



SAN MATEO-FOSTER CITY SCHOOL DISTRICT FACILITIES AND CONSTRUCTION ADDENDUM NO.2

Date: May 6, 2026

**Project: FIESTA GARDENS/TURNBULL CHILD DEVELOPMENT CENTER FIRE ALARM
UPGRADE**

Bid No.: 26-07

To Prospective Bidders:

Notice is hereby given to all prospective bidders that plans and specifications on the subject project are modified as hereinafter set forth. This addendum shall be attached to and form a part of the plans and specifications. All bidders must acknowledge receipt of this addendum on the Bid Form. In case of difference with previous addenda or communications, this addendum takes precedence.

It is the responsibility of all bidders to notify all subcontractors from whom they request bids and from whom they accept bids of all changes contained in this addendum.

CHANGES TO BID PACKAGE DOCUMENTS AND CONTRACT REQUIREMENTS

DRAWINGS

Item No. 1:

Reference: Drawing FA0.1 FIRE ALARM COVER SHEET

Description:

1. Removed Notifier DVC-EM Digital Voice Command Module and DVC-KD Key Board from equipment schedule.
2. Added programming and testing notes.

Item No. 2:

Reference: Drawing FA1.0 DEMOLITION FIRE ALARM SITE PLAN

Description:

1. Revised sheet note #3.

Item No. 3:

Reference: Drawing FA1.1 NEW FIRE ALARM SITE PLAN

Description:

1. Revised cable tags called out in the drawing.

Item No. 4:

Reference: Drawing FA2.1 NEW FIRE ALARM FLOOR PLANS

Description:

1. Revised cables call out on the floor plans.
2. Added cable schedule to the sheet.

Item No. 5:

Reference: Drawing FA3.1 NEW FIRE ALARM RISER DIAGRAM

Description:

1. Revised cable tage for new annunciator #2.
2. Added sheet note No. 7.
3. Added fiber network communication module for new annunciator.
4. Removed equipment from new FACP from the riser.

PUBLIC SCHOOL
FIRE ALARM SYSTEM
GENERAL NOTES:

- 1 THE FIRE ALARM SYSTEM SHALL CONFORM TO ARTICLE 760, CA ELEC. CODE. WIRING MUST BE LISTED FOR USE AS REQUIRED BY TITLE 24/CEC, ARTICLE 760.
- 2 WIRE USED IN WET LOCATIONS SHALL BE OF AN APPROVED TYPE IN ACCORDANCE WITH 3-310-8, T24/CEC (I.E., THHW OR EQUAL).
- 3 UNDERGROUND AND EXTERIOR CONDUITS TO HAVE WATERTIGHT FITTINGS AND WIRES APPROVED FOR WET LOCATION.
- 4 ALL CONDUCTORS SHALL BE ROUTED IN CONDUIT UNLESS SPECIFICALLY NOTED OTHERWISE ON PLANS. MINIMUM CONDUIT SIZE SHALL BE 3/4".
- 5 THE CONDUIT AND WIRE SHOWN ON THESE PLANS ARE SHOWN DIAGRAMMATICALLY. EXACT LOCATIONS SHALL BE DETERMINED IN THE FIELD TO SUIT FIELD CONDITIONS. "AS-BUILT" PLANS SHALL BE MAINTAINED AND BE PROVIDED AS REQUIRED BY THE PROJECT INSPECTOR OF RECORD.
- 6 PENETRATIONS OF FIRE RATED WALLS SHALL BE PROTECTED IN ACCORDANCE WITH CALIFORNIA BUILDING CODE, CHAPTER 7, TITLE 24.
- 7 ALL DEVICES SHALL BE "CSFM" LISTED.
- 8 EXTERIOR DEVICES SHALL BE LISTED FOR EXTERIOR USE BY "CSFM."
- 9 AUDIBLE ALARM PRODUCED BY THE FIRE ALARM SYSTEM SHALL BE CAPABLE OF PRODUCING A DISTINCTIVE THREE-PULSE TEMPORAL PATTERN FIRE ALARM EVACUATION SIGNAL.
- 10 AUDIBLE DEVICES TO BE AT LEAST 15 DBA ABOVE THE EQUIVALENT SOUND LEVEL BUT NOT LESS THAN 75 DBA AT 10 FEET OR MORE THAN 110 DBA IN TOTAL, THROUGHOUT.
- 11 WHERE VISUAL DEVICES ARE REQUIRED, VISUAL DEVICE SHOULD NOT EXCEED 2 FLASHES PER SECOND AND SHOULD NOT BE SLOWER THAN 1 FLASH EVERY SECOND. THE DEVICE SHALL HAVE A PULSING LIGHT SOURCE NOT LESS THAN 15 CANDELA. NO PLACE IN ANY ROOM SHALL BE MORE THAN 50 FEET FROM A DEVICE.
- 12 CONTRACTOR SHALL PROVIDE COPIES OF APPROVED PLANS TO THE PROJECT INSPECTOR OF RECORD PRIOR TO BEGINNING WORK. THE CONTRACTOR SHALL SUBMIT SUBMITTAL BOOKLET TO ENGINEER PRIOR TO PURCHASE FOR REVIEW. THE FIRE PROTECTION SYSTEM SHALL NOT BE INSTALLED UNTIL SUBMITTAL BOOKLETS HAVE BEEN SUBMITTED TO AND APPROVED BY THE ENGINEER OF RECORD.
- 13 FINAL TEST SHALL BE MADE WITH DSA INSPECTOR OF RECORD (IOR). LOCAL FIRE AUTHORITY HAVING JURISDICTION SHALL BE NOTIFIED OF DATE AND TIME OF FIRE ALARM TESTING AND SHALL ASSIST/WITNESS SUCH TESTING WHEN ABLE. CONTRACTOR SHALL REPEAT TESTING AS NECESSARY UNTIL SATISFACTORY RESULTS ARE ACHIEVED.
- 14 FIRE ALARM CONTRACTOR SHALL PROVIDE A "RECORD OF COMPLETION" TO THE INSPECTOR OF RECORD (IOR)/DSA AFTER COMPLETION OF OPERATIONAL ACCEPTANCE TESTS.
- 15 POWER SERVICE SHALL BE ON A DEDICATED BRANCH CIRCUIT WITH A RED MARKING AND IDENTIFIED AS "FIRE ALARM CIRCUIT CONTROL".
- 16 ALL ALARM SIGNALS ARE TO BE TRANSMITTED TO AN UL APPROVED LISTED SUPERVISING STATION AND SHALL COMPLY WITH SB 575 POLICY.
- 17 THE MAXIMUM SPACING OF SMOKE DETECTORS SHALL BE 30 FEET AND HEAT DETECTORS SHALL BE 50 FEET OF SEPARATION. IN THE EVENT AN ACCESSIBLE CEILING SPACE IS DISCOVERED DURING THE COURSE OF THE PROJECT, THE CONTRACTOR SHALL PROVIDE ADDITIONAL HEAT DETECTORS AND ACCESS HATCHES AS NECESSARY.
- 18 PROJECT INSPECTOR SHALL FIELD VERIFY CANDELA SETTING ON STROBES DUE TO FIELD ADJUSTABILITY.
- 19 EACH SIGNALING LINE CIRCUIT FOR THE FACP IS CAPABLE OF SERVING A MAXIMUM OF 159 DETECTORS AND 159 MODULES.
- 20 PROVIDE A PERMANENT SIGN ON THE EXTERIOR DOOR STATING "FIRE ALARM PANEL" FOR ALL ROOMS WITH REMOTE POWER SUPPLIES OR FACP'S. CONTRACTOR TO PROVIDE FABRICATED NAMEPLATE SIGN. PROVIDE AND OBTAIN APPROVED STANDARDS FROM DISTRICT. PROVIDE SUBMITTALS FOR ARCHITECTS' APPROVAL.
- 21 PROJECT INSPECTOR SHALL VERIFY THAT THERE ARE NO ACCESSIBLE CEILING SPACES FOR THE ROOMS IN THE SCOPE OF WORK.
- 22 IN THE EVENT THAT THE FIRE ALARM SYSTEM IS OFFLINE DURING SCHOOL HOURS, CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING A FIRE WATCH.
- 23 THERE SHALL BE NO SPLICING OF FIRE ALARM CONDUCTORS BETWEEN TERMINATIONS OF FIRE ALARM DEVICES, UNLESS SPECIFICALLY NOTED OTHERWISE. FIRE ALARM CONDUCTORS SHALL BE CONTINUOUS FROM DEVICE TO DEVICE. SPLICES ARE PERMITTED AT THE BUILDING FIRE ALARM TERMINAL CAN. SPLICES IN IN-GRADE PULLBOXES ARE NOT PERMITTED, NO EXCEPTIONS.
- 24 INSTALLATION OF THE SYSTEMS SHALL NOT BE STARTED UNTIL DETAILED DESIGN DOCUMENTS AND SPECIFICATION, INCLUDING STATE FIRE MARSHAL LISTING NUMBERS FOR EACH COMPONENT OF THE SYSTEM HAS BEEN APPROVED BY DSA.
- 25 UPON COMPLETION OF THE INSTALLATION OF THE SYSTEMS, A SATISFACTORY TEST OF THE ENTIRE SYSTEM SHALL BE MADE IN THE PRESENCE OF A DSA PROJECT INSPECTOR.
- 26 A STAMPED SET OF APPROVED FIRE ALARM DESIGN DOCUMENTS SHALL BE ON THE JOB SITE AND USED FOR INSTALLATION.
- 27 ANY DISCREPANCIES BETWEEN THE DRAWINGS AND THE CODE OR RECOGNIZED STANDARDS SHALL BE BROUGHT TO THE ATTENTION OF DSA AND THE ARCHITECT/ENGINEER OF THE PROJECT.
- 28 THE CONTRACTOR SHALL ADJUST/INSTALL ALL DEVICES TO MAXIMIZE PERFORMANCE AND TO MINIMIZE FALSE ALARMS.
- 29 CONTRACTOR IS RESPONSIBLE FOR PAINTING ALL EXTERIOR CONDUITS. OBTAIN PAINT COLOR FROM DISTRICT. CONTRACTOR TO PROVIDE AND SUPPLY EXTERIOR PAINT TO MATCH EXISTING.
- 30 CONTRACTOR SHALL PROVIDE AND OBTAIN AN UNDERGROUND CONDUIT LOCATOR IN AREAS WHERE NEW TRENCH OCCURS. SEE "TRENCH NOTE RESPONSIBILITY".

