEE T0.2.	8	<table> <tr> <td colspan="2">Sheet Title TITLE SHEET</td> </tr> <tr> <td>DSA Building Number ---</td> <td>Work Order -</td> </tr> <tr> <td>Reference North </td> <td>Sheet Scale AS SHOWN Sheet Number T0.1</td> </tr> </table>	Sheet Title TITLE SHEET		DSA Building Number ---	Work Order -	Reference North 	Sheet Scale AS SHOWN Sheet Number T0.1
Sheet Title TITLE SHEET										
DSA Building Number ---	Work Order -									
Reference North 	Sheet Scale AS SHOWN Sheet Number T0.1									

DGS
GENERAL SERVICES

Department of General Services

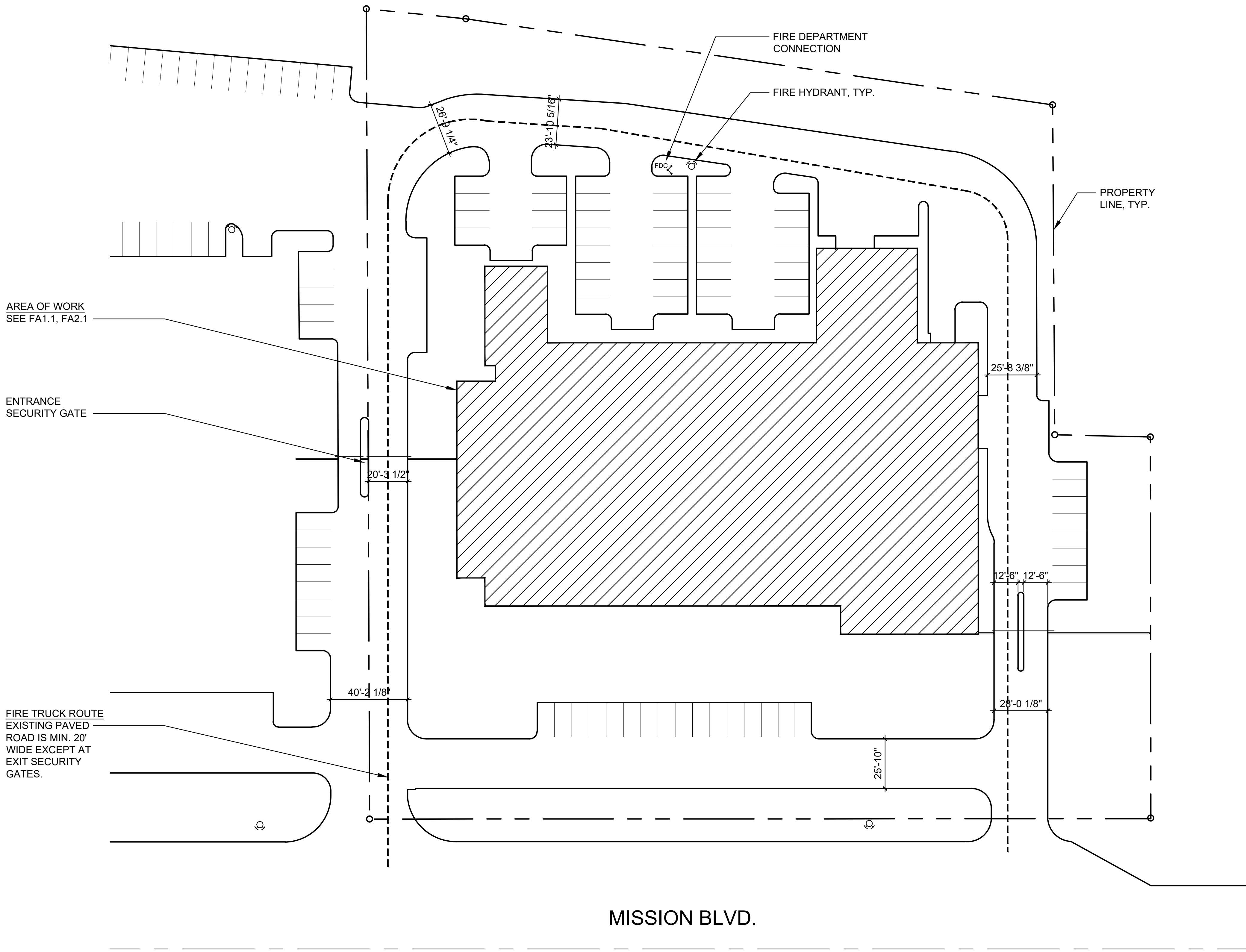
State of California
Facilities Management Division

707 Third Street
West Sacramento, California 95605

[illegible]

Project			
RIVERSIDE LAB FIRE ALARM REPLACEMENT, RIVERSIDE FORENSIC LABORATORY			
7425 MISSION BLVD RIVERSIDE, CA 92509			
DGS PROJECT # DGS000000XXXXX SFM FAC #XX-XX-X-XXXX			
Supervisor	Designed	Drawn	Checked
-	-	-	-
File Date		Vault File Number	
05/13/2026		-	
Sheet Title			
TITLE SHEET			
DSA Building Number		Work Order	
---		--	
Reference North		Sheet Scale	
		AS SHOWN	
		Sheet Number	
		T0.1	

BUILDING INFORMATION																				
BUILDING NAME	BUILDING CODE	OCCUPANCY GROUP	CONSTRUCTION TYPE	NUMBER OF STORIES	BUILDING HEIGHT	BUILDING AREA IN SQ. FT.	AREA OF PROJECT	USE	ALLOWABLE AREA (CBC TABLE 506.2)	ALLOWABLE STORIES (CBC TABLE 504.4)	SEPARATED / NONSEPARATED	SPRINKLER COVERAGE	FIRE ALARM	OTHER PROTECTION SYSTEM	SMOKE CONTROL SYSTEM	OCCUPANT LOAD	YEAR BUILDING CONSTRUCTED	HIGH FIRE HAZARD SEVERITY ZONE	SEISMIC JOINT	EMERGENCY RESPONDER RADIO COVERAGE
RIVERSIDE FORENSIC LABORATORY	2025 CBC	B, H-5, S-1	II-B	1	18'-9"	39,122	39,122	OFFICE, LABORATORY, VEHICLE EXAM BAY	70,000	3	SEPARATED	YES	ADDRESSABLE	NO	NO	321 (PER 2003 AS-BUILT PLANS)	1999	NO	NO	YES



1 FIRE ACCESS SITE PLAN
SCALE: 0 7.5 15 30 60 FEET 60
1" = 30'

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-124365 INC.
REVIEWED FOR
SS ☐ FLS ☐ ACS ☒
DATE: 7/7/2026

DSA STAMP

OFFICE OF THE STATE FIRE MARSHAL
APPROVED WORKING DRAWINGS PROCEED TO BID


5/22/2026
25-3867
SINCE 1885

Approval of this plan by the California State Fire Marshal is not a guarantee of the accuracy or completeness of the information provided. The State Fire Marshal is not responsible for the accuracy or completeness of the information provided. The State Fire Marshal is not responsible for the accuracy or completeness of the information provided. The State Fire Marshal is not responsible for the accuracy or completeness of the information provided.

DGS
GENERAL SERVICES

Department of General Services
State of California
Facilities Management Division
707 Third Street
West Sacramento, California 95605


REGISTERED PROFESSIONAL ENGINEER
SINCE 1927
No. 22227
Exp. 12/31/27
ELECTRICAL
STATE OF CALIFORNIA
5/14/2026

JCCA
Architects - Engineers
385 VAN NESS AVE., SUITE 208, TORRANCE, CA 90501
P: 310.212.7644 I F: 310.212.5272

Issue: XX-X-XXXX-X-XX		
No.	Date	Description
-	-	-

Project
RIVERSIDE LAB FIRE ALARM REPLACEMENT,
RIVERSIDE FORENSIC LABORATORY

7425 MISSION BLVD
RIVERSIDE, CA
92509

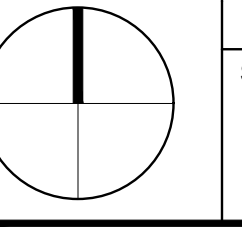
DGS PROJECT # DGS000000XXXXX
SFM FAC #XX-XX-X-XXXX

Supervisor	Designed	Drawn	Checked
-	-	-	-

File Date	Vault File Number
05/13/2026	-

Sheet Title
BUILDING INFO AND FIRE ACCESS SITE PLAN

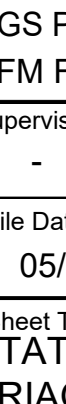
DSA Building Number	Work Order
---	-

Reference North	Sheet Scale
	AS SHOWN
	Sheet Number
	T0.2

DATE: 05/13/2026 4:44 PM 2026 05:08 PM
SCALE: 1"=30'-0" 0 7.5 15 30 60 FEET 60
FILE: C:\Users\jccca\OneDrive\Documents\Riverside Forensic Lab DO-10-2.dwg

ITEM	SUBMITTAL REQUIREMENTS	SUBMITTAL RESPONSE	REFERENCE
1	SEE FOR SPECIFIC SECTION COMMENTS	NOT APPLICABLE	-
2	PROVIDE A COMPLETE PLAN REVIEW APPLICATION	PROVIDED WITH SUBMITTAL	-
3	SUBMIT PLANS SUFFICIENT SIZE	FLOOR PLANS ARE 1/8" = 1'-0"	ALL RELEVANT SHEETS
4	PROVIDE SITE ADDRESS	7425 MISSION BLVD, RIVERSIDE, CALIFORNIA 92509	T0.1
5	PROVIDE NAME OF OWNER AND OCCUPANT	DEPARTMENT OF JUSTICE	T0.1
6	IDENTIFY IF NEW CONSTRUCTION OR T.I	T.I.	-
7	IDENTIFY IF NEW OR EXISTING TENANT SPACE	EXISTING	-
8	IDENTIFY IF DEFERRED SUBMITTAL	N/A	-
9	ADD OSFM FILE NUMBER TO TITLE SHEET	OSFM NO. NOTED ON THE TITLE SHEET (25-S-3867-FA)	T0.1
10	PROJECT IS A PHASED SUBMITTAL	PROJECT IS NOT PHASED	-
11	SLIP SHEETS SHALL BE BOUND TO SET	NOT APPLICABLE	-
12	SHEET INDEX	SHEET INDEX IS ON T0.1	T0.1
13	WET STAMP AND SIGN SHEETS	ELECTRONIC SIGNATURE PROVIDED ON DOCUMENT	ALL SHEETS
14	ELECTRONIC SIGNATURE APPROVAL REQUIRED	ELECTRONIC DOCUMENT SIGNATURE APPROVAL LETTER	ATTACHED LETTER
15	SCOPE OF WORK	SCOPE OF WORK IS INCLUDED ON TITLE SHEET	T0.1
16	PROVIDE A KEY PLAN COORDINATED TO EACH SHEET	N/A	-
17	IDENTIFY DEFERRED SUBMITTALS	N/A	-
18	PROVIDE ADOPTED CODE CYCLE LISTINGS AND STANDARDS	ADOPTED CODE CYCLE LISTINGS ARE INCLUDED ON TITLE SHEET	T0.1
19	PROVIDE A LEGIBLE SCALE. TYPICALLY 1/8"	FLOOR PLANS ARE 1/8" SCALE.	ALL RELEVANT SHEETS

