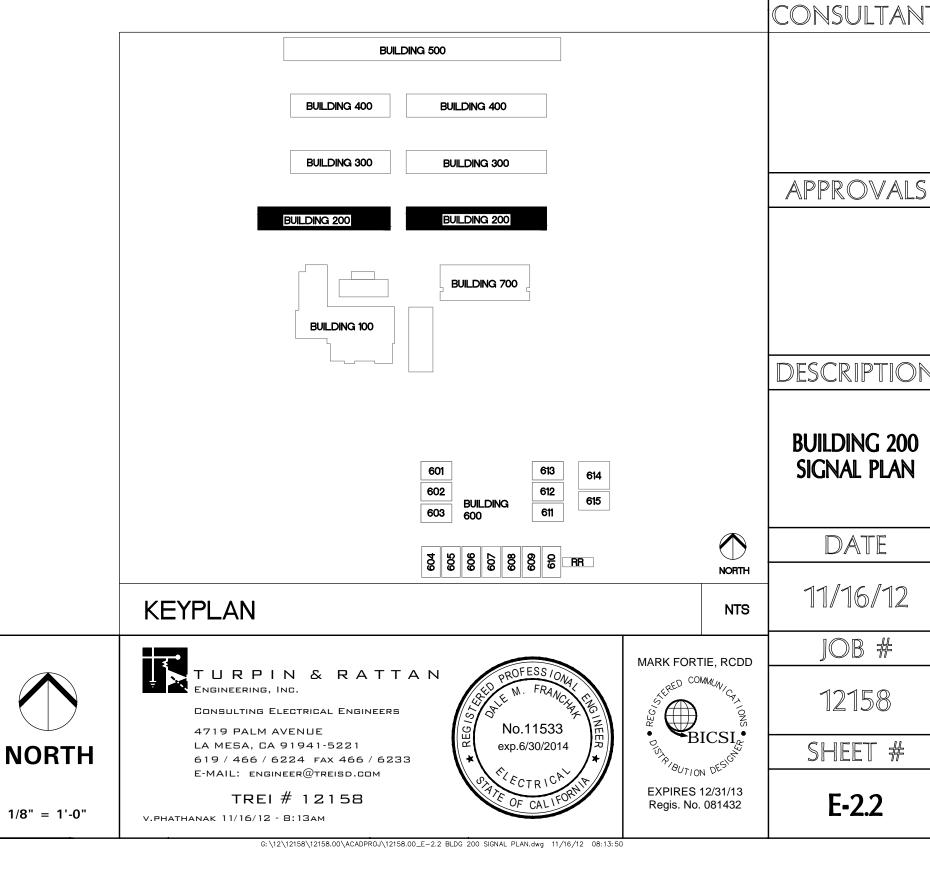


- (1) CATEGORY 6 DATA OUTLET. PROVIDE NEW CATEGORY 6 JACKS AND CABLES TO IDF. UTILIZE EXISTING PATHWAYS U.O.N. FOR INSTALLATION IN WALLS.
- 2 CATEGORY 6 DATA OUTLET MOUNTED ABOVE LAY-IN CEILING DESIGNATED FOR WIRELESS NETWORK. PROVIDE NEW CATEGORY 6 JACKS AND CABLES TO IDF. SEE DETAIL F/ET-5.2.
- (1) PORT CATEGORY 6 DATA OUTLET DESIGNATED FOR FUTURE INTERACTIVE WHITEBOARD. PROVIDE NEW CATEGORY 6 JACK AND CABLE TO IDF. LOCATION TO BE AT CENTER OF TEACHING WALL AT +18" AFF. SEE DETAIL A/ET-5.5.
- (1) PORT CATEGORY 6 DATA OUTLET AT CEILING MOUNTED PROJECTOR DESIGNATED FOR PROJECTOR MONITORING. PROVIDE NEW CATEGORY 6 JACK AND CABLE TO IDF. CONTRACTOR TO COORDINATE EXACT LOCATION WITH CEILING MOUNTED PROJECTOR MOUNTING PLATE. SEE DETAIL B/ET-5.5.
- 5 PROVIDE NEW FACEPLATES, DEVICE BRACKETS (SURFACE RACEWAY) AND OR DEVICE BOXES. SEE DETAIL A/B/ET-5.3 FOR FACEPLATE & LABELING REQUIREMENTS.
- 6 AVI INTERFACE MOUNTED AT CENTER OF TEACHING WALL AT +18" AFF. PROVIDE EXTRON 2-GANG EMB SERIES WALL BOX FOR AVI INTERFACE. SEE ET-5.4 & A/ET-5.5 FOR DETAILS.
- 7 AUDIO/VISUAL FLYING LEADS AT CEILING MOUNTED PROJECTOR LOCATION. SEE ET-5.4 & B/ET-5.5 FOR DETAILS.
- 8 AUDIO VOLUME CONTROL OUTLET MOUNTED AT TEACHER'S STATION LOCATION AT +45" AFF. SEE ET-5.4 & A/ET-5.5 FOR DETAILS.
- 9 AUDIO/VISUAL SPEAKER FLUSH IN CEILING TILE. SEE ET-5.4 FOR DETAILS.
- (10) EXISTING PHONE (BOGEN HANDSET), TO REMAIN.
- DATA OUTLET WITHIN WEATHER PROOF ENCLOSURE FOR EXTERIOR WIRELESS ACCESS POINT. COORDINATE MOUNTING HEIGHT/LOCATION WITH WIRELESS ACCESS POINT INSTALLER.
- PROVIDE CONTINUOUS #6 GROUND FOR ENTIRE LENGTH OF CABLE TRAY SYSTEM. BOND EVERY SECTION AND EVERY CONDUIT. BOND TO GROUNDING BUS BAR IN MDF/IDF.
- 13) SEE DETAIL C/E-IO.I
- (14) CONNECT NEW IR INTRUSION DEVICE TO EXPANSION MODULE AT TERMINAL BLOCK LOCATION IN BUILDING. SEE RISER DIAGRAM ON ET-1.7.