ABBREVIATIONS

A	AMPERE	KV	KILOVOLT
ABV	ABOVE	KVA	KILOVOLT AMPERES
AF	AMP FRAME OR AMP FUSE	KW	KILOWATT
AFF	ABOVE FINISHED FLOOR	LTG	LIGHTING
ARCH	ARCHITECTURAL	MCM	THOUSAND CIRCULAR MILS
AS	AMP SWITCH	MDF	MAIN DISTRIBUTION FRAME
AT	AMP TRIP	MECH	MECHANICAL
ATS	AUTOMATIC TRANSFER SWITCH	MH	MANHOLE
BKR	BREAKER	MTD	MOUNTED
BUDS	BUILDING	MTG	MOUNTING
C	CONDUIT	(N)	NEW
CATV	CABLE TELEVISION	NAC	NOTIFICATION APPLIANCE CIRCUIT
CB	CIRCUIT BREAKER	NC	NORMALLY CLOSED
CD	CANDELAS	NIC	NOT IN CONTRACT
CKT	CENTER LINE	NIEC	NOT IN ELECTRICAL CONTRACT
CL	CEILING	NO	NUMBER/ NORMALLY OPEN
CLG	CONDUIT ONLY	NTS	NOT TO SCALE
CO	CENTER	O.C.	ON CENTER
CTR	CENTER	P	POLE CIRCUIT BREAKER
(D)	DEMOLISH	PA	PUBLIC ADDRESS
DET	DETAIL	PB	PULL BOX
DM	DIMENSION	PF	POWER FACTOR
DISTR	DISTRIBUTION	PH	PHASE
DWG	DRAWING	PNL	PANEL
(E)	EXISTING	(R)	EXISTING TO BE RELOCATED
EM	EMERGENCY	REQD	REQUIRED
EQPT	EQUIPMENT	REQT	REQUIREMENT(S)
FA	FIRE ALARM	RM	ROOM
FATC	FIRE ALARM TERMINAL CABINET	RSC	RIGID STEEL CONDUIT
FACP	FIRE ALARM CONTROL PANEL	SHT	SHEET
(F)	FUTURE	SW	SWITCH
FIN	FINISH	SWBD	SWITCHBOARD
FL	FLOOR	TC	TERMINAL CABINET
G, GND	GROUND	TEL	TELEPHONE
HGT	HEIGHT	TYP	TYPICAL
HP	HORSEPOWER	UON	UNLESS OTHERWISE NOTED
IC	INTERCOM	V	VOLT
IDF	INTERMEDIATE DISTRIBUTION FRAME	W	WATT
JB	JUNCTION BOX	WP	WEATHERPROOF
KAC	KILOAMPERE INTERRUPTING CAPACITY	WFM	TRANSFORMER

SYMBOL LIST:

	PLAN, DETAIL OR SECTION DESIGNATION.
	SHEET REFERENCE SYMBOL - SEE ASSOCIATED NOTE ON SAME SHEET.

WIRING & CONDUIT RUN SYMBOLS

	CONDUIT - CONCEALED IN WALLS OR CEILING.
	CONDUIT - EXPOSED.
	CONDUIT - UNDERGROUND OR BELOW FLOOR
	EXISTING CONDUIT, CABLES OR DEVICE
	EXISTING UNDERGROUND CONDUIT
	CONDUIT - HOME RUN TO PANEL, TERMINAL CABINET, ETC. RUNS MARKED WITH CROSSHATCHES INDICATE NUMBER OF #12 AWG WIRES. CROSSHATCH WITH SUBSCRIPT "G" INDICATES GREEN GROUND WIRE. SIZE CONDUIT ACCORDING TO SPECIFICATIONS AND APPLICABLE CODE. CROSSHATCHES WITH "#10" INDICATES WIRE SIZE OTHER THAN #12'S.
	FLEX CONDUIT WITH CONNECTION.
	CONDUIT - STUB UP.
	CONDUIT - STUB DOWN.
	CAPPED CONDUIT.
	CONDUIT CONTINUATION.