ITEM	SUBMITTAL REQUIREMENTS	SUBMITTAL RESPONSE	REFERENCE
1	PROVIDE LOCAL FIRE AUTHORITY APPROVAL LETTER	SEE LETTER ATTACHED.	T0.3
2	FIRE DEPARTMENT ACCESS	SHOWN ON FIRE ACCESS SITE PLAN	T0.2
3	FIRE DEPARTMENT CONNECTION	SHOWN ON FIRE ACCESS SITE PLAN, NORTH PARKING AREA	T0.2
4	FIRE HYDRANTS	SHOWN ON FIRE ACCESS SITE PLAN	T0.2
5	FIRE ALARM ANNUNCIATOR	SHOWN ON FIRE ALARM - NEW WORK FLOOR PLAN	FA2.1
6	FIRE ALARM CONTROL PANEL	SHOWN ON FIRE ALARM - NEW WORK FLOOR PLAN	FA2.1
7	KNOX BOX/KEY SWITCH	N/A	-
8	ELEVATOR GURNEY ACCOMODATION	N/A	-
9	PROVIDE A COMPLETE FIRE ACCESS PLAN	ALL BUILDINGS ARE FIRE TRUCK ACCESSIBLE USING EXISTING ROADS	T0.2
10	OTHER	N/A	-

DGS GENERAL SERVICES				
Department of General Services				
State of California				
Facilities Management Division				
707 Third Street West Sacramento, California 95605				
CERTIFIED PROFESSIONAL ENGINEER STAG AVARESSON No. 022607 Exp. 07/29/21 ELECTRICAL STATE OF CALIFORNIA 5/14/2026				
JCCA Architects • Engineers 385 VAN NESS AVE., SUITE 208, TORRANCE, CA 90501 P: 310.212.7644 I F: 310.212.5272				
JCCA#: 2469-2				
Issue: XX-X-XXXX-X-XX				
No.	Date	Description		
-	-	-		
Project				
RIVERSIDE LAB FIRE ALARM REPLACEMENT, RIVERSIDE FORENSIC LABORATORY				
7425 MISSION BLVD RIVERSIDE, CA 92509				
DGS PROJECT # DGS000000XXXXX SFM FAC #XX-XX-X-XXXX				
Supervisor	Designed	Drawn	Checked	
	-	-	-	
File Date 05/13/2026		Vault File Number -		
Sheet Title STATE FIRE MARSHAL TRIAGE LIST				
DSA Building Number ---		Work Order --		
Reference North 		Sheet Scale AS SHOWN Sheet Number T0.3		

28. SEE DETAIL DRAWINGS FOR MOUNTING HEIGHT OF FIRE ALARM PULL STATIONS, STROBES, HORNS AND COMBINATION STROBE AND HORN.
29. APPROVED LISTED FIRE STOPPING METHODS AND MATERIALS SHALL BE APPLIED AROUND CONDUIT PENETRATIONS THROUGH FLOORS, WALLS AND CEILINGS OF ALL CORRIDORS, STAIRWAY WELLS, MECHANICAL ROOMS, EQUIPMENT ROOMS, MACHINE ROOMS, BOILER ROOMS, ELEVATOR SHAFTS, ELECTRICAL ROOM, TRANSFORMER ROOM, STORAGE, OFFICE WALLS WHICH ARE PART OF CLASSROOM WALLS AND OTHER FIRE RATED STRUCTURES REQUIRED BY CODES. ALL PENETRATION THROUGH WALL OR FLOOR/CEILING SHALL BE TREATED AS A FIRE RATED PENETRATION. PATCHING AND FILLING SHALL BE DONE USING A UL LISTED ASSEMBLY AND MATERIAL TO MATCH FIRE RATING OR MINIMUM OF 1-HR.
30. PROVIDE TAGGING ON WIRES/CABLES TO IDENTIFY THE AUDIO CIRCUITS, VISUAL CIRCUITS, POWER CIRCUITS, SLC LOOPS AND OTHER CIRCUITS.
31. FIRE ALARM SYSTEM SHALL TRANSMIT THE ALARM, SUPERVISORY AND TROUBLE SIGNAL TO AN APPROVED SUPERVISING STATION AS REQUIRED BY 2025 NFPA 72. THE SUPERVISING STATION SHALL BE LISTED AS OR SHALL MEET THE REQUIREMENTS OF 2025 NFPA 72 AT A LOCATION APPROVED BY THE STATE.
32. ALL USABLE EXISTING FIRE ALARM COMPONENTS REMOVED FROM THIS PROJECT SHOULD BE RETURNED TO THE DEPARTMENT OF JUSTICE AND OPERATIONS AREAS FOR SALVAGE. THE DEPARTMENT OF JUSTICE'S REPRESENTATIVE SHOULD BE CONSULTED TO DETERMINE IF ANY COMPONENTS ARE SALVAGEABLE.
33. INTERFACING OF EXISTING FIRE ALARM DEVICES TO THE NEW FIRE ALARM SYSTEM SHALL BE INCLUDED IN THE BIDDING. IT'S THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY ON SITE THE EXISTING FIRE ALARM SYSTEM SUCH AS THE DEVICES TO BE COMPATIBLE WITH THE NEW FIRE ALARM SYSTEM. ALL DEVICES RECEIVING POWER FROM INITIATING DEVICE CIRCUIT SHALL BE LISTED FOR USE WITH THE CONTROL UNIT. WHERE EXISTING DEVICES CONNECT TO NEW FIRE ALARM, PROVIDE LISTING.
34. DAMAGED WALLS, CEILING OR ANY STRUCTURE DUE TO CONSTRUCTION SHALL BE REPAIR AND PAINTED TO MATCH EXISTING.
35. PAINT CONDUIT TO MATCH WALLS. PAINT TO BE APPROVED BY DEPARTMENT OF JUSTICE REPRESENTATIVE.
36. ALL WORKS ARE NEW UNLESS NOTED OTHERWISE.
37. WHEN CEILING SUSPENSION SYSTEMS, EQUIPMENTS SUPPORT SYSTEM, LIGHTING FIXTURES, J-BOXES, OR OTHER ITEMS REQUIRED TO BE REMOVED TO PERFORM THE WORK, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAINTING OR REPLACING ANY BROKEN OR DAMAGED ITEMS, INCLUDING PATCHING WALLS AND PAINTING AS REQUIRED, TO BRING THE AREA TO ITS ORIGINAL CONDITION.
38. ALL FIRE ALARM CIRCUITS ARE TO BE RUN IN 3/4" EMT CONDUITS, U.O.N.. CIRCUIT SURVIVABILITY LEVEL IS PERMITTED TO BE LEVEL "0". AS PER 2025 NFPA 72 SECTION 24.3.14.4.1.
39. THE SEISMIC BRACING AND ANCHORAGE OF ELECTRICAL CONDUITS, BUS DUCT, WIREWAYS AND CABLE TRAYS (IF APPLICABLE) SHALL BE IN ACCORDANCE WITH THE "GUIDELINE FOR SEISMIC RESTRAINTS OF MECHANICAL SYSTEM AND PLUMBING PIPING SYSTEMS "PUBLISH BY SMACNA LATEST VERSION AND APPROVED BY STATE. A COPY OF THE APPROVE GUIDELINE SHALL BE PROVIDED BY THE CONTRACTOR AND BE KEEP AT THE JOB SITE AT ALL TIMES. WHERE BRACING AND ANCHORAGE DETAIL ARE NOT SHOWN ON THE DRAWINGS OR IN THE GUIDELINE, THE FIELD INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE DEPARTMENT OF JUSTICE REPRESENTATIVE.
40. CUTTING, BORING, SAWCUTTING OR DRILLING THROUGH THE EXISTING STRUCTURAL ELEMENTS TO BE DONE ONLY WHEN SO DETAILED IN THE DRAWINGS OR ACCEPTED AND WITH THE APPROVAL OF DEPARTMENT OF JUSTICE REPRESENTATIVE. CONTRACTOR SHALL PERFORM X-RAY TO AVOID CUTTING OF RE-BARS.
41. CIRCUIT BREAKER FEEDING POWER TO ANY FIRE ALARM RELATED EQUIPMENT SUCH AS FACU'S, IDENTIFIED POWER SUPPLIES, VOICE EQUIPMENT SYSTEM, ETC. BE IDENTIFIED AS TO BREAKER NUMBER, PANEL LOCATION AND MADE LOCKABLE. BREAKER HANDLE SHALL BE COLORED RED AND LABELED "FIRE ALARM". IDENTIFICATION SHALL BE SIMILAR WITH SPACE AGE "ELOCK-FA" LABEL THE PANELBOARD "FIRE ALARM CIRCUIT INSIDE" AND UPDATE DIRECTORY.
42. PROVIDE AND INSTALL FIRE RATED SLEEVE THROUGH FIRE RATED WALL AS REQUIRED. RUN SURFACE MOUNTED RACEWAY THROUGH FIRE RATED SLEEVE.
43. INSTALL SMOKE DETECTORS AT LEAST 1 FT AWAY FROM FLUORESCENT FIXTURES TO AVOID UNWANTED ALARM.
44. EXTRA CAUTION WHEN WORKING IN THIS ROOM (OXYGEN STORAGE). NO SMOKING AND USE OF FLAMMABLE DEVICES IN THIS ROOM. USE EXPLOSION PROOF SMOKE DETECTOR AND CHICO SEALANT CONDUIT ENTERING OXYGEN STORAGE ROOM.
45. CHANGES TO THE APPROVED DRAWINGS OR SPECIFICATIONS SHALL BE MADE BY AN ADDENDA OR A CHANGE ORDER APPROVED BY DEPARTMENT OF JUSTICE CONTRACTOR OFFICER.
46. AFTER COMMISSIONING OF THE NEW FIRE ALARM SYSTEM, THE EXISTING FIRE ALARM SYSTEM IS TO BE REMOVED.
47. AUDIBLE DEVICES SHALL SOUND THE CALIFORNIA UNIFORM FIRE ALARM SIGNAL IN TEMPORAL MODE.
48. VISUAL DEVICES SHALL NOT EXCEED 2 FLASHES PER SECOND AND SHALL NOT BE SLOWER THAN 1 FLASH EVERY SECOND. SYNCHRONIZATION OF STROBE IS REQUIRED.
49. ANY DISCREPANCIES BETWEEN THE DRAWING AND THE CODE RECOGNIZED STANDARDS SHALL BE BROUGHT TO THE ATTENTION OF THE INSPECTOR OF RECORDS.
50. WHERE THERE IS A CONFLICT BETWEEN THE DRAWINGS AND ANY RELEVANT CODES, THE CODE SHALL GOVERN, EXCEPT WHERE THE DRAWING INDICATE A QUALITY LEVEL SUPERIOR TO THAT SPECIFIED BY THE CODES.
51. IN THE EVENT OF CONFLICT OR DISCREPANCY IN DRAWING/PLANS, IN SPECIFICATION, BETWEEN DRAWINGS AND SPECIFICATION, BETWEEN SITE CONDITIONS AND DRAWINGS, THE CONTRACTOR SHALL PROVIDE THE MORE STRINGENT REQUIREMENTS.
52. CONTRACTOR WHEN PROVIDING THE BID PROPOSAL SHALL CONSIDER THAT SOME IF NOT ALL AREAS HAVE DOUBLE CEILING.
53. CONCEAL RACEWAYS AND CABLES IN FINISHED AREAS AND MAY BE EXPED IN UNFINISHED SPACES. INSTALL METAL WIRWAYS IN THE FINISHED SPACES UPON APPROVAL OF DEPARTMENT OF JUSTICE.