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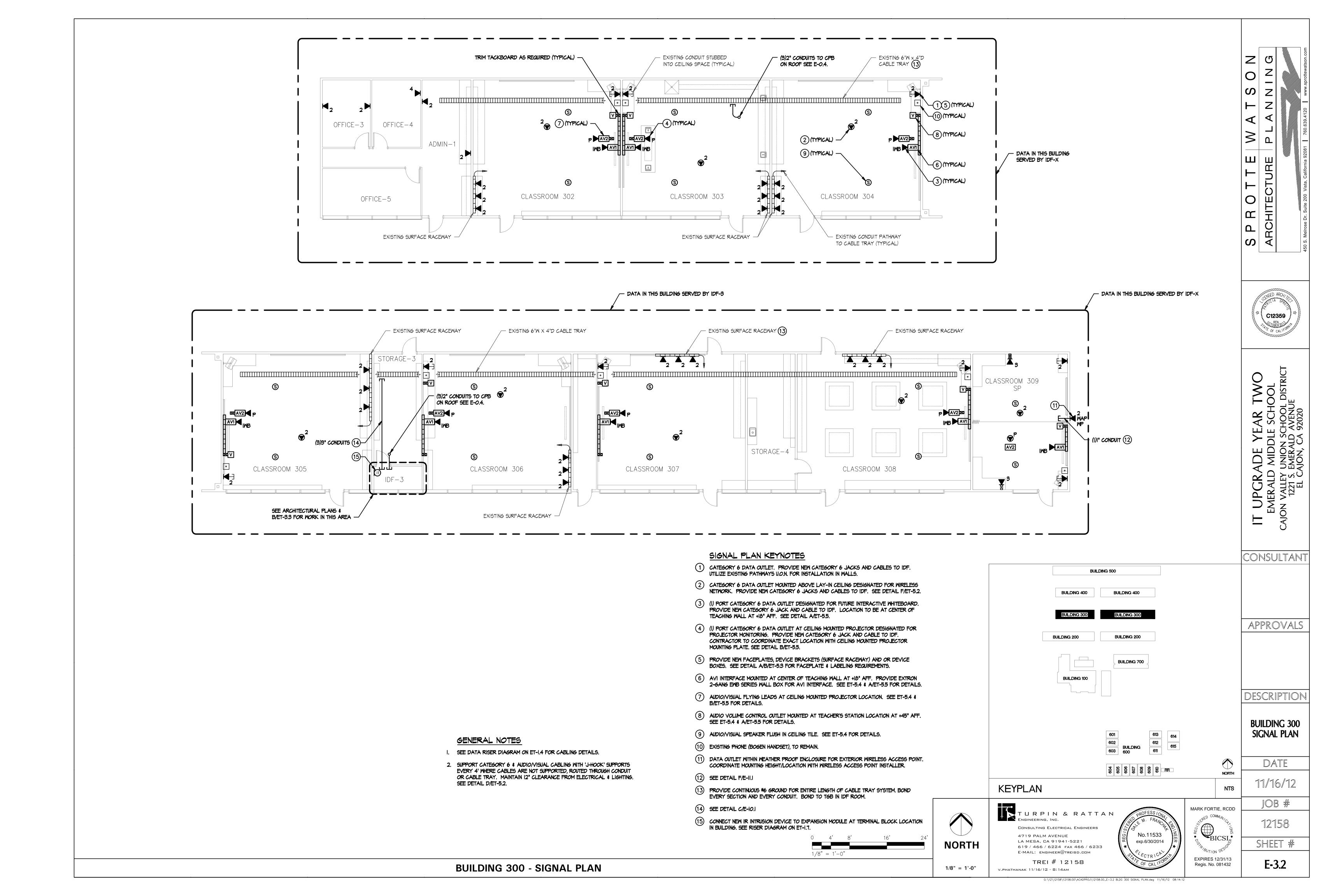
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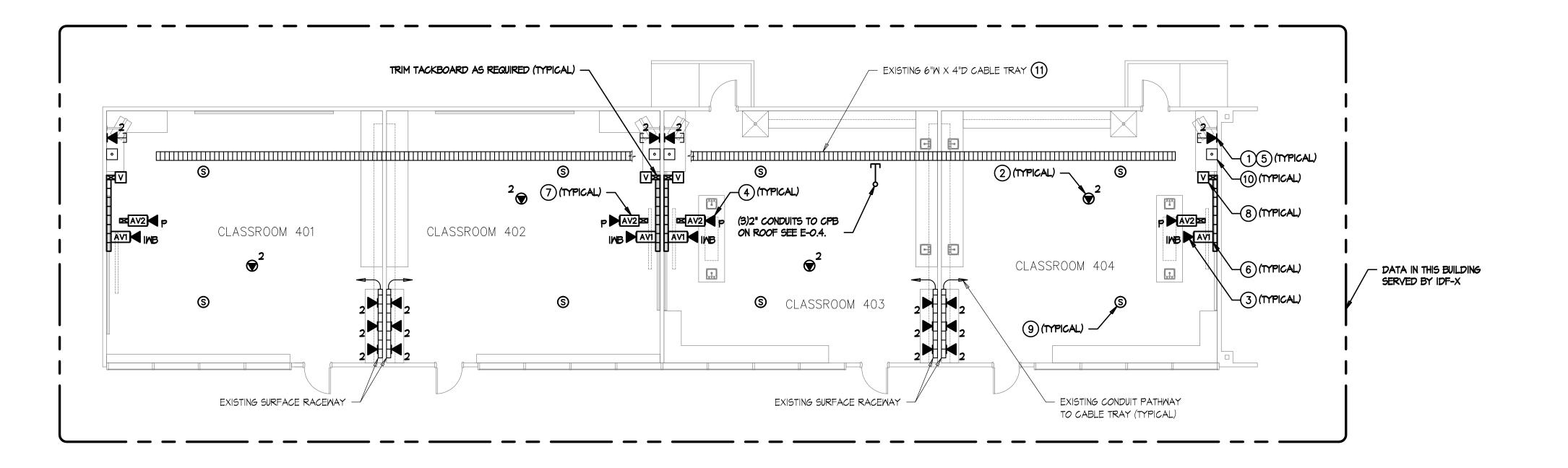
IT UPGRAI EMERALD A CAJON VALLEY UJ 1221 S. EN EL CAJO

