



IAQ Sensors Installation

Installation Drawing Set

IAQ SENSOR TOTAL SUMMARY

BASEMENT FLOOR PLAN:	2
FIRST FLOOR PLAN:	15
SECOND FLOOR PLAN:	9
GRAND TOTAL:	26

SHEET INDEX

COVER SHEET

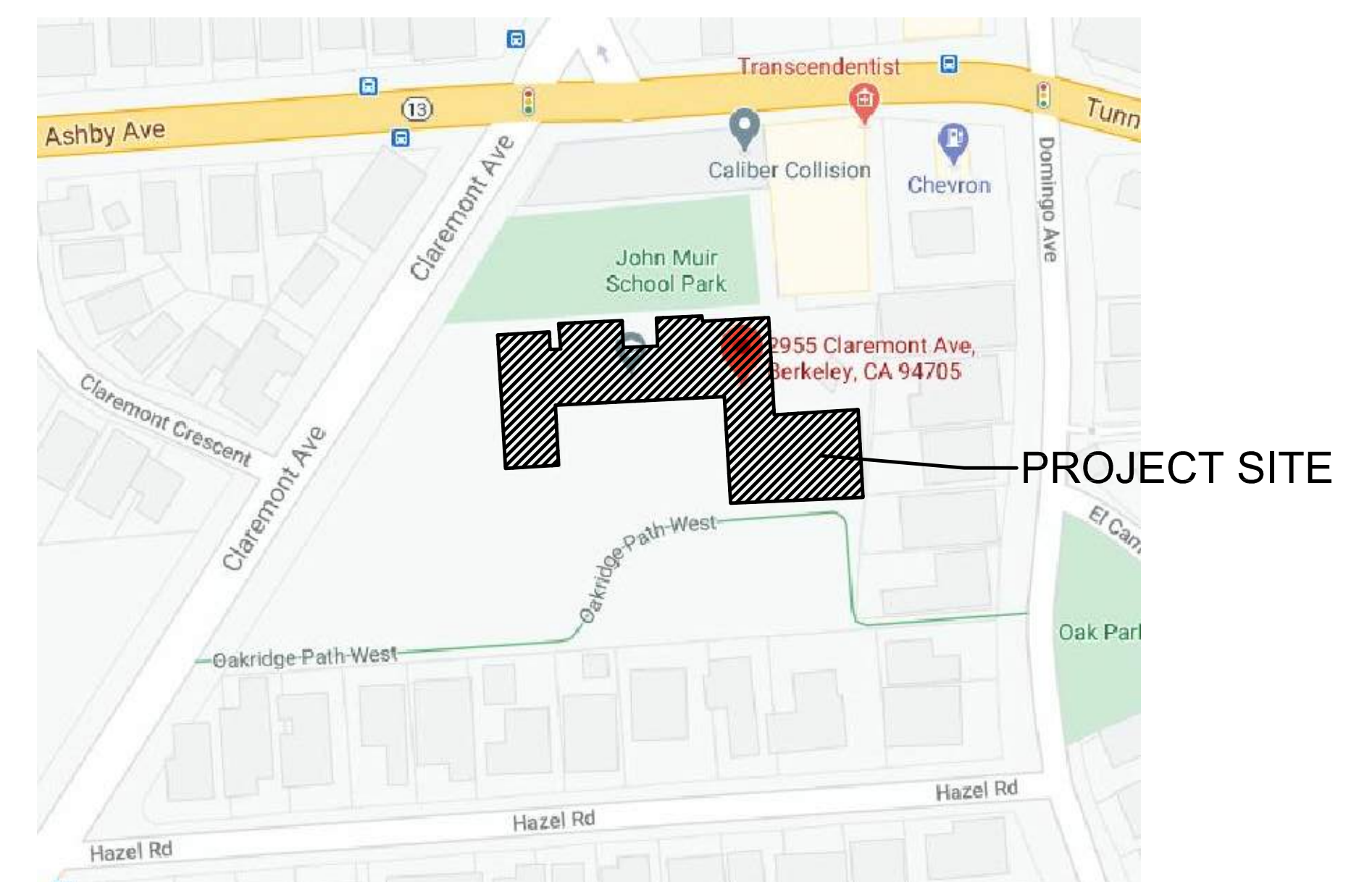
2.1 BASEMENT FLOOR PLAN

2.2 FIRST FLOOR PLAN

2.3 SECOND FLOOR PLANS

5.1 DETAILS

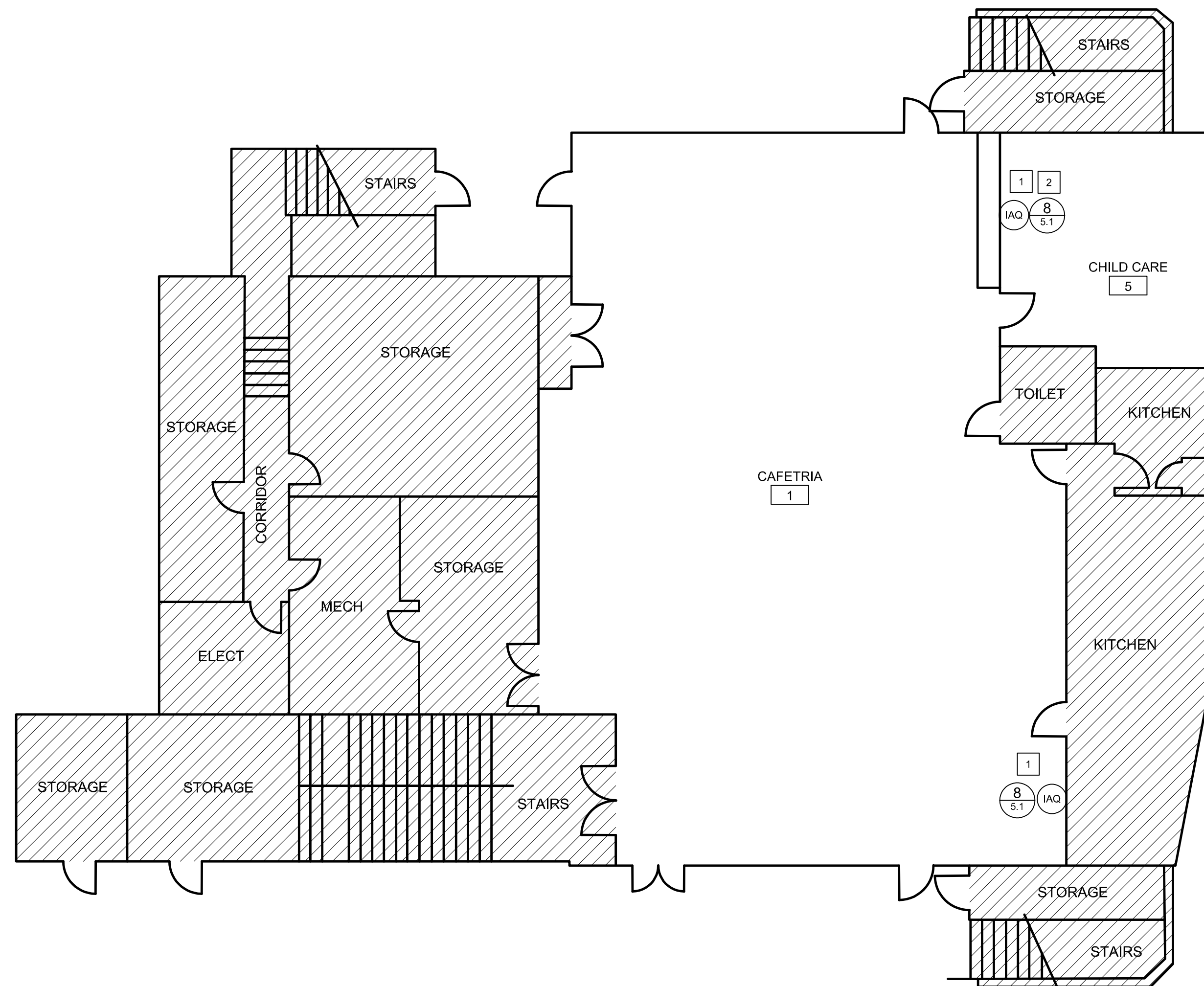
SITE MAP



FOR REFERENCE
USE ONLY



SCALE: N.T.S.



SHEET NOTES

- 1 REFER TO IAQ SENSOR MOUNTING DETAILS 6/5.1 FOR IAQ SENSORS ALTERNATE MOUNTING OPTIONS.
- 2 IAQ SENSOR SHOWN IN THIS ROOM IS AN ESTIMATE LOCATION. FIELD VERIFY AVAILABLE ELECTRICAL RECEPTACLE IN ROOM AND INSTALL PER DETAIL 6/5.1 MOUNTING OPTIONS

GENERAL NOTES

1. IAQ SENSOR MOUNTED +48" A.F.F. TYP. WHEN APPLICABLE BETWEEN 3'-0" OR 6'-0" A.F.F., NOTE: CLASSROOM SPACES ARE SHOW DIAGRAMMATICAL
2. IAQ SENSOR MOUNTED 5'-0" MINIMUM CLEAR FROM AN EXTERIOR DOOR OR EXTERIOR OPERABLE WINDOW.
