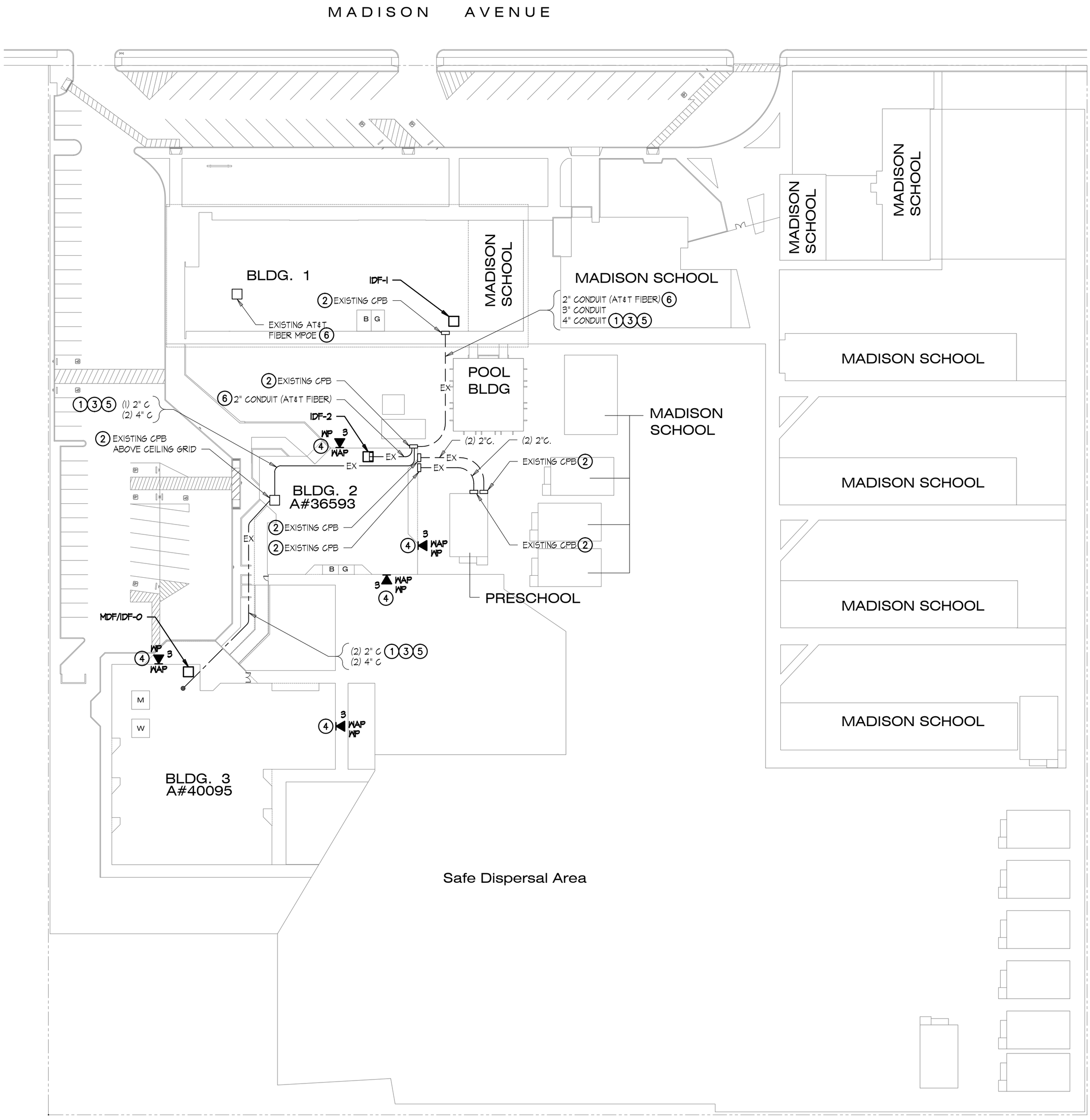
