



RFI# **Pre-Bid- 001**

Date Submitted: **6.30.2021**

Date Closed: **7.7.2021**

Priority

Winton Middle School Modernization

119 W. Winton Ave.
Hayward, CA 94544

Construction Manager
TRiGroup, Inc.

2440 Amador Street, Bldg. 26
Hayward, CA 94544

Architect
HY Architects, Inc.

300 27th Street
Oakland, CA 94612

Owner
Hayward Unified School District

24411 Amador Stree
Hayward, CA 94544

General Contractor
BHM Construction

221 Gateway Rd W, Ste. 405
Napa, CA 94558
707.643.4580

Author
Point1

Subject: Structured Cabling Clarification

Specification Section: 27 16 50- Data Networking

Plan/Detail Sheet: E0.07 and E3.06

Attachments:

Question:

Question #1: In existing buildings, IDF's are not shown on drawings. Can you please provide drawings that have IDF rooms on them? An example of this is drawing E3.06 for buildings C & D do not show where the IDF rooms are located. Most other drawings have the same situation. Also, please confirm that all existing racks will stay existing to remain with exception to new B2 and P1 (Alternate #1)

Question #2: E0.07 Telecom riser shows Cat6 for all station cable except wireless access points will be Cat6A. Please confirm this is correct.

Question #3: Is Berk Tek / Leviton an acceptable manufacturer to use? Spec 27 16 50 – 2.2 calls out for Berk Tek with Panduit jacks which cannot be warranted. Please confirm manufacturer to be used for this project.

Question #4: What type of new fiber is to be installed to B2 and to Portable P1? Spec calls out 12 strand OM4 multimode but I see on drawings for alternate P1 is calling out 12 strand single mode fiber.

Response:

1. See attached for locations and clarification on data riser diagram. Yes, existing racks remain as is.
2. Yes, this is correct.
3. Yes, Berk Tek/Leviton is acceptable.
4. Install 12 strand Single Mode.



RFI# **Pre-Bid- 001**

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Plan/Detail Sheet: E0.07 and E3.06

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Response:

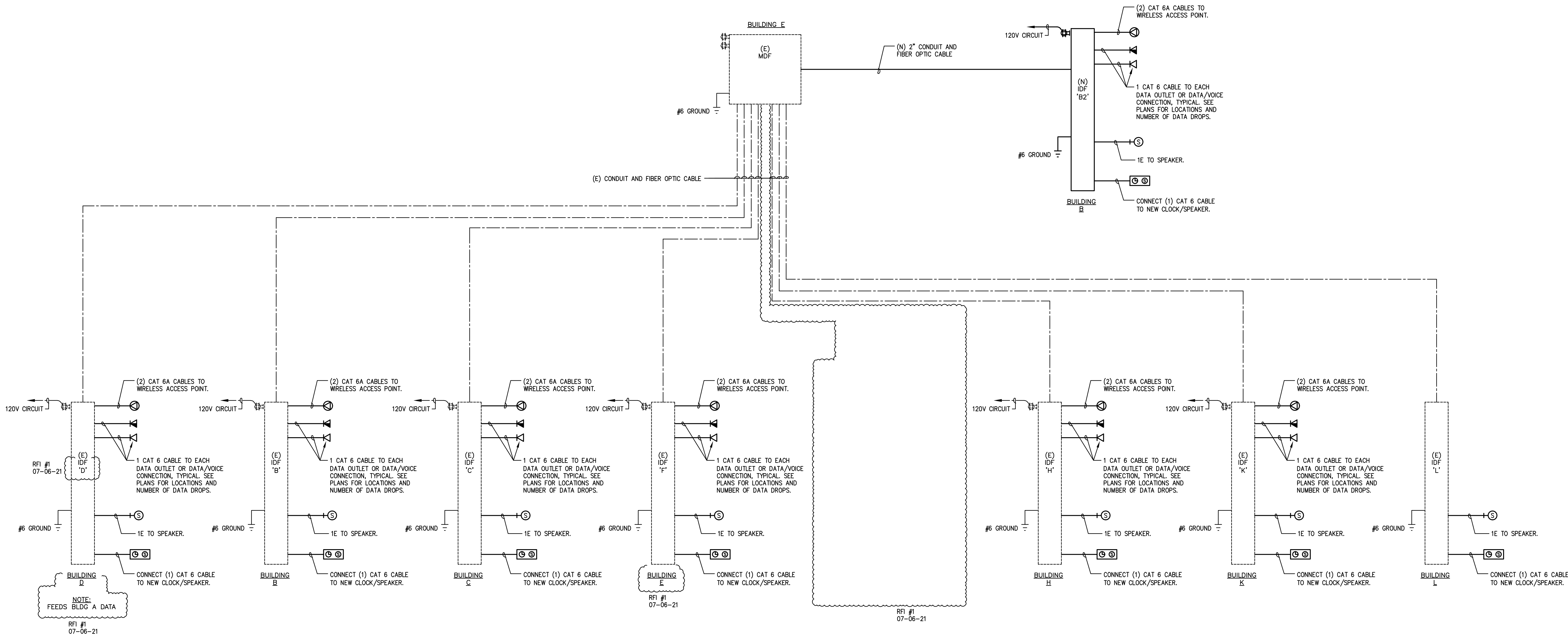
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Tiffany L. Kane