- DELEGATED DESIGN AND SHOP DRAWINGS
 SUBMITTAL SCOPE OF WORK

- ### LEGEND

- LEGEND NOTES:

- | | | | |
|--------------|--------------------------------------|--------|--------------------------------|
| ADMIN. ARCH. | AMPERE ADMINISTRATION ARCHITECTURE | KVA | KILOVOLT-AMPERE |
| AFF. | ABOVE FINISHED FLOOR | KW | KILOWATTS |
| AWG. | AMERICAN WIRE GAUGE | | |
| AH | AMPERE HOUR | L | LENGTH |
| AVC | AIR CONDITIONING | | |
| ANN. | ANNUNCIATOR | MECH. | MECHANICAL |
| | | MISC. | MISCELLANEOUS |
| BLDG | BUILDING | MAX. | MAXIMUM |
| | | MIN. | MINIMUM |
| CD | CANDELA | MFR. | MANUFACTURER |
| CB | CIRCUIT BREAKER | MM. | MILLIMETER |
| C | CONDUIT | MM | MONITOR MODULE |
| C.O. | CONDUIT ONLY | MED | MEDICAL |
| CKT | CIRCUIT | (N) | NEW |
| CKT. BRK. | CIRCUIT BREAKER | N.I.C. | NOT IN CONTRACT |
| CM | CONTROL MODULE | N.O. | NUMBER |
| COMM | COMMUNICATION | N.O. | NORMALLY OPEN |
| CONC. CORR. | CONCRETE CORRIDOR | N.C. | NORMALLY CLOSED |
| | | NCA | NETWORK CONTROL |
| DWG. | DRAWINGS | | ANNUNCIATOR |
| DEPT. | DEPARTMENT | N/O | NORMALLY OPEN |
| DD | DUCT DETECTOR (SMOKE) | N/C | NORMALLY CLOSE |
| (E) | EXISTING | NAC | NOTIFICATION APPLIANCE CIRCUIT |
| EOR | ENGINEER OF RECORD | | |
| EOL | END OF LINE RESISTOR | P | POLE, PHASE |
| | | PB | PULL BOX |
| EQUIP. | EQUIPMENT | PR | PAIR |
| ELECT. | ELECTRICAL | PNL | PANEL |
| EMERG. | EMERGENCY | PIV | POST INDICATOR VALVE |
| EXT. | EXTERNAL | PVC | POLY VINYL CHLORIDE |
| | | PREP. | PREPARATION |
| FATC | FIRE ALARM TERMINAL | | |
| | CABINET | RES. | RESISTOR |
| F.A OR FA | FIRE ALARM | RM. | ROOM |
| FACU | FIRE ALARM CONTROL | RTU | ROOF TOP UNIT |
| | PANEL | | |
| FAPB | FIRE ALARM PULL BOX | STP | SHIELDED TWISTED PAIR |
| FCU | FAN COIL UNIT | SFD | SMOKE FIRE DAMPER |
| FS | FOOD SERVICE | SFL | SIGNALING LINE CIRCUIT |
| FL | FOOD | SCH | SCHEDULE |
| FIG | FLOOR | SYNC. | SYNCHRONIZE |
| FIG | FIGURE | | |
| FLEX. | FLEXIBLE | TEL | TELEPHONE |
| FT. | FEET | TYP | TYPICAL |
| FTU | FIBER TERMINATION UNIT | | |
| | | U.N.O | UNLESS NOTED OTHERWISE |
| GND | GROUND | UG | UNDERGROUND |
| HRS | HOURS | UTP | UNSHIELDED TWISTED PAIR |
| HVAC | HEATING VENTILATING AIR CONDITIONING | UL | UNDERWRITER LABORATORIES |
| | | | |
| ID | IDENTIFICATION | VOLT | VOLTAGE |
| INFO. | INFORMATION | | |
| | | W/ | WITH |
| | | WP | WEATHER PROOF |
| | | W | WIDTH |

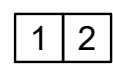
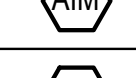
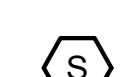
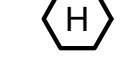
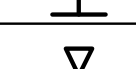
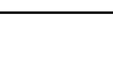
AUTOMATIC FIRE ALARM SYSTEM SHALL TRANSMIT THE ALARM, SUPERVISORY AND TROUBLE SIGNALS TO THE UL LISTED CENTRAL MONITORING AND CONTROL WORKSTATION PROVIDED AS A PART OF THIS SCOPE OF WORK AND TO BE LOCATED IN THE CONTROL ROOM. SUPERVISION OF SYSTEM ARRANGED BY DEPARTMENT OF JUSTICE.

$$\text{FORMULA} = \frac{(\text{WIRE O.D.})^2 \times \text{WIRE QTY.} \times 100}{(\text{CONDUIT I.D.})^2} = \% \text{ FILL}$$


1

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Reference North 	Sheet Scale AS SHOWN
	Sheet Number FA0.1

SYMBOL OR ABBREV.	MODEL NO.	DESCRIPTION	MANUFACTURER	BACKBOX	REMARKS
	FIREWORKS	INCIDENT MANAGEMENT COMMAND AND CONTROL PLATFORM	EST	PROVIDED	
	EST-4	FIRE ALARM CONTROL UNIT	EST		
	BPS6A	BOOSTER POWER SUPPLY	EST	PROVIDED	
	E-RLCD	LCD REMOTE ANNUNCIATOR	EST	SURFACE	
	SIGA-CR	CONTROL RELAY MODULE	EST	4"S 2-1/8" BOX	
	SIGA-CT1/CT2	INPUT/MONITOR MODULE	EST	4"S 2-1/8" BOX	
	SIGA-IM	ISOLATOR MODULE	EST	4"S 2-1/8" BOX	
	SIGA-OSD	INTELLIGENT PHOTOELECTRIC SMOKE DETECTOR	EST	ON BASE	
	SIGA-SB OR SIGA-IB	STANDARD BASE OR ISOLATOR BASE	EST	4"S 1-1/2" BOX	
	SIGA-OSHCD	INTELLIGENT MULTI-SENSOR SMOKE, HEAT, CO DETECTOR	EST	ON BASE	
	SIGA-SB	STANDARD BASE	EST	4"S 1-1/2" BOX	
	SIGA-HFD	INTELLIGENT HEAT DETECTOR	EST	ON BASE	
	SIGA-SB OR SIGA-IB	STANDARD BASE OR ISOLATOR BASE	EST	4"S 1-1/2" BOX	
	SIGA-270	ONE STAGE FIRE ALARM STATION W/ SIGA-CT1 INPUT/MONITOR MODULE	EST	SINGLE GANG BOX	
	RGS RMS-1P-KL	KEY RESET PULL STATION	EST	SINGLE GANG BOX	
	SIGA-SD	INTELLIGENT LOW-FLOW PHOTOELECTRIC DUCT DETECTOR	EST	ON DUCT	
	SD-TXX	SAMPLING TUBE (LENGTH AS REQUIRED)			
	SD-TRK	REMOTE ALARM INDICATING & TEST SWITCH	EST	4"S 1-1/2" BOX	
	G4AVRF	HORN/STROBE 15-110 CD SELECTABLE CANDELLA (WALL MOUNTED)	EST	4"S BOX	
	GCAVRF	HORN/STROBE SELECTABLE, 15-110CD (CEILING MOUNTED)	EST	4"S BOX	
	WG4RF-HVMC	WEATHERPROOF HORN/STROBE 15-110 CD SELECTABLE CANDELLA (WALL MOUNTED)	EST	4"S BOX	
	G4VRF	STROBE 15-110 CD SELECTABLE CANDELLA (WALL MOUNTED)	EST	4"S BOX	
	GCVRF	STROBE 15-110 CD SELECTABLE CANDELLA (CEILING MOUNTED)	EST	4"S BOX	
	439D-10AW-R	FIRE ALARM SPRINKLER BELL 10" VIBRATING, DIODE 20-24VDC	EST	WEATHERPROOF BACKBOX	
	SIGA-CR MR-100 SERIES	HVAC SHUTDOWN CONTROL CIRCUIT	EST	SCREW COVER ENCLOSURE, SIZED AS REQUIRED	
	WFD	SPRINKLER WATER FLOW SWITCH	SYSTEM SENSOR		
	OSY2	TAMPER SWITCH	SYSTEM SENSOR		

KEYNOTES:

- 1 WHERE FLOW SWITCH/TAMPER SWITCHES ARE INDICATED ON DRAWINGS PROVIDE COMPLETE WITH ALL REQUIRED MODULES AND OUTDOOR BELL. REFER TO DETAIL 8/FA0.4 AND DETAIL 6/FA0.4 AND 7/FA0.4. ASSUME NEW POWER SUPPLY REQUIRED FOR ALL SPRINKLER BELLS.
- 2 PROVIDE SYNCHRONIZATION AND ACTIVATION MODULES FOR ALL BOOSTER POWER SUPPLIES.
- 3 SEE SHEET FA0.5 DETAIL 2.

FIRE ALARM SEQUENCE OF OPERATION

DEVICE ACTIVITY	SYSTEM OUTPUT			CONTROL UNIT ANNUNCIATION				NOTIFICATION				REQ. FIRE SAFETY	SUPP.
	ACTUATE ALARM SIGNAL	ACTUATE ALARM SIGNAL	ACTUATE ALARM SIGNAL	ACTUATE COMMON SUPERVISORY SIGNAL	ACTUATE ALARM SIGNAL	ACTUATE ALARM SIGNAL	ACTUATE ALARM SIGNAL	SEND FIRE ALARM SIGNAL TO MONITORING STATION	SEND SUPERVISORY SIGNAL TO MONITORING STATION	RELEASE SIGNAL TO FIELD SMOKE DETECTOR	ACTUATE FIRE ALARM SIGNAL TO MONITORING STATION	ACTUATE FIRE ALARM SIGNAL TO MONITORING STATION	
MANUAL PULL STATION	X	X					X	X	X		X	X	X
AREA SMOKE DETECTOR	X	X					X	X	X		X	X	X
HEAT DETECTOR	X	X					X	X	X		X	X	X
DUCT DETECTOR			X	X				X		X	X	X	
WATER FLOW SWITCH	X	X					X	X	X		X		X
SPRINKLER TAMPER SWITCH			X	X				X		X		X	
FIRE PUMP RUNNING	X	X										X	
FIRE PUMP TROUBLE			X	X								X	
FIRE ALARM SYSTEM LOW BATTERY					X	X		X	X				
DEVICE DISCONNECTION, GROUND, OPEN, SHORT					X	X		X		X	X		
FACU POWER FAILURE					X	X				X	X		
NOTIFICATION APPLIANCE CIRCUIT SHORT					X	X				X			

BLANK BOXES INDICATE NOT APPLICABLE

FIRE ALARM WIRE LEGEND

SYMBOL	DEVICE/FUNCTION	CONDUCTOR COLOR		WIRE IN CONDUIT
		INSULATION	JACKET	
V	VISUAL NOTIFICATION DEVICES	RED/BLACK	RED	12/2 SOLID COPPER CONDUCTORS, UNSHIELDED WITH AN OVERALL JACKET
Z	BLDG. INTERIOR (ADDRESSABLE LOOP) ADDRESSABLE INITIATING CIRCUIT LOOP	RED/BLACK	RED	2 CONDUCTOR #16 FPL SOLID TWISTED/UNSHIELDED WEST PENN #D990
P	POWER SUPPLY DEVICE - 24VDC	RED/BLACK	RED	2#12 STRANDED TYPE THHN
N	NETWORKING CIRCUIT BETWEEN FACUS		BLACK	12 STRAND SINGLE-MODE FIBER

NOTE: WHERE GRAPHIC ANNUNCIATORS ARE REQUIRED, PROVIDE ADDITIONAL FIBER/COPPER MODULE IN FACU AS REQUIRED TO INTERFACE WITH THE NETWORK GRAPHIC ANNUNCIATOR.

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OFFICE OF THE STATE FIRE MARSHAL
APPROVED WORKING DRAWINGS. PROCEED TO BID

5/22/2026
25-3867

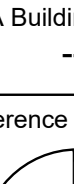
CALIFORNIA DEPARTMENT OF
FIRE PROTECTION
CAL FIRE
SINCE 1885

Approved for this plan by the authority to approve any extension or deviation from applicable codes, standards, plan approval and issuance of a permit is subject to the approval of construction documents and/or shop drawings. All construction documents and/or shop drawings shall be submitted to the SPM for final review and approval.