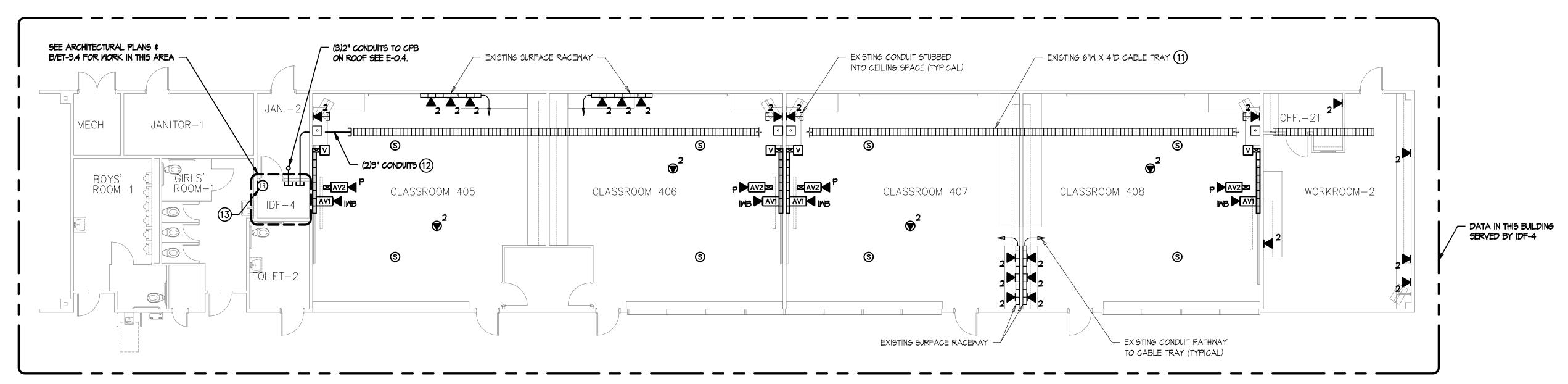
GENERAL NOTES

- I. SEE DATA RISER DIAGRAM ON ET-1.3 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.