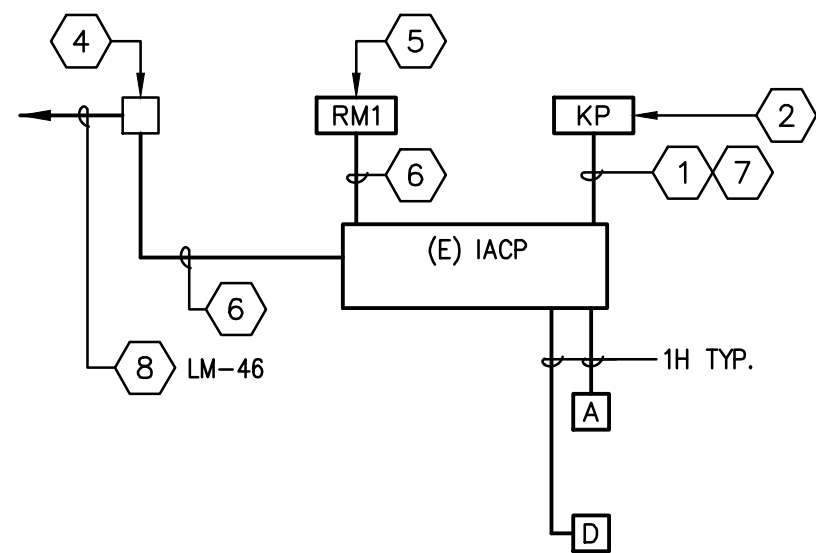
WKM, 07/06/2021



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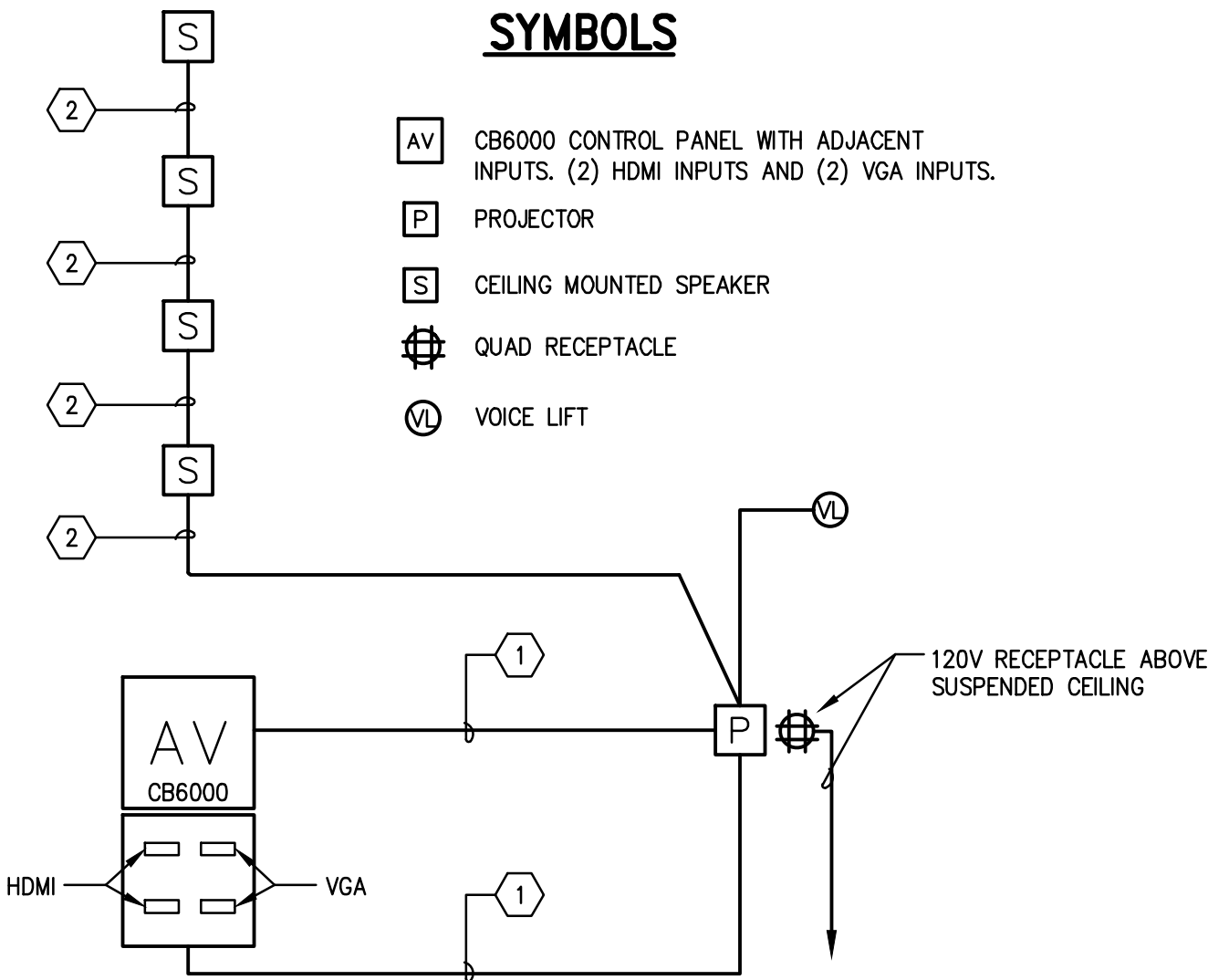


DATA/TELEPHONE RISER DIAGRAM NTS 1



DETAIL NOTES:

- 1 WEST PENN 244 FROM KEYPAD TO INTRUSION ALARM CONTROL PANEL.
- 2 NEW KEYPAD. SEE SPECIFICATIONS.
- 3 DOOR CONTACT OR MOTION SENSOR WITH DELAY ENTRY.
- 4 12VOLT, 2.5A AUXILIARY POWER SUPPLY WITH STANDBY BATTERY.
- 5 NEW RADIO.
- 6 CONNECT PER MANUFACTURER'S REQUIREMENTS.
- 7 2#14 FOR POWER.
- 8 PROVIDE DEDICATED 120V CIRCUIT.

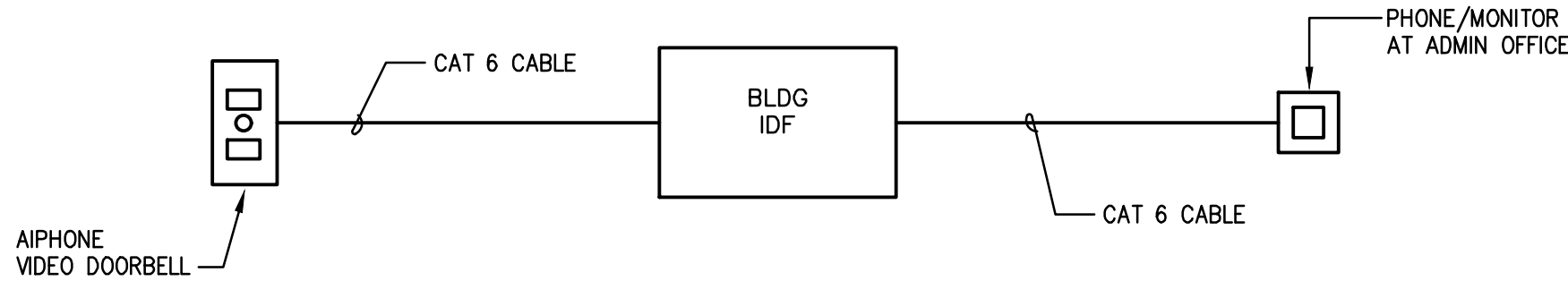


NOTES:

- 1. SEE DISTRICT A/V SPECIFICATIONS AND PARTS LIST FOR COMPLETE POWER AND DATA REQUIREMENTS.

DETAIL NOTES:

- 1 2" CONDUIT IN WALL WITH REQUIRED CABLES PER FRONT ROW. CABLES MAY BE RUN ON J-HOOKS ABOVE SUSPENDED CEILINGS.
- 2 3.5MM AUDIO CABLES. CABLES MAY BE RUN ON J-HOOKS ABOVE SUSPENDED CEILINGS.



VIDEO DOORBELL RISER DIAGRAM NTS 4



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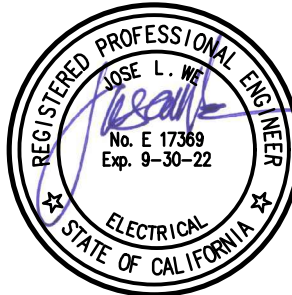
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HY ARCHITECTS JOB NUMBER 5338

Facility

WINTON MIDDLE SCHOOL
119 W Winton Ave, Hayward, CA 94544

Project

WINTON MIDDLE SCHOOL
MODERNIZATION

Sheet Title

ELECTRICAL DETAILS

Client Project Number: Client Proj. #

Scale: AS NOTED

Drawn By: DAM

Checked By: TLK

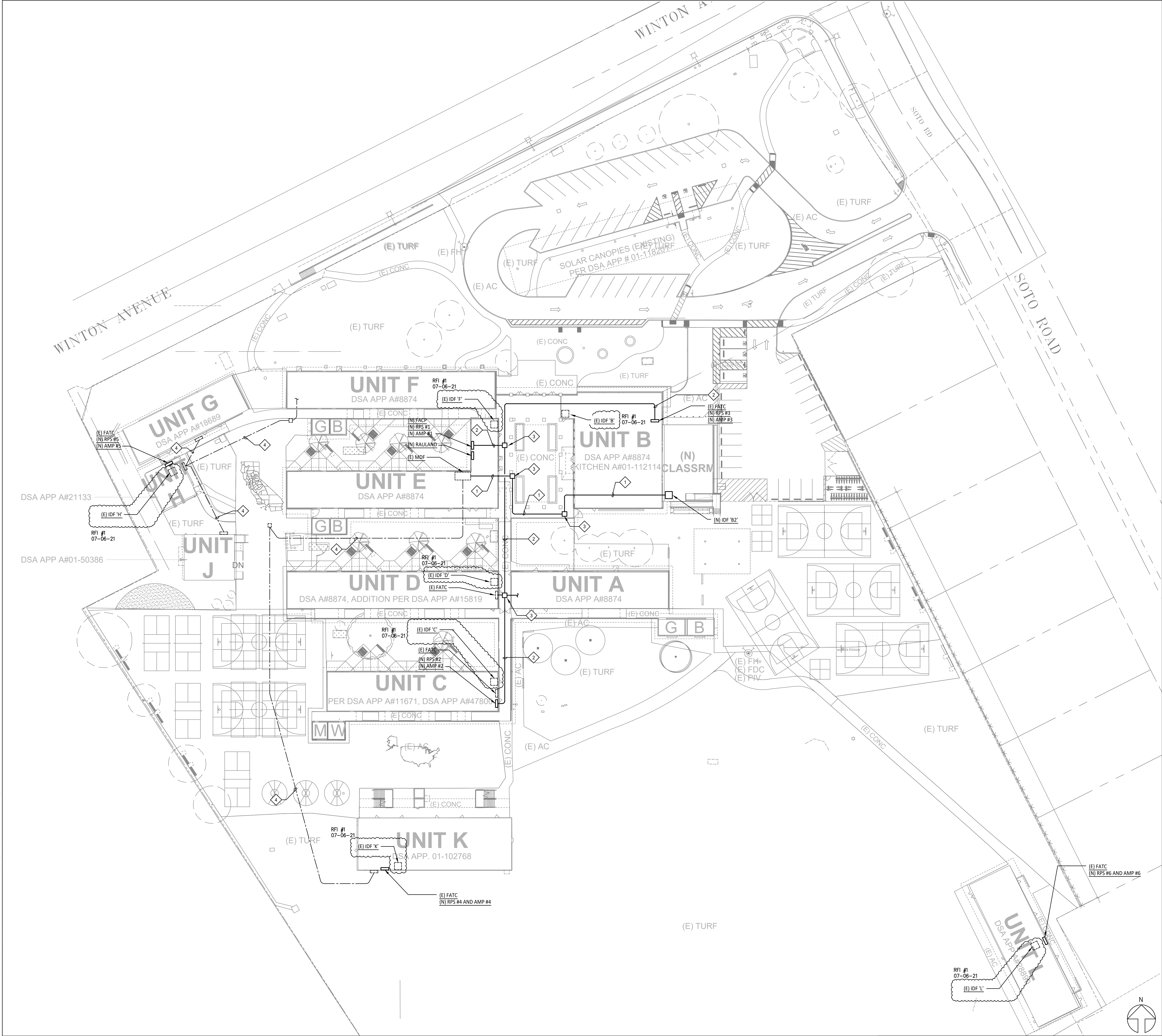
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Revit Version: 2019

