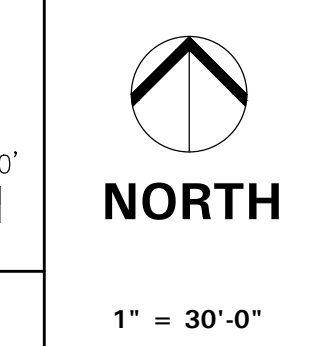


- KEYNOTES**
- ① SEE DETAIL F/ET-5.3 FOR CABLE DISTRIBUTION.
 - ② SEE DETAIL D/ET-5.3 FOR LABELING.
 - ③ SEE DETAIL C/ET-5.3 FOR LABELING.

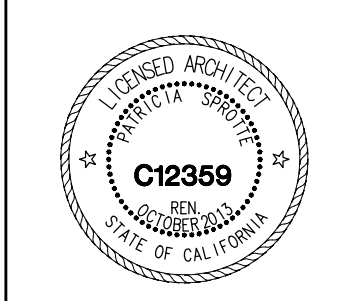
TRENCHING NOTE

LOCATIONS OF EXISTING UNDERGROUND UTILITY AND OTHER UNDERGROUND OBSTRUCTIONS AND CONDITIONS ARE GENERALLY UNKNOWN. HIRE A UTILITY LOCATING SERVICE TO LOCATE ALL EXISTING UNDERGROUND UTILITIES PRIOR TO DIGGING. VERIFY EXACT LOCATION SIZE AND EXTENT OF ALL OBSTRUCTIONS AND OTHER CONDITIONS WHICH MAY AFFECT THE PROPOSED WORK UNDER THE PROJECT. TAKE EVERY PRECAUTION TO PREVENT DAMAGE TO EXISTING WORK INCLUDING HAND DIGGING AROUND EXISTING UTILITIES, TREE ROOT SYSTEMS, AND HARDSCAPE FEATURES. ANY DAMAGE TO EXISTING UTILITIES OR STRUCTURES SHALL BE IMMEDIATELY REPAIRED OR REPLACED IN ACCORDANCE WITH THE CLIENT'S DIRECTION AT THE CONTRACTOR'S EXPENSE.



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STATE OF CALIFORNIA
MARK FORTIE, RCDD
REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
BICSI
EXPIRES 12/31/13
Regis. No. 081432
04/02/12



