

ADDENDUM NO. 02

DATE: 05/12/23

PROJECT:

Thomas Jefferson Middle School Kitchen Remodel
Madera, CA 93637
Client Bid No: 031623

OWNER:

Madera Unified School District
1205 South Madera Avenue
Madera, CA 93637

ARCHITECT:

DARDEN ARCHITECTS, INC.
Attention:
6790 N. West Avenue
Fresno, California 93711
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DARDEN PROJECT NO. 2212
DSA File No. 20-30
DSA APPL. NO. 02-120517

It will be the responsibility of the General Contractor to submit the information contained in this addendum to all its subcontractors and suppliers. Acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject Bidder to disqualification.

The following additions, deletions, and revisions to the SHEETS and Project Manual are hereby made and do become a part of these Contract Documents.

INDEX OF ADDENDA TRANSMITTED HEREWITH

PROJECT MANUAL:

SPECIFICATIONS:

CHANGES TO SPECIFICATIONS AD2-SP01

SHEETS:

CHANGES TO SHEETS:

ARCHITECTURAL.....AD2-A01 THRU AD2-A06
MECHANICAL..... AD2-M01
ELECTRICAL AD2-E01 THRU AD2-E02
FOOD SERVICE AD2-FS01 THRU AD2-FS09

ATTACHMENTS:

DOCUMENTS OR SPECIFICATIONS:

114000 FOODSERVICE EQUIPMENT(Pages 1 thru 37)
Division 0 Specification Sections (Pages 1 thru115)

SHEETS:

ARCHITECTURALAD2-AX01 THRU AD1-AX06
MECHANICALAD2-MX01
ELECTRICALAD2-EX01 THRU AD2-EX02
FOOD SERVICEAD2-FSX01 THRU AD2-FSX09

PROJECT MANUAL:

SPECIFICATIONS:

CHANGES TO SPECIFICATIONS:

AD2-SP01 Refer to Specification Section 114000 , FOODSERVICE EQUIPMENT:

1. Refer to specification section 114000 and replace with the attached revised section. Changes are shown in clouded area(s).

AD2-SP02 Refer to Specification Section 087000 , HARDWARE:

1. Refer to Section 3, paragraph 3.8. Add HW group 25 as indicated below:

HARDWARE GROUP NO. 25 EXTERIOR / UNEQUAL PAIR / RECEIVING

6 EA HINGE	5BB1HW 4.5 X 4.5 NRP	630	IVE
2 EA MANUAL FLUSH BOLT	FB458	626	IVE
1 EA DUST PROOF STRIKE	DP1	626	IVE
1 EA VANDL STOREROOM LOCK	ND96TD SPA	626	SCH
1 EA CORE	Coordinate with District		SCH
1 EA SURFACE CLOSER	4040XP EDA	689	LCN
2 EA KICK PLATE	8400 10" X 2" LDW B-CS	630	IVE
1 EA GASKETING	188SBK PSA	BK	ZER
2 EA DOOR SWEEP	39A	A	ZER
1 EA ASTRAGAL	43SP	SP	ZER
1 EA THRESHOLD	PER DETAIL	A	ZER

AD2-SP03 Refer to Attached Division 0 Specification Sections.

1. Add division 0 Front End Sections to specifications

AD2-SP04 Refer to Specification Section 105113, METAL LOCKERS

1. Remove section from project. **No metal lockers in project.**

SHEETS:

CHANGES TO SHEETS:

ARCHITECTURAL:

AD2-A01 Refer to Sheet X/A401, OPENING SCHEDULES, FRAME ELEVATIONS:

1. Refer to X/A401, Door Schedule and revise as shown per the attached AD2-AX01. Changes are shown in clouded area(s). Hardware Group and door type revised for Door 112a.

AD2-A02 Refer to Sheet X/A412, COUNTER DOOR DETAILS and attached detail AD2-AX02:

1. Refer to X/A412, Detail J4 and revise as shown per the attached AD2-AX02. Changes are shown in clouded area(s). Graphics revised to reflect countertop thickness and to match material indicated in food service casework drawings.

AD2-A03 Refer to Sheet X/A501, EXTERIOR DETAILS:

1. Refer to X/A501, Detail A1 and revise as shown per the attached AD2-AX03. Detail revised to reflect plywood soffit condition.

AD2-A04 Refer to Sheet C/A301, ROOF PLAN:

1. Refer to C/A301 and add Detail A1 as shown per the attached AD2-AX04. Changes are shown in clouded area(s). Detail call out added for fascia to be replaced.

AD2-A05 Refer to Sheet C/A501, BUILDING SECTIONS:

1. Refer to J11 - C/A501 and revise as shown per the attached AD2-AX05. Changes are shown in clouded area(s). Detail reference updated

AD2-A06 Refer to the below images for Items to be removed and stored by Owner:

1. 1 large rational combi oven, 1 small rational combi oven , one ice maker, and one SS Mobile work table identified. Item disconnect removal, and disposal not to be included in bid. Items will be removed before start of construction:







AD2-A07 Refer to Sheet SD/A102

1. Replace sheet SD/A102 with attached exhibit AD2-AX06. Shade structure removal and patch back clarified.

MECHANICAL:

AD2-M01 Refer to Sheet M/C301, HVAC ROOF DEMOLITION PLAN & NEW HVAC ROOF PLAN:

1. Refer to X/M101 and revise as shown per the attached AD2-MX01. Changes are shown in clouded area(s). EF-1A, EF-1B Model No. and associated information revised.

ELECTRICAL:

AD2-E01 Refer to Sheet X/E104, POWER SYSTEMS – PANEL SCHEDULES:

1. Refer to X/E104 and revise as shown per the attached AD2-EX01. Changes are shown in clouded area(s). Panel "CC" revised.

AD2-E02 Refer to Sheet C/E101, ENLARGED LIGHTING PLAN:

1. Refer to C/E101 and revise as shown per the attached AD2-EX02. Changes are shown in clouded area(s). Plan revised.

FOOD SERVICE:

AD2-FS01 Refer to Sheet FS1.1, FOODSERVICE EQUIPMENT:

1. Refer to FS1.1 and revise as shown per the attached AD2-FSX01. Changes are shown in clouded area(s). Equipment tags and Elevation tags revised.

- AD2-FS02 Refer to Sheet FS1.2, FOODSERVICE EQUIPMENT SCHEDULE:**
1. Refer to FS1.2 and revise as shown per the attached AD2-FSX02. Changes are shown in clouded area(s). Various items on Equipment Schedule revised.
 - 2.
- AD2-FS03 Refer to Sheet FS2.1, FOODSERVICE EQUIPMENT PLUMBING PLAN:**
1. Refer to FS2.1 and revise as shown per the attached AD2-FSX03. Changes are shown in clouded area(s). Plumbing schedule revised.
- AD2-FS04 Refer to Sheet FS3.1, FOODSERVICE EQUIPMENT ELECTRICAL PLAN:**
1. Refer to FS3.1 and revise as shown per the attached AD2-FSX04. Changes are shown in clouded area(s). Electrical tags revised on plan.
- AD2-FS05 Refer to Sheet FS3.2, FOODSERVICE EQUIPMENT ELECTRICAL SCHEDULE:**
1. Refer to FS3.2 and revise as shown per the attached AD2-FSX05. Changes are shown in clouded area(s). Electrical schedule revised.
- AD2-FS06 Refer to Sheet FS4.1, FOODSERVICE EQUIPMENT MECHANICAL PLAN:**
1. Refer to FS4.1 and revise as shown per the attached AD2-FSX06. Changes are shown in clouded area(s). Wall Backing Schedule revised.
- AD2-FS07 Refer to Sheet FS9.1, FOODSERVICE EQUIPMENT ELEVATIONS:**
1. Refer to FS9.1 and revise as shown per the attached AD2-FSX07. Changes are shown in clouded area(s). Elevation E and Elevation F added.
- AD2-FS08 Refer to Sheet FS9.1, FOODSERVICE EQUIPMENT ELEVATIONS:**
1. Refer to FS9.4 and revise as shown per the attached AD2-FSX08. Changes are shown in clouded area(s). Notes and Equipment Schedule revised.
- AD2-FS09 Add Pre-Bid RFI responses:**
1. Add Pre-Bid RFI responses as shown per AD2-FSX09. Responses are highlighted in green.

END OF ADDENDUM NO. 2

SECTION 11 40 00- FOODSERVICE EQUIPMENT

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. This section includes of furnishing all labor and material required to provide and deliver all food service equipment herein specified into the building, uncrate, assemble, set-in-place, level and completely install, exclusive of final utility connections.
- B. Furnish all material and labor required to completely provide, deliver, and install all Food Service Equipment as specified herein and as shown on the drawings. This work shall be in strict accordance with the plans and specifications with all dimensions verified in the field prior to any fabrication.
 - 1. Coordinate the Food Service Equipment work with the respective trades performing preparatory work for the installation of the Food Service Equipment.
 - 2. Comply with all Federal, State and Municipal regulations which bear on the execution of this project. Food service aisles shall be a minimum of 36” wide and tray slides shall be mounted at 34” maximum above the finished floor. Food service equipment required to be accessible shall conform to all reach requirements in CDC 1104B-5, 1104B-6 and figures 11B-16 and 11B-17.
- C. Work Includes:
 - 1. Materials shown on the Food Service Equipment Schedule.
 - 2. Piping, valves, and plumbing accessories that is integral within the equipment.
 - 3. Furnishing control devices such as solenoid valves that are not integral with the equipment, for installation by Mechanical division 15 and/or Electrical Division 16.
 - 4. Wiring, wiring devices, controls and mechanical accessories that are integral in the equipment.
 - 5. Ventilating ducts, flues, controls, and mechanical accessories that are integral in the equipment.
 - 6. Anchors, fasteners, fillers, and sealants for mounting equipment securely in place.
 - 7. Cooperation with all other contractors on the job including the furnishing of information in the form of drawings, wiring diagrams and other data.
 - 8. Touch-up painting after the installation of the food service equipment.

- D. Related Sections include the following:

1. Division 15 Mechanical
2. Division 16 Electrical

1.3 QUALITY ASSURANCE

A. QUALIFICATIONS:

1. Installer: Regularly engaged in providing food service equipment from manufacturers of this type of equipment a minimum of 5 years with at least 5 installations of this size and type that are at least each 3 years old.

B. STANDARD OF MANUFACTURE

1. Food service equipment that is specified as "custom" having no manufacture name or model number shall be manufactured by a Food Service Equipment Fabricator with at least five (5) years' experience with engineering, design, and fabrication of food service equipment. The manufacture shall be subject to the review of the Architect and/or Consultant and shall be approved by the National Sanitation Foundation. All Fabricated equipment shall be constructed in strict compliance with the latest standards of the National Sanitation Foundation and shall bear the mark of the National Sanitation Foundation in full compliance with all applicable codes and ordinances.
2. All electrically heated or operated equipment shall bear the seal of approval of the Underwriters Laboratories and shall comply with the National Electrical Code and all local Codes and Ordinances.
3. All food service equipment that is specified as "buy-out" having a specific manufacture name and model number shall comply with the latest editions of the National Sanitation Foundation.
4. All Gas heated, or operated equipment shall be the seal of approval of the American Gas Association (AGA)
5. All Steam heated, or operated equipment shall conform to the standard of the American Society of Mechanical Engineers (ASME) and shall be ASME approved.
6. Food shields and Sneeze guards shall meet all the requirements of National Sanitation Foundation (NSF) Standard 2.

1.4 SUBMITTALS

- A. See Section 01300 - Administrative Requirements, for submittal procedures.

B. SHOP DRAWINGS / EQUIPMENT BROCHURES

1. No ordering or fabrication of equipment shall take place until such time as the equipment brochures and shop drawings have been reviewed in writing by the Architect and/or Consultant. Receipt of this review shall not relieve the Contractor from the responsibility of verifying all quantities and related dimensions, maintaining the specified quality of equipment, and verifying conditions of the job site.

2. Equipment Brochures; within twenty (20) calendar days after award of the contract, six (6) brochures containing manufacturers specification sheets, dimensioned drawings and/or other pertinent data describing all items of standard manufacture shall be submitted for review by the Architect and/or Consultant. Sheets with the notation "Fabricated Item" and name of the fabricated item, as well as any required mechanical, plumbing or electrical requirements shall be inserted between the manufacturer's specification sheets describing the "buy-out" equipment; thus, giving a complete brochure with all times accounted for. These brochures shall have hard white covers with clear transparent overlays and locking rings. The name of the Contractor, Architect, Consultant, and project clearly identified in large readable type. Failure to provide brochures in the manner as described above will be cause for rejection of said brochures.
3. Rough-in and Equipment Location Drawings; within thirty (20) calendar days after award of the contract, six (6) sets of bond prints of complete rough-in and details for electrical and plumbing services with both vertical and horizontal dimensions, from column centerlines or exterior walls for location said connection points and rough-in locations shall be submitted for review by the Architect and/or Consultant. Equipment location plans shall be drawn to scale of not less than 1/4" = 1'-0" and include a schedule of equipment clearly identifying all items. Minimum drawings size shall be 24"x 36".
4. Shop Drawings; within thirty (30) calendar days after award of the contract, six (6) sets of bond prints of shop fabrication drawings shall be submitted for review by the Architect and/or Consultant. Plans shall be drawn to scale of not less than 1/2"=1'-0". Additional plan views, elevations, and sections at 3/4"=1'-0" shall be supplied of all counters and tables with complete dimensions. All shop practices regarding joints, gussets, bracing, tie-downs, supports, etc. shall be clearly defined as well as gauges and quality of metals and brands and model numbers of all miscellaneous fittings, plumbing and electrical trim. The drawings shall also show locations of blocking (supplied under another sections) for all wall and ceiling mounted Food Service Equipment. Minimum drawings size shall be 24"x36".

C. SAMPLES

1. Provide all samples if specification requested.

D. SUBSTITUTIONS:

1. Manufacturer's listed in this section are used as standards for quality. All Substitutions shall be approved by the Architect and/or Consultant prior to installation.
2. Refer to Division 1 - General Requirements for procedures governing substitutions
3. Only one substitution for each item will be considered.
4. Installation of any qualified substituted equipment is the Food Service Equipment Contractor's responsibility. Including any mechanical, electrical, structural changes required for the installation of qualified substitution shall be without additional cost to the Owner.

1.5 DISCREPANCIES:

- A. In the event of discrepancies within the Contract Documents, the Architect and/or Consultant shall be so notified in sufficient time prior to bid opening, ten (10) days to allow issuance of an addendum.

- B. In the event that time does not permit notification or clarification of discrepancies prior to the bid opening, following shall apply: The drawings and drawing schedules shall govern in matters of quantity; the specifications in matter of quality. In the event of conflict within drawings involving quantities, or within the specifications involving quality, the greater quantity and high quality shall apply. Such discrepancies shall be noted and clarified in the contractors bid. No additional allowances will be made because of errors, ambiguities, or omissions which reasonable should have been discovered during the preparation of the bid.

1.6 RESPONSIBILITY:

- A. The work as specified in this division shall include assuring that all required submittals conform to the intent and meaning of the documents, conditions at the job site, and all local codes and ordinances.
- B. Visit the job site to field check actual wall dimensions and utility rough-ins. Be responsible for furnishing, fabricating, and installing the equipment in accordance with the available space and utility services as they exist on the job site.
- C. Check all door openings, passageways, elevators, etc., to verify that the equipment can be transported to its proper location within the building. If necessary, check the possibility with the General Contractor of holding wall erection, placement of doorjamb, window, etc. for the purpose of moving equipment to its proper location.
- D. Notify the Architect and/or Consultant of any discrepancies between the plans and specification prior to fabrication of any equipment, to actual condition on the job.
- E. If any special hoisting equipment and operators are required, include cost as part of the bid for this work.

1.7 DELIVERY AND STORAGE

- A. All equipment specified herein shall be delivered to the job site; received and handled by the Contractor or his authorized agent. The Owner shall in no way be expected to store or handle any such equipment.
- B. All equipment shall be delivered in such a manner as to protect it against dirt, water, chemical or mechanical injury.
- C. Throughout the progress of the work, the Contractor shall keep the working area free of debris of all types resulting from his work.
- D. All packing material shall be removed from the project location by the Contractor.

1.8 COORDINATION

- A. Coordinate work with mechanical, electrical, plumbing, interiors, and other trades whose work is in conjunction with equipment specified herein.

1.9 MEASUREMENTS

- A. Verify all dimensions shown on the drawings by taking field measurements at the job site prior to fabrication of equipment or ordering equipment. Proper fit and attachment of all parts is required and is

the sole responsibility of the Food Service Contractor. If necessary, all equipment shall be fabricated so that it may be handled through finished door openings.

1.10 GUARANTEE / WARRANTY

- A. All work shall be guaranteed by the Foodservice Equipment Contractor against all defects for a term of one (1) year from the date of notice of completion. This guarantee shall cover replacement of defective material at the Foodservice Equipment Contractor expense, including transportation and labor. This guarantee will not cover any cost for replacement of parts or work made necessary by carelessness or misuse of the equipment by others.
- B. The Food Service Equipment Contractor shall provide at his own expense the installation, start-up and service for one (1) year from the date of recording the notice of completion of the project; the replacement of all condensing units and other refrigeration devices supplied under this contract. In addition to this one (1) year free service, the condensing units shall have a five (5) year compressor warranty; said warranty commencing at the date of completion.

PART 2 PRODUCTS

2.1 MATERIALS

- A. Metal for construction purposes, where entirely concealed, shall be steel of wrought iron sections galvanized by the hot-drip process after fabrication. Bolts, screws, rivets, and similar attachments to this galvanized work shall be galvanized or brass. Exposed screw and rivet work shall be finished to match adjacent surfaces, flush and buffed smooth. Finished work shall be free of tool or construction marks, dents, or other imperfections; and at the completion of the work, all metal shall be gone over with a portable machine and buffed and dressed to perfect surfaces.
- B. All materials shall be new and of first grade. All gauges specified herein shall be minimum and shall be minimum and shall be established after polishing. They shall refer to:
 - 1. U.S. Standard Gauge for sheets and plates.
 - 2. Stainless steel shall be manufactured by one of the following: Allegheny Ludlum Steel Corporation, American Rolling Mills, U.S. Steel Corporation.
- C. The Contractor will be required to furnish a certified copy of the mill analysis of materials to the Architect and/or Consultant.
- D. Stainless steel sheets shall conform to ASTM A240, Type 304 Condition A, 18-8 having a No. 4 finish. No.2B finish shall be acceptable on surfaces of equipment not exposed to view. All sheets shall be uniform throughout in color, finish and appearance.
- E. Stainless steel tubing and pipe shall be Type 304, 18-8, having a No. 4 finish, and shall conform to either ASTM A213 if seamless or ASTM A249 if welded.
- F. Galvanized steel shall be approved grade of copper-bearing steel sheets with a minimum copper content of 20%. All sheets to be commercial quality, stretcher leveled, bonderized and re-rolled to insure smooth surface. Galvanized steel shall not be allowed in the construction and fabrication of any "Fabricated Assembly" items.

- G. All millwork materials shall be free from defect impairing strength, durability, or appearance; straight and free from warpage; and the best grade for their particular function. All wood shall be well seasoned and kiln dried and shall have an average moisture content of 8%, a maximum of 10%, and a minimum of 5%.
- H. Plywood and other woodwork of treatable species, where required by code, shall be fire-retardant treated to result in a flame spread rating of 25 or less with no evidence of significant progressive combustion when tested for 30 minutes duration under ASTM E-84 and shall bear the testing laboratory mark on the surface to be concealed.
- I. Concealed softwood or hardwood lumber shall be of poplar, Douglas fir, basswood, red oak, birch, maple, beech or other stable wood and shall be select or better grade, unselected for color and grain, surfaced four sides, square-edged, and straight. Basswood may be used where fire-retardant treated materials are required.
- J. Face veneers shall be matched for color and grain to produce balance and continuity of character. Mineral streaks and other discolorations, wormholes, ruptured grain, loose texture, doze or shake will not be permitted. Face veneer leaves on each surface shall be full-length, book matched, center matched, and sequence matched. Surfaces shall be sequenced, and blueprint matched. Veneers not otherwise indicated shall be plain sliced. Backing veneers for concealed surfaces shall be of a species and thickness to balance the pull of the face veneers.
- K. Hardwood plywood for painted surfaces shall conform to U.S. Product Standard PS -51-71, Type I, and shall have sound birch, maple or other approved close grain hardwood faces suitable for paint finish.
- L. Plastic laminate surfaces shall be laminated with thermosetting decorative sheets in the color, pattern and style as selected by the Architect. Horizontal surfaces shall be laminated with sheets conforming to Federal Specifications L-P-508F, Style D, Type I (general purpose), Grade HP, Class I, 1/16" thick, satin finish with rough sanded backs. Vertical surfaces shall be laminated with sheets conforming to Federal Specification L-P-598F, Style D, Type II (vertical surface), Grade HP, Class I, conforming, satin finish, 1/32" thick or heavier. Balance sheets for backs in concealed locations shall be .020" thick laminate backing sheets conforming to Federal Specification L-P-00508E, Style ND, Type V (backing sheet), Grade HP.
- M. Adhesive for application of plastic laminate to wood surfaces of counter tops shall be phenolic, resorcinol or melamine adhesive conforming to Federal Specification MMM-A-181C and producing a waterproof bond. Adhesive for applying plastic laminate to vertical surfaces shall be either a waterproof type or a water-resistant type such as a modified urea formaldehyde resin liquid glue conforming to Federal Specification MMM-A-188C. Contact adhesive will not be acceptable.
- N. Plate glass shall be 1/2" thick safety glass with polished edges.
- O. Sealant shall be equal to that manufactured by General Electric. Silicone construction 1200 sealant; in either clear or approved color to match surrounding surfaces.
- P. Sound deadening material shall be equal to that manufactured by H.W. Mortell Co., Kankakee, Illinois, and shall be sprayed by use of a mechanical device to a thickness of not less than 1/8" thick.

2.2 FINISHES

- A. Paint and coatings shall be of an NSF approved type suitable for use in conjunction with food service equipment. Such paint or coating shall be durable, non-toxic, non-dusting, non-flaking and mildew resistant, shall comply with all governing regulations and shall be applied in accordance with the recommendations of the manufacturer.
- B. All exterior, galvanized parts, exposed members of framework where specified to be painted shall be cleaned, properly primed with rust inhibiting primer, degreased, and finished with two (2) coats of epoxy-based grey hammertone paint, unless otherwise specified.
- C. Stainless steel, where exposed, shall be polished to a #4 commercial finish. Where unexposed, finish shall be #2B. The grain of polishing shall run in the same direction wherever possible. Where surfaces are disturbed by the fabricating process, such surfaces shall be refinished to match adjacent undisturbed surfaces.

2.3 SHOP FABRICATED EQUIPMENT CONSTRUCTION

- A. Leg stands for open base tables or dish tables shall be constructed of 1-5/8" dia. 16-gauge stainless steel tubing, with stringer and cross braces of the same material. Joints between legs and cross braces shall be welded and ground smooth. Flattened ends on tube stretchers are not permitted. Mechanical fittings are also not permitted.
 - 1. Stainless Steel Leg Sockets: Component Hardware Group, Inc. model A18-0206, or accepted equal; weld to underside of countertop framing or at bottom of enclosed cabinet unit and fastened with flush set screw locking device.
 - 2. Sanitary Type Stainless Adjustable Foot: Component Hardware Group, Inc. model A10-0851, or accepted equal
- B. Tabletops shall be 14-gauge stainless steel unless otherwise noted, with all shop seams and corners welded, ground smooth and polished. Tops of closed base fixtures shall be reinforced on the underside with a framework of 1-1/2" angles or 16-gauge stainless steel hat section; and on open pipe frames with a 4" channel at each pair of legs. The leg sockets shall be welded to this channel. The channel in turn stud welded to the top. Tops shall be reinforced so that there will be any noticeable deflection. Unless otherwise shown on the detail drawings, metal tops shall be turned down 2", and back at 15-degree angle, with 1-1/8" turn-under, except where adjacent to walls or other pieces of equipment. The wall side shall be turned up 10" and back 2" at a 45-degree angle. Ends of this splash are to be closed. Free corner of tops shall be spherical. All tops shall have 1/8" of sound-deadening material applied to the underside by use of spray equipment in an oven, smooth application for ease in cleaning.
- C. Enclosed bases or cabinet bodies shall be of the material and gauge hereinafter specified. They shall be enclosed on the ends and sides as required. The bases shall be reinforced at the top with a framework of 1-1/2" x 1-1/2" x 1/8" stainless steel angles fully welded to the base with the stainless-steel angles 36" on center (maximum), with all corners of said framework mitered and fully welded. All vertical joints of the bases shall be fully welded, ground and polished. All free corners of enclosed bases or cabinet bodies and all corners against walls and other fixtures shall be square. In the case of fixtures fitting against or between walls, the bodies shall be set in 1" from the wall line, but the tops shall be extended back to the wall line to permit adjustment to wall irregularities. A flush fitting vertical trim strip (extension of the vertical end mullion without vertical seam of the same material as the body shall be provided at each end of the body and shall extend 1" to the wall line). These fixtures shall be constructed to set on bases or legs as hereinafter specified and shall be set in mastic in a vermin-proof manner.

- D. Shelves, mullions, and aprons shall be fabricated flush with the cabinet body, welded, ground, and polished. Butt joints are not acceptable.
- E. Drawers, to be furnished with stainless steel flush pull, Component Hardware Group Inc., model number P63-1012 or equal installed into the 18-gauge double-pan drawer front panel.
1. Stainless steel locks, Component Hardware Group, Inc., model number P30-4781 or equal for each drawer. All drawers are to be keyed alike.
 2. Stainless Steel full extension slides, Component Hardware Group, Inc., model no S52-0024 or equal. Provide two (2) per drawer. Slides to be installed so drawer will roll closed when released.
 3. Stainless steel removable drawer pan, Component Hardware Group, Inc., model number, S81-1520 or equal one (1) per drawer set loosely in a channel frame so it can be easily lifted out for cleaning. This supporting frame shall be welded stainless steel channel.
 4. Drawer face panel to be constructed of 18-gauge stainless steel double pan construction. (Single metal thickness drawer faces are not expectable.)
- F. Hinged doors in base cabinets shall be of double pan construction, insulated and constructed of 18-gauge stainless steel. Doors shall have wire type pull Component Hardware Group Inc., model number P46-1010 or equal installed as shown in elevations. Door pulls to be NSF and ADA compliant.
- G. Interior shelves shall be solid, non-removable 16-gauge stainless steel, with ends and backs provided with a 1-1/2" high turn-up against the body of the fixture and welded to the same. Front edge is to be turned down 1-1/2" and under 1/2", at the bottom shelf, beyond the edge of the base to prevent sagging and vermin collection.
- H. Under shelves on open tables shall be constructed of 16-gauge stainless steel, flanged down 90 degrees 1/2". The corners shall be welded to the legs. Under shelves shall be 10" from the floor. Backs shall be turned up 2".
- I. Elevated shelves shall be constructed of 16 gauges stainless steel with edges turned down in a square edge, and back 1/8"; except where shelves are adjacent to walls or other fixtures, where they shall be turned up 2". Corners shall be spherical, mounted on 14-gauge stainless steel support brackets.
- J. Sinks and drain boards shall be constructed of 14-gauge stainless steel. The working edge of the sink shall be provided with 5/8" radius sanitary rolled edge in one piece with rounded corners. The drain boards shall be made as an integral part of the sink; all vertical and horizontal corners shall be rounded with 5/8" radius; and the working front edges shall be maintained at one level, taking up the pitch of the drain boards by dropping the sink to allow for same. Depth of sink bowl shall be determined from the top bowl. Sinks shall be provided with back and end splashes with top edge flanged back 2-1/4" at 45-degree angle and attached to the building wall with "zee" clips. Splash back of sinks and drain boards shall be grained in the same direction. Suitable openings shall be cut for hot and cold-water supplies and waste outlets. All surface plumbing trim as called for on the drawings and herein specified shall be provided. Bottom of each sink bowl with center drain connection shall be fitted with a 2" lever type action waste valve mounted into the sink and made watertight. Sink bowls and drain boards shall have 1/8" of sound-deadening material underneath, spray-applied.

- K. Rivets, bolts, and screws shall not be permitted in any exposed location.
- L. All welding shall be of the heliarc method with welding rod of the same composition as the parts welded. Welds shall be complete, strong, and ductile with excess metal ground off and joints finished smooth to match adjoining surfaces. Welds shall be free of mechanical imperfections and shall be continuously welded so that the fixture shall appear as one-piece construction. Butt welds made by spot solder and finished by grinding are not acceptable.
- M. All exposed joints shall be ground flush with adjoining material and finished to harmonize therein. Whenever material has been sunk or depressed by welding operation, such depressions shall be suitably hammered and peened flush with the adjoining surface and, if necessary, again ground to eliminate low spots. In all cases, the grain of rough grinding shall be removed by successive fine polishing operations.
- N. All exposed welded joints in stainless steel construction shall be suitably coated with an approved metallic-based paint.
- O. After galvanized steel members have been welded, all welds and areas where galvanizing has been damaged shall have a zinc dust coating applied.
- P. Seams shall be continuous welds flush and ground smooth.
 - 1. Field Joints: Flush welded, ground smooth and polished on the job, solder or rivets not allowed.
 - 2. Counter Tops: Field joints in stainless steel counter tops and drain boards butt welded with welds ground flush and smooth and polished to match original finish.
 - 3. Pass windows: Provide a complete all welded seamless counter from inside area to the outside ledge at each pass window location. Mechanical joints, butt joints or lap joints will not be accepted.

2.4 ELECTRICAL REQUIREMENTS

- A. Standard UL listed materials, devices and components shall be selected and installed in accordance with NEMA Standards and recommendations and as required for safe and efficient use and operation of the Food Service Equipment without objectionable noise, vibration, and sanitation problems.
- B. Motors up to and including $\frac{1}{2}$ HP are to be wired for 120-volt, single phase. Fixtures totaling more than 1000 watts are to be wired for 208-volt, single phase. Fixtures having multiple number of heating elements, can be wired for three phase with the load balanced as equally as possible within the fixture.
- C. Heating elements having a connected load of up to and including 1000 watts are to be wired for 120-volt, single phase. Fixtures totaling more then 1000 watts are to be wired for 208-volt, single phase. Fixtures having multiple number of heating elements can be wired for three phase with the load balanced as equally as possible within the fixture.
- D. Equipment where applicable shall be furnished with three-wire cord and plug.

2.5 PLUMBING TRIM, SINKS

- A. All vegetable and pot washing sinks or other 14" deep sinks shall have Fisher Mfg. Co. Model 22209 series (2" drain size) quick opening drain. Fisher Mfg. Co. Model 60100 splash mounted faucet shall be mounted over each partition as shown on the drawings.
- B. All cook sinks, pantry sinks or other 10" or 12" deep sinks shall have Fisher Mfg. Co. Model 22209 series (2" drain size or as shown on the drawings) quick opening drain. Fisher Mfg Co. Model 57649 faucets mounted as shown on the drawings.
- C. All Fisher Mfg., Co. faucets to be furnished as stainless steel to comply with AD1953 Standards and conform to NSF 61 Standard 9.
- D. Provide gas pressure regulators for installation by the Plumbing Contractor.
- E. FIRE SUPPRESSION GAS SHUT/OFF VALVE: Gas valve to be furnished by the Foodservice Equipment Contractor and furnished to the Plumbing Contractor for installation. Foodservice Equipment Contractor is to verify with plumbing division for gas line size. Valve to be located in an accessible location and if necessary, with access panel.

2.6 HARDWARE

- A. Elevated shelf brackets shall be as shown on the Drawings.
- B. Drawer and door handles shall be as shown on the Drawings.
- C. Hinges for all metal doors shall be Klein Hardware Co. 7870 series, finished in satin chrome.

PART 3 INSTALLATION

3.1 POSITIONING OF EQUIPMENT

- A. Installation procedure, details and scheduling shall be so arranged that the work of other contractors may progress without unnecessary delay, interference, or damage.
- B. The Contractor shall do all fitting, joining, fastening, scribing, caulking, and adjusting necessary to install any fixed item of equipment in its designated location; and shall locate and/or store portable, non-fixed items as directed by the Architect and/or Consultant with due regard for the security and protection from damage of the items involved.

3.2 WORKMANSHIP

- A. Commencement of work shall constitute agreement with and acceptance of all conditions as found.
- B. Equipment shall be installed as shown on the plans. Where abutting, curved or irregularly shaped angles or projecting corners of walls occur, equipment shall be made to conform. Where several pieces of equipment are to be assembled in a group, the group shall be complete as whole, with all necessary filler or connecting pieces as may be required to make a complete, sanitary, and vermin-proof group.
- C. Welded parts shall be non-porous and free of imperfections. Welds on galvanized metal shall be ground smooth, sandblasted, and sprayed with molten zinc or 1200 degrees F to a thickness of .004". Tinning of

welds will not be acceptable. Welds of stainless steel shall be ground and polished to the original finish and all grained in the same direction.

- D. All fixtures, unless made of stainless steel, shall be finished in sprayed lacquer in color as chosen by the architect; or if specifically stated, in “plastic laminate”; in pattern and/or color as selected by the Architect.

3.3 POST INSTALLATION PROCEDURES

- A. Prior to being offered for final acceptance, all equipment shall be thoroughly cleaned. This shall include removal of all stains, paint spots, protective wrapping and coatings, tapes, grease, oil, plaster, dust, polishing compounds, etc. and cleaning of floors in food service areas (broom clean) and signed off by the General Contractor with a copy to the Architect and/or Consultant.
- B. After installation at least ten (10) days prior to offering for acceptance, all equipment shall undergo a "Start-up" procedure by a Factory Authorized service dealer. Equipment is to be inspected, tested, calibrated, and adjusted for normal operation conditions. If inspection or testing indicated defects, such defects shall be corrected and the inspection and test repeated to insure a perfect operation of all equipment, prior to final acceptance and for a period ninety days after final acceptance.
- C. Upon completion of the project, the Contractor shall furnish the Owner two (2) sets of dimensional prints, data sheets, spare parts lists and operating manuals for each piece of mechanical equipment; each set shall be neatly bound in a loose-leaf binder, each set shall be complete with and index of equipment and with a complete list of service contracts with said agencies to perform these services. In addition to this list. The contractor shall submit for review of the Architect and/or Contractor and submittal to the Owner for his files, copies of service contracts with said agencies to perform these services. It shall be the responsibility of this contractor to fill out forward and all warranty forms as required.
- D. This contractor shall arrange demonstrations of the operation and maintenance of all buy-out” equipment by competent instructors. These demonstrations to take place within ten (10) days prior to the acceptance of the kitchen. All instruction periods shall be scheduled with the Architect and/or Consultant fourteen (14) days prior to commencement of same, and at times convenient to the Architect and/or consultant and Owner.

PART 4 ITIMIZED EQUIPMENT SCHEDULE

4.1 FOOD SERVICE EQUIPMENT LIST AND DESCRIPTION

- A. Fabricated Equipment: Wherever the term “Fabricated Assembly” is used within the list noted below and description of Food Service Equipment, it shall be presumed to be followed by the phrase, “constructed to the configuration, dimension, detail and design as shown on the drawings and specifications and with workmanship and materials as specified above” and shall meet the fabrication detail requirements of the latest edition of the Sheet Metal and Air Conditioning Contractors National Association (SMACNA), and National Sanitation Foundation (NSF Standard 2).
- B. All food service equipment shall be installed per the “Guidelines for Seismic Restraints of Kitchen Equipment” by the Sheet Metal and Air Conditioning Contractors National Association (SMACNA).

- C. All food service equipment shall comply with the standards of The California Administration Code, Title 24, Part No. 2.
- D. All food service equipment shall comply with the current California Energy Commission Appliance Efficiency Regulations.
- E. Equipment in the following schedule is listed by Item Numbers shown on Drawings.
- F. OFCI- Owner Furnished Equipment / Contractor to install
 OFOI- Owner Furnished Equipment / Owner to install
 CFCI- Contractor Furnished Equipment / Contractor to install

4.2 SCHEDULED ITEMS:

ITEM #1 AIR CURTAIN

Quantity: One (1)
 Manufacturer: Berner (or equal)
 Model: SLC07-1048A-BK
 Stat: CFCI

Sanitation Series Low Profile Air Curtain, 48"L, unheated, (1) 1/5 hp motor, for doors up to 7' high, aluminized steel cabinet, baked-on electrostatic black powdered coated aluminum steel cabinet, interior or exterior mounting, UL, cULus, UL EPH, MADE IN USA

Accessories:

- 1 ea. Five-year parts warranty (unheated units)
- 1 ea. Model 9503SD020-P Automatic Door Switch, plunger type, activates air door when door opens, single phase only & max. amp draw of 20 amps, 120-240V
- 1 ea. Black powder coat exterior finish standard

ITEM #2 AIR CURTAIN

Quantity: Five (5)
 Manufacturer: Berner (or equal)
 Model: SLC07-1036A-BK
 Stat: CFCI

Sanitation Series Low Profile Air Curtain, 36"L, unheated, (1) 1/5 hp motor, for doors up to 7' high, aluminized steel cabinet, baked-on electrostatic black powdered coated aluminum steel cabinet, interior or exterior mounting, UL, cULus, UL EPH, MADE IN USA

Accessories:

- 5 ea. Five year parts warranty (unheated units)
- 5 ea. Model 9503SD020-P Automatic Door Switch, plunger type, activates air door when door opens, single phase only & max. amp draw of 20 amps, 120-240V
- 5 ea. Black powder coat exterior finish standard

ITEM #3.1 SHELVING UNIT, PLASTIC WITH POLY EXTERIOR STEEL POSTS

Quantity: Six (6)

Manufacturer: Cambro (or equal)

Model: CPU244864VS4480

Stat: CFCI

Premium Starter Unit, 24"W x 48"L x 64"H, 4-tier, withstands temperature -36°F (-38°C) to 190°F (88°C), includes: (3) vented and (1) solid polypropylene shelf plates with Camguard™ antimicrobial protection, (2) pre-assembled post kits (posts constructed of steel with polypropylene exterior), (8) traverses & molded-in dovetails, 800 lbs. capacity per shelf /2,000 lbs. max capacity, speckled gray, NSF. Shelving to be 4-tier units with the bottom shelf at a minimum of 12" above finished floor. Provide post clamps to adjacent shelving unit two at front and two at back. Provide wall mounting angle brackets at top of shelving as shown.

Accessories:

- 24 ea. Model CSFF Camshelving® Accessory, 6-1/2" x 1-1/2" x 3-1/2", Seismic Foot, includes: (1) stainless steel floor bracket & (1) stainless steel leveling foot, to bolt a post to the floor, silver
- 24 ea. Model CSWF Wall Fastener, silver

ITEM #3.2 DUNNAGE RACK

Quantity: One (1)

Manufacturer: Cambro (or equal)

Model: DRS480480

Stat: CFCI

S-Series Dunnage Rack, slotted top, 3000 lb. load capacity, 21"D x 48"W x 12"H, polypropylene, one-piece, seamless double wall construction, includes (1) Camlink®, 4" square legs, speckled gray, NSF

ITEM #3.3 SHELVING UNIT, PLASTIC WITH POLY EXTERIOR STEEL POSTS

Quantity: Three (3)

Manufacturer: Cambro (or equal)

Model: CPU244264V5480

Stat: CFCI

Camshelving® Premium Starter Unit, 24"W x 42"L x 64"H, 5-tier, withstands temperature -36°F (-38°C) to 190°F (88°C), includes: (5) vented polypropylene shelf plates with Camguard™ antimicrobial protection, (2) pre-assembled post kits (posts constructed of steel with polypropylene exterior), (10) traverses & molded-in dovetails, 800 lbs. capacity per shelf /2,000 lbs. max capacity, speckled gray, NSF. Shelving to be 4-tier units with the bottom shelf at a minimum of 12" above finished floor. Provide post clamps to adjacent shelving unit two at front and two at back. Provide wall mounting angle brackets at top of shelving as shown.

Accessories:

- 12 ea. Model CSFF Camshelving® Accessory, 6-1/2" x 1-1/2" x 3-1/2", Seismic Foot, includes: (1) stainless steel floor bracket & (1) stainless steel leveling foot, to bolt a post to the floor, silver
- 12 ea. Model CSWF Wall Fastener, silver

ITEM #3.4 SHELVING UNIT, PLASTIC WITH POLY EXTERIOR STEEL POSTS

Quantity: Two (2)

Manufacturer: Cambro (or equal)

Model: CPU246064VS4480

Stat: CFCI

Camshelving® Premium Starter Unit, 24"W x 60"L x 64"H, 4-tier, withstands temperature -36°F (-38°C) to 190°F (88°C), includes: (3) vented and (1) solid polypropylene shelf plates with Camguard™ antimicrobial protection, (2) pre-assembled post kits (posts constructed of steel with polypropylene exterior), (8) traverses & molded-in dovetails, 800 lbs. capacity per shelf /2,000 lbs. max capacity, speckled gray, NSF. Shelving to be 4-tier units with the bottom shelf at a minimum of 12" above finished floor. Provide post clamps to adjacent shelving unit two at front and two at back. Provide wall mounting angle brackets at top of shelving as shown.