BUILDING 200 - SIGNAL PLAN

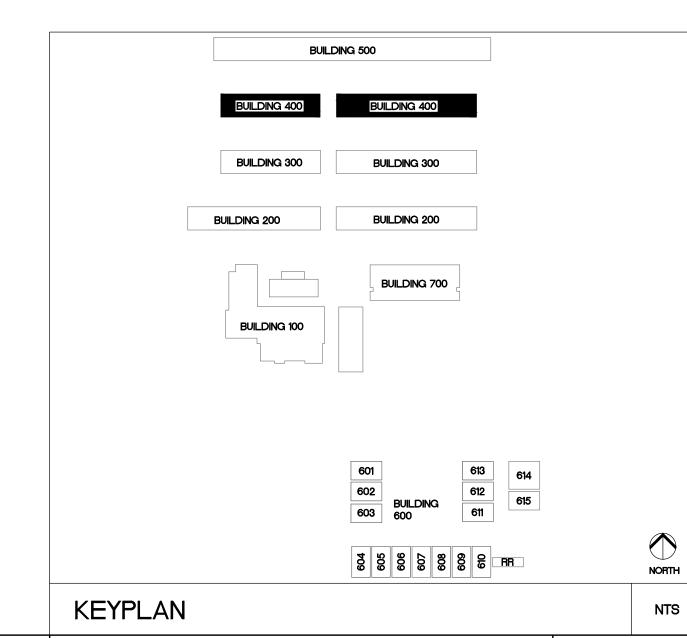






SIGNAL PLAN KEYNOTES

- (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.
- (1) PORT CATEGORY 6 DATA OUTLET DESIGNATED FOR FUTURE INTERACTIVE WHITEBOARD. PROVIDE NEW CATEGORY 6 JACK AND CABLE TO IDF. LOCATION TO BE AT CENTER OF TEACHING WALL AT +16" AFF. SEE DETAIL A/ET-5.5.
- (1) PORT CATEGORY 6 DATA OUTLET AT CEILING MOUNTED PROJECTOR DESIGNATED FOR PROJECTOR MONITORING. PROVIDE NEW CATEGORY 6 JACK AND CABLE TO IDF. CONTRACTOR TO COORDINATE EXACT LOCATION WITH CEILING MOUNTED PROJECTOR MOUNTING PLATE. SEE DETAIL B/ET-5.5.
- 5 PROVIDE NEW FACEPLATES, DEVICE BRACKETS (SURFACE RACEWAY) AND OR DEVICE BOXES. SEE DETAIL A/B/ET-5.3 FOR FACEPLATE & LABELING REQUIREMENTS.
- 6 AVI INTERFACE MOUNTED AT CENTER OF TEACHING WALL AT +18" AFF. PROVIDE EXTRON 2-GANG EMB SERIES WALL BOX FOR AVI INTERFACE. SEE ET-5.4 & A/ET-5.5 FOR DETAILS.
- 7 AUDIO/VISUAL FLYING LEADS AT CEILING MOUNTED PROJECTOR LOCATION. SEE ET-5.4 & B/ET-5.5 FOR DETAILS.
- 8 AUDIO VOLUME CONTROL OUTLET MOUNTED AT TEACHER'S STATION LOCATION AT +45" AFF. SEE ET-5.4 & A/ET-5.5 FOR DETAILS.
- 9 AUDIO/VISUAL SPEAKER FLUSH IN CEILING TILE. SEE ET-5.4 FOR DETAILS.
- (10) EXISTING PHONE (BOGEN HANDSET), TO REMAIN.
- 11) PROVIDE CONTINUOUS #6 GROUND FOR ENTIRE LENGTH OF CABLE TRAY SYSTEM. BOND EVERY SECTION AND EVERY CONDUIT. BOND TO TGB IN IDF ROOM.
- 12) SEE DETAIL C/E-IO.I
- (13) CONNECT NEW IR INTRUSION DEVICE TO EXPANSION MODULE AT TERMINAL BLOCK LOCATION IN BUILDING. SEE RISER DIAGRAM ON ET-1.7.





V.PHATHANAK 11/16/12 - 8:14AM

No.11533 exp.6/30/2014

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MARK FORTIE, RCDD BICSI EXPIRES 12/31/13 Regis. No. 081432

1/8" = 1'-0"

NORTH

1/8" = 1'-0"

BUILDING 400 - SIGNAL PLAN

GENERAL NOTES

SEE DETAIL D/ET-5.2.