CONSULTANT

APPROVALS

DESCRIPTION

SIGNAL
SITE PLAN

DATE

04-05-2012

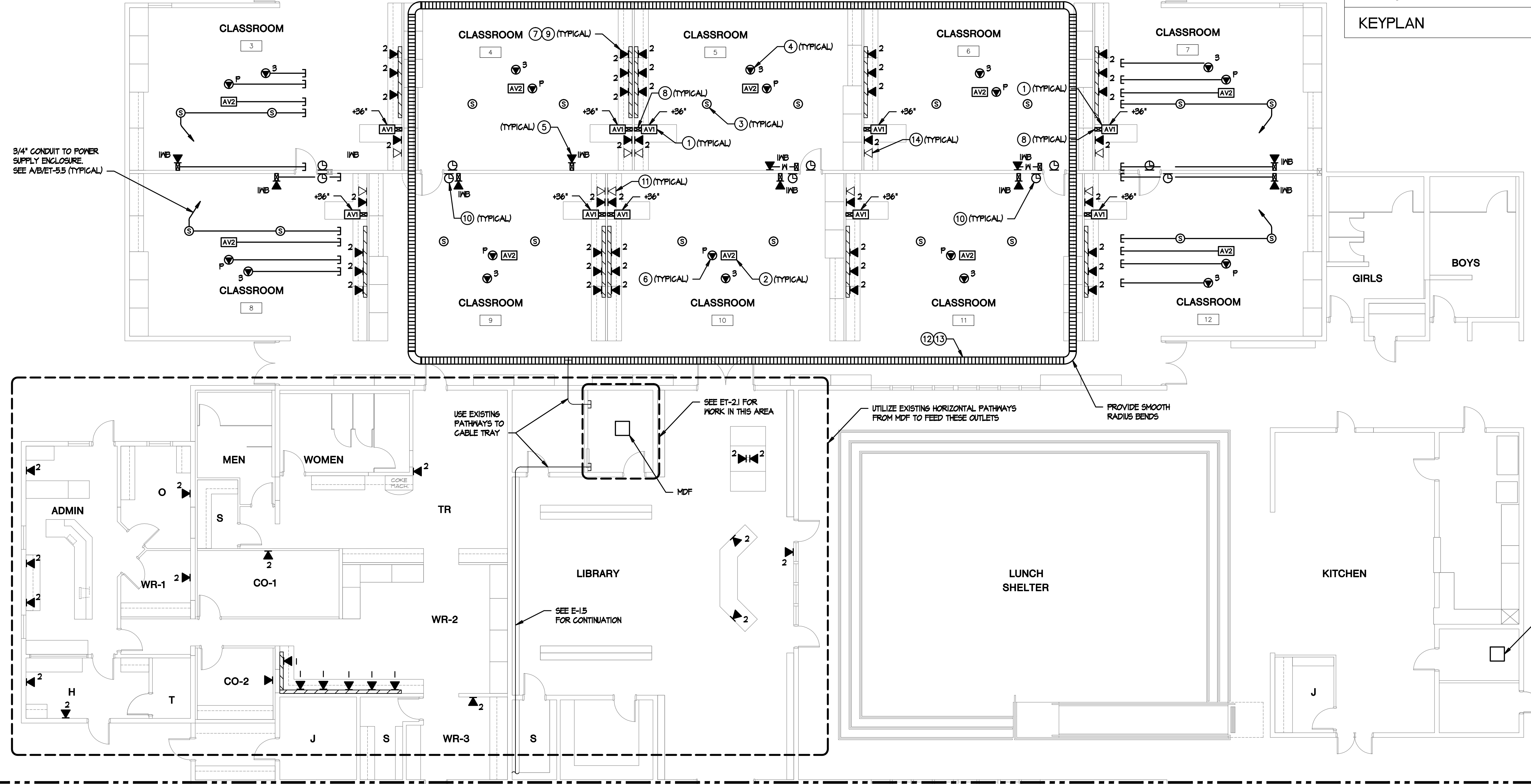
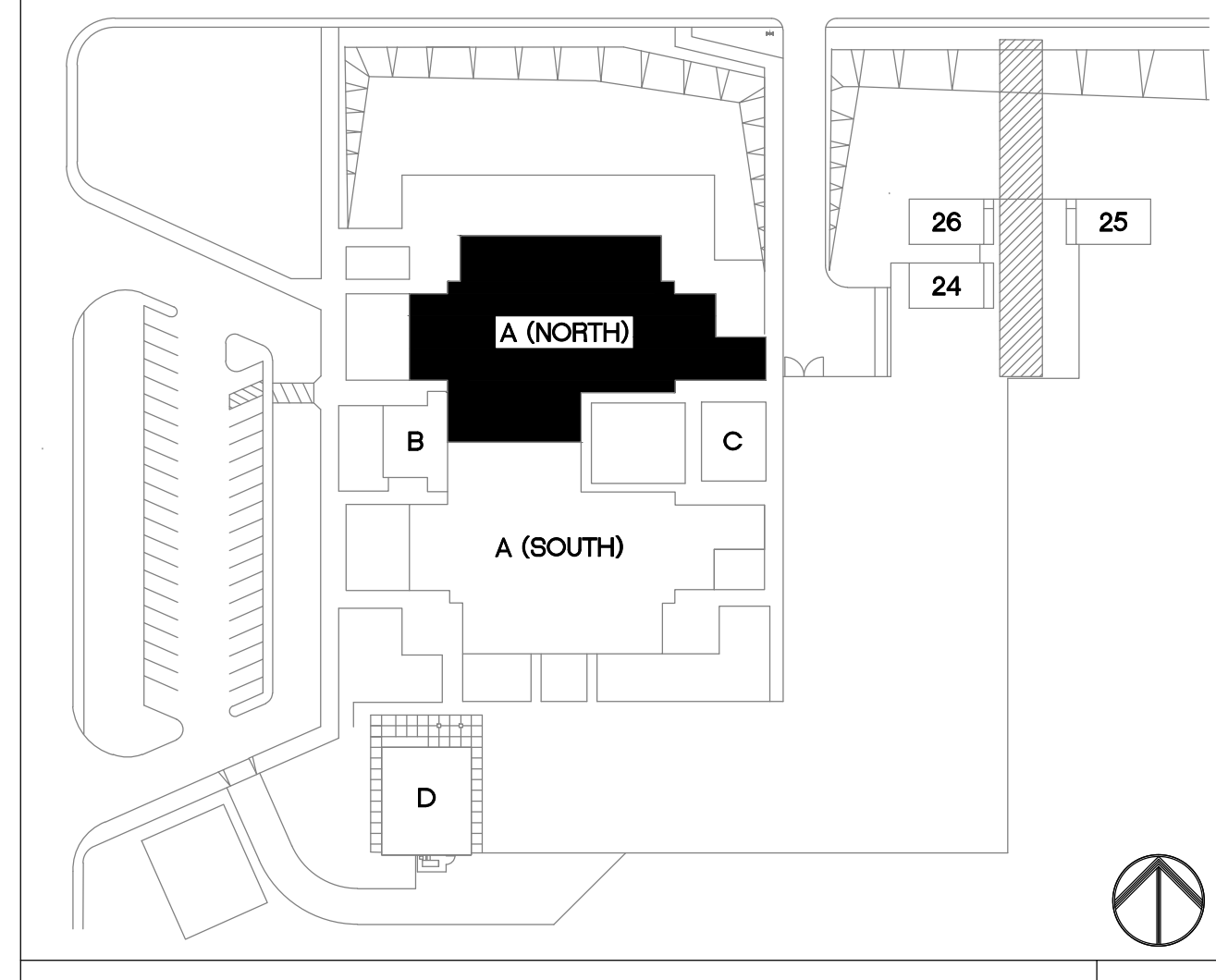
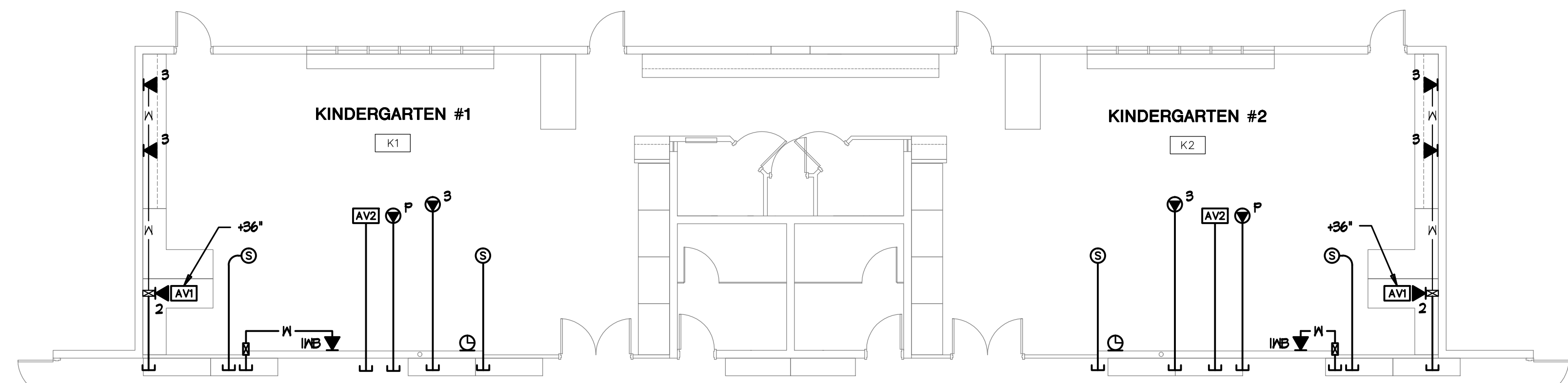
JOB #

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SHEET #

E-04

SIGNAL SITE PLAN

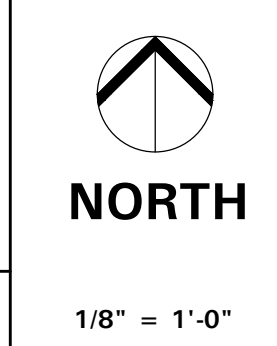


- GENERAL KEYNOTES**
1. IN CLASSROOMS WITH DROP CEILING, PROVIDE J-HOOK SUPPORTS EVERY 4' TO CABLE TRAY FOR WIRING. SEE DETAIL G/ET-5.2 FOR J-HOOK DETAIL.
 2. IN CLASSROOMS WITHOUT DROP CEILING, PROVIDE NEW CONDUIT TO NEW DATA OUTLETS FROM CABLE TRAY. EXTEND EXISTING CONDUIT FROM EXISTING OUTLETS AND TERMINATE AT CABLE TRAY.