Accessories:

- 8 ea. Model CSFF Camshelving® Accessory, 6-1/2" x 1-1/2" x 3-1/2", Seismic Foot, includes: (1) stainless steel floor bracket & (1) stainless steel leveling foot, to bolt a post to the floor, silver
- 8 ea. Model CSWF Wall Fastener, silver

ITEM #4 HAND SINK

Quantity: Two (2)

Manufacturer: Eagle Group (or equal)

Model: HSAP-14-ADA-FW

Stat: CFCI

Hand Sink, wall mount, 14" wide x 16" front-to-back x 5" deep bowl, 16/304 stainless steel construction, splash mount gooseneck faucet with wrist handles & mixer valve, marine edge on front & sides, 1/2" NPS water inlet, chrome-plated P-trap, wrist handles, soap dispenser, basket drain, skirt assembly & paper towel dispenser, PHYSICALLY CHALLENGED, NSF

Accessories:

- 2 ea. Model 313305 T&S Extra Heavy Duty Gooseneck Faucet, wrist handles, splash mount 4" OC, NSF
- 2 ea. Model -LRS Left & right side splashes

ITEM #5 FOOD PACKAGING MACHINE

Quantity: One (1)

Manufacturer: Henkelman Inc (or equal)

Model: BOXER 52II COMBIVAC

Stat: CFCI

Vacuum Packaging Machine, countertop, 20-1/2"W x 16"D x 7"H chamber, (2) removable 16"W double wire seal bars (left and right), CombiVac sensor controls with (20) program presets & pump maintenance cycle, 889 cf/h (25 m³/h) capacity Busch vacuum pump, automatic transparent lid, USB port, includes filler plates, stainless steel construction, 1.34 HP, 110-120v/60/1-ph, 16.0 amps, NEMA 5-20P, 6ft. cord, ETL-Sanitation, cETLus, CE

Accessories:

- 1 ea. 1 year labor & 3 year parts warranty, standard
- 1 ea. (2) Seal bar left & right, standard
- 1 ea. Double seal, standard
- 1 ea. Model SERVICE KIT Service Kit, for standard maintenance
- 1 ea. Liquid control sensor with inclined insert plate

ITEM #6 SPARE**ITEM #7 WALL MOUNTED OVER SHELF**

Quantity: One (1)

Manufacturer: Custom (or equal)

Model: FABRICATED ITEM

Stat: CFCI

- A. To be 16-gauge stainless steel construction, 1 1/2" turn down in front and 2" turn up at back and right end and left ends. Provide 14-gauge stainless steel wall brackets as shown.
- B. Approximate Size: (1) ea.12" deep x length as shown.

ITEM #8 PREP SINK

Quantity: One (1)

Manufacturer: American Stainless-Steel Corp. (or equal)

Model: FABRICATED ITEM

Status: CFCI

Fabricated assembly in length and configuration as shown on the drawings and shall include the following:

- A. Work area top to be 14-gauge stainless steel with a 14-gauge stainless steel backsplash at back 2" thick with a 45-degree top edge to wall, turn down 1/2" to "Z Clip" at back and right side. Top to be constructed with a "rolled" or marine edge as shown. Drainboards are to slope per NSF guidelines to sinks.
- B. Two (2) 14-gauge stainless steel formed and welded sinks, refer to drawings for bowl dimensional requirements. (Diecast sink bowls are not acceptable).
- C. Provide 16-gauge stainless steel undershelf with 1 1/2" turn down at front and 2" turn up at back.
- D. Legs to be 16-gauge stainless steel tubular, stainless steel welded leg sockets, stainless steel adjustable feet, and stainless-steel cross rail bracing. Provide 16-gauge stainless steel undershelf as shown.
- E. Approximate size: 30" deep x length as shown.
- F. Twist waste valve to have support bracket installed as part of fabrication with a minimum of 4" clearance from twist handle.
- G. Provide adjustable seismic flanged feet. Refer to drawings for configuration and quantity.
 - Accessories:
 - 2 ea. Fisher Model 22209 DrainKing Waste Valve, with flat strainer, 12 GPM drain rate, dual Teflon seals, stainless steel ball, cast red brass body
 - 1 ea. Fisher Model 60917 Faucet, backsplash mount, 8" centers, 10" swing spout, lever handles with color-coded indexes, 1/2" NPT male inlets, with elbows, stainless steel, CSA, ADA Compliant
 - 2 ea. Fisher Model 5000-2103 Close Elbow, 3/4" female, rough chrome

ITEM #9 PRE-RINSE FAUCET ASSEMBLY, WITH ADD ON FAUCET

Quantity: One (1)

Manufacturer: Fisher (or equal)

Model: 34452

Stat: CFCI

Pre-Rinse Unit, spring style, backsplash mount, 8" centers, 16" riser, 36" hose, 1.15 GPM Ultra-Spray™ PLUS spray valve with built-in spray handle clip & dish guard bumper, lever handles with color coded indexes, add-on faucet with 10" swing spout, includes wall bracket, 1/2" NPT male inlets, brass, ADA Compliant

Accessories:

- 2 ea. Model 5000-2103 Close Elbow, 3/4" female, rough chrome

ITEM #10 WALL MOUNTED OVER SHELF

Quantity: One (1)

Manufacturer: Custom (or equal)

Model: FABRICATED ITEM

Stat: CFCI

- A. To be 16-gauge stainless steel construction, 1 1/2" turn down in front and 2" turn up at back and right end and left ends. Provide 14-gauge stainless steel wall brackets as shown.
- B. Approximate Size: (1) ea. 12" deep x length as shown.

ITEM #11 PLASTIC SHELVING UNIT

Quantity: Three (3)

Manufacturer: Cambro (or equal)

Model: EMU244878V5580

Stat: CFCI

Camshelving® Elements Mobile Unit, 24"W x 48"L x 78-1/4"H, 5-tier, withstands temperature from -36°F (-38°C) to 190°F (88°C), includes: (5) vented reinforced polypropylene shelf plates with Camguard® antimicrobial protection, (4) composite posts, pre-assembled post connectors & wedges, (10) mobile traverses & (5) bags of 8 count dovetails (20 each A & B), (4) premium swivel casters with total locking brake, 750 lbs. max capacity, brushed graphite, NSF. Shelving to be 4-tier units with the bottom shelf at a minimum of 12" above finished floor. Provide post clamps to adjacent shelving unit two at front and two at back. Provide wall mounting angle brackets at top of shelving as shown.

Accessories:

- 3 ea. Lifetime warranty against corrosion and rust
- 3 ea. Model EMTR48580 Camshelving® Elements Traverse, for mobile units, 48"L, brushed granite, NSF
- 3 ea. Model EMTR482PK580 Camshelving® Elements Traverse, for mobile units, 48"L, includes (1) bag of 8 mobile traverse dovetails (4 each A & B), brushed graphite, NSF (2 per pack)

ITEM #12 PRE-RINSE FAUCET ASSEMBLY

Quantity: One (1)

Manufacturer: Fisher (or equal)

Model: 13390

Stat: CFCI

Pre-Rinse Unit, spring style, backsplash mount, 8" centers, 21" riser, 36" hose, 1.15 GPM Ultra-Spray™ PLUS spray valve with built-in spray handle clip & dish guard bumper, lever handles with color coded indexes, includes wall bracket, 1/2" NPT male inlets, brass, ADA Compliant

Accessories:

- 1 ea. Model 64211 Elbows, (2) 1/2", brass

ITEM #13 THREE COMPARTMENT POT WASH SINK

Quantity: One (1)

Manufacturer: American Stainless-Steel Corp. (or equal)

Model: FABRICATED ITEM

Status: CFCI

Fabricated assembly in length and configuration as shown on the drawings and shall include the following:

- A. Work area top to be 14-gauge stainless steel with a 14-gauge stainless steel backsplash at back 2" thick with a 45-degree top edge to wall, turn down ½" at back and right side to Z-clips. Top to be constructed with a rolled edge as shown. Drainboards are to slope per NSF guidelines to sinks.
- B. Three (3) 14-gauge stainless steel formed and welded integral sinks, refer to drawings for bowl dimensional requirements. (Diecast sink bows are not acceptable).
- C. Provide and install 16-gauge stainless steel tubular legs, stainless steel welded leg sockets, and stainless-steel cross rail bracing.
- D. Provide 16-gauge stainless steel undershelf with 1 ½" turn down at front and 2" turn up at back.
- E. Provide adjustable seismic flanged feet. Refer to drawings for configuration and quantity.
- F. Twist waste valve to have support bracket installed as part of fabrication with a minimum of 4" clearance from twist handle.

Accessories:

- 3 ea. Fisher Model 22209 DrainKing Waste Valve, with flat strainer, 12 GPM drain rate, dual Teflon seals, stainless steel ball, cast red brass body
- 2 ea. Fisher Model 60100 Faucet, 3/4", 8" backsplash, with 10" swing spout & elbows, stainless steel
- 4 ea. Fisher Model 5000-2103 Close Elbow, 3/4" female, rough chrome

ITEM #14 CLEAN DISH TABLE

Quantity: Two (2)

Manufacturer: American Stainless-Steel Corp. (or equal)

Model: FABRICATED ITEM

Status: CFCI

Fabricated assembly in length and configuration as shown on the drawings and shall include the following: To be fabricated of 14-gauge stainless steel.

- A. Work area top to be 14-gauge stainless steel with a 14-gauge stainless steel backsplash 2" thick with a 45-degree top edge to wall, turn down ½" at back and right side to Z-Clips. Top to be constructed with a "rolled" edge as shown. Drainboards are to slope per NSF guidelines to sinks.
- B. Provide adjustable seismic flanged feet. Refer to drawings for configuration and quantity.
- C. Provide and install 16-gauge stainless steel tubular legs, stainless steel welded leg sockets, stainless steel adjustable feet and 16 gauge welded tubular stainless undershelf.
- D. Approximate size: 30" deep x as shown. This item to be a part of item 13 Three Compartment Sink

ITEM #14.1 SOILED DISH TABLE

Quantity: One (1)

Manufacturer: American Stainless-Steel Corp. (or equal)

Model: FABRICATED ITEM

Status: CFCI

Fabricated assembly in length and configuration as shown on the drawings and shall include the following:

- A. Work area top to be 14-gauge stainless steel with a 14-gauge stainless steel backsplash 2" thick with a 45-degree top edge to wall, turn down ½" at back and right side to Z-Clips. Top to be constructed with a "rolled" edge as shown. Drain boards are to slope per NSF guidelines to dishwasher Item #14.2.
- B. Provide and install 16-gauge stainless steel tubular legs, stainless steel welded leg sockets, stainless steel adjustable feet and 16-gauge welded tubular stainless undershelf.
- C. Provide adjustable seismic flanged feet. Refer to drawings for configuration and quantity.
- D. Approximate size: 30" deep x as shown. This item to be a part of item 13 Three Compartment Sink

ITEM #14.2 DISHWASHER, DOOR TYPE, VENTLESS

Quantity: One (1)

Manufacturer: Champion (or equal)

Model: DH-6000T-VHR

Status: CFCI

Genesis Dishwasher, door type, extended hood (27" opening for trays), ventless heat recovery, high temperature sanitizing with built-in stainless steel electric booster for (40°-70° rise), (40) racks/hour capacity, auto start, single point electrical connection, door interlock switch, on-board service diagnostics, Rinse Sentry feature, auto-fill, detergent & chemical connections, interchangeable upper & lower spray arms, automatic drain valve, vent fan control, bottom mounted HMI controls, mounted water PRV, stainless steel construction, electric tank heat, peg rack, flat rack, 2 HP self draining pump, NSF, cULus, ENERGY STAR®

Accessories:

- 1 ea. Fuel Surcharge
- 1 ea. 1 year parts & labor warranty, standard
- 1 ea. Extended warranty (consult factory for price)
- 1 ea. Complimentary factory authorized performance test included, upon equipment start-up. Consult local Champion sales representative for coordination of the start-up. If customer is beyond 60 miles from Champion authorized service agent, consult factory.
- 1 ea. Single-point electrical connection, standard
- 1 ea. 208-240v/60/3-ph
- 1 ea. Straight-through design application
- 1 ea. Model 117084 Drain water tempering kit, shipped loose (unmounted)
- 1 ea. Flanged feet
- 1 ea. Champion ION scale prevention system, shipped un-mounted
- 1 ea. Model 101273 Flat Bottom Dishrack, 20" x 20", additional
- 1 ea. Model 101285 Peg Dishrack, 20" x 20", additional
- 1 ea. Model 114356 Sheet pan rack
- 1 ea. Model 115412 Insulated Tray/Steam Table pan rack
- 1 ea. Set of 4 seismic flanged feet.

ITEM #15 BLAST CHILLER/SHOCK FREEZER, REACH-IN

Quantity: One (1)

Manufacturer: Irinox North America (or equal)

Model: MULTIFRESH MF 70.1L PLUS

Status: CFCI

MultiFresh® Blast Chiller/Shock Freezer PLUS version, Reach-in: high cabinet, (14) 18" x 26" full size sheet pans or (28) 12" x 20" x 2-1/2", 155lbs. blast chill/freeze capacity from finished cooked temperature 194°F to 37°F in approximately 90 minutes or from finished cooked temperature 194°F to 0°F in approximately 4 hours on average, door hinged left, touch pad controls, (4) standard chilling and freezing cycles, an additional (122) dynamic chef designed, icon-controlled product specific cycles, able to customize and record replicable cycles,

favorites menu, WIFI or USB for data transfer to HACCP software, low temperature cooking & automatic chill, freeze, or hot hold (cook & hold), thawing, proofing, regeneration, holding, dehydration, pasteurization, and chocolate melting cycles, Temperature range 185° F to -40°F*, multi-sensor temperature probe, automatic SANIGEN® sanitation system, 304 grade stainless steel construction, Self contained efficient, IRINOX BALANCE SYSTEM® air-cooled condensing unit, (4) hp compressor rating, 6" stainless steel adjustable legs w/seismic flanged feet, installation not included, cULus, UL EPH Classified (compliant with NSF standards)

Accessories:

- 1 ea. (2) year parts and labor warranty, standard
- 1 ea. (5) year compressor warranty, standard
- 1 ea. With 6 racks, standard
- 1 ea. Self-contained, air-cooled energy efficient condensing unit, standard
- 1 ea. 208v/60/3-ph, 6.7 kW, 26.8 amps (NOTE: This unit requires a dedicated 30 amps circuit)
- 1 ea. Opposite door hanging (hinge on the right)
- 1 ea. Sous-vide probe
- 1 ea. Additional core probe
- 1 ea. Core probe holder for liquids
- 1 ea. Additional angle slides, set of 2

ITEM #16 HEATED CABINET, INTERMEDIATE HEIGHT

Quantity: Five (5)

Manufacturer: Cres Cor (or equal)

Model: H137SUA9D

Status: CFCI

Cabinet, Mobile Heated, intermediate height, insulated, top-mount heater assembly, magnetic latch, recessed push/pull handles, (9) sets of chrome plated wire universal angle slides on 4-1/2" centers adjustable 1-1/2" centers, solid state electronic control, LED digital display, field reversible doors, (4) heavy duty 5" swivel casters (2) braked, anti-microbial latches, stainless steel exterior & interior, NSF, cCSAus, ENERGY STAR®

Accessories:

- 4 ea. Standard Warranty: 1 year labor with 3 year parts warranty
- 4 ea. 120v/60/1-ph, 1.5 kW, 12 amp, 10 ft. power cord, standard
- 4 ea. Model 1056 002 Corner Bumpers, add 2" to OA dimensions, non-marking, gray
- 4 ea. Model 1265 000 SIDE Bail Handle Kit, side mounted (4 per kit)

ITEM #17 COMBI OVEN, GAS

Quantity: Three (3)

Manufacturer: RATIONAL (or equal)

Model: ICP 20-FULL NG 208/240V 1 PH (LM100GG)

Status: CFCI

Model ICP 20-FULL NG 208/240V 1 PH (LM100GG) (CG1GRRA.0000245) iCombi Pro® 20-Full Size Combi Oven, natural gas, (20) 18" x 26" sheet pan or (40) 12" x 20" steam pan or (20) 2/1 GN pan capacity, mobile oven rack & (10) stainless steel grids included, intelligent cooking system with (4) assistants; iDensityControl, iCookingSuite, iProductionManager, & iCareSystem, (6) operating modes, (5) cooking methods, (3) manual operating modes, 85° to 572°F temperature range, quick clean, care control, eco mode, 6-point core temperature probe, retractable hand shower, Ethernet interface, Wi-Fi enabled, includes (1) bucket of Active Green Cleaner & (1) bucket of Care Tabs, 303,500 BTU, 208/240v/60/1-ph, 6 ft. cord, 2.2 kW, IPX5, cCSAus, NSF, ENERGY STAR-®

Accessories:

- 3 ea. 2 years parts and labor, 5 years steam generator warranty

- 3 ea. Model CAP Chef Assistance Program, a RATIONAL certified Chef conducts 4 hours/location specialized application training with personnel, no charge
- 3 ea. Model 1900.1150US Water Filtration Double Cartridge System, for full-size Combi-Duos or if used for more than (2) units, includes: (1) double head with pressure gauge, (2) R95H filter & (1) filter installation kit (for each additional unit add (1) additional head & additional cartridge. Maximum (4) cartridges)
- 3 ea. NOTE: The RATIONAL Water Filtration Systems helps provide consistent high quality water to your RATIONAL cooking systems. The patented carbon block technology reduces the effects of sediment, chloramines and chlorine while providing the required flow rates
- 3 ea. Set of 4 seismic flanged feet.

ITEM #18 FLOOR TROUGH

Quantity: Two (2)

Manufacturer: Eagle Group (or equal)

Model: FT-1896-SG

Floor Trough, 96"W x 18"D, stainless steel subway-style grating, 4" deep trough pan with built-in pitch toward drain, accommodates up to 4" drain pipe, stainless steel removable perforated basket, 1" outer flange for mounting, all-welded 14/304 stainless steel construction, NSF

Accessories:

- 2 ea. ADA-compliant grating

ITEM #19 EXHAUST HOOD AND S/S WALL LINING

Quantity: One (1)

Manufacturer: CAPTIVE AIRE (or equal)

Model: 6024-ND-2-PSP-F

Status: CFCI

To be stainless steel type I exhaust hood. Hood to be 18-gauge stainless steel with removable Captrate Solo Filter cartridges. See drawings for dimensions. The exhaust hood is to have 3" air space at back. Provide 200-watt lights pre-wired to one (1) point of connection as the configuration is shown on the drawings.

- A. 18-gauge stainless steel wall panels (minimum length to be 36") per California Mechanical Code Chapter 5. Wall lining to be applied with Dow Corning #995 adhesive. "Liquid Nails" are not acceptable.
- B. Wall panels shall be installed horizontally and fluted vertically every 6" from top of floor base to bottom lip of the hood
- C. Wall lining shall be installed without exposed screws and bolts.
- D. Provide stainless steel "tees" and/or "ells" at each panel on both sides, bottom and top.
- E. The stainless-steel wall lining shall extend the full length of the exhaust hood Item including the fire system cabinet on the end of the hood.
- F. Insulated wall lining shall meet the requirements of NFPA-96 and all local codes and ordinances.
- G. Provide 18-gauge stainless steel closure skirting from top of the hood to finish ceiling.
- H. Provide all hanging information to the Contractor including the total weight of the hood.
- I. Furnish all necessary materials to support this assembly from the building structure. Assembly shall meet the requirements of NFPA-96 and the latest edition of the California Mechanical Code.
- J. 18-gauge stainless steel wall lining with a 1-inch mineral wool blanket and wire mesh backing or ceramic fiber and backing spaced out 1-inch on non-combustible spacers per California Mechanical Code 2019 Chapter 5.
- K. Current exhaust hood configuration, DCV set up to provide 0-10v speed signal and does not include VFDs for the fans. Refer to foodservice equipment exhaust hood details.

ITEM #19.1 FIRE SYSTEM

Quantity: One (1)

Manufacturer: CAPTIVE AIRE / ANSUL (or equal)

Model: R-102

Status: CFCI

Complete with a stainless-steel control panel, remote pull station, all shut/down electric contractors. This assembly to be in compliance with NFPA 96 and UL-300.

- A. All exposed piping, fittings, nozzles, and trim shall be stainless steel or chrome plated finish.
- B. All conduit piping and boxes are to be concealed in the building wall or ventilator. Verify with contractors to coordinate installation in the wall areas.
- C. Furnish a mechanical gas shut-off valve of proper size to the Plumbing Contractor for installation. Verify with Electrical Contractor what type of electrical panel will be furnished, either for shunt trips or contactors, and provide all necessary information regarding the inter-lock conduit and wiring between this electrical panel and the fire suppression panel. This electrical work and all material to be supplied by the Electrical Contractor.
- D. Coordinate with the hood manufacturer to supply the proper access into the hood area for the fire suppression linkage and nozzle locations.
- E. Before installation of the fire suppression system is started, approved drawings and fitting lists must be approved by the Office of Regulation Services. Once the installation is completed a field test must be performed in the presence of the inspecting authority.

ITEM #20 TILTING SKILLET BRAISING PAN, ELECTRIC

Quantity: One (1)

Manufacturer: RATIONAL (or equal)

Model: IVARIOPRO L 208/240V 3PH (LMX100CE)

Status: CFCI

Model IVARIOPRO L 208/240V 3PH (LMX100CE) (WX9ENRA.0002215) iVario Pro L Multifunctional Cooking Center, (1) 26 gallon pan, integrated iVarioBoost energy management system, 85° to 480°F temperature range, iZoneControl with up to (4) individually controlled heating zones, iCookingSuite intelligent cooking system, 6-point sensor core temperature probe, AutoLift (baskets and arm required for use), portioned water dispenser, retractable hand shower, Ethernet interface, WiFi enabled, includes stand with plastic feet, 208/240v/60/3-ph, 23.0 kw, CE, ETL, NSF, IPX5

Accessories:

- 1 ea. Model 1900.1154US Water Filtration Single Cartridge System, for any iVario, single Combi model, or XS or half-size Combi-Duos, includes: (1) single head with pressure gauge, R95H filter & filter installation kit
- 1 ea. NOTE: The RATIONAL Water Filtration Systems helps provide consistent high quality water to your RATIONAL cooking systems. The patented carbon block technology reduces the effects of sediment, chloramines and chlorine while providing the required flow rates
- 1 ea. NOTE: All public water systems using surface water and most ground water systems treat with either chlorine/chloramine or chlorine dioxide (EPA will allow levels as high as 4ppm safe for drinking water, exceeding our maximum level of .2ppm.
- 1 ea. Model 60.72.905 Unit anchoring kit, for size L and XL

ITEM #21 SPARE

ITEM #22 MOBILE WORKTABLE WITH UTENSIL DRAWER

Quantity: Two (2)

Manufacturer: American Stainless-Steel Corp. (or equal)

Model: FABRICATED ITEM

Status: CFCI

Fabricated assembly in length and configuration as shown on the drawings and shall include the following:

- A. Work area top to be 14-gauge stainless steel with 2" turn down on all four sides.
- B. Provide and install 16-gauge stainless steel tubular legs, stainless steel welded leg sockets, and fully welded stainless-steel cross rail bracing. Provide 16-gauge stainless steel undershelf as shown.
- C. Provide swivel expanding stem casters Component Hardware Group, Inc. (4) ea. Model CMS4- 4GBN brake model.
- D. Provide (2) ea. utensil drawer Component Hardware Group, Inc. Model S90-0020N drawer mounted to the underside of mobile worktable Item No. 15. Provide all necessary hardware mounting angles etc. for a complete installation. Slides to be installed so drawer will roll closed when released.

ITEM #23 BUN / SHEET PAN RACK

Quantity: Three (3)

Manufacturer: Cambro (or equal)

Model: UPR1826FA40580

Status: CFCI

Camshelving® Ultimate Sheet Pan Rack, 25-1/2W x 32-1/6"L x 71-7/8"H, full size unit, 1-1/2" rail spacing, molded positioning ribs, (40) full-size Camtray® (1826) or (80) half-size Camtray® (1318) capacity, temperature range -36°F (-38°C) to 190°F (88°C), 55 lbs. per shelf/350 lbs. per rack, (2) locking (2) non-locking 5" center-stem non-marking metal swivel casters, composite plastic, brushed graphite (ships fully assembled)

Accessories:

- 3 ea. 1 yr standard warranty
- 3 ea. Lifetime warranty against rust and corrosion for frame and rail panels only
- 3 ea. Model GBIRC272162110 GoBag® Rack Cover, 27" x 21" x 62", insulated, nylon, black

ITEM #24 PASS-THRU HEATED CABINET

Quantity: One (1)

Manufacturer: Traulsen (or equal)

Model: RHF232WP-HHG

Status: CFCI

Spec-Line Heated Cabinet, Pass-thru, two-section, stainless steel exterior and interior, standard depth cabinet, half-height glass door or doors with Santoprene® EZ-Clean Gaskets, (3) clear coated adjustable shelves per section, microprocessor controls, 6" adjustable stainless steel legs, NSF, UL rated

Accessories:

- 1 ea. 208/115v/60/1-ph, 15.5 amps, standard
- 1 ea. 3 year service/labor warranty, standard
- 1 ea. Thermometer side: Left door hinged left/right hinged right, standard
- 1 ea. Rear: Left door hinged left/right hinged right, standard
- 1 ea. Fluorescent lights with exterior switch
- 1 ea. Stainless Steel flanged feet, 6" high (set of 4)

ITEM #25 PASS-THRU REFRIGERATOR

Quantity: One (1)

Manufacturer: Traulsen (or equal)

Model: RHT132WPUT-FHG

Status: CFCI

Refrigerator, Pass-thru Display, one-section, self-contained refrigeration, StayClear™ Condenser, stainless steel exterior and interior, standard depth, wide full-height glass door on both sides with EZ-Clean Gaskets, interior lights, (3) adjustable wire shelves per section, microprocessor controls, 6" adjustable stainless steel legs, 1/3 hp, cULus, NSF

Accessories:

- 1 ea. 115v/60/1-ph, 8.3 amps, with cord & NEMA 5-15P, standard
- 1 ea. 3 year service/labor, 5 year compressor warranty, standard
- 1 ea. Standard refrigerant, standard
- 1 ea. Non-control side full height glass door, control side full height solid door
- 1 ea. Thermometer side door: hinged on right, standard
- 1 ea. Rear door hinged on right, standard
- 1 ea. Stainless Steel Flanged legs, 6" high (set of 4)

ITEM #26 HAND SINK

Quantity: One (1)

Manufacturer: Advance Tabco (or equal)

Model: 7-PS-68

Status: CFCI

Hand Sink, wall mounted, 14" wide x 10" front-to-back x 5" deep bowl, 20 gauge 304 stainless steel, with splash mounted gooseneck faucet with wrist blades, basket drain, wall bracket, NSF, cCSAus

Accessories:

- 1 ea. Model 7-PS-10 P-trap, heavy duty, 1-1/2", 17 gauge
- 1 ea. Model 7-PS-15 Welded Side Splash, 12"H (installed height), both sides, for hand sinks with 14" wide x 10" front-to-back bowl, splash mounted faucets

ITEM #27 DISPLAY MERCHANDISER, HEATED, FOR MULTI-PRODUCT

Quantity: Two (2)

Manufacturer: Hatco (or equal)

Model: GRSDS-36D

Status: CFCI

Merchandising Warmer, countertop, 36" long, (14) rods, pass thru design, with (2) shelves, forward-slanted shelves, pre-focused infrared top heat, tempered glass sides, stainless steel & aluminum construction, 4" legs, 1810 watts, cULus, UL EPH Classified, Made in USA

Accessories:

- 1 ea. NOTE: Includes 24/7 parts & service assistance, call 414-671-6350
- 1 ea. One year on-site parts & labor warranty, plus one additional year parts only warranty on all Glo-Ray metal sheathed elements
- 1 ea. 120v/60/1-ph, 1810 watts, 15.1 amps, NEMA 5-20P (domestic voltage), standard
- 1 ea. Model BLACK Black, designer housing color (available at time of purchase only)
- 1 ea. The color selected is not the default Glossy Gray & is considered custom & is NOT returnable
- 1 ea. Model GRSD36BP 5" Sneeze guard on customer side on 36" wide models, upper shelf, (available at time of purchase only)

1 ea. Model GRSD36BP 5" Sneeze guard on customer side on 36" wide models, lower shelf, (available at time of purchase only)

ITEM #28 SPARE**ITEM #29 SPARE****ITEM #30 OPEN DISPLAY MERCHANDISER**

Quantity: Three (3)

Manufacturer: MVP Group LLC (or equal)

Model: KGL-RM-40-S

Status: CFCI

Grab-N-Go Open Merchandiser, 41"W x 36"D x 65"H, digital temperature, (2) locking rear loading doors, key locking manual front shutter, (2) adjustable shelves, LED lighting in canopy & under all shelves, tempered side glass, black foamed polystyrene end panels, gray PVC coated steel interior & exterior, black steel kick plate, levelling feet, self-contained refrigeration, 5/8 HP, ETL-Sanitation, cETLus

Accessories:

- 1 ea. 1 Year Parts & Labor, 4 additional years on compressor (self-contained units only), standard
- 1 ea. 120v/60/1-ph, 16.8 amps, cord with NEMA 5-20P standard
- 1 ea. Silver PVC coated steel front panel, black foamed polystyrene end panels, black steel kick plate, standard
- 1 ea. Stainless steel interior finish

ITEM #31.1 CASHIER STATION

Quantity: One (1)

Manufacturer: Duke Manufacturing (or equal)

Model: TST-46SS

Status: CFCI

Furnish and set in place per manufacturer's standard specifications and the following:

1. Thurmaduke™ Solid Top Unit, "Cashier Stand" utility counter, 14ga stainless steel welded frame & supports, 20ga stainless steel body & undershelves, NSF
2. 6" high stainless steel legs, stainless steel adjustable foot, & Flanged Feet
3. Engineered Stone Countertop, 2cm Silestone (or equal) quartz composite on 3/4" exterior grade wood backer, 1-1/2" eased edge profile, extended 4" on student's side & 2" on operator's side, 33.5" high, 36" deep, water fall edge on cashier's left and right
4. Round cutout with grommet, in counter top for cord pass
5. ADA compliant, open base, wheel chair accessible
6. Millwork style décor panel, Formica (or equal) HPL laminate finish, continuous style over adjacent item, cutout for back light, LED light panel insert mounted & wired to remote switch
7. Raised acrylic décor panel, back lighted, on stainless steel barrel stand offs
8. Electric outlet, mounted in base, with galvanized junction box, duplex receptacle & stainless steel cover, GFCI Duplex NEMA #5-15R
9. 6 ft. cord & plug
10. Stainless steel fillers on front & end, angled filler one end, veneer plastic laminate, close gap with item #30
11. Kick Plate on front, back & end, stainless steel, recessed, screw attached
12. Modified length unit

ITEM #32 SERVING COUNTER

Quantity: One (1)

Manufacturer: Duke Manufacturing (or equal)

Model: TST-46SS

Status: CFCI

Thurmaduke Serving Systems cafeteria food service units are provided per item details with engineered stone or 14ga 300 series stainless steel (S.S.) tops with a 2" straight turndown on all sides, corners welded and polished. Tops to be attached to the cabinet body so that no spot weld marks appear. Bodies are constructed of heavy gauge S.S., welded interior channel supports and frame members. Units have matching S.S. bottom and, as specified, intermediate shelves with utility access holes at each end. Bodies are mounted on 6" high S.S. legs with adjustable feet and covered by S.S. kickplates.

Body: 30" wide, minimum, cabinet bodies are 20 gauge 300 series S.S. panelized construction with 14 Ga. 300 series S.S. vertical channel supports at all trayslide bracket locations and additional galvanized channel supports as per detail shown below.

All units include a 20 gauge 300 series S.S. built-in under-shelf with utility access holes and black grommets. 20 gauge 300 series S.S. intermediate shelves where required are welded in position. Cabinets have unitized bodies with stitch welded assembly & enclosed cavities for a vermin proof design. Casters are secured to a 2" x 4" x 2" 12 gauge galvanized inverted channel that runs front to back. Any powder coat painting must be conducted in-house at the approved manufacturer's facility to ensure quality control.

Thurmaduke Serving Systems food shields are tempered 3/8" glass mounted in S.S. adjustable brackets, self serve/full serve adjustable guard one side only, 3/8" glass single shelf, 1-1/4" square stainless steel posts & highlight edges, 1/4" glass end enclosures, tempered glass has polished edges & rounded corners

All equipment is to be built to the standards of Thurmaduke Serving Systems as made by Duke Manufacturing Company. All equipment for K-12th grade schools include 2 year limited parts and labor warranty.

Furnish and set in place per manufacturer's standard specifications and the following:

1. Thurmaduke™ Solid Top Unit, utility counter, 14ga stainless steel welded frame & supports, 20ga stainless steel body & undershelves, NSF
2. 6" high stainless steel legs, stainless steel adjustable foot, & Flanged Feet
3. Engineered Stone Countertop, 2cm Silestone (or equal) quartz composite on 3/4" exterior grade wood backer, 1-1/2" eased edge profile, extended 4" on student's side & 2" on operator's side, 33.5" high, 36" deep, waterfall edge on operator's right end
4. Round cutout with grommet, in counter top for cord pass
5. Millwork style décor panel, Formica (or equal) HPL laminate finish, cutout for back light, LED light panel insert mounted & wired to remote switch
6. Raised acrylic décor panel, back lighted, on stainless steel barrel stand offs
7. Electric outlet, mounted in base, with galvanized junction box, receptacle & stainless steel cover, (2)
NEMA #5-15R for item #27
(1) NEMA #5-30R for item #30
(1) NEMA #5-15R for LED decor lighting
8. Kick Plate on front & end, stainless steel, recessed, screw attached
9. Modified length unit

ITEM #32.1A SERVING LINE

Quantity: One (1)

Manufacturer: Duke Manufacturing (or equal)

Model: TST-60SS

Status: CFCI

Furnish and set in place per manufacturer's standard specifications and the following:

1. Thurmaduke™ Solid Top Unit, utility counter, 14ga stainless steel welded frame & supports, 20ga stainless steel body & undershelves, NSF
2. 6" high stainless steel legs, stainless steel adjustable foot, & Flanged Feet
3. Engineered Stone Countertop, 2cm Silestone (or equal) quartz composite on 3/4" exterior grade wood backer, 1-1/2" eased edge profile, extended 4" on student's side & 2" on operator's side, 33.5" high, 36" deep
4. Countertop cutout, isolation trim ring, stainless steel control panel, and prep to accept drop-in unit
5. Millwork style décor panel, Formica (or equal) HPL laminate finish, cutout for back light, LED light panel insert mounted & wired to remote switch
6. Raised acrylic décor panel, back lighted, on stainless steel barrel stand offs
7. Electric outlet, mounted in base, with galvanized junction box, receptacle & stainless steel cover, (1) NEMA #14-20R for item #39
(1) NEMA #5-15R for item #39A
8. Kick Plate on front, stainless steel, recessed, screw attached
9. Install drop-in item #39, mount & wire switch in stainless steel bracket
10. Fill faucet, single pantry valve & swivel spout

ITEM #32.1B SERVING LINE

Quantity: One (1)

Manufacturer: Duke Manufacturing (or equal)

Model: TST-60SS

Status: CFCI

Furnish and set in place per manufacturer's standard specifications and the following:

1. Thurmaduke™ Solid Top Unit, utility counter, 14ga stainless steel welded frame & supports, 20ga stainless steel body & undershelves, NSF
2. 6" high stainless steel legs, stainless steel adjustable foot, & Flanged Feet
3. Engineered Stone Countertop, 2cm Silestone (or equal) quartz composite on 3/4" exterior grade wood backer, 1-1/2" eased edge profile, extended 4" on student's side & 2" on operator's side, 33.5" high, 36" deep
4. Quartz riser, end splash for countertop at wall, 6" high 2CM stone
5. Countertop cutout, isolation trim ring, stainless steel control panel, and prep to accept drop-in unit
6. Millwork style décor panel, Formica (or equal) HPL laminate finish, cutout for back light, LED light panel insert mounted & wired to remote switch
7. Raised acrylic décor panel, back lighted, on stainless steel barrel stand offs
8. Electric outlet, mounted in base, with galvanized junction box, receptacle & stainless steel cover, (1) NEMA #5-15R for item #44
(1) NEMA #5-15R for item #43L
(1) NEMA #5-15R for LED decor light
9. Kick Plate on front, stainless steel, recessed, screw attached
10. Install drop-in item #44, mount & wire switch in stainless steel bracket
11. Electric Load Center, panel box & cover, circuit breakers, stainless steel wire chase & removable covers, and receptacles wired to panel box

ITEM #33 WORK COUNTER

Quantity: One (1)

Manufacturer: American Stainless-Steel Corp. (or equal)

Model: Fabricated Item

Status: CFCI

Fabricated assembly in length and configuration as shown on the drawings and shall include the following:

- A. Work area top to be 14-gauge stainless steel with a 14-gauge stainless steel backsplash at back 2" thick with a 45-degree top edge to wall, turn down ½" at back.
- B. Top to be constructed with square edge 2" turn down at front edge with 1" return back.
- C. Legs to be 16-gauge stainless steel tubular, stainless steel welded leg sockets, stainless steel adjustable feet and stainless-steel cross rail bracing. Provide 16-gauge stainless steel under shelf as shown.
- D. Approximate size: 30" deep x Length as shown.

ITEM #34 WALL MOUNTED OVER SHELF

Quantity: One (1)

Manufacturer: Custom (or equal)

Model: FABRICATED ITEM

Stat: CFCI

- A. To be 16-gauge stainless steel construction, 1 1/2" turn down in front and 2" turn up at back and right end and left ends. Provide 14-gauge stainless steel wall brackets as shown.
- B. Approximate Size: (1) ea. 12" deep x length as shown.

ITEM #35 REACH-IN REFRIGERATOR

Quantity: One (1)

Manufacturer: True Mfg. - General Foodservice

Model: STG2R-2G-HC

Stat: CFCI

SPEC SERIES® Refrigerator, reach-in, two-section, (2) glass doors with locks, cam-lift hinges, digital temperature control, (6) gray shelves, LED interior lights, stainless steel front, aluminum sides, aluminum interior, 5" castors, R290 Hydrocarbon refrigerant, 1/2 HP, 115v/60/1-ph, 5.9 amps, NEMA 5-15P, cULus, UL EPH Classified, Made in USA, ENERGY STAR®

Accessories:

- 1 ea. Warranty - 7 year compressor (self-contained only), please visit www.Truemfg.com for specifics
- 1 ea. Warranty - 3 year parts and labor, please visit www.Truemfg.com for specifics
- 1 ea. Left door hinged left, right door hinged right standard
- 1 ea. (3) vinyl shelves and shelf supports standard per section
- 1 ea. Seismic/flanged legs, 6", set of 4

ITEM #36 WORK COUNTER

Quantity: One (1)

Manufacturer: American Stainless-Steel Corp. (or equal)

Model: Fabricated Item

Status: CFCI

Fabricated assembly in length and configuration as shown on the drawings and shall include the following:

- A. Work area top to be 14-gauge stainless steel with a 14-gauge stainless steel backsplash at back 2" thick with a 45-degree top edge to wall, turn down ½" at back.
- B. Top to be constructed with square edge 2" turn down at front edge with 1" return back.
- C. Legs to be 16-gauge stainless steel tubular, stainless steel welded leg sockets, stainless steel adjustable feet and stainless-steel cross rail bracing. Provide 16-gauge stainless steel under shelf as shown.
- D. Approximate size: 30" deep x Length as shown.

ITEM #37 WALL MOUNTED OVER SHELF

Quantity: One (1)

Manufacturer: Custom (or equal)

Model: FABRICATED ITEM

Stat: CFCI

- A. To be 16-gauge stainless steel construction, 1 1/2" turn down in front and 2" turn up at back and right end and left ends. Provide 14-gauge stainless steel wall brackets as shown.
- B. Approximate Size: (1) ea. 12" deep x length as shown.

ITEM #38 PREP SINK

Quantity: One (1)

Manufacturer: American Stainless-Steel Corp. (or equal)

Model: FABRICATED ITEM

Status: CFCI

Fabricated assembly in length and configuration as shown on the drawings and shall include the following:

- A. One (1) 14-gauge stainless steel formed and welded integral sink, refer to drawings for bowl dimensional requirements. (Diecast sink bows are not acceptable). Sink to be fully welded into counter top of Item #36 Work Counter
- B. Twist waste valve to have support bracket installed as part of fabrication with a minimum of 4" clearance from twist handle.
Accessories:
 - 1 ea. Fisher Model 22209 DrainKing Waste Valve, with flat strainer, 12 GPM drain rate, dual Teflon seals, stainless steel ball, cast red brass body
 - 1 ea. Fisher Model 60917 Faucet, backsplash mount, 8" centers, 10" swing spout, lever handles with color-coded indexes, 1/2" NPT male inlets, with elbows, stainless steel, CSA, ADA Compliant
 - 2 ea. Fisher Model 5000-2103 Close Elbow, 3/4" female, rough chrome

ITEM #39 HOT / COLD FOOD WELL UNIT, DROP-IN, ELECTRIC

Quantity: 6 (six)

Manufacturer: Low Temp Industries (or equal)

Model: DI-QSCHP-3

Status: CFCI

Hot/Cold/Freeze Food Well, drop-in, 49-1/2"W x 26-3/4"D x 21-16/25"H, 14ga stainless steel top, accommodates (3) 12" x 20" pan size, wired remote, individual wired remote digital controls for hot or cold operation, manifold drain, stainless steel top & wells, galvanized exterior, cULus, ANSI/NSF 4, ANSI/NSF 7

Accessories:

1 ea. 120/208v/60/1-ph, 12.0 amps, NEMA 14-20P

ITEM #40 SNEEZE GUARD W/ LIGHTS

Quantity: Six (6)

Manufacturer: Duke Manufacturing

Model: BGA-1-60

Status: CFCI

Furnish and set in place per manufacturer's standard specifications and the following:

1. Food Shield Unit, self serve/full serve adjustable guard one side only, single shelf, 3/8" glass shelf & guard, 1-1/4" square stainless steel posts & highlight edges, 1/4" glass end enclosures, tempered glass has polished edges & rounded corners
2. LED light under shelf & wired to remote switch in base

ITEM #40A SNEEZE GUARD, STATIONARY

Quantity: One (1)

Manufacturer: Duke Manufacturing (or equal)

Model: BGA-1-60

Status: CFCI

Furnish and set in place per manufacturer's standard specifications and the following:

1. Food Shield Unit, self serve/full serve adjustable guard one side only, single shelf, 3/8" glass shelf & guard, 1-1/4" square stainless steel posts & highlight edges, 1/4" glass end enclosures, tempered glass has polished edges & rounded corners
2. LED light under shelf & wired to remote switch in base,
3. Radiant Heater, under shelf & wired to remote control in base

ITEM #41.1 SERVING COUNTER, UTILITY

Quantity: One (1)

Manufacturer: Duke Manufacturing

Model: TST-60SS

Status: CFCI

Thurmaduke Serving Systems cafeteria food service units are provided per item details with engineered stone or 14ga 300 series stainless steel (S.S.) tops with a 2" straight turndown on all sides, corners welded and polished. Tops to be attached to the cabinet body so that no spot weld marks appear. Bodies are constructed of heavy gauge S.S., welded interior channel supports and frame members. Units have matching S.S. bottom and, as specified, intermediate shelves with utility access holes at each end. Bodies are mounted on 6" high S.S. legs with adjustable feet and covered by S.S. kickplates.