3. MOUNT IAQ SENSOR w/ APPROPRIATE CORRESPONDING WALL TYPE ANCHORS/FASTENERS #8 x 1" SCREW AND SELF DRILLING DRYWALL ANCHOR OR RED MOLLY POLYETHYLENE #8 x 1" FOR PLASTER, AND CONCRETE SURFACES.
4. IF (E) ELECTRICAL RECEPTACLE TO BE USE FOR IAQ SENSOR IS CURRENTLY BEING USED ENSURE ALL ELECTRONIC EQUIPMENT (COMPUTERS, PRINTERS ETC.) ARE TURNED OFF PRIOR TO UNPLUGGING THEM FROM ELECTRICAL RECEPTACLE. AFTER INSTALLING IAQ SENSOR SURGE PROTECTOR RE-PLUGGED ALL ELECTRONIC EQUIPMENT INTO (N) SURGE PROTECTOR.
5. SCHNEIDER ELECTRIC TO COORDINATE w/ SCHOOL DISTRICT TO CLEAR ALL OBSTACLES IN FRONT OF IAQ SENSORS LOCATIONS PRIOR TO INSTALLATION OF IAQ SENSORS.
6. SPACES SHOWN WITHIN CROSS HATCH AREAS ARE NOT PART OF THIS SCOPE OF WORK UNLESS OTHERWISE IDENTIFIED TO BE INCLUDED. IF ADDITIONAL SPACES ARE ADDED AND ARE NOT SHOWN ON PLANS SUBMIT AN RFI FOR SPACE OR ZONE IDENTIFIED FOR FURTHER INSTRUCTIONS