FA EQUIPMENT DEVICE

	END OF LINE RESISTOR
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PROJECT DESCRIPTION:

- OCCUPANCY: E1, SCHOOL
- TYPE OF SYSTEM: EXISTING AUTOMATIC ADDRESSABLE NON-VOICE EVACUATION FIRE ALARM SYSTEM. UL CERTIFIED CENTRAL STATION MONITORING.
- SCOPE OF WORK: THE SCOPE OF WORK FOR THIS PROJECT IS TO REMOVE THE TURNBULL FIRE ALARM SYSTEM FROM THE COLLEGE PARK FIRE ALARM SYSTEM SO THEY CAN OPERATE INDEPENDENTLY. PROVIDE A NEW NOTIFIER MAIN FIRE ALARM CONTROL PANEL FOR TURNBULL CAMPUS. TURNBULL AND COLLEGE PARK WILL REMAIN CONNECTED VIA FIBER OPTIC CABLE LINK NETWORK SO THAT BOTH SITES CAN ANNUNCIATE.
- FIRE ALARM SYSTEM SIGNALING LINE CIRCUIT IS CLASS B; INITIATION DEVICE CIRCUIT IS CLASS B; NOTIFICATION CIRCUIT IS CLASS B.

PRETEST OF SYSTEMS:

- PRIOR TO THE START OF CONSTRUCTION THE EXISTING NOTIFIER "NF52-3030" SYSTEM SHALL BE TESTED AND ALL FAULTS AND TROUBLES ON THE SYSTEM SHALL BE NOTED AND PROVIDED IN A REPORT TO THE OWNER.
- REPAIR ANY EXISTING NOTIFIER DEVICES NOT FUNCTIONING AT THE CONCLUSION OF THE PROJECT AND NOT NOTED IN THE PRETEST REPORT AT NO ADDITIONAL COST TO THE OWNER.
- FINAL TESTING SHALL BE PER NFPA AND DSA REQUIREMENTS AND SHALL BE 100% OF EXISTING NOTIFIER DEVICES.

CABLE SCHEDULE:

- A - (1) #14 UNSHIELDED TWISTED PAIR FOR SIGNALING LINE CIRCUITS.
B - (2) #12 FOR STROBE CIRCUITS
C - (1) #12 UNSHIELDED TWISTED PAIR FOR NAC TRIGGER TO RPS
D - (1) 6-STRAND SINGLE - MODE FIBER OPTIC CABLE
E - (2) #12 ANNUNCIATOR POWER

DRAWING INDEX

SHEET NO.	SHEET TITLE
FA0.1	FIRE ALARM COVER SHEET
FA1.0	DEMOLITION FIRE ALARM SITE PLAN
FA1.1	NEW FIRE ALARM SITE PLAN
FA2.1	NEW FIRE ALARM FLOOR PLANS
FA3.0	DEMOLITION FIRE ALARM RISER DIAGRAM
FA3.1	NEW FIRE ALARM RISER DIAGRAM
FA3.2	FIRE ALARM BATTERY CALCULATIONS
FA4.1	FIRE ALARM DETAILS

APPLICABLE FIRE ALARM
CODES, STANDARDS AND GUIDES:

CODES:

- 2022 CALIFORNIA BUILDING STANDARDS ADMINISTRATIVE CODE, PART 1, TITLE 24 C.C.R.
- 2022 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 C.C.R.
- 2022 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 C.C.R.
- 2022 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 C.C.R.
- 2022 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 C.C.R.
- 2022 CALIFORNIA ENERGY CODE.
- 2022 CALIFORNIA FIRE CODE.
- TITLE 19 C.C.R., PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS.
- ADA STANDARDS FOR ACCESSIBLE DESIGN (APPENDIX A OF 28 CFR PART 36).

STANDARDS AND GUIDES:

- NFPA 72, NATIONAL FIRE ALARM CODE, 2022 EDITION WITH CALIFORNIA AMENDMENTS.

EQUIPMENT SCHEDULE:

	(N) FIRE ALARM: MONITOR MODULE MODEL: NOTIFIER FPM-101 CSFM: 7300-0028-219
	(N) FIRE ALARM: MONITOR MODULE MODEL: NOTIFIER FCM-1 CSFM: 7300-0028-219
	(E) FIRE ALARM: REMOTE POWER SUPPLY MODEL: NOTIFIER FCP5-24F58
	(E) FIRE ALARM: REMOTE ANNUNCIATOR #1 MODEL: NOTIFIER LCD2-80
	(E) FIRE ALARM: FIRE ALARM CONTROL PANEL #1 MODEL: NOTIFIER NF52-3030
	(N) FIRE ALARM: REMOTE ANNUNCIATOR #2 MODEL: NOTIFIER NCA-2 W/ ABS-1B(C) BOX CSFM: 7165-0028-224
	(N) FIRE ALARM: FIRE ALARM CONTROL PANEL #2 MODEL: NOTIFIER NF52-3030 CSFM: 7165-0028-224 FIRE ALARM: REMOTE SCREEN DISPLAY MODEL: NOTIFIER NCA-2 CSFM: 7165-0028-224 FIRE ALARM: (N) LOOP CONTROL MODULE MODEL: NOTIFIER LCM 320 CSFM: 7165-0028-224 FIRE ALARM: (N) HIGH SPEED NETWORK MODULE MODEL: NOTIFIER HS-NCM-SF CSFM: 7165-0028-247 FIRE ALARM: (N) POWER SUPPLY MODEL: NOTIFIER AMPS-24 CSFM: 7165-0028-224 FIRE ALARM: (N) SYSTEM CABINET MODEL: NOTIFIER EQ "D4" SERIES CSFM: 7165-0028-224 FIRE ALARM: (N) BATTERY BOX MODEL: NOTIFIER NFS-LBB CSFM: 7165-0028-224
	(N) FIRE ALARM: SYSTEM RECORD DOCUMENTS CABINET MODEL: NOTIFIER SRD CSFM: 7300-0553-110

TRENCH NOTE RESPONSIBILITY:

THE CONTRACTOR SHALL BE RESPONSIBLE FOR SITE LOCATION ALL EXISTING UNDERGROUND SYSTEMS IN THE AREA OF NEW TRENCHING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ALL DAMAGED SYSTEMS TO OWNERS SATISFACTION. EXTREME CARE SHALL BE MAINTAINED DURING TRENCHING AS EXISTING SYSTEMS ARE KNOWN TO EXIST AREA. MODIFICATION TO EXISTING SYSTEMS MAY BE REQUIRED TO ACCOMMODATE NEW SYSTEM CONFIGURATION AND SHALL BE MADE BY THE CONTRACTOR WITHOUT EXTRA EXPANSE TO THE OWNER THE DRAWINGS AND SPECIFICATIONS ARE FOR THE ASSISTANCE AND GUIDANCE OF THE CONTRACTOR. EXACT LOCATIONS, DISTANCES AND ELEVATIONS WILL BE GOVERNED BY ACTUAL CONDITIONS. THE CONTRACTOR SHALL EXAMINE THE CONTRACT DOCUMENTS AND FIELD CONDITIONS TO DETERMINE EXACT ROUTING AND FINAL TERMINATIONS FOR ALL NEW WORK.