Body: 30" wide, minimum, cabinet bodies are 20 gauge 300 series S.S. panelized construction with 14 Ga. 300 series S.S. vertical channel supports at all trayslide bracket locations and additional galvanized channel supports as per detail shown below.

All units include a 20 gauge 300 series S.S. built-in under-shelf with utility access holes and black grommets. 20 gauge 300 series S.S. intermediate shelves where required are welded in position. Cabinets have unitized bodies

with stitch welded assembly & enclosed cavities for a vermen proof design. Casters are secured to a 2" x 4" x 2" 12 gauge galvanized inverted channel that runs front to back. Any powder coat painting must be conducted in-house at the approved manufacturer's facility to ensure quality control.

Thurmaduke Serving Systems food shields are tempered 3/8" glass mounted in S.S. adjustable brackets, self serve/full serve adjustable guard one side only, 3/8" glass single shelf, 1-1/4" square stainless steel posts & highlight edges, 1/4" glass end enclosures, tempered glass has polished edges & rounded corners

All equipment is to be built to the standards of Thurmaduke Serving Systems as made by Duke Manufacturing Company. All equipment for K-12th grade schools include 2 year limited parts and labor warranty.

Furnish and set in place per manufacturer's standard specifications and the following:

1. Thurmaduke™ Solid Top Unit, utility counter, 14ga stainless steel welded frame & supports, 20ga stainless steel body & undershelves, NSF
2. 6" high stainless steel legs, stainless steel adjustable foot, & Flanged Feet
3. Engineered Stone Countertop, 2cm Silestone (or equal) quartz composite on 3/4" exterior grade wood backer, 1-1/2" eased edge profile, extended 4" on student's side & 2" on operator's side, 33.5" high, 36" deep
4. Quartz riser, end splash for countertop at wall, 6" high 2CM stone
5. Countertop cutout, isolation trim ring, stainless steel control panel, and prep to accept drop-in unit
6. Electric outlet, mounted in base, with galvanized junction box, receptacle & stainless steel cover, (1) NEMA #5-15R for item #44
(1) NEMA #5-15R for item #43
7. Install drop-in item #44, mount & wire switch in stainless steel bracket
8. Electric Load Center, panel box & cover, circuit breakers, stainless steel wire chase & removable covers, and receptacles wired to panel box
9. Hinged Doors on open side, stainless steel, lift-off hinges, & recessed pulls
10. FSEC to coordinate engineered stone color selection with Architect/Owner.

ITEM #41.2 SERVING COUNTER, UTILITY

Quantity: One (1)

Manufacturer: Duke Manufacturing (or equal)

Model: TST-60SS

Status: CFCI

Thurmaduke Serving Systems cafeteria food service units are provided per item details with engineered stone or 14ga 300 series stainless steel (S.S.) tops with a 2" straight turndown on all sides, corners welded and polished. Tops to be attached to the cabinet body so that no spot weld marks appear. Bodies are constructed of heavy gauge S.S., welded interior channel supports and frame members. Units have matching S.S. bottom and, as specified, intermediate shelves with utility access holes at each end. Bodies are mounted on 6" high S.S. legs with adjustable feet and covered by S.S. kickplates.

Body: 30" wide, minimum, cabinet bodies are 20 gauge 300 series S.S. panelized construction with 14 Ga. 300 series S.S. vertical channel supports at all trayslide bracket locations and additional galvanized channel supports as per detail shown below.

All units include a 20 gauge 300 series S.S. built-in under-shelf with utility access holes and black grommets. 20 gauge 300 series S.S. intermediate shelves where required are welded in position. Cabinets have unitized bodies with stitch welded assembly & enclosed cavities for a vermen proof design. Casters are secured to a 2" x 4" x 2" 12 gauge galvanized inverted channel that runs front to back. Any powder coat painting must be conducted in-house at the approved manufacturer's facility to ensure quality control.

Thurmaduke Serving Systems food shields are tempered 3/8" glass mounted in S.S. adjustable brackets, self serve/full serve adjustable guard one side only, 3/8" glass single shelf, 1-1/4" square stainless steel posts & highlight edges, 1/4" glass end enclosures, tempered glass has polished edges & rounded corners

All equipment is to be built to the standards of Thurmaduke Serving Systems as made by Duke Manufacturing Company. All equipment for K-12th grade schools include 2 year limited parts and labor warranty.

Furnish and set in place per manufacturer's standard specifications and the following:

Furnish and set in place per manufacturer's standard specifications and the following:

1. Thurmaduke™ Solid Top Unit, utility counter, 14ga stainless steel welded frame & supports, 20ga stainless steel body & undershelves, NSF
2. 6" high stainless steel legs, stainless steel adjustable foot, & Flanged Feet
3. Engineered Stone Countertop, 2cm Silestone (or equal) quartz composite on 3/4" exterior grade wood backer, 1-1/2" eased edge profile, extended 12" on student's side & 2" on operator's side, 33.5" high, 44" deep
4. Countertop cutout, isolation trim ring, stainless steel control panel, and prep to accept drop-in unit
5. Electric outlet, mounted in base, with galvanized junction box, receptacle & stainless steel cover, (1) NEMA #5-15R for item #44
(1) NEMA #5-15R for item #43
6. Install drop-in item #44, mount & wire switch in stainless steel bracket
7. Hinged Doors on open side, stainless steel, lift-off hinges, & recessed pulls
8. FSEC to coordinate engineered stone color selection with Architect/Owner.

ITEM #41.3 SERVING COUNTER, UTILITY

Quantity: One (1)

Manufacturer: Duke Manufacturing (or equal)

Model: TST-46SS

Status: CFCI

Thurmaduke Serving Systems cafeteria food service units are provided per item details with engineered stone or 14ga 300 series stainless steel (S.S.) tops with a 2" straight turndown on all sides, corners welded and polished. Tops to be attached to the cabinet body so that no spot weld marks appear. Bodies are constructed of heavy gauge S.S., welded interior channel supports and frame members. Units have matching S.S. bottom and, as specified, intermediate shelves with utility access holes at each end. Bodies are mounted on 6" high S.S. legs with adjustable feet and covered by S.S. kickplates.

Body: 30" wide, minimum, cabinet bodies are 20 gauge 300 series S.S. panelized construction with 14 Ga. 300 series S.S. vertical channel supports at all trayslide bracket locations and additional galvanized channel supports as per detail shown below.

All units include a 20 gauge 300 series S.S. built-in under-shelf with utility access holes and black grommets. 20 gauge 300 series S.S. intermediate shelves where required are welded in position. Cabinets have unitized bodies with stitch welded assembly & enclosed cavities for a vermin proof design. Casters are secured to a 2" x 4" x 2" 12 gauge galvanized inverted channel that runs front to back. Any powder coat painting must be conducted in-house at the approved manufacturer's facility to ensure quality control.

Thurmaduke Serving Systems food shields are tempered 3/8" glass mounted in S.S. adjustable brackets, self serve/full serve adjustable guard one side only, 3/8" glass single shelf, 1-1/4" square stainless steel posts & highlight edges, 1/4" glass end enclosures, tempered glass has polished edges & rounded corners

All equipment is to be built to the standards of Thurmaduke Serving Systems as made by Duke Manufacturing Company. All equipment for K-12th grade schools include 2 year limited parts and labor warranty.

Furnish and set in place per manufacturer's standard specifications and the following:

Furnish and set in place per manufacturer's standard specifications and the following:

1. Thurmaduke™ Solid Top Unit, utility counter, 14ga stainless steel welded frame & supports, 20ga stainless steel body & undershelves, NSF
2. 6" high stainless steel legs, stainless steel adjustable foot, & Flanged Feet
3. Engineered Stone Countertop, 2cm Silestone (or equal) quartz composite on 3/4" exterior grade wood backer, 1-1/2" eased edge profile, extended 12" on student's side & 2" on operator's side, 33.5" high, 44" deep
4. Round cutout with grommet, in counter top for cord pass
5. Electric outlet, mounted in base, with galvanized junction box, receptacle & stainless steel cover, (1) NEMA #5-15R for item #42
6. Hinged Doors on open side, stainless steel, lift-off hinges, & recessed pulls
7. FSEC to coordinate engineered stone color selection with Architect/Owner.

ITEM #41.4 SERVING COUNTER, UTILITY

Quantity: One (1)

Manufacturer: Duke Manufacturing (or equal)

Model: TST-60SS

Status: CFCI

Thurmaduke Serving Systems cafeteria food service units are provided per item details with engineered stone or 14ga 300 series stainless steel (S.S.) tops with a 2" straight turndown on all sides, corners welded and polished. Tops to be attached to the cabinet body so that no spot weld marks appear. Bodies are constructed of heavy gauge S.S., welded interior channel supports and frame members. Units have matching S.S. bottom and, as specified, intermediate shelves with utility access holes at each end. Bodies are mounted on 6" high S.S. legs with adjustable feet and covered by S.S. kickplates.

Body: 30" wide, minimum, cabinet bodies are 20 gauge 300 series S.S. panelized construction with 14 Ga. 300 series S.S. vertical channel supports at all trayslide bracket locations and additional galvanized channel supports as per detail shown below.

All units include a 20 gauge 300 series S.S. built-in under-shelf with utility access holes and black grommets. 20 gauge 300 series S.S. intermediate shelves where required are welded in position. Cabinets have unitized bodies with stitch welded assembly & enclosed cavities for a vermin proof design. Casters are secured to a 2" x 4" x 2" 12 gauge galvanized inverted channel that runs front to back. Any powder coat painting must be conducted in-house at the approved manufacturer's facility to ensure quality control.

Thurmaduke Serving Systems food shields are tempered 3/8" glass mounted in S.S. adjustable brackets, self serve/full serve adjustable guard one side only, 3/8" glass single shelf, 1-1/4" square stainless steel posts & highlight edges, 1/4" glass end enclosures, tempered glass has polished edges & rounded corners

All equipment is to be built to the standards of Thurmaduke Serving Systems as made by Duke Manufacturing Company. All equipment for K-12th grade schools include 2 year limited parts and labor warranty.

Furnish and set in place per manufacturer's standard specifications and the following:

Furnish and set in place per manufacturer's standard specifications and the following:

1. Thurmaduke™ Solid Top Unit, utility counter, 14ga stainless steel welded frame & supports, 20ga stainless steel body & undershelves, NSF
2. 6" high stainless steel legs, stainless steel adjustable foot, & Flanged Feet
3. Engineered Stone Countertop, 2cm Silestone (or equal) quartz composite on 3/4" exterior grade wood backer, 1-1/2" eased edge profile, extended 12" on student's side & 2" on operator's side, 33.5" high, 44" deep
4. Countertop cutout, isolation trim ring, stainless steel control panel, and prep to accept drop-in unit
5. Electric outlet, mounted in base, with galvanized junction box, receptacle & stainless steel cover,
 - (1) NEMA #5-15R for item #39
 - (1) NEMA #5-15R for item #40
6. Install drop-in item #39, mount & wire switch in stainless steel bracket
7. Fill faucet, single pantry valve & swivel spout
8. Hinged Doors on open side, stainless steel, lift-off hinges, & recessed pulls
9. FSEC to coordinate engineered stone color selection with Architect/Owner.

ITEM #41.5 SERVING COUNTER, UTILITY

Quantity: One (1)

Manufacturer: Duke Manufacturing (or equal)

Model: TST-60SS

Status: CFCI

Thurmaduke Serving Systems cafeteria food service units are provided per item details with engineered stone or 14ga 300 series stainless steel (S.S.) tops with a 2" straight turndown on all sides, corners welded and polished. Tops to be attached to the cabinet body so that no spot weld marks appear. Bodies are constructed of heavy gauge S.S., welded interior channel supports and frame members. Units have matching S.S. bottom and, as specified, intermediate shelves with utility access holes at each end. Bodies are mounted on 6" high S.S. legs with adjustable feet and covered by S.S. kickplates.

Body: 30" wide, minimum, cabinet bodies are 20 gauge 300 series S.S. panelized construction with 14 Ga. 300 series S.S. vertical channel supports at all trayslide bracket locations and additional galvanized channel supports as per detail shown below.

All units include a 20 gauge 300 series S.S. built-in under-shelf with utility access holes and black grommets. 20 gauge 300 series S.S. intermediate shelves where required are welded in position. Cabinets have unitized bodies with stitch welded assembly & enclosed cavities for a vermin proof design. Casters are secured to a 2" x 4" x 2" 12 gauge galvanized inverted channel that runs front to back. Any powder coat painting must be conducted in-house at the approved manufacturer's facility to ensure quality control.

Thurmaduke Serving Systems food shields are tempered 3/8" glass mounted in S.S. adjustable brackets, self serve/full serve adjustable guard one side only, 3/8" glass single shelf, 1-1/4" square stainless steel posts & highlight edges, 1/4" glass end enclosures, tempered glass has polished edges & rounded corners

All equipment is to be built to the standards of Thurmaduke Serving Systems as made by Duke Manufacturing Company. All equipment for K-12th grade schools include 2 year limited parts and labor warranty.

Furnish and set in place per manufacturer's standard specifications and the following:

Furnish and set in place per manufacturer's standard specifications and the following:

Furnish and set in place per manufacturer's standard specifications and the following:

1. Thurmaduke™ Solid Top Unit, utility counter, 14ga stainless steel welded frame & supports, 20ga stainless steel body & undershelves, NSF
2. 6" high stainless steel legs, stainless steel adjustable foot, & Flanged Feet

3. Engineered Stone Countertop, 2cm Silestone (or equal) quartz composite on 3/4" exterior grade wood backer, 1-1/2" eased edge profile, extended 12" on student's side & 2" on operator's side, 33.5" high, 44" deep
4. Stainless steel riser, end splash for countertop at wall, 6" high
5. Countertop cutout, isolation trim ring, stainless steel control panel, and prep to accept drop-in unit
6. Electric outlet, mounted in base, with galvanized junction box, receptacle & stainless steel cover, (1) NEMA #5-15R for item #39 (1) NEMA #5-15R for item #40
7. Install drop-in item #39, mount & wire switch in stainless steel bracket
8. Fill faucet, single pantry valve & swivel spout
9. Hinged Doors on open side, stainless steel, lift-off hinges, & recessed pulls
10. FSEC to coordinate engineered stone color selection with Architect/Owner.

ITEM #42 SPARE

ITEM #43 SPARE

ITEM #44 HEATED SHELF FOOD WARMER

Quantity: One (1)

Manufacturer: Hatch (or equal)

Model: HBGB-4818

Status: CFCI

Heated Base Glass Shelf, built-in, 48"L, ceramic glass surface, uniform heat, 100° - 200°F thermostatic control with lighted on/off rocker switch, choice of frame finish, cULus, UL EPH Classified

Accessories:

- 1 ea. NOTE: Includes 24/7 parts & service assistance, call 800-558-0607
- 1 ea. 1-Yr Warranty on Blanket Heating Elements against burnout, standard
- 1 ea. 120v/60/1-ph, 850 watts, 7.1 amps, NEMA 5-15P (domestic voltage), standard
- 1 ea. NOTE: Recommended for use in metallic countertop, verify that the material is suitable for temperatures up to 200°F
- 1 ea. Model HBGB-GLASS-BLK Black finished ceramic glass, standard
- 1 ea. Model HBGB-TRIM-BLK Designer Black powder coated trim ring
- 1 ea. The color selected is considered custom & is NOT returnable
- 1 ea. Model HBGB-BEZEL-BLK Designer black finished bezel, for control box
- 1 ea. The color selected is considered custom & is NOT returnable
- 1 ea. Flat top surface, standard
- 1 ea. Thermostat control with lighted rocker switch, standard

ITEM #45 SPARE

Spare

ITEM #46 POS CART

Quantity: One (1)

Manufacturer: Serv Smart (or equal)

Model: DF-21

ITEM #47 THREE STACK UTENSIL DRAWER UNIT

Quantity: Two (2)

Manufacturer: American Stainless-Steel Corp. (or equal)

Model: FABRICATED ITEM

Status: CFCI

Fabricated assembly in length and configuration as shown on the drawings and shall include the following: To be fabricated of 16-gauge stainless steel complete with the following hardware items. This item to be a part of Item #48 Chefs Counter

- A. Provide stainless steel flush pull, Component Hardware Group, Inc., model no. P63-1012, installed into the 18-gauge double-pan drawer front panel.
- B. Provide stainless steel locks, Component Hardware Group, Inc., model no P30-4781 for each drawer. All drawers are to be keyed alike.
- C. Provide stainless steel full extension slides, Component Hardware Group, Inc., model No. S52-0024. Provide two (2) per drawer. Slides to be installed so drawer will roll closed when released.
- D. Provide stainless steel removable drawer pan. Provide Component Hardware Group, Inc., model No. S81-1520 one (1) per drawer. Pan should be easily lifted out of drawer frame for cleaning.
- E. Drawer face panel to be constructed of 16-gauge stainless steel double pan construction. Single metal drawer faces are not acceptable.

ITEM #48 CHEFS SINK

Quantity: One (1)

Manufacturer: American Stainless-Steel Corp. (or equal)

Model: FABRICATED ITEM

Status: CFCI

Fabricated assembly in length and configuration as shown on the drawings and shall include the following:

- A. Sink to be one (1), 14-gauge stainless-steel formed and welded sink, refer to drawings for bowl dimensional requirements. (Diecast sink bows are not acceptable). Sink to be fully welded into countertop Item #50.
- B. This item is to be included as part of the fabrication of Item #50.
Accessories:
 - 1 ea. Fisher Model 57657 Faucet, deck mount, 8" centers, 10" swing spout, lever handles with color coded indexes, 1/2" male inlets, stainless steel, ADA Compliant
 - 1 ea. Fisher Model 22209 DrainKing Waste Valve, with flat strainer, 12 GPM drain rate, dual Teflon seals, stainless steel ball, cast red brass body
 - 1 ea. Fisher 5-year warranty against defects in materials or workmanship, standard
 - 2 ea. Fisher Model 5000-2103 Close Elbow, 3/4" female, rough chrome

ITEM #49 MOBILE WORKTABLE

Quantity: One (1)

Manufacturer: American Stainless-Steel Corp. (or equal)

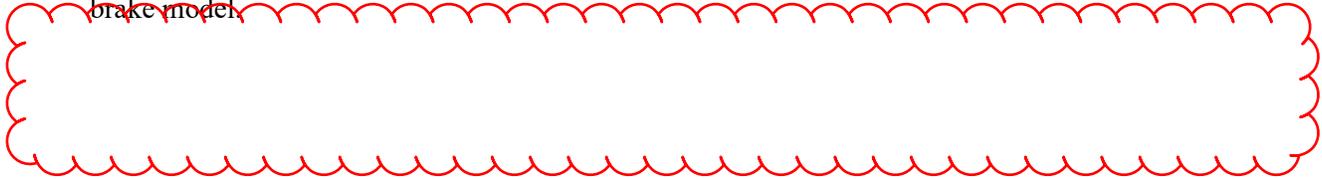
Model: FABRICATED ITEM

Status: CFCI

Fabricated assembly in length and configuration as shown on the drawings and shall include the following:

- A. Work area top to be 14-gauge stainless steel with 2" turn down on all four sides.

- B. Provide and install 16-gauge stainless steel tubular legs, stainless steel welded leg sockets, and fully welded stainless-steel cross rail bracing. Provide 16-gauge stainless steel undershelf as shown.
- C. Provide swivel expanding stem casters Component Hardware Group, Inc. (4) ea. Model CMS4- 4GBN brake model.



ITEM #50 CHEF'S COUNTER

Quantity: One (1)

Manufacturer: American Stainless-Steel Corp. (or equal)

Model: FABRICATED ITEM

Status: CFCI

Fabricated assembly in length and configuration as shown on the drawings and shall include the following: To be constructed of 14-gauge stainless steel complete with stainless steel finished ends and back. Provide accessible work area as shown.

- A. Top to be 14-gauge stainless steel complete with 2" turn downs on 4 sides and a working height of 2'-10".
- B. Base section to be 16-gauge stainless steel formed metal construction complete with 16-gauge stainless steel bottom and mid shelves. Provide accessible work area as shown.
- C. Provide 1 5/8" dia. Stainless steel tube legs with Component Hardware Group, Inc. A10-0851 adjustable foot insert.
- D. Provide (2) Component Hardware Group, Inc., model No. R58-1020 double-faced pedestal type electrical outlets with model No. R71-0721 stainless steel face plates. All electrical outlets to be provided with empty conduit all interconnected to one point connection at end of counter.
- E. Items to be included as part of this are items 47, 51, and 52.
- F. Provide adjustable seismic flanged feet. Refer to drawings for configuration and quantity.

ITEM #51 DOUBLE TABLE MOUNTED OVER SHELF

Quantity: One (1)

Manufacturer: American Stainless-Steel Corp. (or equal)

Model: Fabricated Item

Status: CFCI

Fabricated assembly in length and configuration as shown on the drawings and shall include the following:

- A. 16-gauge stainless steel shelves mounted on 1 5/8" dia. 16-gauge stainless steel tubular uprights anchored to bottom of base cabinet Item No. 50.
- B. Shelf is to be two tiered and have 1/2" turned-down edge on all sides. Countertop of Item #50 to be covered up around the tubular uprights where the uprights penetrate the top.

ITEM #52 POT RACK

Quantity: One (1)

Manufacturer: Eagle Group (or equal)

Model: TM60PR

Status: CFCI

Pot Rack, table mount, 52"W x 20"D, triple-bar design with tubular table supports, constructed of 3/16" x 2" stainless steel flat bar, includes (15) double-pronged pot hooks, for 60"W table, NSF. Pot rack to extend to base

of item #50 and be fully welded. Countertop of Item #50 to be covered up around the tubular uprights where the uprights penetrate the top.

Accessories:

25 ea. Model 300696 Pot Hook, stainless steel

ITEM #53 PIZZA PREPARATION REFRIGERATOR

Quantity: One (1)

Manufacturer: True Mfg. (or equal)

Model: TPP-AT-60-HC

Status: CFCI

Pizza Prep, 33 - 41°F pan rail, stainless steel cover, 19-1/2"D cutting board, (2) full doors, (4) PVC coated adjustable wire shelves, includes: (8) 1/3 size clear polycarbonate insert pans (top), stainless steel front, top & sides, aluminum interior with stainless steel floor, 5" castors, front breathing, R290 Hydrocarbon refrigerant, 1/4 HP, 115v/60/1-ph, 3.9 amps, NEMA 5-15P, UL EPH Classified, cULus, CE, Made in USA

Accessories:

1 ea. Self-contained refrigeration standard

1 ea. Warranty - 7 year compressor (self-contained only), please visit www.Truemfg.com for specifics

1 ea. ~~Warranty - 3 year parts and labor, please visit www.Truemfg.com for specifics~~

1 ea. Set of four (four) seismic flanged feet.

END OF SECTION

Bid No. 042623-TJ Kitchen Remodel



Sandon Schwartz
Deputy Superintendent

Susan Harautuneian
Director of Purchasing
1205 South Madera Avenue
Madera, CA 93637
559-675-4609

susanharautuneian@maderausd.org

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**MADERA UNIFIED SCHOOL DISTRICT
DOCUMENT 00020
NOTICE INVITING BIDS**

NOTICE INVITING BIDS PURSUANT TO PUBLIC CONTRACT CODE 22000, ET SEQ.
(THE UNIFORM PUBLIC CONSTRUCTION COST ACCOUNTING ACT)

Notice is hereby given that the Madera Unified School District (“MUSD”) will receive sealed bids for **Bid No. 042623-TJ Kitchen Removal**

A mandatory Job-Walk will be held May 04, 2023 @ 9:00 a.m. at Thomas Jefferson Middle School - 1407 Sunset Avenue, Madera, CA, 93637 (meet on east side of school, in parking lot)

To the extent required by Public Contract Code Section 20103.7, the District shall also make the Contract Documents available for review at one or more plan rooms.

Pursuant to the provisions of Section 1770 et seq of the California Labor Code, each worker of the contractor and any of its subcontractors engaged in work on the Project shall be paid not less than the prevailing wage rate.

SB 854 established new public works contractor registration program requirements for all public works projects. Pursuant to Labor Code Section 1725.5; Starting March 1st, 2015 no contractor/subcontractor may be listed in a bid proposal unless registered with the Department of Industrial Relations (DIR). Starting April 1st, 2015 no contractor/subcontractor may be awarded a contract, nor employed on a Public Works project unless registered with the DIR. This project is subject to prevailing wage requirements and compliance monitoring and enforcement by the DIR and may at any time require contractors/subcontractors to upload electronic certified payroll records on the DIR website.

Bidders shall be required to have a valid class “A” and/or “B” Contractor’s License.

General Contractors, and M.E.P.,F.S. subcontractors must be prequalified to bid on this project. Pre-Qualification Packet is due by May 8, 2023 @ 10:00:00am. A copy of the Pre-Qualification Packet and a listing of all currently pre-qualified contractors, maybe down loaded from Madera Unified School District Purchasing Department Website <https://www.madera.k12.ca.us/Page/6984>.

Sealed Bids must be received by May 18, 2023 at MUSD Purchasing Department, 1205 Madera Avenue, Madera CA 93637. (located on the 2nd floor) no later than 14:00:00

Bids shall be accompanied by a certified check, cashier’s check , or bidders bond in an amount not less than ten (10%) percent of the total bids made payable to MUSD.

The substitution of appropriate securities in lieu of retention amounts from progress payments in accordance with public Contract Code Section 22300 is permitted.

NOTICE INVITING BIDS

-1-

Bid No. 042623-TJ Kitchen Remodel

Copies of the BID documents may be requested from Matt Heiss / Darden Architects at matth@dardenarchitects.com or downloaded from **Madera Unified School District Purchasing Department Website** <http://www.madera.k12.ca.us/Page/6706>

Refer questions to **Matt Heiss at Darden Architects via email @ matth@dardenarchitects.com** no later than May 11, 2023 @ 02:00 p.m. Only questions received via email will be responded to.

Published April 26, 2023
May 03, 2023

NOTICE INVITING BIDS

-2-

Bid No. 042623-TJ Kitchen Remodel

MADERA UNIFIED SCHOOL DISTRICT

DOCUMENT 00100

INFORMATION FOR BIDDERS

1. AVAILABILITY OF CONTRACT DOCUMENTS

Bids must be submitted to the District on the Bid Forms which are a part of the Bid Package for the Project. Contract Documents may be obtained from the District at the location(s) and at the time(s) indicated in the Notice Inviting Bids. Prospective bidders are encouraged to telephone in advance to determine the availability of Contract Documents. Any applicable charges for the Contract Documents are outlined in the Notice Inviting Bids.

As required by Public Contract Code Section 20103.7, the District shall also make an electronic version of the Contract Documents available for review at one or more plan rooms, as indicated in the Notice Inviting Bids. Please Note: Prospective bidders who choose to review the Contract Documents at a plan room must contact the District to obtain the required Contract Documents if they decide to submit a bid for the Project.

2. EXAMINATION OF CONTRACT DOCUMENTS

The District has made copies of the Contract Documents available, as indicated above. Bidders shall be solely responsible, at its own expense and prior to submitting its bid, for examining the Project Site and the Contract Documents, including any Addenda issued during the bidding period, and for informing itself with respect to local labor availability, means of transportation, necessity for security, laws and codes, local permit requirements, wage scales, local tax structure, contractors' licensing requirements, availability of required insurance, and other factors that could affect the Work. Bidders are responsible for consulting the standards referenced in the Contract. Failure of Bidder to receive and so examine and inform itself shall be at its sole risk, and no relief for error or omission will be given except as required under State law.

3. INTERPRETATION OF CONTRACT DOCUMENTS

Discrepancies in, and/or omissions from the Plans, Specifications or other Contract Documents or questions as to their meaning shall be immediately brought to the attention of the District by submission of a written request for an interpretation or correction to the Architect via **Matt Heiss**. Such submission, if any, must be sent to **Matt Heiss** by emailing to matth@dardenarchitects.com. The person submitting the request for interpretation or correction is responsible for its prompt delivery. The final date for submittal of requests for interpretation or correction, if any, shall be specified in the Notice Inviting Bids.

Any interpretation of the Contract Documents will be made only by written addenda duly issued and mailed or delivered to each person or firm who has purchased a set of Contract Documents. The District will not be responsible for any explanations or interpretations provided in any other

INFORMATION FOR BIDDERS

manner. No person is authorized to make any oral interpretation of any provision in the Contract Documents to any bidder, and no bidder should rely on any such oral interpretation.

Bids shall include complete compensation for all items that are noted in the Contract Documents as the responsibility of the Contractor.

4. INSPECTION OF SITE; PRE-BID CONFERENCE AND SITE WALK

Each prospective bidder is responsible at its own expense for fully acquainting itself with the conditions of the Project Site (which may include more than one site), as well as those relating to the construction and labor of the Project, to fully understand the facilities, difficulties and restrictions which may impact the cost or effort required to complete the Project. To this end, a Pre-Bid Conference and Site Walk will be held on the date(s) and time(s) indicated in the Notice Inviting Bids. ***Bids will not be accepted from any bidder who did not attend the mandatory job walk. Bidders will be required to sign the attendance sheet at the mandatory job walk. Only bidders attending the job walk and signing in will receive any addenda that are issued.*** Storm, surface, nuisance, or other waters may be encountered at various times during construction of the Project. Federal and State laws require the District and its contractors to appropriately manage such waters pursuant to the requirements of California State Water Resources Control Board Order Number 2009-0009-DWQ, the Federal Clean Water Act, and the California Porter Cologne Water Quality Control Act. By submitting a Bid, each bidder acknowledges that it has investigated the risk arising from such waters, has prepared its Bid accordingly, and assumes any and all risks and liabilities arising therefrom.

5. ADDENDA

The District reserves the right to revise the Contract Documents prior to the bid opening date. Revisions, if any, shall be made by written Addenda. All addenda issued by the District shall be included in the bid and made part of the Contract Documents. Pursuant to Public Contract Code Section 4104.5, if the District issues an Addendum which includes material changes to the Project less than 72 hours prior to the deadline for submission of bids, the District will extend the deadline for submission of bids. The District may determine, in its sole discretion, whether an Addendum warrants postponement of the bid submission date. Each prospective bidder shall provide District a name, address and facsimile number to which Addenda may be sent, as well as a telephone number by which the District can contact the bidder. Copies of Addenda will be furnished by facsimile, first class mail, express mail or other proper means of delivery without charge to all parties who have obtained a copy of the Contract Documents and provided such current information. Please Note: Bidders are responsible for ensuring that they have received any and all Addenda. Each bidder's bid form shall acknowledge receipt, understanding and full consideration of all Addenda. To this end, each bidder should contact the District to verify that he has received all Addenda issued, if any, prior to the bid opening. Failure to acknowledge receipt of all Addenda may result in rejection of the bid

INFORMATION FOR BIDDERS

6. ALTERNATE BIDS

If alternate bid items are called for in the Contract Documents, the lowest bid will be determined on the basis of the base bid only, unless otherwise specified in the Notice Inviting Bids. However, the District may choose to award the contract on the basis of the base bid alone or the base bid and any alternate or combination of alternates. The time required for completion of the alternate bid items has been factored into the Contract duration and no additional Contract time will be awarded for any of the alternate bid items. The District may elect to include one or more of the alternate bid items, or to otherwise remove certain work from the Project scope of work, accordingly each Bidder must ensure that each bid item contains a proportionate share of profit, overhead and other costs or expenses which will be incurred by the Bidder.

7. COMPLETION OF BID FORMS

Bids shall only be prepared using copies of the Bid Forms which are included in the Contract Documents. The use of substitute bid forms other than clear and correct photocopies of those provided by the District will not be permitted. Bids shall be executed by an authorized signatory as described in these Information for Bidders. In addition, Bidders shall fill in all blank spaces (including inserting "N/A" where applicable) and initial all interlineations, alterations, or erasures to the Bid Forms. Bidders shall neither delete, modify, nor supplement the printed matter on the Bid Forms nor make substitutions thereon. **USE OF BLACK OR BLUE INK, INDELIBLE PENCIL OR A TYPEWRITER IS REQUIRED.** Deviations in the bid form may result in the bid being deemed non-responsive. Bidders should not deface or mutilate the bid documents to the extent that they may not be usable for construction purposes.

8. MODIFICATIONS OF BIDS

Each Bidder shall submit its Bid in strict conformity with the requirements of the Contract Documents. Unauthorized additions, modifications, revisions, conditions, limitations, exclusions or provisions attached to a Bid may render it non-responsive and may cause its rejection. Bidders shall neither delete, modify, nor supplement the printed matter on the Bid Forms, nor make substitutions thereon. Oral, telephonic and electronic modifications will not be considered, unless the Notice Inviting Bids authorizes the submission of electronic bids and modifications thereto and such modifications are made in accordance with the Notice Inviting Bids.

9. DESIGNATION OF SUBCONTRACTORS

Pursuant to State law, the Bidders must designate on the form provided herein, and submit with their Bid, the name, license number, DIR registration number, and location of each subcontractor who will perform work or render services for the Bidder in an amount that exceeds one-half of one percent (1/2%) of the Bidder's Total Bid Price, as well as the portion of work each such subcontractor will perform on the form provided herein by the District. If requested by the District, Bidders are required to submit the phone number, license expiration date, and any other requested information for each subcontractor listed in its bid within twenty-four (24) hours of bid opening.

INFORMATION FOR BIDDERS

10. ANTI-DISCRIMINATION.

It is the policy of the District that in connection with all work performed under contracts, there be no discrimination against any prospective or active employees engaged in the work because of race, color, ancestry, national origin, religious creed, sex, age or marital status. The successful bidder agrees to comply with applicable Federal and California laws including, but not limited to, the California Fair Employment Practice Act, beginning with Government Code 12900, and Labor Code 1735. In addition, the successful bidder agrees to require like compliance by any subcontractors employed on the work by him.

11. LICENSING REQUIREMENTS

Pursuant to Section 7028.15 of the Business and Professions Code and Section 3300 of the Public Contract Code, all bidders must possess proper licenses for performance of this Contract at the time of submission of their bid, and must maintain the licenses throughout the duration of the Contract. Subcontractors must possess the appropriate licenses for each specialty subcontracted, including but not limited to all certifications required by the United States Environmental Protection Agency Lead Renovation, Repair, and Paint Rule set forth at Title 40, Part 745 of the Code of Federal Regulations. Pursuant to Section 7028.5 of the Business and Professions Code, the District shall consider any bid submitted by a contractor not currently licensed in accordance with state law and pursuant to the requirements found in the Contract Documents to be non-responsive, and the District shall reject the Bid. The District shall have the right to request, and Bidders shall provide within five (5) calendar days, evidence satisfactory to the District of all valid license(s) currently held by that Bidder and each of the Bidder's subcontractors, before awarding the Contract. Failure of a bidder to obtain proper and adequate licensing for an award of a contract shall constitute a failure to execute the contract and may result in forfeiture of the bidder's bid security.

12. SIGNING OF BIDS

All Bids submitted shall be executed by the Bidder or its authorized representative. Bidders may be asked to provide evidence in the form of an authenticated resolution of its Board of Directors or a Power of Attorney evidencing the capacity of the person signing the Bid to bind the Bidder to each Bid and to any Contract arising therefrom.

If a Bidder is a joint venture or partnership, it may be asked to submit an authenticated Power of Attorney executed by each joint venturer or partner appointing and designating one of the joint venturers or partners as a management sponsor to execute the Bid on behalf of Bidder. Only that joint venturer or partner shall execute the Bid. The Power of Attorney shall also: (1) authorize that particular joint venturer or partner to act for and bind Bidder in all matters relating to the Bid; and (2) provide that each venturer or partner shall be jointly and severally liable for any and all of the duties and obligations of Bidder assumed under the Bid and under any Contract arising therefrom. The Bid shall be executed by the designated joint venturer or partner on behalf of the joint venture or partnership in its legal name.

INFORMATION FOR BIDDERS

13. BID SECURITY

Each bid shall be accompanied by: (a) cash; (b) a certified check made payable to the District; (c) a cashier's check made payable to the District; or (d) a bid bond payable to the District executed by the bidder as principal and surety as obligor in an amount not less than 10% of the maximum amount of the bid. Personal sureties and unregistered surety companies are unacceptable. The surety insurer shall be California admitted surety insurer, as defined in Code of Civil Procedure Section 995.120. The cash, check or bid bond shall be given as a guarantee that the bidder shall execute the Contract if it be awarded to the bidder, shall provide the payment and performance bonds and insurance certificates and endorsements as required herein within ten (10) calendar days after notification of the award of the Contract to the bidder. Failure to provide the required documents may result in forfeiture of the bidder's bid deposit or bond to the District and the District may award the Contract to the next lowest responsible bidder, or may call for new bids.

14. SUBMISSION OF SEALED BIDS

Once the Bid and supporting documents have been completed and signed as set forth herein, they shall be placed, along with the Bid Guarantee and other required materials in an envelope, sealed, addressed and delivered or mailed, postage prepaid to the District at the place and to the attention of the person indicated in the Notice Inviting Bids. No oral or telephonic bids will be considered. No forms transmitted via the internet, e-mail, facsimile, or any other electronic means will be considered unless specifically authorized by District as provided herein. The envelope shall also contain the following in the lower left-hand corner thereof:

Bid of _____ (Bidder's Name)
for the Bid No. 042623-TJ Kitchen Remodel

Only where expressly permitted in the Notice Inviting Bids, may Bidders submit their bids via electronic transmission pursuant to Public Contract Code Sections 1600 and 1601. The acceptable method(s) of electronic transmission shall be stated in the Notice Inviting Bids. District reserves the right to refuse to accept electronically transmitted bids where not specifically authorized in the Notice Inviting Bids, and may reject any bid not strictly complying with District's designated methods for delivery.

15. DELIVERY AND OPENING OF BIDS

Bids will be received by the District at the address shown in the Notice Inviting Bids up to the date and time shown therein. The District will leave unopened any Bid received after the specified date and time, and any such unopened Bid will be returned to the Bidder. It is the Bidder's sole responsibility to ensure that its Bid is received as specified. Bids may be submitted earlier than the dates(s) and time(s) indicated. Bidders are advised that on bid date District telephones WILL NOT be available for use by bidders or their representatives.

Bids will be opened at the date and time stated in the Notice Inviting Bids, and the amount of each Bid will be read aloud and recorded. All Bidders may, if they desire, attend the opening of

INFORMATION FOR BIDDERS

Bids. The District may in its sole discretion, elect to postpone the opening of the submitted Bids. District reserves the right to reject any or all Bids and to waive any informality or irregularity in any Bid. In the event of a discrepancy between the written amount of the Bid Price and the numerical amount of the Bid Price, the written amount shall govern.

16. WITHDRAWAL OF BID

Prior to bid opening, a Bid may be withdrawn by the Bidder only by means of a written request signed by the Bidder or its properly authorized representative. Any request to withdraw a bid after bid opening shall be submitted in writing and in accordance with all requirements of Public Contract Code Section 5100 et seq.

17. BASIS OF AWARD; BALANCED BIDS

The District shall award the Contract to the lowest responsible Bidder submitting a responsive Bid. The District may reject any Bid which, in its opinion when compared to other bids received or to the District's internal estimates, does not accurately reflect the cost to perform the Work. The District may reject as non-responsive any bid which unevenly weights or allocates costs, including but not limited to overhead and profit to one or more particular bid items.

18. DISQUALIFICATION OF BIDDERS; INTEREST IN MORE THAN ONE BID

No bidder shall be allowed to make, submit or be interested in more than one bid. However, a person, firm, corporation or other entity that has submitted a subproposal to a bidder, or that has quoted prices of materials to a bidder, is not thereby disqualified from submitting a subproposal or quoting prices to other bidders submitting a bid to the District. No person, firm, corporation, or other entity may submit subproposal to a bidder, or quote prices of materials to a bidder, when also submitting a prime bid on the same Project.

19. INSURANCE REQUIREMENTS

Prior to commencement of any work under the Contract, the successful bidder shall procure the insurance in the form and in the amount specified in the Contract Documents, from insurers meeting all requirements specified therein.

20. AWARD PROCESS

Once all Bids are opened and reviewed to determine the lowest responsive and responsible Bidder, the District's governing Board may award the contract. The apparent successful Bidder should begin to prepare the following documents: (1) the Performance Bond; (2) the Payment Bond; and (3) the required insurance certificates and endorsements. Once the District notifies the Bidder of the award, the Bidder will have ten (10) consecutive calendar days from the date of this notification to execute the Contract and supply the District with all of the required documents and certifications. In the event the bidder fails or refuses to post the required bonds, return executed copies of the Contract within ten (10) consecutive calendar days, the District may declare the bidder's bid deposit or bond forfeited as damages caused by the failure of the

INFORMATION FOR BIDDERS

bidder to post the required bonds and execute such copies of the Contract, and may award the Contract to the next lowest responsible bidder, or may call for new bids. Alternatively, the District may in its sole discretion extend the time for the bidder to provide the required documents and certifications, however, regardless whether the Bidder supplies the required documents and certifications in a timely manner, the Contract time will begin to run ten (10) calendar days from the date of the notification. Once the District receives all of the properly drafted and executed documents and certifications from the Bidder, the District shall issue a Notice to Proceed to that Bidder.

21. CONTRACT PROCEDURES

The District will give the successful bidder a notice of award of Contract. Following the giving of the notice of award of Contract, the successful bidder shall post the Performance and Payment Bonds, provide certificates of insurance, and other certificates, and return executed copies of bonds and Contracts

22. FILING OF BID PROTESTS

Submitted bids will be timely made available for review upon request of any bidder. Bidders may file a “protest” of a Bid with the District’s Director of Purchasing. In order for a Bidder’s protest to be considered valid, the protest must:

- A. Be filed in writing within five (5) calendar days after the bid opening date;
- B. Clearly identify the specific irregularity or accusation;
- C. Clearly identify the specific District staff determination or recommendation being protested;
- D. Specify, in detail, the grounds of the protest and the facts supporting the protest; and
- E. Include all relevant, supporting documentation with the protest at time of filing.

If the protest does not comply with each of these requirements, it may be rejected without further review.

If the protest is timely and complies with the above requirements, the District’s Director of Purchasing, or other designated District staff member, shall review the basis of the protest and all relevant information. The District will provide a written response to the protestor.

