Alamo Elementary School
Sink addition to Bungalow B and LCD projector mounts
Keynote schedule

Site Plan:

1. Provide 48” by 24” handicapped accessible sink casework with Plastic Laminate top. Provide soap dispenser and paper towel dispenser mounted to correct ADA accessible heights. Please see casework elevation for additional details.
2. Provide ½” conduits to supply from electrical panel to power to undercounter instant hot water system located under the casework.
3. Provide new circuit breaker for new 240 volt instant hot water system.
4. Provide exterior cold water line stub out for future water connection into the building. Water connection shall be connected via future phase two water extension project.

Interior Elevation of the casework:

A. District Standard Paper towel dispenser Georga Pacific Softpull model number 59010 mounted to correct ADA accessible height.
B. District Standard Soap dispenser Bobrick model number B-2111 mounted to correct ADA accessible height.
C. District Standard classroom sink Elkay DRKAD 2517C or Just Sinks CRA_ADA_1725-A-GR (17” x 25”) with Chicago 3400-ABCP “Ecast” faucet.
D. ½” electrical conduit from panel board to Instant hot water system “Chromomite” Instant-Flow SR-30/208.
F. Provide Plastic Laminate countertop and casework. Color of Plastic laminate to be selected from Wilsonart standard color (solids, stone, or wood grain) selection. Selection to be determined. Please following the specifications below:
   a. Casework shall be Manuel of Millwork Construction, Custom Grade, style A (frameless) with a core material for LAMinates # 45 density Particleboard.
   b. 3 millimeter solid non-PVC edging
   c. 6” backsplash on two sides
LCD Projector mounts: the projector mounts are for five classrooms to be determined

a) Typical classroom projector mount location for five (5) classrooms. The projector mounts addition are for classroom 214, 215, 212, 218, 206. The exact location in the classroom shall be determined on site with the teacher.
b) 1 inch plywood mounting board for projector mounts.
c) Provide 4 sets of ceiling tie wire at each corner of the plywood mounting board and mount to structure above.
d) Provide outlet and power source for projector unit
e) 2x4 acoustical tile glued to plywood mounting board
f) 1 ½” galv. pipe with escutcheon plate attached to plywood mounting board. Paint black.
g) Peerless mounting assembly for LCD projectors to be supplied by the school.
h) LCD projector to be supplied by the school
i) Provide AV cable connection from projector to wall mounted AV connection box. You can assume a 50 foot connection.
j) Surface Wiremold to hide AV connection.
APPLICATION: commercial, industrial, residential, lavatory, shower, kitchen/bar sink, service sink, scrub sink

PRODUCT FEATURES

- Unlimited hot water
- Saves water and energy - 99% energy efficient
- Vandal resistant rugged cast aluminum housing
- Space saving compact size: 6-1/4" (H) x 9-1/8" x 2-3/4"
- Meets applicable building codes including ADA, UL, IAPMO, UPC.
- Environmentally friendly
- Made in the U.S.A.

Chronomite Instant-Flow® SR- Standard Flow models are manufactured to provide reliable point-of-use hot water at 1.0 gallon per minute with a minimum pressure of 25 PSI. There is no pressure and temperature relief valve needed (unless required by code), saving time and money on installation.

Housing is fabricated from rugged cast aluminum alloy.

Element assembly is fabricated from Celcon plastic.

Coils are nichrome.

Faucet flow controls and compression fittings are supplied with each unit.

<table>
<thead>
<tr>
<th>MODEL</th>
<th>BREAKER SIZE (AMPS)</th>
<th>VOLTAGE</th>
<th>WATTS</th>
<th>TEMP RISE @ 1.0 GPM</th>
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</thead>
<tbody>
<tr>
<td>SR-30/208</td>
<td>30</td>
<td>208</td>
<td>6,240</td>
<td>42°F</td>
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<tr>
<td>SR-30/240</td>
<td>30</td>
<td>240</td>
<td>7,200</td>
<td>49°F</td>
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<tr>
<td>SR-30/277</td>
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<td>277</td>
<td>8,310</td>
<td>57°F</td>
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<tr>
<td>SR-40/208</td>
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<td>208</td>
<td>8,320</td>
<td>57°F</td>
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<tr>
<td>SR-40/240</td>
<td>40</td>
<td>240</td>
<td>9,600</td>
<td>65°F</td>
</tr>
</tbody>
</table>

For the model being selected, please place the corresponding amps, volts and temperature rise values in the Guide Specifications to the right.

GUIDE SPECIFICATION

Tankless Water Heater shall be a Chronomite Laboratories Model

SR - ________ / ________ / ________

with ________ Amps and ________ Volts

to heat 1.0 gpm at a temperature rise of ________ °F.

Unit shall be provided with Celcon waterways, and Nichrome heating coils

Hot water storage vessels are expressly prohibited.

OPTIONAL HOUSING FINISH

- PA 765 ABS (P)
- Satin Finish Stainless Steel (SS)
- High Polish Finish Stainless Steel (SSP)

eg. Model SR-30/240 with 30 Amps, 240 Volts, and 49°F Temperature Rise
INSTANT-FLOW® SR - STANDARD FLOW

TECHNICAL DIMENSIONS

INSTANT-FLOW® SR - STANDARD FLOW
Dimensions: 6-1/4" (H) x 9-5/8" x 2-3/4"
Weight: 5 lbs.
Materials: Rugged cast aluminum housing
Ceicon plastic element assembly
with nichrome coils
Housing Color: White
Minimum Operating Flow Rate: 0.65 GPM
SR40/240 Minimum Operating Flow Rate: 1.0 GPM
Minimum Operating Pressure: 25 PSI
Maximum Operating Pressure: 150 PSI
Maximum Operating Temperature: 140°F
Listing: UL, IAPMO, UPC, ADA

GENERAL NOTES:
- 240V models when operated at 220V will have approximately a 16% temperature decrease.
- 120V models when operated 110V will have approximately a 18% temperature decrease.
- Per UL/IAPMO unit may not exceed maximum operating temperature of 140°F

INSTALLATION DIAGRAM

Note: Heater to be installed below the level of all hot water outlets serviced by the heater

3/8" Hot Water Outlet
Compression Fittings (2)
Instant-Flow Heater
J-Box

3/8" Cold Water Faucet Feed

5/8" x 3/8" x 3/8" Three Way Angle Stop Valve
- Mounting Flanges (4)

WIRING CONNECTION

Hot or Neutral
*GND* is earth ground.

Hot or Neutral

Conduit
Refer to local code for wire size

ATTENTION:
Unit must be hard wired.
NOTE: Heaters are single phase.
All tests are measured at the output of the heater.

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City of Industry, CA Chronomite is a Division of Acorn Engineering Company. Please visit www.chronomite.com for most current specifications.
Installation and Assembly:
PRS Projector Mount with Universal Adapter Plate
Models: PRS-UNV, PRS-UNV-S, PRS-UNV-W
Installation to Extension Column / Ceiling Plate

NOTE: Refer to accompanying instructions with ceiling plates (sold separately) for installing these models to ceiling.

Screw projector mount assembly (A) onto extension column as shown in figure 1.1. Tighten swivel stop screw against extension column, flush mount tube or reducer using 4 mm security t-wire as shown in figure 1.2.

NOTE: Swivel stop screw is used to jam against threads of extension column, flush mount tube or reducer to prevent any excess movement of projector mount assembly (A). Do not overtighten screw; overtightening will damage threads making it difficult to separate products.

Skip to step 5.