E0.07



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GENERAL NOTES

1. ALL EXISTING SITE LOW VOLTAGE SYSTEMS ARE TO REMAIN, UON.

SHEET NOTES

- 1 NEW 1 1/2" CONDUIT ON COVERED WALKWAY WITH NEW FIBER OPTIC CABLE.
- 2 NEW 1 1/2" CONDUIT ON COVERED WALKWAY WITH FIRE ALARM CABLES PER RISER DIAGRAM.
- 3 NEW PULL CAN ON COVERED WALKWAY.
- 4 NEW FIRE ALARM CABLES PER RISER DIAGRAM IN EXISTING CONDUIT.



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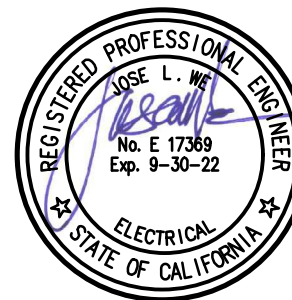
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Facility

WINTON MIDDLE SCHOOL
119 W Winton Ave, Hayward, CA 94544

Project

WINTON MIDDLE SCHOOL
MODERNIZATION

Sheet Title

ELECTRICAL SIGNAL SITE PLAN
NEW

Client Project Number:

Client Proj. #

Scale: AS NOTED

Sheet

Drawn By: DAM

Checked By: TLK

Issue Date: 06/06/21

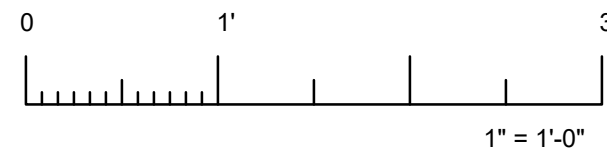
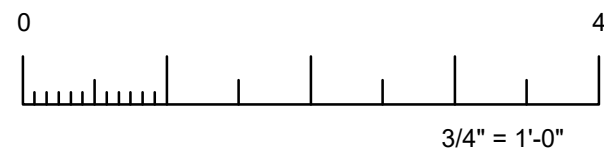
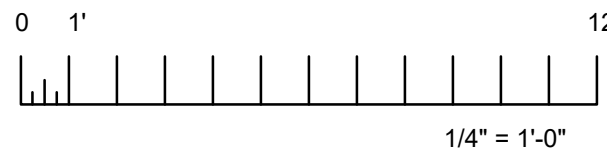
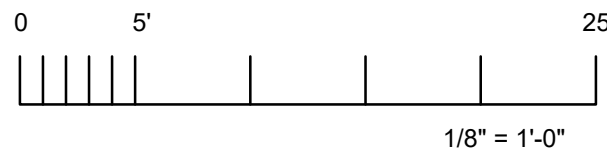
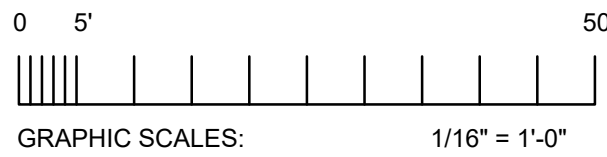
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E1.04

ELECTRICAL SIGNAL PLAN - NEW

1" = 30'-0"

1



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GENERAL NOTES

- ALL EXISTING CLOCKS, SPEAKERS AND CABLING ARE TO BE DISCONNECTED AND REMOVED.
- ALL POWER AND DATA SYSTEMS ARE TO REMAIN, UNLESS OTHERWISE NOTED.

SHEET NOTES

- POWER/DATA FOR TV MONITOR.
- POWER AND DATA RECESSED IN WALL WITH CONDUIT RUN UP TO SURFACE RACEWAY.
- DIVIDED SURFACE RACEWAY ABOVE. SEE DETAIL 8/E0.08 FOR CONNECTION OF RECESSED DEVICES TO RACEWAY.
- AV CONTROLLER.
- PROVIDE HALO VAPE SENSOR WITH (1) CAT 6 CABLE TO IDF.
- POWER FOR EYEWASH.



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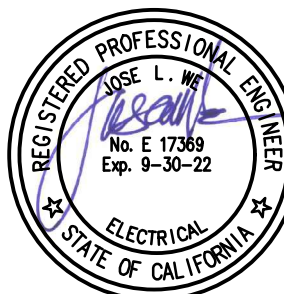
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Facility
WINTON MIDDLE SCHOOL
119 W Winton Ave, Hayward, CA 94544