INFORMATION FOR BIDDERS

23. CONTACT WITH DISTRICT PERSONNEL.

IN ORDER TO CONTROL INFORMATION DISSEMINATED REGARDING THIS BID, ORGANIZATIONS INTERESTED IN SUBMITTING PROPOSALS ARE DIRECTED NOT TO MAKE PERSONAL CONTACT WITH DISTRICT EMPLOYEES OR BOARD MEMBERS. QUESTIONS REGARDING THIS BID MAY BE SUBMITTED IN WRITING TO: SUSAN HARAUTUNEIAN AT SUSANHARAUTUNEIAN@MADERAUSD.ORG

24. WORKERS COMPENSATION

Each Bidder shall submit the Contractors Certificate Regarding Workers' Compensation form.

25. PUBLIC WORKS CONTRACTOR REGISTRATION CERTIFICATION

Pursuant to Labor Code sections 1725.5 and 1771.1, all contractors and subcontractors that wish to bid on, be listed in a bid proposal, or enter into a contract to perform public work must be registered with the Department of Industrial Relations. No bid will be accepted nor any contract entered into without proof of the contractor's and subcontractors' current registration with the Department of Industrial Relations to perform public work. If awarded a Contract, the Bidder and its subcontractors, of any tier, shall maintain active registration with the Department of Industrial Relations for the duration of the Project. To this end, Bidder shall sign and submit with its Bid the Public Works Contractor Registration Certification on the form provided, attesting to the facts contained therein. Failure to submit this form may render the Bid non-responsive. In addition, each Bidder shall provide the registration number for each listed subcontractor in the space provided in the Designation of Subcontractors Form.

26. SUBSTITUTION OF SECURITY

The Contract Documents call for monthly progress payments based upon the percentage of the work completed. Unless otherwise specified in the Notice Inviting Bids, the District will retain five percent (5%) of each progress payment as provided by the Contract Documents. At the request and expense of the successful Bidder, the District will substitute securities for the amount so retained in accordance with Public Contract Code Section 22300.

27. PREVAILING WAGES

The District has obtained from the Director of the Department of Industrial Relations the general prevailing rate of per diem wages in the locality in which this work is to be performed for each craft or type of worker needed to execute the Contract. These rates may be obtained online at <http://www.dir.ca.gov/dlsr> or will be made available by the District upon request. Bidders are advised that a copy of these rates must be posted by the successful Bidder at the job site(s).

INFORMATION FOR BIDDERS

28. DEBARMENT OF CONTRACTORS AND SUBCONTRACTORS

In accordance with the provisions of the Labor Code, contractors or subcontractors may not perform work on a public works project with a subcontractor who is ineligible to perform work on a public project pursuant to Section 1777.1 or Section 1777.7 of the Labor Code. Any contract on a public works project entered into between a contractor and a debarred subcontractor is void as a matter of law. A debarred subcontractor may not receive any public money for performing work as a subcontractor on a public works contract. Any public money that is paid to a debarred subcontractor by the Contractor for the Project shall be returned to the District. The Contractor shall be responsible for the payment of wages to workers of a debarred subcontractor who has been allowed to work on the Project.

29. PERFORMANCE BOND AND PAYMENT BOND REQUIREMENTS

Within the time specified in the Contract Documents, the Bidder to whom a Contract is awarded shall deliver to the District four identical counterparts of the Performance Bond and Payment Bond in the form supplied by the District and included in the Contract Documents, which form should be carefully examined by the bidder. Failure to do so may, in the sole discretion of District, result in the forfeiture of the Bid Guarantee. The surety supplying the bond must be an admitted surety insurer, as defined in Code of Civil Procedure Section 995.120, authorized to do business as such in the State of California and satisfactory to the District. The Performance Bond and the Payment Bond shall be for one hundred percent (100%) of the Total Bid Price.

30. REQUEST FOR SUBSTITUTIONS

The successful bidder shall comply with the substitution request provisions set forth in the General Conditions and/or Special Conditions, including any deadlines for substitution requests which may occur prior to the bid opening date.

31. SALES AND OTHER APPLICABLE TAXES, PERMITS, LICENSES AND FEES

Contractor and its subcontractors performing work under this Contract will be required to pay California sales tax and other applicable taxes, and to pay for permits, licenses and fees required by the agencies with authority in the jurisdiction in which the work will be located, unless otherwise expressly provided by the Contract Documents.

32. EXECUTION OF CONTRACT

As required herein the Bidder to whom an award is made shall execute the Contract in the form included in the Contract Documents, which should be carefully examined by the bidder. The District may require appropriate evidence that the persons executing the Contract are duly empowered to do so.

INFORMATION FOR BIDDERS

33. REQUIRED CERTIFICATIONS

Bidders, for all projects involving state funds, are required to submit the “Asbestos-Free Materials Certification.” This form is included in this package and must be signed under the penalty of perjury and dated, and shall be submitted to the District in accordance with Section 83 of the General Conditions. The successful bidder shall also execute, under the penalty of perjury and dated, the “Recycled Content Certification” and the “Drug-Free Workplace Certification” included in this package.

Further, by law it is the District’s responsibility to determine whether a contractor must provide fingerprint certification. Pursuant to Education Code section 45125.2, the District considers the totality of the circumstances in order to determine if fingerprinting of employees of a contractor working on a school site is required. Factors to be considered include the length of time the contractor’s employees are on school grounds, whether students are in proximity with the location where the contractor’s employees are working, and whether the contractor’s employees are working alone or with others. A determination regarding whether fingerprint certification is required is contained in the Special Conditions. These forms are included with the bid package and must be signed under the penalty of perjury and dated. The successful bidders shall also be required to hold additional certifications required by the Work, before engaging in the Work. Such certifications may include but are not limited to all certifications required by the United States Environmental Protection Agency Lead Renovation, Repair, and Paint Rule set forth at Title 40, Part 745 of the Code of Federal Regulations. In addition to the above, each bidder shall submit the certification required by the Iran Contracting Act of 2010, Public Contract Code Section 2200 et seq. as provided with the Contract Documents.

34. BID DEPOSIT RETURN.

The District will return the security accompanying the bids of all unsuccessful bidders, except as otherwise provided herein, no later than sixty (60) calendar days after award of the Contract.

END OF INFORMATION FOR BIDDERS

INFORMATION FOR BIDDERS

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DOCUMENT 00200
PRIME POINT OF CONTACT

BID No. 042623-TJ Kitchen Remodel

Each proponent's proposal must contain a statement indicating the name of their prime point of contact for the resolution of difficulties with the vendor's proposed offerings.

Name of Company

Address

Signature
Code

City State Zip

Print Name
Fax Number

Phone Number

Title

Email Address

**DOCUMENT 00300
BID FORM**

NAME OF BIDDER: _____

The undersigned, hereby declare that we have carefully examined the location of the proposed Work, and have read and examined the Contract Documents, including all plans, specifications, and all addenda, if any, for the following Project:

Bid No. 042623

We hereby propose to furnish all labor, materials, equipment, tools, transportation, and services, and to discharge all duties and obligations necessary and required to perform and complete the Project in a good and workmanlike manner within the time stipulated for the following TOTAL BID PRICE:

	BID PRICE (IN WRITTEN FORM)	BID PRICE (IN NUMBERS)
BASE BID		
ALLOWANCE	Forty-Six Thousand and no/100 dollars	\$46,000.00
TOTAL BID PRICE		

In case of discrepancy between the written price and the numerical price, the written price shall prevail.

If the Contract Documents specify alternate bid items, the following Alternate Bid amounts shall be added to or deducted from the Total Bid Price entered above (please check the appropriate box), at the District's sole option. The District can choose to include one or more of the Alternate Bids in the Project. If any of the Alternate Bids are selected by the District, the resulting amount shall be added to or deducted from Total Bid Price for the Project. The District may select one or more of the Alternate Bids at the below stated Bid Price up to sixty (60) days following award of the Contract. The District can award/select Alternate Bid items at any time(s).

ALTERNATE BIDS	BID PRICE (IN WRITTEN FORM)	BID PRICE (IN NUMBERS)
ALTERNATE #2 <input type="checkbox"/> Add <input type="checkbox"/> Deduct		
ALTERNATE #3 <input type="checkbox"/> Add <input type="checkbox"/> Deduct		
ALTERNATE #4 <input type="checkbox"/> Add <input type="checkbox"/> Deduct		
ALTERNATE #5 <input type="checkbox"/> Add <input type="checkbox"/> Deduct		
ALTERNATE #6 <input type="checkbox"/> Add <input type="checkbox"/> Deduct		

The undersigned agrees that this Bid Form constitutes a firm offer to the District which cannot be withdrawn for the number of calendar days indicated in the Notice Inviting Bids from and after the bid opening, or until a Contract for the Work is fully executed by the District and a third party, whichever is earlier.

The Contract duration shall commence on the date stated in the District's Notice to Proceed, and shall be completed by the Contractor in the time specified in the Contract Documents. In no case shall the Contractor commence construction prior to the date stated in the District's Notice to Proceed.

Bidder certifies that it is licensed in accordance with the law providing for the registration of Contractors, License No. _____, Expiration Date _____, class of license _____. If the bidder is a joint venture, each member of the joint venture must include the above information.

Notice of acceptance or requests for additional information provided by the District should be addressed to the undersigned at the address stated below:

The names of all persons interested in the foregoing proposal as principals are as follows:

(IMPORTANT NOTICE: If bidder or other interested person is a corporation, state legal name of corporation, also names of the president, secretary, treasurer, and manager thereof; if a co-partnership, state true name of firm, also names of all individual copartners comprising the firm; if bidder or other interested person is an individual, state first and last names in full.)

The undersigned acknowledges receipt, understanding and full consideration of the following addenda to the Contract Documents.

Addenda No. _____

Addenda No. _____

Addenda No. _____

1. Attached is the completed Prime Point of Contact Form
2. Attached is the completed Contractor's Certificate Regarding Workers' Compensation form.
3. Attached is the required bid security in the amount of not less than 10% of the Total Bid Price.
4. Attached is the completed Designation of Subcontractors form.
5. Attached is the completed Designation of DVBE Subcontractors form, if required
6. Attached is the completed Project Listings
7. Attached is the completed Asbestos-Free Materials Certification form, if required.
8. Attached is the completed Recycled Content Certification form.
9. Attached is the completed Contractor and Subcontractor Fingerprint Certification forms, if required.
10. Attached is the completed Drug-Free Workplace Certification form.
11. Attached is the completed Alcoholic Beverage and Tobacco Free Workplace Policy form.
12. Attached is the completed Public Works Contractor Registration Certification form.
13. Attached is the fully executed Non-Collusion Declaration form.
14. Attached is the fully completed Iran Contracting Act form.
15. Attached is the completed Executive Order N-6-22

Pursuant to Section 7103.5 of the Public Contract Code submitting a bid to the District, the bidder offers and agrees that if the bid is accepted, it will assign to District all rights, title, and interest in and to all causes of action it may have under Section 4 of the Clayton Act (15 U.S.C. Section 15) or under the Cartwright Act (Chapter 2 (commencing with Section 16700) of Part 2 of Division 7 of the Business and Professions Code), arising from purchases of goods, materials, or services by the bidder for sale to the purchasing body pursuant to the bid. Such assignment shall be made and become effective at the time the purchasing body tenders final payment to the bidder.

I hereby certify under penalty of perjury under the laws of the State of California, that all of the information submitted in connection with this Bid and all of the representations made herein are true and correct.

Name of Bidder _____

Signature _____

Name and Title _____

Dated _____

NOTE: If bidder is a corporation, the legal name of the corporation shall be set forth above together with the signatures of authorized officers or agents and the document shall bear the corporate seal; if bidder is a partnership, the true name of the firm shall be set forth above together with the signature of the partner or partners authorized to sign contracts on behalf of the partnership; and if bidder is an individual, his or her signature shall be placed above.

Business Address: _____

Place of Residence: _____

Telephone: () _____

DOCUMENT 00400

**CONTRACTOR'S CERTIFICATE REGARDING
WORKERS' COMPENSATION**

I am aware of the provisions of Section 3700 of the Labor Code which require every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of that code, and I will comply with such provisions before commencing the performance of the work of this Contract.

Name of Bidder _____

Signature _____

Name _____

Title _____

Dated _____

DOCUMENT 00410

BID BOND

KNOW ALL MEN BY THESE PRESENTS: THAT we, _____, as Principal, and _____, as Surety, are held and firmly bound unto the Madera Unified School District, hereinafter called the District, in the penal sum of _____ PERCENT (_____%) OF THE TOTAL AMOUNT OF THE BID of the Principal submitted to the said DISTRICT for the work described below for the payment of which sum in lawful money of the United States, well and truly to be made, we bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH that whereas the Principal has submitted the accompanying bid dated _____ 20____, for _____.

NOW, THEREFORE. The Principal shall not withdraw said bid within the period specified therein after the opening of the same, or, if no period be specified, within sixty (60) days after said opening; and, if the Principal be awarded the contract, and shall within the period specified therefor, or if no period be specified, within ten (10) consecutive calendar days after the Award of Contract (which date shall be the day following the governing board approval of the award) complete the prescribed forms are presented to him for signature enter into a written contract with the District in accordance with the bid as accepted and give bond with good and sufficient surety or sureties, as may be required, for the faithful performance and proper fulfillment of such contract and for the payment for labor and materials used for the performance of the contract, or in the event of the withdrawal of said bid within the period specified or the failure to enter into such contract and give such bonds within the time specified. If the Principal shall pay the District the difference between the amount specified in said bid and the amount for which the District may procure the required work and/or supplies, if the latter amount be in excess of the former, together with all costs incurred by the District in again calling for bids, then the above obligation shall be void and of no effect, otherwise to remain In full force and virtue.

Surety, for value received, hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of the contract on the call for bids, or to the work to be performed thereunder, or the specifications accompanying the same, shall in anywise affect its obligation under this bond, and It does hereby waive notice of any such change, extension of time, alteration or addition to the terms of said contract or the call for bids, or to the work, or to the specifications.

SAMPLE: BID BOND

IN WITNESS WHEREOF, the above-bound parties have executed this instrument under their several seals this ____ day of _____, 20__, the name and corporate seal of each corporate party being hereto affixed and these presents duly assigned by its undersigned representative, pursuant to authority of Its governing body.

(Corporate Seal)

Principal
By _____
Title _____

(Corporate Seal)

Surety
By _____
Attorney-in-Fact

(Attach Attorney-in-Fact Certificate)

Title _____

SAMPLE: BID BOND

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Company Name:		
Address:	Type of work:	
Phone:	CSLB No.:	Exp.
Fax:	DIR No.:	Exp.
Company Name:		
Address:	Type of work:	
Phone:	CSLB No.:	Exp.
Fax:	DIR No.:	Exp.
Company Name:		
Address:	Type of work:	
Phone:	CSLB No.:	Exp.
Fax:	DIR No.:	Exp.
Company Name:		
Address:	Type of work:	
Phone:	CSLB No.:	Exp.
Fax:	DIR No.:	Exp.
Company Name:		
Address:	Type of work:	
Phone:	CSLB No.:	Exp.
Fax:	DIR No.:	Exp.

DESIGNATION OF SUBCONTRACTORS

Company Name:	
Address:	Type of work:
Phone:	CSLB No.: Exp.
Fax:	DIR No.: Exp.
Company Name:	
Address:	Type of work:
Phone:	CSLB No.: Exp.
Fax:	DIR No.: Exp.
Company Name:	
Address:	Type of work:
Phone:	CSLB No.: Exp.
Fax:	DIR No.: Exp.

Name of Bidder _____

Signature _____

Name and Title _____

Dated _____

DESIGNATION OF SUBCONTRACTORS

DOCUMENT 00430

Article I. DVBE POLICY

A. DISABLED VETERAN BUSINESS ENTERPRISE PARTICIPATION GOAL

Submittals 24 hours after bid opening, Prime Bidder shall provide to Madera Unified Purchasing Department completed DVBE forms including (1) Contractor Good Faith Effort Worksheet and (2) Prime Bidder Certification of Disabled Veteran Business Enterprise Participation.

Definitions The term “Disabled Veteran Business Enterprise” (DVBE) means a business concern that is certified as a DVBE by the Office of Small and Minority Business.

The term “contract” means an agreement awarded by a school district in which all or part of the funding provided is required to meet DVBE Participation Goals or demonstrate that a good faith effort was made to meet the goal.

The term “bidder” means any person or persons, firm, partnership, corporation or combination thereof who makes an offer, competitive or noncompetitive, with the intent of forming a contract with one or more school districts.

Disabled Veterans In addition to the school districts contracting requirements, potential contractors seeking Business Enterprise to enter into contracts with school districts for labor, services, materials, supplies, Goals equipment, construction, alteration repair or improvement shall be required to meet a 3 percent participation goal for certified DVBE’s or demonstrate that a good faith effort was made to meet the goal.

A Business Enterprise with no opportunity for subcontracting or purchasing of supplies must provide a narrative and be able to demonstrate its inability to subcontract or purchase supplies if an audit occurs.

In order for any sole proprietorship, partnership, corporation or other enterprises to obtain certification or to be counted toward meeting the DVBE contract goals, such business concern must possess current and valid certification as a DVBE through the Office of Small and Minority Business.

For contracts awarded by competitive bid/RFP, a bidder should demonstrate fulfillment of this requirement at or prior to the time of bid opening in order to qualify as a responsive bidder. For contracts not awarded by competitive bid, a potential contractor should demonstrate fulfillment of this requirement prior to entering into the contract.

Any bidder meeting the 3 percent participation goal for DVBE’s may be eligible for award of a school district contract. If a bidder is unable to meet the 3 percent participation goal, the bidder may demonstrate a good faith effort by submitting documentation of the following actions:

- Contact was made with state agencies or with local DVBE organizations to identify DVBE’s;
- Advertising was published in trade papers and papers focusing on DVBE’S
- Invitations to bid were submitted to potential DVBE contractors; Available DVBE’s were considered.

DESIGNATION OF SUBCONTRACTORS

DVBE POLICY (continued)

The school district shall evaluate the effort made by the bidder to seek out and consider DVBE's as potential subcontractors, and/or material or equipment suppliers. In evaluating such effort, the school district should consider documentation of the actions specified above. Based on the evaluation, the school district may make a finding that the 3% DVBE participation goal or the good faith effort requirement has been met. The school district finding in this regard is subject to audit by OPSC. A bidder is eligible for award of a school district contract upon a finding by the school district that a 3% DVBE participation goal or good faith effort to meet the participation goal has been achieved.

If a bidder fails to meet either the goal, a good faith effort, or a narrative explaining its inability to meet the 3% goal, such bidder may be deemed not to be a responsive bidder for purposes of the school district's evaluation of an award of contract and may be ineligible for an award.

DVBE

II. SUBSTITUTIONS

Substitutions If awarded the contract, the successful bidder must use the DVBE subcontractor and/or supplier proposed in its bid unless the contractor requested a substitution from the school district prior to the execution of the contract and the District has approved such substitution. At a minimum, the request must include:

1. A written explanation of the reason for the substitution,
2. The identity of the person or firm substituted, and
3. Satisfactory evidence that the Contractor has made a good faith effort to satisfy DVBE contract participation certified in the bid.
4. The school district's approval or disapproval of the substitution is not to be construed as an excuse for noncompliance with any other provision of law including, but not limited to, the Subletting and Subcontracting Fair Practices Act or any other contract requirements relating to substitution of sub-contractors.
- 5.
6. FAILURE TO ADHERE TO AT LEAST THE DVBE PARTICIPATION PROPOSED BY THE SUCCESSFUL BIDDER MAY BE CAUSE FOR CONTRACT TERMINATION AND RECOVERY OF DAMAGES UNDER THE RIGHTS AND REMEDIES DUE THE DISTRICT UNDER THE DEFAULT SECTION OF THE CONTRACT.

DESIGNATION OF SUBCONTRACTORS

CONTRACTOR GOOD FAITH EFFORT WORKSHEET

This worksheet is to be used to assist the Contractor in meeting the 3% DVBE participation goal.

BIDDER NAME	BUSINESS ADDRESS	CONTACT PERSON
TELEPHONE NUMBER	SCHOOL DISTRICT	COUNTY

GENERAL INSTRUCTIONS:

This worksheet is to be used to assist you in meeting the 3 percent DVBE participation goal. If specific information is not provided for Parts I through III, you may not meet the test of the "Good Faith Effort" and may not so certify. If you are qualifying based on a "Good Faith Effort" include this form with your bid/proposal to the district.

PART I – CONTACTS

To identify DVBE sub-contractors/suppliers for participation in your bid/proposal, contact should be made with at least one of the following categories. It is recommended that you contact DVBE organizations.

CATEGORY	TELEPHONE NUMBER	DATE CONTACTED	PERSON CONTACTED
1. Office of Small and Minority Business (OSMB)	916/375-4940		
OSMB publishes a list of Disabled Veteran Business Enterprises Internet: http://www.dgs.ca.gov/osmb	916/322-5060		
2. The California Disabled Veterans Alliance Internet: www.cadvbe.org	916-446-3510		
3.. DVBE Organizations (List):			
***Write "recorded messages" if applicable			

DESIGNATION OF SUBCONTRACTORS

PART II – ADVERTISEMENTS You should make at least two (2) advertisements, one (1) in a paper that focuses on DVBE and one (1) in a trade paper. Advertisements should be published at least 14 days prior to bid/proposal opening; if you cannot advertise 14 days prior, advertise as soon as possible and provide an explanation. (Advertisements must be published in time to allow for a reasonable response). Advertisements should include that your firm is seeking DVBE participation, the project name and location, your firm's name, your firm's contact person, and phone number.

Attach copies of advertisements to this form.

FOCUS/TRADE PAPER NAME	CHECK ONE		DATE OF ADVERTISEMENT
	TRADE	Focus	

PART III – SOLICITATIONS List DVBE subcontractors/suppliers that were invited to bid. Use the following instructions to complete the remainder of this section (read the three columns as a sentence from left to right). If you need additional space to list DVBE solicitations, please use separate page and attach to this form.

IF THE DVBE	THEN.....	AND.....
was selected to participate	check "yes" in the "SELECTED" column, include the applicable dollar amount in Part III of the Form SAB 515PB	Include a copy of their DVBE letter from OSMB
Was not selected to participate	check "no" in the "SELECTED" column	State why in the "REASON NOT SELECTED" column
Did not respond to your solicitation	check the "NO RESPONSE" column	

DISABLED VETERANS BUSINESS ENTERPRISES CONTACTED	ELECTED		REASONS NOT SELECTED	RESPONSE
	YES	NO		

IMPORTANT NOTE:

PROJECT LISTINGS

Please be aware that certification of the "Good Faith Effort" may only be made by completing Parts I, II, and III on both sides of this form. A copy of this form must be retained by you and may be subject to a future audit.

CERTIFICATION

I _____ certify that I am the bidder's Chief Executive Officer and that I have made a diligent effort to ascertain the facts with regard to the representations made herein. Further, I acknowledge that the school district, not the SAB/OPSC, is responsible for determining compliance with the DVBE Program. In making this certification, I am aware of Section 12650 et. seq. of the Government Code providing for the imposition of treble damages for making false claims.

Signature of Chief Executive Officer	Date
--------------------------------------	------

III. CONTRACTOR CERTIFICATION OF DISABLED VETERAN

BUSINESS ENTERPRISE PARTICIPATION

To be completed by the Contractor

Page 1 of 2

A. ***PART I – IDENTIFICATION***

1.	BIDDER’S NAME	BUSINESS ADDRESS	TELEPHONE NUMBER
SCHOOL DISTRICT		COUNTY	

(i)

B. **GENERAL INSTRUCTIONS**

The District requires that all contracts awarded should meet a DVBE participation goal of not less than 3 percent of the contract amount or if your firm cannot meet the 3 percent DVBE participation goal, you should demonstrate a good faith effort to attempt to meet the 3 percent participation. The District is responsible to assure compliance with the DVBE program

PART II – METHOD OF COMPLIANCE WITH DVBE PARTICIPATION GOALS – Include this form and any other applicable documents listed in this table with your bid/proposal. Read the three columns in the table below as sentences from left to right. Check the appropriate box to indicate your method of committing the contract dollar amount. If no box can be checked, your bid/proposal may be deemed non-responsive and disqualified.

NOTE: Architectural, engineering, environmental, land surveying or construction management firms must indicate their method of compliance by marking the appropriate box A, B, C, or D after selection by the District and before the contract is signed.

PROJECT LISTINGS

-29-

1.YOUR BUSINESS ENTERPRISE	AND YOU	AND YOU
A. ف is Disabled Veteran owned and your force, will perform at least 3 percent of this contract	will include a copy of your DVBE letter from the office of Small Minority Business (OSMB).	
B. ف Is Disabled Veteran owned but is unable to perform the 3 percent of this contract with your forces	will use DVBE subcontractors/ suppliers to bring the contract participation to at least 3 percent	will include copy of each DVBE's letter from OSMB (including yours, if applicable).
C. ف is not Disabled Veteran owned	will use DVBE subcontractors/ suppliers for at least 3 percent of this contract	
D. ف is unable to meet the required Participation goals	will complete a Good Faith Effort to obtain DVBE participation	will include the form Prim Bidder's Good Faith Effort Worksheet

NOTE: An Office of Small and Minority Business (OSMB) letter must be attached for each DVBE participating in the contract. The DVBE letter is obtained by application through OSMB and must be provided at the time of bid opening. If the letter is not provided, the bid may be deemed non-responsive and may be ineligible for award of the contract.

IV. PART III – DVBE DOLLAR PARTICIPATION OF BID/PROPOSAL – Architectural, engineering, environmental, land surveying management firms complete this part after selection by the district and before the contract is signed.

Show deductive alternate(s) in parenthesis. For more alternates/base bids, use a separate page to show items.

- A. If your business enterprise is a DVBE, list in the appropriate column the D. Enter the dollar amount of the bid/proposal to be performed by non-DVBE firms. total dollar amount of your bid to be performed by your own participation. Note: This line is the sum of the prime and subcontractor(s) non-DVBE dollar participation.
- B. List all your DVBE subcontractors/suppliers. Enter in the appropriate E. Enter the Sum of the column totals from Line C and Line D. Note: Please be column the dollar amount for each of your subcontractors/suppliers. Aware that the final determination of DVBE compliance is made based on the contract amount resulting from the district's acceptance or rejection of alternates. Enter the total of Lines A and B for each column.

	Section 1.02 <i>BASE BID/PROPOSAL</i>		(a)Alternate #1	(b) Alternate #2	(c)ALTERNAT E #3 OR BASE BID B	(d) Alternate #4 Or base bid B	(E) (Modernizati on or Reconstructio n Only)
--	---	--	------------------------	-------------------------	--	--	---

A. Contractor, if DVBE (own participation)	\$	\$	\$		\$	\$	\$
B. DVBE Subcontractor or Supplier							
1.							
2.							
3.							
4.							
C. Subtotal (A & B)							
D. Non-DVBE							
E. Total Bid							

PROJECT LISTINGS

**DOCUMENT 00440
PROJECT LISTINGS**

A. LIST OF CURRENT PROJECTS

[**Duplicate Page if needed for listing additional current projects.**]

Project/Client:	Contact Person:
Email:	Phone:
Scope of work:	
Value of Contract:	Projected Completion Date:

Project/Client:	Contact Person:
Email:	Phone:
Scope of work:	
Value of Contract:	Projected Completion Date:

Project/Client:	Contact Person:
Email:	Phone:
Scope of work:	
Value of Contract:	Projected Completion Date:

Project/Client:	Contact Person:
Email:	Phone:
Scope of work:	
Value of Contract:	Projected Completion Date:

PROJECT LISTINGS

B. LIST OF COMPLETED PROJECTS - LAST THREE YEARS

[**Duplicate Page if needed for listing additional completed projects.**]

Please include only those projects which are similar enough to demonstrate Bidder's ability to perform the required Work.

Project/Client:	Contact Person:
Email:	Phone:
Scope of work:	
Value of Contract:	Completion Date:

Project/Client:	Contact Person:
Email:	Phone:
Scope of work:	
Value of Contract:	Completion Date:

Project/Client:	Contact Person:
Email:	Phone:
Scope of work:	
Value of Contract:	Completion Date:

Project/Client:	Contact Person:
Email:	Phone:
Scope of work:	
Value of Contract:	Completion Date:

PROJECT LISTINGS

DOCUMENT 00450

ASBESTOS-FREE MATERIALS CERTIFICATION

The undersigned declares that he or she is the person who executed the bid for the _____ (hereinafter referred to as the "Project"), and submitted it to the Madera Unified School District (hereinafter referred to as the "District") on behalf of _____ (hereinafter referred to as the "Contractor").

To the best of my knowledge, information and belief, in completing the Contractor's Work for the Project, no material furnished, installed or incorporated into the Project will contain, or in itself be composed of, any materials listed by the federal or state EPA or federal or state health agencies as a hazardous material.

Any disputes involving the question of whether or not material installed with asbestos-containing equipment is settled by electron microscopy; the cost of any such tests shall be paid by the Contractor.

All work or materials installed by the Contractor which is found to contain asbestos, or work or material installed with asbestos-containing equipment, will be immediately rejected and this work shall be removed and replaced by the Contractor at no additional cost to the District.

Decontamination and removal of work found to contain asbestos or work installed with asbestos-containing equipment shall be done only under supervision of a qualified consultant, knowledgeable in the field of asbestos abatement and accredited by the Environmental Protection Agency.

The ASBESTOS REMOVAL CONTRACTOR shall be an EPA accredited contractor qualified in the removal of asbestos and shall be chosen and approved by the Asbestos Consultant who shall have sole discretion and final determination in this matter.

The asbestos consultant shall be chosen and approved by the Construction Manager/Architect or the District who shall have sole discretion and final determination in this matter.

The work will be not accepted until asbestos contamination is reduced to levels deemed acceptable by the Asbestos Consultant.

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct.

Executed on this _____ day of _____, 20__ at _____.

Name of Contractor (Print or Type)

By _____
Signature Print Name

ASBESTOS-FREE MATERIALS CERTIFICATION

DOCUMENT 00460

RECYCLED CONTENT CERTIFICATION

The undersigned declares that he or she is the person who executed the bid for the _____ (hereinafter referred to as the "Project"), and submitted it to the Madera Unified School District (hereinafter referred to as the "District") on behalf of _____ hereinafter referred to as the "Contractor").

Pursuant to Public Contract Code Sections 12205 and 22152, all contractors are required to certify in writing under penalty of perjury the minimum (if not exact) percentage of recycled content in materials, goods, or supplies offered or products used in the performance of their contract, regardless of whether the product meets the required recycled product percentage as defined in Public Contract Code Section 12209. The recycled content shall include both post-consumer material and secondary material as defined in Public Contract Code Section 12200 shall apply.

I declare under penalty of perjury under the laws of the State of California that the following percentages of Post-consumer Material and Secondary Material is in the materials, goods or supplies offered for, or products used in, the performance of the Contract for the Project:

_____ % Post consumer Material _____ % Secondary Material.

Executed on this _____ day of _____, 20 at _____.

Name of Contractor (Print or Type)

By _____
Signature

Print Name

Title

RECYCLED CONTENT CERTIFICATION

CONTRACTOR & SUBCONTRACTOR FINGERPRINTING REQUIREMENTS

CONTRACTOR CERTIFICATION

With respect to the Contract dated _____ 20__ by and between Madera Unified School District ("District") and _____ ("Contractor"), Contractor hereby certifies to the District's governing board that it has completed the criminal background check requirements of Education Code Section 45125.1 and that none of its employees that may come in contact with District's pupils have been convicted of a violent felony listed in Penal Code section 667.5(e) or a serious felony listed in Penal Code section 1192.7(e).

Contractor's Representative _____ Date

CONTRACTOR EXEMPTION

Pursuant to Education Code sections 45125.1 and 45125.2, the Madera Unified School District ("District") has determined that _____ ("Contractor") is exempt from the criminal background check certification requirements for the Contract dated _____, 20__ by and between the District and Contractor ("Contract") because:

The Contractor's employees will have limited contact with District students during the course of the Contract;

Emergency or exceptional circumstances exist; or

With respect to contractors constructing, reconstructing, rehabilitating or repairing a school facility, as provided in Section 45125.2, the Contractor has agreed to ensure the safety of pupils at the school facility by the following method(s) specified in Section 45125.2: _____.

School District Official _____ Date

CONTRACTOR & SUBCONTRACTOR FINGERPRINTING REQUIREMENTS

CONTRACTOR & SUBCONTRACTOR FINGERPRINTING REQUIREMENTS

SUBCONTRACTOR'S CERTIFICATION

~~(For each subcontractor who will perform work on the Project, this form shall be submitted after the award of Contract, prior to the commencement of work.)~~

~~The Madera Unified School District ("District") entered into a Contract for services with _____ ("Contractor") on or about _____, 20____ ("Contract"). This certification is submitted by _____, a subcontractor to the Contractor for purposes of that Contract ("Subcontractor"). Subcontractor hereby certifies to the District's governing board that it has completed the criminal background check requirements of Education Code section 45125.1 and that none of its employees that may come in contact with District pupils have been convicted of a violent felony listed in Penal Code section 667.5(c) or a serious felony listed in Penal Code section 1192.7(c).~~

~~_____
Subcontractor's Representative _____ Date~~

SUBCONTRACTOR'S EXEMPTION

The Madera Unified School District ("District") entered into a Contract for services with _____ ("Contractor") on or about _____, 20____ ("Contract"). Pursuant to Education Code sections 45125.1 and 45125.2, the District has determined that _____, a subcontractor to the Contractor for purposes of that Contract ("Subcontractor"), is exempt from the criminal background check certification requirements for the Contract because:

The Subcontractor's employees will have limited contact with District students during the course of the Contract;

Emergency or exceptional circumstances exist; or

With respect to contractors constructing, reconstructing, rehabilitating or repairing a school facility, as provided in Section 45125.2, the Contractor and/or Subcontractor have agreed to ensure the safety of pupils at the school facility by the following method(s) specified in Section 45125.2: _____.

School District Official

Date

CONTRACTOR & SUBCONTRACTOR FINGERPRINTING REQUIREMENTS

DOCUMENT 00480

DRUG-FREE WORKPLACE CERTIFICATION

This Drug-Free Workplace Certification form is part of the Contract made by and between the Madera Unified School District (hereinafter referred to as the "District") and

_____ (hereinafter referred to as the "Contractor") for the _____ Project (hereinafter referred to as the "Project"). This form is required from all successful bidders pursuant to the Drug-Free Workplace Act of 1990 (Government Code Section 8350 et seq.) The Drug-Free Workplace Act of 1990 requires that every person or organization awarded a contract or grant for procurement of any property or service from any State agency must certify that it will provide a drug-free workplace by doing certain specified acts. In addition, the Act provides that each contract or grant awarded by a State agency may be subject to suspension of payments or termination, and the contractor or grantee may be subject to debarment from future contracting, if the contracting agency determines that specified acts have occurred.

Pursuant to Government Code Section 8355, every person or organization awarded a contract or grant from a State agency shall certify that it will provide a drug-free workplace by doing all of the following:

A. Publishing a statement notifying employees that the unlawful manufacture, distribution, dispensation, possession or use of a controlled substance is prohibited in their workplace and specifying actions which will be taken against employees for violations of the prohibition;

B. Establishing a drug-free awareness program to inform employees about all of the following:

1. The dangers of drug abuse in the workplace;
2. The person's or organization's policy of maintaining a drug-free workplace;
3. The availability of drug counseling, rehabilitation and employee-assistance programs; and
4. The penalties that may be imposed upon employees for drug abuse violations.

C. Requiring that each employee engaged in the performance of the contract or grant be given a copy of the statement required by subdivision "A," and that, as a condition of employment on the contract or grant, the employee agrees to abide by the terms of the statement.

CONTRACTOR & SUBCONTRACTOR FINGERPRINTING REQUIREMENTS

I, the undersigned, agree to fulfill the terms and requirements of the Drug-Free Workplace Act as it now exists or may hereinafter be amended. Particularly, I shall abide by Government Code Section 8355 when performing the Contract for the Project by:

- A. Publishing a statement notifying employees concerning the prohibition of controlled substance at my workplace;
- B. Establishing a drug-free awareness program; and
- C. Requiring that each employee engaged in the performance of the contract be given a copy of the statement required by Section 8355(a) and agree to abide by the terms of that statement.

I also understand that if the District determines that I have either: (a) made a false certification herein; or (b) violated this certification by failing to carry out the requirements of Section 8355, the Contract awarded herein is subject to termination, suspension of payments, or both. I further understand that if I violate the terms of the Drug-Free Workplace Act of 1990, I may be subject to debarment in accordance with the requirements of the Act.

I acknowledge that I am aware of the provisions of Government Code Section 8350 et seq., and hereby certify that I will adhere to the requirements of the Drug-Free Workplace Act of 1990.

Executed on this _____ day of _____,
20_____ at _____.

Name of Contractor (Print or Type)

By _____
Signature

Print Name

Title

DRUG-FREE WORKPLACE CERTIFICATION

DOCUMENT 00482

CONTRACTOR’S CERTIFICATE REGARDING ALCOHOLIC BEVERAGE and TOBACCO-FREE CAMPUS POLICY

The Contractor agrees that it will abide by and implement the District’s Alcoholic Beverage and Tobacco-Free Campus Policy, which prohibits the use of alcoholic beverages and tobacco products, at any time, on District-owned or leased buildings, on District property and in District vehicles. The Contractor shall procure signs stating “ALCOHOLIC BEVERAGE AND TOBACCO USE IS PROHIBITED” and shall ensure that these signs are prominently displayed in all entrances to school property at all times.

DATE: _____

_____ CONTRACTOR

By: _____

Signature _____

DOCUMENT 00485

PUBLIC WORKS CONTRACTOR REGISTRATION CERTIFICATION

If this bid is due on or after March 1, 2015, then pursuant to Labor Code sections 1725.5 and 1771.1, all contractors and subcontractors that wish to bid on, be listed in a bid proposal, or enter into a contract to perform public work must be registered with the Department of Industrial Relations. See <http://www.dir.ca.gov/Public-Works/PublicWorks.html> for additional information.

No bid will be accepted nor any contract entered into without proof of the contractor's and subcontractors' current registration with the Department of Industrial Relations to perform public work.

Bidder hereby certifies that it is aware of the registration requirements set forth in Labor Code sections 1725.5 and 1771.1 and is currently registered as a contractor with the Department of Industrial Relations.

Name of Bidder: _____

DIR Registration Number: _____

Bidder further acknowledges:

- (1) Bidder shall maintain a current DIR registration for the duration of the project.
- (2) Bidder shall include the requirements of Labor Code sections 1725.5 and 1771.1 in its contract with subcontractors and ensure that all subcontractors are registered at the time of bid opening and maintain registration status for the duration of the project.
- (3) Failure to submit this form or comply with any of the above requirements may result in a finding that the bid is non-responsive.

Name of Bidder _____

Signature _____

Name and Title _____

Dated _____

DOCUMENT 00490

NON-COLLUSION DECLARATION

The undersigned declares:

I am the _____ (*Title*) of _____ (*Firm*), the party making the foregoing bid.

The bid is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation. The bid is genuine and not collusive or sham. The bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid. The bidder has not directly or indirectly colluded, conspired, connived, or agreed with any bidder or anyone else to put in a sham bid, or to refrain from bidding. The bidder has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the bid price of the bidder or any other bidder, or to fix any overhead, profit, or cost element of the bid price, or of that of any other bidder. All statements contained in the bid are true. The bidder has not, directly or indirectly, submitted his or her bid price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, to any corporation, partnership, company association, organization, bid depository, or to any member or agent thereof to effectuate a collusive or sham bid, and has not paid, and will not pay, any person or entity for such purpose.

Any person executing this declaration on behalf of a bidder that is a corporation, partnership, joint venture, limited liability company, limited liability partnership, or any other entity, hereby represents that he or she has full power to execute, and does execute, this declaration on behalf of the bidder.

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct and that this declaration is executed on _____ (*Date*), at _____ (*City*), _____ (*State*).

By: _____

Printed Name: _____

Date: _____

DOCUMENT 00495
IRAN CONTRACTING ACT CERTIFICATION
(TO BE EXECUTED AND SUBMITTED WITH BID)
Public Contract Code Sections 2202-2208

Pursuant to Public Contract Code 2204.(a) A public entity shall require a person that is submits a bid or proposal to, or otherwise proposes to enter into or renew a contract with, a public entity with respect t a contract for goods or services of one million dollars (\$1,000,000) or ore to certify, at the time the bid is submitted or the contract is renewed, that the person is not identified on a list created pursuant to subdivision (b) of Section 2203 as a person engaging in investment activities in Iran described in subdivision (a) of Section 2202.5 or as a person described in subdivision 9b) of Section 2202.5, as applicable.

To comply with this requirement, please insert your company/entity and Federal ID number (if available) and complete **one** of the options below. Please note, California law established penalties for providing false certifications, including civil penalties equal to the greater of \$250,000 or twice the amount of the contract for which the false certification was made, contract termination and three-year ineligibility to bid on contract in accordance with Public Contract Code section 2205.

OPTION No.1 – CERTIFICATION

I, the official named below, certify I am duly authorized to execute this certification on behalf of the company/entity identified below, and the company/entity identified below is not on the current list of persons engaged in investment activities in Iran created by DGS and is not a financial institution extending twenty million dollars (\$20,000,000) or more in credit to another person or entity, for 45 days or more, if that other person or company/entity will use the credit to provide goods or services in the energy sector in Iran and is identified on the current list of persons engaged in investment activities in Iran created by DGS in accordance with subdivision (b) of Public Contract Code 2203

Company Name/Financial Institution (printed)

Federal ID Number (or n/a)

By (Authorized Signature)

Printed Name & Title of Person Signing

Date Executed

Executed in the County of _____ in

The State of _____

OPTION No.2 – EXEMPTION

Pursuant to Public Contract Code sections 2203(c) and (d), a public entity may permit a vendor/financial institution engaged in investment activities in Iran, on a case-by-case basis, to be eligible for, or to bid on, submit a proposal for, or enters into or renews, a contract for goods and services

If you have obtained an exemption from the certification requirement under the Iran Contracting Act, please fill out the information below and attach documentation demonstrating the exemption approval.