I. SEE DATA RISER DIAGRAM ON ET-1.4 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.

- UPGRAI EMERALD A ON VALLEY U 1221 S. EN

RCHITE

C12359

CONSULTANT

APPROVALS

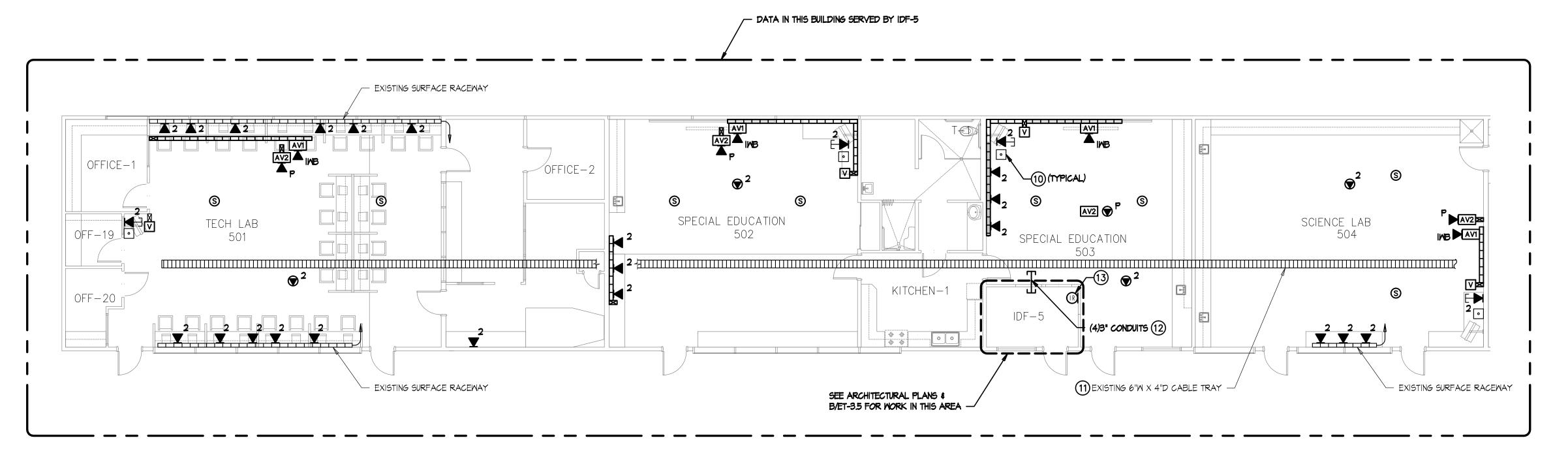
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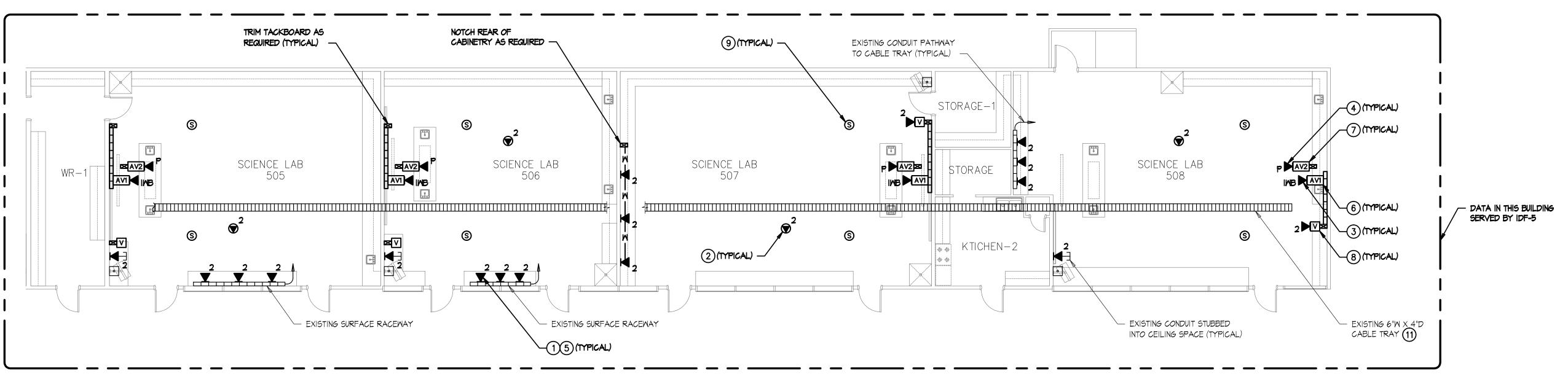
BUILDING 400 SIGNAL PLAN