DGS
GENERAL SERVICES
Department of General Services
State of California
Facilities Management Division
707 Third Street
Sacramento, California 95605

JCCA
Architects • Engineers
385 VAN NESS AVE., SUITE 208, TORRANCE, CA 90501
P: 310.212.7644 I F: 310.212.5272

[illegible]

Project RIVERSIDE LAB FIRE ALARM REPLACEMENT, RIVERSIDE FORENSIC LABORATORY			
7425 MISSION BLVD RIVERSIDE, CA 92509			
DGS PROJECT # DGS000000XXXXX SFM FAC #XX-XX-X-XXXX			
Supervisor	Designed	Drawn	Checked
File Date 05/13/2026	Vault File Number -		
Sheet Title FIRE ALARM - SYMBOL LIST AND SEQUENCE OF OPERATION			
DSA Building Number ---	Work Order -		
Reference North 	Sheet Scale AS SHOWN Sheet Number FA0.2		



4 NOT USED
NOT TO SCALE



- NOTES**
- 1 DO NOT INSTALL ANY CONDUIT ON THE BOTTOM OF THE CABINET. THIS AREA IS RESERVED FOR BATTERY PLACEMENT COORDINATE SIZE WITH MANUFACTURER'S SPECS.
 - 2 THE MOUNTING HEIGHT OF THE EQUIPMENT IS FOR REFERENCE ONLY. FIELD VERIFY HEIGHT WITH I.O.R.
 - 3 ELECTRICAL CONTRACTOR SHALL CONFIRM THE DIMENSION OF ALL EQUIPMENTS PRIOR TO INSTALLATION. INSTALL WITHIN 3 FEET OF ASSOCIATED FIRE ALARM CONTROL PANEL.
 - 4 ACTUAL QUANTITY OF REMOTE POWER SUPPLIES MAY VARY @ FIELD.
 - 5 MINIMUM SIZE OF FATC NEXT TO FACP SHALL BE 18"x18"x4" U.O.N.



OFFICE OF THE STATE FIRE MARSHAL
WORKING DRAWINGS, PROCEED TO RITE



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GENERAL SERVICES

Department of General Services
State of California
Facilities Management Division
707 Third Street
West Sacramento, California 95605



JCCA
Architects • Engineers
385 VAN NESS AVE., SUITE 208, TORRANCE, CA 90501
P: 310.212.7644 | F: 310.212.5272

JCCA#: 24690-2

Issue: XX-X-XXXX-X-XX

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Project	RIVERSIDE LAB FIRE ALARM REPLACEMENT, RIVERSIDE FORENSIC LABORATORY
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7425 MISSION BLVD
RIVERSIDE, CA
92509

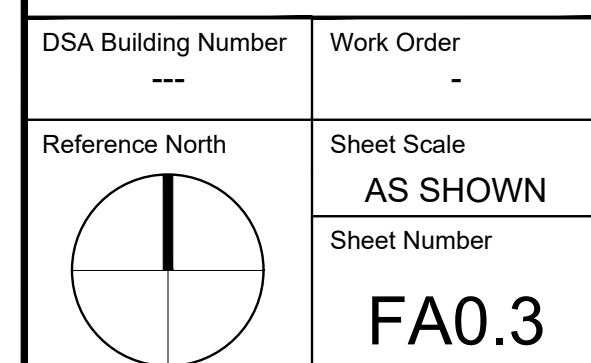
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SFM FAC #XX-XX-X-XXXX

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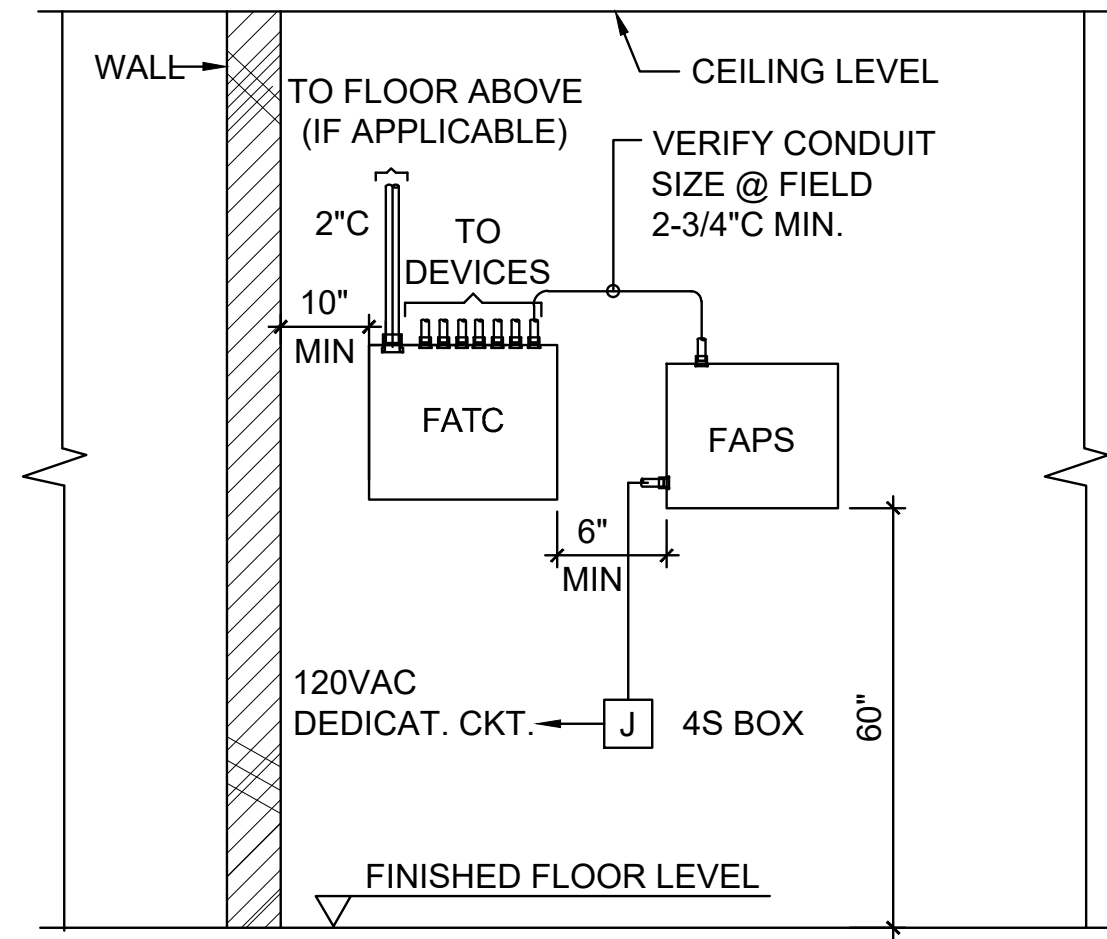
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05/13/2026	-

Sheet Title
FIRE ALARM DETAILS

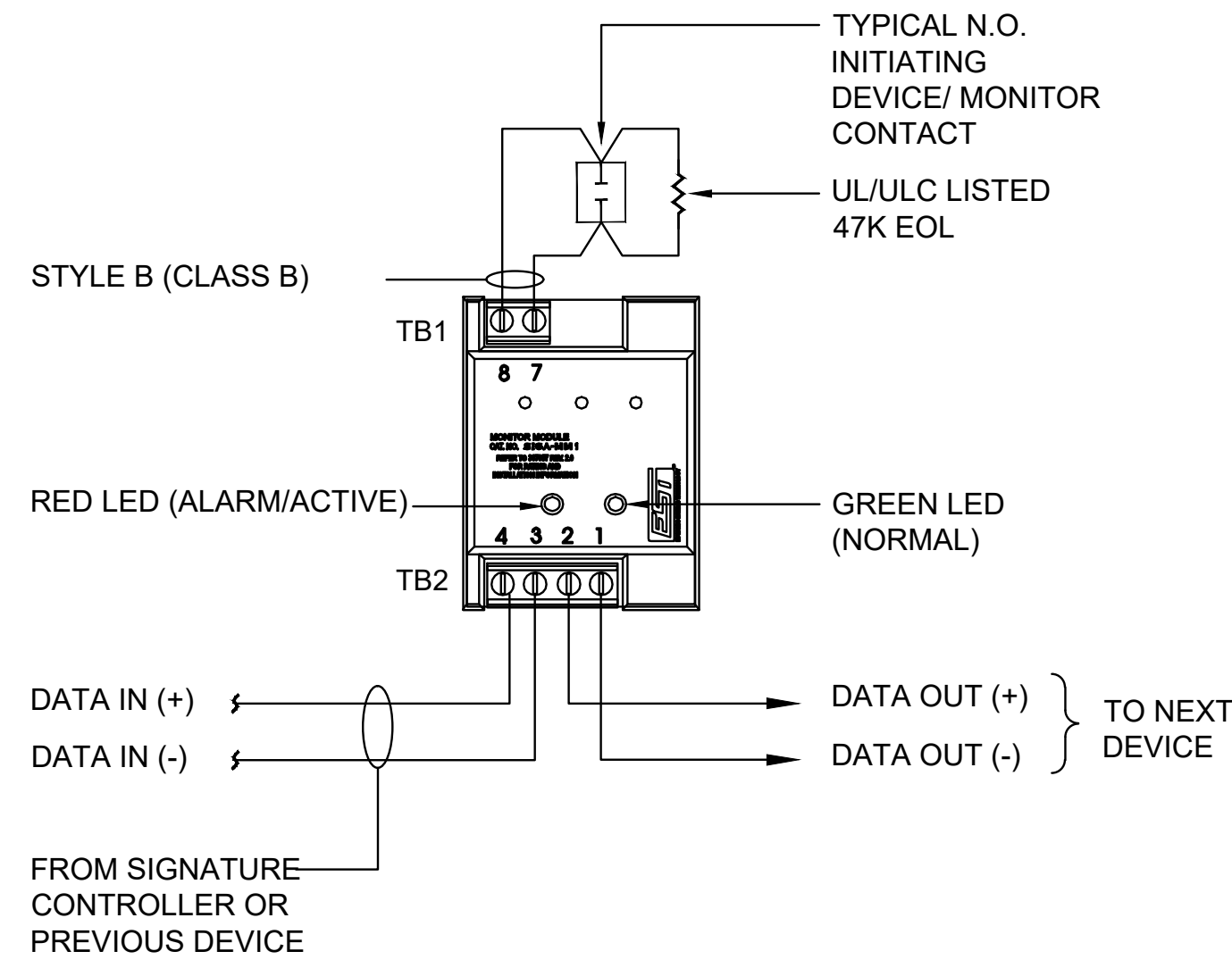
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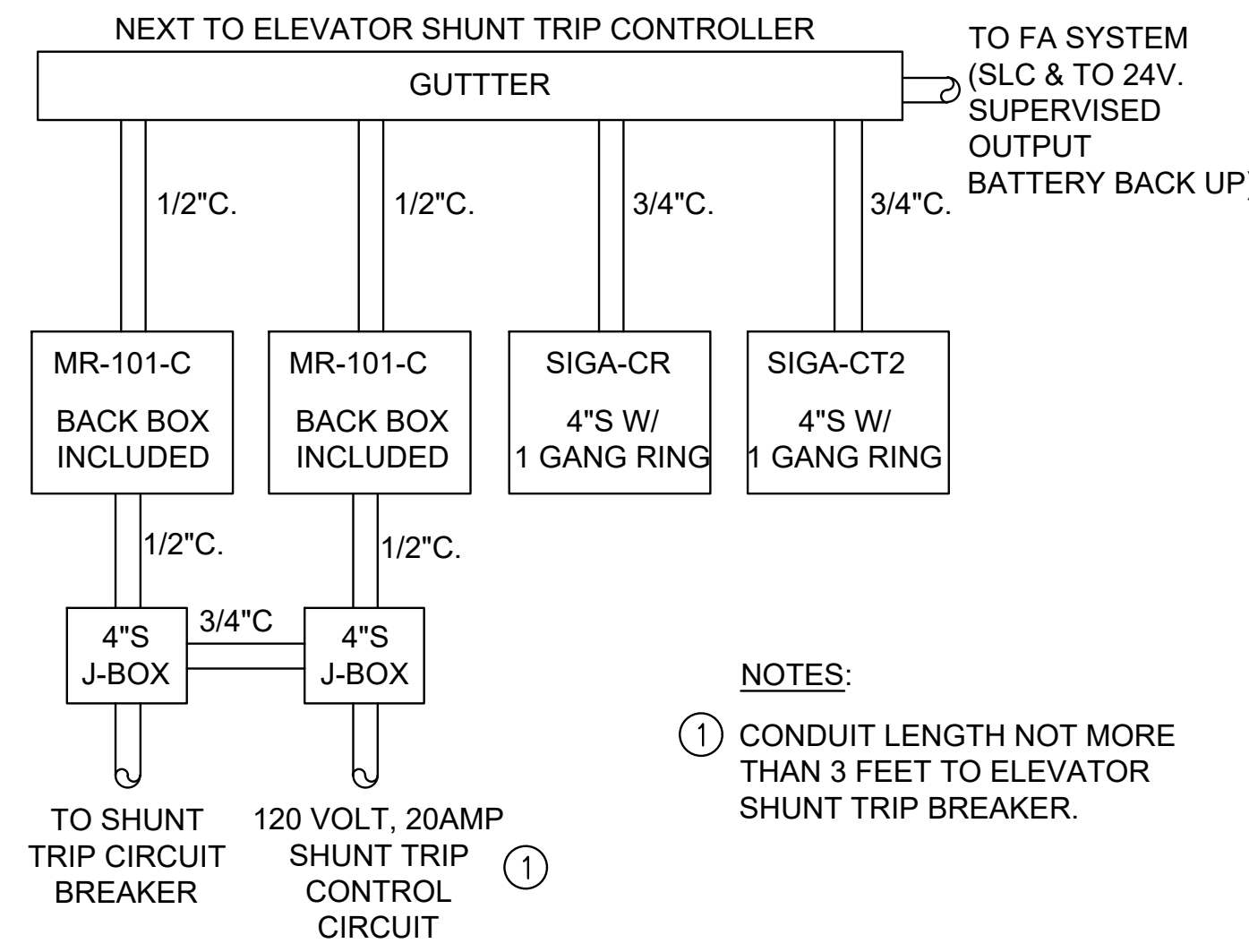
PLAN CHECK CORRECTIONS:



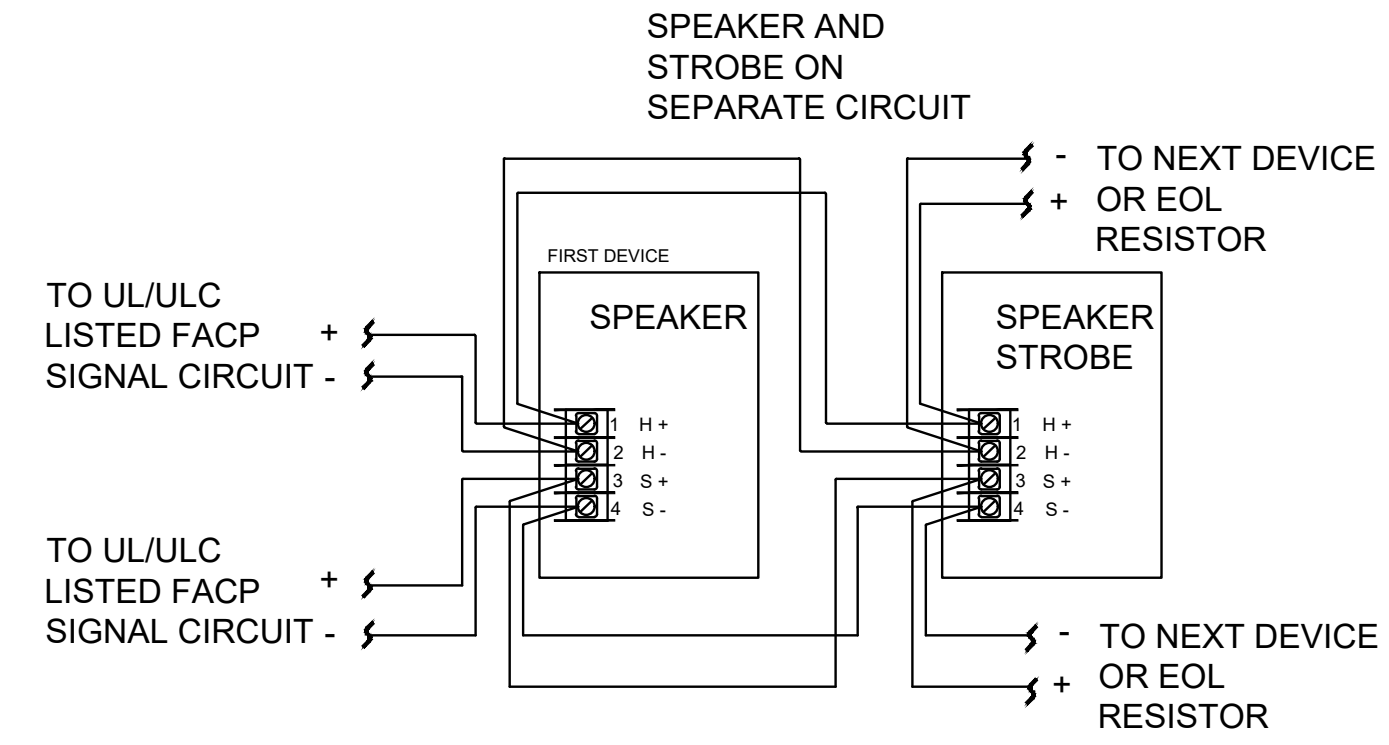
1 TYPICAL FATC/FAPS (SUGGESTED) ELEVATION DETAIL
NOT TO SCALE



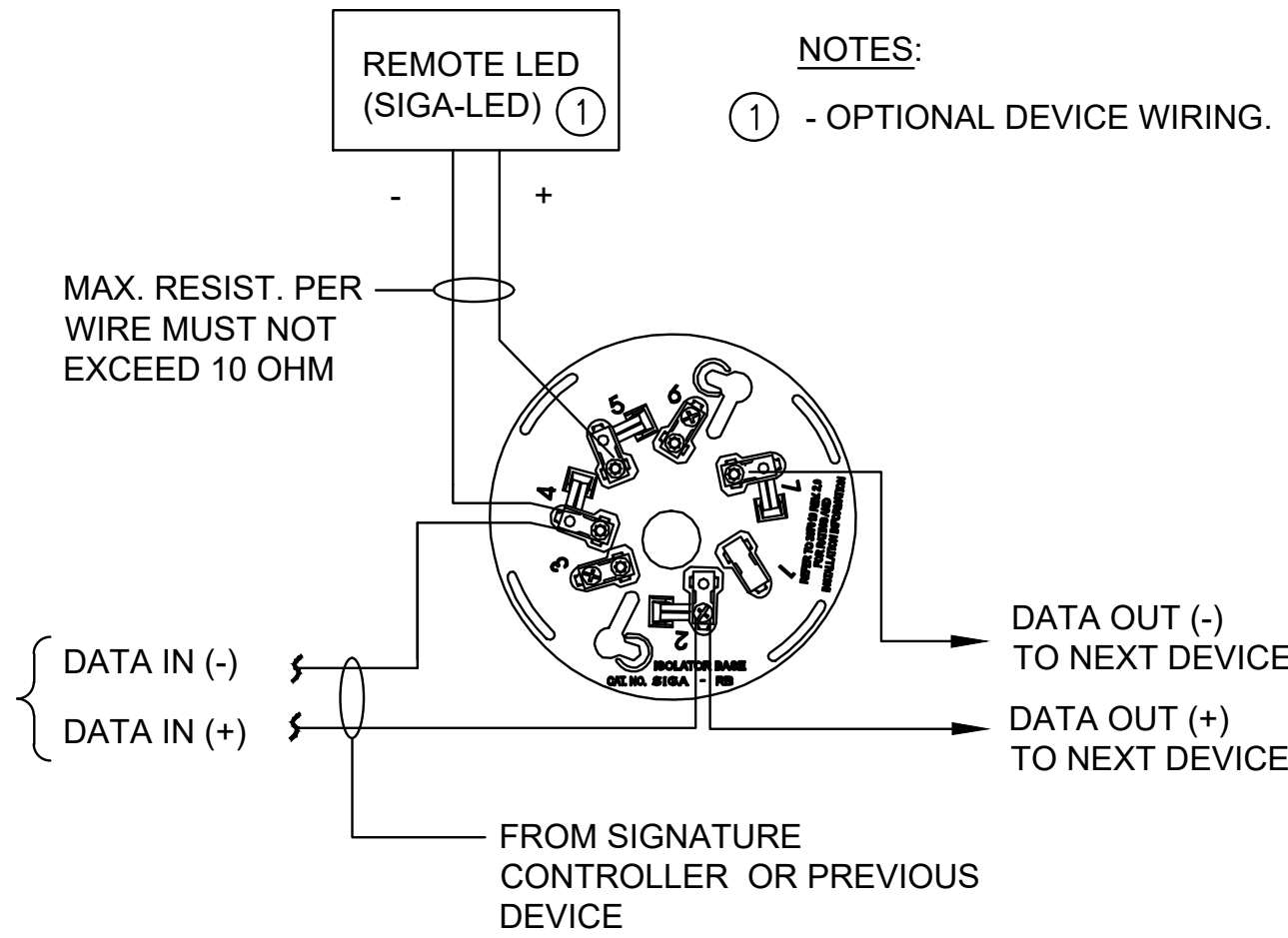
2 SINGLE INPUT MODULE (SIGA-CT1) WIRING DETAIL
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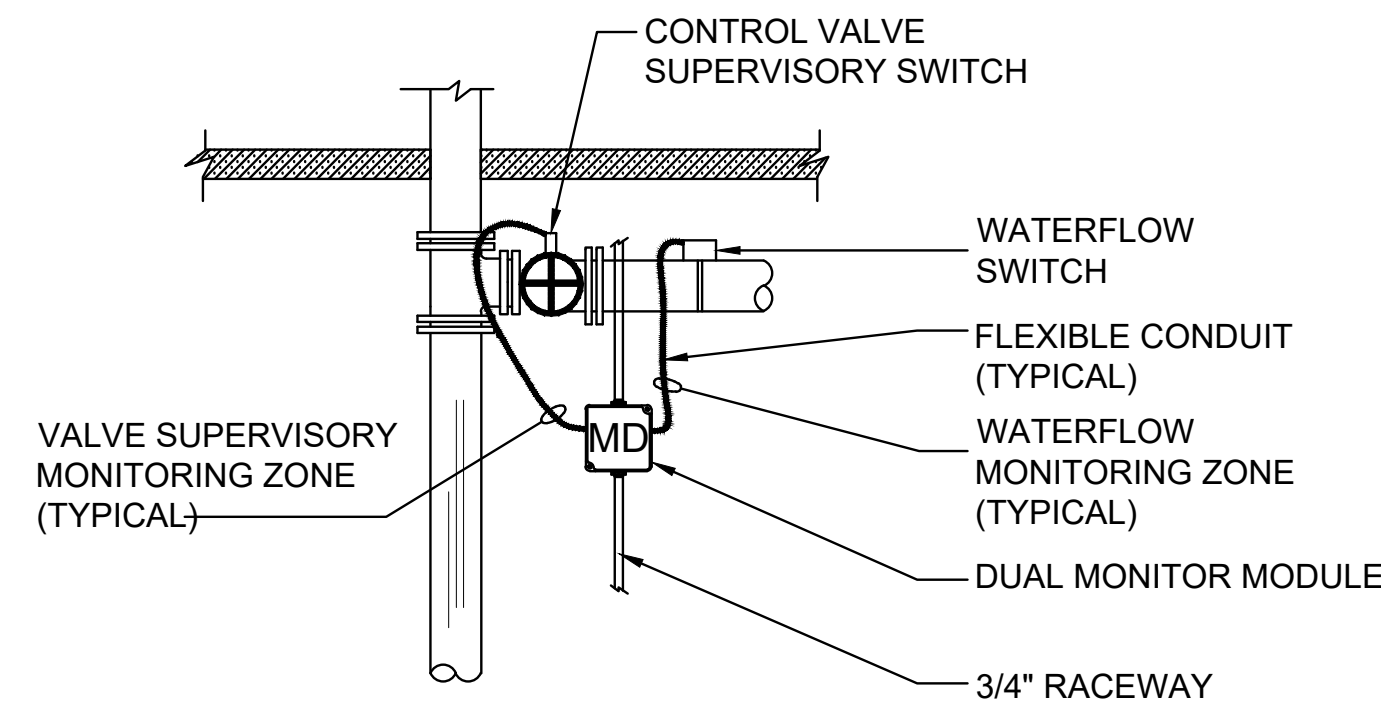
3 ISOLATION RELAY/ADDRESSABLE MODULE LAYOUT FOR SHUNT TRIP CONTROL/MONITOR DETAIL
NOT TO SCALE