Project
WINTON MIDDLE SCHOOL
MODERNIZATION

Sheet Title
ELECTRICAL NEW
POWER AND SIGNAL PLAN
UNITS C AND D

Client Project Number: Client Proj. #

Scale: AS NOTED

Drawn By: DAM

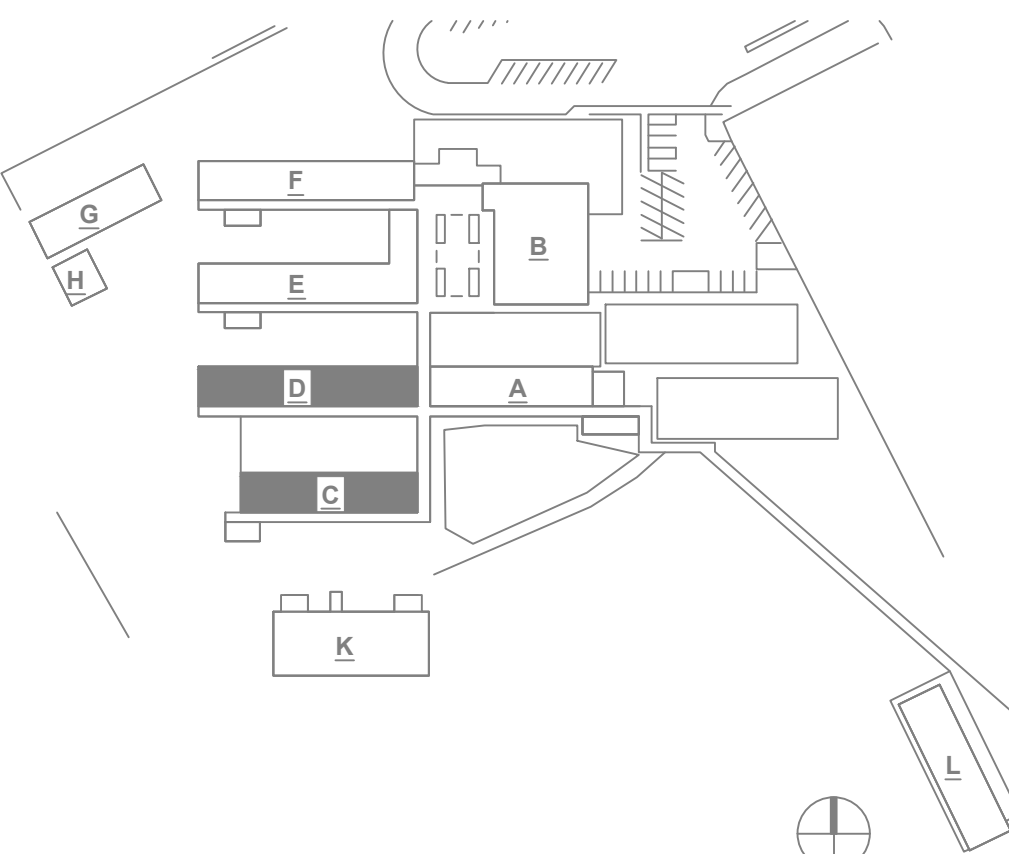
Checked By: TLK

Issue Date: 06/06/21

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E3.06

KEY PLAN



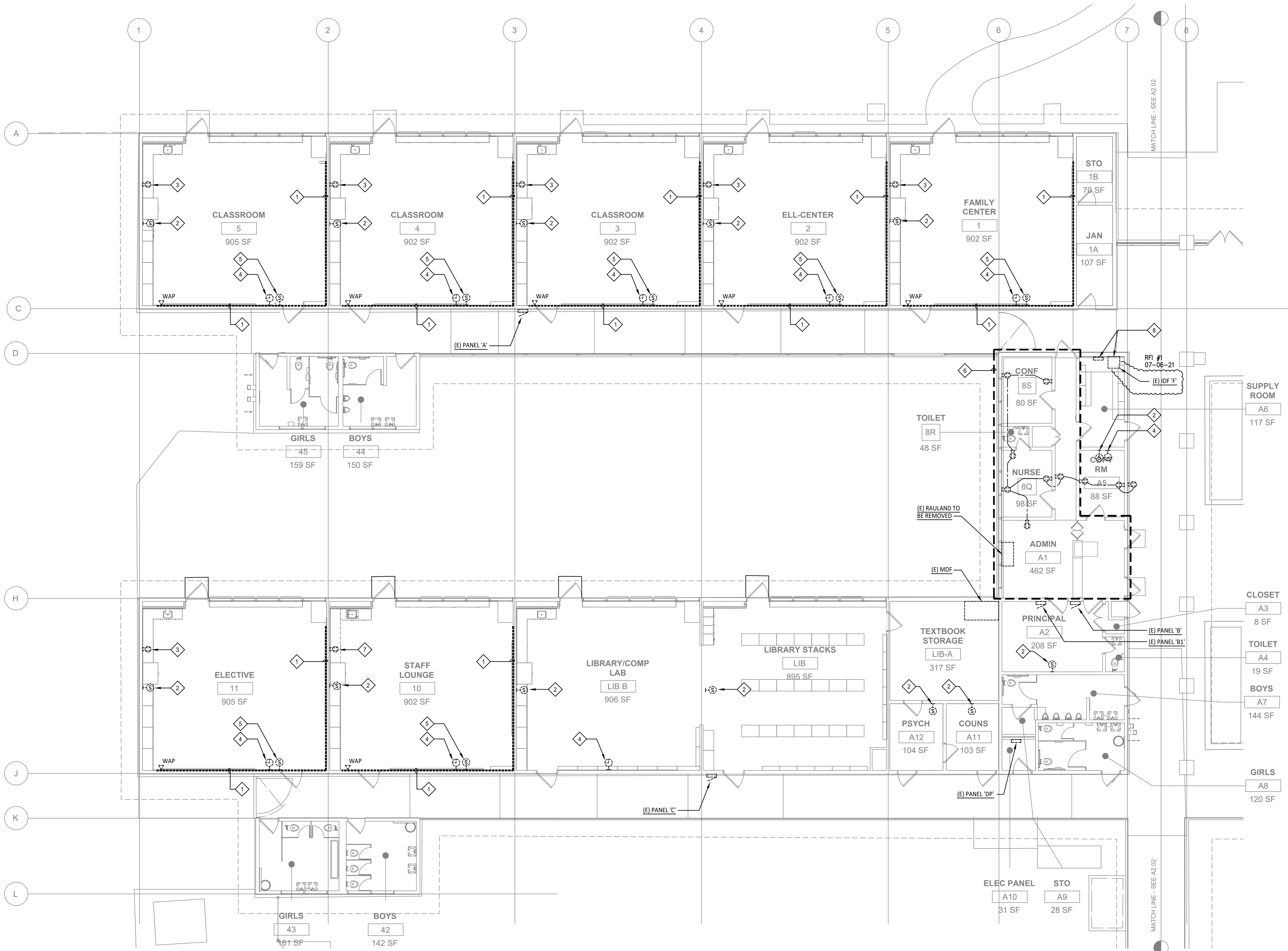
ELECTRICAL NEW POWER AND SIGNAL PLAN - UNITS C AND D

1/8" = 1'-0"

1



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SEE FOR TYPICAL CLASSROOM INTERIOR DEMO ELEVATIONS, U.O.N.

GENERAL NOTES

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- ALL POWER AND DATA SYSTEMS ARE TO REMAIN, UNLESS OTHERWISE NOTED.

SHEET NOTES

- EXISTING POWER AND DATA RACEWAY TO BE REMOVED AT LOWER LEVEL. POWER AND DATA SHALL BE RUN RECESSED IN WALL UP TO NEW RACEWAY ABOVE.
- EXISTING SPEAKER TO BE REPLACED WITH NEW UNIT.
- EXISTING GFI RECEPTACLE TO BE DISCONNECTED AND REMOVED.
- EXISTING CLOCK TO BE DISCONNECTED AND REMOVED.
- EXISTING SPEAKER TO BE REMOVED. PROVIDE BLANK COVER PLATE.
- EXISTING POWER AND DATA IN THIS AREA TO BE DISCONNECTED AND REMOVED.
- EXISTING GFI RECEPTACLE TO BE REPLACED WITH NEW. EXTEND CONDUIT AND CIRCUIT AS REQUIRED.
- EXISTING (3) ALTRONIX PANELS AND IDF AND 120V POWER TO BE DISCONNECTED AND REINSTALLED AND RECONNECTED TO ALLOW FOR INSTALLATION OF 2 HOUR WALL.



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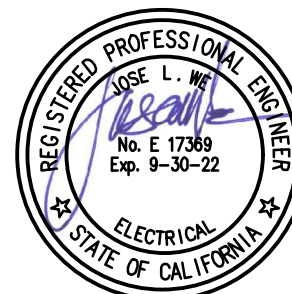
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HY ARCHITECTS JOB NUMBER 5338

Facility
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119 W Winton Ave, Hayward, CA 94544