LEGEND

ROOM NAME	ROOM NAME & NUMBER IDENTIFICATION
#	
xx	NUMBERED SHEET NOTE
IAQ	LOCATION WHERE IAQ SENSOR TO BE INSTALLED
X AX.X	INTERIOR ELEVATION IDENTIFICATION
	ARROWS MEANS ELEVATED WALL
	SHEET # WHERE INTERIOR ELEVATION IS SHOWN
X AX.X	DETAIL IDENTIFICATION
	SHEET # WHERE DETAIL IS SHOWN
(R)	WIFI RADIO COMMUNICATION
	CROSS HATCH AREAS INDICATE SPACES NOT INCLUDE IN CONTRACT AND ARE NOT PART OF THIS SCOPE OF WORK



Equastar Facility Consulting

3800 Baltimore Drive, Turlock, CA 95382

CONSULTANT

SCHOOL DISTRICT

PROJECT TITLE

IAQ SENSOR INSTALLATION

REVISIONS

FOR REFERENCE
USE ONLY

SHEET TITLE

BASEMENT
FLOOR PLAN

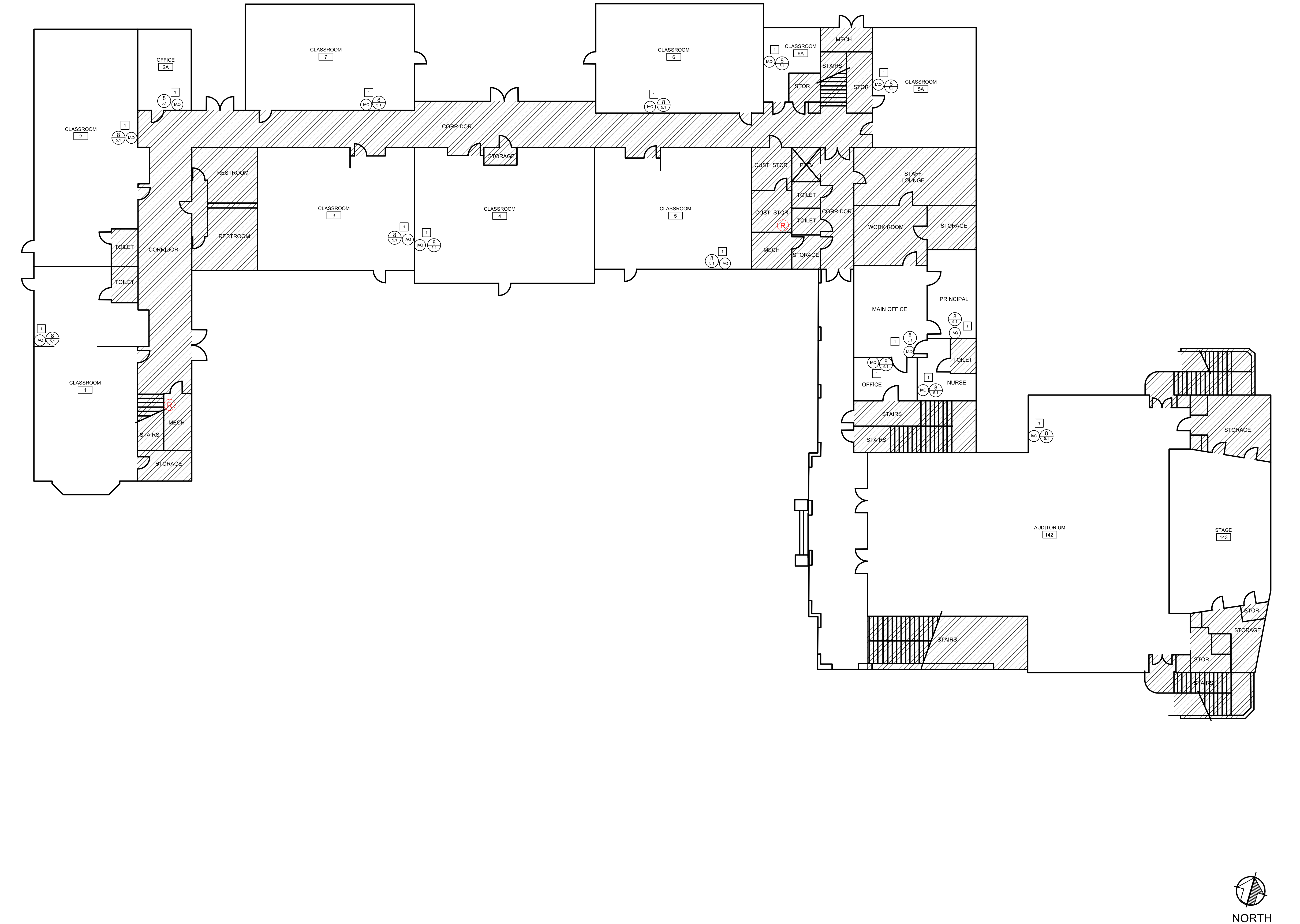
DATE: MAR 16, 2021

DRAWN BY: RVC

JOB NO. 2101

SHEET NO.

2.1
OF



SCALE: N.T.S.

SHEET NOTES

- 1 REFER TO IAQ SENSOR MOUNTING DETAILS 6/5.1 FOR IAQ SENSORS
ALTERNATE MOUNTING OPTIONS.