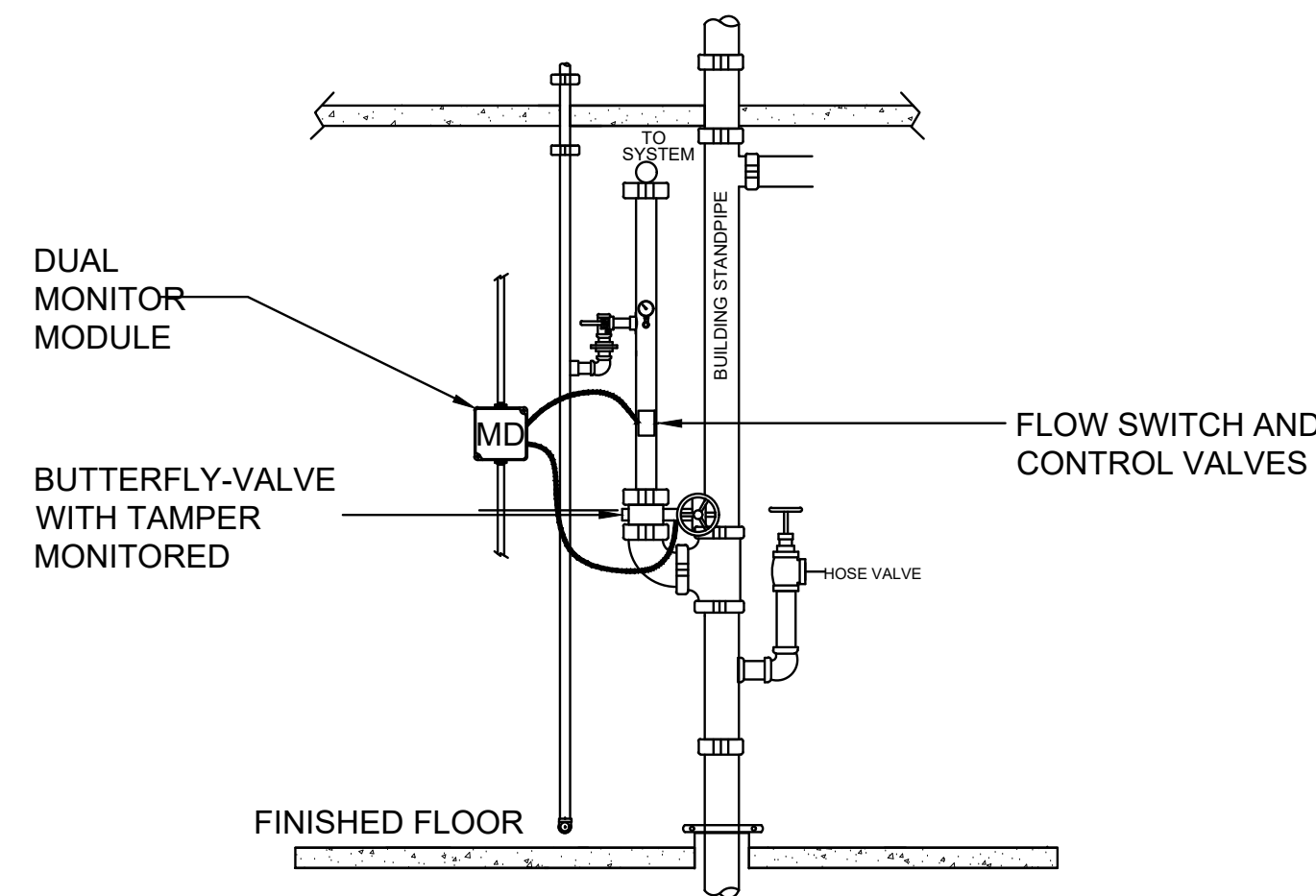
4 TYPICAL HORN STROBE WIRING DIAGRAM
NOT TO SCALE



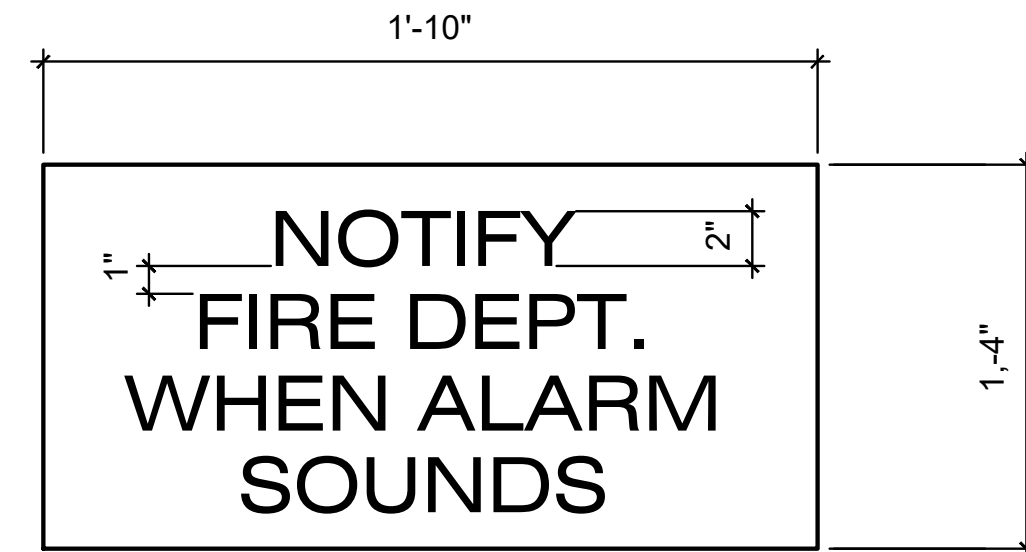
5 SMOKE DETECTOR BASE (SIGA-SB) WIRING DETAIL
NOT TO SCALE



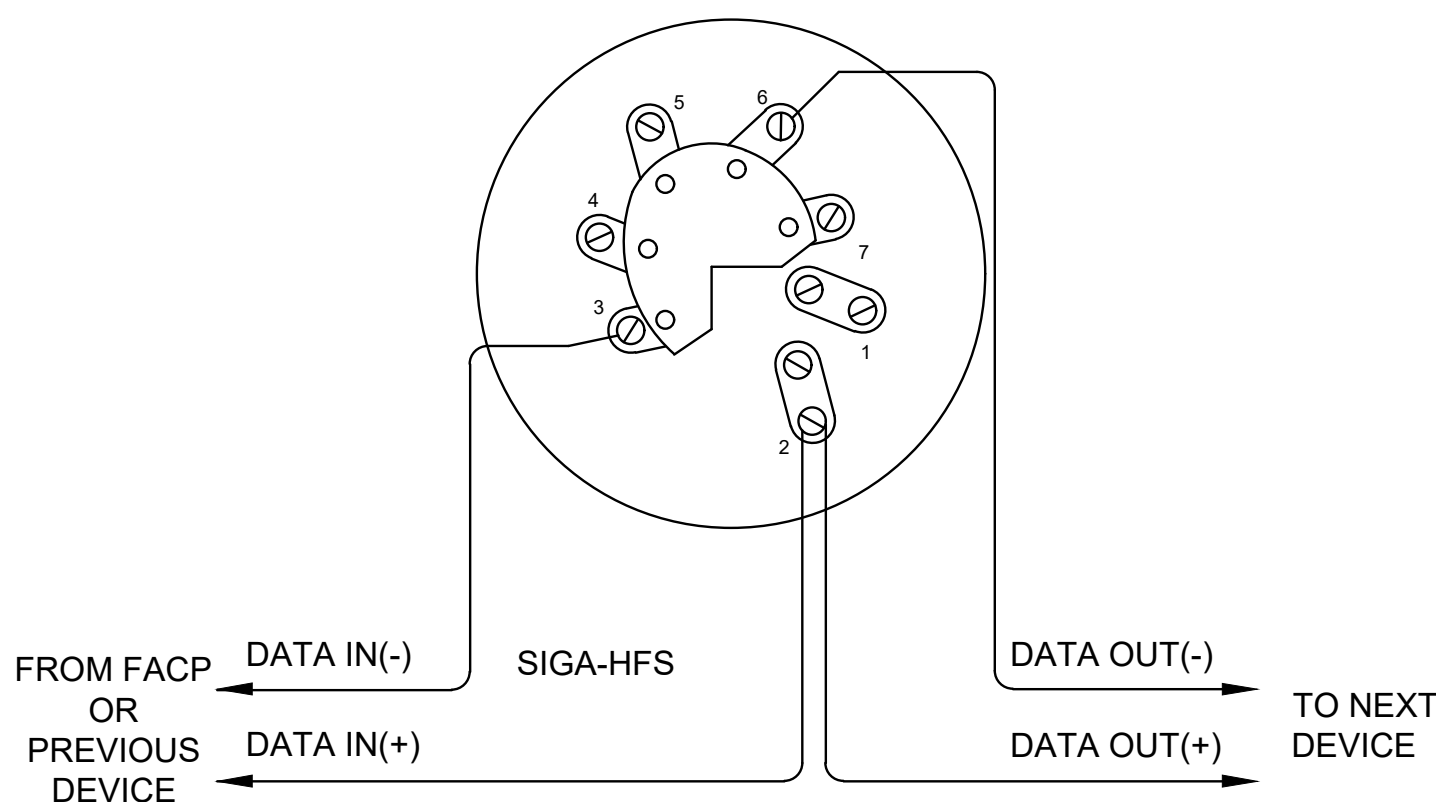
6 HORIZONTAL RISER DETAIL
NOT TO SCALE



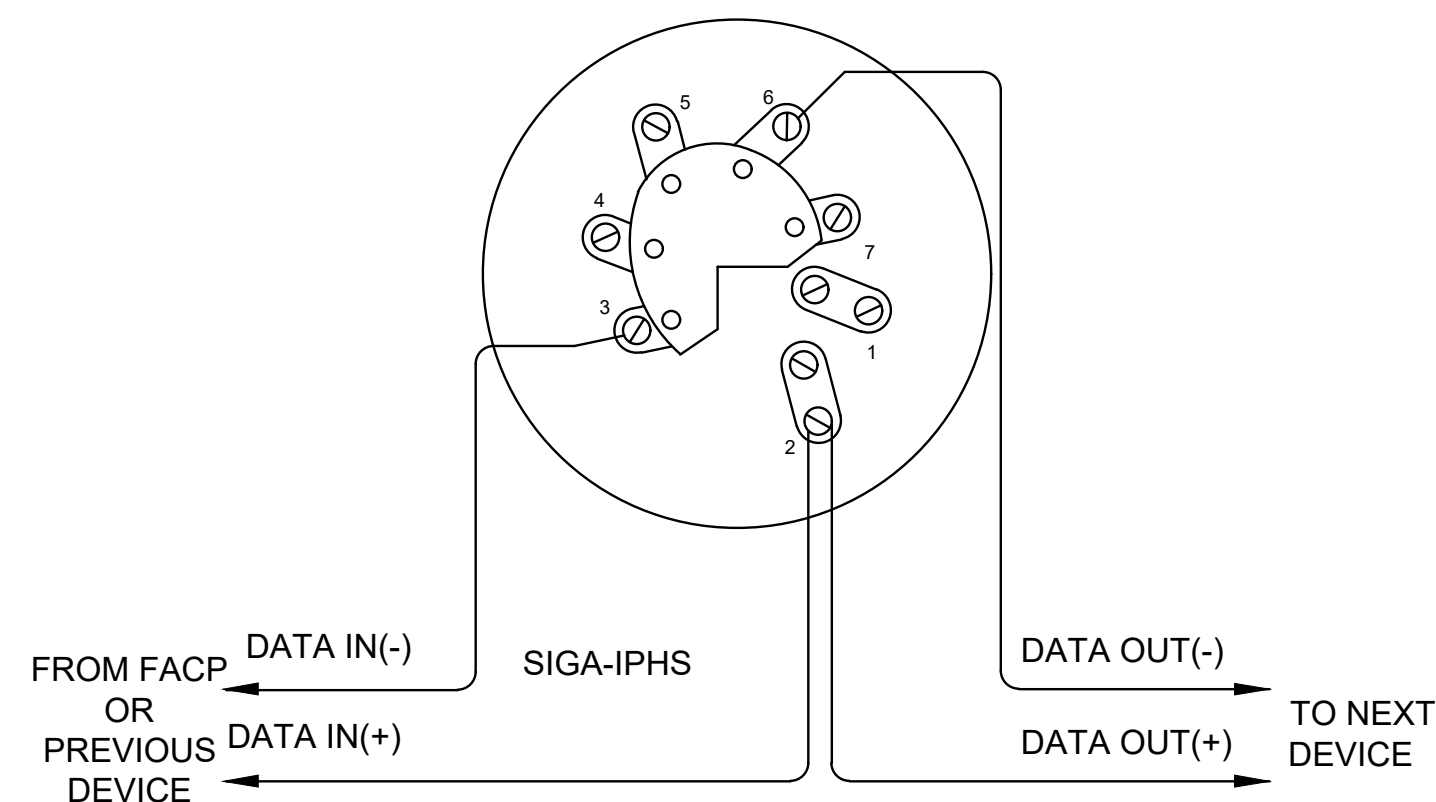
7 VERTICAL RISER DETAIL
NOT TO SCALE