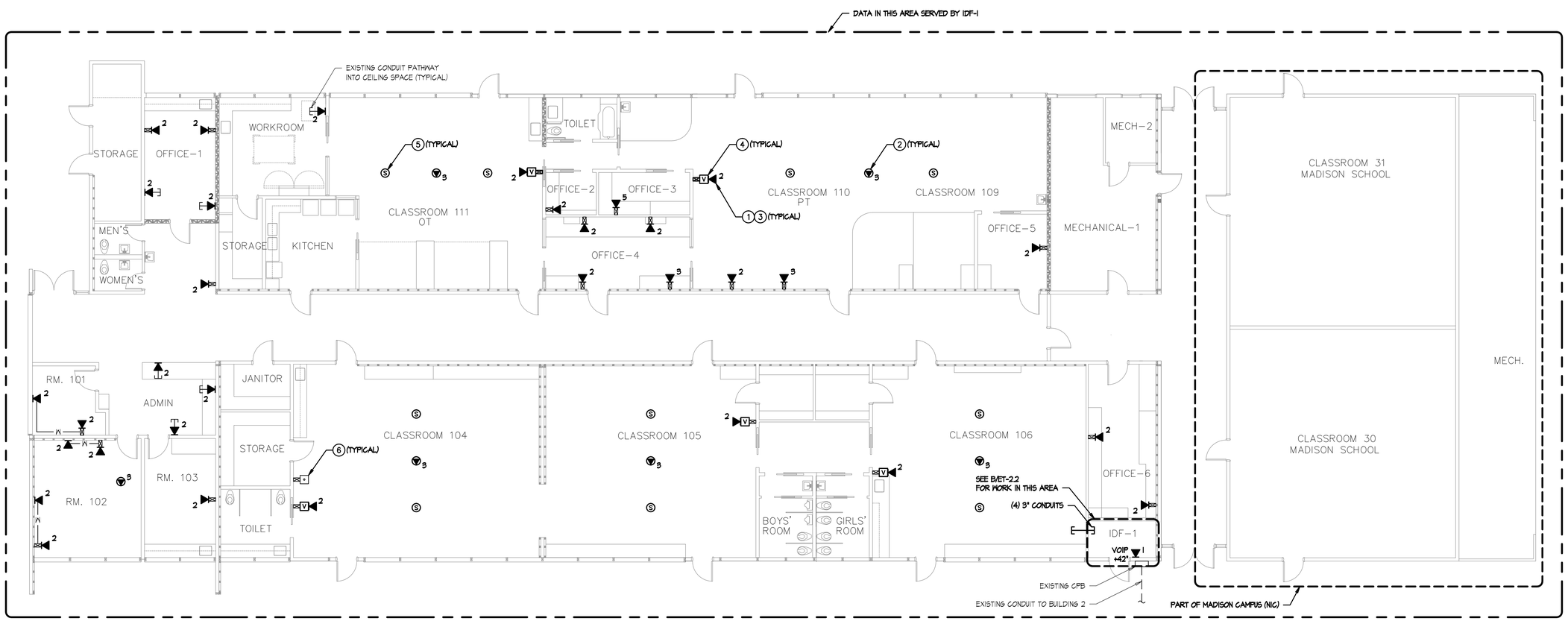

