

**BAKERSFIELD CITY SCHOOL DISTRICT
(10) 24X40 TEMPORARY PORTABLE CLASSROOMS
AT ROOSEVELT ELEMENTARY SCHOOL
BAKERSFIELD, KERN COUNTY, CALIFORNIA**

BID OPENING:
May 9th, 2024 at 11:00am

Job No. 1317.1
Appl. No. 15-6
File No. 03-123198

ADDENDUM NO. #02

NOTICE TO CONTRACTORS FIGURING THIS WORK

You are hereby notified of the following changes in the plans and specifications, which shall take precedence over anything to the contrary therein.

-
- 2-1) Refer to Bid Project Manual as issued by the District for, PROJECT/CONTRACT NUMBER: 22219.TR-40, DIVISION 0, SECTION 00 21 13-01, BID PACKAGE 01 – EXTERIOR IMPROVEMENTS;
- a. ADD: The following items:
#45 Demo of existing trees and rootballs as shown on Addendum No. 01.
#46 Provide and install redwood header to existing tree scheduled to remain in asphalt as shown on Addendum No. 01.
- 2-2) Refer to Bid Project Manual as issued by the District for, PROJECT/CONTRACT NUMBER: 22219.TR-40, DIVISION 0, SECTION 00 21 13-02, BID PACKAGE 02 – ELECTRICAL, FIRE ALARM & COMMUNICATIONS;
- a. DELETE: Drawing BCSD 30x32 CR BLDG. See also Item 2-2b. of this Addendum.
- b. ADD: The following item:
#27 Provide and install data for smart board and installation of District provided smart board as shown on attached Drawing BCSD 24x40 CR BLDG and BCSD smart board/LCD installation methods and requirements document as attached to this Addendum.
- 2-3) See attached Pre-Bid RFIs with responses.

CONFORMANCE WITH SPECIFICATIONS

All work shall be in conformance with the specifications as they apply to work of a similar nature.

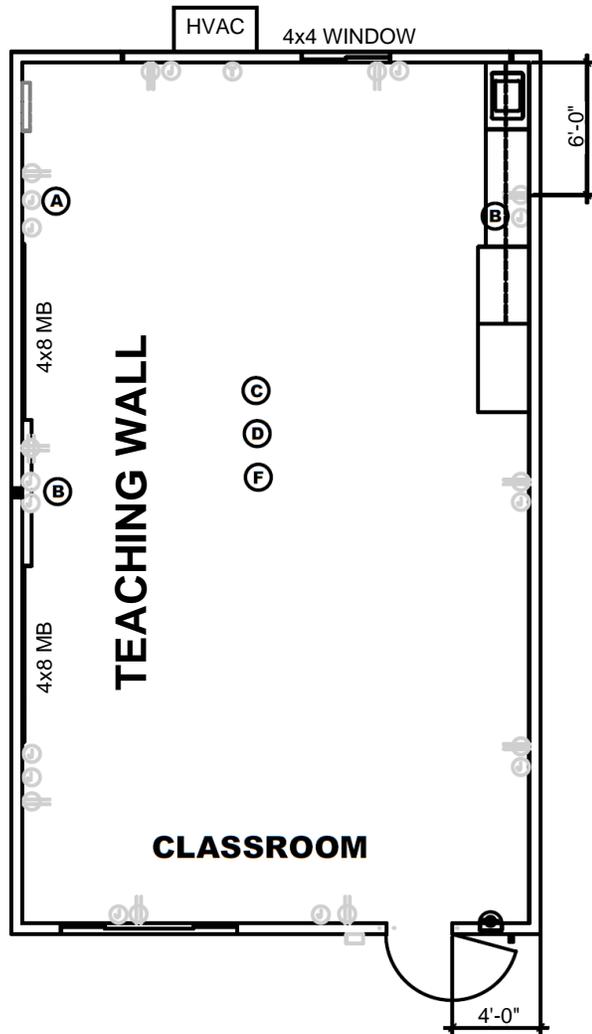


SCARCHITECT, INC.

