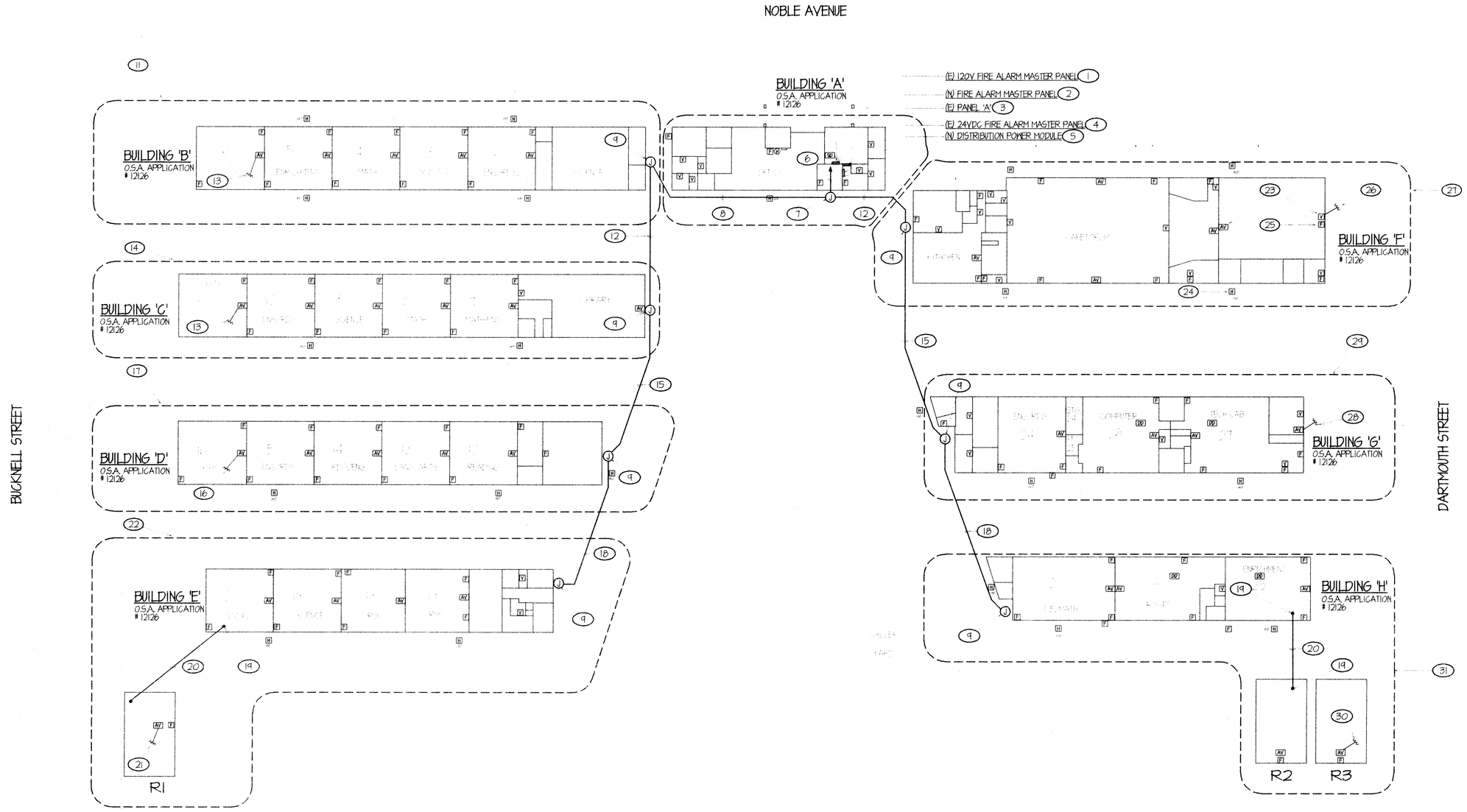

SITE FIRE ALARM SYSTEM PLAN

1" = 30'-0"