Project
WINTON MIDDLE SCHOOL
MODERNIZATION

Sheet Title
ELECTRICAL DEMOLITION
POWER AND SIGNAL PLAN
UNITS E AND F

Client Project Number: Client Proj. #

Scale: AS NOTED

Drawn By: DAM

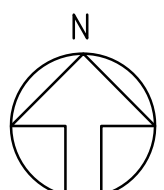
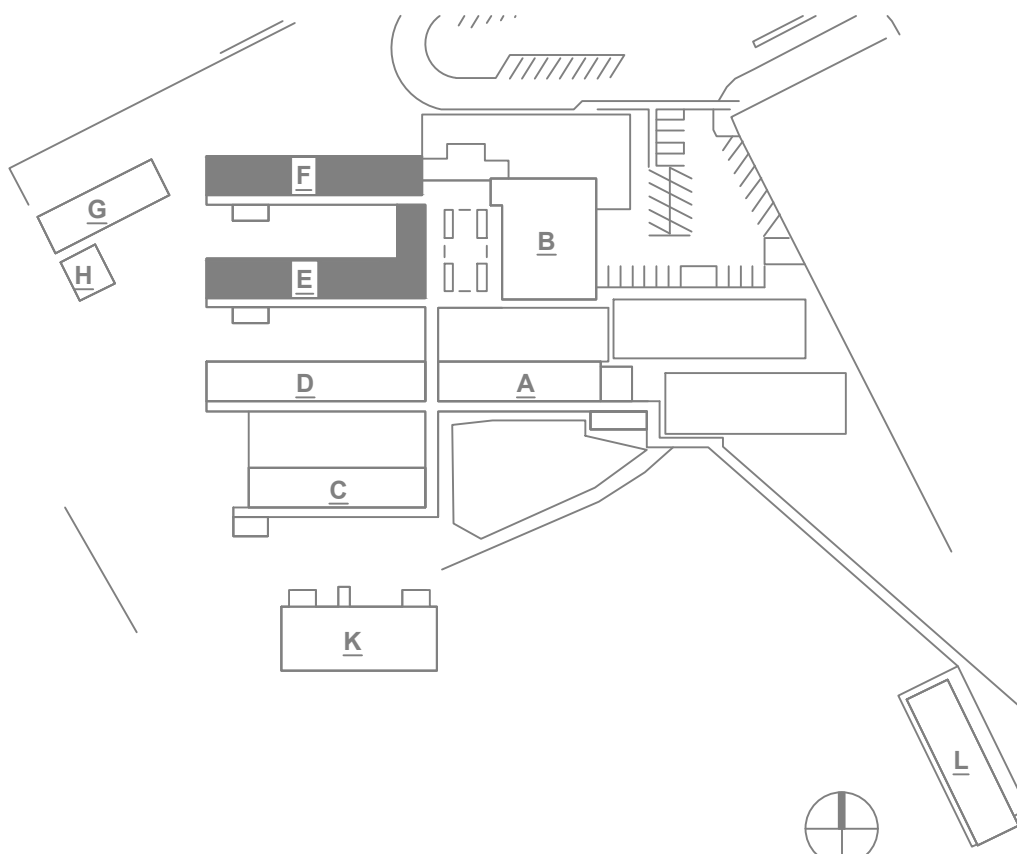
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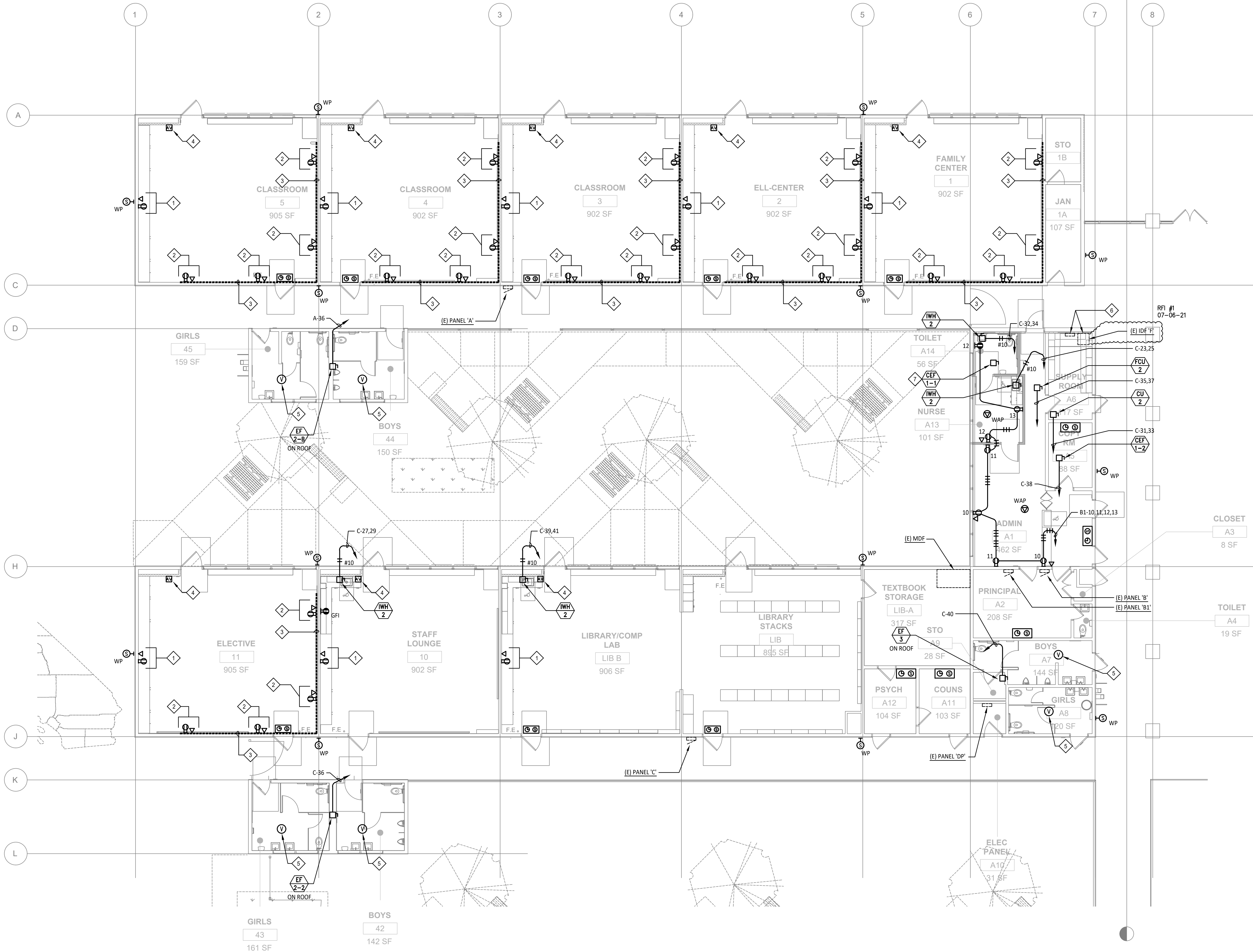
E3.07

KEY PLAN





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SHEET NOTES

1. POWER/DATA FOR TV MONITOR.
2. POWER AND DATA RECESSED IN WALL WITH CONDUIT RUN UP TO SURFACE RACEWAY.
3. DIVIDED SURFACE RACEWAY ABOVE. SEE DETAIL 8/E0.08 FOR CONNECTION OF RECESSED DEVICES TO RACEWAY.
4. AV CONTROLLER.
5. PROVIDE HALO VAPE SENSOR WITH (1) CAT 6 CABLE TO IDF.
6. RE-INSTALLED AND RECONNECTED ALTRONIX PANELS, IDF AND ASSOCIATED POWER.
7. CONNECT TO LIGHTING CIRCUIT AND CONTROL.