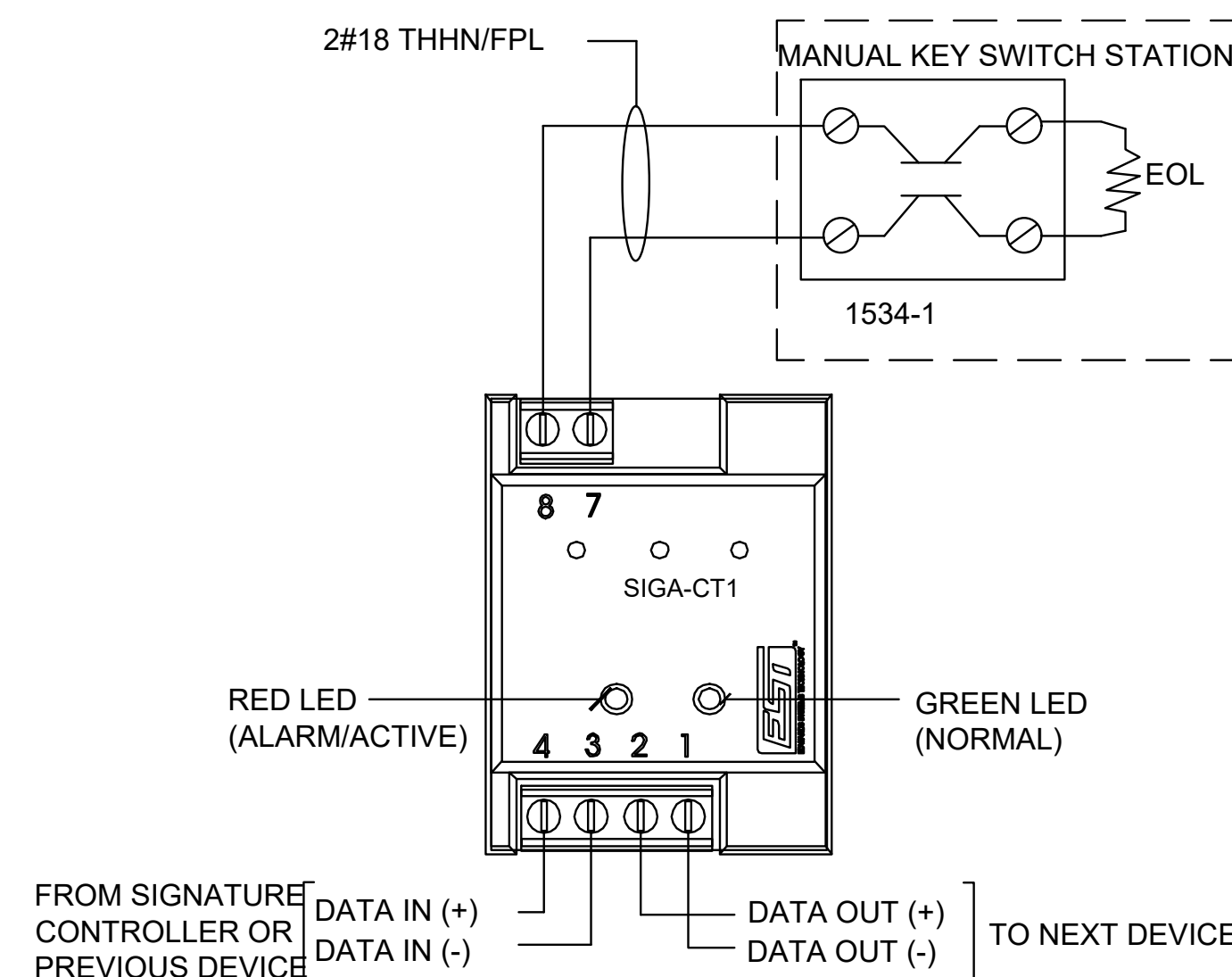
8 SIGN FOR FIRE RISER BELL
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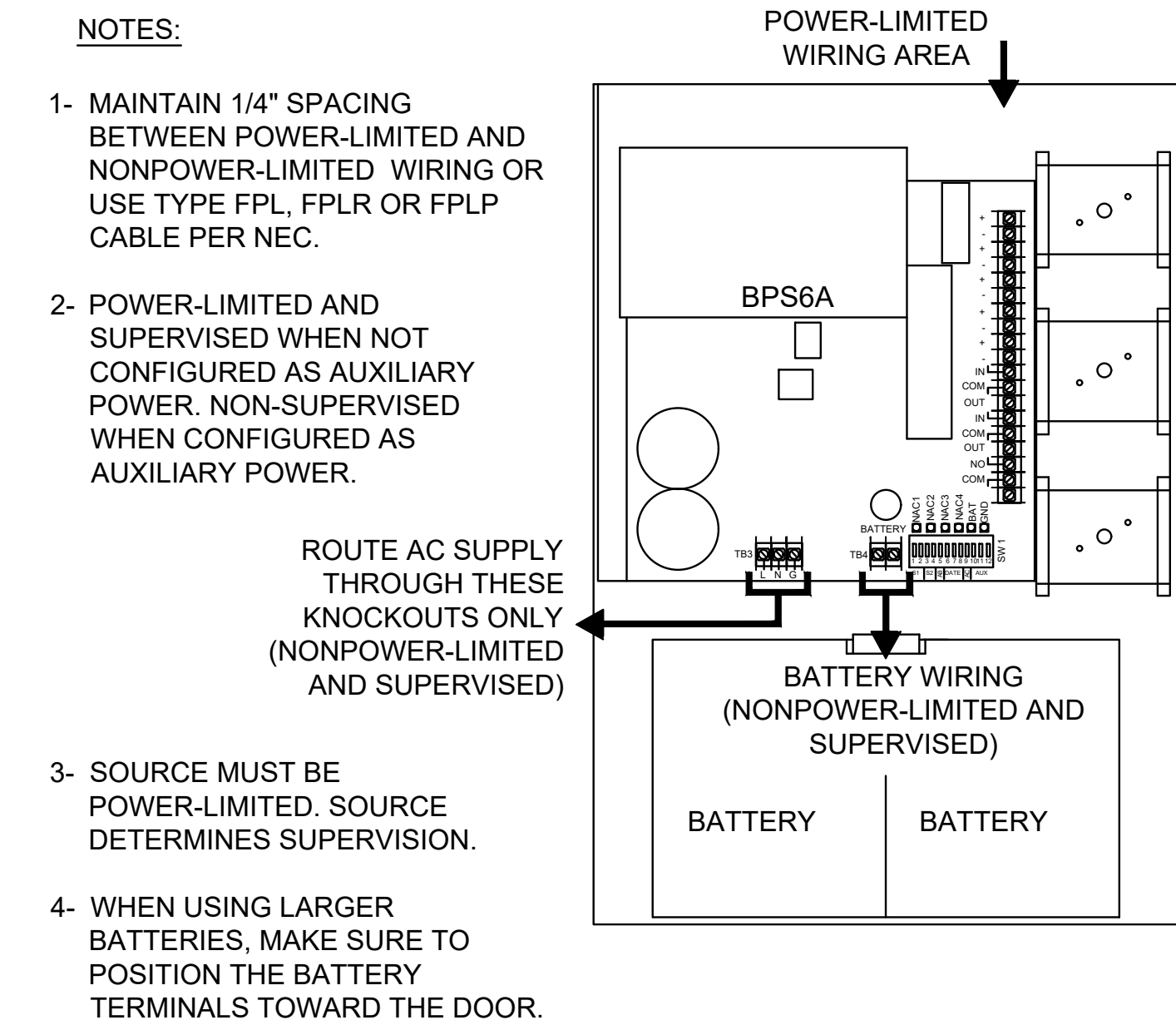
9 INTELLIGENT FT. HEAT DETECTOR BASE WIRING DIAGRAM
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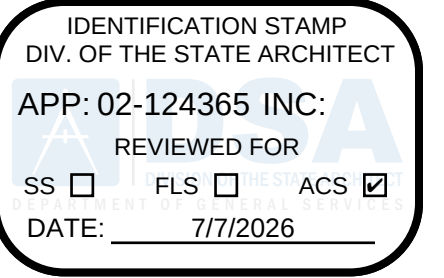
10 INTELLIGENT 4D MULTI SENSOR DETECTOR BASE WIRING DIAGRAM
NOT TO SCALE