SITE FIRE ALARM SYSTEM PLAN NOTES

1. EXISTING 120V FIRE ALARM MASTER CONTROL PANEL AND REMOTE RELAY CABINET, INSTALLED UNDER D.S.A. APPLICATION #A51541 TO BE REMOVED. REFER TO FIRE ALARM SYSTEM PLAN, SHEET E-2 FOR COORDINATION/REFERENCE.
2. NEW FIRE ALARM MASTER CONTROL PANEL LOCATED IN SUPPLY ROOM. REFER TO FIRE ALARM SYSTEM PLAN, SHEET E-2 FOR COORDINATION/REFERENCE.
3. EXISTING 208Y/120V, 3ph, 4W, PANEL WITH DEDICATED CIRCUIT FOR CONTROL PANEL TO REMAIN. REFER TO FIRE ALARM SYSTEM PLAN, SHEET E-2 FOR COORDINATION/REFERENCE.
4. EXISTING 24VDC FIRE ALARM PANEL, INSTALLED UNDER D.S.A. APPLICATION #A51541 TO BE REMOVED. REFER TO FIRE ALARM SYSTEM PLAN, SHEET E-2 FOR COORDINATION/REFERENCE.
5. NEW DISTRIBUTED POWER MODULE LOCATED IN CAMPUS SUPERVISOR ROOM. REFER TO FIRE ALARM SYSTEM PLAN, SHEET E-2 FOR COORDINATION/REFERENCE.
6. RUN 1"C. 14 #12 CU THHN (ANNUNCIATION), ONE 1" CABLE (INITIATION) ON ROOF PER 3/E-5. PENETRATE ROOF. RUN CONDUIT INSIDE ACCESSIBLE ATTIC SPACE TO INTERIOR WALL, RUN SURFACE DOWN INTERIOR WALL TO NEW FIRE ALARM MASTER PANEL AND CONNECT. REFER TO FIRE ALARM SINGLE LINE DIAGRAM, 1/E-5 FOR COORDINATION/REFERENCE. SEAL ALL PENETRATIONS AT EXISTING BUILDING, WATERTIGHT. PAINT EXPOSED CONDUIT, CONNECTORS, ETC. TO MATCH EXISTING FINISHED SURFACES.
7. PROVIDE (4)P., 8" x 8" x 4" NEMA 3R SCREW COVER ENCLOSURE AND SURFACE MOUNT TO COVERED WALK WAY. SEAL ALL KNOCK OUTS AT SCREW COVER ENCLOSURE WATERTIGHT. PAINT EXPOSED CONDUIT, SCREW COVER ENCLOSURE, CONNECTORS, ETC. TO MATCH EXISTING FINISHED SURFACES.
8. RUN 1"C. 8 #12 CU THHN (ANNUNCIATION), ONE 1" CABLE (INITIATION) ON COVERED WALK WAY PER 3/E-5.
9. PROVIDE (4)P., 8" x 8" x 4" NEMA 3R SCREW COVER ENCLOSURE AND SURFACE MOUNT TO EXTERIOR OF EXISTING BUILDING. EXIT SCREW COVER ENCLOSURE, PENETRATE BUILDING AND RUN 1/2"C. 2 #12 CU THHN (ANNUNCIATION), ONE 1" CABLE (INITIATION) INTO BUILDING PER INDIVIDUAL BUILDING FIRE ALARM SYSTEM PLANS. SEAL ALL KNOCK OUTS AT SCREW COVER ENCLOSURE AND PENETRATIONS AT EXISTING BUILDING, WATERTIGHT. PAINT EXPOSED CONDUIT, SCREW COVER ENCLOSURE, CONNECTORS, ETC. TO MATCH EXISTING FINISHED SURFACES.
10. END OF LINE RESISTOR FOR ANNUNCIATION CIRCUIT 'DPM-A1' LOCATED AT THIS DEVICE. REFER TO INDIVIDUAL FIRE ALARM PLANS FOR COORDINATION/REFERENCE.
11. DENOTES BUILDINGS SERVED BY ANNUNCIATION CIRCUIT 'DPM-A1'.