DATE 11/16/12

JOB # 12158

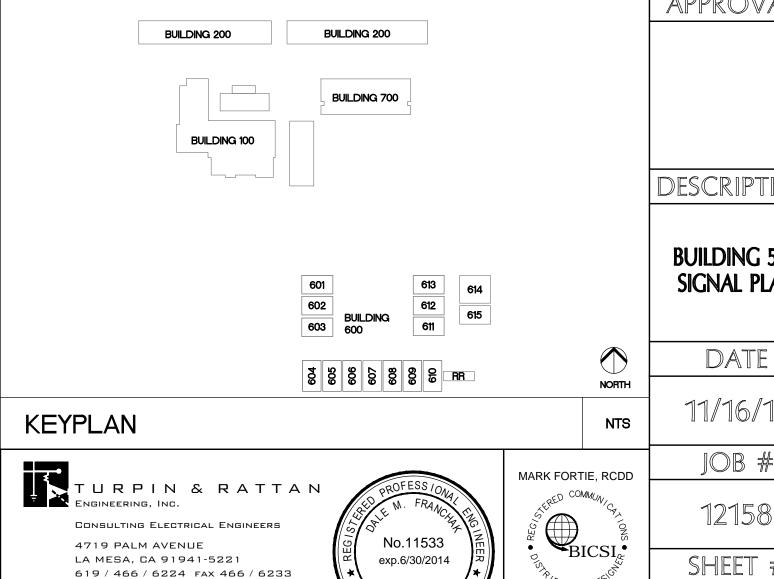
SHEET # E-4.2





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.
- (I) PORT CATEGORY 6 DATA OUTLET DESIGNATED FOR FUTURE INTERACTIVE WHITEBOARD. PROVIDE NEW CATEGORY 6 JACK AND CABLE TO IDF. LOCATION TO BE AT CENTER OF TEACHING WALL AT +18" AFF. SEE DETAIL A/ET-5.5.
- (1) PORT CATEGORY 6 DATA OUTLET AT CEILING MOUNTED PROJECTOR DESIGNATED FOR PROJECTOR MONITORING. PROVIDE NEW CATEGORY 6 JACK AND CABLE TO IDF. CONTRACTOR TO COORDINATE EXACT LOCATION WITH CEILING MOUNTED PROJECTOR MOUNTING PLATE. SEE DETAIL B/ET-5.5.
- 5 PROVIDE NEW FACEPLATES, DEVICE BRACKETS (SURFACE RACEWAY) AND OR DEVICE BOXES. SEE DETAIL A/B/ET-5.3 FOR FACEPLATE & LABELING REQUIREMENTS.
- 6 AVI INTERFACE MOUNTED AT CENTER OF TEACHING WALL AT +18" AFF. PROVIDE EXTRON 2-GANG EMB SERIES WALL BOX FOR AVI INTERFACE. SEE ET-5.4 & A/ET-5.5 FOR DETAILS.
- 7 AUDIO/VISUAL FLYING LEADS AT CEILING MOUNTED PROJECTOR LOCATION. SEE ET-5.4 & B/ET-5.5 FOR DETAILS.
- 8 AUDIO VOLUME CONTROL OUTLET MOUNTED AT TEACHER'S STATION LOCATION AT +45" AFF. SEE ET-5.4 & A/ET-5.5 FOR DETAILS.
- 9 AUDIO/VISUAL SPEAKER FLUSH IN CEILING TILE. SEE ET-5.4 FOR DETAILS.
- (10) EXISTING PHONE (BOGEN HANDSET), TO REMAIN.
- 11) PROVIDE CONTINUOUS #6 GROUND FOR ENTIRE LENGTH OF CABLE TRAY SYSTEM. BOND EVERY SECTION AND EVERY CONDUIT. BOND TO TGB IN IDF ROOM.
- 12) SEE DETAIL C/E-IO.I
- (13) CONNECT NEW IR INTRUSION DEVICE TO EXPANSION MODULE AT TERMINAL BLOCK LOCATION IN BUILDING. SEE RISER DIAGRAM ON ET-1.7.



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BUILDING 500

BUILDING 400

BUILDING 300

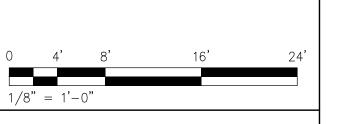
BUILDING 400

BUILDING 300

E-MAIL: ENGINEER@TREISD.COM

V.PHATHANAK 11/16/12 - 8:14AM

TREI # 12158



NORTH 1/8" = 1'-0"

EXPIRES 12/31/13 Regis. No. 081432

BUILDING 500 - SIGNAL PLAN

SEE DATA RISER DIAGRAM ON ET-X.X 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.

GENERAL NOTES

SEE DETAIL D/ET-5.2.

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T UPGRADE YEAR TWO
EMERALD MIDDLE SCHOOL
AJON VALLEY UNION SCHOOL DISTRICT
1221 S. EMERALD AVENUE
EL CAJON, CA 92020