SIGNAL PLAN KEYNOTES

- 1 AV1 OUTLET MOUNTED AT TEACHER'S STATION LOCATION AT 48" AFF. SEE ET-5.4 FOR DETAILS.
- 2 AV2 OUTLET MOUNTED AT CEILING MOUNTED PROJECTOR LOCATION. SEE ET-5.4 & ET-5.5 FOR DETAILS.
- 3 AUDIOVISUAL SPEAKER FLUSH IN CEILING TILE. SEE ET-5.4 & ET-5.5 FOR DETAILS.
- 4 (3) PORT CATEGORY 6 CEILING MOUNTED DATA OUTLET FLUSH IN CEILING TILE DESIGNATED FOR WIRELESS NETWORK.
- 5 (1) PORT CATEGORY 6 DATA OUTLET DESIGNATED FOR FUTURE INTERACTIVE WHITEBOARD. LOCATION TO BE WITHIN 12" OF AN EXISTING POWER RECEPTACLE, CLOSEST TO CENTER OF TEACHING WALL AT 48" AFF.
- 6 (1) PORT CATEGORY 6 DATA OUTLET AT PROJECTOR DESIGNATED FOR PROJECTOR MONITORING. CONTRACTOR TO COORDINATE EXACT LOCATION WITH CEILING MOUNTED PROJECTOR MOUNTING PLATE.
- 7 CATEGORY 6 DATA OUTLET. PROVIDE NEW CATEGORY 6 DATA JACK AND CABLE TO IDF. UTILIZE EXISTING RACEWAY FOR INSTALLATION. SEE RISER DIAGRAM A/ET-1.3 FOR DETAILS.
- 8 NEW MULTI-CHANNEL SURFACE RACEWAY INTO CEILING SPACE. PROVIDE EXTRON 2-SANS END SERIES WALL BOX FOR AV INTERFACE. SEE DETAIL A/ET-5.5.
- 9 SEE A/B/ET-5.3 FOR LABELING DETAILS.
- 10 DISTRICT INSTALLED GPS/SATELLITE CLOCK.
- 11 EXISTING PHONE AND ASSOCIATED CABLING TO REMAIN.
- 12 12" WIDE X 4" D BASKET TYPE CABLE TRAY MOUNTED ABOVE CEILING GRID. SEE DETAIL A/ET.2 FOR INSTALLATION.
- 13 PROVIDE CONTINUOUS #6 GROUND FOR ENTIRE LENGTH OF CABLE TRAY SYSTEM. BOND EVERY SECTION AND EVERY CONDUIT. BOND TO T&B IN IDF ROOM.
- 14 EXISTING VOICE TO REMAIN.

BUILDING A AREA A - SIGNAL PLAN



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04/02/12



CONSULTANT

APPROVALS

DESCRIPTION

BUILDING A AREA A SIGNAL PLAN

DATE

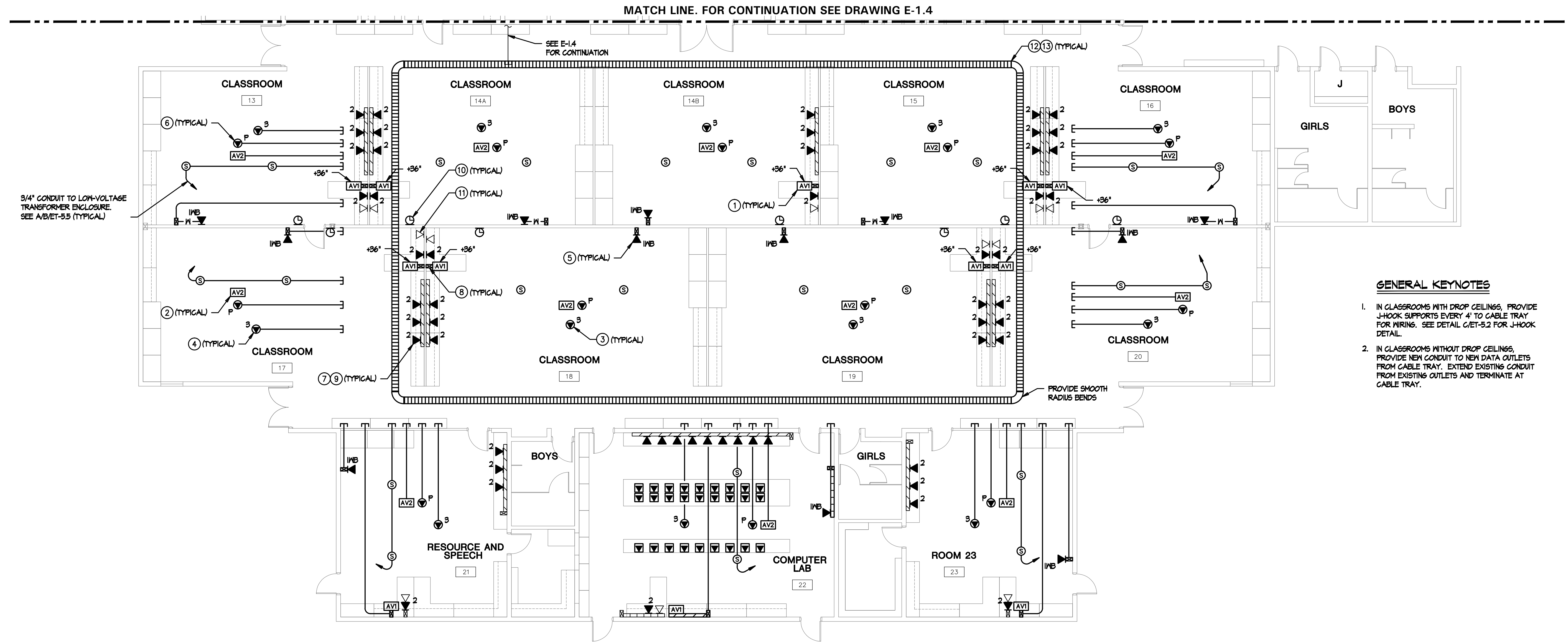
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JOB #