PROGRAMMING & TESTING NOTES:

- CONTRACTOR TO RE-PROGRAM ALL EQUIPMENT, INITIATING AND NOTIFICATION DEVICES LOCATED IN THE TURNBULL SCHOOL SIDE TO OPERATE INDEPENDENTLY IN THE TURNBULL CAMPUS.
- CONTRACTOR TO RE-PROGRAM ALL EQUIPMENT, INITIATING AND NOTIFICATION DEVICES LOCATED IN THE FIESTA GARDENS SCHOOL SIDE TO OPERATE INDEPENDENTLY IN THE FIESTA GARDENS CAMPUS.
- CONTRACTOR TO RE-PROGRAM BOTH TURNBULL CAMPUS AND FIESTA GARDENS CAMPUS' SYSTEM SHALL BE MONITORED BY THE EXISTING U.L. LISTED CENTRAL MONITORING STATION AT THE SAME TIME AND SEND SIGNAL VIA EXISTING DIALER/TRANSMITTER FROM THE EXISTING FACP AT THE FIESTA GARDENS CAMPUS SIDE TO EXISTING U.L. LISTED CENTRAL MONITORING STATION.
- CONTRACTOR TO FINAL TEST FIRE ALARM SYSTEM WITH ALL INITIATING AND NOTIFICATION DEVICES FOR TURNBULL SCHOOL CAMPUS. PROVIDE TEST REPORT TO SCHOOL, DISTRICT AND ENGINEER FOR RECORD.
- CONTRACTOR TO FINAL TEST FIRE ALARM SYSTEM WITH 10% OF INITIATING AND NOTIFICATION DEVICES IN EACH BUILDING FOR FIESTA GARDENS SCHOOL CAMPUS. PROVIDE TEST REPORT TO SCHOOL, DISTRICT AND ENGINEER FOR RECORD.

REVISIONS	DATE
SD SUBMITTAL	02/21/2025
1ST DSA SUBMITTAL	03/27/2025
DSA BACKCHECK SUBMITTAL	07/08/2025
ADDENDUM #2	05/06/2026

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**FIRE ALARM UPGRADE AT
TURNBULL CHILD DEVELOPMENT CENTER**
715 INDIAN AVE.
SAN MATEO, CA 94401

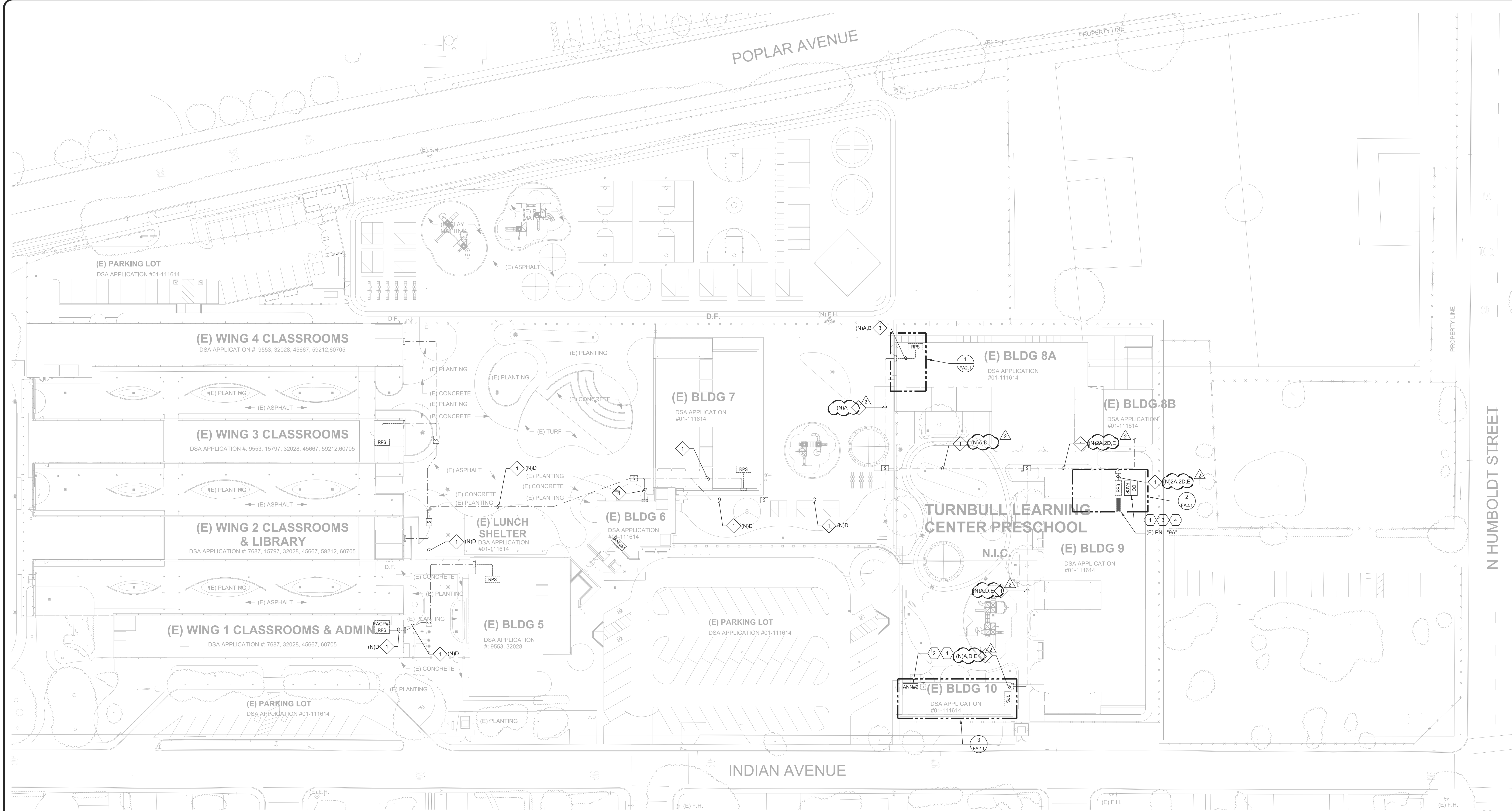
SHEET TITLE
FIRE ALARM COVER SHEET

DRAWN ACEE
CHECKED JC7 JM
DATE 05/06/2026
SCALE AS NOTED
JOB NO. K24152-00
SHEET

FA0.1



EFFECTS



1

NEW FIRE ALARM SITE PLAN

SCALE: 1" = 30'-0"