Vendor Name/Financial Institution (Printed)

Federal ID Number (or n/a)

By (Authorized Signature) _____

Printed Name & Title of Person Signing

Date Executed

DOCUMENT 00499
Notary Acknowledgment
(sample form)

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

STATE OF CALIFORNIA
 COUNTY OF _____

On _____, 20___, before me, _____, Notary Public, personally appeared _____, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature of Notary Public _____

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

CAPACITY CLAIMED BY SIGNER

DESCRIPTION OF ATTACHED DOCUMENT

- Individual
- Corporate Officer

_____ Title(s)

_____ Title or Type of Document

- Partner(s) Limited
- General

_____ Number of Pages

- Attorney-In-Fact
- Trustee(s)
- Guardian/Conservator
- Other:

_____ Date of Document

Signer is representing:
 Name Of Person(s) Or Entity(ies)

_____ Signer(s) Other Than Named Above

DOCUMENT 00500

CONTRACT

THIS CONTRACT is made this _____ day of _____, 20____, in the County of Madera, State of California, by and between the MADERA UNIFIED SCHOOL DISTRICT, hereinafter called District, and _____, hereinafter called Contractor. The District and the Contractor for the considerations stated herein agree as follows:

WHEREAS the District and the Contractor for the considerations stated herein agree as follows:

ARTICLE 1. SCOPE OF WORK. The Contractor shall perform all Work within the time stipulated the Contract and shall provide all labor, materials, equipment, tools, utility services, and transportation to complete all of the Work required in strict compliance with the Contract Documents as specified in Article 5 below for the following Project:

Bid No. 042623-TJ Kitchen Remodel

The Contractor and its surety shall be liable to the District for any damages arising as a result of the Contractor's failure to comply with this obligation, and the Contractor shall not be excused with respect to any failure to so comply by act or omission of the Construction Manager, Architect, Engineer, Inspector, Division of the State Architect, or representative of an of them, unless such act or omission actually prevents the Contractor from fully complying with the Contract Documents and the Contractor protests, in accordance with the Contract Documents that the act or omission is preventing the Contractor from fully complying with the Contract Documents. Such protest shall not be effective unless reduced to writing and filed with the District office within five (5) days of the date of occurrence of the act or omission preventing the Contractor from fully complying with the Contract Documents.

ARTICLE 2. TIME FOR COMPLETION. The Work shall be commenced on the date stated in the District's Notice to Proceed. The Contractor shall complete all Work required by the Contract Documents within **one-hundred twenty (120) calendar days** from the commencement date stated in the Notice to Proceed. By its signature hereunder, Contractor agrees the time for completion set forth above is adequate and reasonable to complete the Work.

ARTICLE 3. CONTRACT PRICE. The District shall pay to the Contractor as full compensation for the performance of the Contract, subject to any additions or deductions as provided in the Contract Documents, and including all applicable taxes and costs, the sum of _____ Dollars (\$ _____). Payment shall be made as set forth in the General Conditions.

ARTICLE 4. LIQUIDATED DAMAGES. The Contractor acknowledges that the District will sustain actual damages for each and every day completion of the Project is delayed beyond the Contract Time. Because of the nature of the Project, it would be impracticable or extremely difficult to determine the District's actual damages. Accordingly, as provided in Government

Code section 53069.85, it is agreed that the Contractor will pay the District the sum of **\$1,500.00** for each and every calendar day of delay in completing the Work beyond the time prescribed in the Contract Documents for finishing the Work, as Liquidated Damages and not as a penalty or forfeiture. In the event the Liquidated Damages are not paid, the Contractor agrees the District may deduct that amount from any money due or that may become due the Contractor under the Contract. This Article does not affect the District's rights to other damages or remedies specified in the Contract Documents or allowed by law.

Should Contractor be inexcusably delayed in the performance of the Work, District may deduct Liquidated Damages based on its estimate of when Contractor will achieve Final Completion or other milestones. District need not wait until Final Completion to withhold Liquidated Damages from Contractor.

Liquidated Damages are not a penalty but an agreed upon estimate of the actual damages that would be sustained by the District for delay, including but not limited to loss of revenue, inconvenience to the District and the public, and increased Project administration expenses, such as extra inspection, construction management, staff time and architectural and engineering expenses. Liquidated Damages do not include actual damages the District incurs on account of claims by third parties against the District on account of any delay.

Should money due or to become due to the Contractor be insufficient to cover Liquidated Damages or other offsets due, then Contractor forthwith shall pay the remainder of the assessed liquidated damages to District.

ARTICLE 5. COMPONENT PARTS OF THE CONTRACT. The "Contract Documents" include the following, all of which are component parts of this Contract as if herein set out in full or attached hereto:

- Notice Inviting Bids
- Information for Bidders
- Prime Point of Contact
- Bid Form
- Contractor's Certificate Regarding Workers' Compensation
- Bid Bond
- Designation of Subcontractors
- Project Listings
- Designation of DVBE Subcontractors
- Asbestos-Free Material Certification
- Drug-Free Workplace Certifications
- Alcohol and Tobacco Free Campus Certifications
- Recycled Content Certification
- Public Works Contractor Registration Certification
- Non-Collusion Declaration
- Iran Contracting Act Certification
- Executive Order N-6-22
- Contract

Performance Bond
Payment Bond
General Conditions
Special Conditions
Technical Specifications
Addenda
Plans and Drawings
Approved and fully executed change orders
Any other documents contained in or incorporated into the Contract

The Contractor shall complete the Work in strict accordance with all of the Contract Documents. All of the Contract Documents are intended to be complementary. Work required by one of the Contract Documents and not by others shall be done as if required by all. This Contract shall supersede any prior agreement of the parties.

ARTICLE 6. PROVISIONS REQUIRED BY LAW. Each and every provision of law required to be included in these Contract Documents shall be deemed to be included in these Contract Documents, which shall be read and enforced as though it were included herein. The Contractor shall comply with all requirements of the California Labor Code applicable to this Project.

ARTICLE 7. SUBSTITUTION OF SECURITIES. At the request and expense of the successful Bidder, the District will substitute securities for the amount so retained in accordance with Public Contract Code Section 22300.

ARTICLE 8. INDEMNIFICATION. Contractor shall provide indemnification as set forth in the General Conditions.

ARTICLE 9. PREVAILING WAGES. Contractor shall comply with the prevailing wage provisions of the California Labor Code and the prevailing wage rate determinations of the Department of Industrial Relations. These rates are on file at the District's Purchasing Department located at 1205 South Madera Avenue, Madera, CA 93637 or may be obtained online at <http://www.dir.ca.gov/dlsr>. A copy of these rates shall be posted at the job Site.

ARTICLE 10. RECORD AUDIT. In accordance with Government Code, Section 8546.7, records of both the District and the Contractor shall be subject to examination and audit by the Auditor General for a period of three (3) years after final payment.

IN WITNESS WHEREOF, this Contract has been duly executed by the above-named parties, on the day and year above written.

[NAME OF CONTRACTOR]

By _____

Name and Title: _____

License No. _____

(Corporate Seal)

MADERA UNIFIED SCHOOL DISTRICT

By _____

Its: _____

DOCUMENT 00600

PERFORMANCE BOND

KNOW ALL PERSONS BY THESE PRESENTS:

THAT WHEREAS, the Madera Unified School District (hereinafter referred to as "District") has awarded to _____, (hereinafter referred to as the "Contractor") _____ an agreement for _____ (hereinafter referred to as the "Project").

WHEREAS, the work to be performed by the Contractor is more particularly set forth in the Contract Documents for the Project dated _____, (hereinafter referred to as "Contract Documents"), the terms and conditions of which are expressly incorporated herein by reference; and

WHEREAS, the Contractor is required by said Contract Documents to perform the terms thereof and to furnish a bond for the faithful performance of said Contract Documents.

NOW, THEREFORE, we, _____, the undersigned Contractor and _____ as Surety, a corporation organized and duly authorized to transact business under the laws of the State of California, are held and firmly bound unto the District in the sum of _____ DOLLARS, (\$ _____), said sum being not less than one hundred percent (100%) of the total amount of the Contract, for which amount well and truly to be made, we bind ourselves, our heirs, executors and administrators, successors and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH, that, if the Contractor, his or its heirs, executors, administrators, successors or assigns, shall in all things stand to and abide by, and well and truly keep and perform the covenants, conditions and agreements in the Contract Documents and any alteration thereof made as therein provided, on its part, to be kept and performed at the time and in the manner therein specified, and in all respects according to their intent and meaning; and shall faithfully fulfill all obligations including the one-year guarantee of all materials and workmanship; and shall indemnify and save harmless the District, its officers and agents, as stipulated in said Contract Documents, then this obligation shall become null and void; otherwise it shall be and remain in full force and effect.

As a part of the obligation secured hereby and in addition to the face amount specified therefore, there shall be included costs and reasonable expenses and fees including reasonable attorney's fees, incurred by District in enforcing such obligation.

As a condition precedent to the satisfactory completion of the Contract Documents, unless otherwise provided for in the Contract Documents, the above obligation shall hold good for a period of one (1) year after the acceptance of the work by District, during which time if Contractor shall fail to make full, complete, and satisfactory repair and replacements and totally protect the District from loss or damage resulting from or caused by defective materials or faulty workmanship. The obligations of Surety hereunder shall continue so long as any obligation of

Contractor remains. Nothing herein shall limit the District's rights or the Contractor or Surety's obligations under the Contract, law or equity, including, but not limited to, California Code of Civil Procedure section 337.15.

Whenever Contractor shall be, and is declared by the District to be, in default under the Contract Documents, the Surety shall remedy the default pursuant to the Contract Documents, or shall promptly, at the District's option:

- (1) Take over and complete the Project in accordance with all terms and conditions in the Contract Documents; or
- (2) Obtain a bid or bids for completing the Project in accordance with all terms and conditions in the Contract Documents and upon determination by Surety of the lowest responsive and responsible bidder, arrange for a Contract between such bidder, the Surety and the District, and make available as work progresses sufficient funds to pay the cost of completion of the Project, less the balance of the contract price, including other costs and damages for which Surety may be liable. The term "balance of the contract price" as used in this paragraph shall mean the total amount payable to Contractor by the District under the Contract and any modification thereto, less any amount previously paid by the District to the Contractor and any other set offs pursuant to the Contract Documents.
- (3) Permit the District to complete the Project in any manner consistent with California law and make available as work progresses sufficient funds to pay the cost of completion of the Project, less the balance of the contract price, including other costs and damages for which Surety may be liable. The term "balance of the contract price" as used in this paragraph shall mean the total amount payable to Contractor by the District under the Contract and any modification thereto, less any amount previously paid by the District to the Contractor and any other set offs pursuant to the Contract Documents.

Surety expressly agrees that the District may reject any contractor or subcontractor which may be proposed by Surety in fulfillment of its obligations in the event of default by the Contractor.

Surety shall not utilize Contractor in completing the Project nor shall Surety accept a bid from Contractor for completion of the Project if the District, when declaring the Contractor in default, notifies Surety of the District's objection to Contractor's further participation in the completion of the Project.

The Surety, for value received, hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of the Contract Documents or to the Project to be performed thereunder shall in any way affect its obligations on this bond, and it does hereby waive notice of any such change, extension of time, alteration or addition to the terms of the Contract Documents or to the Project.

IN WITNESS WHEREOF, we have hereunto set our hands and seals this _____ day of _____, 20__.

CONTRACTOR/PRINCIPAL

Name

By _____

SURETY:

By: _____
Attorney-In-Fact

The rate of premium on this bond is _____ per thousand. The total amount of premium charges, \$ _____.
(The above must be filled in by corporate attorney.)

THIS IS A REQUIRED FORM

Any claims under this bond may be addressed to:

(Name and Address of Surety)

(Name and Address of Agent or Representative for service of process in California, if different from above)

(Telephone number of Surety and Agent or Representative for service of process in California)

DOCUMENT 00610

PAYMENT BOND

KNOW ALL MEN BY THESE PRESENTS that

WHEREAS, the Madera Unified School District (hereinafter designated as the "District"), by action taken or a resolution passed _____, 20____ has awarded to _____ hereinafter designated as the "Principal," a contract for the work described as follows:

(the "Project"); and

WHEREAS, said Principal is required to furnish a bond in connection with said contract; providing that if said Principal or any of its Subcontractors shall fail to pay for any materials, provisions, provender, equipment, or other supplies used in, upon, for or about the performance of the work contracted to be done, or for any work or labor done thereon of any kind, or for amounts due under the Unemployment Insurance Code or for any amounts required to be deducted, withheld, and paid over to the Employment Development Department from the wages of employees of said Principal and its Subcontractors with respect to such work or labor the Surety on this bond will pay for the same to the extent hereinafter set forth.

NOW THEREFORE, we, the Principal and _____ as Surety, are held and firmly bound unto the District in the penal sum of _____ Dollars (\$ _____) lawful money of the United States of America, for the payment of which sum well and truly to be made, we bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH that if said Principal, his or its subcontractors, heirs, executors, administrators, successors or assigns, shall fail to pay any of the persons named in Section 9100 of the Civil Code, fail to pay for any materials, provisions or other supplies, used in, upon, for or about the performance of the work contracted to be done, or for any work or labor thereon of any kind, or amounts due under the Unemployment Insurance Code with respect to work or labor performed under the contract, or for any amounts required to be deducted, withheld, and paid over to the Employment Development Department or Franchise Tax Board from the wages of employees of the contractor and his subcontractors pursuant to Section 18663 of the Revenue and Taxation Code, with respect to such work and labor the Surety or Sureties will pay for the same, in an amount not exceeding the sum herein above specified, and also, in case suit is brought upon this bond, all litigation expenses incurred by the District in such suit, including reasonable attorneys' fees, court costs, expert witness fees and investigation expenses.

This bond shall inure to the benefit of any of the persons named in Section 9100 of the Civil Code so as to give a right of action to such persons or their assigns in any suit brought upon this bond.

It is further stipulated and agreed that the Surety on this bond shall not be exonerated or released from the obligation of this bond by any change, extension of time for performance, addition, alteration or modification in, to, or of any contract, plans, specifications, or agreement pertaining or relating to any scheme or work of improvement herein above described, or pertaining or relating to the furnishing of labor, materials, or equipment therefore, nor by any change or modification of any terms of payment or extension of the time for any payment pertaining or

relating to any scheme or work of improvement herein above described, nor by any rescission or attempted rescission or attempted rescission of the contract, agreement or bond, nor by any conditions precedent or subsequent in the bond attempting to limit the right of recovery of claimants otherwise entitled to recover under any such contract or agreement or under the bond, nor by any fraud practiced by any person other than the claimant seeking to recover on the bond and that this bond be construed most strongly against the Surety and in favor of all persons for whose benefit such bond is given, and under no circumstances shall Surety be released from liability to those for whose benefit such bond has been given, by reason of any breach of contract between the owner or District and original contractor or on the part of any obligee named in such bond, but the sole conditions of recovery shall be that claimant is a person described in Section 9100 of the Civil Code, and has not been paid the full amount of his claim and that Surety does hereby waive notice of any such change, extension of time, addition, alteration or modification herein mentioned.

IN WITNESS WHEREOF, two (2) identical counterparts of this instrument, each of which shall for all purposes be deemed unoriginal thereof, have been duly executed by the Principal and Surety above named, on the ____ day of _____ 20____ the name and corporate seal of each corporate party being hereto affixed and these presents duly signed b its undersigned representative pursuant to authority of its governing body.

(Corporate Seal of Principal,
if corporation)

Principal (Property Name of Contractor)

By _____
(Signature of Contractor)

(Seal of Surety)

Surety

By _____
Attorney in Fact

(Attached Attorney-In-Fact
Certificate and Required
Acknowledgements)

*Note: Appropriate Notarial Acknowledgments of Execution by Contractor and surety and a power of Attorney MUST BE ATTACHED.

DOCUMENT 00700

GENERAL CONDITIONS

ARTICLE 1. DEFINITIONS

- a. Acceptable, Acceptance or words of similar import shall be understood to be the acceptance of the District Representative and/or the District .
- b. Act of God means an earthquake of at least a magnitude 3.5 on the Richter scale or tidal waves.
- c. Approval means written authorization by District Representative and/or District.
- d. Architect means the architect employed by District to provide architecture and related services for the Project.
- e. As Builts means drawings prepared by the Contractor that show the original design drawings revised to reflect any changes made in the field, i.e., design changes issued by change order, component relocations required for coordination, rerouting of distribution systems, etc., and that show the exact dimensions and locations of work that will be concealed during construction.
- f. Construction Manager means the construction manager, if any, employed by the District to provide construction management and related services for the Project.
- g. Contract or Contract Documents includes all contract documents as stated in the Contract.
- h. Day shall mean calendar day unless otherwise specifically designated.
- i. District and Contractor are those stated in the Contract. The terms District and Owner may be used interchangeably.
- j. District Representative shall mean **Rosalind Cox, Director of Facilities Planning and Construction Management**, or his/her designee, acting either directly or through properly authorized agents, such as agents acting within the scope of the particular duties entrusted to them. Also sometimes referred to as the “District’s Representative” or “Representative” in the Contract Documents.
- k. Equal, Equivalent, Satisfactory, Directed, Designated, Selected, As Required and similar words shall mean the written approval, selection, satisfaction, direction, or similar action of the District Representative and/or District.

- l. Indicated, Shown, Detailed, Noted, Scheduled or words of similar meaning shall mean that reference is made to the drawings, unless otherwise noted. It shall be understood that the direction, designation, selection, or similar import of the District Representative and/or District is intended, unless stated otherwise.
- m. Install means the complete installation of any item, equipment or material.
- n. Material shall include machinery, equipment, manufactured articles, or construction such as form work, fasteners, etc., and any other classes of material to be furnished in connection with the Contract. All materials shall be new unless specified otherwise.
- o. Perform shall mean that the Contractor, at Contractor's expense, shall take all actions necessary to complete The Work, including furnishing of necessary labor, tools, and equipment, and providing and installing Materials that are indicated, specified, or required to complete such performance.
- p. Project is The Work planned by District as provided in the Contract Documents.
- q. Provide shall include provide complete in place, that is furnish, install, test and make ready for use.
- r. Recyclable Waste Materials shall mean materials removed from the Project Site which are required to be diverted to a recycling center rather than an area landfill. Recyclable Waste Materials include asphalt, concrete, brick, concrete block, and rock.
- s. Required and words of similar meaning are used, it shall mean "as required to properly complete the work" as required by the Construction Manager, Architect and/or District, unless stated otherwise.
- t. Specifications means that portion of the Contract Documents consisting of the written requirements for materials, equipment, construction systems, standards and workmanship for the work.
- u. Site or Project Site is the lands and facilities upon which The Work is to be performed, including such access to other lands and facilities designated in the Contract Documents.
- v. Subcontractor as used herein, includes those having a direct contract with Contractor and one who furnishes material worked to a special design according to plans, drawings, and specifications of this work, but does not include one who merely furnishes material not so worked.
- w. Surety is the person, firm, or corporation, admitted as a California admitted surety, that executes as surety the Contractor's Performance Bond and Payment Bond for Public Works. Surety must be an admitted surety insurer pursuant to Code of Civil Procedure section 995.120.

- x. The Work means the entire improvement planned by the District pursuant to the Contract Documents.
- y. Work means labor, equipment and materials incorporated in, or to be incorporated in the construction covered by the Contract Documents.
- z. Worker includes laborer, worker, or mechanic, and any supervisors thereto.

ARTICLE 2. CONTRACT DOCUMENTS

- a. **Contract Documents.** The Contract Documents are complementary, and what is called for by one shall be as binding as if called for by all. The intention of the Contract Documents is to provide the District with complete and fully operational facilities as indicated and specified, including all labor and materials, equipment and transportation necessary for the proper execution of the Work. Materials or work described in words which as applied have a well-known technical or trade meaning shall be deemed to refer to such recognized standards.
- b. **Interpretations.** The Contract Documents are intended to be fully cooperative and to be complementary. If Contractor observes that any documents are in conflict, the Contractor shall promptly notify the District Representative in writing by submission of a Request for Information. The Request for Information procedure may not be used to request any changes which shall be adjusted as provided in the Contract Documents for changes in work. In case of conflicts between the Contract Documents, the order of precedence shall be as follows:
 - 1. Change Orders or Work Change Directives
 - 2. Addenda
 - 3. Special Provisions (or Special Conditions)
 - 4. Technical Specifications
 - 5. Plans (Contract Drawings)
 - 6. Contract
 - 7. General Conditions
 - 8. Project Listings
 - 9. Notice Inviting Bids
 - 10. Contractor's Bid Forms
 - 11. Standard Plans
 - 12. Reference Documents

With reference to the Drawings, the order of precedence shall be as follows:

- 1. Figures govern over scaled dimensions
- 2. Detail drawings govern over general drawings
- 3. Addenda or Change Order drawings govern over Contract Drawings
- 4. Contract Drawings govern over Standard Drawings

5. Contract Drawings govern over Shop Drawings
- c. **Conflicts in Contract Documents.** Notwithstanding the orders of precedence established above, in the event of conflicts, the higher standard shall always apply.
 - d. **Compliance with Applicable Laws.** Drawings and specifications are intended to comply with all laws, ordinances, rules and regulations of authorities having jurisdiction, and where referred to in the Contract Documents, said laws, ordinances, rules and regulations shall be considered as part of said Contract Documents within the limits specified.
 - e. **Addenda and Deferred Approvals.** Addenda shall govern over all other Contract Documents. Subsequent addenda issued shall govern over prior addenda only to the extent specified. In accordance with Titles 21 and 24 of the California Code of Regulations, addenda shall be approved by the Department of State Architect ("DSA"). The requirements approved by the DSA on any item submitted as a deferred approval in accordance with Titles 21 and 24 of the California Code of Regulations, shall take precedence over any previously issued addenda, drawing or specification.
 - f. **Organization of Contract Documents.** Organization of the Contract Documents into divisions, sections, and articles, and arrangement of drawings shall not control the Contractor in dividing The Work among subcontractors or in establishing the extent of Work to be performed by any trade.

ARTICLE 3. CONTRACTS DOCUMENTS: COPIES & MAINTENANCE

Contractor will be furnished, free of charge, at least one (1) copy of the Contract Documents (i.e., plans and specs). Additional copies may be obtained at cost of reproduction.

Contractor shall maintain a clean, undamaged set of Contract Documents at the Project Site.

ARTICLE 4. DETAIL DRAWINGS AND INSTRUCTIONS

- a. **Examination of Contract Documents.** Before commencing any portion of The Work, Contractor shall again carefully examine all applicable Contract Documents, the Project Site and other information given to Contractor as to materials and methods of construction and other Project requirements. Contractor shall immediately notify the District Representative of any potential error, inconsistency, ambiguity, conflict or lack of detail or explanation. If Contractor performs, permits, or causes the performance of any Work which is in error, inconsistent or ambiguous, or not sufficiently detailed or explained, Contractor shall bear any and all resulting costs, including, without limitation, the cost of correction. In no case shall the Contractor or any subcontractor proceed with Work if uncertain as to the applicable requirements.

- b. **Additional Instructions.** After notification of any error, inconsistency, ambiguity, conflict or lack of detail or explanation, the District Representative will provide any required additional instructions, by means of drawings or other written direction, necessary for proper execution of Work.
- c. **Quality of Parts, Construction and Finish.** All parts of The Work shall be of the best quality of their respective kinds and the Contractor must use all diligence to inform itself fully as to the required construction and finish. In no case shall Contractor proceed with The Work without obtaining first from the District Representative such Approval may be necessary for the proper performance of Work.
- d. **Contractor's Variation from Contract Document Requirements.** If it is found that the Contractor has varied from the requirements of the Contract Documents including the requirement to comply with all applicable laws, ordinances, rules and regulations, the District Representative may at any time, before or after completion of the Work, order the improper Work removed, remade or replaced by the Contractor at the Contractor's expense.

ARTICLE 5. EXISTENCE OF UTILITIES AT THE WORK SITE

- a. The District has endeavored to determine the existence of utilities at the Project Site from the records of the owners of known utilities in the vicinity of the Project. The positions of these utilities as derived from such records are shown on the Plans.
- b. No excavations were made to verify the locations shown for underground utilities. The service connections to these utilities are not shown on the plans. It shall be the responsibility of the Contractor to determine the exact location of all service connections. The Contractor shall make its own investigations, including but not limited to calling Underground Service Alert and exploratory excavations, to determine the locations and type of service connections, prior to commencing Work which could result in damage to such utilities. The Contractor shall immediately notify the District in writing of any utility discovered in a different position than shown on the Plans or which is not shown on the Plans.
- c. All water meters, water valves, fire hydrants, electrical utility vaults, telephone vaults, gas utility valves, and other subsurface structures shall be relocated or adjusted to final grade by the Contractor. Locations of existing utilities shown on the Plans are approximate and may not be complete. The Contractor shall be responsible for coordinating its Work with all utility companies during the construction of The Work.
- d. **Main or Trunkline Facilities**
 - i. Notwithstanding the above, pursuant to Section 4215 of the Government Code, as it may be amended from time to time, the District has the responsibility to identify, with reasonable accuracy, main or trunkline facilities on the plans and specifications.

In the event that main or trunkline utility facilities are not identified with reasonable accuracy in the plans and specifications made a part of the invitation for bids, District shall assume the responsibility for their timely removal, relocation, or protection. ii.

The Contractor shall be compensated by the District for the costs of locating and repairing damage not due to the failure of the Contractor to exercise reasonable care, and removing, relocating, protecting or temporarily maintaining such main or trunkline utility facilities not indicated with reasonable accuracy in the plans and specifications, and for equipment in the Project necessarily idled during such work.

iii. Alternatively, District may make changes in the alignment and grade of the work to obviate the necessity to remove, relocate, or temporarily maintain the utility, or District may make arrangements with the owner of the utility for such work to be done at no cost to the Contractor.

iv. The Contractor shall not be assessed a forfeiture for delay in completion of the Project when such delay is caused by the failure of the District or the owner of the utility to provide for the removal, relocation, protection or temporary maintenance of all such main or trunkline facilities not indicated with reasonable accuracy.

v. Nothing herein shall preclude the District from pursuing any appropriate remedy against the utility for delays which are the responsibility of the utility.

vi. Nothing herein shall be construed to relieve the utility from any obligation as required either by law or by contract to pay the cost of removal or relocation of existing utility facilities.

vii. If the Contractor while performing the Contract discovers utility facilities not identified by the District in the Contract plans or specifications, he shall immediately notify the District and utility in writing.

viii. The owner of the public utility shall have the sole discretion to perform repairs or relocation work or hire the Contractor to do such repairs or relocation work at a reasonable price.

e. **Other Utilities.** In case it should be necessary to remove, relocate, or temporarily maintain a utility because of interference with the work, the work on the utility shall be performed and paid for as follows:

i. When it is necessary to remove, relocate or temporarily maintain a service connection, the cost of which is not required to be borne by the owner thereof, the Contractor shall bear all expenses incidental to the work on the service connection. The work on the service connection shall be done in a manner satisfactory to the owner thereof; it being understood that the owner of the service connection has the option of doing such work with his own forces or permitting the work to be done by the Contractor.

ii. When it is necessary to remove, relocate, or temporarily maintain a utility which is in the position shown on the plans, the cost of which is not required to be borne by the owner thereof, the Contractor shall bear all expenses incidental to the work on the utility. The work on the utility shall be done in a manner satisfactory to the owner thereof; it being understood that the owner of the utility has the option of doing such work with his own forces or permitting the work to be done by the Contractor.

iii. When it is necessary to remove, relocate, or temporarily maintain a utility which is not shown on the plans or is in a position different from that shown on the plans and were it in the position shown on the plans would not need to be removed, relocated, or temporarily maintained, and the cost of which is not required to be borne by the owner thereof, the District will make arrangements with the owner of the utility for such work to be done at no cost to the Contractor, or will require the Contractor to do such work in accordance with the provisions herein or will make changes in the alignment and grade of the work to obviate the necessity to remove, relocate, or temporarily maintain the utility. Changes in alignment and grade will be ordered in accordance with the provisions herein.

iv. No representations are made that the obligations to move or temporarily maintain any utility and to pay the cost thereof is or is not required to be borne by the owner of such utility, and it shall be the responsibility of the Contractor to investigate to find out whether or not said cost is required to be borne by the owner of the utility. The right is reserved to governmental agencies and to owners of utilities to enter at any time upon any street, alley, right-of-way, or easement for the purpose of making changes in their property made necessary by the work and for the purpose of maintaining and making repairs to their property.

ARTICLE 6. PROJECT SCHEDULE

- a. **Estimated Schedule.** Unless otherwise directed in the Technical Specifications or Special Conditions, within ten (10) days after the issuance of the Notice to Proceed, Contractor shall prepare a Project schedule and shall submit this to the District Representative for Approval. The receipt or Approval of any schedules by the District Representative or the District shall not in any way relieve the Contractor of its obligations under the Contract Documents. The Contractor is fully responsible to determine and provide for any and all staffing and resources at levels which allow for good quality and timely completion of the Project. Contractor's failure to incorporate all elements of Work required for the performance of the Contract or any inaccuracy in the schedule shall not excuse the Contractor from performing all Work required for a completed Project within the specified Contract time period. If the required schedule is not received by the time the first payment under the Contract is due, Contractor shall not be paid until the schedule is received, reviewed and accepted by the District Representative.

- b. **Schedule Contents.** The schedule shall allow enough time for normal inclement weather, based on the total time period during which The Work will be ongoing and local climatological averages for the Project Site during that entire time period. The District may specify in the Special Conditions the minimum number of inclement weather days which must be included in the Project schedule. The schedule shall indicate the beginning and completion dates of all phases of construction; critical path for all critical, sequential time related activities; and “float time” for all “slack” or “gaps” in the non-critical activities. The schedule shall clearly identify all staffing and other resources which in the Contractor’s judgment are needed to complete the Project within the time specified for completion. Schedule duration shall match the Contract time. If the Work fails to meet the milestones stated in the Schedule, at any time, the Contractor shall submit to the District within forty-eight (48) hours, an explanation in writing as to why the Schedule is not being maintained as well as a recovery schedule indicating how the Contractor will make up the delay and get the Project back on Schedule. Schedules indicating early completion will be rejected.
- c. **Schedule Updates.** Contractor shall continuously update its construction schedule. Contractor shall submit an updated and accurate construction schedule to the District Representative whenever requested to do so by District Representative and with each progress payment request. If The District Representative may withhold progress payments or other amounts due under the Contract Documents if Contractor fails to submit an updated and accurate construction schedule (including failure to provide a recovery schedule when required).
- d. **Conflicts with Testing and/or School Functions.** In no event shall the Contractor conduct any work on the Project on dates on which testing of students is conducted and/or there is a school function which might be impacted by the Contractor’s operations on Site. The District or District’s representative will provide the Contractor with a schedule of test dates and/or school functions concurrent with the issuance of the notice to proceed for the Contract so that such events can be incorporated into the schedule.

ARTICLE 7. SUBSTITUTIONS

- a. Pursuant to Public Contract Code Section 3400(b) the District may make a finding that is described in the invitation for bids that designates certain products, things, or services by specific brand or trade name.
- b. Unless specifically designated in the Contract Documents, whenever any material, process, or article is indicated or specified by grade, patent, or proprietary name or by name of manufacturer, such Specifications shall be deemed to be used for the purpose of facilitating the description of the material, process or article desired and shall be deemed to be followed by the words “or equal.” Contractor may, unless otherwise stated, offer for substitution any material, process or article which shall be substantially equal or better in every respect to that so indicated or specified in the Contract Documents. However,

the District may have adopted certain uniform standards for certain materials, processes and articles.

- c. Unless otherwise specified in the Special Conditions, Contractor shall submit requests, together with substantiating data, for substitution of any “or equal” material, process or article no later than thirty-five (35) days after award of the Contract. To facilitate the construction schedule and sequencing, some requests may need to be submitted before thirty-five (35) days after award of Contract. Provisions regarding submission of “or equal” requests shall not in any way authorize an extension of time for performance of this Contract. If a proposed “or equal” substitution request is rejected, Contractor shall be responsible for providing the specified material, process or article. The burden of proof as to the equality of any material, process or article shall rest with the Contractor. The District has the complete and sole discretion to determine if a material, process or article is an “or equal” material, process or article that may be substituted.
- d. Data required to substantiate requests for substitutions of an “or equal” material, process or article data shall include a signed affidavit from the Contractor stating that, and describing how, the substituted “or equal” material, process or article is equivalent to that specified in every way except as listed on the affidavit. Substantiating data shall include any and all illustrations, specifications, and other relevant data including catalog information which describes the requested substituted “or equal” material, process or article, and substantiates that it is an “or equal” to the material, process or article. The substantiating data must also include information regarding the durability and lifecycle cost of the requested substituted “or equal” material, process or article. Failure to submit all the required substantiating data, including the signed affidavit, to the District in a timely fashion will result in the rejection of the proposed substitution.
- e. The Contractor shall bear all of the District’s costs associated with the review of substitution requests.
- f. The Contractor shall be responsible for all costs related to a substituted “or equal” material, process or article.
- g. Contractor is directed to the Special Conditions (if any) to review any findings made pursuant to Public Contract Code section 3400.

ARTICLE 8. SHOP DRAWINGS

- a. Contractor shall check and verify all field measurements and shall submit with such promptness as to provide adequate time for review and cause no delay in his own Work or in that of any other contractor, subcontractor, or worker on the Project, six (6) copies of all shop or setting drawings, calculations, schedules, and materials list, and all other provisions required by the Contract. Contractor shall sign all submittals affirming that submittals have been reviewed and approved by Contractor prior to submission to District Representative. Each signed submittal shall affirm that the submittal meets all the

requirements of the Contract Documents except as specifically and clearly noted and listed on the cover sheet of the submittal.

- b. Contractor shall make any corrections required by the District Representative, and file with the District Representative six (6) corrected copies each, and furnish such other copies as may be needed for completion of the Work. District Representative's approval of shop drawings shall not relieve Contractor from responsibility for deviations from the Contract Documents unless Contractor has, in writing, called District Representative's attention to such deviations at time of submission and has secured the District Representative's written Approval. District Representative's Approval of shop drawings shall not relieve Contractor from responsibility for errors in shop drawings.

ARTICLE 9. SUBMITTALS

- a. Contractor shall furnish to the District Representative for approval, prior to purchasing or commencing any Work, a log of all samples, material lists and certifications, mix designs, schedules, and other submittals, as required in the specifications. The log shall indicate whether samples will be provided in accordance with other provisions of this Contract.
- b. Contractor will provide a minimum of two (2) sets of samples and submittals, together with catalogs and supporting data required by the District Representative, to the District Representative within a reasonable time period to provide for adequate review and avoid delays in the Work.
- c. These requirements shall not authorize any extension of time for performance of this Contract. District Representative will check and approve such samples, but only for conformance with design concept of work and for compliance with information given in the Contract Documents. Work shall be in accordance with approved samples and submittals.
- d. If the District Representative's response results in a change in the Project, then such change shall be effected by a written change order.

ARTICLE 10. MATERIALS

- a. Except as otherwise specifically stated in the Contract Documents, Contractor shall provide and pay for all materials, labor, tools, equipment, water, lights, power, transportation, superintendence, temporary constructions of every nature, and all other services and facilities of every nature whatsoever necessary to execute and complete this Contract within specified time.
- b. Unless otherwise specified, all materials shall be new and the best of their respective kinds and grades as noted and/or specified, and workmanship shall be of good quality.

- c. Materials shall be furnished in ample quantities and at such times as to ensure uninterrupted progress of The Work and shall be stored properly and protected as required by the Contract Documents. Contractor shall be entirely responsible for damage or loss by weather or other causes to materials or Work.
- d. No materials, supplies, or equipment for Work under this Contract shall be purchased subject to any chattel mortgage or under a conditional sale or other agreement by which an interest therein or in any part thereof is retained by the seller or supplier. Contractor warrants good title to all material, supplies, and equipment installed or incorporated in the work and agrees upon completion of all work to deliver the Project, to the District free from any claims, liens, or charges.
- e. Materials shall be stored on the Project Site in such manner so as not to interfere with any operations of the District or any other third party or any other contractor performing work at the Site. On-Site storage space is limited. Contractor shall coordinate all material deliveries with District's Representative prior to delivery. Deliveries shall coincide closely with installation dates.
- f. Storage requirements must be reviewed and approved by the District's Representative. Materials may be stored only in those areas designated as storage areas by the District's Representative. Material stored on-Site without the approval of the District's Representative, or stored outside of designated areas, will be removed from Site and warehoused at the Contractor's expense. Contractor shall obtain a Professional Engineer's approval for loading limitations of stored material as required. Contractor will cooperate and move materials as may be required by the District's Representative, at no additional cost.
- g. Contractor shall maintain its storage area and shall keep its storage areas clean, safe and secure. All materials will be palletized and/or stored upon appropriate dunnage. Notwithstanding the assignment provisions of the Contract Documents, the District shall procure Builder's Risk insurance for the Project.
- h. Contractor shall be responsible for providing off-Site storage facilities for its own materials at its cost. The storage of materials and equipment at the Site shall be permitted only to the extent approved in advance by the District's Representative. District's Representative shall approve location of Contractor's items of plant and tools such as hoists, mixers, cutters, etc. in advance.
- i. The Contractor shall schedule all major deliveries through the District's Representative or such deliveries may be turned away from the Site. Deliveries must be made during normal working hours, 7:00 a.m. – 3:30 p.m., Monday through Friday. The District's Representative will not accept or unload any deliveries for Contractor. Contractor shall provide the District's Representative with a minimum of forty eight (48) hours notice of major deliveries to Project Site. The Contractor shall be responsible for any and all costs

resulting from deliveries made, or attempted to be made, during non-working or overtime hours.

- j. **Recyclable Waste Materials.** As required by applicable local waste reduction and recycling requirements, Contractor shall divert all Recyclable Waste Materials to appropriate recycling centers. Contractor will be required to submit weight tickets and written proof of diversion with its monthly progress payment requests. Contractor shall complete and execute any certification forms required by District or other applicable agencies to document Contractor's compliance with these diversion requirements. All costs incurred for these waste diversion efforts shall be the responsibility of the Contractor. Contractor shall make reasonable efforts to identify other waste materials which are recyclable or saleable but which are not subject to mandatory diversion prior to disposal, recycling, sale or other disposition, shall communicate the value thereof to the District Representative and request District instruction regarding disposition. In the event Contractor receives any income from the sale or recycling of such waste materials, the District may deduct payment in the actual amount of income from contract payments.

ARTICLE 11. CONTRACTOR'S SUPERVISION

Contractor shall continuously keep at the Project Site, a competent and experienced full-time Project superintendent approved by the District. Superintendent must be able to proficiently speak, read and write in English and shall be onsite whenever workers are present. Project superintendent shall represent Contractor in Contractor's absence and all directions given to the Project superintendent shall be as binding as if given to Contractor. Contractor shall continuously provide efficient supervision of the Project.

ARTICLE 12. WORKERS

- a. Contractor shall at all times enforce strict discipline and good order among its employees. Contractor shall not employ on the Project any unfit person or any one not skilled in the Work assigned to him or her.
- b. Any person in the employ of the Contractor whom the District may deem incompetent or unfit shall be dismissed from The Work and shall not be employed on this Project except with the written Approval of the District.

ARTICLE 13. FINGERPRINTING REQUIREMENTS

District shall determine the Fingerprinting requirements for the Project as set forth in the Special Conditions. The Project shall be governed by paragraph (a) or (b) below, depending on the Work involved in the Project.

a. Contracts For Construction, Reconstruction, Rehabilitation Or Repair Of A School Facility Involving More Than Limited Contact With Students.

If the District determines, based on the totality of the circumstances concerning the Project, that the Contractor and Contractor's employees are subject to the requirements of Education Code section 45125.2 pertaining to Contracts for Construction, Reconstruction, Rehabilitation or Repair of a School Facility because they will have contact other than limited contact with pupils, by execution of the Contract, the Contractor acknowledges that Contractor is entering into a contract for the construction, reconstruction, rehabilitation, or repair of a school facility where the Contractor and/or Contractor's employees will have more than limited contact with students and the services to be provided do not constitute an emergency or exceptional situation. In accordance with Education Code section 45125.2 the Contractor shall, at Contractor's own expense:

b. Contracts For Construction, Reconstruction Rehabilitation Or Repair Of A School Facility Involving Only Limited Contact With Students.

If the District determines based on the totality of the circumstances concerning the Project that the Contractor and Contractor's employees are subject to the requirements of Education Code section 45125.2 pertaining to Contracts for Construction, Reconstruction, Rehabilitation or Repair of a School Facility because they will have only limited contact with pupils, by execution of the Contract, the Contractor acknowledges that Contractor is entering into a contract for the construction, reconstruction, rehabilitation or repair of a school facility involving only limited contact with students. Accordingly, the parties agree that the following conditions apply to any work performed by the Contractor and/or Contractor's employees on a school site: (1) Contractor and/or Contractor's employees shall check in with the school office each day immediately upon arriving at the school site; (2) Contractor and/or Contractor's employees shall inform school office staff of their proposed activities and location at the school site; (3) Once at such location Contractor and/or Contractor's employees shall not change locations without contacting the school office; (4) Contractor and Contractor's employees shall not use student restroom facilities; and (5) If Contractor and/or Contractor's employees find themselves alone with a student, Contractor and Contractor's employees shall immediately contact the school office and request that a member of the school staff be assigned to the work location.

ARTICLE 14. CONTRACT SECURITY

Unless otherwise specified in Special Conditions, Contractor shall furnish a surety bond in an amount equal to one hundred percent (100%) of Contract Price as security for faithful performance of this Contract and shall furnish a separate bond in an amount at least equal to one hundred percent (100%) of the Contract Price as security for payment of persons performing labor and furnishing materials in connection with this Contract. Both the Payment and Performance Bonds must be executed by an admitted Surety, as defined in California Code of Civil Procedure Section 995.120. The Payment and Performance Bonds must be accompanied by the original or a certified copy of the unrevoked power of attorney or other appropriate instrument entitling or authorizing the person who executed the bond to do so. In addition, to the

extent required by law, the Payment and Performance Bonds must be accompanied by a certified copy of the certificate of authority of the insurer issued by the Insurance Commissioner of the State of California, a certificate from the Clerk of the County of Madera that the certificate of authority of the insurer has not been surrendered, revoked, cancelled, annulled, or suspended, or if it has that it has been renewed, and four copies of the insurer's most recent annual statement and quarterly statement filed with the Department of Insurance of the State of California. Aforesaid bonds shall be in form set forth in these Contract Documents. Upon request of Contractor, the District will consider and accepting multiple sureties on such bonds.