MADISON AVENUE
BLDG. 1
IDF-1
2 EXISTING CPB
B G
EXISTING AT&T FIBER MPOE 6
MADISON SCHOOL
2" CONDUIT (AT&T FIBER) 6
3" CONDUIT
4" CONDUIT 1 3 5
POOL BLDG
EX
2 EXISTING CPB
6 2" CONDUIT (AT&T FIBER)
1 3 5 (1) 2" C
(2) 4" C
IDF-2
WP 3
4 WAP
2 EXISTING CPB ABOVE CEILING GRID
(2) 2"C.
(2) 2"C.
EXISTING CPB 2
BLDG. 2
A#36593
2 EXISTING CPB
2 EXISTING CPB
4 3 WAP WP
EXISTING CPB 2
PRESCHOOL
MDF/IDF-0
(2) 2" C 1 3 5
(2) 4" C
M
W
BLDG. 3
A#40095
Safe Dispersal Area

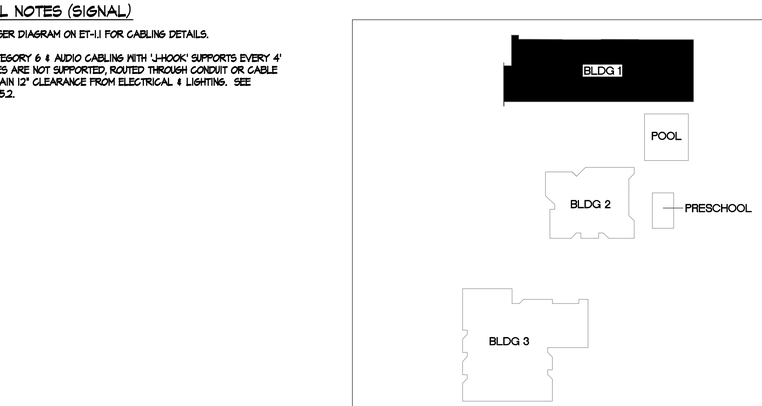


SIGNAL PLAN KEYNOTES

1. CATEGORY 6 DATA OUTLET. PROVIDE NEW CATEGORY 6 JACKS AND CABLES TO IDF. UTILIZE EXISTING PATHWAYS U.O.N. FOR INSTALLATION IN WALLS.
2. CATEGORY 6 DATA OUTLET MOUNTED ABOVE LAY-IN CEILING DESIGNATED FOR WIRELESS NETWORK. PROVIDE NEW CATEGORY 6 JACKS AND CABLES TO IDF. SEE DETAIL F/ET-5.2.
3. SEE DETAIL A/B/ET-5.3 FOR LABELING REQUIREMENTS.
4. AUDIO VOLUME CONTROL OUTLET MOUNTED AT TEACHER'S STATION LOCATION AT +45" AFF. SEE ET-5.4 & A/ET-5.5 FOR DETAILS.
5. AUDIO SPEAKER FLUSH IN CEILING TILE. SEE ET-5.4 FOR DETAILS.
6. EXISTING PHONE (BOGEN HANDSET), TO REMAIN.

GENERAL NOTES (SIGNAL)

1. SEE DATA RISER DIAGRAM ON ET-1.1 FOR CABLING DETAILS.
2. SUPPORT CATEGORY 6 & AUDIO CABLING WITH 'J-HOOK' SUPPORTS EVERY 4' WHERE CABLES ARE NOT SUPPORTED, ROUTED THROUGH CONDUIT OR CABLE TRAY. MAINTAIN 12" CLEARANCE FROM ELECTRICAL & LIGHTING. SEE DETAIL D/ET-5.2.



KEYPLAN NTS

0 4' 8' 16' 24'
1/8" = 1'-0"

NORTH

1/8" = 1'-0"

TURPIN & RATTAN ENGINEERING, INC.
CONSULTING ELECTRICAL ENGINEERS
4719 PALM AVENUE
LA MESA, CA 91941-5221
619 / 466 / 6224 FAX 466 / 6233
E-MAIL: ENGINEER@TREISD.COM
TREI # 12177
V.PHATHANAK 09/10/12 - 4:56PM

REGISTERED PROFESSIONAL ENGINEER
NEAL ALAGIA
13829
Exp. 6-30-14
ELECTRICAL
STATE OF CALIFORNIA

MARK FORTIE, RCDD
REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
BICSI
EXPIRES 12/31/13
Regis. No. 081432

BUILDING 1 - SIGNAL PLAN

SPROTTE | WATSON
ARCHITECTURE | PLANNING
450 S. Melrose Dr., Suite 200 Vista, California 92081 | 760.639.4120 | www.sprotewatson.com