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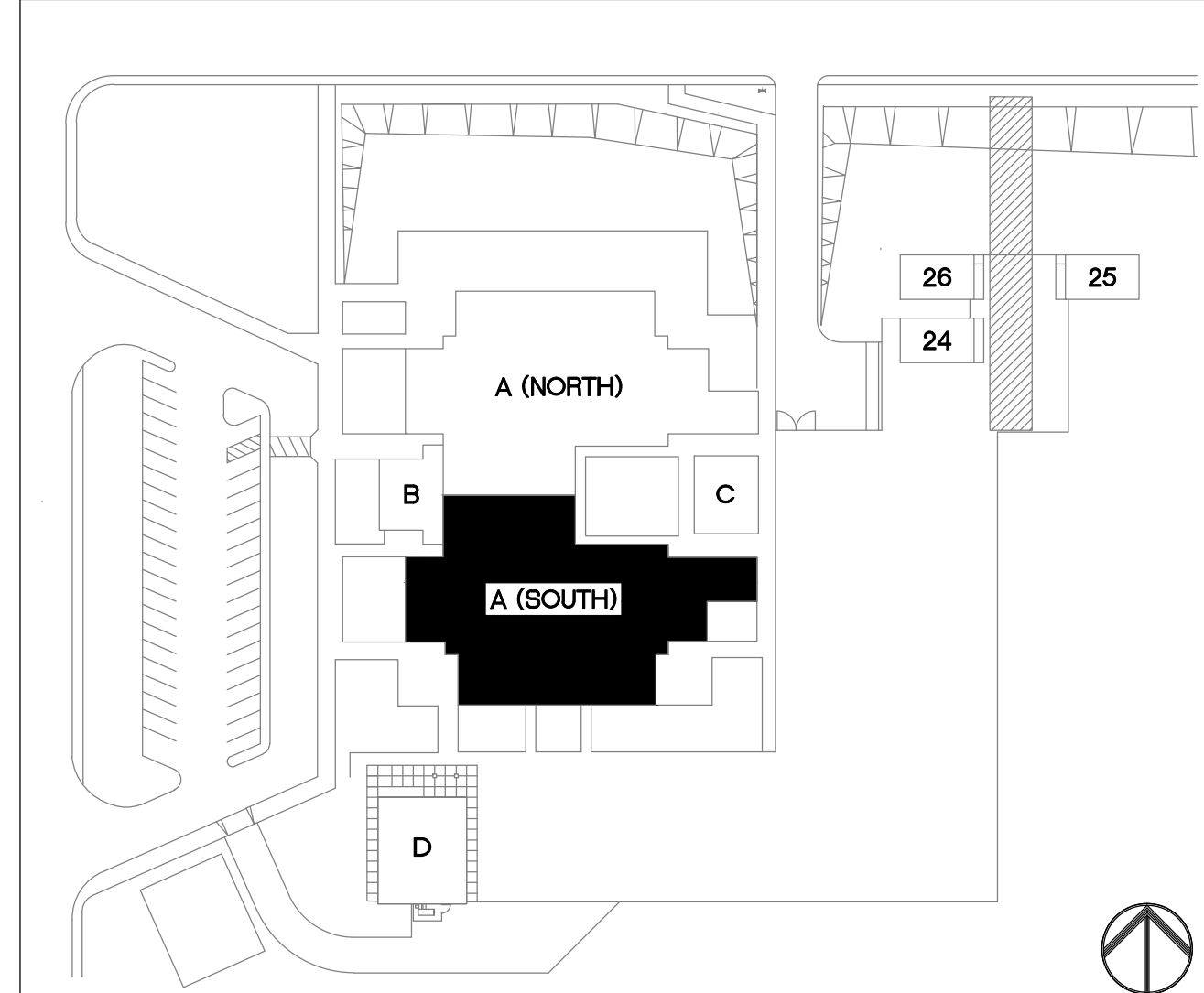
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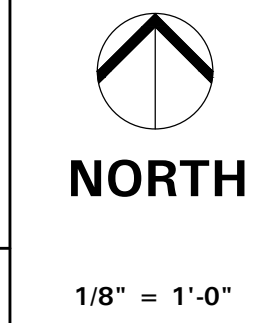
3/4" CONDUIT TO LOW-VOLTAGE TRANSFORMER ENCLOSURE. SEE AV/ET-5.5 (TYPICAL)

- GENERAL KEYNOTES**
1. IN CLASSROOMS WITH DROP CEILINGS, PROVIDE J-HOOK SUPPORTS EVERY 4' TO CABLE TRAY FOR WIRING. SEE DETAIL G/ET-9.2 FOR J-HOOK DETAIL.
 2. IN CLASSROOMS WITHOUT DROP CEILINGS, PROVIDE NEW CONDUIT TO NEW DATA OUTLETS FROM CABLE TRAY. EXTEND EXISTING CONDUIT FROM EXISTING OUTLETS AND TERMINATE AT CABLE TRAY.