GENERAL NOTES

1. IAQ SENSOR MOUNTED +48" A.F.F. TYP. WHEN APPLICABLE BETWEEN 3'-0" OR 6'-0" A.F.F., NOTE: CLASSROOM SPACES ARE SHOW
DIAGRAMMATICAL
2. IAQ SENSOR MOUNTED 5'-0" MINIMUM CLEAR FROM AN EXTERIOR
DOOR OR EXTERIOR OPERABLE WINDOW.
3. MOUNT IAQ SENSOR w/ APPROPRIATE CORRESPONDING WALL TYPE
ANCHORS/FASTENERS #8 x 1" SCREW AND SELF DRILLING DRYWALL
ANCHOR OR RED MOLLY POLYETHYLENE #8 x 1" FOR PLASTER, AND
CONCRETE SURFACES.
4. IF (E) ELECTRICAL RECEPTACLE TO BE USE FOR IAQ SENSOR IS
CURRENTLY BEING USED ENSURE ALL ELECTRONIC EQUIPMENT
(COMPUTERS, PRINTERS ETC.) ARE TURNED OFF PRIOR TO
UNPLUGGING THEM FROM ELECTRICAL RECEPTACLE. AFTER
INSTALLING IAQ SENSOR SURGE PROTECTOR RE-PLUGGED ALL
ELECTRONIC EQUIPMENT INTO (N) SURGE PROTECTOR.
5. SCHNEIDER ELECTRIC TO COORDINATE w/ SCHOOL DISTRICT TO CLEAR
ALL OBSTACLES IN FRONT OF IAQ SENSORS LOCATIONS PRIOR TO
INSTALLATION OF IAQ SENSORS.
6. SPACES SHOWN WITHIN CROSS HATCH AREAS ARE NOT PART OF THIS
SCOPE OF WORK UNLESS OTHERWISE IDENTIFIED TO BE INCLUDED. IF
ADDITIONAL SPACES ARE ADDED AND ARE NOT SHOWN ON PLANS
SUBMIT AN RFI FOR SPACE OR ZONE IDENTIFIED FOR FURTHER
INSTRUCTIONS

LEGEND

- ROOM NAME
ROOM NAME & NUMBER IDENTIFICATION
- XX NUMBERED SHEET NOTE
- IAQ LOCATION WHERE IAQ SENSOR TO BE INSTALLED
- X AX.X INTERIOR ELEVATION IDENTIFICATION
ARROWS MEANS ELEVATED WALL
SHEET # WHERE INTERIOR ELEVATION IS SHOWN
- X AX.X DETAIL IDENTIFICATION
SHEET # WHERE DETAIL IS SHOWN
- (R) WIFI RADIO COMMUNICATION
- CROSS HATCH AREAS INDICATE SPACES NOT
INCLUDE IN CONTRACT AND ARE NOT PART OF
THIS SCOPE OF WORK