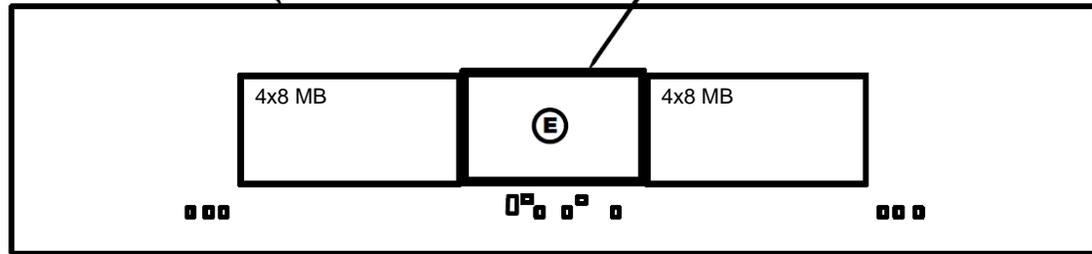
1601 New Stine Road, Ste. 280
Bakersfield, CA 93309

A handwritten signature in blue ink, appearing to read "S. Corbin", written over a horizontal line.

Stephen J. Corbin, AIA, NCARB, LEED-AP BD+C
Architect



9' CEILING HT. SMARTBOARD LOCATION
BCSD TO PROVIDE, CONTRACTOR TO INSTALL



STD 24x40 TEACHING WALL 7-7-22

KEYNOTES

- (A) INSTALL/TERMINATE 3 CAT6 DATA CABLES INTO 3 PORT FACEPLATE
- (B) INSTALL/TERMINATE 2 CAT6 DATA CABLES INTO 3 PORT FACEPLATE
USE BLANK ON 3RD PORT
- (C) INSTALL/TERMINATE 2 CAT6 DATA CABLES ABOVE CEILING TILE
LEAVE COIL BOTH CABLES UP AND ATTACH TO J-HOOK
30FT SPARE LENGTH
- (D) INSTALL/TERMINATE 2 CAT6A DATA CABLES INTO 2 PORT FACEPLATE
ATTACH FACEPLATE TO A 1G LOW VOLTAGE BRACKET INSTALLED IN CEILING TILE
- (E) DISTRICT PROVIDED SMARTBOARD AND ASSOCIATED EQUIPMENT TO BE INSTALLED
ACCORDING TO BCSD SMARTBOARD/LCD INSTALLATION METHODS AND REQUIREMENTS
- (F) INSTALL CEILING MOUNTED CLASSROOM SPEAKER
SPEAKER TO BE CONNECTED/PROGRAMMED TO DISTRICT P/BELL SYSTEM
VALCOM CLASS CONNECTION

STD BCSD 24x40 CR BLDG
7-7-22

BCSD 24x40 CR BLDG SMARTBOARD/DATA INSTALL NOTES



BCSD SMARTBOARD/LCD INSTALLATION METHODS AND REQUIREMENTS

Revised 9/2022



INSTALLING OF A SMART BOARD IQ, LCD, AND WALL CONNECTION DEVICE.

Smart Board IQ / LCD Display

Mounting bracket:

Unless otherwise approved by the district, a Premier Mounts low profile wall mount with a correct weight tolerance per the display being installed must be used.

The wall mounted bracket is required to be secured to three studs. In absence of a third wall stud Toggle Anchors with a minimum 200 pound load tolerance will be required.

Wood Studs:

When securing to a wood stud the installation requirements are six 3" 5/16" wood lags with the appropriate flat standard washer.

Metal Studs:

When securing to a metal stud the installation requirements are six #12 3" metal self-tapping lag with the appropriate flat standard washer.

Concrete Wall

When securing to a concrete wall the installation requirements are six 3' X 3/8" Red Head Wedge Anchor with 3/8 standard washer.