CONSULTANT

APPROVALS

DESCRIPTION

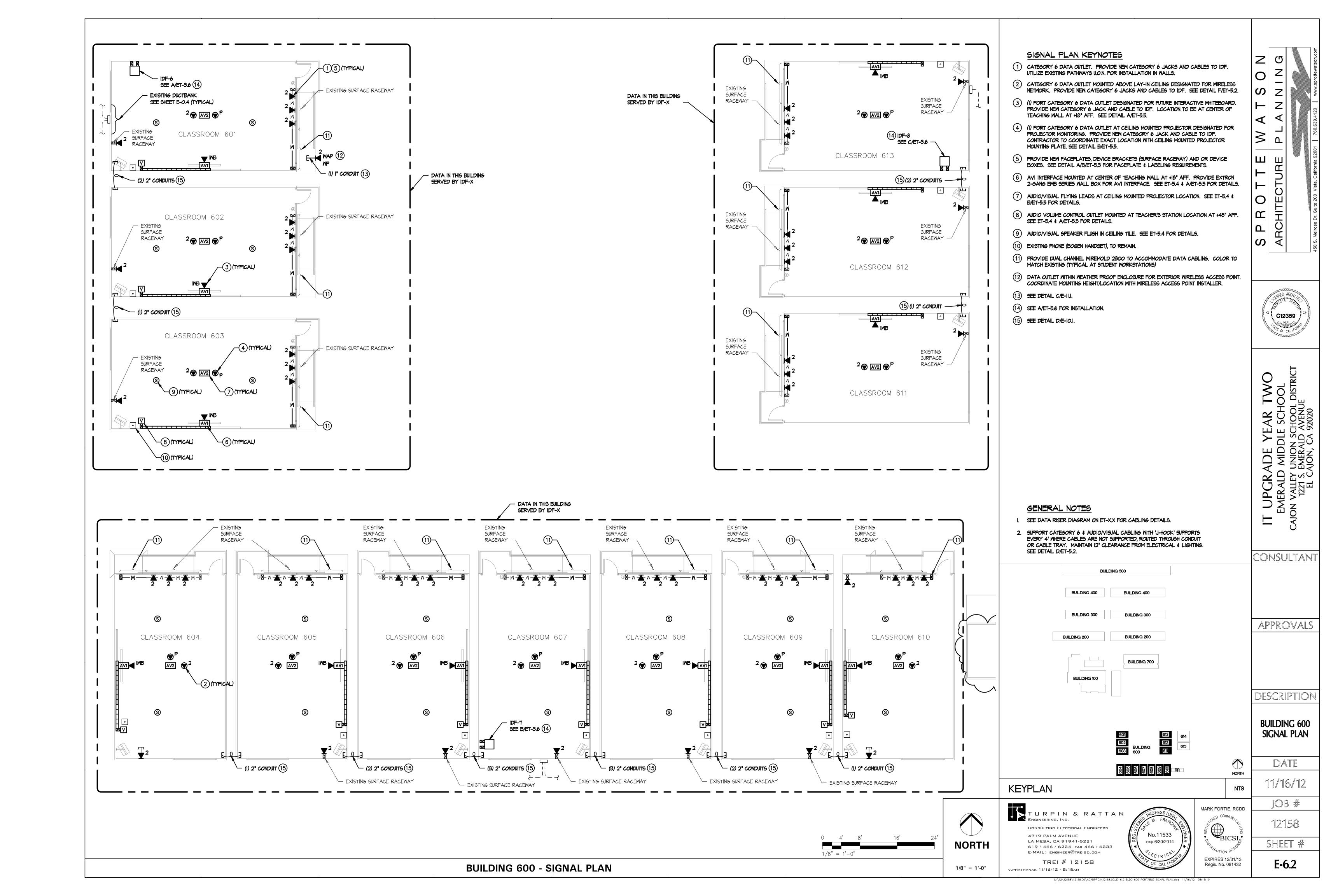
BUILDING 500 SIGNAL PLAN

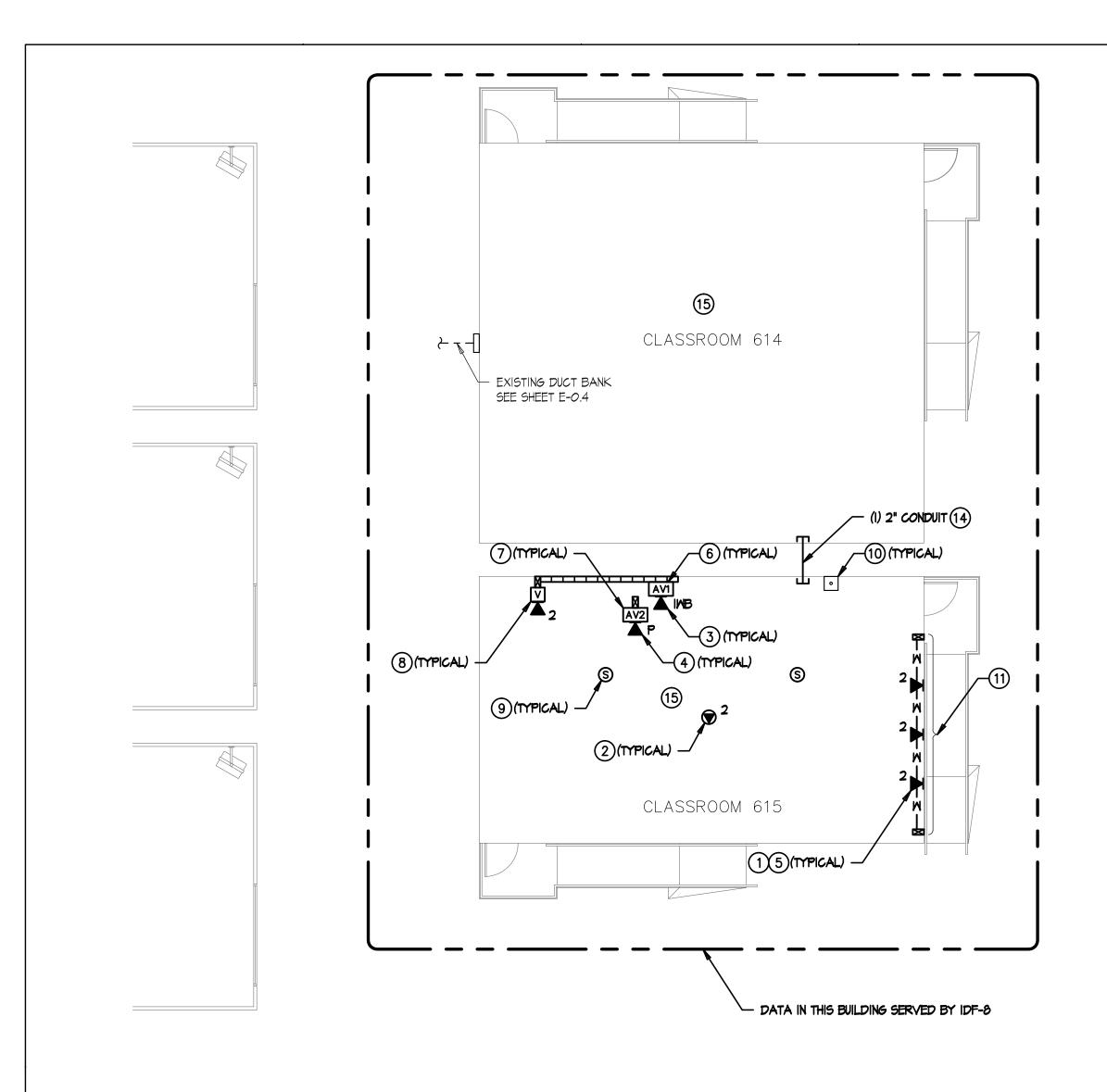
11/16/12

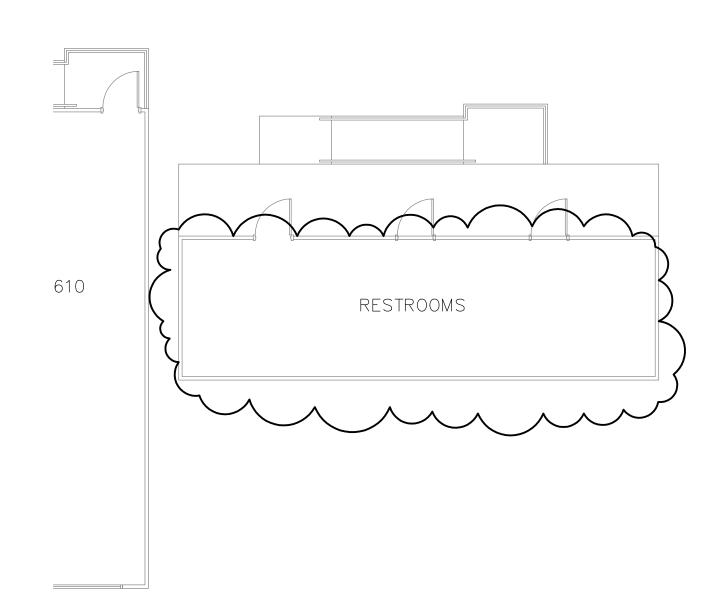
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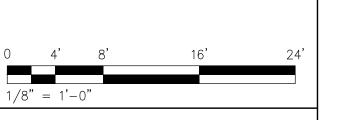
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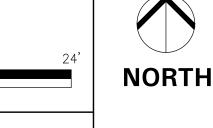
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SIGNAL PLAN KEYNOTES

- 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.
- (1) PORT CATEGORY 6 DATA OUTLET DESIGNATED FOR FUTURE INTERACTIVE WHITEBOARD. PROVIDE NEW CATEGORY 6 JACK AND CABLE TO IDF. LOCATION TO BE AT CENTER OF TEACHING WALL AT +18" AFF. SEE DETAIL A/ET-5.5.
- (1) PORT CATEGORY 6 DATA OUTLET AT CEILING MOUNTED PROJECTOR DESIGNATED FOR PROJECTOR MONITORING. PROVIDE NEW CATEGORY 6 JACK AND CABLE TO IDF. CONTRACTOR TO COORDINATE EXACT LOCATION WITH CEILING MOUNTED PROJECTOR MOUNTING PLATE. SEE DETAIL B/ET-5.5.
- 5 PROVIDE NEW FACEPLATES, DEVICE BRACKETS (SURFACE RACEWAY) AND OR DEVICE BOXES. SEE DETAIL A/B/ET-5.3 FOR FACEPLATE & LABELING REQUIREMENTS.
- 6 AVI INTERFACE MOUNTED AT CENTER OF TEACHING WALL AT +18" AFF. PROVIDE EXTRON 2-GANG EMB SERIES WALL BOX FOR AVI INTERFACE. SEE ET-5.4 \$ A/ET-5.5 FOR DETAILS.
- 7 AUDIO/VISUAL FLYING LEADS AT CEILING MOUNTED PROJECTOR LOCATION. SEE ET-5.4 \$ B/ET-5.5 FOR DETAILS.