Equastar Facility Consulting

3800 Baltimore Drive, Turlock, CA 95382

CONSULTANT

SCHOOL DISTRICT

PROJECT TITLE

IAQ SENSOR
INSTALLATION

REVISIONS

FOR REFERENCE
USE ONLY

SHEET TITLE

FIRST
FLOOR PLAN

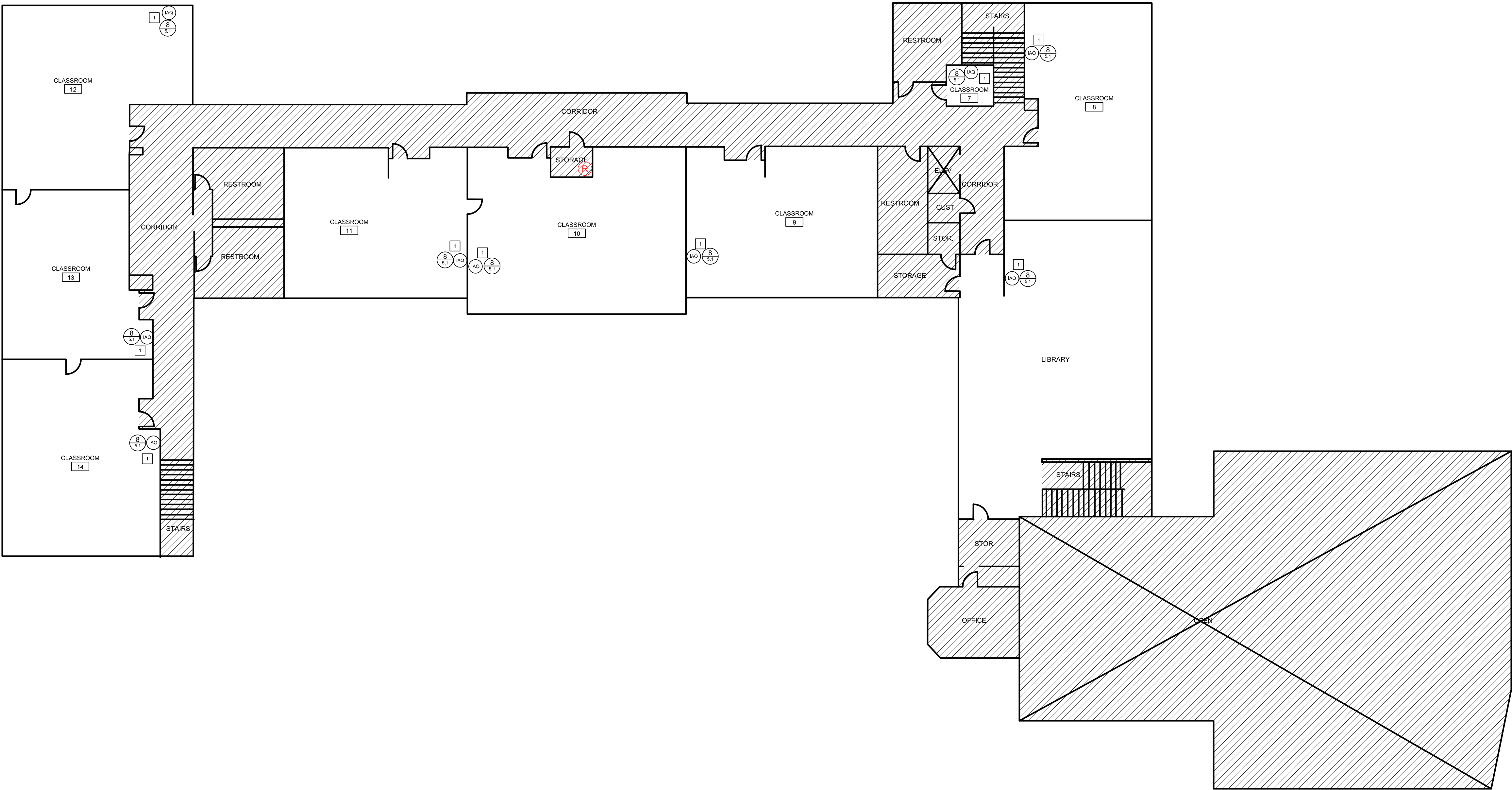
DATE: MAR 16, 2021

DRAWN BY: RVC

JOB NO. 2101

SHEET NO.

2.2
OF



SHEET NOTES

1 REFER TO IAQ SENSOR MOUNTING DETAILS 6/5.1 FOR IAQ SENSORS
ALTERNATE MOUNTING OPTIONS.

GENERAL NOTES

1. IAQ SENSOR MOUNTED +48" A.F.F. TYP. WHEN APPLICABLE BETWEEN 3'-0" OR 6'-0" A.F.F., NOTE: CLASSROOM SPACES ARE SHOW DIAGRAMMATICAL
2. IAQ SENSOR MOUNTED 5'-0" MINIMUM CLEAR FROM AN EXTERIOR DOOR OR EXTERIOR OPERABLE WINDOW.
3. MOUNT IAQ SENSOR w/ APPROPRIATE CORRESPONDING WALL TYPE ANCHORS/FASTENERS #8 x 1" SCREW AND SELF DRILLING DRYWALL ANCHOR OR RED MOLLY POLYETHYLENE #8 x 1" FOR PLASTER, AND CONCRETE SURFACES.
4. IF (E) ELECTRICAL RECEPTACLE TO BE USE FOR IAQ SENSOR IS CURRENTLY BEING USED ENSURE ALL ELECTRONIC EQUIPMENT (COMPUTERS, PRINTERS ETC.) ARE TURNED OFF PRIOR TO UNPLUGGING THEM FROM ELECTRICAL RECEPTACLE. AFTER INSTALLING IAQ SENSOR SURGE PROTECTOR RE-PLUGGED ALL ELECTRONIC EQUIPMENT INTO (N) SURGE PROTECTOR.
5. SCHNEIDER ELECTRIC TO COORDINATE w/ SCHOOL DISTRICT TO CLEAR ALL OBSTACLES IN FRONT OF IAQ SENSORS LOCATIONS PRIOR TO INSTALLATION OF IAQ SENSORS.
6. SPACES SHOWN WITHIN CROSS HATCH AREAS ARE NOT PART OF THIS SCOPE OF WORK UNLESS OTHERWISE IDENTIFIED TO BE INCLUDED. IF ADDITIONAL SPACES ARE ADDED AND ARE NOT SHOWN ON PLANS SUBMIT AN RFI FOR SPACE OR ZONE IDENTIFIED FOR FURTHER INSTRUCTIONS

LEGEND

ROOM NAME	
#	ROOM NAME & NUMBER IDENTIFICATION
xx	NUMBERED SHEET NOTE
IAQ	LOCATION WHERE IAQ SENSOR TO BE INSTALLED
X AX-X	INTERIOR ELEVATION IDENTIFICATION
ARROWS	ARROWS MEANS ELEVATED WALL
SHEET #	SHEET # WHERE INTERIOR ELEVATION IS SHOWN
X AX-X	DETAIL IDENTIFICATION
SHEET #	SHEET # WHERE DETAIL IS SHOWN
(R)	WIFI RADIO COMMUNICATION
Cross-hatched area	CROSS HATCH AREAS INDICATE SPACES NOT INCLUDE IN CONTRACT AND ARE NOT PART OF THIS SCOPE OF WORK



Equastar Facility Consulting

3800 Baltimore Drive, Turlock, CA 95382

CONSULTANT

SCHOOL DISTRICT

PROJECT TITLE

IAQ SENSOR
INSTALLATION

REVISIONS

FOR REFERENCE
USE ONLY

SHEET TITLE

SECOND
FLOOR PLAN

DATE: MAR 16, 2021

DRAWN BY: RVC

JOB NO. 2101

SHEET NO.