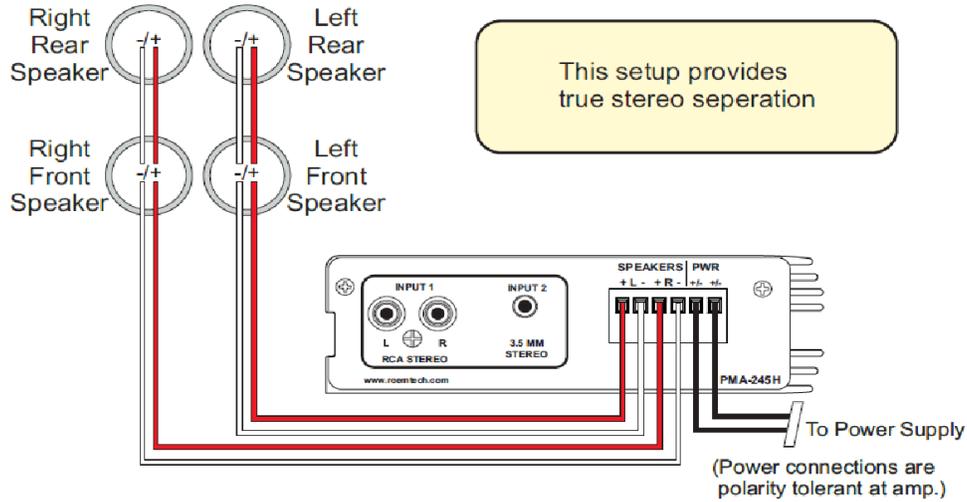
Wall Connection Device

1. Unless otherwise approved by the district, all wall connection devices in relation to the connection for the Smart Board or LCD will be at the standard duplex height in relation to the classroom.
2. Connection devices are required to be installed near or next to existing data ports.
3. Unless otherwise approved by the district, all connection devices will be required to be installed on the same teaching wall as the Smart Board or LCD.
4. Unless otherwise approved by the district, all wall connection devices need to have a protective device cover installed. All covers must be approved by the district.



Installing Classroom Amplifier (typical)

Typical Stereo Wiring Diagram



New RapidLock™ Connector

Locks Cable Into Place

Allows for Cable Insertion or Removal

RapidLock Instructions

1. DO NOT strip wire. This is not optional. If wire is striped, cut off exposed copper.
2. Make sure levers are in the "open" position. (The RapidLock connector typically comes with the levers flipped out or "open".)
3. Each lever has two holes, one is square and one is round. Insert the cable into the round hole while inserting the tweaker into the square hole. Once both are fully inserted, pull the tweaker so that the lever is completely closed.

New HummBuster® Filters

HummBuster Instructions

1. Start with the switches in the "OFF" position. This is the standard state of most amplifiers. If the filters are turned "ON" when they are not needed - sometimes it can cause a humming sound.
2. If a humming sound is encountered in the audio system switch in only one filter at a time. If there is no change, switch the filter back off and by the second filter. This will remedy almost all audio humming or buzzing issues. If neither filter solves the issue, you may have a poorly shielded cable that needs to be fixed or replaced.

When installing a classroom amplifier, install the AMP behind the IQ / LCD shroud or above the ceiling tile. The preferred method of installation for the district is behind the shroud. The AMP and power brick will be required to be secured to the wall surface with commercial grade Velcro with a minimum of a ten pound tolerance load. When Velcro is used, the portion that is attached to the wall surface will be required to be secured with additional wood screws.

Ceiling Speaker Installation Guide

Pictures of finished installation



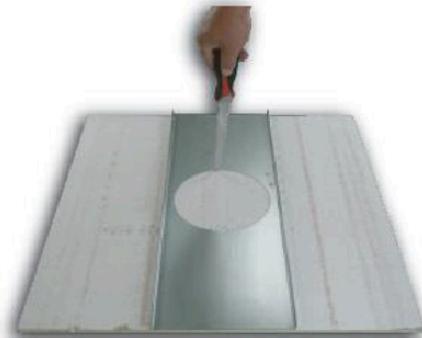
Front/grill side



Rear/speaker can side

STEP 1 - Place the ceiling tile face down on a clean surface.

STEP 2 - Measure across the tile to find the exact center. Place the tile bridge on the back of the tile and align the tile bridge so that it is centered on the tile.

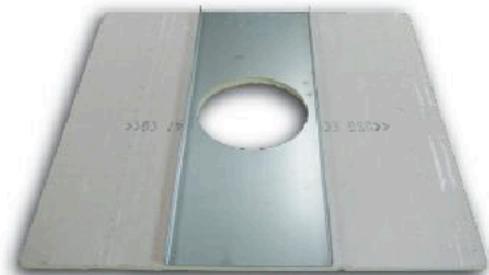


STEP 3 - Use the tile bridge as a template to trace the outline for the hole to be cut in the tile.