11 MANUAL PULL STATION WITH SIGA-CT1 WIRING DIAGRAM
NOT TO SCALE



12 FAPS WIRING DETAIL
NOT TO SCALE



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Department of General Services
State of California
Facilities Management Division
707 Third Street
West Sacramento, California 95605



JCCA#: 24690-2

Issue: XX-X-XXXX-X-XX

No. Date Description

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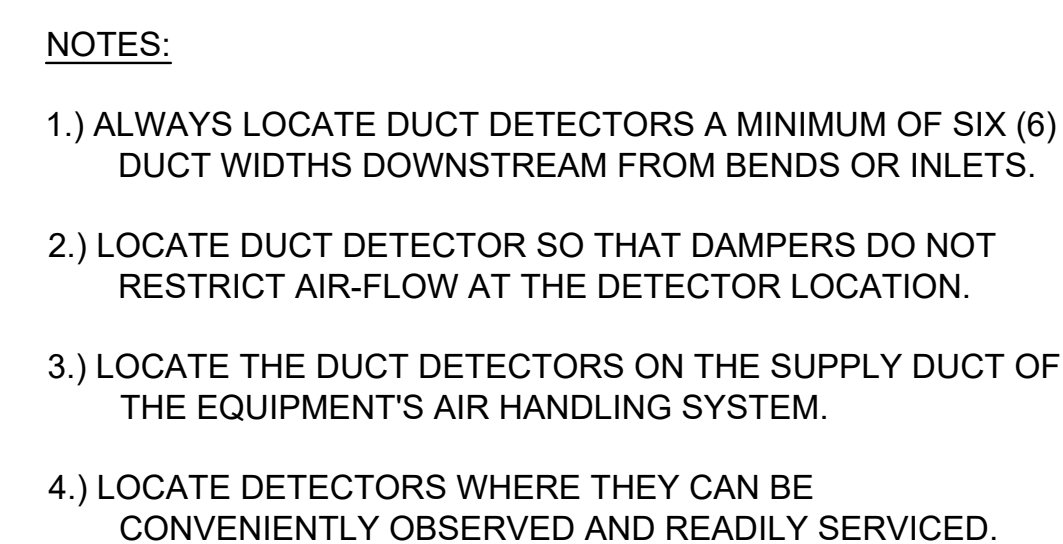
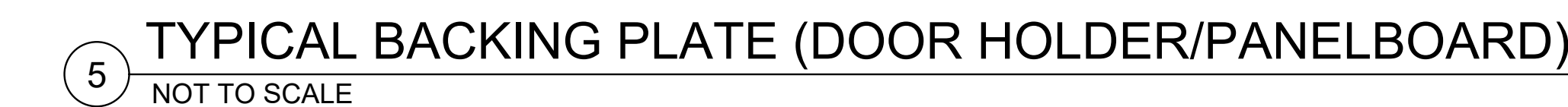
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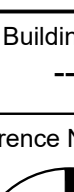
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Department of General Services

State of California
Facilities Management Division

707 Third Street
West Sacramento, California 95605

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Project RIVERSIDE LAB FIRE ALARM REPLACEMENT, RIVERSIDE FORENSIC LABORATORY			
7425 MISSISSAUGA BLVD RIVERSIDE, CA 92509			
DSGM PROJECT # DGS0000000XXXXX SFG FAC # XX-XX-X-XXXX			
Supervisor _____	Designed _____	Drawn _____	Checked _____
File Date 05/13/2026		Vault File Number -	
Sheet Title FIRE ALARM DETAILS			
DSA Building Number -		Work Order -	
Reference North 		Sheet Scale AS SHOWN	
		Sheet Number FA0.5	

1. FIRE ALARM SYSTEM SPECIFIED ON THESE PLANS CONSISTS OF ADDRESSABLE AUTOMATIC AND MANUAL SYSTEMS.
2. ALL INITIATING CIRCUITS / SIGNALING LOOP CIRCUITS (SLC) ARE CLASS "A" STYLE WIRING AND ALL NOTIFICATION APPLIANCE CIRCUITS ARE CLASS "B" STYLE WIRING.
3. WHERE THERE IS A DISCREPANCY BETWEEN QUANTITY OF DEVICES SHOWN ON FLOOR PLANS AND RISERS, THE GREATER QUANTITY SHALL BE USED FOR BIDDING PURPOSES. WHERE DIFFERENT TYPES OF DEVICES ARE SHOWN USING THE SAME ADDRESS OR CIRCUIT IDENTIFICATION, BOTH DEVICES ARE TO BE INCLUDED IN THE BID.
4. SYNCHRONIZE STROBES IN CORRIDOR OR IN SPACES WHERE TWO (2) OR MORE NOTIFICATION APPLIANCES DEVICES ARE PRESENT.

6. PROVIDE END-OF-LINE RESISTOR AT THE LAST VISIBLE AND AUDIBLE DEVICES OF EACH NOTIFICATION APPLIANCE CIRCUIT. END-OF-LINE RESISTORS SHOULD ALWAYS BE MOUNTED IN THE NEAREST FIRE ALARM TERMINAL CABINET. IF THERE IS NO FIRE ALARM TERMINAL CABINET NEARBY THEN END-OF-LINE RESISTORS CAN BE MOUNTED IN THE FIRE ALARM DEVICE. FIRE ALARM DEVICES THAT HAVE END-OF-LINE RESISTORS INSTALLED IN THEM SHOULD BE SO MARKED AND THIS MARKING SHOULD BE PERFORMED IN SUCH MANNER THAT IT IS EASILY SEEN BY MAINTENANCE PERSONNEL.
7. PROVIDE ISOLATION MODULES BETWEEN EVERY 25 INITIATING DEVICES ON THE SAME INITIATING CIRCUIT, WHERE INITIATING CIRCUITS PENETRATE THROUGH FIRE SEPARATIONS, AND WHERE INITIATING CIRCUITS ARE SHARED BETWEEN BUILDINGS TO ISOLATE EACH BUILDING. ISOLATION MODULES HAVE NOT BEEN SHOWN ON THE DRAWINGS BUT ARE REQUIRED.
8. EACH BUILDING SHALL BE PROVIDED A 12-PORT FIBER TERMINATION UNIT (FTU) COMPLETE WITH LOCKABLE ENCLOSURE. THE CLASS "A" NETWORK FIBER OPTIC CABLES SHALL LOOP IN AND OUT OF EACH BUILDING AND FACU, CONNECTED THROUGH THE FTU SERVING EACH BUILDING.
9. PROVIDE 3/4" C - 2#12 AWG + 1#12 GND FOR ANY CIRCUIT PROVIDING POWER TO A FIRE ALARM CONTROL UNIT OR FIRE ALARM POWER SUPPLY.



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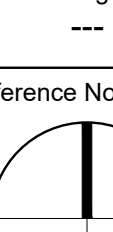
Department of General Services

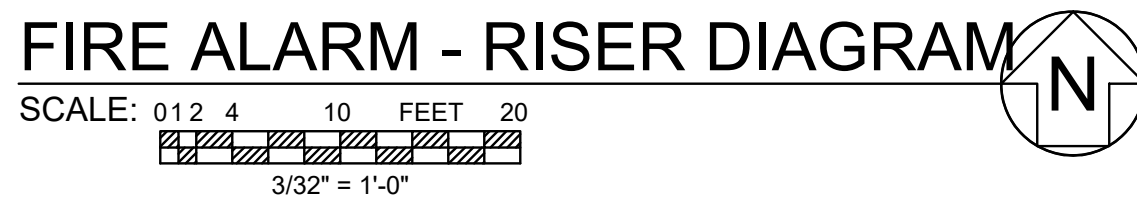
State of California
Facilities Management Division

707 Third Street
West Sacramento, California 95605


 S/14/2026

JCCA
 Architects • Engineers
 385 VAN NESS AVE., SUITE 200, TORRANCE, CA 90501
 P: 310.212.7644 I F:310.212.5272

JCCA#: 24690-2			
Issue: XX-X-XXXX-X-XX			
No.	Date	Description	
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Project			
RIVERSIDE LAB FIRE ALARM REPLACEMENT, RIVERSIDE FORENSIC LABORATORY			
7425 MISSION BLVD RIVERSIDE, CA 92509			
DGS PROJECT # DGS000000XXXXX SFM FAC #XX-XX-X-XXXX			
Supervisor	Designed	Drawn	Checked
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File Date 05/13/2026		Vault File Number -	
Sheet Title FIRE ALARM DETAILS			
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Reference North		Sheet Scale AS SHOWN	
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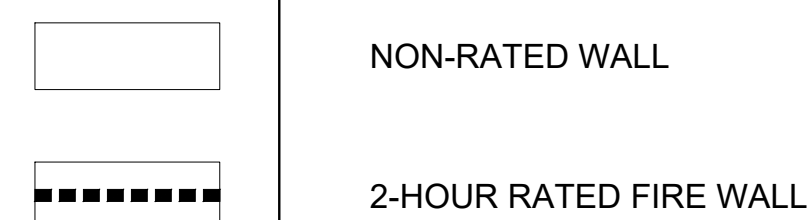


PLAN CHECK CORRECTION

GENERAL NOTES:

1. ALL FIRE ALARM WIRING SHALL BE ROUTED IN MINIMUM 3/4" CONDUIT.
2. COORDINATE FINAL LOCATIONS OF ALL FIRE ALARM CONTROL PANELS, POWER SUPPLIES, TERMINAL CABINETS AND OTHER ENCLOSURES BASED ON (E) FIELD CONDITIONS.
3. REFER TO DETAILS SHEETS FOR DETAILS PERTAINING TO TYPICAL CONDITIONS INCLUDING BUT NOT LIMITED TO DEVICE INSTALLATION HEIGHTS, WIRING DIAGRAMS AND PENETRATION REQUIREMENTS.

WALL LEGEND:



NEW WORK KEYNOTES:

- 1 PROVIDE INITIATING DEVICE.
- 2 PROVIDE NOTIFICATION APPLIANCE.
- 3 PROVIDE MANUAL PULLSTATION.
- 4 PROVIDE FIRE ALARM TERMINAL CABINET.
- 5 PROVIDE FLOW SWITCH, TAMPER SWITCH AND MONITOR MODULES AT (E) FIRE SPRINKLER RISER TO INTERFACE WITH FIRE ALARM CONTROL UNIT.
- 6 PROVIDE REMOTE BOOSTER POWER SUPPLY (FAPS) RATED 6A MINIMUM, WITH 4 OUTPUTS, AUXILIARY POWER OUTPUT, COMPLETE WITH ALL MODULES AS REQUIRED TO ACTIVATE FAPS CIRCUITS AND SYNCHRONIZES STROBES. PROVIDE NEW CIRCUIT AS NEEDED.
- 7 PROVIDE FIRE ALARM CONTROL UNIT (FACU), COMPLETE WITH ALL GRAPHIC DISPLAY, SIGNALING, NOTIFICATION, FIBER OPTIC COMMUNICATION AND AUXILIARY MODULES, POWER SUPPLIES BATTERIES AND OTHER COMPONENTS REQUIRED FOR A COMPLETE, FUNCTIONAL SYSTEM. SIZE FACU ENCLOSURE AS REQUIRED TO HOUSE COMPONENTS. PROVIDE ALL MOUNTING HARDWARE.
- 8 PROVIDE DUCT SMOKE DETECTOR IN SUPPLY AND RETURN DUCTWORK. COORDINATE WORK WITH (E) CONDITIONS AND ADJUST SIZE OF DETECTOR SAMPLING TUBE BASED ON DUCT DIMENSIONS.
- 9 PROVIDE SMOKE FIRE DAMPER.
- 10 CONNECT (E) BELL INTO NEW FIRE ALARM SYSTEM.