LICENSED ARCHITECT
C12359
STATE OF CALIFORNIA

IT UPGRADE YEAR TWO
SEVICK SCHOOL
CAJON VALLEY UNION SCHOOL DISTRICT
1609 E. MADISON AVENUE
EL CAJON, CA 92019

CONSULTANT

APPROVALS

DESCRIPTION
BUILDING 1 SIGNAL PLAN

DATE
09/10/12

JOB #
12177

SHEET #
E-1.2

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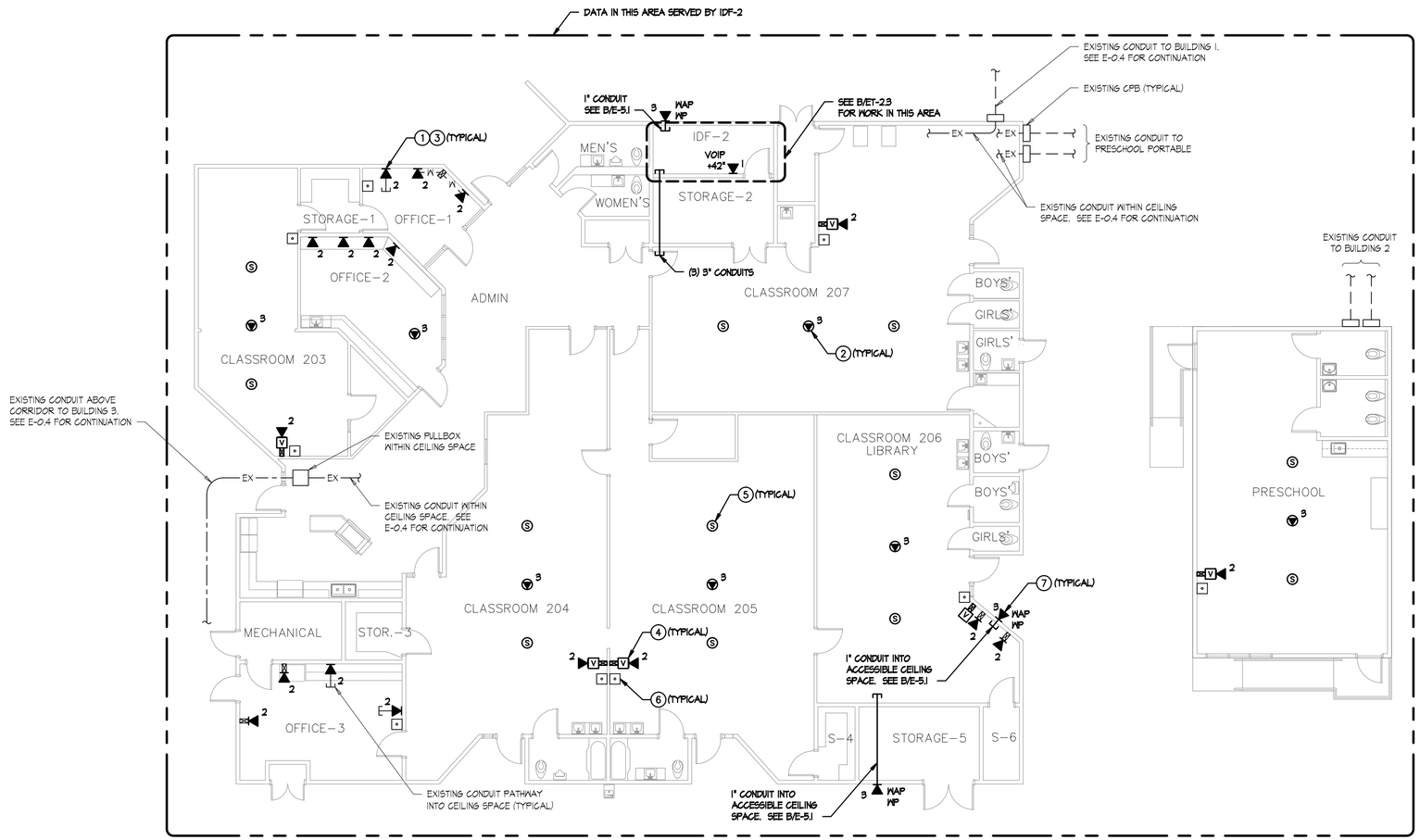

SIGNAL PLAN KEYNOTES

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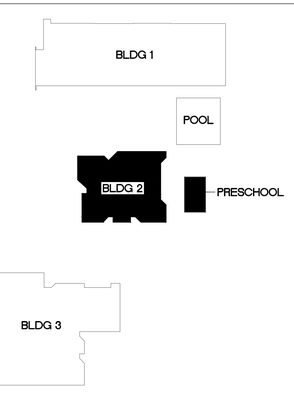
2. CATEGORY 6 DATA OUTLET MOUNTED ABOVE LAY-IN CEILING DESIGNATED FOR WIRELESS NETWORK. PROVIDE NEW CATEGORY 6 JACKS AND CABLES TO IDF. SEE DETAIL F/ET-5.2.
3. SEE DETAIL A/B/ET-5.3 FOR LABELING REQUIREMENTS.
4. AUDIO VOLUME CONTROL OUTLET MOUNTED AT TEACHER'S STATION LOCATION AT +45" AFF. SEE ET-5.4 & A/ET-5.5 FOR DETAILS.
5. AUDIO SPEAKER FLUSH IN CEILING TILE. SEE ET-5.4 FOR DETAILS.
6. EXISTING PHONE (BOSEN HANDSET), TO REMAIN.
7. DATA OUTLET WITHIN WEATHER PROOF ENCLOSURE FOR EXTERIOR WIRELESS ACCESS POINT. COORDINATE MOUNTING HEIGHT/LOCATION WITH WIRELESS ACCESS POINT INSTALLER.