- SIGNAL PLAN KEYNOTES**
- 1 AV1 OUTLET MOUNTED AT TEACHER'S STATION LOCATION AT +18" AFF. SEE ET-5.4 FOR DETAILS.
 - 2 AV2 OUTLET MOUNTED AT CEILING MOUNTED PROJECTOR LOCATION. SEE ET-5.4 & ET-5.5 FOR DETAILS.
 - 3 AUDIO/VISUAL SPEAKER FLUSH IN CEILING TILE. SEE ET-5.4 & ET-5.5 FOR DETAILS.
 - 4 (S) PORT CATEGORY 6 CEILING MOUNTED DATA OUTLET FLUSH IN CEILING TILE DESIGNATED FOR WIRELESS NETWORK.
 - 5 (I) PORT CATEGORY 6 DATA OUTLET DESIGNATED FOR FUTURE INTERACTIVE WHITEBOARD. LOCATION TO BE WITHIN 12' OF AN EXISTING POWER RECEPTACLE, CLOSEST TO CENTER OF TEACHING MALL AT +18" AFF.
 - 6 (I) PORT CATEGORY 6 DATA OUTLET AT PROJECTOR DESIGNATED FOR PROJECTOR MONITORING. CONTRACTOR TO COORDINATE EXACT LOCATION WITH CEILING MOUNTED PROJECTOR MOUNTING PLATE.
 - 7 CATEGORY 6 DATA OUTLET. PROVIDE NEW CATEGORY 6 DATA JACK AND CABLE TO IDF. UTILIZE EXISTING RACEWAY FOR INSTALLATION. SEE RISER DIAGRAM AV/ET-1.3 FOR DETAILS.
 - 8 NEW MULTI-CHANNEL SURFACE RACEWAY INTO CEILING SPACE. PROVIDE EXTRON 2-6GANG EMB SERIES WALL BOX FOR AV INTERFACE. SEE DETAIL AV/ET-5.5.
 - 9 SEE AV/ET-5.3 FOR LABELING DETAILS.
 - 10 DISTRICT INSTALLED GPS/SATELLITE CLOCK.
 - 11 EXISTING PHONE AND ASSOCIATED CABLING TO REMAIN.
 - 12 12" WIDE X 4" D BASKET TYPE CABLE TRAY. SEE DETAIL AV/ET5.2 FOR INSTALLATION.
 - 13 PROVIDE CONTINUOUS #6 GROUND FOR ENTIRE LENGTH OF CABLE TRAY SYSTEM. BOND EVERY SECTION AND EVERY CONDUIT. BOND TO T6B IN IDF ROOM.



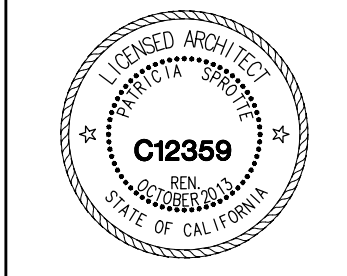
KEYPLAN NTS



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04/02/12

BUILDING A AREA B - SIGNAL PLAN



IT UPGRADE
AVOCADO ELEMENTARY SCHOOL
CAJON VALLEY UNION SCHOOL DISTRICT
3845 AVOCADO SCHOOL ROAD
EL CAJON, CA 91941

CONSULTANT

APPROVALS

DESCRIPTION

**BUILDING A
AREA B
SIGNAL PLAN**

DATE

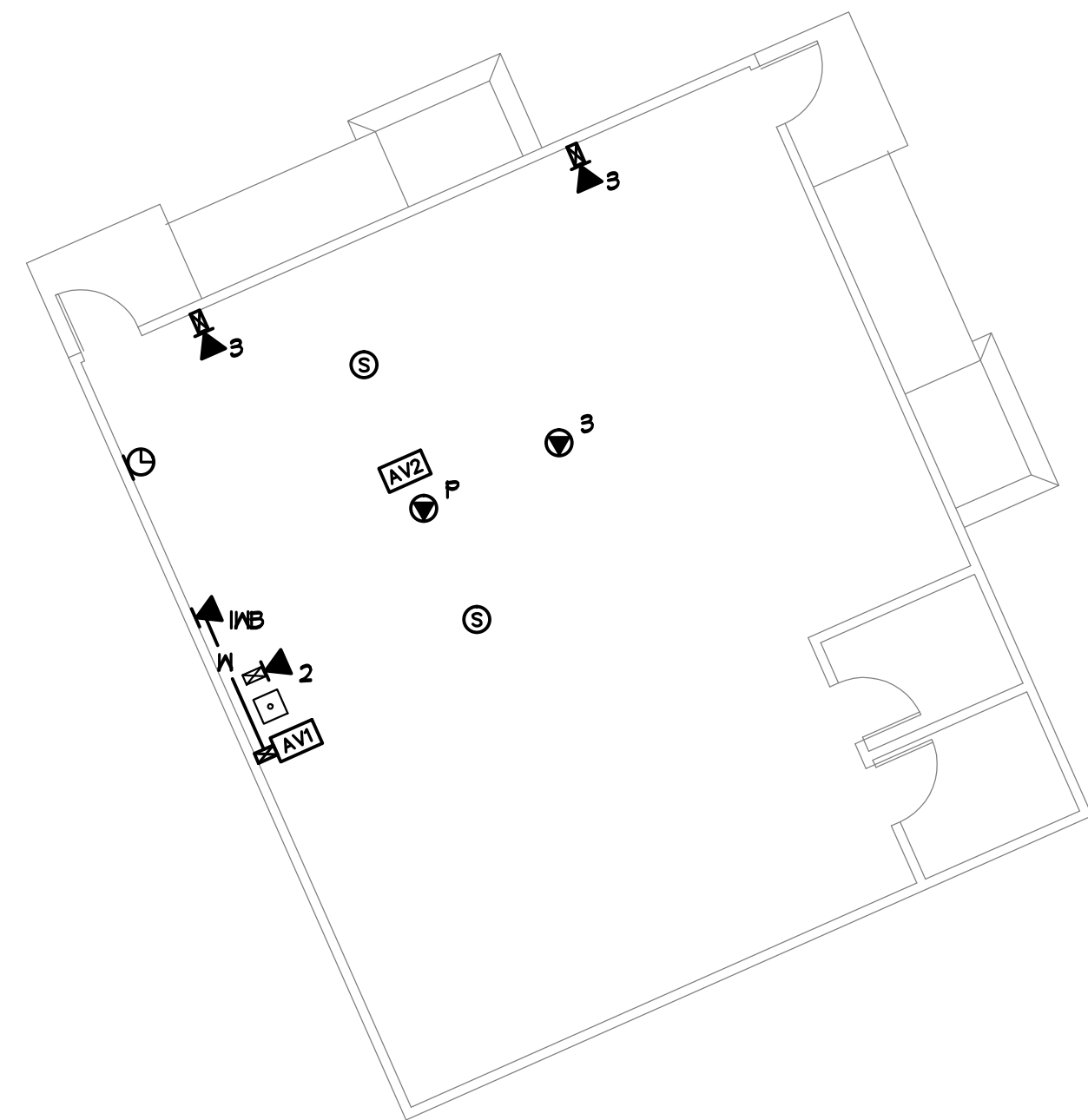
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JOB #