12. RUN 1"C. 6 #12 CU THHN (ANNUNCIATION), ONE 1" CABLE (INITIATION) ON COVERED WALK WAY PER 3/E-5.
13. END OF LINE RESISTOR FOR ANNUNCIATION CIRCUIT 'DPM-A2' LOCATED AT THIS DEVICE. REFER TO INDIVIDUAL FIRE ALARM PLANS FOR COORDINATION/REFERENCE.
14. DENOTES BUILDINGS SERVED BY ANNUNCIATION CIRCUIT 'DPM-A2'.
15. RUN 1"C. 4 #12 CU THHN (ANNUNCIATION), ONE 1" CABLE (INITIATION) ON COVERED WALK WAY PER 3/E-5.
16. END OF LINE RESISTOR FOR ANNUNCIATION CIRCUIT 'DPM-A3' LOCATED AT THIS DEVICE. REFER TO INDIVIDUAL FIRE ALARM PLANS FOR COORDINATION/REFERENCE.
17. DENOTES BUILDINGS SERVED BY ANNUNCIATION CIRCUIT 'DPM-A3'.
18. RUN 1"C. 2 #12 CU THHN (ANNUNCIATION), ONE 1" CABLE (INITIATION) ON COVERED WALK WAY PER 3/E-5.
19. EXISTING CONDUIT RISER AND HEATHER HEAD TO REMAIN.
20. DISCONNECT AND REMOVE EXISTING FIRE ALARM CABLING. RUN 2 #12 CU THHN (ANNUNCIATION) FROM EXISTING RISER AND HEATHERHEAD AND SPAN OVER TO EXISTING RELOCATABLE BUILDING RISER AND HEATHERHEAD AND CONTINUE . REFER TO INDIVIDUAL FIRE ALARM PLANS FOR COORDINATION/REFERENCE.
21. END OF LINE RESISTOR FOR ANNUNCIATION CIRCUIT 'DPM-A4' LOCATED AT THIS DEVICE. REFER TO INDIVIDUAL FIRE ALARM PLANS FOR COORDINATION/REFERENCE.
22. DENOTES BUILDINGS SERVED BY ANNUNCIATION CIRCUIT 'DPM-A4'.
23. INTERIOR FIRE ALARM ANNUNCIATION DEVICE SHOWN HERE FOR CLARITY ONLY, TYPICAL. REFER TO RESPECTIVE BUILDING FIRE ALARM SYSTEM PLAN FOR COORDINATION/REFERENCE.
24. EXTERIOR FIRE ALARM ANNUNCIATION DEVICE SHOWN HERE FOR CLARITY ONLY, TYPICAL. REFER TO RESPECTIVE BUILDING FIRE ALARM SYSTEM PLAN FOR COORDINATION/REFERENCE.
25. INTERIOR FIRE ALARM INITIATION DEVICE SHOWN HERE FOR CLARITY ONLY, TYPICAL. REFER TO RESPECTIVE BUILDING FIRE ALARM SYSTEM PLAN FOR COORDINATION/REFERENCE.
26. END OF LINE RESISTOR FOR ANNUNCIATION CIRCUIT 'FA2' LOCATED AT THIS DEVICE. REFER TO INDIVIDUAL FIRE ALARM PLANS FOR COORDINATION/REFERENCE.
27. DENOTES BUILDINGS SERVED BY ANNUNCIATION CIRCUIT 'FA2'.
28. END OF LINE RESISTOR FOR ANNUNCIATION CIRCUIT 'FA3' LOCATED AT THIS DEVICE. REFER TO INDIVIDUAL FIRE ALARM PLANS FOR COORDINATION/REFERENCE.
29. DENOTES BUILDINGS SERVED BY ANNUNCIATION CIRCUIT 'FA3'.
30. END OF LINE RESISTOR FOR ANNUNCIATION CIRCUIT 'FA4' LOCATED AT THIS DEVICE. REFER TO INDIVIDUAL FIRE ALARM PLANS FOR COORDINATION/REFERENCE.
31. DENOTES BUILDINGS SERVED BY ANNUNCIATION CIRCUIT 'FA4'.