ARTICLE 15. SUBCONTRACTORS

- a. Contractor agrees to bind every subcontractor to the terms of the Contract Documents as far as such terms are applicable to subcontractor's portion of The Work. Contractor shall be as fully responsible to the District for the acts and omissions of its subcontractors and of persons either directly or indirectly employed by its subcontractors, as Contractor is for acts and omissions of persons directly employed by Contractor. Nothing contained in these Contract Documents shall create any contractual relationship between any subcontractor and the District. The District shall be deemed to be the third party beneficiary of the contract between the Contractor and the subcontractor.
- b. The District reserves the right to approve all subcontractors. The District's Approval of any subcontractor under this Contract shall not in any way relieve Contractor of its obligations in the Contract Documents.
- c. Substitution or addition of subcontractors shall be permitted only as authorized by the Subletting and Subcontracting Fair Practices Act pursuant to California Public Contract Code section 4100 et seq.

ARTICLE 16. PERMITS AND LICENSES

Permits and licenses necessary for prosecution of The Work shall be secured and paid for by Contractor, unless otherwise specified in the Contract Documents.

- a. Contractor shall obtain and pay for all other permits and licenses required for The Work, including excavation permit and for plumbing, mechanical and electrical work and for operations in or over public streets or right of way under jurisdiction of public agencies other than the District, all applicable environmental permits, approvals, and certifications including but not limited to certifications required by the United States Environmental Protection Agency's Lead Renovation, Repair, and Painting rule set forth at Title 40, Part 745 of the Code of Federal Regulations.
- b. The Contractor shall arrange and pay for all off-site inspection of the Work related to permits and licenses, including certification, required by the specifications, drawings, or by governing authorities, except for such off-site inspections delineated as the District's responsibility pursuant to the Contract Documents.

- c. Before Acceptance of the Project, the Contractor shall submit all licenses, permits, certificates of inspection and required approvals to the District.

ARTICLE 17. UTILITY USAGE

- a. All temporary utilities, including but not limited to electricity, water, gas, and telephone, used on the Work shall be furnished and paid for by Contractor. Contractor shall Provide necessary temporary distribution systems, including meters, if necessary, from distribution points to points on The Work where the utility is needed. Upon completion of The Work, Contractor shall remove all temporary distribution systems.
- b. Contractor shall provide necessary and adequate utilities and pay all costs for water, electricity, gas, oil, and sewer charges required for completion of the Project.
- c. All permanent meters Installed shall be listed in the Contractor's name until Project Acceptance.
- d. If the Contract is for construction in existing facilities, Contractor may, with prior written Approval of the District, use the District's existing utilities by compensating the District for utilities used by Contractor.
- e. Refer to Specification Section 01500 Construction Facilities and Temporary Controls of the Contract Documents for further information.

ARTICLE 18. INSPECTION FEES FOR PERMANENT UTILITIES

All inspection fees and other municipal charges for permanent utilities including, but not limited to, sewer, electrical, phone, gas, water, and irrigation shall be paid for by the District. Contractor shall be responsible for arranging the payment of such fees, but inspection fees and other municipal fees relating to permanent utilities shall be paid by the District. Contractor may either request reimbursement from the District for such fees, or shall be responsible for arranging and coordination with District for the payment of such fees.

ARTICLE 19. TRENCHES

- a. Trenches Five Feet or More in Depth. The Contractor shall submit to the District, in advance of excavation, a detailed plan showing the design of shoring, bracing, sloping or other provisions to be made for worker protection from the hazard of caving ground during the excavation of any trench or trenches five feet or more in depth. If the plan varies from shoring system standards, the plan shall be prepared by a registered civil or structural engineer. The plan shall not be less effective than the shoring, bracing, sloping, or other provisions of the Construction Safety Orders, as defined in the California Code of Regulations.
- b. Excavations Deeper than Four Feet. If work under this Contract involves digging trenches or other excavation that extends deeper than four feet below the surface,

Contractor shall promptly, and before the following conditions are disturbed, notify the District, in writing, of any:

- 1) Material that the Contractor believes may be material that is hazardous waste, as defined in Section 25117 of the Health and Safety Code, that is required to be removed to a Class I, Class II, or Class III disposal site in accordance with provisions of existing law.
- 2) Subsurface or latent physical conditions at the Site differing from those indicated.
- 3) Unknown physical conditions at the Site of any unusual nature, different materially from those ordinarily encountered and generally recognized as inherent in work of the character provided for in the Contract.

The District shall promptly investigate the conditions, and if it finds that the conditions do so materially differ, or do involve hazardous waste, and cause a decrease or increase in Contractor's cost of, or the time required for, performance of any part of The Work, shall issue a change order under the procedures described in the Contract Documents.

In the event that a dispute arises between the District and the Contractor as to whether the conditions materially differ, or involve hazardous waste, or cause a decrease or increase in the Contractor's cost of, or time required for, performance of any part of The Work, the Contractor shall not be excused from any scheduled completion date provided for by the Contract, but shall proceed with all Work to be performed under the Contract. Contractor shall retain any and all rights provided either by contract or by law which pertain to the resolution of disputes and protests between the parties.

ARTICLE 20. REMOVAL OF HAZARDOUS MATERIALS

Should Contractor encounter material reasonably believed to be polychlorinated biphenyl (PCB) or other toxic wastes and hazardous materials which have not been rendered harmless at the Project Site, the Contractor shall immediately stop work at the affected Project Site and shall report the condition to the District in writing. The District shall contract for any services required to directly remove and/or abate PCBs and other toxic wastes and hazardous materials, if required by the Project Site(s), and shall not require the Contractor to subcontract for such services. The Work in the affected area shall not thereafter be resumed except by written agreement of the District and Contractor.

ARTICLE 21. SANITARY FACILITIES

Contractor shall provide sanitary temporary toilet buildings for the use of all workers. All toilets shall comply with local codes and ordinances. Toilets shall be kept supplied with toilet paper, hand sanitizers and shall have workable door fasteners. Hand-wash stations shall also be provided and maintained accordingly. Toilets shall be serviced no less than once weekly and shall be present in a quantity of not less than 1 per 20 workers as required by CAL-OSHA

regulation. The toilets shall be maintained in a sanitary condition at all times. Use of toilet facilities in The Work under construction shall not be permitted. Any other Sanitary Facilities required by CAL-OSHA shall be the responsibility of the Contractor.

ARTICLE 22. AIR POLLUTION CONTROL

Contractor shall comply with all air pollution control rules, regulations, ordinances and statutes. All containers of paint, thinner, curing compound, solvent or liquid asphalt shall be labeled to indicate that the contents fully comply with the applicable material requirements. Without limiting the foregoing, Contractor must fully comply with all Applicable Laws, rules and regulations in furnishing or using equipment and/ or providing services, including but not limited to, emissions limits and permitting requirements imposed by the Air Quality Management District with jurisdiction over the Project and/ or California Air Resources Board (CARB). Contractor shall specifically be aware of the application of these limits and requirements to “portable equipment” which definition is considered to include any item of equipment with a fuel-powered engine. Contractor shall indemnify District against any fines or penalties imposed by the air quality management district, CARB, or any other governmental or regulatory agency for its violations of Applicable laws as well as those of its subcontractors or others for whom Contractor is responsible under its indemnity obligations provided for herein.

ARTICLE 23. COMPLIANCE WITH STATE STORM WATER PERMIT

- a. Contractor shall be required to comply with all aspects of the State Water Resources Control Board (State Water Board) Water Quality Order No. 2009-0009-DWQ, National Pollutant Discharge Elimination System General Permit for Storm Water Discharges Associated with Construction Activity (Permit) for all projects that involve construction on or disturbance of one acre or more of land or which are part of a larger common area of development.
- b. Contractor shall be responsible for filing the Notice of Intent (NOI) and for obtaining coverage under the Permit. This includes preparing and implementing a Storm Water Pollution Prevention Plan (SWPPP) for the Project site. Before any NOI, SWPPP, or other Permit related document may be submitted to the State Water Board or implemented on the Project site it must first be reviewed and approved by the District. Contractor shall include all costs of compliance with specified requirements in the Contract amount.
- c. The District retains the right to procure coverage under the Permit for the Project site if the Contractor fails to draft a satisfactory NOI or SWPPP or proceed in a manner that is satisfactory to the District. Any costs incurred by the District in procuring coverage under the Permit, or drafting an NOI or SWPPP shall be paid by the Contractor.
- d. Contractor shall be responsible for maintaining compliance with all aspects of the Permit during the course of the Project. Contractor shall provide copies of all reports and monitoring information to the District Representative. If the Contractor has failed or is

unable to maintain compliance with the Permit, the District reserves the right to implement its own SWPPP at the Project site, and hire additional contractors to maintain compliance. Whether Contractor has adequately maintained compliance with the Permit shall be the District's sole determination. Any costs incurred by the District in drafting and implementing a SWPPP, or otherwise maintaining compliance with the Construction General Permit shall be paid by the Contractor.

- e. In bidding on this Contract, it shall be Contractor's responsibility to evaluate and include in the contract amount the cost of procuring coverage under the Permit, preparing a SWPPP that is acceptable to the District, and complying with the SWPPP and any revisions to the SWPPP that become necessary during the course of construction.
- f. In addition to compliance with the Permit, Contractor shall comply with the lawful requirements of any applicable municipality, the District, drainage district, and other local agencies regarding discharges of storm water to the storm drain system or other watercourses under their jurisdiction, including applicable requirements in municipal storm water management programs.
- g. Storm, surface, nuisance, or other waters may be encountered at various times during construction of the Work. The Contractor, by submitting a Bid, hereby acknowledges that it has investigated the risk arising from such waters, has prepared its Bid accordingly, and assumes any and all risks and liabilities arising therefrom.
- h. Failure to comply with the Permit is a violation of federal and state law. Contractor hereby agrees to indemnify and hold harmless District, its officials, officers, agents, employees and authorized volunteers from and against any and all claims, demands, losses or liabilities of any kind or nature which District, its officials, officers, agents, employees and authorized volunteers may sustain or incur for noncompliance with the Permit arising out of or in connection with the Project, except for liability resulting from the sole established negligence, willful misconduct or active negligence of the District, its officials, officers, agents, employees or authorized volunteers. District may seek damages from Contractor for delay in completing the Contract in accordance with the Contract Documents, caused by Contractor's failure to comply with the Permit.

ARTICLE 24. CLEANING UP

- a. Contractor at all times shall keep premises free from debris such as waste, rubbish, and excess materials and equipment. Contractor shall not store debris under, in, or about the premises. Upon completion of Work, Contractor shall clean the interior and exterior of the building or improvement including fixtures, equipment, walls, floors, ceilings, roofs, window sills and ledges, horizontal projections, and any areas where debris has collected so surfaces are free from foreign material or discoloration. Contractor shall clean and polish all glass, plumbing fixtures, and finish hardware and similar finish surfaces and equipment and contractor shall also remove temporary fencing, barricades, planking and construction toilet and similar temporary facilities from Site. Contractor shall also clean

all buildings, asphalt and concrete areas to the degree necessary to remove oil, grease, fuel, or other stains caused by Contractor operations or equipment.

- b. Contractor shall fully clean up the Site at the completion of The Work. If the Contractor fails to immediately clean up at the completion of The Work, the District may do so and the cost of such clean up shall be charged back to the Contractor.

ARTICLE 25. LAYOUT AND FIELD ENGINEERING

All field engineering required for laying out The Work and establishing grades for earthwork operations shall be furnished by the Contractor at its expense. Layout shall be done by a registered civil engineer Approved by the District Representative. Any required “as-built” drawings of the Work shall be prepared by the registered civil engineer.

ARTICLE 26. EXCESSIVE NOISE

- a. The Contractor shall use only such equipment on the work and in such state of repair so that the emission of sound therefrom is within the noise tolerance level of that equipment as established by CAL-OSHA.
- b. The Contractor shall comply with the most restrictive of the following: (1) local sound control and noise level rules, regulations and ordinances and (2) the requirements contained in these Contract Documents, including hours of operation requirements. No internal combustion engine shall be operated on the Project without a muffler of the type recommended by the manufacturer. Should any muffler or other control device sustain damage or be determined to be ineffective or defective, the Contractor shall promptly remove the equipment and shall not return said equipment to the job until the device is repaired or replaced. Said noise and vibration level requirements shall apply to all equipment on the job or related to the job, including but not limited to, trucks, transit mixers or transit equipment that may or may not be owned by the Contractor.

ARTICLE 27. TESTS AND INSPECTIONS

- a. If the Contract Documents, the District Representative, or any instructions, laws, ordinances, or public authority require any part of The Work to be tested or Approved, Contractor shall provide the District Representative at least two (2) working days notice of its readiness for observation or inspection. If inspection is by a public authority other than the District, Contractor shall promptly inform the District of the date fixed for such inspection. Required certificates of inspection (or similar) shall be secured by Contractor. Costs for District testing and District inspection shall be paid by the District. Costs of tests for Work found not to be in compliance shall be paid by the Contractor.

- b. If any Work is done or covered up without the required testing or approval, the Contractor shall uncover or deconstruct the Work, and the Work shall be redone after completion of the testing at the Contractor's cost in compliance with the Contract Documents.
- c. Where inspection and testing are to be conducted by an independent laboratory or agency, materials or samples of materials to be inspected or tested shall be selected by such laboratory or agency, or by the District, and not by Contractor. All tests or inspections of materials shall be made in accordance with the commonly recognized standards of national organizations.
- d. In advance of manufacture of materials to be supplied by Contractor which must be tested or inspected, Contractor shall notify the District so that the District may arrange for testing at the source of supply. Any materials which have not satisfactorily passed such testing and inspection shall not be incorporated into The Work.
- e. If the manufacture of materials to be inspected or tested will occur in a plant or location outside the geographic limits of District, the Contractor shall pay for any excessive or unusual costs associated with such testing or inspection, including but not limited to excessive travel time, standby time and required lodging.
- f. Reexamination of Work may be ordered by the District. If so ordered, Work must be uncovered or deconstructed by Contractor. If Work is found to be in accordance with the Contract Documents, the District shall pay the costs of reexamination and reconstruction. If such work is found not to be in accordance with the Contract Documents, Contractor shall pay all costs.

ARTICLE 28. PROTECTION OF WORK AND PROPERTY

- a. The Contractor shall be responsible for all damages to persons or property that occur as a result of The Work. Contractor shall be responsible for the proper care and protection of all materials delivered and Work performed until completion and final Acceptance by the District. All Work shall be solely at the Contractor's risk. Contractor shall adequately protect adjacent property from settlement or loss of lateral support as necessary. Contractor shall comply with all applicable safety laws and building codes to prevent accidents or injury to persons on, about, or adjacent to the Project Site where Work is being performed. Contractor shall erect and properly maintain at all times, as required by field conditions and progress of work, all necessary safeguards, signs, barriers, lights, and watchmen for protection of workers and the public, and shall post danger signs warning against hazards created in the course of construction.
- b. In an emergency affecting safety of life or of work or of adjoining property, Contractor, without special instruction or authorization from the District Representative, is hereby permitted to act to prevent such threatened loss or injury; and Contractor shall so act, without appeal, if so authorized or instructed by the District Representative or the

District. Any compensation claimed by Contractor on account of emergency work shall be determined by and agreed upon by the District and the Contractor.

- c. Contractor shall provide such heat, covering, and enclosures as are necessary to protect all Work, materials, equipment, appliances, and tools against damage by weather conditions.
- d. Contractor shall take adequate precautions to protect existing sidewalks, curbs, pavements, utilities, and other adjoining property and structures, and to avoid damage thereto, and Contractor shall repair any damage thereto caused by The Work operations. Contractor shall:
 - 1) Enclose working area with a substantial barricade, and arrange work to cause minimum amount of inconvenience and danger to the public.
 - 2) Provide substantial barricades around any shrubs or trees indicated to be preserved.
 - 3) Deliver materials to the Project Site over a route designated by the District Representative.
 - 4) Provide any and all dust control required and follow the Applicable air quality regulations as appropriate. If the Contractor does not comply, the District shall have the immediate authority to provide dust control and deduct the cost from payments to the Contractor.
 - 5) Confine Contractor's apparatus, the storage of materials, and the operations of its workers to limits required by law, ordinances, permits, or directions of the District Representative. Contractor shall not unreasonably encumber the Project Site with its materials.
 - 6) Take care to prevent disturbing or covering any survey markers, monuments, or other devices marking property boundaries or corners. If such markers are disturbed by accident, they shall be replaced by an approved civil engineer or land surveyor, at no cost to the District.

ARTICLE 29. CONTRACTORS MEANS AND METHODS

Contractor is solely responsible for the means and methods utilized to Perform The Work. In no case shall the Contractor's means and methods deviate from commonly used industry standards.

ARTICLE 30. AUTHORIZED REPRESENTATIVES

The District shall designate representatives, who shall have the right to be present at the Project Site at all times. The District may designate an inspector who shall have the right to observe all of the Contractor's Work. The inspector is not authorized to make changes in the Contract

Documents. The inspector shall not be responsible for the Contractor's failure to carry out The Work in accordance with the Contract Documents. Contractor shall provide safe and proper facilities for such access.

ARTICLE 31. PROHIBITION ON HARASSMENT

The District is committed to providing a campus and workplace free of sexual harassment and harassment based on factors such as race, color, religion, national origin, ancestry, age, medical condition, marital status, disability or veteran status. Harassment includes without limitation, verbal, physical or visual conduct which creates an intimidating, offensive or hostile environment such as racial slurs, ethnic jokes, posting of offensive statements, posters or cartoons or similar conduct.

The Contractor shall adopt and implement all appropriate and necessary policies prohibiting any form of discrimination in the workplace, including without limitation harassment on the basis of any classification protected under local, state or federal law, regulation or policy. The Contractor shall take all reasonable steps to prevent harassment from occurring, including without limitation affirmatively raising the subject of harassment among its employees, expressing strong disapproval of any form of harassment, developing appropriate sanctions, informing employees of their right to raise and how to raise the issue of harassment and informing complainants of the outcome of an investigation into a harassment claim. The Contractor shall require that any subcontractor performing any portion of the work on the Project to adopt and implement policies in conformity with this Article.

The Contractor shall not permit any person, whether employed by the Contractor, a subcontractor, sub-subcontractor, or any other person or entity, performing any work on the Project at or about the Site to engage in any prohibited form of harassment. Any such person engaging in a prohibited form of harassment directed to any individual performing or providing any portion of The Work at or about the Site shall be subject to appropriate sanctions in accordance with the Contractor's anti-harassment policy adopted and implemented pursuant to this Article. Any person performing or providing work on the Project on or about the Site who engages in a prohibited form of harassment directed to any student, faculty member or staff of the District or directed to any other person on or about the Site shall be subject to immediate removal and shall be prohibited thereafter from providing or performing any portion of The Work on the Project.

ARTICLE 32. HOURS OF WORK

- a. Eight (8) hours of work shall constitute a legal day's work. The Contractor and each subcontractor shall forfeit, as penalty to the District, twenty-five dollars (\$25) for each worker employed in the execution of Work by the Contractor or any subcontractor for each day during which such worker is required or permitted to work more than eight (8) hours in any one day and forty (40) hours in any week in violation of the provisions of the Labor Code, and in particular, Section 1810 to Section 1815, except that work may be performed by employees of the Contractor and his subcontractors in excess of eight hours

per day at not less than one and one-half times the basic rate of pay, as provided in Labor Code Section 1815.

- b. Work shall be accomplished on a regularly scheduled eight (8) hour per day work shift basis, Monday through Friday, between the hours of 7:00 a.m. and 5:00 p.m., unless specifically approved in writing by the District Representative.
- c. It shall be unlawful for any person to operate, permit, use, or cause to operate any of the following at the Project Site, other than between the hours of 7:00 a.m. to 5:00 p.m., Monday through Friday, with no Work allowed on District-observed holidays, unless otherwise specifically approved in writing by the District Representative:
 - 1) Powered Vehicles
 - 2) Construction Equipment
 - 3) Loading and Unloading Vehicles
 - 4) Domestic Power Tool.

ARTICLE 33. PAYROLL RECORDS

- a. Pursuant to Labor Code Section 1776, the Contractor and each subcontractor shall maintain weekly certified payroll records showing the name, address, social security number, work classification, straight time and overtime hours paid each day and week, and the actual per diem wages paid to each journeyman, apprentice, worker or other employee employed in connection with the work. Contractor shall certify under penalty of perjury that records maintained and submitted by Contractor are true and accurate. Contractor shall also require subcontractor(s) to certify weekly payroll records under penalty of perjury.
- b. In accordance with Labor Code section 1771.4, the Contractor and each subcontractor shall furnish the certified payroll records directly to the Department of Industrial Relations (“DIR”) on a weekly basis and in the format prescribed by the DIR, which may include electronic submission. Contractor shall comply with all requirements and regulations from the DIR relating to labor compliance monitoring and enforcement.
- c. The payroll records described herein shall be certified and submitted by the Contractor at a time designated by the District. The Contractor shall also provide the following:
 - 1) A certified copy of the employee’s payroll records shall be made available for inspection or furnished to such employee or his or her authorized representative on request.
 - 2) A certified copy of all payroll records described herein shall be made available for inspection or furnished upon request of the DIR.

- d. Unless submitted electronically, the certified payroll records shall be on forms provided by the Division of Labor Standards Enforcement (“DLSE”) of the DIR or shall contain the same information as the forms provided by the DLSE.
- e. Any copy of records made available for inspection and furnished upon request to the public shall be marked or obliterated in such a manner as to prevent disclosure of an individual’s name, address, and social security number. The name and address of the Contractor or any subcontractor shall not be marked or obliterated.
- f. In the event of noncompliance with the requirements of this Section, the Contractor shall have ten (10) days in which to comply subsequent to receipt of written notice specifying any item or actions necessary to ensure compliance with this section. Should noncompliance still be evident after such ten (10) day period, the Contractor shall, as a penalty to the District, forfeit One Hundred Dollars (\$100.00) for each day, or portion thereof, for each worker until strict compliance is effectuated. Upon the request of the DIR, such penalties shall be withheld from contract payments.

ARTICLE 34. PREVAILING RATES OF WAGES

- a. The Contractor is aware of the requirements of Labor Code Sections 1720 et seq. and 1770 et seq., as well as California Code of Regulations, Title 8, Section 16000 et seq. (“Prevailing Wage Laws”), which require the payment of prevailing wage rates and the performance of other requirements on certain “public works” and “maintenance” projects. Since this Project involves an applicable “public works” or “maintenance” project, as defined by the Prevailing Wage Laws, and since the total compensation is \$1,000 or more, Contractor agrees to fully comply with such Prevailing Wage Laws. The Contractor shall obtain a copy of the prevailing rates of per diem wages at the commencement of this Agreement from the website of the Division of Labor Statistics and Research of the Department of Industrial Relations located at www.dir.ca.gov/dlsr/. In the alternative, the Contractor may view a copy of the prevailing rates of per diem wages at the District. Contractor shall make copies of the prevailing rates of per diem wages for each craft, classification or type of worker needed to perform work on the Project available to interested parties upon request, and shall post copies at the Contractor’s principal place of business and at the Project Site. Contractor shall defend, indemnify and hold the District, its elected officials, officers, employees and agents free and harmless from any claims, liabilities, costs, penalties or interest arising out of any failure or allege failure to comply with the Prevailing Wage Laws.
- b. The Contractor and each subcontractor shall forfeit as a penalty to the District not more than Two Hundred Dollars (\$200.00) for each calendar day, or portion thereof, for each worker paid less than the stipulated prevailing wage rate for any work done by him, or by any subcontract under him, in violation of the provisions of the Labor Code. The difference between such stipulated prevailing wage rate and the amount paid to each worker for each calendar day or portion thereof for which each worker was paid less than the stipulated prevailing wage rate shall be paid to each worker by the Contractor.

- c. Contractor shall post, at appropriate conspicuous points on the Project Site, a schedule showing all determined general prevailing wage rates and all authorized deductions, if any, from unpaid wages actually earned.
- d. As a further material part of this Contract, Contractor agrees to hold harmless and indemnify the District, its Board and each member of the Board, its officers, employees and agents from any and all claims, liability, loss, costs, damages, expenses, fines and penalties, of whatever kind or nature, including all costs of defense and attorneys' fees, arising from any alleged failure of Contractor or its subcontractors to comply with the prevailing wage laws of the State of California. If the District or any of the indemnified parties are named as a party in any dispute arising from the failure of Contractor or its subcontractors to pay prevailing wages, Contractor agrees that the District and the other indemnified parties may appoint their own independent counsel, and Contractor agrees to pay all attorneys' fees and defense costs of the District and the other indemnified parties as billed, in addition to all other damages, fines, penalties and losses incurred by the District and the other indemnified parties as a result of the action.

ARTICLE 35. PUBLIC WORKS CONTRACTOR REGISTRATION

Pursuant to Labor Code sections 1725.5 and 1771.1, the Contractor and its subcontractors must be registered with the Department of Industrial Relations prior to the execution of a contract to perform public works. By entering into this Contract, Contractor represents that it is aware of the registration requirement and is currently registered with the DIR. Contractor shall maintain a current registration for the duration of the Project. Contractor shall further include the requirements of Labor Code sections 1725.5 and 1771.1 in any subcontract and ensure that all subcontractors are registered at the time this Contract is entered into and maintain registration for the duration of the Project.

ARTICLE 36. EMPLOYMENT OF APPRENTICES

The Contractor's attention is directed to the provisions of Sections 1777.5, 1777.6, and 1777.7 of the Labor Code concerning employment of apprentices by the Contractor or any subcontractor. The Contractor shall obtain a certificate of apprenticeship before employing any apprentice pursuant to Section 1777.5, 1777.6, and 1777.7 of the Labor Code. Information relative to apprenticeship standards, wage schedules, and other requirements may be obtained from the Director of Industrial Relations, the Administrator of Apprenticeships, San Francisco, California, or from the Division of Apprenticeship Standards and its branch offices. Knowing violations of Section 1777.5 will result in forfeiture not to exceed \$100 for each calendar day of non-compliance pursuant to Section 1777.7.

ARTICLE 37. NONDISCRIMINATION/EQUAL EMPLOYMENT OPPORTUNITY

Pursuant to Labor Code Section 1735 and other applicable provisions of law, the Contractor and its subcontractors shall not discriminate against any employee or applicant for employment because of race, color, religion, sex, national origin, age, political affiliation, marital status, or

handicap on this Project. The Contractor will take affirmative action to insure that employees are treated during employment or training without regard to their race, color, religion, sex, national origin, age, political affiliation, marital status, or handicap.

ARTICLE 38. DEBARMENT OF CONTRACTORS AND SUBCONTRACTORS

Contractors or subcontractors may not perform work on a public works project with a subcontractor who is ineligible to perform work on a public project pursuant to Labor Code Section 1777.1 or 1777.7. Any contract on a public works project entered into between a contractor and a debarred subcontractor is void as a matter of law. A debarred subcontractor may not receive any public money for performing work as a subcontractor on a public works contract. Any public money that is paid, or may have been paid to a debarred subcontractor by a contractor on the project shall be returned to the District. The Contractor shall be responsible for the payment of wages to workers of a debarred subcontractor who has been allowed to work on the project.

ARTICLE 39. LABOR/EMPLOYMENT SAFETY

The Contractor shall maintain emergency first aid treatment for his employees which complies with the Federal Occupational Safety and Health Act of 1970 (29 U.S.C. § 651 et seq.), and California Code of Regulations, Title 8, Industrial Relations Division 1, Department of Industrial Relations, Chapter 4.

ARTICLE 40. WORKERS' COMPENSATION INSURANCE

The Contractor shall provide, during the life of this Contract, workers' compensation insurance for all of the employees engaged in Work under this Contract, on or at the Project Site, and, in case any of sublet Work, the Contractor shall require the subcontractor similarly to provide workers' compensation insurance for all the latter's employees as prescribed by State law. Any class of employee or employees not covered by a subcontractor's insurance shall be covered by the Contractor's insurance. In case any class of employees engaged in work under this Contract, on or at the Project Site, is not protected under the Workers' Compensation Statutes, the Contractor shall provide or shall cause a subcontractor to provide, adequate insurance coverage for the protection of such employees not otherwise protected. The Contractor is required to secure payment of compensation to his employees in accordance with the provisions of Section 3700 of the Labor Code. The Contractor shall file with the District certificates of his insurance protecting workers. Company or companies providing insurance coverage shall be acceptable to the District, if in the form and coverage as set forth in the Contract Documents. Contractor shall provide a Waiver of Subrogation in favor of the District and its parties.

ARTICLE 41. EMPLOYER’S LIABILITY INSURANCE

Contractor shall provide during the life of this Contract, Employer’s Liability Insurance, including Occupational Disease, in the amount of, at least, one million dollars (\$1,000,000.00) per person per accident. Contractor shall provide District with a certificate of Employer’s Liability Insurance. Such insurance shall comply with the provisions of the Contract Documents. The policy shall be endorsed, if applicable, to provide a Borrowed Servant/Alternate Employer Endorsement and contain a Waiver of Subrogation in favor of the District.

ARTICLE 42. COMMERCIAL GENERAL LIABILITY INSURANCE

- a. Contractor shall procure and maintain during the life of this Contract and for such other period as may be required herein, at its sole expense, Commercial General Liability insurance coverage, including but not limited to, premises liability, contractual liability, products/completed operations if applicable, personal and advertising injury – which may arise from or out of Contractor’s operations, use, and management of the Project Site, or the performance of its obligations hereunder. Policy limits shall not be less than one million dollars (\$1,000,000.00) per occurrence for bodily injury, personal injury and property damage. If Commercial General Liability Insurance or other form with a general aggregate limit is used, either the general aggregate limit shall apply separately to this project/location or the general aggregate limit shall be twice the required occurrence limit.
- b. Such policy shall comply with all the requirements of the Contract Documents. The limits set forth herein shall apply separately to each insured against whom claims are made or suits are brought, except with respect to the limits of liability. Further the limits set forth herein shall not be construed to relieve the Contractor from liability in excess of such coverage, nor shall it limit Contractor’s indemnification obligations to the District, and shall not preclude the District from taking such other actions available to the District under other provisions of the Contract Documents or law.
- c. Contractor shall make certain that any and all subcontractors hired by Contractor are insured in accordance with this Contract. If any subcontractor’s coverage does not comply with the foregoing provisions, Contractor shall indemnify and hold the District harmless from any damage, loss, cost, or expense, including attorneys’ fees, incurred by the District as a result thereof.
- d. Company or companies providing insurance coverage shall be acceptable to the District and authorized to conduct business in the State of California.
- e. All general liability policies provided pursuant to the provisions of this Article shall comply with the provisions of the Contract Documents.
- f. All general liability policies shall be written to apply to all bodily injury, including death, property damage, personal injury, owned and non-owned equipment, blanket contractual

liability, completed operations liability, explosion, collapse, under-ground excavation, removal of lateral support, and other covered loss, however occasioned, occurring during the policy term, and shall specifically insure the performance by Contractor of that part of the indemnification contained in these General Conditions, relating to liability for injury to or death of persons and damage to property. If the coverage contains one or more aggregate limits, a minimum of 50% of any such aggregate limit must remain available at all times; if over 50% of any aggregate limit has been paid or reserved, the District may require additional coverage to be purchased by Contractor to restore the required limits. Contractor may combine primary, umbrella, and as broad as possible excess liability coverage to achieve the total limits indicated above. Any umbrella or excess liability policy shall include the additional insured endorsement described in the Contract Documents.

ARTICLE 43. AUTOMOBILE LIABILITY INSURANCE

Contractor shall take out and maintain at all times during the term of this Contract Automobile Liability Insurance in the amount of, at least, one million dollars (\$1,000,000). Such insurance shall provide coverage for bodily injury and property damage including coverage for non-owned and hired vehicles, in a form and with insurance companies acceptable to the District. Such policy shall comply with all the requirements of the Contract Documents. Company or companies providing insurance coverage shall be acceptable to the District and authorized to conduct business in the State of California.

ARTICLE 44. BUILDER'S RISK ["ALL RISK"]

- a. It is the Contractor's responsibility to maintain or cause to be maintained Builder's Risk ["All Risk"] extended coverage insurance on all work, material, equipment, appliances, tools, and structures which are a part of the Contract and subject to loss or damage by fire, and vandalism and malicious mischief, in an amount to cover 100% of the replacement cost. The District accepts no responsibility until the Contract is formally accepted by the Governing Board for the work. The Contractor is required to file with the District a certificate evidencing fire insurance coverage.
- b. Provide insurance coverage on completed value form, all-risk or special causes of loss coverage.
 - 1) Insurance policies shall be so conditioned as to cover the performance of any extra work performed under the Contract.
 - 2) Coverage shall include all materials stored on Site and in transit.
 - 3) Coverage shall include Contractor's tools and equipment.
 - 4) Insurance shall include boiler, machinery and material hoist coverage.

- c. Such insurance shall comply with all provisions of the Contract Documents.

ARTICLE 45. FORM AND PROOF OF CARRIAGE OF INSURANCE

- a. Any insurance carrier providing insurance coverage required by the Contract Documents shall be admitted to and authorized to do business in the State of California unless waived, in writing, by the District Risk Manager. Carrier(s) shall have an A.M. Best rating of not less than an A:VIII. Insurance deductibles or self-insured retentions must be declared by the Contractor, and such deductibles and retentions shall have the prior written consent from the District. At the election of the District the Contractor shall either: 1) reduce or eliminate such deductibles or self-insured retentions, or 2) procure a bond which guarantees payment of losses and related investigations, claims administration, and defense costs and expenses.
- b. Contractor shall cause its insurance carrier(s) to furnish the District with either 1) a properly executed original Certificate(s) of Insurance and certified original copies of Endorsements effecting coverage as required herein, or 2) if requested to do so in writing by the District Risk Manager, provide original Certified copies of policies including all Endorsements and all attachments thereto, showing such insurance is in full force and effect. The District, its Directors and officers, employees, agents or representatives shall be named as Additional Insureds on all policies of Commercial General Liability and Automobile Liability Insurance and Contractor shall provide a Waiver of Subrogation in favor of those parties. Further, said Certificate(s) and policies of insurance shall contain the covenant of the insurance carrier(s) that shall provide no less than thirty (30) days written notice be given to the District prior to any material modification or cancellation of such insurance. In the event of a material modification or cancellation of coverage, the District may terminate or Stop Work pursuant to the Contract Documents, unless the District receives, prior to such effective date, another properly executed original Certificate of Insurance and original copies of endorsements or certified original policies, including all endorsements and attachments thereto evidencing coverages set forth herein and the insurance required herein is in full force and effect. Contractor shall not take possession, or use the Project Site, or commence operations under this Agreement until the District has been furnished original Certificate(s) of Insurance and certified original copies of Endorsements or policies of insurance including all Endorsements and any and all other attachments as required in this Section. The original Endorsements for each policy and the Certificate of Insurance shall be signed by an individual authorized by the insurance carrier to do so on its behalf.
- c. It is understood and agreed to by the parties hereto and the insurance company(s), that the Certificate(s) of Insurance and policies shall so covenant and shall be construed as primary, and the District's insurance and/or deductibles and/or self-insured retentions or self-insured programs shall not be construed as contributory.
- d. The District reserves the right to adjust the monetary limits of insurance coverage's during the term of this Contract including any extension thereof-if in the District's

reasonable judgment, the amount or type of insurance carried by the Contractor becomes inadequate.

- e. Contractor shall pass down the insurance obligations contained herein to all tiers of sub-contractors working under this Contract.

ARTICLE 46. TIME FOR COMPLETION AND LIQUIDATED DAMAGES

- a. **Time for Completion/Liquidated Damages.** Work shall be commenced within ten (10) days of the date stated in the District's Notice to Proceed and shall be completed by Contractor in the time specified in the Contract Documents. The District is under no obligation to consider early completion of the Project; and the Contract completion date shall not be amended by the District's receipt or acceptance of the Contractor's proposed earlier completion date. Furthermore, Contractor shall not, under any circumstances, receive additional compensation from the District (including but not limited to indirect, general, administrative or other forms of overhead costs) for the period between the time of earlier completion proposed by the Contractor and the Contract completion date. If The Work is not completed as stated in the Contract Documents, it is understood that the District will suffer damage. In accordance with Government Code section 53069.85, being impractical and infeasible to determine the amount of actual damage, it is agreed that Contractor shall pay to the District as fixed and liquidated damages, and not as a penalty, the sum stipulated in the Contract for each day of delay until The Work is fully completed. Contractor and its surety shall be liable for any liquidated damages. Any money due or to become due the Contractor may be retained to cover liquidated damages.

- b. **Inclement Weather.** If adverse weather conditions are the basis for a request for an extension of time, the Contractor must document the claim in writing and submit it to the District Representative within five (5) days of the cited weather conditions, with data substantiating that weather conditions were abnormal as compared to the average historical climate conditions based on the preceding ten year records published by the National Oceanic and Atmospheric Administration ("NOAA") entitled "Local Climatological Data" for the period of time. Time extensions for inclement weather shall only be granted when the Work stopped during inclement weather is on the critical path of the Project schedule. Where causes of delays are unusually severe weather as described herein, any time extension will be considered to be excusable, however it shall not be compensable, including any costs that would be borne by the Contractor in the regular course of business, including but not limited to home office overhead and ongoing insurance costs. The Contractor is responsible for all costs associated with such delay. The sole remedy of the Contractor for such inclement weather shall be the grant of a time extension directly related to the delay. Contractor shall abide the District Representative's determination of what constitutes excusable inclement weather pursuant to this section. Refer to Specification Section 01360 Construction Schedule for inclement weather related delays and extensions.

- c. **Extension of Time.** Contractor shall not be charged liquidated damages because of any delays in completion of The Work due to unforeseeable causes beyond the control and without the fault or negligence of Contractor (or its subcontractors or suppliers). Contractor shall within five (5) Days of identifying any such delay notify the District in writing of causes of delay. The District shall ascertain the facts and extent of delay and grant extension of time for completing The Work when, in its judgment, the facts justify such an extension. Time extensions to the Project shall be requested by the Contractor as they occur and without delay. No delay claims shall be permitted unless the event or occurrence delays the completion of the Project beyond the Contract completion date.
- d. **No Damages for Reasonable Delay.** The District's liability to Contractor for delays for which the District is responsible shall be limited to only an extension of time unless such delays were unreasonable under the circumstances. In no case shall the District be liable for any costs which are borne by the Contractor in the regular course of business, including, but not limited to, home office overhead and other ongoing costs. Damages caused by unreasonable District delay, including delays caused by items that are the responsibility of the District pursuant to Government Code section 4215, shall be based on actual costs only, no proportions or formulas shall be used to calculate any delay damages.

ARTICLE 47. COST BREAKDOWN AND PERIODIC ESTIMATES

Contractor shall furnish on forms Approved by the District:

- a. Within ten (10) Days of award of the Contract a detailed estimate giving a complete breakdown of the Contract price;
- b. A monthly itemized estimate of Work done for the purpose of making progress payments. In order for the District to consider and evaluate each progress payment application, the Contractor shall submit a detailed measurement of Work performed and a progress estimate of the value thereof before the fifth (5th) Day of the following month.
- c. Contractor shall submit, with each of its payment requests, an adjusted list of actual quantities, verified by the District Representative, for unit price items listed, if any, in the Bid Form.
- d. Following the District's Acceptance of the Work, the Contractor shall submit to the District a written statement of the final quantities of unit price items for inclusion in the final payment request.
- e. The District shall have the right to adjust any estimate of quantity and to subsequently correct any error made in any estimate for payment.

Contractor shall certify under penalty of perjury, that all cost breakdowns and periodic estimates accurately reflect the Work on the Project. Refer to Specification Section 01050 Schedule of Values for further information related to this Article.

ARTICLE 48. MOBILIZATION

- a. When a bid item is included in the Bid Form for mobilization, the costs of Work in advance of construction operations and not directly attributable to any specific bid item will be included in the progress estimate (“Initial Mobilization”). When no bid item is provided for “Initial Mobilization,” payment for such costs will be deemed to be included in the other items of The Work.
- b. Payment for Initial Mobilization based on the lump sum provided in the Bid Form, which shall constitute full compensation for all such Work. No payment for Initial Mobilization will be made until all of the listed items have been completed to the satisfaction of the District Representative. The scope of the Work included under Initial Mobilization shall include, but shall not be limited to, the following principal items:
 1. Obtaining and paying for all bonds, insurance, and permits.
 2. Moving on to the Project Site of all Contractor’s plant and equipment required for first month’s operations.
 3. Installing temporary construction power, wiring, and lighting facilities.
 4. Establishing fire protection system.
 5. Developing and installing a construction water supply.
 6. Providing and maintaining the field office trailers for the Contractor and the District Representative, complete, with all specified furnishings and utility services including telephones, telephone appurtenances, computer and printer, and copying machine.
 7. Providing on-Site communication facilities for the Owner and the District Representative, including telephones, radio pagers, and fax machines.
 8. Providing on-Site sanitary facilities and potable water facilities as specified per Cal-OSHA and these Contract Documents.
 9. Furnishing, installing, and maintaining all storage buildings or sheds required for temporary storage of products, equipment, or materials that have not yet been installed in the Work. All such storage shall meet manufacturer’s specified storage requirements, and the specific provisions of the specifications, including temperature and humidity control, if recommended by the manufacturer, and for all security.

10. Arranging for and erection of Contractor's work and storage yard.
11. Posting all OSHA required notices and establishment of safety programs per Cal-OSHA.
12. Full-time presence of Contractor's superintendent at the job Site as required herein.
13. Submittal of Construction Schedule as required by the Contract Documents.