STEP 4 - Remove the tile bridge and use a roto tool, keyhole saw, or saber saw to cut the hole in the tile.



STEP 5 - Place the tile bridge on the tile and align it with the hole.



STEP 6 - While holding the tile bridge to the back of the tile, turn the tile and bridge over and place it so the sides are supported while allowing an opening for the speaker to be placed into the hole. A cardboard box or trash bin can be used to support the tile.



STEP 7 - Lower the speaker into the hole. The photo shows the speaker being lowered from the side for clarity.



Front view of a properly installed speaker with its grill in place.



Rear view of a properly mounted speaker with tile bridge. Note three of the speaker clamps are visible.

STEP 8 - Release the 4 speaker clamps so they are firmly holding the speaker to the tile, with a twist and drop motion.



STEP 9 - Drop the speaker wire down from the empty tile hole in the ceiling and connect it to the speaker. Remove the insulation from the end of the wires. While pushing the plastic tab to open the terminal insert the bare wire into the terminal hole and release the tab. Connect the red wire to the red terminal and the black wire to the black terminal.



Add your safety wire to this attachment point, as required by local code. Safety wire will support the entire speaker and tile bridge assembly.

STEP 10 - Gently place the speaker/tile assembly into the ceiling.



Installation Requirements

Ceiling Speaker Installations:

1. Each speaker must be secured with the provided manufacturer tile bridge assembly and a contractor provided seismic safety cable with a minimum of a 3 pound load tolerance at the attachment point on each ceiling speaker.

Wood Rafter

When anchoring the safety cable to the closest wood rafter to the ceiling speaker, a ¼" X 3" Acoustical Eye Lag is required.

Metal Rafter

When anchoring the safety cable to the closest metal rafter to the ceiling speaker, a ¼" X 2" Self Tapping Acoustical Eye Lag is required.

2. The preferred placement of ceiling speakers is a four position pattern that encompasses the student area of the classroom without creating an excessive overlap or dead zone.
3. The preferred placement of ceiling speakers within the ceiling tile is directly center and must mirror the same placement as the adjoining speaker. If the pathway of the speaker is blocked, the speaker can be installed in a half tile pattern.

Wall Speaker Installations:

1. The installation of the raceway must reflect a "T" pattern, each wall speaker is required to be 3ft from the center of the raceway main pathway leading up from the Smart Board or LCD Display.
2. Each wall speaker is required to be installed at 58 ½" from the bottom of the Smart Board or Display, unless otherwise approved by the district.
3. The provided manufacturer wall speaker bracket is required to be installed horizontally and secured in two separate positions within the bracket.

Drywall / Tact Board Wall:

When securing to a drywall or tact board wall, a wall anchor with a minimum of a 20 pound load tolerance is required. Depending on the size of the appropriate screw to the anchor a standard flat washer will be required.



Wood Wall:

When securing to a plywood or plywood backed wall, a #8 X 1-¼" or #8 X 1-5/8" wood screw with the appropriate standard flat washer will be required.

Surface Mounted Raceway:

1. The path of the raceway must be clear of any obstruction, including any existing raceway and cannot be installed over any décor.
2. Surface mounted raceway that is installed on a non-concrete or brick wall will be secured with #8 X 1 5/8" or #8 X 1 ¼" wood screws and will not be secured with any adhesive backing.
3. When raceway is installed on a concrete or brick wall, it will be secured with concrete anchors and screws. Adhesive raceway backing may be used during the installation.

Drop Ceiling Installations:

1. Unless otherwise noted the preferred installation pathway of cabling will be from the Smart Board IQ or LCD up through the drop ceiling tile and back down through a drop ceiling tile that is near a teacher's computer station location.
2. "J Hooks" will be used at each entrance through the ceiling tile and at the appropriate locations to ensure that the cabling is not touching or resting on other ceiling tiles or electrical lines.
3. Cabling for the Smart Board, LCD and Speakers cannot be intertwined with any existing cables, conduits or be laying on fluorescent light panels.
4. Unless otherwise approved by the district, entrance fittings are required to be installed at each breach of the ceiling tile in relation to raceway pathways.
5. Service Loops of the cabling are required above each breach of the ceiling tile or installed equipment.