2.3
OF



3800 Baltimore Drive, Turlock, CA 95382

CONSULTANT

SCHOOL DISTRICT

PROJECT TITLE

IAQ SENSOR INSTALLATION

REVISIONS

FOR REFERENCE
USE ONLY

SHEET TITLE

DETAILS

DATE: MAR 16, 2021

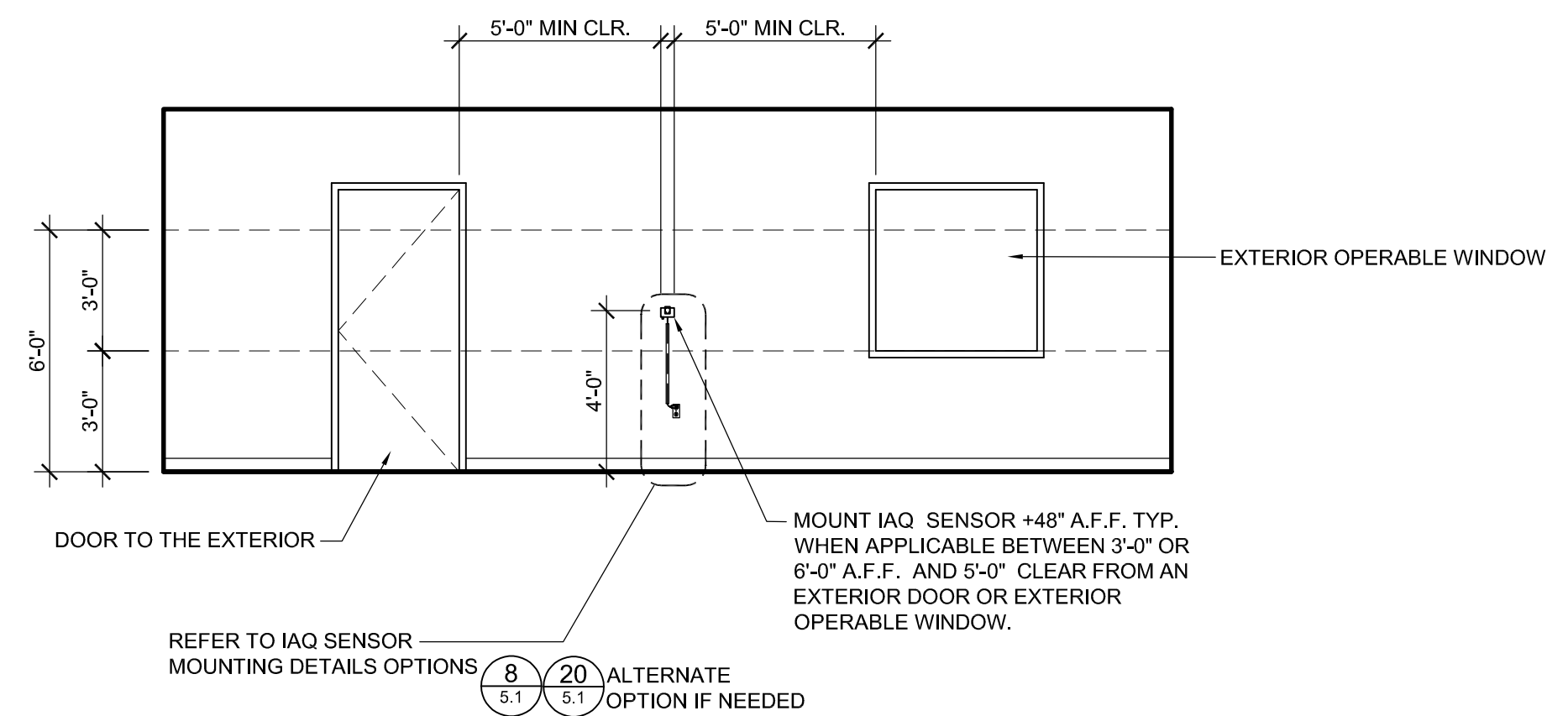
DRAWN BY: RVC

JOB NO. 2101

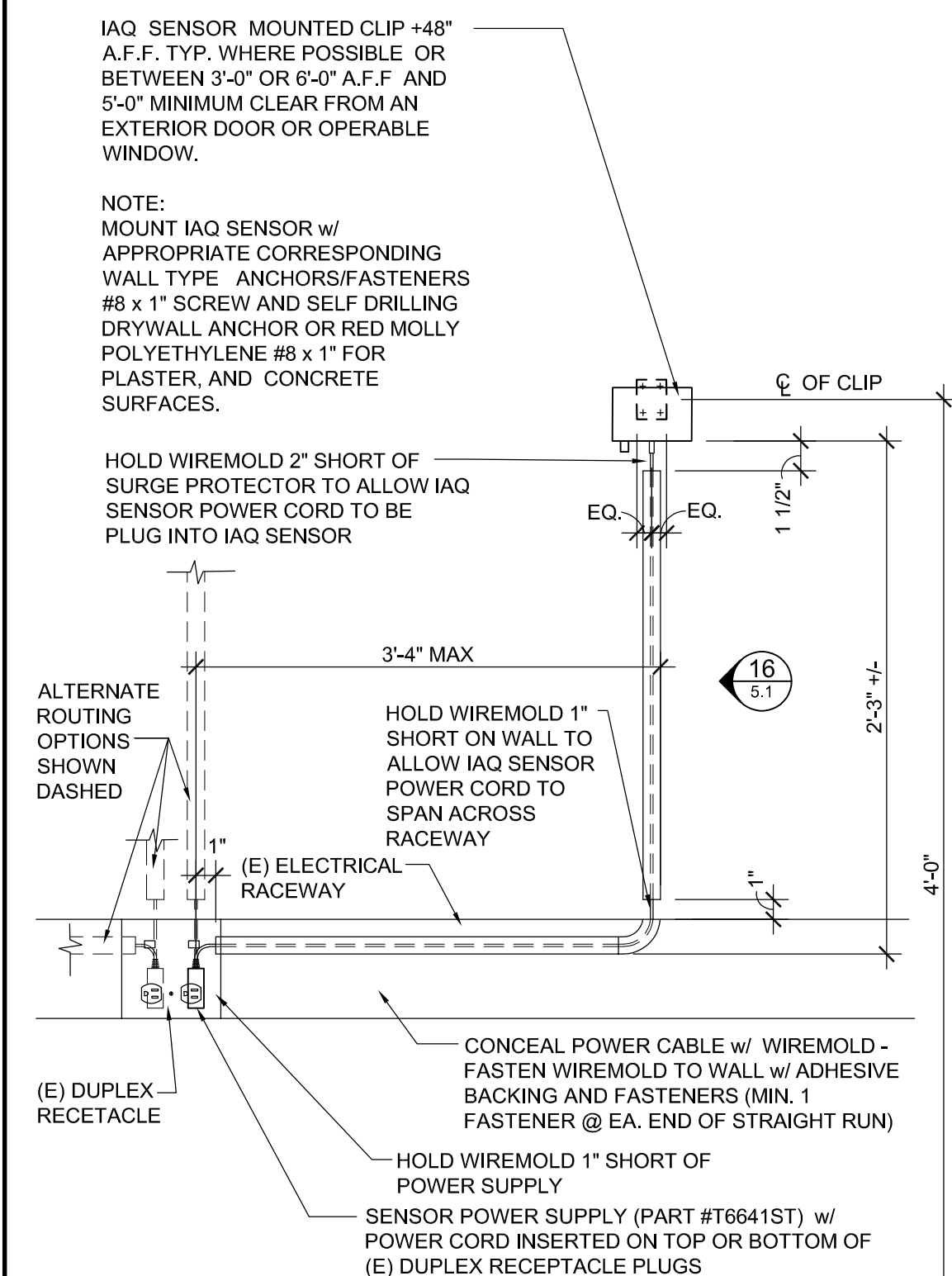
SHEET NO.