ARTICLE 49. PAYMENTS

- a. The District shall make monthly progress payments following receipt of undisputed and properly submitted payment requests. Contractor shall be paid a sum equal to ninety five percent (95%) of the value of Work performed up to the last day of the previous month, less the aggregate of previous payments. Notwithstanding the foregoing, Contractor shall not be entitled to payment for work so long as any lawful or proper direction concerning the Work or any portion thereof given by the District, District's Representative, or the Architect shall remain un-complied with.
- b. The Contractor shall, after the full completion of The Work, submit a final payment application. All prior progress estimates shall be subject to correction in the final estimate and payment.
- c. Unless otherwise required by law, the final payment of five percent (5%) of the value of the Work, if unencumbered, shall be paid no later than sixty (60) Days after the date of recordation of the Notice of Completion.
- d. Acceptance by Contractor of the final payment shall constitute a waiver of all claims against the District arising from this Contract.
- e. Payments to the Contractor shall not be construed to be an acceptance of any defective work or improper materials, or to relieve the Contractor of its obligations under the Contract Documents.
- f. The Contractor shall submit with each payment request the Contractor's conditional waiver of lien for the entire amount covered by such payment request, as well as a valid unconditional waiver of lien from the Contractor and all subcontractors and materialmen for all work and materials included in any prior invoices. Waivers of lien shall be in the forms prescribed by California Civil Code Section 8134. Prior to final payment by the District, the Contractor shall submit a final waiver of lien for the Contractor's work, together with releases of lien from any subcontractor or materialmen.
- g. Unless otherwise required by law, the final payment of five percent (5%) of the value of the Work, if unencumbered, shall be paid no later than sixty (60) days after the date of Completion, provided however, that in the event of a dispute between the District and the

Contractor, the District may withhold from the final payment an amount not to exceed one hundred and fifty percent (150%) of the disputed amount. Completion means any of the following as provided by Public Contract Code section 7107:

- i. The occupation, beneficial use, and enjoyment of a work of improvement, excluding any operation only for testing, startup, or commissioning, by the public agency, or its agent, accompanied by cessation of labor on the work of improvement.
 - ii. The acceptance by the public agency, or its agent, or the work of improvement.
 - iii. After the commencement of a work of improvement, a cessation of labor on the work of improvement for a continuous period of 100 calendar days or more, due to factors beyond the control of the Contractor.
 - iv. After the commencement of a work of improvement, a cessation of labor on the work of improvement for a continuous period of 30 calendar days or more, if the public agency files for record a notice of cessation or a notice of completion.
- h. Prior to final payment, the Contractor shall submit a final waiver of lien for the Contractor's Work together with releases of lien from any of its subcontractor or materialmen, pursuant to Civil Code Section 8138. The final payment shall not be due and payable until the expiration of thirty-five (35) calendar days from the date of acceptance of the work by the District, which acceptance shall be by formal action of the District Board.
- i. No payment (final or otherwise) made under or in connection with this Agreement shall be conclusive evidence of the performance of the Work or of this Agreement, in whole or in part, and no such payment shall be construed to be an acceptance of defective, faulty or improper work or materials nor shall it release the Contractor from any of its obligations under this Agreement; nor shall entrance and use by the District constitute acceptance of the Work or any part thereof.
 - j. For purposes of this Contract, the acceptance by the District means acceptance made only by an action of the governing body of the District in session. At any time after fifty percent (50%) of the work has been completed, if the District, by action of its governing body, finds that satisfactory progress is being made, the District may make any of the remaining payments in full for actual work completed or may withhold any amount up to five percent (5%) thereof as the District may find appropriate based on the Contractor's progress.
 - k. No certificate given or payments made under the Contract, except the final certificate or final payment shall be evidence of the performance of the Contract, either wholly or in part, and no payment shall be construed to be an acceptance of any defective work or improper materials.

1. Whenever any part of the work is in a condition suitable for use, and the best interest of the District requires such use, the District may take possession of, connect to, open for public use, or use a part thereof. When so used, maintenance and repairs due to ordinary wear and tear or vandalism will be made at District's expense. The use by the District as contemplated in this Article shall in no case be construed as constituting acceptance of the work or any part thereof. Such use shall neither relieve the Contractor of any of his responsibilities under the Contract nor act as a waiver by the District of any of the conditions thereof. Contractor shall continue to maintain all insurance, including Builder's Risk insurance, on the Project.

ARTICLE 50. PAYMENTS WITHHELD AND BACK CHARGES

In addition to amounts which the District may retain under other provisions of the Contract Documents the District may withhold payments due to Contractor as may be necessary to cover:

- a. Stop Payment Notice Claims.
- b. Defective work not remedied.
- c. Failure of Contractor to make proper payments to its subcontractors or suppliers.
- d. Completion of the Contract if there exists a reasonable doubt that the work can be completed for balance then unpaid.
- e. Damage to another contractor or third party.
- f. Amounts which may be due the District for claims against Contractor.
- g. Failure of Contractor to keep the record ("as-built") drawings up to date. As-builts shall be updated weekly and available for review by the District or its Representative.
- h. Failure to provide updates on the construction schedule and/or a recovery schedule if required.
- i. Site clean-up.
- j. Failure of the Contractor to comply with requirements of the Contract Documents, including but not limited to Contractor's failure to provide approved complete as-builts prior to filing of Notice of Completion.
- k. Liquidated damages.
- l. Legally permitted penalties.

The District may apply such withheld amount or amounts to payment of such claims or obligations at its discretion with the exception of subsections (a), (c) and (e) of this Article,

which must be retained or applied in accordance with applicable law. In so doing, the District shall be deemed the agent of Contractor and any payment so made by the Contractor shall be considered as a payment made under contract by the District to Contractor and the District shall not be liable to Contractor for such payments made in good faith. Such payments may be made without prior judicial determination of the claim or obligations. The District will render Contractor a proper accounting of such funds disbursed on behalf of the Contractor.

Upon completion of the Contract, the District will reduce the final Contract amount to reflect costs charged to the Contractor, back charges or payments withheld pursuant to the Contract Documents.

ARTICLE 51. CHANGES AND EXTRA WORK

- a. Owner Initiated Change. The District, without invalidating the Contract, may order changes in the Work consisting of additions, deletions or other revisions, the Contract amount and Contract time being adjusted accordingly. All such changes in the Work shall be authorized by written Change Order, and shall be performed under the applicable conditions of the Contract Documents. A Change Order signed by the Contractor indicates the Contractor's agreement therewith, including any adjustment in the Contract amount or the Contract time, and the full and final settlement of all costs (direct, indirect and overhead) related to the Work authorized by the Change Order.
 1. The Contractor must submit a complete cost proposal, including any change in the Contract time, within seven (7) Days after receipt of a scope of a proposed Change Order, unless the District requests that proposals be submitted in less than seven (7) Days.
- b. Contractor Initiated Change. The Contractor must give written notice to the District Representative of a proposed Change Order required for compliance with the Contract Documents within seven (7) Days of discovery of the facts giving rise to the proposed change order.
- c. Contract Price Adjustment.
 1. All claims for additional compensation to the Contractor shall be presented in writing before the expense is incurred and will be adjusted as provided herein. No Work shall be allowed to lag pending such adjustment, but shall be promptly executed as directed, even if a dispute arises. No claim will be considered after the Work in question has been done unless a written contract change order has been issued or a timely written notice of claim has been made by Contractor. Contractor shall not be entitled to claim or bring suit for damages, whether for loss of profits or otherwise, on account of any decrease or omission of any item or portion of Work to be done. Whenever any change is made as provided for herein, such change shall be considered and treated as though originally included

in the Contract, and shall be subject to all terms, conditions and provisions of the original Contract.

2. Whenever possible, any changes to the Contract amount shall be in a lump sum mutually agreed to by the Contractor and the District.
 3. All price quotations submitted by the Contractor shall be accompanied by sufficiently detailed supporting documentation to permit verification by the District.
- d. Force Account Work. If the Contractor fails to submit the cost proposal for a Change Order within the seven (7) Day period (or as requested), the District has the right to order the Contractor in writing to commence the Work immediately on a force account basis and/or issue a lump sum change to the Contract price in accordance with the District's estimate of cost. If the change is issued based on the District estimate, the Contractor will waive its right to dispute the action unless within fifteen (15) Days following completion of the added/deleted Work, the Contractor presents written proof that the District's estimate was in error.
- e. Cost Estimates. Estimates for lump sum quotations and accounting for cost-plus-percentage Work shall be limited to direct expenditures necessitated specifically by the subject extra work, and shall be segregated as follows:
- (a) Labor. The costs of labor will be the actual cost for wages prevailing locally for each craft or type of worker at the time the extra work is done, plus employer payments of payroll taxes and insurance, health and welfare, pension, vacation, apprenticeship funds, and other direct costs resulting from Federal, State or local laws, as well as assessment or benefits required by lawful collective bargaining agreements. The use of a labor classification which would increase the extra work cost will not be permitted unless the Contractor establishes the necessity for such additional costs. Labor costs for equipment operators and helpers shall be reported only when such costs are not included in the invoice for equipment rental.
 - (b) Materials. The cost of materials reported shall be at invoice or lowest current price at which such materials are locally available in the quantities involved, plus sales tax, freight and delivery. Materials cost shall be based upon supplier or manufacturer's invoice. If invoices or other satisfactory evidence of cost are not furnished within fifteen (15) Days of delivery, then the District Representative shall determine the materials cost, at its sole discretion.
 - (c) Tool and Equipment Use. No payment will be made for the use of small tools, tools which have a replacement value of \$1,000 or less. Regardless of ownership, the rates to be used in determining equipment use costs shall not exceed listed rates prevailing locally at equipment rental agencies, or distributors, at the time the Work is performed.

(d) Overhead, Profit and Other Charges. The mark-up for overhead (including supervision) and profit on Work added to the Contract shall be according to the following:

- i. “Net Cost” is defined as consisting of costs of labor, materials and tools and equipment only, excluding overhead and profit. The costs of applicable insurance and bond premium will be reimbursed to the Contractor and subcontractors at cost only, without mark-up.
- ii. For Work performed by the Contractor’s forces the added cost for overhead and profit shall not exceed ten (10%) percent of the Net Cost of the Work.
- iii. For Work performed by a subcontractor, the added cost for overhead and profit shall not exceed ten (10%) percent of the Net Cost of the Work to which the Contractor may add five (5%) percent of the subcontractor’s Net Cost.
- iv. For Work performed by a sub-subcontractor the added cost for overhead and profit shall not exceed ten (10 %) percent of the Net Cost for Work to which the subcontractor and general Contractor may each add an additional five (5 %) percent of the Net Cost of the lower tier subcontractor.
- iv. No additional markup will be allowed for lower tier subcontractors, and in no case shall the added cost for overhead and profit payable by District exceed twenty (20%) percent of the Net Cost as defined herein.

(e) For added or deducted Work by subcontractors, the Contractor shall furnish to the District the subcontractor’s signed detailed estimate of the cost of labor, material and equipment, including the subcontractor markup for overhead and profit. The same requirement shall apply to sub-subcontractors.

(f) For added or deducted Work furnished by a vendor or supplier, the Contractor shall furnish to the District a detailed estimate or quotation of the cost to the Contractor, signed by such vendor or supplier.

(g) Any change in the Work involving both additions and deletions shall indicate a net total cost, including subcontracts and materials. Allowance for overhead and profit, as specified herein, shall be applied if the net total cost is an extra; overhead and profit allowances shall not be applied if the net total cost is a credit. The estimated cost of deductions shall be based on labor and material prices on the date the Contract was executed.

(h) Contractor shall not reserve a right to assert impact costs, extended job site costs, extended overhead, constructive acceleration and/or actual acceleration beyond what is stated in the change order for Work. No claims shall be allowed for impact, extended overhead costs, constructive acceleration and/or actual acceleration due to a multiplicity of changes and/or clarifications. The Contractor may not change or modify the District's change order form in an attempt to reserve additional rights. Any change proposal submitted by the Contractor which attempts to reserve rights, will be returned to the Contractor as incomplete. Contractor must submit a complete change proposal inclusive of all time and/or cost impacts. Once a proposal has been accepted, District may at its' sole discretion reject subsequent requests for time and/or costs due to Contractor's failure to include all costs and/or time impacts in the accepted proposal.

f. Agreement as to Change in Contract Price/ Time. If the District disagrees with the proposal submitted by Contractor, it will notify the Contractor and the District will provide its opinion of the appropriate price and/or time extension. If the Contractor agrees with the District, a Change Order will be issued by the District. If no agreement can be reached, the District shall have the right to issue a unilateral change order setting forth its determination of the reasonable additions or savings in costs and time attributable to the extra or deleted work. Such determination shall become final and binding if the Contractor fails to submit a claim in writing to the District within fifteen (15) Days of the issuance of the unilateral change order, disputing the terms of the unilateral change order.

g. No dispute, disagreement or failure of the parties to reach agreement on the terms of the change order shall relieve the Contractor from the obligation to proceed with performance of the Work, including extra work, promptly and expeditiously.

h. Any alterations, extensions of time, extra work or any other changes may be made without securing consent of the Contractor's surety or sureties

ARTICLE 52. OCCUPANCY

The District reserves the right to occupy or utilize any portion of The Work at any time before completion, and such occupancy or use shall not constitute Acceptance of any part of Work covered by this Contract. This use shall not relieve the Contractor of its responsibilities under the Contract.

ARTICLE 53. INDEMNIFICATION

To the fullest extent allowed by law, Contractor shall defend (with counsel of District's choosing), indemnify and hold the District, its elected officials, officers, employees, agents and authorized volunteers free and harmless from any and all claims, demands, causes of action, costs, expenses, liabilities, losses, damages or injuries, at law or in equity, regardless of whether the allegations are false, fraudulent, or groundless, to property or persons, including wrongful death, to the extent arising out of or incident to any acts, omissions or willful misconduct of Contractor, its officials, officers, employees, agents, consultants and contractors arising out of or

in connection with the performance of the Work or this Contract, including claims made by subcontractors for nonpayment, including without limitation the payment of all consequential damages and attorneys' fees and other related costs and expenses. Contractor shall defend, at Contractor's own cost, expense and risk, with counsel of District's choosing, any and all such aforesaid suits, actions or other legal proceedings of every kind that may be brought or instituted against District, its elected officials, officers, employees, agents and authorized volunteers. To the extent of its liability, Contractor shall pay and satisfy any judgment, award or decree that may be rendered against District, its elected officials, officers, employees, agents and authorized volunteers in any such suit, action or other legal proceeding. Contractor shall reimburse District, its elected officials, officers, employees, agents and authorized volunteers for any and all legal expenses and costs incurred by each of them in connection therewith or in enforcing the indemnity herein provided. The only limitations on this provision shall be those imposed by Civil Code Section 2782.2.

ARTICLE 54. RECORD ("AS BUILT") DRAWINGS

- a. Contractor shall prepare and maintain a complete set of record drawings (herein referred to as "as-builts") and shall require each trade to prepare its own as-builts. The as-builts must show the entire site for each major trade, including but not limited to water, sewer, electrical, data, telephone, cable, fire alarm, gas and plumbing. Contractor shall mark the as-builts to show the actual installation where the installation varies from the Work as originally shown. Contractor shall mark whichever drawings are most capable of showing conditions fully and where shop drawings are used, Contractor must record a cross-reference at the corresponding location on the contract drawings. Contractor shall give particular attention to concealed elements that would be difficult to measure and record at a later date. Contractor shall use colors to distinguish variations in separate categories of The Work.
- b. Contractor shall note related change order numbers where applicable. Contractor shall organize as-builts into manageable sets, bound with durable paper cover sheets and shall print suitable title, dates and other identification on the cover of each set. Prior to filing of the Notice of Completion, complete as-builts for the Projects shall be turned over to the District's Representative. Contractor shall also provide an electronic version of the as-builts. The suitability of the as-builts will be determined by the District Representative. Final as-builts shall be signed-off by the District Engineer upon determination of suitability.
- c. Contractor shall update as-builts weekly and make them available for review by the District or the District's Representative.

ARTICLE 55. RESOLUTION OF CONSTRUCTION CLAIMS

- a. In accordance with Public Contract Code Sections 20104 *et seq.* and other applicable law, public works claims of \$375,000 or less which arise between the Contractor and the

District shall be resolved under the following the statutory procedure unless the District has elected to resolve the dispute pursuant to Public Contract Code Section 10240 *et seq.*

- b. **All Claims.** All claims shall be submitted in writing and accompanied by substantiating documentation. Claims must be filed on or before the date of final payment unless other notice requirements are provided in the Contract Documents. "Claim" means a separate demand by the claimant for (1) a time extension, (2) payment of money or damages arising from work done by or on behalf of the claimant and payment of which is not otherwise expressly provided for or the claimant is not otherwise entitled, or (3) an amount the payment of which is disputed by the District. The Contractor shall promptly comply with the Contract Documents in the performance of Work and/ or the requests of the District even though a written claim has been filed. The Contractor and the District shall make good faith efforts to resolve any and all claims that may arise during performance of the Work covered by this Contract.
- c. **Claims Under \$50,000.** The District shall respond in writing to the claim within 45 days of receipt of the claim, or, the District may request, in writing, within 30 days of receipt of the claim, any additional documentation supporting the claim or relating to defenses or claims the District may have. If additional information is needed thereafter, it shall be provided upon mutual agreement of the District and the claimant. The District's written response shall be submitted 15 days after receiving the additional documentation, or within the same period of time taken by the claimant to produce the additional information, whichever is greater.
- d. **Claims over \$50,000 but less than or equal to \$375,000.** The District shall respond in writing within 60 days of receipt, or, may request in writing within 30 days of receipt of the claim, any additional documents supporting the claim or relating to defenses or claims the District may have against the claimant. If additional information is needed thereafter, it shall be provided pursuant to mutual agreement between the District and the claimant. The District's response shall be submitted within 30 days after receipt of the further documents, or within the same period of time taken by the claimant to produce the additional information or documents, whichever is greater. The Contractor shall make these records and documents available at all reasonable times, without any direct charge.
- e. The Contractor will submit the claim justification in the following format:
 - 1) Summary of claim merit and price, and Contract clause pursuant to which the claim is made.
 - 2) List of documents relating to claim
 - (a) Specifications
 - (b) Drawings

- (c) Clarifications (Requests for Information)
 - (d) Schedules
 - (e) Other
- 3) Chronology of events and correspondence
- 4) Analysis of claim merit
- 5) Analysis of claim cost
- 6) Analysis of time impact analysis in CPM format
- 7) Cover letter and certification of validity of the claim
- f. If the claimant disputes the District's response, or if the District fails to respond within the statutory time period(s), the claimant may so notify the District within 15 days of the receipt of the response or the failure to respond, and demand an informal conference to meet and confer for settlement. Upon such demand, the District shall schedule a meet and confer conference within 30 Days.
- g. If following the meet and confer conference, the claim or any portion thereof remains in dispute, the claimant may file a claim pursuant to Government Code 900 et seq. and Government Code 910 et seq. For purposes of those provisions, the time within which a claim must be filed shall be tolled from the time the claimant submits the written claim until the time the claim is denied, including any time utilized for the meet and confer conference.
- h. Submission of a claim, properly certified, with all required supporting documentation, and written rejection or denial of all or part of the claim by District, is a condition precedent to any action, proceeding, litigation, suit, general conditions claim, or demand for arbitration by Contractor.

ARTICLE 56. DISTRICT'S RIGHT TO TERMINATE CONTRACT

- a. **Termination for Cause:** The District may, without prejudice to any other right or remedy, serve written notice upon Contractor of its intention to terminate this Contract if the Contractor: (i) refuses or fails to prosecute The Work or any part thereof with such diligence as will ensure its completion within the time required; (ii) fails to complete The Work within the required time; (iii) should file a bankruptcy petition or be adjudged a bankrupt; (iv) should make a general assignment for the benefit of its creditors; (v) should have a receiver appointed; (vi) should persistently or repeatedly refuse or fail to supply enough properly skilled workers or proper materials to complete the work; (vii) should fail to make prompt payment to subcontractors or for material or labor; (viii) persistently disregard laws, ordinances, other requirements or instructions of the District;

(ix) should violate any of the provisions of the Contract Documents; or (x) otherwise be guilty of a substantial violation of any provision of the Contract.

The notice of intent to terminate shall contain the reasons for such intention to terminate. Unless within ten (10) Days after the service of such notice, such condition shall cease or satisfactory arrangements (acceptable to the District) for the required correction are made, this Contract shall be terminated. In such case, Contractor shall not be entitled to receive any further payment until the Project has been finished. In event of any such termination, the District shall immediately serve written notice thereof upon surety and Contractor written notice of termination stating that the contract has ceased and is terminated. Surety shall have the right to investigate, take over and perform this Contract, provided, however, that if Surety, within fifteen (15) calendar days after service upon it of said notice of termination, does not give the District written notice of its intention to take over and perform this Contract and does not commence performance thereof within twenty (20) calendar days from the date of service upon it of such notice of termination, the District may take over and complete The Work by any method it may deem appropriate. Contractor and its surety shall be liable to the District for any excess costs or other damages incurred by the District to complete the Project. If the District takes over The Work, the District may, without liability for so doing, take possession of and utilize in completing The Work such materials, appliances, plant, and other property belonging to the Contractor as may be on the Project Site. If the District takes over the work as herein above provided, the District may, without liability for so doing, take possession of and utilize in completing The Work such materials, appliances, plant, and other property belonging to the Contractor as may be on the Site of The Work and necessary therefor.

If the unpaid balance of the Contract Price exceeds the expense of finishing work, including compensation for additional architectural, managerial, and administrative services, such excess shall be paid to Contractor. If such expense shall exceed such unpaid balance, Contractor shall pay the difference to the District. Expense incurred by the District as herein provided, and damage incurred through Contractor's default, shall be certified by the District Representative.

- b. **Termination For Convenience:** The District may terminate performance of The Work in whole or, in part, if the District determines that a termination is in the District's interest.

The Contractor shall terminate all or any part of The Work upon delivery to the Contractor of a Notice of Termination specifying that the termination is for the convenience of the District, the extent of termination, and the effective date of such termination.

After receipt of Notice of Termination, and except as directed by the District, the Contractor shall, regardless of any delay in determining or adjusting any amounts due

under this Termination for Convenience clause, immediately proceed with the following obligations:

- 1) Stop Work as specified in the Notice.
 - 2) Complete any Work specified in the Notice of Termination in a least cost/shortest time manner while still maintaining the quality called for under the Contract Documents.
 - 3) Leave the property upon which the Contractor was working and upon which the facility (or facilities) forming the basis of the Contract Documents is situated in a safe and sanitary manner such that it does not pose any threat to the public health or safety.
 - 4) Terminate all subcontracts to the extent that they relate to the portions of The Work terminated.
 - 5) Place no further subcontracts or orders, except as necessary to complete the remaining portion of The Work.
 - 6) Submit to the District, within ten (10) Days from the effective date of the Notice of Termination, all of the documentation called for by the Contract Documents to substantiate all costs incurred by the Contractor for labor, materials and equipment through the Effective Date of the Notice of Termination. Any documentation substantiating costs incurred by the Contractor solely as a result of the District's exercise of its right to terminate this Contract pursuant to this clause, which costs the Contractor is authorized under the Contract Documents to incur, shall: (i) be submitted to and received by the District no later than thirty (30) Days after the Effective Date of the Notice of Termination; (ii) describe the costs incurred with particularity; and (iii) be conspicuously identified as "Termination Costs Occasioned by the District's Termination for Convenience."
 - 7) These provisions are in addition to and not in limitation of any other rights or remedies available to the District.
- c. Notwithstanding any other provision of this Article, when immediate action is necessary to protect life and safety or to reduce significant exposure or liability, the District may immediately order Contractor to cease Work on the Project until such safety or liability issues are addressed to the satisfaction of the District or the Contract is terminated.
- d. Should the District determine that environmental considerations mandate that the underlying Project should not go forward, District may notify Contractor that this Contract is terminated due to environmental considerations and District shall only be

obligated to pay Contractor for The Work that Contractor had performed at the time of notification of termination of this Contract for environmental considerations.

- e. Termination of the Contract shall not relieve Surety of its obligation for any just claims arising out of or relating to The Work performed. In the event that the District exercises its right to terminate this Contract pursuant to this provision, the District shall pay the Contractor, upon the Contractor's submission of the documentation required by this clause and other applicable provisions of the Contract Documents, all actual reimbursable costs incurred according to the provisions of this Contract.
- f. The foregoing provisions are in addition to and not in limitation of any other rights or remedies available to the District.
- g. Notwithstanding the foregoing provisions, this Contract may not be terminated or modified where a trustee-in-bankruptcy has assumed the Contract pursuant to 11 U.S.C. section 365 (Federal Bankruptcy Act).

ARTICLE 57. WARRANTY AND GUARANTEE

- a. Contractor warrants that all materials and equipment furnished under this Contract shall be new unless otherwise specified in the Contract Documents; and that all Work conforms to the Contract Document requirements and is free of any defect whether performed by the Contractor or any subcontractor or supplier.
- b. Unless otherwise stated, all warranty periods shall begin upon the filing of the Notice of Completion. Unless otherwise stated, the warranty period shall be for one year.
- c. The Contractor shall remedy at its expense any damage to District-owned or controlled real or personal property.
- d. Contractor shall furnish the District with all warranty and guarantee documents prior to final Acceptance of the Project by the District.
- e. The District shall notify the Contractor, in writing, within a reasonable time after the discovery of any failure, defect, or damage. The Contractor shall within ten (10) Days after being notified commence and perform with due diligence the repair or replacement of any or all such Work, together with any other Work, which may be displaced in so doing, that may prove defective in workmanship and/or materials without expense whatsoever to the District, ordinary wear and tear, unusual abuse or neglect excepted. If the Contractor fails to promptly remedy any defect, or damage; the District shall have the right to replace, repair, or otherwise remedy the defect, or damage at the Contractor's expense. Contractor hereby agrees to pay costs and charges therefore immediately on demand.

- f. In the event of any emergency constituting an immediate hazard to health, safety, property, or licensees, when caused by Work of the Contractor not in accordance with the Contract requirements, the District may undertake at Contractor's expense, and without prior notice, all Work necessary to correct such condition.
- g. With respect to all warranties, express or implied, from subcontractors, manufacturers, or suppliers for Work performed and Materials furnished under this Contract, the Contractor shall:
 - 1) Obtain for District all warranties that would be given in normal commercial practice;
 - 2) Require all warranties to be executed, in writing, for the benefit of the District; and
 - 3) Enforce all warranties for the benefit of the District, unless otherwise directed in writing by the District.

This Article does not in any way limit the guarantee on any items for which a longer guarantee is specified or on any items for which a manufacturer gives a guarantee for a longer period.

This Article shall not limit the District's rights under this Contract or with respect to latent defects, gross mistakes, or fraud. The District specifically reserves all rights related to defective work, including but not limited to the defect claims pursuant to California Code of Civil Procedure Section 337.15.

ARTICLE 58. DOCUMENT RETENTION & EXAMINATION

- a. In accordance with Government Code Section 8546.7, records of both the District and the Contractor shall be subject to examination and audit by the State Auditor General for a period of three (3) years after final payment.
- b. Contractor shall make available to the District any of the Contractor's other documents related to the Project immediately upon request of the District.
- c. In addition to the State Auditor rights above, the District shall have the right to examine and audit all books, estimates, records, contracts, documents, bid documents, subcontracts, and other data of the Contractor (including computations and projections) related to negotiating, pricing, or performing the modification in order to evaluate the accuracy and completeness of the cost or pricing data at no additional cost to the District, for a period of four (4) years after final payment.

ARTICLE 59. SOILS INVESTIGATIONS

When a soils investigation report for the Project Site is available, such report shall not be a part of the Contract Documents. Any information obtained from such report as to subsurface soil

condition, or to elevations of existing grades or elevations of underlying rock, is approximate only and is not guaranteed. Contractor acknowledges that any soils investigation report (including any borings) was prepared for purposes of design only and Contractor is required to examine the Site before submitting its bid and must make whatever tests it deems appropriate to determine the underground condition of the soil.

ARTICLE 60. REQUIRED CERTIFICATIONS

Contractor shall, for all contracts involving state funds, submit a “Drug-Free Workplace Certification” and a “Recycled Content Certification.” These forms are included in the Contract Documents and must be signed under the penalty of perjury and dated prior to commencing work on this Project.

In addition to the above listed certifications, Contractor shall, for all contracts involving state funds, execute and submit an “Asbestos-Free Materials Certification.” Contractor, further, is aware of the following:

- a. Should asbestos containing materials be installed by the Contractor in violation of this certification, or if removal of asbestos containing materials is part of the Project, decontaminations and removals will be performed in accordance with the requirements of all applicable laws and will meet the following criteria:
 1. Decontamination and removal of work found to contain asbestos or work installed with asbestos containing equipment shall be done only under the supervision of a qualified consultant, knowledgeable in the field of asbestos abatement and accredited by the Environmental Protection Agency (EPA).
 2. The asbestos removal contractor shall be an EPA accredited contractor qualified in the removal of asbestos and shall be chosen and approved by the asbestos consultant who shall have sole discretion and final determination in this matter.
 3. The asbestos consultant shall be chosen and approved by the District which shall have sole discretion and final determination in this matter.
 4. The Work will not be accepted until asbestos contamination is reduced to levels deemed acceptable by the asbestos consultant.
- b. If removal of asbestos containing materials is part of the Project, the cost of all asbestos removal, including, but not necessarily limited to the cost of the asbestos removal contractor, the cost of the asbestos consultant, analytical and laboratory fees, time delays and additional costs that may be incurred by the District shall be borne entirely by the Contractor.
- c. Hold Harmless: Interface of Work for the Project with work containing asbestos shall be executed by the Contractor at his/her risk and at his/her discretion with full knowledge of

the currently accepted standards, hazards, risks and liabilities associated with asbestos work and asbestos containing products. By execution of the Contract, the Contractor acknowledges the above and agrees to the fullest extent permitted by law to hold harmless the District, its Governing Board, employees, agents, representatives, including its Architect and assigns, for all asbestos liability which may be associated with this work. The Contractor further agrees to instruct his/her employees with respect to the above-mentioned standards, hazards, risk and liabilities.

ARTICLE 61. SEPARATE CONTRACTS

- a. The District reserves the right to let other contracts in connection with this Work or on the Project Site. Contractor shall permit other contractors reasonable access and storage of their materials and execution of their work and shall properly connect and coordinate its Work with theirs.
- b. If any part of The Work depends for proper execution or results upon work of any other contractor, the Contractor shall inspect and promptly report to the District's Representative any defects in such work that renders it unsuitable for such proper execution and results. Contractor's failure to so inspect and report shall constitute its acceptance of the other contractor's work as fit and proper for reception of Contractor's Work, except as to defects which may develop in the other contractor's work after execution of Contractor's Work.
- c. To ensure proper execution of its subsequent Work, Contractor shall immediately inspect work already in place and shall at once report to the District Representative any problems with the work in place or discrepancies with the Contract Documents.
- d. Contractor shall ascertain to its own satisfaction the scope of the Project and nature of any other contracts that have been or may be awarded by the District in prosecution of the Project to the end that Contractor may perform this Contract in the light of such other contracts, if any. Nothing herein contained shall be interpreted as granting to Contractor exclusive occupancy at Site of the Project. Contractor shall not cause any unnecessary hindrance or delay to any other contractor working on the Project. If simultaneous execution of any contract for the Project is likely to cause interference with performance of some other contract or contracts, the District Representative shall decide which Contractor shall cease Work temporarily and which contractor shall continue or whether work can be coordinated so that contractors may proceed simultaneously. The District shall not be responsible for any damages suffered or for extra costs incurred by Contractor resulting directly or indirectly from award, performance, or attempted performance of any other contract or contracts on the Project Site.

ARTICLE 62. NOTICE AND SERVICE THEREOF

All notices shall be in writing and shall be dated and signed by party giving such notice or by the duly authorized representative of such party, and shall be either served by personal delivery or

mailed to the other party as designated in the Bid Forms. Written notice to the Contractor shall be addressed to Contractor's principal place of business unless Contractor designates another address in writing for service of notice. Notice to District shall be addressed to the District as designated in the Notice Inviting Bids unless District designates another address in writing for service of notice. Notice shall be effective upon receipt or five (5) Days after being sent by first class mail, whichever is earlier. Notice given by facsimile shall not be effective unless acknowledged in writing by the receiving party.

ARTICLE 63. NOTICE OF THIRD PARTY CLAIMS

Pursuant to Public Contract Code Section 9201, the District shall provide Contractor with timely notification of the receipt of any third-party claim relating to the Contract.

ARTICLE 64. STATE LICENSE BOARD NOTICE.

Contractors are required by law to be licensed and regulated by the Contractors' State License Board which has jurisdiction to investigate complaints against contractors if a complaint regarding a patent act or omission is filed within four (4) years of the date of the alleged violation. A complaint regarding a latent act or omission pertaining to structural defects must be filed within ten (10) years of the date of the alleged violation. Any questions concerning a contractor may be referred to the Registrar, Contractors' State License Board, P.O. Box 26000, Sacramento, California 95826.

ARTICLE 65. INTEGRATION

- a. Oral Modifications Ineffective. No oral order, objection, direction, claim or notice by any party or person shall affect or modify any of the terms or obligations contained in the Contract Documents.
- b. Contract Documents Represent Entire Contract. The Contract Documents represent the entire agreement of the District and Contractor.

ARTICLE 66. ASSIGNMENT

Contractor shall not assign, transfer, convey, sublet, or otherwise dispose of this Contract or any part thereof including any claims, without prior written consent of the District. Any assignment without the written consent of the District shall be void. Any assignment of money due or to become due under this Contract shall be subject to a prior lien for services rendered or Material supplied for performance of Work called for under the Contract Documents in favor of all persons, firms, or corporations rendering such services or supplying such Materials to the extent that claims are filed pursuant to the Civil Code, the Code of Civil Procedure or the Government Code.

ARTICLE 67. CHANGE IN NAME AND NATURE OF CONTRACTOR'S LEGAL ENTITY

Should a change be contemplated in the name or nature of the Contractor's legal entity, the Contractor shall first notify the District in order that proper steps may be taken to have the change reflected on the Contract.

ARTICLE 68. ASSIGNMENT OF ANTITRUST ACTIONS

Pursuant to Section 7103.5 of the Public Contract Code, in entering into a public works contract or subcontract to supply goods, services, or materials pursuant to a public works contract, Contractor or subcontractor offers and agrees to assign to the District all rights, title, and interest in and to all causes of action it may have under Section 4 of the Clayton Act (15 U.S.C. Section 15) or under the Cartwright Act (chapter 2 (commencing with Section 16700) of part 2 of division 7 of the Business and Professions Code), arising from the purchase of goods, services, or materials pursuant to this Contract or any subcontract. This assignment shall be made and become effective at the time the District makes final payment to the Contractor, without further acknowledgment by the parties.

ARTICLE 69. PROHIBITED INTERESTS

No District official or representative who is authorized in such capacity and on behalf of the District to negotiate, supervise, make, accept, or approve, or to take part in negotiating, supervising, making, accepting or approving any engineering, inspection, construction or material supply contract or any subcontract in connection with construction of the project, shall be or become directly or indirectly interested financially in the Contract.

ARTICLE 70. LAWS AND REGULATIONS

- a. Contractor shall give all notices and comply with all laws, ordinances, rules and regulations bearing on conduct of work as indicated and specified. If Contractor observes that drawings and specifications are at variance therewith, he shall promptly notify the District Representative in writing and any necessary changes shall be adjusted as provided for in this Contract for changes in work. If Contractor performs any work knowing it to be contrary to such laws, ordinances, rules and regulations, and without such notice to the District Representative, he shall bear all costs arising therefrom.
- b. Contractor shall be responsible for familiarity with the Americans with Disabilities Act ("ADA") (42 U.S.C. § 12101 et seq.). The Work, including any installations of equipment and other devices, will be performed in compliance with ADA regulations.

ARTICLE 71. PATENT FEES OR ROYALTIES.

The Contractor shall include in its bid amount the patent fees or royalties on any patented article or process furnished or used in the Work. Contractor shall assume all liability and responsibility

arising from the use of any patented, or allegedly patented, materials, equipment, devices or processes used in or incorporated with The Work, and shall defend, indemnify and hold harmless the District, its officials, officers, agents, employees and representatives from and against any and all liabilities, demands, claims, damages, losses, costs and expenses, of whatsoever kind or nature, arising from such use.

ARTICLE 72. OWNERSHIP OF DRAWINGS

All Contract Documents furnished by the District are District property. They are not to be used by Contractor or any subcontractor on other work nor shall Contractor claim any right to such documents. With exception of one complete set of Contract Documents, all documents shall be returned to the District on request at completion of the Work.

ARTICLE 73. NOTICE OF TAXABLE POSSESSORY INTEREST

In accordance with Revenue and Taxation Code Section 107.6, the Contract Documents may create a possessory interest subject to personal property taxation for which Contractor will be responsible.

ARTICLE 74. DISTRICT'S INSPECTOR

- a. One or more inspectors employed by District in accordance with requirements of title 19, 21 and/or 24 of the California Code of Regulations will be assigned to the work. His duties are specifically defined in the California Code of Regulations.

- b. Inspector shall have access to all plant operations involving work under this contract and shall be provided reasonable advance notice of the time and place of operations which the inspector desires to observe. Inspector shall be provided with all necessary samples of materials and work for testing purposes. All work shall be under the observation of said inspector. He shall have free access to any or all parts of work at any time. Contractor shall furnish inspector reasonable facilities for obtaining such information as may be necessary to keep him fully informed respecting progress and manner of work and character of materials. Inspection of work shall not relieve contractor from any obligation to fulfill this contract. Inspector, after consultation with the Construction Manager and Architect, together, shall have authority to stop work whenever the provisions of the contract documents are not being complied with and contractor shall instruct his employees accordingly.
- c. No work shall be covered or concealed until inspected by the District's Inspector.

- i. **INSPECTOR'S FIELD OFFICE**

- a. The Contractor shall be responsible for providing the inspector's field office. The office shall be of substantial waterproof construction with adequate natural light and ventilation by means of stock design windows. Door shall have a key-type lock or padlock hasp. The inspector's field office shall have heating and air-conditioning and shall be equipped with a telephone, a telephone answering machine, and a fax machine at contractor's expense.
- b. A table satisfactory for the study of plans and two chairs shall be provided by contractor. Contractor shall provide and pay for adequate electric lights, local telephone service, and adequate heat and air conditioning for the field office until authorized removal.
- c. The provisions of this section are intended to be complementary to any requirements provided elsewhere in these Contract Documents, however in the event of conflicts between this section and other provisions of these Contract Documents, this section shall prevail.

- ii. **MISCELLANEOUS**

These Contract Documents shall be interpreted in accordance with the laws of the State of California. If any action is brought to interpret or enforce any term of these Contract Documents, the action shall be brought in a state or federal court situated in the County of Madera, State of California.

ARTICLE 75. NO WAIVER

No provision of these Contract Documents shall be deemed waived by either party unless such waiver shall be expressly specified in writing, regardless of the actions or inaction of the parties.

DOCUMENT 00800

SPECIAL CONDITIONS

- A. **Liquidated Damages.** If work under this Contract is not ready for the intended use within the time period specified in the Contract, the agreed liquidated damages established in the General Conditions are as follows:

\$1,500.00 per calendar day; past project deadline.

- B. **Substitutions.** All requests for Substitutions, submitted in accordance with the General Conditions and these Special Conditions of the Contract Documents shall be submitted using the "Request for Substitution" form included herein as a part of these Special Conditions, including the affidavit certifying that the proposed substitution is:

1. In full compliance with requirements of the Contract Documents and applicable code requirements;
2. Meets or exceeds the standard of quality of the item specified;
3. The same warranty will be provided as for the specified item; and
4. The Contractor waives all claims for additional costs or time that may result from use of an approved substitution.

The form shall be accompanied by complete technical data including drawings, performance specifications, samples, and test reports, and any other information as may be requested by the District Representative.

Substitution requests must be submitted using the "Request for Substitution" form no more than fourteen (14) calendar days prior to the date of bid opening. No Substitution will be allowed after bid opening unless approved by the District after Notice of Award.

The decision of the District Representative regarding any proposed substitution will be in writing, and the District Representative's decision shall be final. Should a proposed substitution be accepted, such acceptance shall not relieve the Contractor from complying with requirements of the Drawings and Specifications.

- C. **Fingerprinting.** Pursuant to the provisions of the General Conditions, the District determination of fingerprinting requirement application follows:

The Project shall be governed by paragraph (a) and (b) below.

- a. Contracts For Construction, Reconstruction, Rehabilitation Or Repair Of A School Facility Involving More Than Limited Contact With Students.

The District determines, based on the totality of the circumstances concerning the Project, that the Contractor and Contractor's employees are subject to the requirements of Education Code section 45125.2 pertaining to Contracts for Construction, Reconstruction, Rehabilitation or Repair of a School Facility because they will have contact other than limited contact with pupils, by execution of the Contract, the Contractor acknowledges that Contractor is entering into a contract for the construction, reconstruction, rehabilitation, or repair of a school facility where the Contractor and/or Contractor's employees will have more than limited contact with students and the services to be provided do not constitute an emergency or exceptional situation. In accordance with Education Code section 45125.2 the Contractor shall, at Contractor's own expense: (1) install a physical barrier, temporary construction fencing (TCF) to limit contact with students by Contractor and/or Contractor's employees;

b. Contracts For Construction, Reconstruction Rehabilitation Or Repair Of A School Facility Involving Only Limited Contact With Students.

The District determines based on the totality of the circumstances concerning the Project that the Contractor and Contractor's employees are subject to the requirements of Education Code section 45125.2 pertaining to Contracts for Construction, Reconstruction, Rehabilitation or Repair of a School Facility because they will have only limited contact with pupils, by execution of the Contract, the Contractor acknowledges that Contractor is entering into a contract for the construction, reconstruction, rehabilitation or repair of a school facility involving only limited contact with students. Accordingly, the parties agree that the following conditions apply to any work performed by the Contractor and/or Contractor's employees on a school site: (1) Contractor shall require its employees and/or sub-contractors and/or their employees to check in with the Job Superintendent each day immediately upon arriving at the school site; (2) Contractor and/or Contractor's employees shall remain inside the (TCF). If their work requires them to perform any duties outside of the (TCF) they shall schedule such work with the Job Superintendent (detailing estimated time and location of such work), who will inform the District's Project Construction Coordinator prior to any work performed outside the TCF; (3) Once at such location Contractor and/or Contractor's employees shall not change locations without notifying the Job Superintendent; (4) Contractor and Contractor's employees shall not use student restroom facilities; and (5) If Contractor and/or Contractor's employees find themselves alone with a student, Contractor and Contractor's employees shall immediately contact the Job Superintendent who will contact the school office and request that a member of the school staff be assigned to the work location.