GENERAL NOTES (SIGNAL)

1. SEE DATA RISER DIAGRAM ON ET-1.1 FOR CABLING DETAILS.
2. SUPPORT CATEGORY 6 & AUDIO CABLING WITH 'J-HOOK' SUPPORTS EVERY 4' WHERE CABLES ARE NOT SUPPORTED, ROUTED THROUGH CONDUIT OR CABLE TRAY. MAINTAIN 12" CLEARANCE FROM ELECTRICAL & LIGHTING. SEE DETAIL D/ET-5.2.



KEYPLAN NTS

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ARCHITECTURE PLANNING
450 S. Melrose Dr., Suite 200 Vista, California 92081 | 760.639.4120 | www.sprotewatson.com

LICENSED ARCHITECT C12359 STATE OF CALIFORNIA

IT UPGRADE YEAR TWO
SEVICK SCHOOL
CAJON VALLEY UNION SCHOOL DISTRICT
1609 E. MADISON AVENUE
EL CAJON, CA 92019

CONSULTANT

APPROVALS

DESCRIPTION
BUILDING 2 SIGNAL PLAN

DATE 09/10/12

JOB # 12177

SHEET # E-2.2

0 4' 8' 16' 24'
1/8" = 1'-0"

NORTH
1/8" = 1'-0"

TURPIN & RATTAN ENGINEERING, INC.
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TREI # 12177
V.PHATHANAK 09/10/12 - 4:56PM

REGISTERED PROFESSIONAL ENGINEER NEAL ALAGIA 13829 Exp. 6-30-14 ELECTRICAL STATE OF CALIFORNIA

MARK FORTIE, RCDD
REGISTERED COMMUNICATION DISTRIBUTION DESIGNER BICSI
EXPIRES 12/31/13
Regis. No. 081432

BUILDING 2 - SIGNAL PLAN

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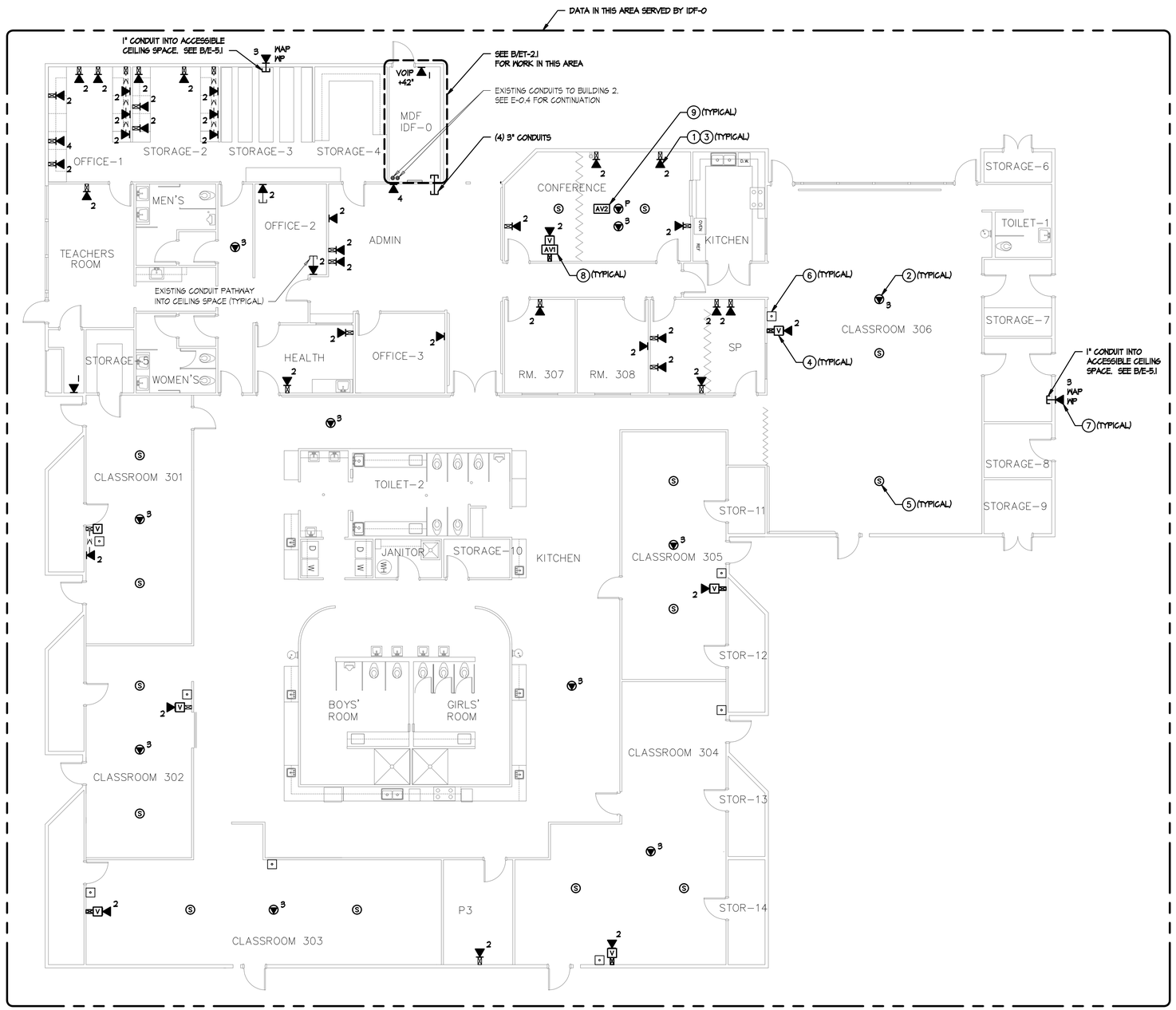