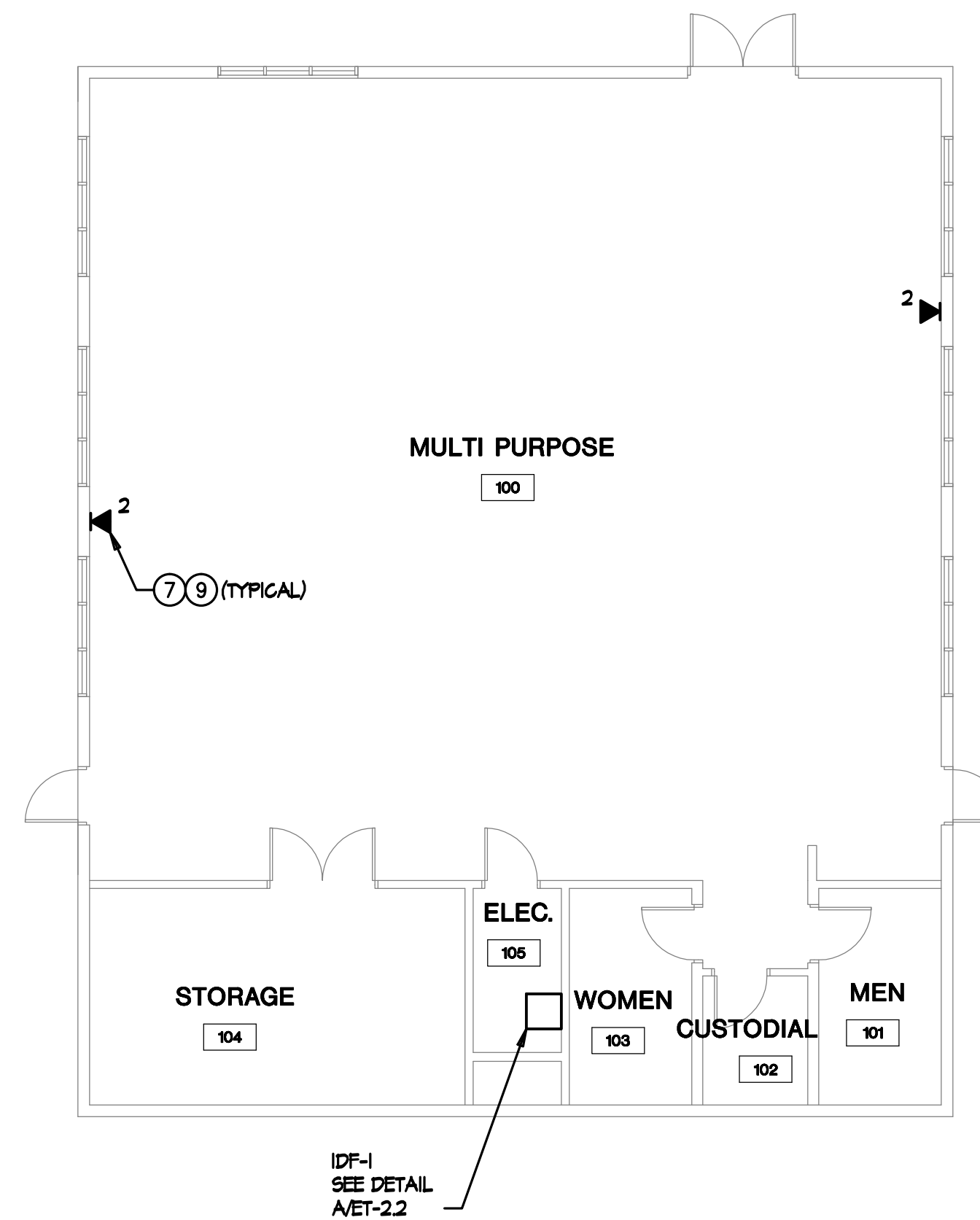
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SHEET #