GENERAL NOTES:

- ALL EXISTING UNDERGROUND CONDUITS AND ROUTING SHOWN ARE BASED ON THE AS-BUILT UNDER THE DSA APPLICATION #01-111614. CONTRACTOR TO SITE VERIFY EXISTING FIRE ALARM ROUTING CONDITIONS AS REQUIRED.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ANY SAW CUTTING AND REMOVAL OF EXISTING SURFACES TO FACILITATE UNDERGROUND SYSTEMS. THE CONTRACTOR SHALL PATCH AND REPAIR ALL DAMAGED AND CUT SURFACES TO MATCH ADJACENT.
- CONTRACTOR TO SITE SURVEY EXISTING CONDITIONS AND LOCATIONS OF EXISTING UNDERGROUND SYSTEMS. WHERE NEW TRENCH WORK OCCURS PRIOR TO BIDDING, CONTRACTOR SHALL TAKE PROPER PRECAUTIONS TO ENSURE EXISTING UNDERGROUND SYSTEMS/CONDUIT/PIPES ARE NOT DAMAGED DURING INSTALLATION. CONTRACTOR IS RESPONSIBLE FOR ANY REPAIRS REQUIRED IN THE EVENT THE EXISTING UNDERGROUND SYSTEMS ARE DAMAGED AS A RESULT OF THE NEW ELECTRICAL TRENCH WORK.
- SEE FIRE ALARM DEMOLITION RISER DIAGRAM FOR MORE INFORMATION.
- ALL EXISTING FIRE ALARM DEVICES AND CABLES REMAINING FOR REUSE ARE TO BE TESTED FOR COMPLIANCE/SATISFACTION PRIOR TO NEW WORK. PROVIDE TEST REPORT OF THE FIRE ALARM SYSTEM'S EXISTING STATUS TO DISTRICT ARCHITECT/ENGINEER. ALL EXISTING CABLES, CONNECTIONS, AND DEVICES THAT GIVE TROUBLE, ERROR, OR SUPERVISORY NOTIFICATIONS SHALL BE NOTED. ANY EXISTING CABLES AND DEVICES THAT ARE NOT OPERATIONAL AND/OR DAMAGED AFTER DEMOLITION THAT ARE NOT NOTED ON THE REPORT SHALL BE REPLACED AT NO ADDITIONAL COST.
- ALL EXISTING IN-GRADE PULL BOXES AND UNDERGROUND SHOWN ON THE PLAN ARE TO REMAIN FOR RE-USE UNLESS OTHERWISE NOTED.

SHEET NOTES:

- PROVIDE NEW NOTIFIER NFS-3030 MAIN FIRE ALARM CONTROL PANEL AND DOCUMENT CABINET IN ELECTRICAL ROOM #902 WITH EXISTING RPS IN THE EXISTING BUILDING 9 TO RE-CONNECT ALL EXISTING FIRE ALARM DEVICES IN TURNBULL CAMPUS. SEE FIRE ALARM RISER DIAGRAM FOR ADDITIONAL REQUIREMENTS.
- PROVIDE NEW NCA-2 REMOTE ANNUNCIATOR ON THE WALL BY THE ENTRANCE DOOR IN THE RECEPTION AREA IN THE ADMIN. OFFICE. CONTRACTOR TO REMOVE EXISTING FIRE EXTINGUISHER AND BULLETIN BOARD ON THE WALL TO INSTALL NEW EQUIPMENT. RE-INSTALL EXISTING FIRE EXTINGUISHER AND BULLETIN BOARD AS REQUIRED. COORDINATE INSTALL LOCATION WITH DISTRICT. CONTRACTOR TO PROVIDE ALL NECESSARY MATERIALS TO CONNECT NEW FACP TO NEW ANNUNCIATOR.
- PROVIDE NEW SLCs AND NACs TO RE-CONNECT THE EXISTING DEVICES IN BUILDING 8, 8a, 9 AND 10. SEE NEW FIRE ALARM RISER DIAGRAM FOR ADDITIONAL REQUIREMENTS.
- CONTRACTOR TO POST RESET PROCEDURES NEAR EACH FACP AND ANNUNCIATOR AS REQUIRED. PROCEDURE TO STATE: "PRESS THE RESET BUTTON ON THE MASTER PANEL. THE RESET WILL PROPAGATE TO THE SECOND PANEL. IF THE SECOND PANEL IS NOT RESET, MANUALLY RESET THE SECOND PANEL BY PRESSING ITS RESET BUTTON." CONTRACTOR TO CONFIRM RESET PROCEDURE.

CONDUIT SCHEDULE:

- (E) (1) 2" C - FIRE ALARM
- NOT USED.
- EXISTING FIRE ALARM CONDUIT

MAX % CONDUIT FILL ALLOWED: 40%

ACTUAL % CONDUIT FILL: 8.88%

ACTUAL % CONDUIT FILL IS BASED ON THE 2" CONDUIT WITH THE LARGEST QUANTITY OF CABLES ON THIS PLAN. THIS IS THE MAXIMUM VALUE.

CABLE SCHEDULE:

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B - (2) #12 FOR STROBE CIRCUITS
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D - (1) 6-STRAND SINGLE - MODE FIBER OPTIC CABLE
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REVISIONS	DATE
SD SUBMITTAL	02/21/2025
1ST DSA SUBMITTAL	03/27/2025
DSA BACKCHECK SUBMITTAL	07/08/2025
ADDENDUM #2	05/06/2026



FIRE ALARM UPGRADE AT TURNBULL CHILD DEVELOPMENT CENTER 715 INDIAN AVE. SAN MATEO, CA 94401

NEW FIRE ALARM SITE PLAN

DRAWN ACEE
CHECKED JC/JM
DATE 05/06/2026
SCALE AS NOTED
JOB NO. EK24152-00
SHEET

FA1.1

OF

SHEETS

REVISIONS	DATE
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1ST DSA SUBMITTAL	03/27/2025
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**FIRE ALARM UPGRADE AT
TURNBULL CHILD DEVELOPMENT CENTER
715 INDIAN AVE.
SAN MATEO, CA 94401**

**NEW FIRE ALARM FLOOR
PLANS**

DRAWN ACEE
CHECKED JC7/JM
DATE 05/06/2026
SCALE AS NOTED
JOB NO. EK24152.00
SHEET

FA2.1

OF SHEETS

GENERAL NOTES:

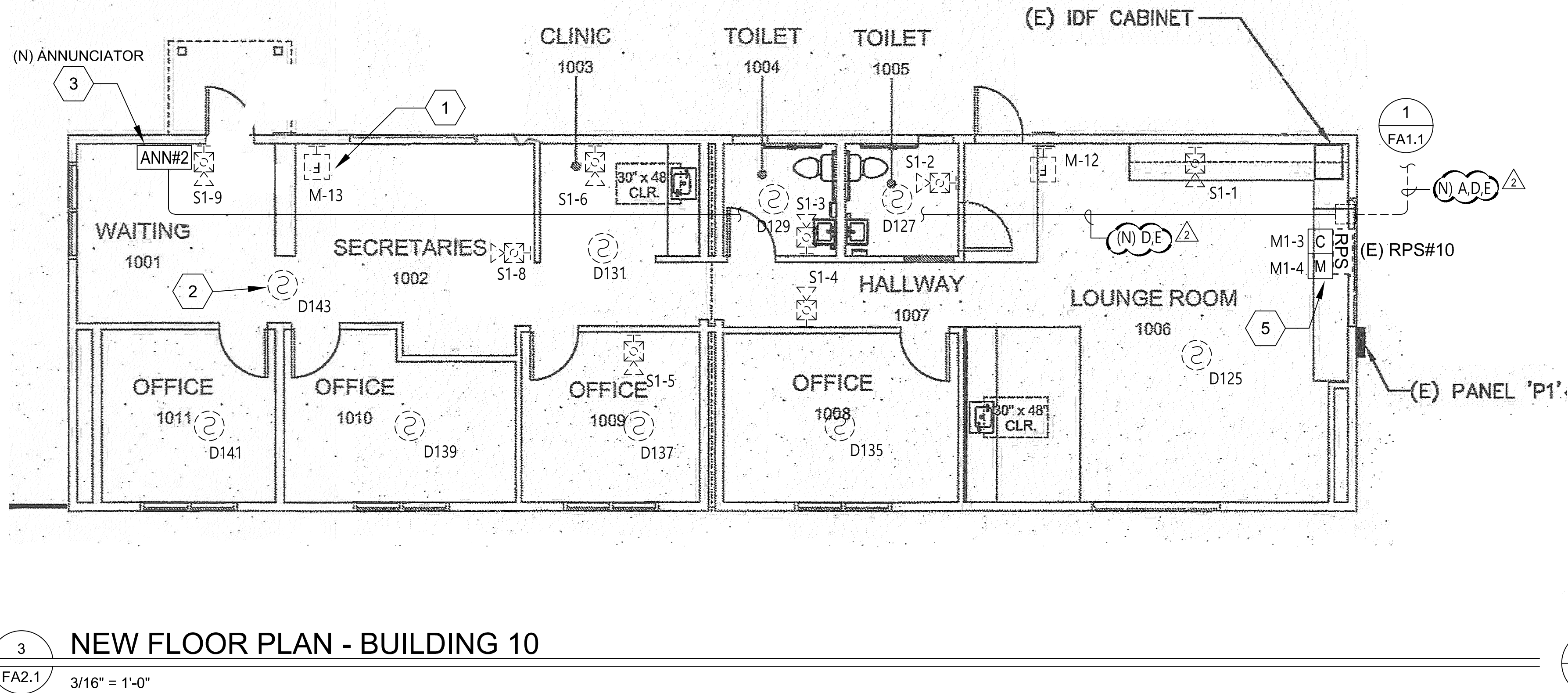
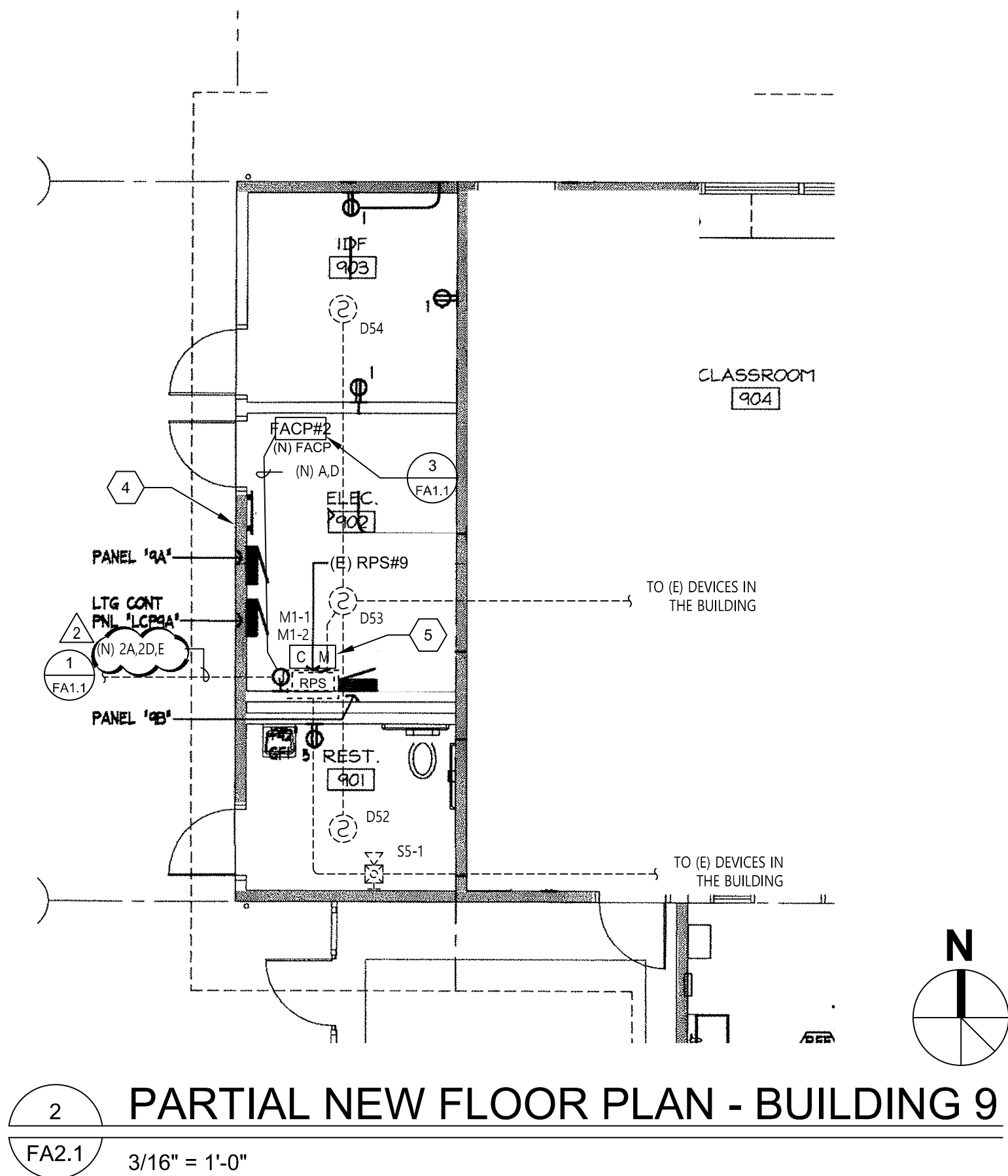
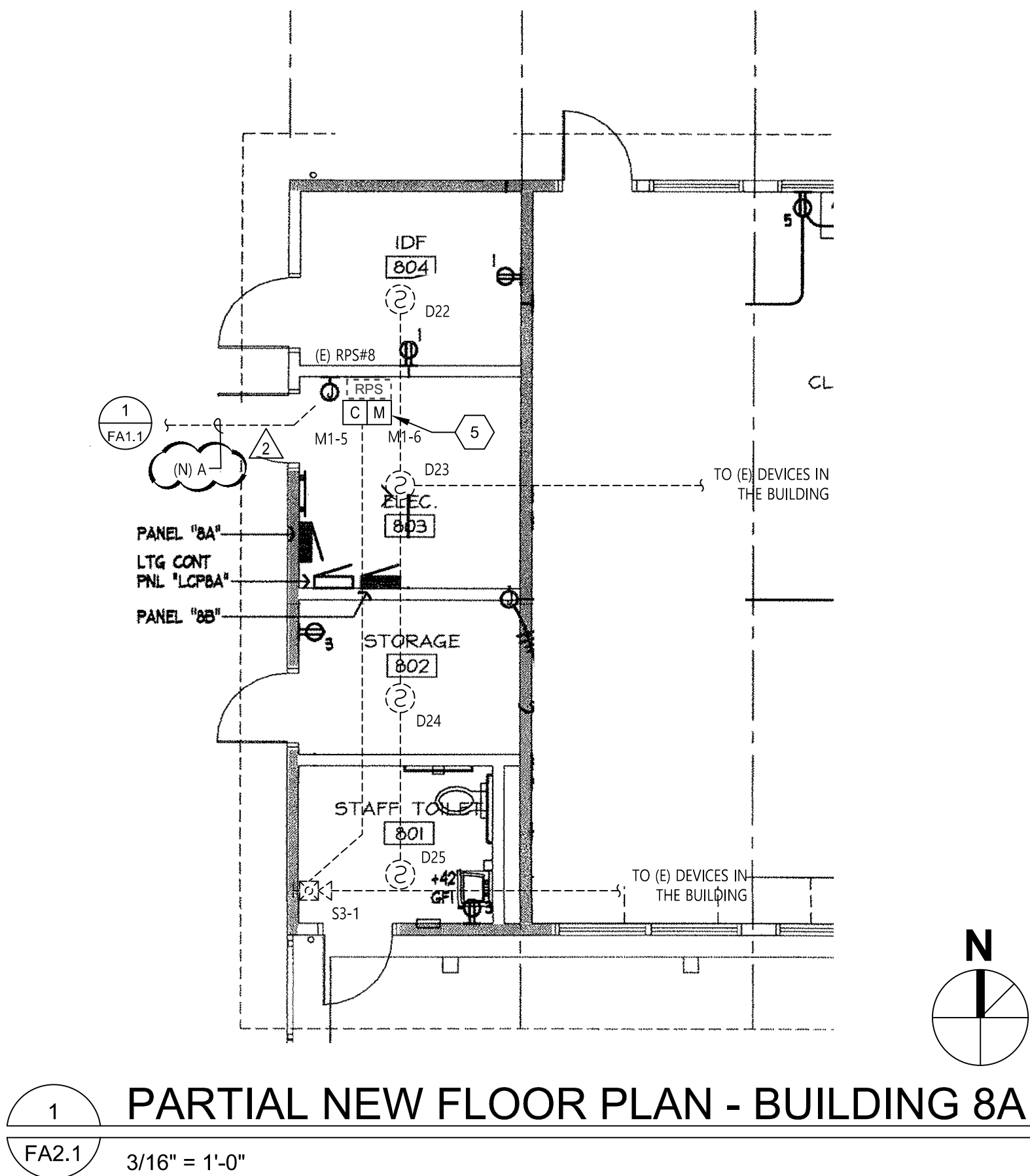
- EXISTING DEVICES AND CONNECTIONS SHOWN IN THE PLANS IS BASED ON THE DSA APPLICATION #01-111614.
- CONTRACTOR TO SITE VERIFY EXACT EXISTING FIRE ALARM SYSTEM CONNECTIONS, SLCs AND ADDRESSES PRIOR TO DEMOLITION WORK.
- ALL EXISTING FIRE ALARM DEVICES AND CABLES REMAINING FOR REUSE ARE TO BE TESTED FOR COMPLIANCE/SATISFACTION PRIOR TO NEW WORK. PROVIDE TEST REPORT OF THE FIRE ALARM SYSTEM'S EXISTING STATUS TO DISTRICT ARCHITECT/ENGINEER. ALL EXISTING CABLES, CONNECTIONS, AND DEVICES THAT GIVE TROUBLE, ERROR, OR SUPERVISORY NOTIFICATIONS SHALL BE NOTED. ANY EXISTING CABLES AND DEVICES THAT ARE NOT OPERATIONAL AND/OR DAMAGED AFTER DEMOLITION THAT ARE NOT NOTED ON THE REPORT SHALL BE REPLACED AT NO ADDITIONAL COST.
- SEE NEW FIRE ALARM RISER DIAGRAM FOR ADDITIONAL REQUIREMENTS.