5.1

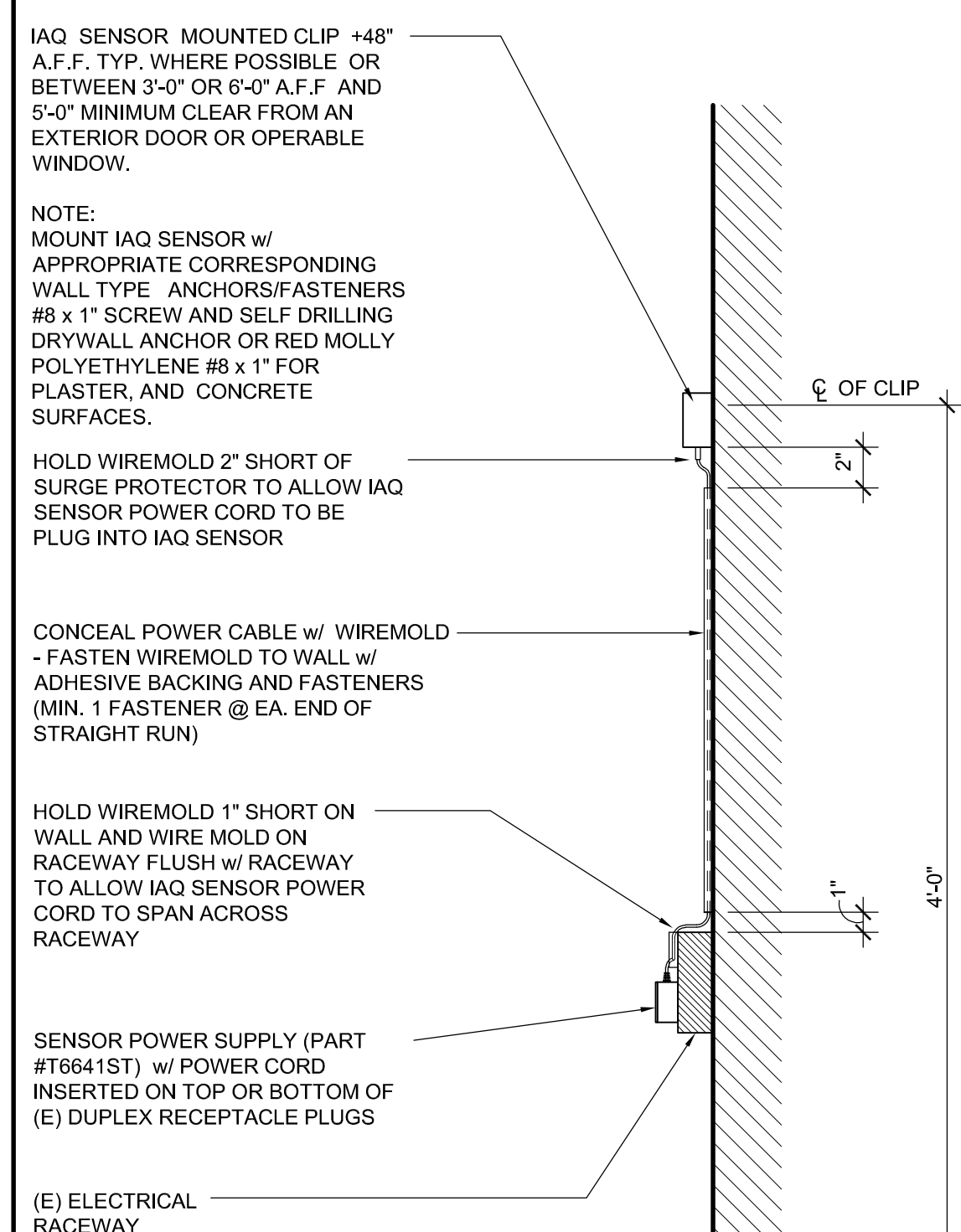
■



6	IAQ SENSOR MOUNTING DETAIL
---	----------------------------



**IAQ SENSOR INSTALLED ABOVE
OFFSET FROM (E) RACEWAY
DUPLEX RECEPTACLE**



IAQ SENSOR INSTALLED OFFSET (E)
RACEWAY DUPLEX RECEPTACLE SECTION

IAQ SENSOR MOUNTED CLIP + A.F.F. TYPE, WHERE POSSIBLE. C. BETWEEN 3'-0" OR 6'-0" A.F.F. AND 5'-0" MINIMUM CLEAR FROM AN EXTERIOR DOOR OR OPERABLE WINDOW.