E-15



EXTENDED DAY BUILDING - SIGNAL PLAN

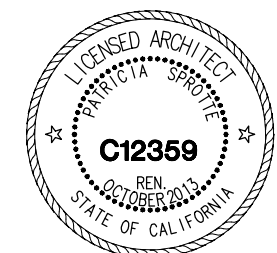


BUILDING D - SIGNAL PLAN

SIGNAL PLAN KEYNOTES

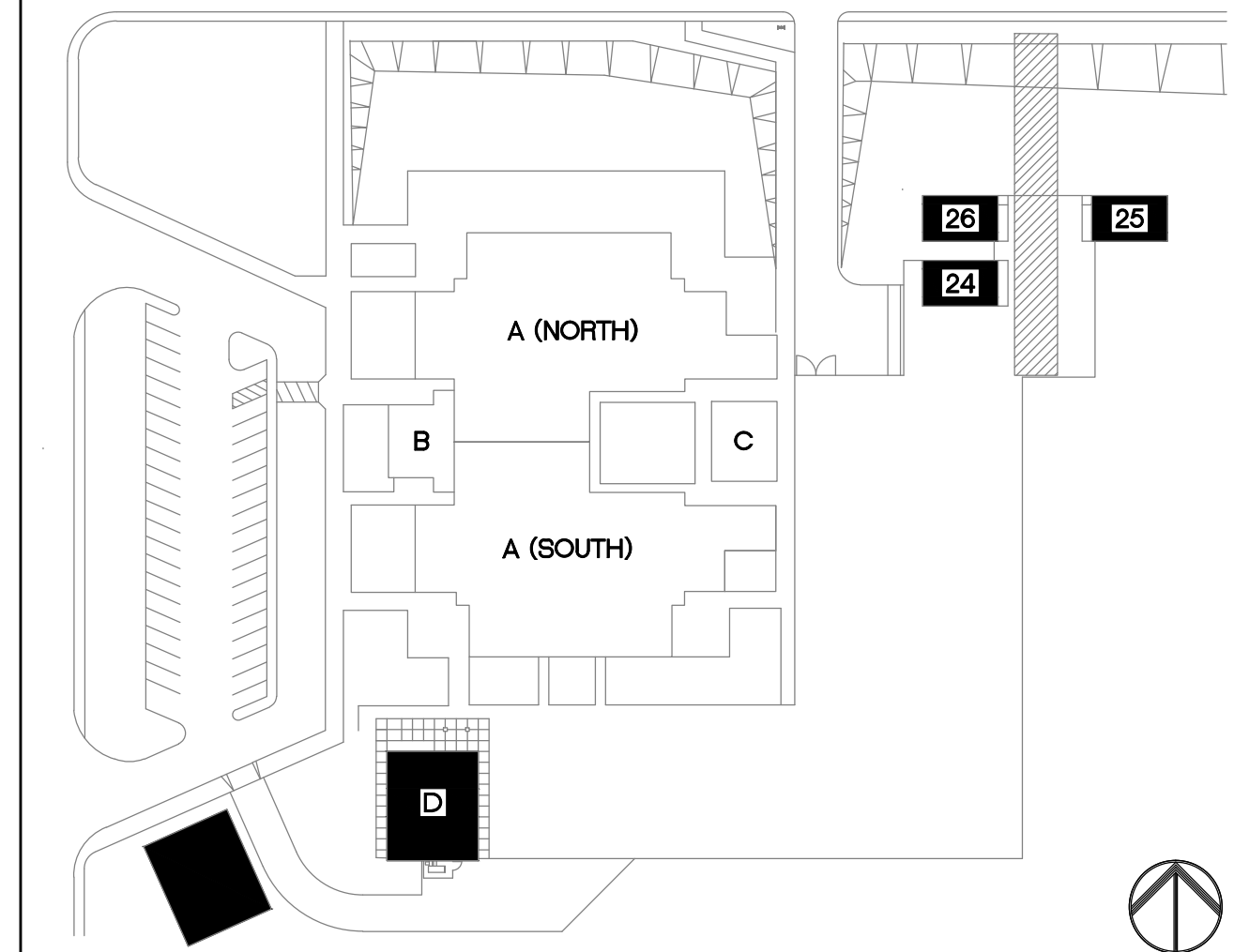
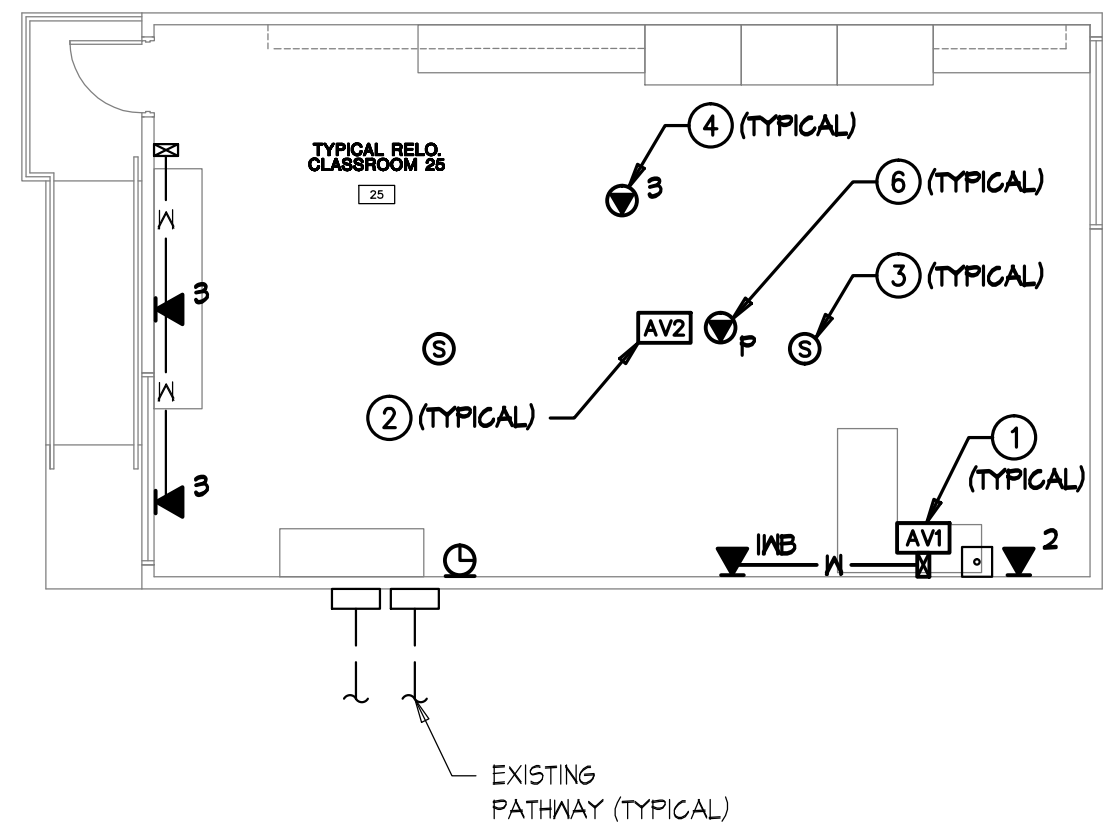
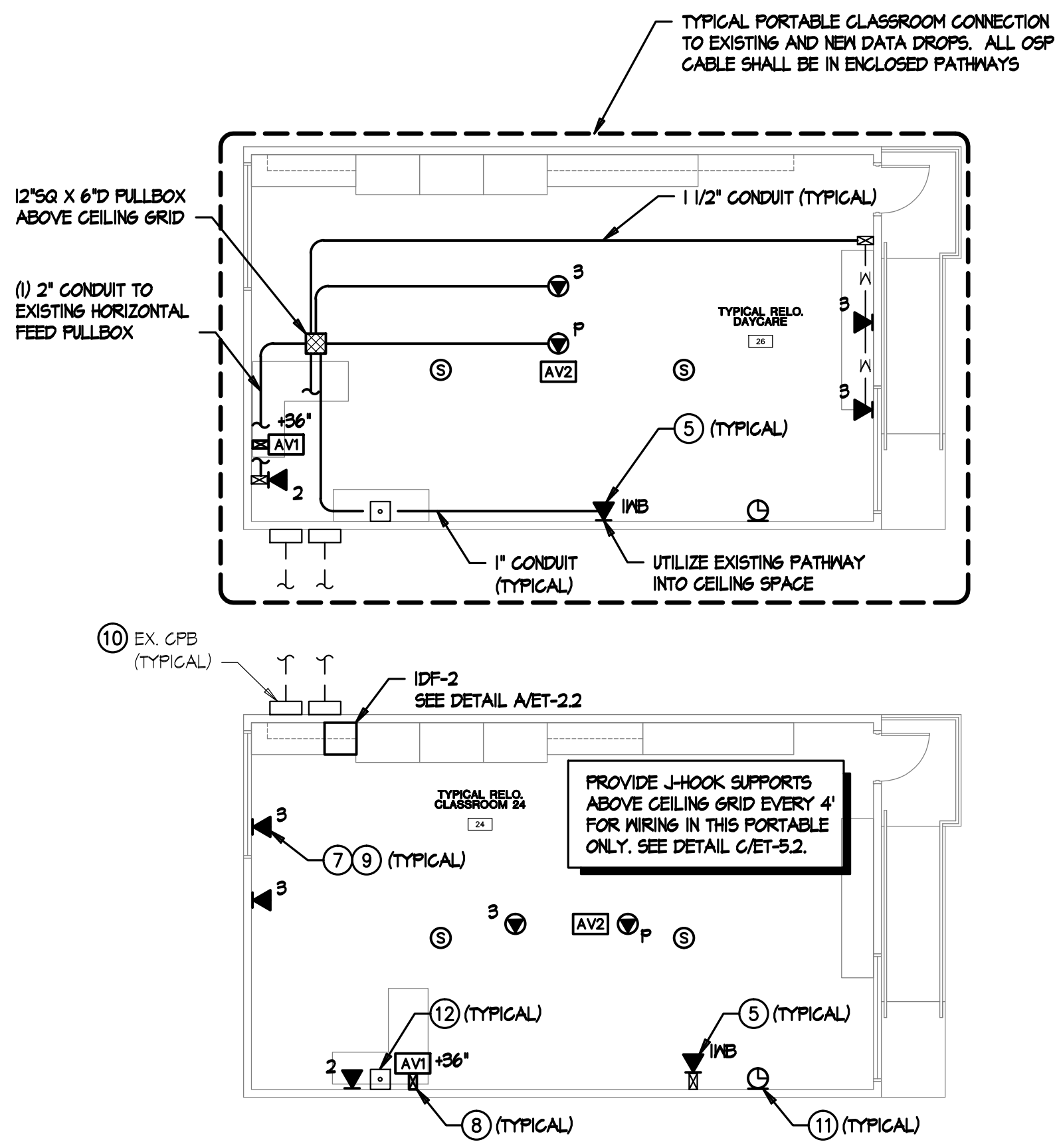
- ① AV1 OUTLET MOUNTED AT TEACHER'S STATION LOCATION AT +10' AFF. SEE ET-5.4 FOR DETAILS.
- ② AV2 OUTLET MOUNTED AT CEILING MOUNTED PROJECTOR LOCATION. SEE ET-5.4 & ET-5.5 FOR DETAILS.
- ③ AUDIO/VISUAL SPEAKER FLUSH IN CEILING TILE. SEE ET-5.4 & ET-5.5 FOR DETAILS.
- ④ (B) PORT CATEGORY 6 CEILING MOUNTED DATA OUTLET FLUSH IN CEILING TILE DESIGNATED FOR WIRELESS NETWORK.
- ⑤ (I) PORT CATEGORY 6 DATA OUTLET DESIGNATED FOR FUTURE INTERACTIVE WHITEBOARD. LOCATION TO BE WITHIN 12" OF AN EXISTING POWER RECEPTACLE, CLOSEST TO CENTER OF TEACHING WALL AT +10' AFF.
- ⑥ (I) PORT CATEGORY 6 DATA OUTLET AT PROJECTOR DESIGNATED FOR PROJECTOR MONITORING. CONTRACTOR TO COORDINATE EXACT LOCATION WITH CEILING MOUNTED PROJECTOR MOUNTING PLATE.
- ⑦ CATEGORY 6 DATA OUTLET. PROVIDE NEW CATEGORY 6 DATA JACK AND CABLE TO IDF. UTILIZE EXISTING RACEWAY FOR INSTALLATION. SEE RISER DIAGRAM A/ET-1.3 FOR DETAILS.
- ⑧ NEW MULTI-CHANNEL SURFACE RACEWAY INTO CEILING SPACE. PROVIDE EXTRON 2-6 GANG EMB SERIES WALL BOX FOR AV INTERFACE. SEE DETAIL A/ET-5.5.
- ⑨ SEE A/B/ET-5.3 FOR LABELING DETAILS.
- ⑩ SEE DETAIL D/ET-5.3 FOR LABELING.