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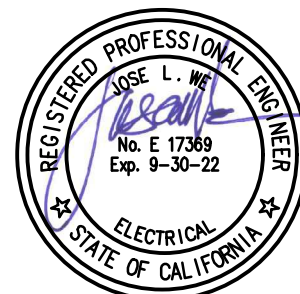
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HY ARCHITECTS JOB NUMBER 5338

Facility
WINTON MIDDLE SCHOOL
119 W Winton Ave, Hayward, CA 94544

Project
**WINTON MIDDLE SCHOOL
MODERNIZATION**

Sheet Title
**ELECTRICAL NEW
POWER AND SIGNAL PLAN
UNITS E AND F**

Client Project Number: Client Proj. #

Scale: AS NOTED

Drawn By: DAM

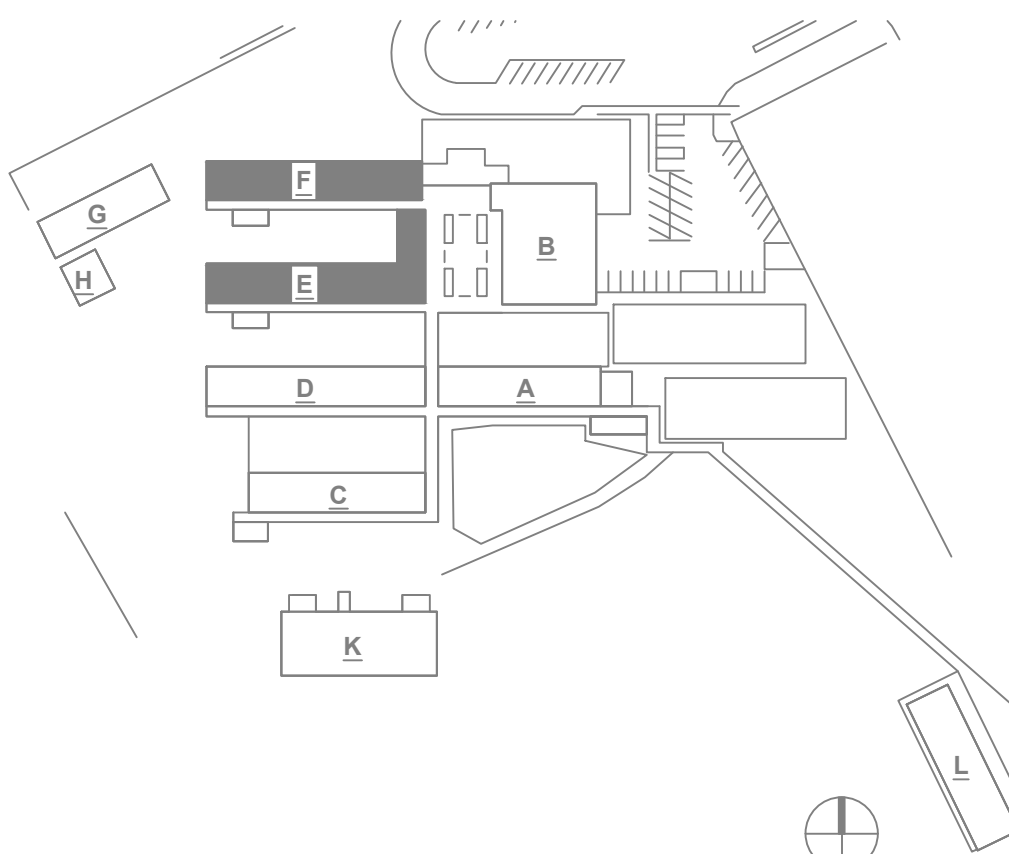
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E3.08

KEY PLAN



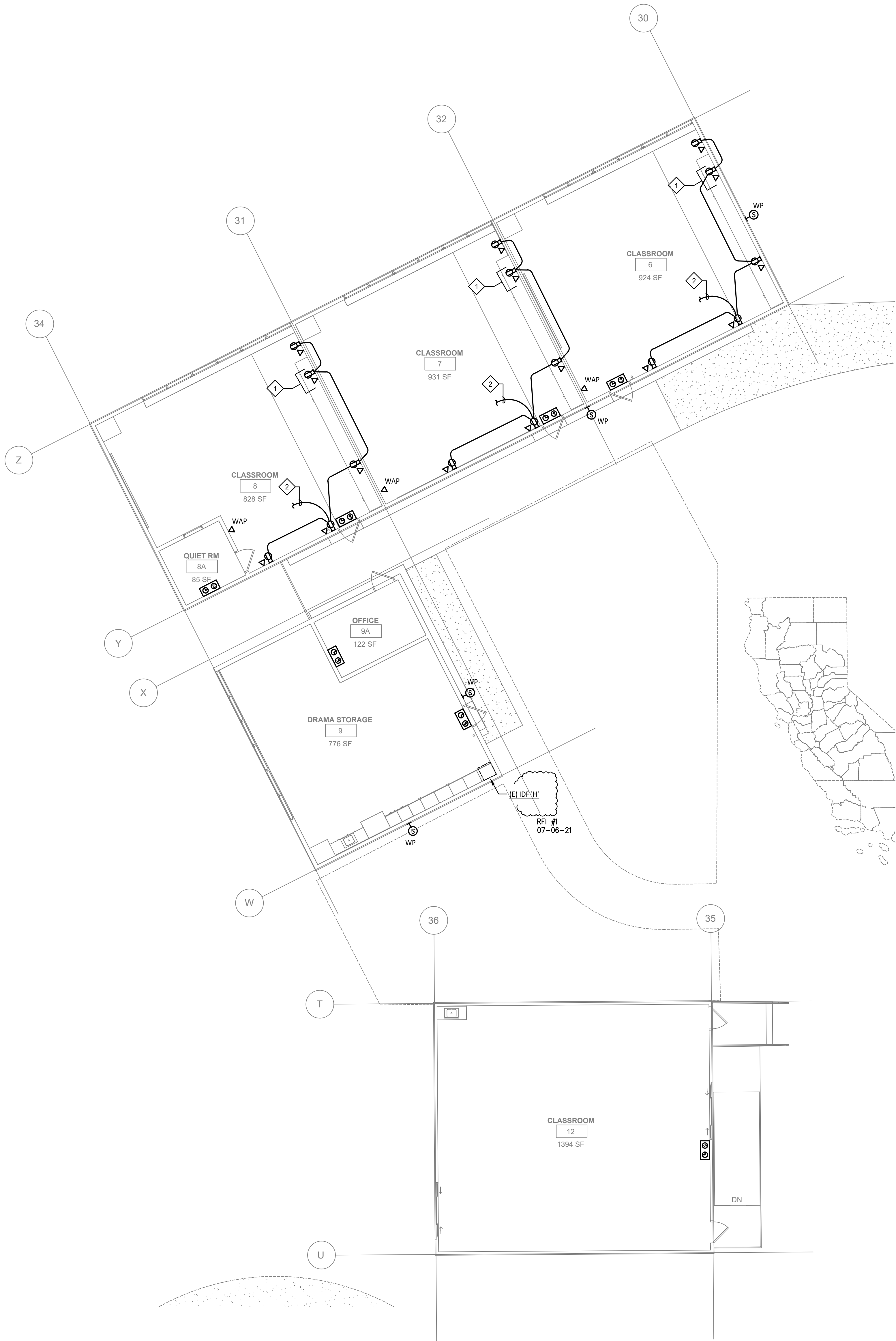
ELECTRICAL NEW POWER AND SIGNAL PLAN - UNITS E AND F

1/8" = 1'-0"

1



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SHEET NOTES

- POWER/DATA FOR TV MONITOR.
- CONNECT TO EXISTING CIRCUIT.