NOTE:
MOUNT IAQ SENSOR w/ APPROPRIATE CORRESPONDING WALL TYPE ANCHORS/FASTENERS #8 x 1" SCREW AND SELF DRILLING DRYWALL ANCHOR OR RED MOLE POLYETHYLENE #8 x 1" FOR PLASTER AND CONCRETE SURFACES.

HOLD WIREMOLD 2" SHORT OF SURGE PROTECTOR TO ALLOW SENSORS POWER CORD TO BE PLUG INTO IAQ SENSOR

CONCEALED POWER CABLE w/ WIREMOLD - FASTEN WIREMOLD TO WALL w/ ADHESIVE BACKING AND FASTENERS (MIN. 1 FASTENER IN EA. END OF STRAIGHT RUN)

HOLD WIREMOLD 1" +/- SHORT OF POWER SUPPLY

ALTERNATE ROUTING OPTIONS SHOWN DASHED

SENSOR POWER SUPPLY (E) #1664151 W/ POWER CORD INSERTED ON TOP OR BOTTOM OF (E) DUPLEX RECEPTACLE PLUGS (E) DUPLEX RECEPTACLE

4'-0"

2'-3" +/-

3'-10" MAX

1" +/-

1"

EQ.

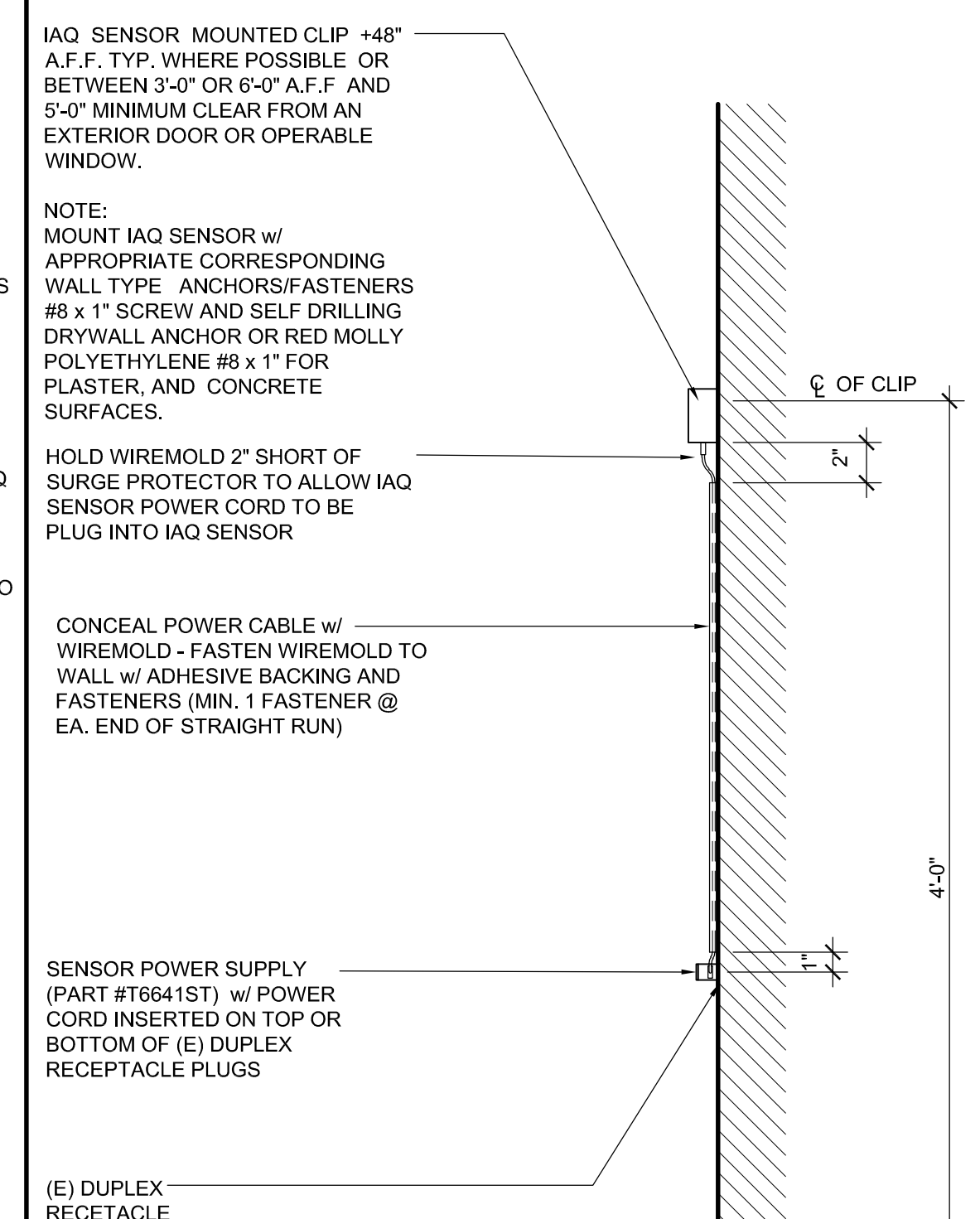
EQ.

CLIP OF CLIP

4

5.1

**IAQ SENSOR INSTALLED DIRECTLY
ABOVE (E) DUPLEX RECEPTACLE**



**IAQ SENSOR INSTALLED DIRECTLY ABOVE
(E) DUPLEX RECEPTACLE SECTION**

20	IAQ SENSOR MOUNTING #3
----	------------------------

16	IAQ SENSOR MOUNTING SECTION
----	-----------------------------

12	NOT USED
----	----------

8	IAQ SENSOR MOUNTING #1
---	------------------------

4	IAQ SENSOR MOUNTING SECTION
---	-----------------------------