FIRE ALARM APPROVAL

THE FIRE ALARM SYSTEM DESIGN IS A COMPLETE PLAN SUBMITTAL PER DSA-ORS POLICY. THE CONTRACTOR SHALL INSTALL THE MANUAL, ADDRESSABLE FIRE PROTECTION SYSTEM AS SHOWN AND AS HEREIN SPECIFIED. IF ANY SUBSTITUTION OF FIRE ALARM EQUIPMENT IS TO BE REQUESTED, SUCH REQUEST SHALL BE MADE A MINIMUM OF TEN BUSINESS DAYS PRIOR TO PROJECT BID DATE. THE CONTRACTOR SUBMITTAL SHALL INCLUDE ALL MANUFACTURERS CATALOG EQUIPMENT SPECIFICATION SHEETS, THE CSFM LISTING SHEETS FOR INDIVIDUAL COMPONENTS COMPRISING THE SUBSTITUTED FIRE ALARM SYSTEM, BATTERY LOAD CALCULATIONS AND VOLTAGE DROP CALCULATIONS FOR EACH SIGNALLING CIRCUIT. SHOULD THE SUBSTITUTED SYSTEM BE APPROVED AND INSTALLED, THE CONTRACTOR SHALL PROVIDE ONE SET OF REPRODUCIBLE CAD GENERATED, DSA-ORS APPROVED AND STAMPED 'AS-CONSTRUCTED' DRAWINGS TO THE ENGINEER UPON COMPLETION OF THE SYSTEM INSTALLATION.

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STATE OF CALIFORNIA

IDENTIFICATION STAMP
DIV OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPL #03-106456
FILE 15-6
AC ✓ FLS W SS 2
DATE 12/11/02

Project:

BAKERSFIELD CITY SCHOOL DISTRICT
WASHINGTON JUNIOR HIGH SCHOOL
FIRE ALARM SYSTEM REPLACEMENT
Bakersfield, California

CAD INDEMNIFICATION CLAUSE

ALL COMPUTER GENERATED CAD DRAWING FILES PREPARED BY THE ELECTRICAL ENGINEER FOR THIS PROJECT WERE INSTRUMENTS OF THE ELECTRICAL ENGINEER'S SERVICE SOLELY IN CONNECTION WITH THE PREPARATION OF THIS PROJECT, AND ONLY WITH THE PRIOR WRITTEN CONSENT OF THE ELECTRICAL ENGINEER, OTHERS MAY BE PERMITTED TO VIEW THE CAD DRAWING FILES FOR THE PURPOSE OF INFORMATION AND/OR REFERENCE ONLY. THESE CAD DRAWING FILES SHALL NOT BE USED ON ANY PROJECT OTHER THAN THIS PROJECT, FOR ANY DELINEATED ADDITIONS TO THIS PROJECT OR FOR COMPLETION OF THIS PROJECT BY OTHERS. ANY TRANSFER OF THESE CAD DRAWING FILES SHALL BE AT THE SOLE RISK OF THE PERSON(S) WHO MAKE, AUTHORIZE OR SOLICIT SUCH TRANSFER. THE USER OF THESE CAD DRAWING FILES SHALL INDEMNIFY AND HOLD HARMLESS THE ELECTRICAL ENGINEER OF ANY AND ALL LIABILITIES AND/OR LIABILITIES ATTENDANT TO UNAUTHORIZED ADDITIONS OR DELETIONS.

DRAWN BY:	DA/JLD
CHECKED BY:	RTS
SHEET ISSUE:	VWM
JOB NUMBER:	2002-21A
FILE NAME:	2002-21A-ELDWG
DATE:	07/19/02

SHEET TITLE:
SITE FIRE ALARM SYSTEM PLAN AND NOTES

SHEET
E-1
OF 6 SHEETS

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