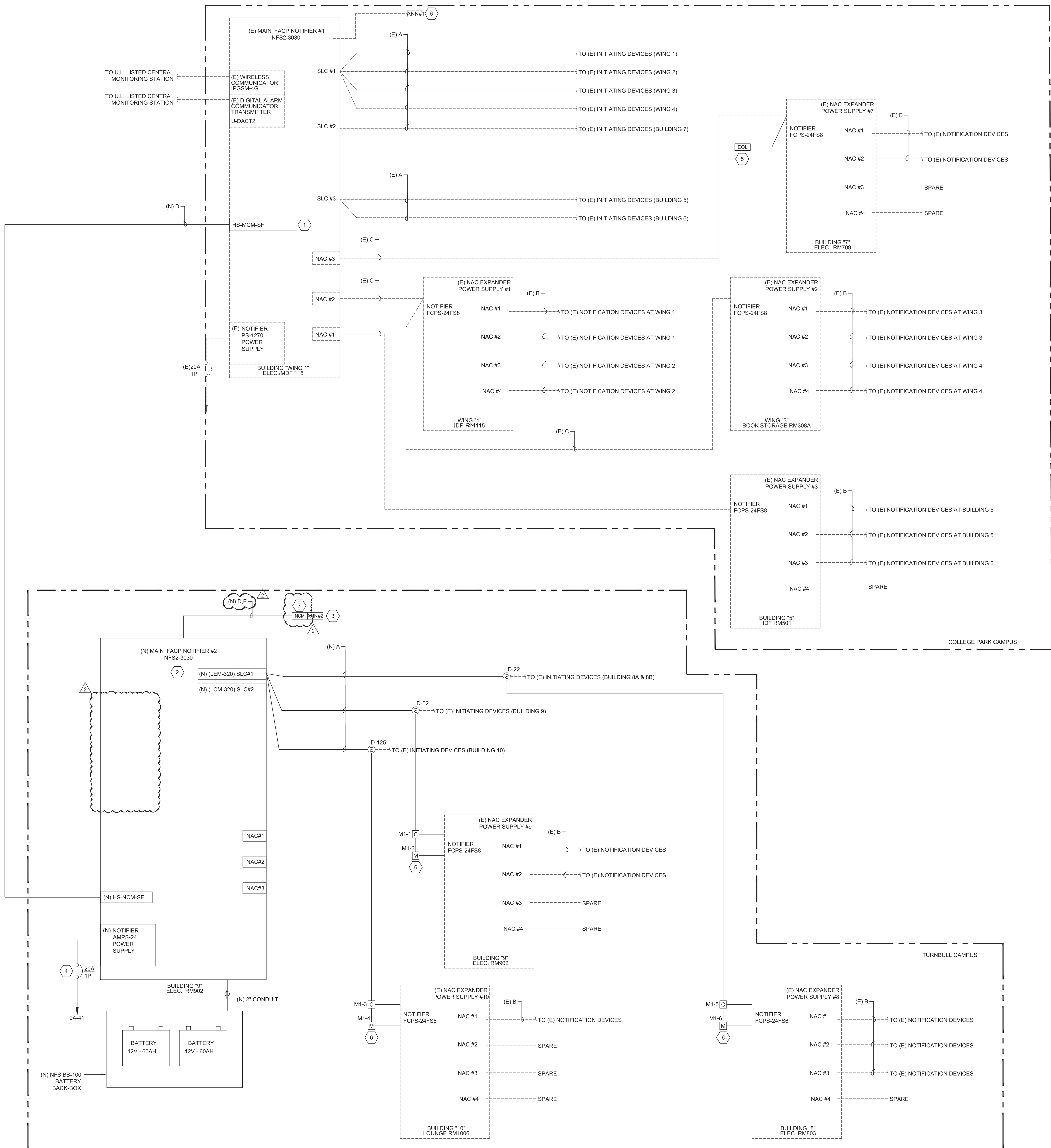
SHEET NOTES:

- EXISTING FIRE ALARM PULL STATION LOCATED IN THE ADMIN AREA.
- EXISTING FIRE ALARM SMOKE DETECTOR LOCATED IN THE ADMIN AREA.
- NEW FIRE ALARM ANNUNCIATOR.
- PROVIDE "FIRE ALARM CONTROL PANEL ROOM" SIGN ON EXTERIOR THE WALL TO INDICATE FIRE ALARM CONTROL PANEL IN THE ROOM AS REQUIRED. PROVIDE SIGNAGE IN THE ELECTRICAL ROOM TO INDICATE "NO STORAGE ALLOWED".
- PROVIDE NEW CONTROL MODULE AND MONITOR MODULE TO INITIATE EXISTING REMOTE POWER SUPPLY. SEE FIRE ALARM RISER DIAGRAM FOR ADDITIONAL REQUIREMENTS.

CABLE SCHEDULE:

- A - (1) #14 UNSHIELDED TWISTED PAIR FOR SIGNALING LINE CIRCUITS.
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C - (1) #12 UNSHIELDED TWISTED PAIR FOR NAC TRIGGER TO RPS
D - (1) 6-STRAND SINGLE - MODE FIBER OPTIC CABLE
E - (2) #12 ANNUNCIATOR POWER





GENERAL NOTES:

- EXISTING DEVICES AND CONNECTIONS SHOWN IN THE RISER IS BASED ON THE DSA APPLICATION #01-111614.
- ALL EXISTING FIRE ALARM DEVICES AND ADDRESSES SHOWN BASED ON AS-BUILT. CONTRACTOR TO COORDINATE AND VERIFY DEVICE QUANTITY ADDRESSES WITH EXISTING FIRE ALARM SYSTEM.
- PROVIDE FINAL FIRE ALARM TEST FOR BOTH CAMPUS WITH EXISTING AND NEW FIRE ALARM CONTROL PANEL AFTER INSTALLATION COMPLETION. PROVIDE TEST REPORT AS REQUIRED TO THE DISTRICT FOR RECORD.
- SEE NEW FIRE ALARM SITE PLAN FOR NEW EQUIPMENT LOCATIONS.

SHEET NOTES:

- PROVIDE NEW NOTIFIER NETWORK COMMUNICATOR MODULE IN THE EXISTING FACP FOR NETWORKING COMMUNICATION WITH NEW FACP AS REQUIRED.
- PROVIDE NEW NOTIFIER NFS-3030 MAIN FIRE ALARM CONTROL PANEL AT THE TURNBULL CAMPUS TO RE-CONNECT ALL EXISTING NOTIFIER DEVICES AS REQUIRED. CONTRACTOR TO PROVIDE ALL NECESSARY MATERIALS TO RE-CONNECT.
- NEW REMOTE ANNUNCIATOR INSTALL IN THE WAITING ROOM #1001 IN ADMIN. BUILDING #10.
- PROVIDE AND INSTALL NEW DEDICATED POWER CONNECTION. ROUTE HOMERUN CONDUIT WITH (2) #12S TO (E) BUILDING'S ELECTRICAL PANEL INDICATED. CONNECT TO (N) 20A-1P DEDICATED CIRCUIT BREAKER. CIRCUIT BREAKER SHOULD MATCH EXISTING TYPE AND AIC. CONTRACTOR SHALL PROVIDE ALL NECESSARY HARDWARE FOR A COMPLETE INSTALLATION. UPDATE PANEL SCHEDULE ACCORDINGLY. PROVIDE CIRCUIT BREAKER LOCKOUT TO PREVENT UNAUTHORIZED TAMPERING.
- PROVIDE NEW EOL TO EXISTING REMOTE POWER SUPPLY #7 AND RE-PROGRAM EXISTING NAC CIRCUIT AFTER EXISTING REMOTE POWER SUPPLIES BEING REMOVED FROM THE DAISY CHAIN CONNECTION.
- PROVIDE NEW EOL TO EXISTING REMOTE POWER SUPPLY #7 AND RE-PROGRAM EXISTING NAC CIRCUIT AFTER EXISTING REMOTE POWER SUPPLIES BEING REMOVED FROM THE DAISY CHAIN CONNECTION.
- PROVIDE NCM FIBER OPTIC COMMUNICATION MODULE FOR NEW NCA-2 CONTROL ANNUNCIATOR AS REQUIRED.

CABLE SCHEDULE:

- A - (1) #14 UNSHIELDED TWISTED PAIR FOR SIGNALING LINE CIRCUITS.
B - (2) #12 FOR STROBE CIRCUITS
C - (1) #12 UNSHIELDED TWISTED PAIR FOR NAC TRIGGER TO RPS
D - (1) 6-STRAND SINGLE-MODE FIBER OPTIC CABLE
E - (2) #12 ANNUNCIATOR POWER

REVISIONS	DATE
SD SUBMITTAL	02/21/2025
1ST DSA SUBMITTAL	03/27/2025
DSA BACKCHECK SUBMITTAL	07/08/2025
ADDENDUM #2	05/06/2026



FIRE ALARM UPGRADE AT
TURNBULL CHILD DEVELOPMENT CENTER
715 INDIAN AVE.
SAN MATEO, CA 94401

SHEET TITLE
NEW FIRE ALARM RISER
DIAGRAM

DRAWN ACEE
CHECKED JC/JM
DATE 05/06/2026
SCALE AS NOTED
JOB NO. EK24152.00
SHEET

FA3.1

OF SHEETS