HAYWARD UNIFIED SCHOOL DISTRICT
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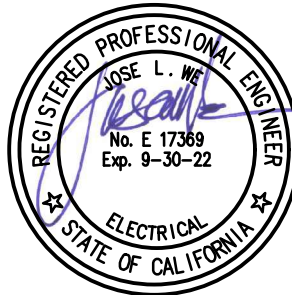
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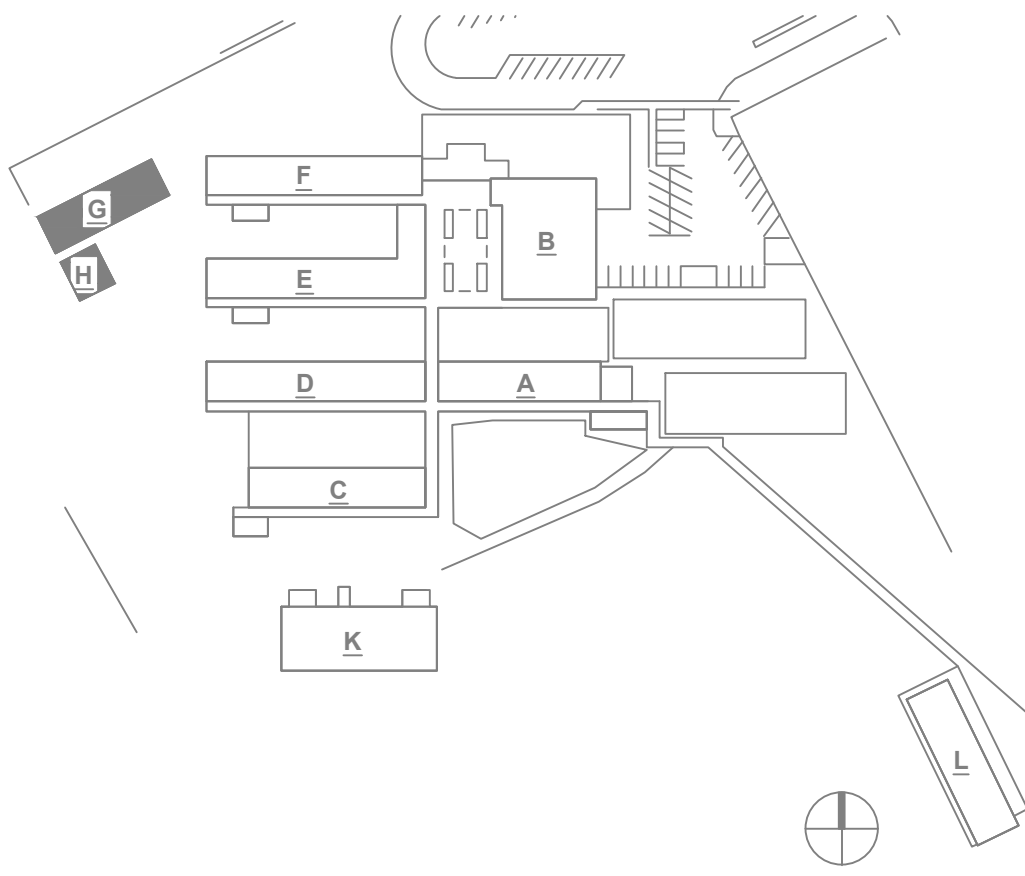
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KEY PLAN



WINTON MIDDLE SCHOOL
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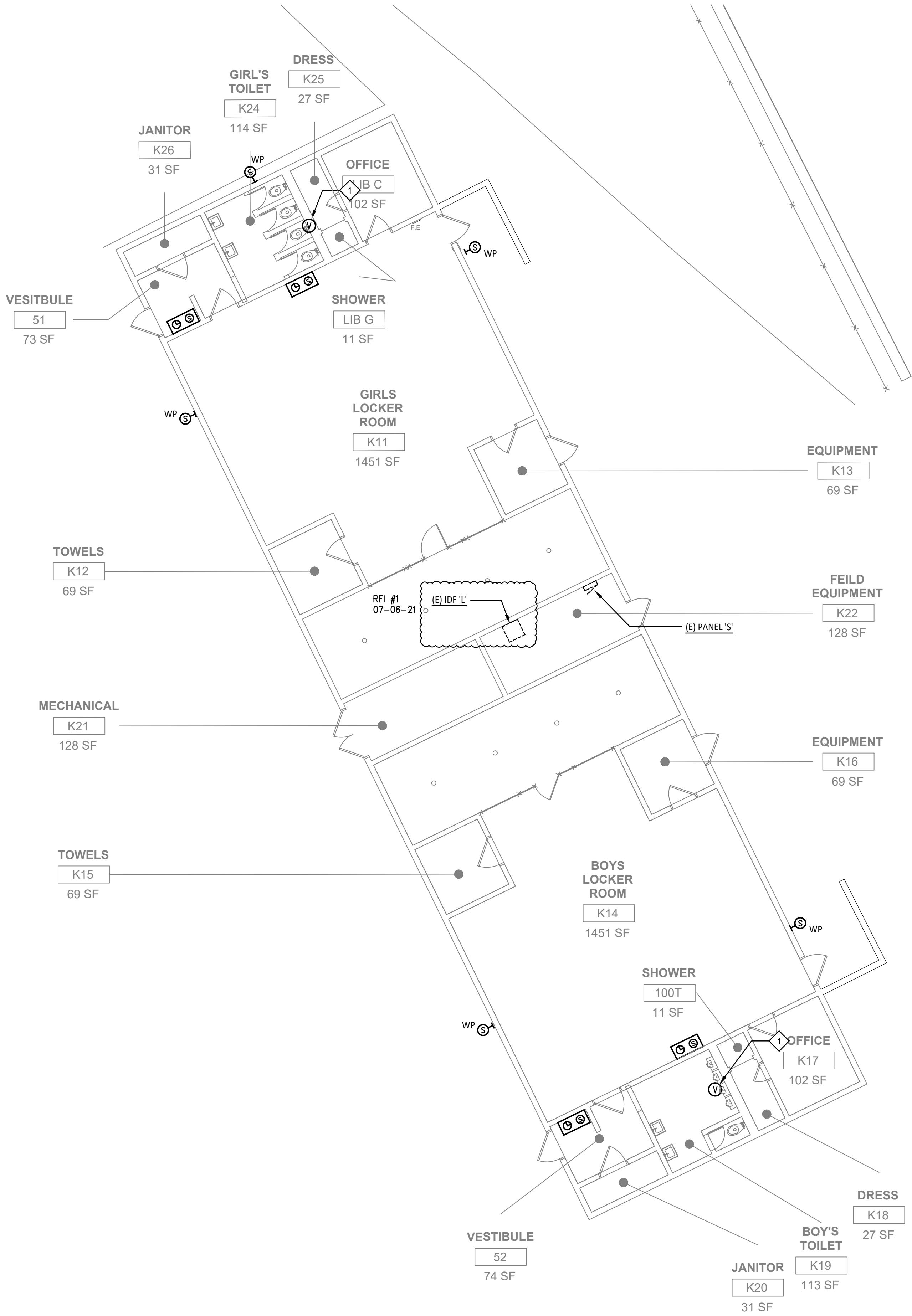
Project
**WINTON MIDDLE SCHOOL
MODERNIZATION**

Sheet Title
**ELECTRICAL NEW
POWER AND SIGNAL PLAN
UNITS G, H AND J**

Client Project Number:		Client Proj. #
Scale:	AS NOTED	E3.10
Drawn By:	DAM	
Checked By:	TLK	
Issue Date:	06/06/21	
Revit Version:	2019	



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2. ALL POWER AND DATA SYSTEMS ARE TO REMAIN, UNLESS OTHERWISE NOTED.

SHEET NOTES

- 1 PROVIDE HALO VAPE SENSOR WITH (1) CAT 6 CABLE TO IDF.



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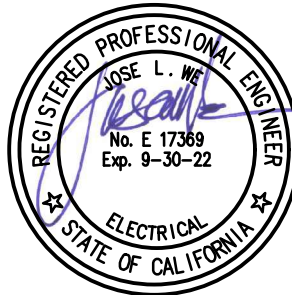
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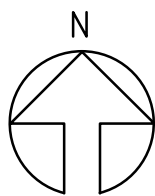
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Facility
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Project
WINTON MIDDLE SCHOOL
MODERNIZATION