Hard Cap Ceiling Installations:

1. The preferred installation pathway of cabling will be from under the Smart Board or LCD to the teacher's location.
2. The installation of the raceway must reflect an "L" pattern to the appropriate drop location.
3. In relation to the Smart Board or Display any excess cabling must be secured to the wall behind the unit that does not affect the mounting location or securement of the unit.

Shroud / Cabling Installations:

1. Shrouds are required to be secured to the wall with the provided 2X4 lumber studs. Each 2X4 stud is required to be secured or anchored to the wall. The preferred method of shroud installation is at two separate positions to be countersunk and secured with #8 X 1 ¼" wood screws.
2. To allow proper ease of cable management, the shroud will be required to be notched in a manner that is not visible from the front of the Smart Board IQ. Installation of a section of Hubbell PL1ABC7 center of the Smart Board IQ unit that will clear from behind the unit and into the shroud will be required. All cabling from the Smart Board IQ into the shroud will be required to pass through the raceway section.
3. In relation to a Smart Board IQ with a lower shroud, any excess cabling must be secured to the wall below the unit that does not affect the mounting location or securement of the unit and must be concealed from view with the placement of the shroud. The following items can be used as cable management: Nylon mounting zip ties, Velcro strips or B-Line / Eaton BCH21 "J Hook".
4. Unless otherwise approved by the district, the termination of LAN to the Smart Board IQ will be required to be terminated to a RJ45 CAT6 Modular Jack in the shroud area. A provided CAT6 Patch Cable will be required to complete the connection from the modular jack to the Smart Board IQ LAN Port.
5. Unless otherwise approved by the district, two space differentials are required for the securement of the HD Base T Receiver located under the shroud. The following items can be used as a space differential: 5/16 stainless steel nuts, Nylon mounting holes from a zip tie or a Premier Mount universal spacer.
6. All cable management will be required to be "clean" to aid in identification of cabling.



Hubbell Raceway Systems:

1. Unless otherwise approved by the district, only Hubbell Poly Track Non-metallic Raceway is approved for installation of the Smart Board or LCD cabling. Refer to Installation Scope of each job for approved raceway systems.

General Housekeeping:

1. After each installation is complete the work area will be required to be free of any associated hardware, material packaging and dust or debris.
2. The floors that were in the immediate area of installation are required to be vacuumed to ensure that all hazards have been removed.

Installation Heights:

Unless otherwise approved by the district, see installation heights listed below.

Grade Level	Height in Inches
T-K Kindergarten Special Ed Grade Levels 1st through 2nd 1st through 2nd	32" To the bottom of the Smart Board IQ or LCD
Special Ed Grade Levels 3rd through 8th 3rd through 8th	36" To the bottom of the Smart Board IQ or LCD
Parent Resource Centers Library Conference Room	40" To the bottom of the Smart Board IQ or LCD

REQUEST FOR INFORMATION (RFI)

From: Contractor: JTS Construction
P.O. Box 41765
Bakersfield, CA 93384-1765

RFI No.: 001
Date: 5/1/2024

To: BCSD

PROJECT: Rosevelt ES (10) Portables

Subject: _____ Date Response Required: ASAP
Drawing Reference: _____ Specifications Reference: _____

We request the following information/clarification:

It appears that the closure panels between the modular buildings are not part of any of the bid packages.
Should they be included in the exterior improvements bid package?

Contractor's Authorized Signature: Jennifer Gangl
 Check here if additional pages attached

Page 1 of 1

Response: BCSD will install the closure panels.

Note: This is not an authorization to proceed with work involving any additional cost and/or time. Notification must be given by the Contractor in accord with the Contract Documents if the response causes any change to the Contract.