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KEYPLAN NTS

APPROVALS

DESCRIPTION

BUILDING D PORTABLES EXTENDED DAY SIGNAL PLANS

DATE

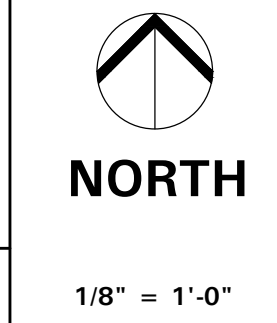
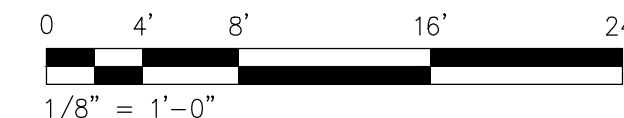
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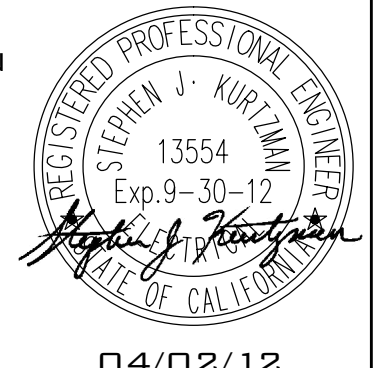
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SHEET #

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PORTABLES - SIGNAL PLANS