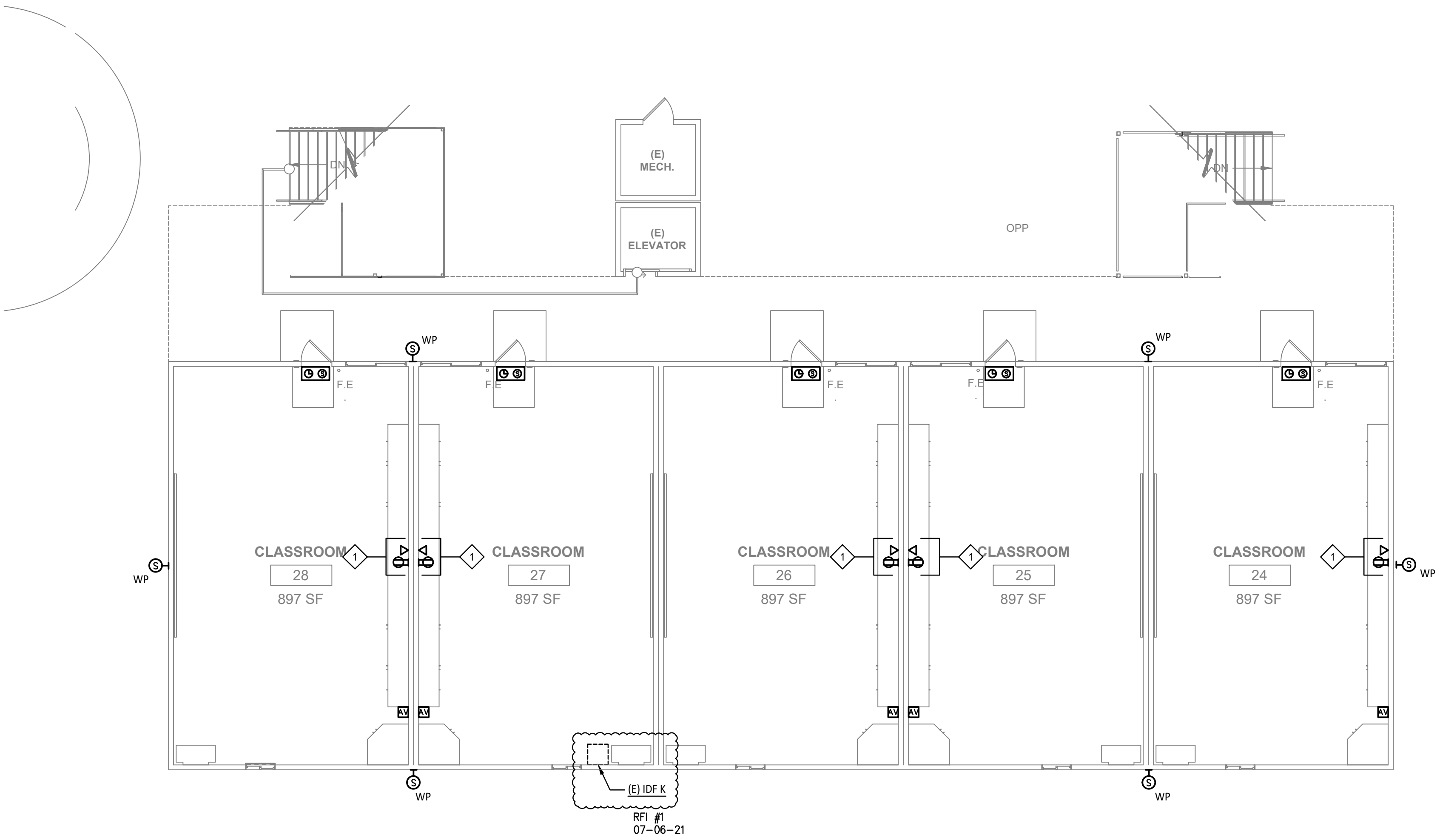
Sheet Title
ELECTRICAL NEW
POWER AND SIGNAL PLAN
UNIT L

Client Project Number:		Client Proj. #
Scale:	AS NOTED	Sheet
Drawn By:	DAM	E3.12
Checked By:	TLK	
Issue Date:	06/06/21	
Revit Version:	2019	

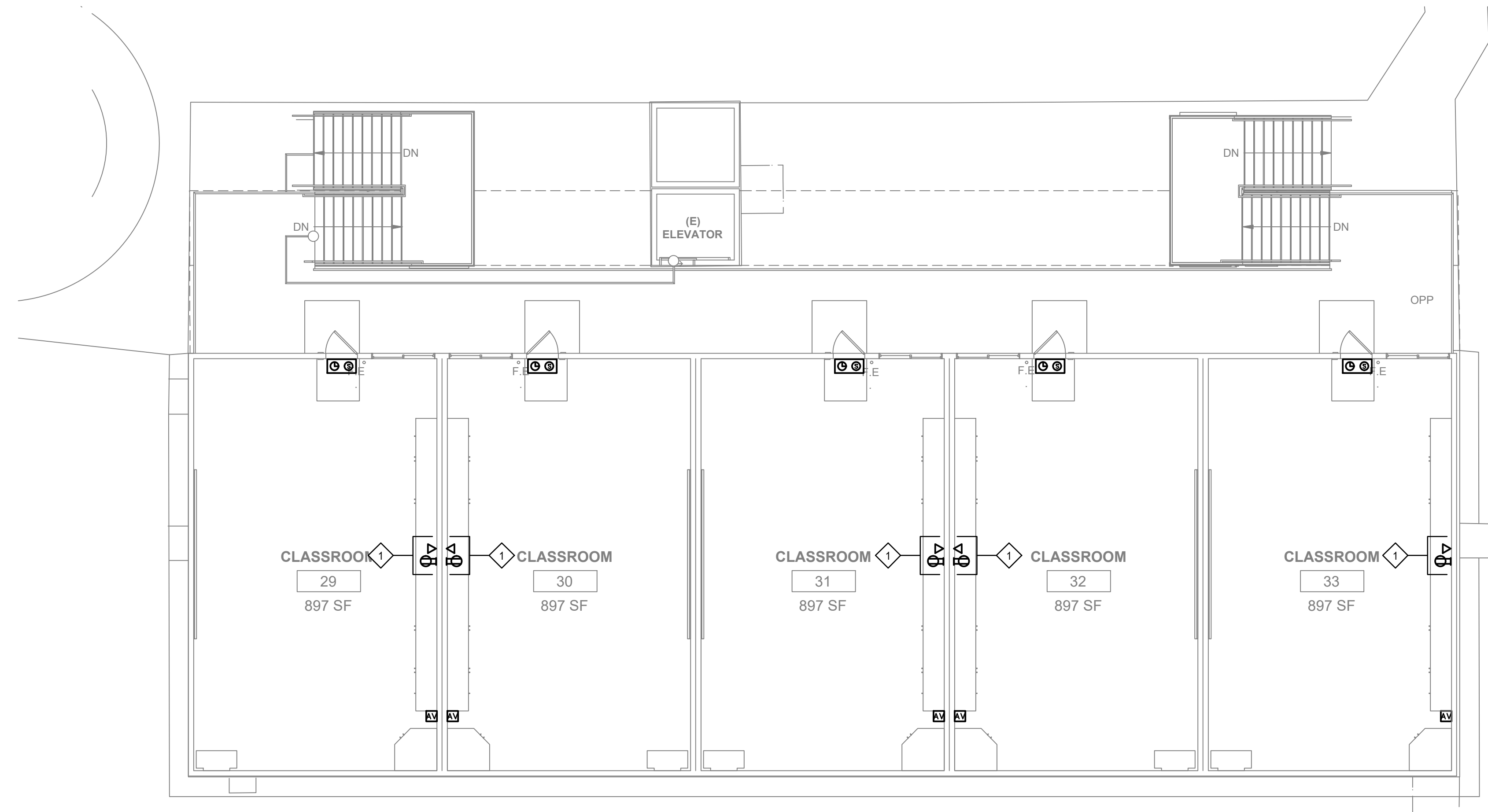




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ELECTRICAL POWER AND SIGNAL PLAN - UNIT K 1ST FLOOR 1/8" = 1'-0" 1



ELECTRICAL POWER AND SIGNAL PLAN - UNIT K 2ND FLOOR 1/8" = 1'-0" 2

GENERAL NOTES

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SHEET NOTES

- 1 POWER/DATA FOR TV MONITOR.



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Revisions				
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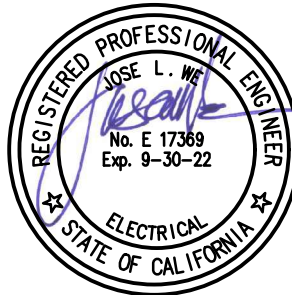
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Project
WINTON MIDDLE SCHOOL
MODERNIZATION

Sheet Title
ELECTRICAL
POWER AND SIGNAL PLANS
UNIT K

Client Project Number:		Client Proj. #
Scale:	AS NOTED	E3.14
Drawn By:	DAM	
Checked By:	TLK	
Issue Date:	06/06/21	
Revit Version:	2019	

KEY PLAN