Responded By:

Title: _____
Firm: BCSD

Signature: Juan Montelongo
Date: 5/2/2024

Check here if additional pages attached
cc:

Page 1__of_1

REQUEST FOR INFORMATION (RFI)

From: Contractor: JTS Construction
P.O. Box 41765
Bakersfield, CA 93384-1765

RFI No.: 002
Date: 5/1/2024

To: BCSD

PROJECT: Rosevelt ES (10) Portables

Subject: _____ Date Response Required: ASAP
Drawing Reference: _____ Specifications Reference: _____

We request the following information/clarification:

It appears that the building signage is not part of any of the bid packages. Should they be included in the exterior improvements bid package?

Contractor's Authorized Signature: Jennifer Gangl
 Check here if additional pages attached

Page 1 of 1

Response: Installation of building signage will be by BCSD.

Note: This is not an authorization to proceed with work involving any additional cost and/or time. Notification must be given by the Contractor in accord with the Contract Documents if the response causes any change to the Contract.

Responded By:

Title: _____
Firm: BCSD

Signature: Juan Montelongo
Date: 5/2/2024

Check here if additional pages attached
cc:

Page 1__of_1

REQUEST FOR INFORMATION (RFI)

From: Contractor: JTS Construction
P.O. Box 41765
Bakersfield, CA 93384-1765

RFI No.: 003
Date: 5/1/2024

To: BCSD

PROJECT: Rosevelt ES (10) Portables

Subject: _____ Date Response Required: ASAP
Drawing Reference: _____ Specifications Reference: _____

We request the following information/clarification:

It appears that the irrigation modifications shown on note 2 on detail B/A2 are not part of any of the bid packages. Should they be included in the exterior improvements bid package or shall the owner perform this work?

Contractor's Authorized Signature: Jennifer Gangl
 Check here if additional pages attached

Page 1 of 1

Response:

BCSD will cap or modify irrigation lines in the construction area.

Note: This is not an authorization to proceed with work involving any additional cost and/or time. Notification must be given by the Contractor in accord with the Contract Documents if the response causes any change to the Contract.

Responded By:

Title: _____
Firm: BCSD

Signature: Juan Montelongo
Date: 5/2/2024

Check here if additional pages attached
cc:

Page 1__of 1

REQUEST FOR INFORMATION (RFI)

From: Contractor: JTS Construction
P.O. Box 41765
Bakersfield, CA 93384-1765

RFI No.: 004
Date: 5/1/2024

To: BCSD

PROJECT: Rosevelt ES (10) Portables

Subject: _____ Date Response Required: ASAP
Drawing Reference: _____ Specifications Reference: _____

We request the following information/clarification:

Please provide a soils report of there is one available.

Contractor's Authorized Signature: Jennifer Gangl

Check here if additional pages attached

Page 1 of 1

Response: BCSD doesn't have a soils report for this project.

Note: This is not an authorization to proceed with work involving any additional cost and/or time. Notification must be given by the Contractor in accord with the Contract Documents if the response causes any change to the Contract.

Responded By:

Title: _____

Firm: BCSD

Signature: Juan Montelongo

Date: 5/2/2024

Check here if additional pages attached

cc:

Page 1__of_1

REQUEST FOR INFORMATION (RFI)

From: Contractor: JTS Construction
P.O. Box 41765
Bakersfield, CA 93384-1765

RFI No.: 005
Date: 5/1/2024

To: BCSD

PROJECT: Rosevelt ES (10) Portables

Subject: _____ Date Response Required: ASAP
Drawing Reference: _____ Specifications Reference: _____

We request the following information/clarification:

Please provide project schedule.

Contractor's Authorized Signature: Jennifer Gangl
 Check here if additional pages attached

Page 1 of 1

Response: The first milestone is to complete grading and asphalt installation for the Portables R11 through R20 on or before July 5th. BCSD is scheduled to receive (10) 24'x40' Portables starting July 9th. Second milestone is to install the fire lane on or before August 2nd.

Note: This is not an authorization to proceed with work involving any additional cost and/or time. Notification must be given by the Contractor in accord with the Contract Documents if the response causes any change to the Contract.

Responded By:

Title: _____
Firm: BCSD

Signature: Juan Montelongo
Date: 5/2/2024

Check here if additional pages attached
cc:

Page 1 of 1