SIGNAL PLAN KEYNOTES

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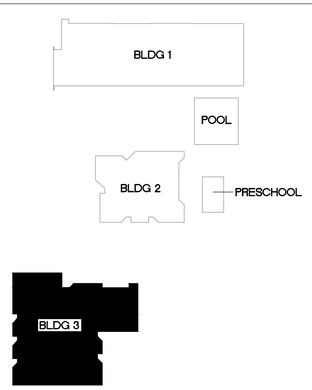
3. SEE DETAIL A/B/ET-5.3 FOR LABELING REQUIREMENTS.
4. AUDIO VOLUME CONTROL OUTLET MOUNTED AT TEACHER'S STATION LOCATION AT +45" AFF. SEE ET-5.4 & A/ET-5.5 FOR DETAILS.
5. AUDIO/VISUAL SPEAKER FLUSH IN CEILING TILE. SEE ET-5.4 FOR DETAILS.
6. EXISTING PHONE (BOSEN HANDSET), TO REMAIN.
7. DATA OUTLET WITHIN WEATHER PROOF ENCLOSURE FOR EXTERIOR WIRELESS ACCESS POINT. COORDINATE MOUNTING HEIGHT/LOCATION WITH WIRELESS ACCESS POINT INSTALLER.
8. AVI INTERFACE MOUNTED AT LOCATION SHOWN AT +18" AFF. PROVIDE EXTRON 2-GANG EMB SERIES WALL BOX FOR AVI INTERFACE. SEE A/ET-5.5 & A/ET-5.6 FOR DETAILS.
9. AUDIO/VISUAL FLYING LEADS AT CEILING MOUNTED PROJECTOR LOCATION. SEE A,B/ET-5.5 & A/ET-5.6 FOR DETAILS.

GENERAL NOTES (SIGNAL)

1. SEE DATA RISER DIAGRAM ON ET-1.1 FOR CABLING DETAILS.
2. SUPPORT CATEGORY 6 & AUDIO/VISUAL CABLING WITH 'J-HOOK' SUPPORTS EVERY 4' WHERE CABLES ARE NOT SUPPORTED, ROUTED THROUGH CONDUIT OR CABLE TRAY. MAINTAIN 12" CLEARANCE FROM ELECTRICAL & LIGHTING. SEE DETAIL D/ET-5.2.



KEYPLAN NTS

0 4' 8' 16' 24'
1/8" = 1'-0"

NORTH

1/8" = 1'-0"

BUILDING 3 - SIGNAL PLAN

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V.PHATHANAK 09/10/12 - 4:57PM

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CAJON VALLEY UNION SCHOOL DISTRICT
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EL CAJON, CA 92019

CONSULTANT

APPROVALS

DESCRIPTION

BUILDING 3 SIGNAL PLAN

DATE 09/10/12

JOB # 12177

SHEET # E-3.2