- 8 AUDIO VOLUME CONTROL OUTLET MOUNTED AT TEACHER'S STATION LOCATION AT +45" AFF. SEE ET-5.4 \$ A/ET-5.5 FOR DETAILS.
- 9 AUDIO/VISUAL SPEAKER FLUSH IN CEILING TILE. SEE ET-5.4 FOR DETAILS.
- 10 EXISTING PHONE (BOGEN HANDSET), TO REMAIN.
- 11) PROVIDE DUAL CHANNEL WIREMOLD 2300 TO ACCOMMODATE DATA CABLING. COLOR TO MATCH EXISTING (TYPICAL AT STUDENT WORKSTATIONS)
- DATA OUTLET WITHIN MEATHER PROOF ENCLOSURE FOR EXTERIOR WIRELESS ACCESS POINT. COORDINATE MOUNTING HEIGHT/LOCATION WITH WIRELESS ACCESS POINT INSTALLER.
- 13 SEE DETAIL C/E-II.I
- 14) SEE DETAIL D/E-IO.I
- 15) SEE DETAIL B/ET-5.6

GENERAL NOTES

- I. SEE DATA RISER DIAGRAM ON ET-X.X 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.

BUILDING 500 **BUILDING 400 BUILDING 400 BUILDING 300 BUILDING 300** BUILDING 200 **BUILDING 200** BUILDING 700 **BUILDING 100**

DESCRIPTION **BUILDING 600** 614 AND 615

601 602 603 BUILDING 600 46 60 60 60 60 BB

KEYPLAN NTS



MARK FORTIE, RCDD

BICSI

E-MAIL: ENGINEER@TREISD.COM EXPIRES 12/31/13 TREI # 12158 Regis. No. 081432

G:\12\12158\12158.00\ACADPROJ\12158.00_E-6.5 BLDG 600 PORTABLE 614 AND 615 SIGNAL PLAN.dwg 11/16/12 08:15:37

BUILDING 600 - SIGNAL PLAN

1/8" = 1'-0" V.PHATHANAK 11/16/12 - 8:15AM

SHEET # E-6.5

C12359

CONSULTANT

APPROVALS

SIGNAL PLANS

DATE

11/16/12

JOB #