- D. **Allowances.** Include the following allowance amounts in this bid. The following allowances will be used only at the discretion of the District. If additional work is requested by the District, the price for such work will be negotiated in accordance with the General Conditions. Allowance amounts not used by the District will be deducted from the contract amount by Change Order. Include \$46,000.00 allowance amount in bid.

- E. **Contractor Coordination.** District has contracted with a solar provider to install a set of solar arrays adjacent to the area of work for this project. The Solar Contractor is responsible for providing an ADA accessible pathway to their array, west of the cafeteria. The successful bidder for this project will be required to coordinate their work with the work of the solar contractor to ensure there is adequate access to both projects.
- F. **Students and Staff on Campus.** The school is scheduled to host summer school from June 12, 2023 through July 6, 2023. During this time all school facilities and access to them must be maintained for students and staff (with the exception of the restroom and kitchen upgrades shown in the plans). The following items will therefore be required of the Contractor:
- i. Work in and around the restrooms may proceed during summer school however, Contractor shall be responsible for providing an ADA Accessible Pathway to all adjacent areas of the campus. A Pathway Plan shall be submitted to and approved by the District prior to implementation. All other school facilities must remain accessible and operational for students/staff during summer school.
 - ii. Any utility shut-downs must take place outside of school hours or after July 6, 2023.
- G. **Concurrent Solar Panel Project.** A Solar panel installation will occur concurrently with this project. **The demolition, removal and concrete patch-back of the existing shade canopy as outlined in the contract documents must be completed no later than June 16th.**

DOCUMENT 00900
EO N-6-22



**MADERA UNIFIED
SCHOOL DISTRICT**
1902 Howard Road
Madera CA 93637
(559) 675-4500
(559) 675-1186 Fax
www.madera.k12.ca.us

Board of Trustees:

President:
Ed McIntyre

Clerk:
Lucy Salazar

Trustees:
Nadeem Ahmad
Isreal Cortez
Joetta Fleak
Ruben Mendoza
Ray G. Seibert

SUPERINTENDENT:
Todd Lile

NOTICE

April 26, 2022

To: Contractors and Vendors

From: Sandon Schwartz, Deputy Superintendent

**Re: Contractor and Grantee Compliance with Economic Sanctions
Imposed in Response to Russia's Actions in Ukraine**

On March 4, 2022, Governor Gavin Newsom issued Executive Order N-6-22 (EO) regarding sanctions in response to Russian aggression in Ukraine. The EO is located at <https://www.gov.ca.gov/wp-content/uploads/2022/03/3.4.22-Russia-Ukraine-ExecutiveOrder.pdf>

The EO directs all agencies and departments that are subject to the Governor's authority to take certain immediate steps, including notifying all contractors and grantees of their obligations to comply with existing economic sanctions imposed by the U.S. government in response to Russia's actions in Ukraine, as well as any sanctions imposed under state law.

This correspondence serves as a notice under the EO that as a contractor or grantee, compliance with the economic sanctions imposed in response to Russia's actions in Ukraine is required, including with respect to, but not limited to, the federal executive orders identified in the EO and the sanctions identified on the U.S. Department of the Treasury website <https://home.treasury.gov/policy-issues/financial-sanctions/sanctions-programs-and-country-information/ukraine-russia-related-sanctions>. Failure to comply may result in the termination of contracts or grants, as applicable. Please note that for any agreements or grants valued at \$5 million or more, a separate notification will be sent outlining additional requirements specified under the EO.

Sincerely,

Sandon Schwartz
Deputy Superintendent

Signature signifies acknowledgement of E.O. N-6-22

Signature _____

PLANS AND DRAWING

SEE ATTACHED FOR SCOPE OF WORK

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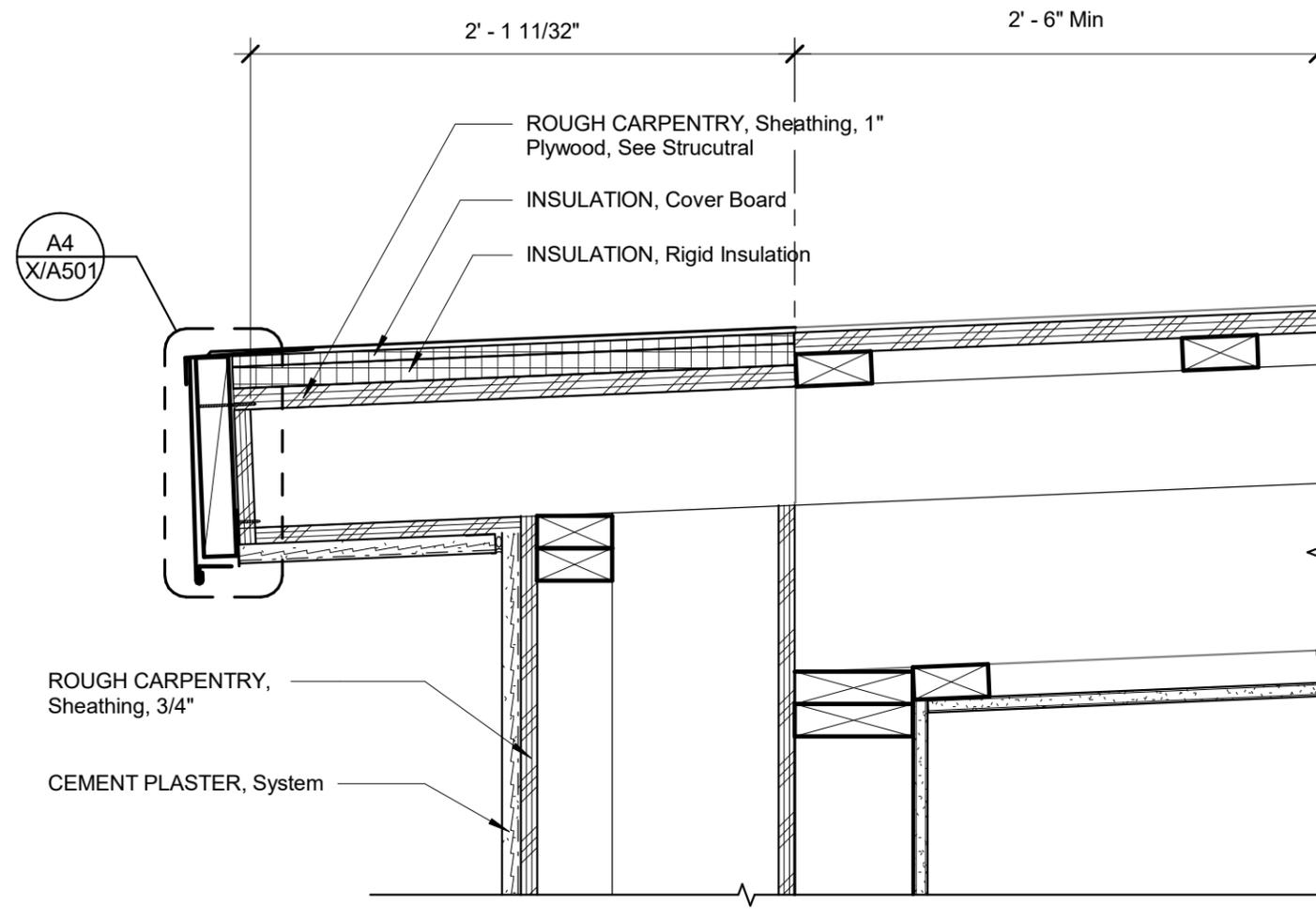
GENERAL CONDITIONS

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GENERAL CONDITIONS

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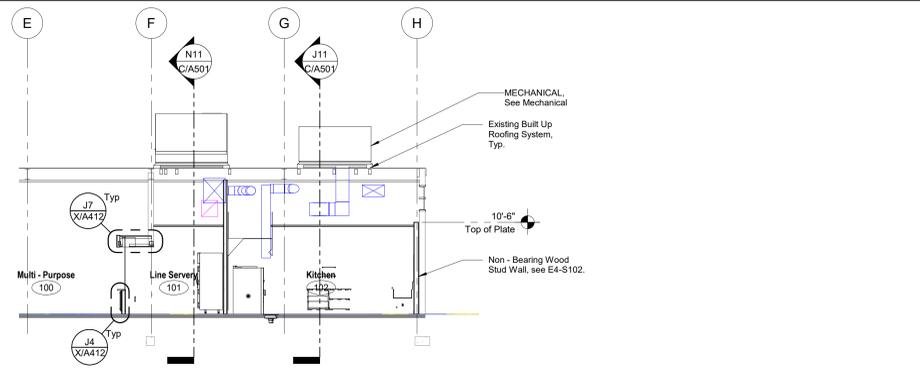
DSA File No: 20-30
 OSHPD No: OSHPD0517

Detail A1, C/A301
THOMAS JEFFERSON M. S. KITCHEN
REMODEL
 MADERA UNIFIED SCHOOL DISTRICT
 Madera, CA

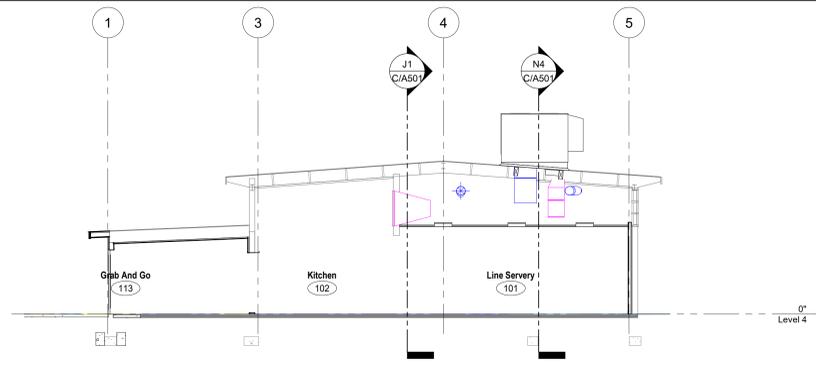


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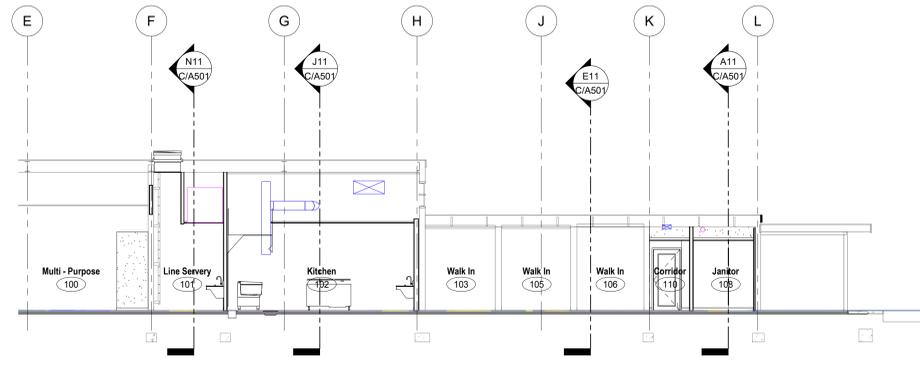
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Drawn By: Author	Scale: 1 1/2" = 1'-0"
Checked By/Checker	Copyright 2023 Darden Architects
Reviewed E/Approver	AD2-AX04
Date: 03/28/23	



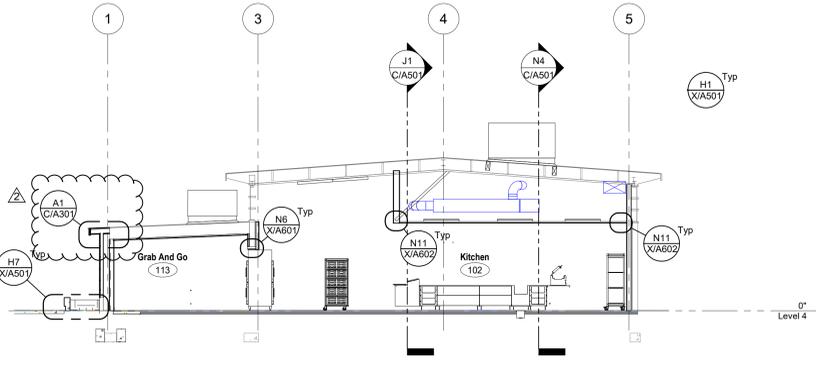
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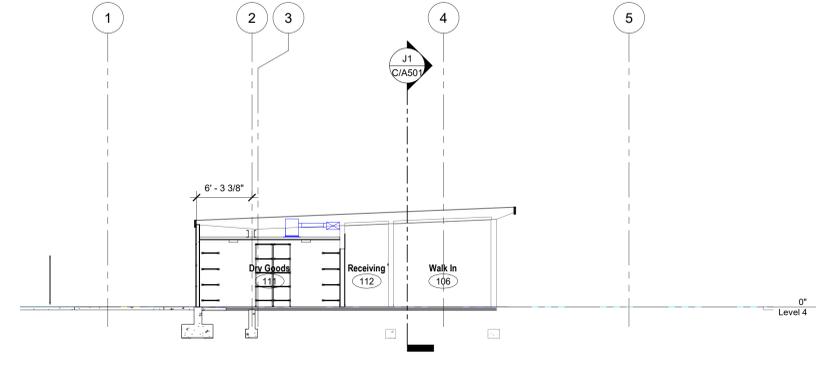
N11 Wall Section
1/8" = 1'-0"



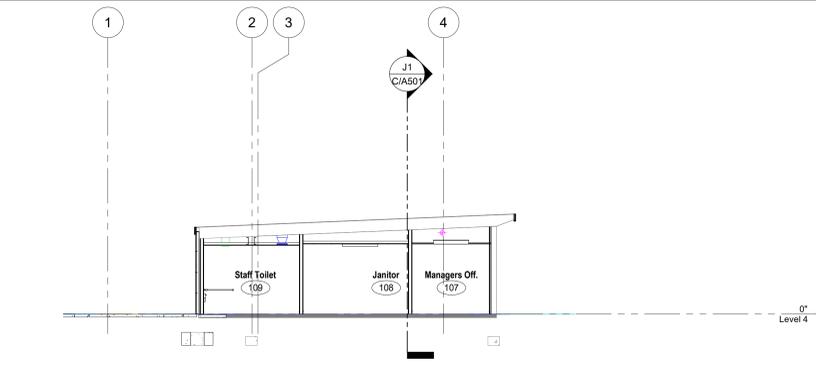
J1 Wall Section
1/8" = 1'-0"



J11 Wall Section
1/8" = 1'-0"



E11 Wall Section
1/8" = 1'-0"



A11 Wall Section
1/8" = 1'-0"

DSA File No.: 20-30
DSA Application No.: 02-120517
Agency Approval

SYMBOLS
0 Reference Grid
101 Room name
101 Room Designation

NOTES
1. CEMENT PLASTER, Accessories, Refer to H1 X/A501 Typ

K18 Sections Legend
No Scale

THOMAS JEFFERSON M. S. KITCHEN REMODEL
MADERA UNIFIED SCHOOL DISTRICT
Madera, CA Project

BUILDING C
BUILDING SECTIONS
Drawing



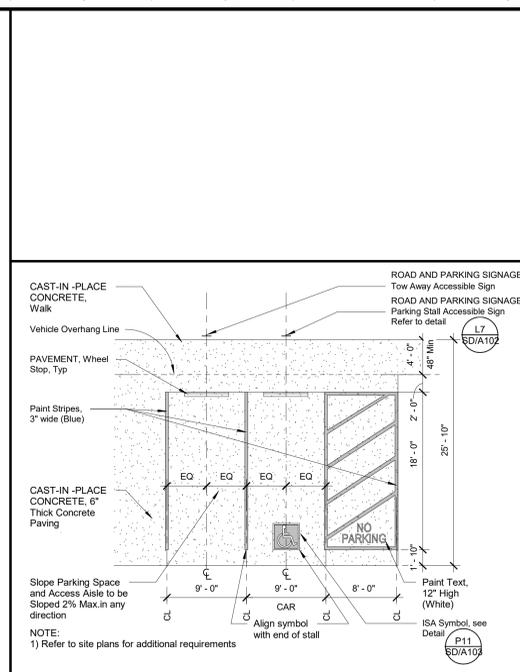
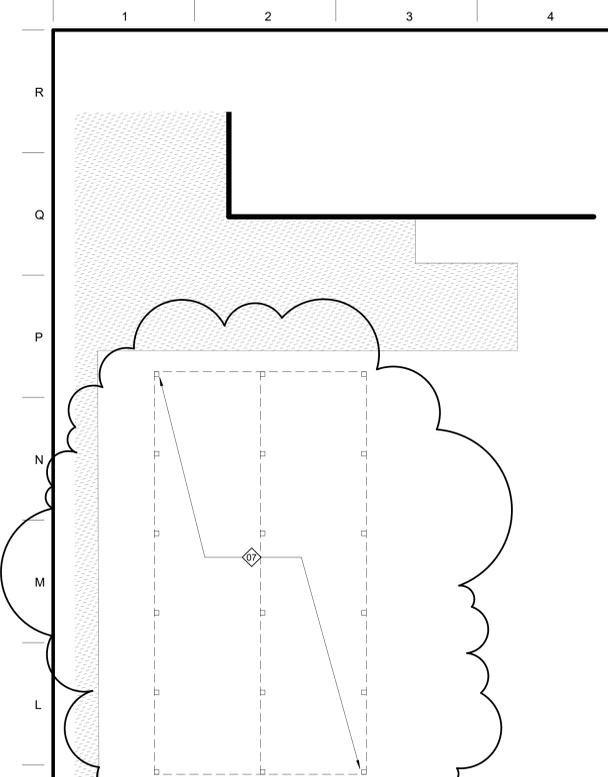
No.	Revision/Submission	Date

Revision

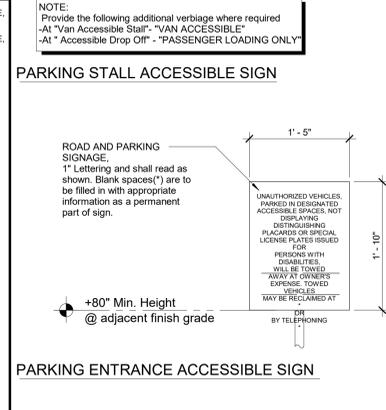
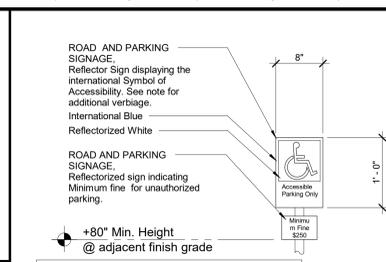
Designed By: - Copyright 2023 Darden Architects
Scale: 1/8" = 1'-0" Drawn By: -
Project Number: 2123 Checked By: -
Date: 03/28/23 Reviewed By: -

C/A501
AD2-AX05

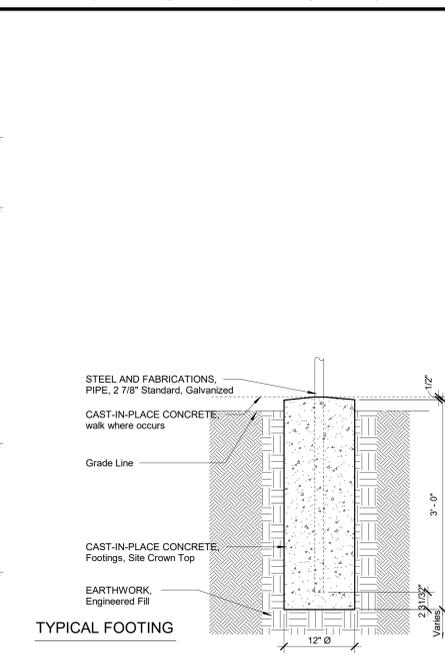
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L4
1/8" = 1'-0"
PAVEMENT, Accessible Parking Stalls, Flush Transition



L7
1" = 1'-0"
ROAD AND PARKING SIGNAGE, Accessible Parking & Entrance Sign



L14
No Scale
Site Plan Legend

SYMBOLS

	CAST-IN-PLACE CONCRETE, 4" Concrete Walk over 6" 90% Compacted Fill		CAST-IN-PLACE CONCRETE, Control Joint
	Building Outline		CAST-IN-PLACE CONCRETE, Expansion Joint
	Property Line		
	Limits of Construction (Project Area)		
	Staging Fence (Project Area)		
	Covered Area		
	Existing		
	Slope (DN)		General Direction of Slope

ABBREVIATIONS

(E)	Existing Concrete	FF	Finish Floor	PL	Planter
C	Concrete	FG	Finish Grade	TB	Top of Bench
CJ	Control Joint	FL	Flow Line	TC	Top of Curb
EJ	Expansion Joint, 1/2"	FS	Floor Sink	TG	Top of Grate
FD	Floor Drain	GB	Grade Break	TF	Top of Fence
FDC	Fire Dept Connection	RG	Rough Grade	TL	Top of Lid
		MH	Manhole	TW	Top of Wall
		MS	Mow Strip	Typ.	Typical
		OC	On Center	UNO	Unless Noted Otherwise
		P	Pavement		
		PIV	Post Indicator Valve		

NOTES

- CAST-IN-PLACE CONCRETE: All Concrete Walk Joints Shall be Expansion Joints unless otherwise noted. Provide Expansion Joints where walk abuts other site elements.
- ELECTRICAL: See Electrical Drawings
- LANDSCAPING: See Landscape and Irrigation Drawings
- Refer to CIVIL for Vertical Controls and Grading
- CHAIN LINK FENCE: Refer to
- ORNAMENTAL METAL: Refer to

DSA File No.: 20-30
DSA Application No.: 02-120517

Agency Approval

SYMBOLS

	SELECTIVE DEMOLITION, Existing Item and / or Area to be Removed and / or Relocated. (See Demolition Notes)
	SELECTIVE DEMOLITION, Sawcut, Remove and Dispose of Existing Concrete Paving (See Demolition Notes)
	Existing Asphalt Concrete Paving
	Existing Chain Link Fence
	Demolition Note Symbol
	Building Designation
	Existing Building

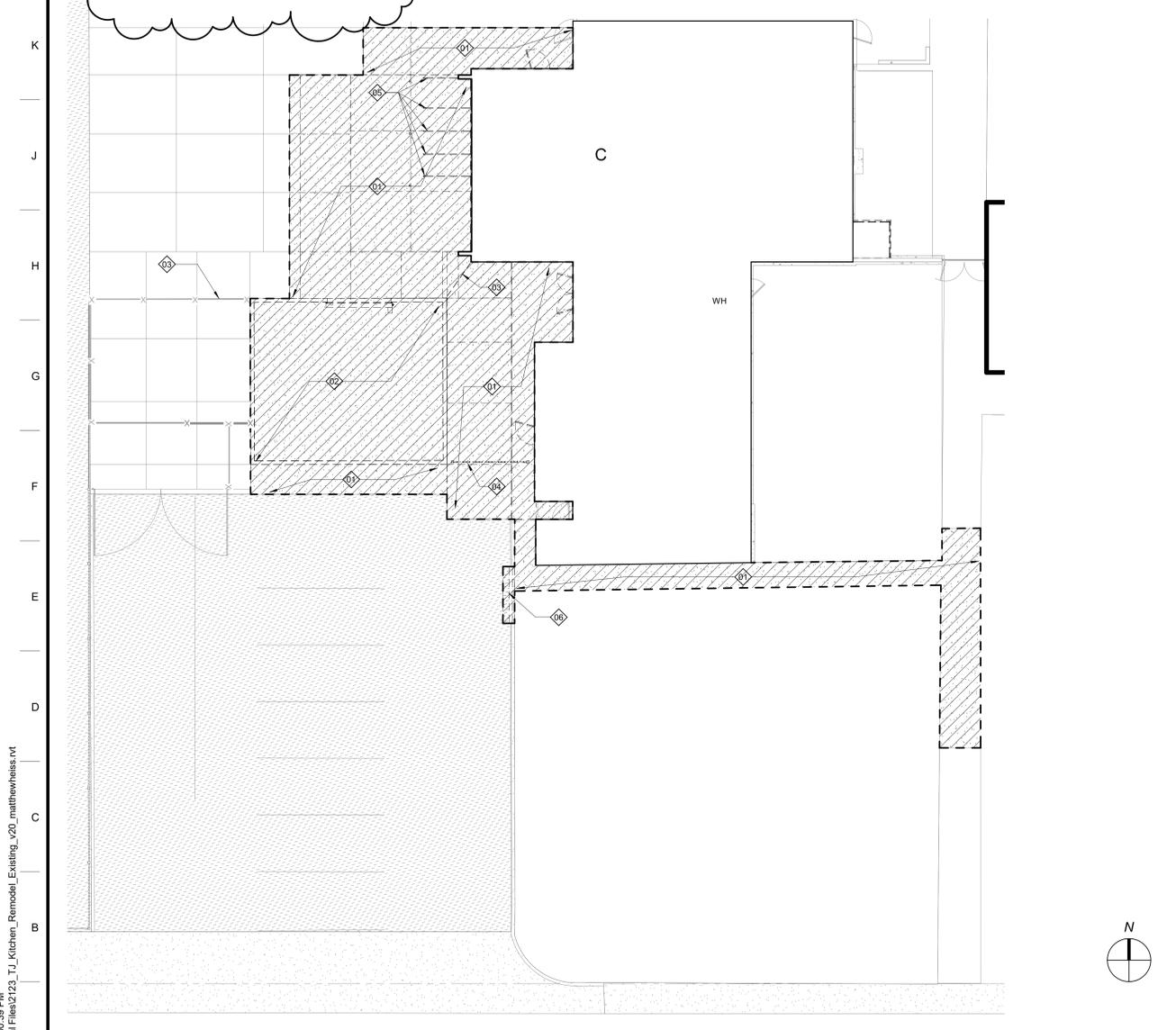
DEMOLITION NOTES

- SELECTIVE DEMOLITION: Remove and Dispose of Existing Concrete slab, to existing joints in slab.
- SELECTIVE DEMOLITION: Remove Existing building and slab. Disconnect and cap utilities.
- SELECTIVE DEMOLITION: Remove and Dispose of Existing Chain Link Fence
- SELECTIVE DEMOLITION: Remove and Dispose of Existing Fence and Gate
- SELECTIVE DEMOLITION: Remove and Dispose of Existing Pipe Guardrail.
- SELECTIVE DEMOLITION: Remove portion of Existing Concrete Curb. Patch back concrete at post locations, top of (18)
- SELECTIVE DEMOLITION: Remove and dispose of Existing Shade Structure. Patch back concrete at post locations, top of (18)

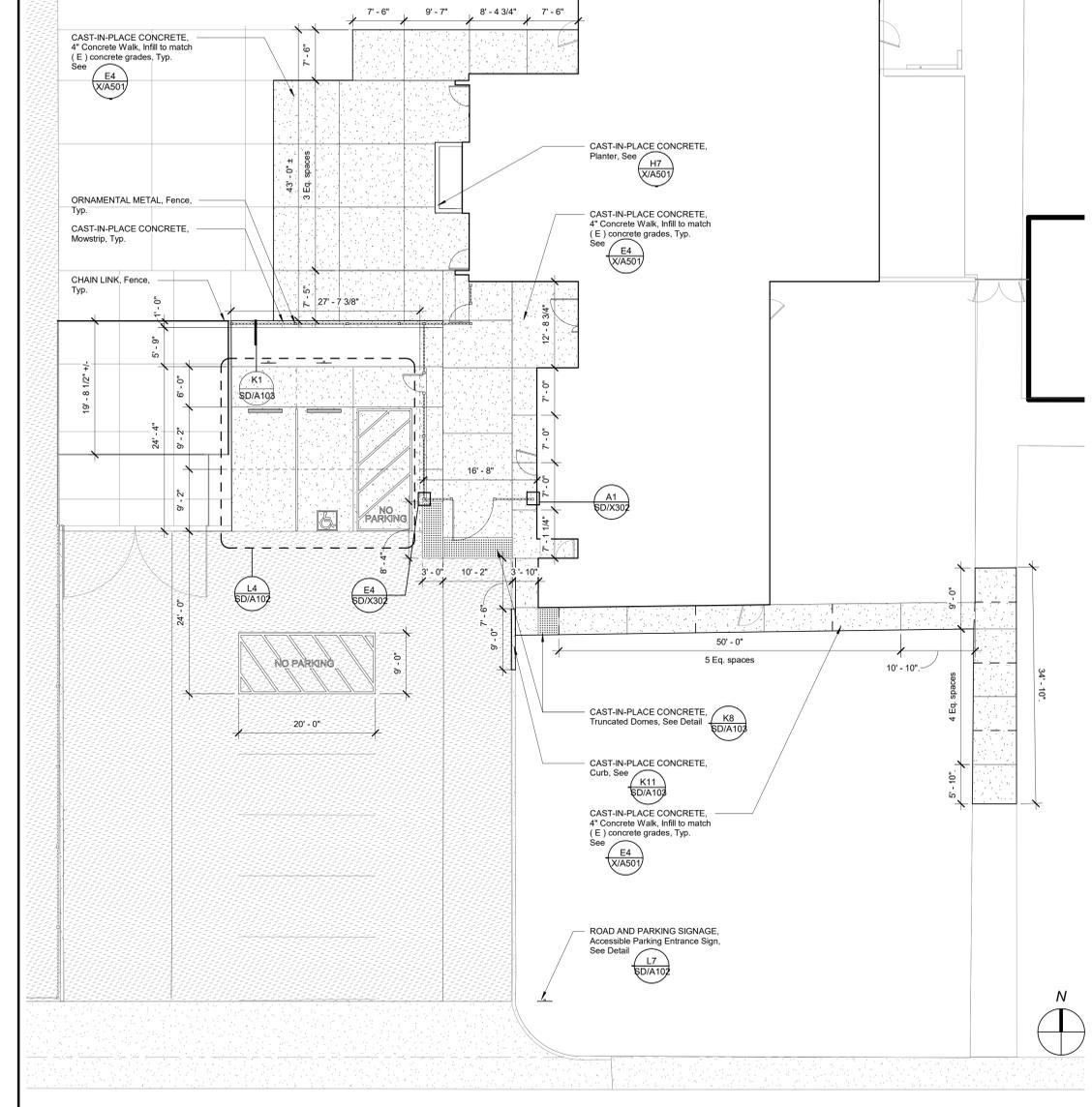
GENERAL NOTES

- Refer to Civil Drawings to Verify the Extent of the Demolition Required in Preparing for the Site development Scope of Work
- Demolition to be in Compliance with the California Fire Code, Chapter 14 - Fire Safety During Construction and Demolition
- Remove existing irrigation lines, heads and valves as required for new construction. The Contractor is responsible for field verification of the existing irrigation system within the new construction area and is providing all of what is required to amend and adjust the sprinkler system due to new improvements to provide a complete and operational system. Provide new sprinkler heads as required same as removed. The irrigation system shall remain in operation during construction
- Refer to Topographic and Site Utility Surveys for Additional Information.
- No demolition shall begin until plans including the demolition work have been approved by DSA.

J18
No Scale
Demolition Partial Site Plan Legend



A1
1" = 10'-0"
Partial Demolition Site Plan
See J18 for Symbols, Abbreviations, and Notes.



A11
1" = 10'-0"
Partial Site Plan
See L14 for Symbols, Abbreviations, and Notes.

THOMAS JEFFERSON M. S. KITCHEN REMODEL
MADERA UNIFIED SCHOOL DISTRICT
Madera, CA

SITE DEVELOPMENT DEMOLITION PLAN AND SITE PLAN

Consultant
Project
Drawing

darden architects ARCHITECTURE PLANNING INTERIORS
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ARCHITECT

No.	Revision/Submission	Date
1	Revision 1	Date 1

Revision

Designed By: - Copyright 2023 Darden Architects

Scale: As indicated Drawn By: - **SD/A102**

Project Number: 2123 Checked By: -

Date: 03/28/23 Reviewed By: - Sheet: _____ of: _____

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(N) PANEL "DPD" SCHEDULE									
277/480V 3Φ 4W					OUTDOOR / SURFACE				
CKT. NO.	DESCRIPTION	BREAKER AMPS (POLES)	VA	Φ	VA	BREAKER AMPS (POLES)	DESCRIPTION	CKT. NO.	
1	HC-1	30 3	5044 A		51165 300 3		TRANSFORMER 'TDPD'	2	
3	--	--	5044 B		55347 -- --			4	
5	--	--	5044 C		45441 -- --			6	
7	HC-2	40 3	5681 A					8	
9	--	--	5681 B					10	
11	--	--	5681 C					12	
13	--	--						14	
15	--	--						16	
17	--	--						18	
LOAD SUMMARY:		Φ A	61890 VA		BUSING:	400A CU			
		Φ B	66072 VA		MAIN:	400A M.C.B.			
		Φ C	56165 VA						
CONNECTED LOAD:			184.1 kVA						
MAX CURRENT:			239 A						

(R) PANEL "CC" SCHEDULE									
120/208V 3Φ 4W					INDOOR / FLUSH				
CKT. NO.	DESCRIPTION	BREAKER AMPS (POLES)	VA	Φ	VA	BREAKER AMPS (POLES)	DESCRIPTION	CKT. NO.	
1	RECEP - ROOF MAINTENANCE**	20 1	180 A		872 20 1		LTS - KITCHEN, LINE SERVERY, GRAB AND GO**	2	
3	SPARE**	20 1	0 B		3653 60 2		LINE SERVER PANEL BOX 'B**	4	
5	RECEP - KITCHEN CONV**	20 1	360 C		3653 -- --			6	
7	(E) CAFETERIA LIGHTS (ALWAYS ON)*	20 1	1200 A		180 20 1		RECEP - LINE SERVERY**	8	
9	(E) CAFETERIA LIGHTS (ALWAYS ON)*	20 1	1200 B		1000 30 1		(E) PLUGS*	10	
11	(E) CAFETERIA LIGHTS*	20 1	1200 C		1440 20 1		RECEP - MOBILE WARM. CAB. LINE SERVERY**	12	
13	(E) CAFETERIA LIGHTS*	20 1	1200 A		1000 20 1		(E) PLUGS*	14	
15	(E) CAFETERIA LIGHTS*	20 1	1200 B		715 20 1		RECEP - LINE SERVERY REACH IN REFRIGERATOR**	16	
17	(E) CAFETERIA LIGHTS*	20 1	1200 C		1000 20 1		(E) PLUGS*	18	
19	GRAB AND GO LINE PANEL BOX 'A**	60 2	3856 A		1000 20 1		(E) PLUGS*	20	
21	--	--	3856 B		1000 20 1		(E) FAN*	22	
23	RECEP - GRAB AND GO**	20 1	360 C		1920 20 1		RECEP - VACUUM SEWER**	24	
25	(E) CAFETERIA PLUGS*	20 1	500 A		996 20 1		REFRIGERATED PASSTHROUGH**	26	
27	(E) CAFETERIA PLUGS (AD PLUG)*	20 1	500 B		20 1		SPARE**	28	
29	(E) CAFETERIA PLUGS*	20 1	500 C		996 20 1		REFRIGERATED PASSTHROUGH**	30	
31	FLY FANS - GRAB AND GO**	20 1	816 A		1440 20 1		RECEP - MOBILE WARM. CAB. LINE SERVERY**	32	
33	FLY FANS - CAFETERIA**	20 1	816 B		500 20 1		KITCHEN HOOD CONTROL**	34	
35	EF-2A**	20 2	1373 C		500 20 1		KITCHEN HOOD ANSUL SYSTEM***	36	
37	--	--	1373 A		3218 40 3		BLAST CHILLER**	38	
39	EF-2B**	20 2	1373 B		3218 -- --			40	
41	--	--	1373 C		3218 -- --			42	
43	WARE WASHER**	60 3	5524 A		1440 20 1		RECEP - MOBILE WARM. CAB. KITCHEN NORTH**	44	
45	--	--	5524 B		1800 20 1		RECEP - CHEFS COUNTER**	46	
47	--	--	5524 C		1800 20 1		RECEP - CHEFS COUNTER**	48	
49	RECEP - GRAB AND GO REGISTER**	20 1	180 A		1800 20 1		RECEP - CHEFS COUNTER**	50	
51	RECEP - MOBILE WARM. CAB. KITCHEN WEST**	20 1	1440 B		1800 20 1		RECEP - CHEFS COUNTER**	52	
53	RECEP - MOBILE WARM. CAB. KITCHEN WEST**	20 1	1440 C		468 20 1		RECEP - PIZZA/SANDWICH PREP STATION**	54	
55	REFRIGERATED DISPLAY CASE**	40 1	3000 A		68 20 1		TRAP PIPERS	56	
57	REFRIGERATED DISPLAY CASE**	40 1	3000 B		1000 20 1		MOTORIZED DOOR**	58	
59	FIRE ALARM BOOSTER***	20 1	500 C		0 20 1		SPARE**	60	
61	SPARE**	20 1	0 A		0 20 1		SPARE**	62	
63	SPARE**	20 1	0 B		0 20 1		SPARE**	64	
65	SPARE**	20 1	0 C		0 20 1		SPARE**	66	
67	SPARE**	20 1	0 A		0 20 1		SPARE**	68	
69	SPARE**	20 1	0 B		0 20 1		SPARE**	70	
71	SPARE**	20 1	0 C		0 20 1		SPARE**	72	
LOAD SUMMARY:		Φ A	29843 VA		BUSING:	400A CU / 22 KAIC			
		Φ B	33595 VA		MAIN:	400A			
		Φ C	28824 VA		NOTES:	* RECONNECT EXISTING LOAD TO NEW PANEL			
CONNECTED LOAD:			92.3 kVA			** NEW LOAD UNDER THIS PROJECT			
MAX CURRENT:			280 A			*** PROVIDE RED HANDLE LOCK-ON DEVICE			

(R) PANEL "CD" SCHEDULE									
120/208V 3Φ 4W					INDOOR / FLUSH				
CKT. NO.	DESCRIPTION	BREAKER AMPS (POLES)	VA	Φ	VA	BREAKER AMPS (POLES)	DESCRIPTION	CKT. NO.	
1	(E) FOODS PREP LIGHTS (LIGHTS HALL)*	20 1	500 A		1500 20 1		(E) COOLER* (BR-19)	2	
3	LTS - RM 107, 108, 109, 110, 111, 112**	20 1	394 B		500 20 1		(E) REFER. BOX LIGHTS*	4	
5	(E) HALLWAY LIGHTS(LIGHTS HALL)*	20 1	500 C		500 30 1		(E) REFER. ALARMS*	6	
7	SPARE**	20 1	0 A		2000 30 2		(E) WALK-IN FREEZER* (BR-29/31)	8	
9	(E) LOADING DOCK LITS*	20 1	500 B		2000 -- --			10	
11	RECEP - MGR OFFICE 109**	20 1	1080 C		1800 20 1		(E) DEFROST* (BR-33)	12	
13	RECEP - CUSTODIAL**	20 1	180 A		0 20 1		SPARE**	14	
15	RECEP - CORR, LOCKERS, STAFF R.R., DRY GOODS**	20 1	720 B		500 30 1		(E) HALL PLUG (FAN BACKROOM)*	16	
17	RECEP - ROOF MAINTENANCE**	20 1	180 C		32 20 1		EF-1A, EF-1B**	18	
19	SPARE**	20 1	0 A		4410 70 2		HC-3**	20	
21	SPARE**	20 1	0 B		4410 -- --			22	
23	SPARE**	20 1	0 C		408 20 1		FLY FAN - RECEIVING**	24	
25	SPARE**	20 1	0 A		1500 20 1		WATER HEATER WH-1**	26	
27	SPARE**	20 1	0 B		125 20 1		HOT WATER CIRC PUMP CP-1**	28	
29	SPARE**	20 1	0 C		1800 20 1		WALK IN HEAT TRACE**	30	
31	SPARE**	20 1	0 A		0 20 1		SPACE	32	
33	SPARE**	20 1	0 B		0 20 1		SPACE	34	
35	SPARE**	20 1	0 C		0 20 1		SPACE	36	
37	SPARE**	20 1	0 A		0 20 1		SPACE	38	
39	SPARE**	20 1	0 B		0 20 1		SPACE	40	
41	SPARE**	20 1	0 C		0 20 1		SPACE	42	
LOAD SUMMARY:		Φ A	8590 VA		BUSING:	225A CU / 22 KAIC			
		Φ B	9024 VA		MAIN:	200A			
		Φ C	4500 VA		NOTES:	* RECONNECT EXISTING LOAD TO NEW PANEL			
CONNECTED LOAD:			22.1 kVA			** NEW LOAD UNDER THIS PROJECT			
MAX CURRENT:			75 A						

(N) PANEL "CK" SCHEDULE									
120/208V 3Φ 4W					INDOOR / FLUSH				
CKT. NO.	DESCRIPTION	BREAKER AMPS (POLES)	VA	Φ	VA	BREAKER AMPS (POLES)	DESCRIPTION	CKT. NO.	
1	COMBI OVEN #1	20 3	1237 A					2	
3	--	--	1237 B					4	
5	--	--	1237 C					6	
7	COMBI OVEN #2	20 3	1237 A					8	
9	--	--	1237 B					10	
11	--	--	1237 C					12	
13	COMBI OVEN #3	20 3	1237 A					14	
15	--	--	1237 B					16	
17	--	--	1237 C					18	
19	ELECTRIC TILT SKILLET	100 3	8406 A					20	
21	--	--	8406 B					22	
23	--	--	8406 C					24	
25	--	--						26	
27	--	--						28	
29	--	--						30	
LOAD SUMMARY:		Φ A	12117 VA		BUSING:	225A CU / 22 KAIC			
		Φ B	12117 VA		MAIN:	200A M.C.B. W/120V SHUNT TRIP			
		Φ C	12117 VA		NOTES:	SHUNT TRIP ON HOOD FIRE SYSTEM DISCHARGE			
CONNECTED LOAD:			36.3 kVA						
MAX CURRENT:			101 A						

DSA File No.: 20-30

DSA Application No.: 02-120517

Agency Approval



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 356 Pollasky Ave., Suite 200, Clovis, CA 93616
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**THOMAS JEFFERSON MIDDLE SCHOOL
 KITCHEN REMODEL**
 MADERA UNIFIED SCHOOL DISTRICT
 MADERA, CA Project

TYPICAL INFORMATION
 POWER SYSTEMS - PANEL SCHEDULES
 Drawing



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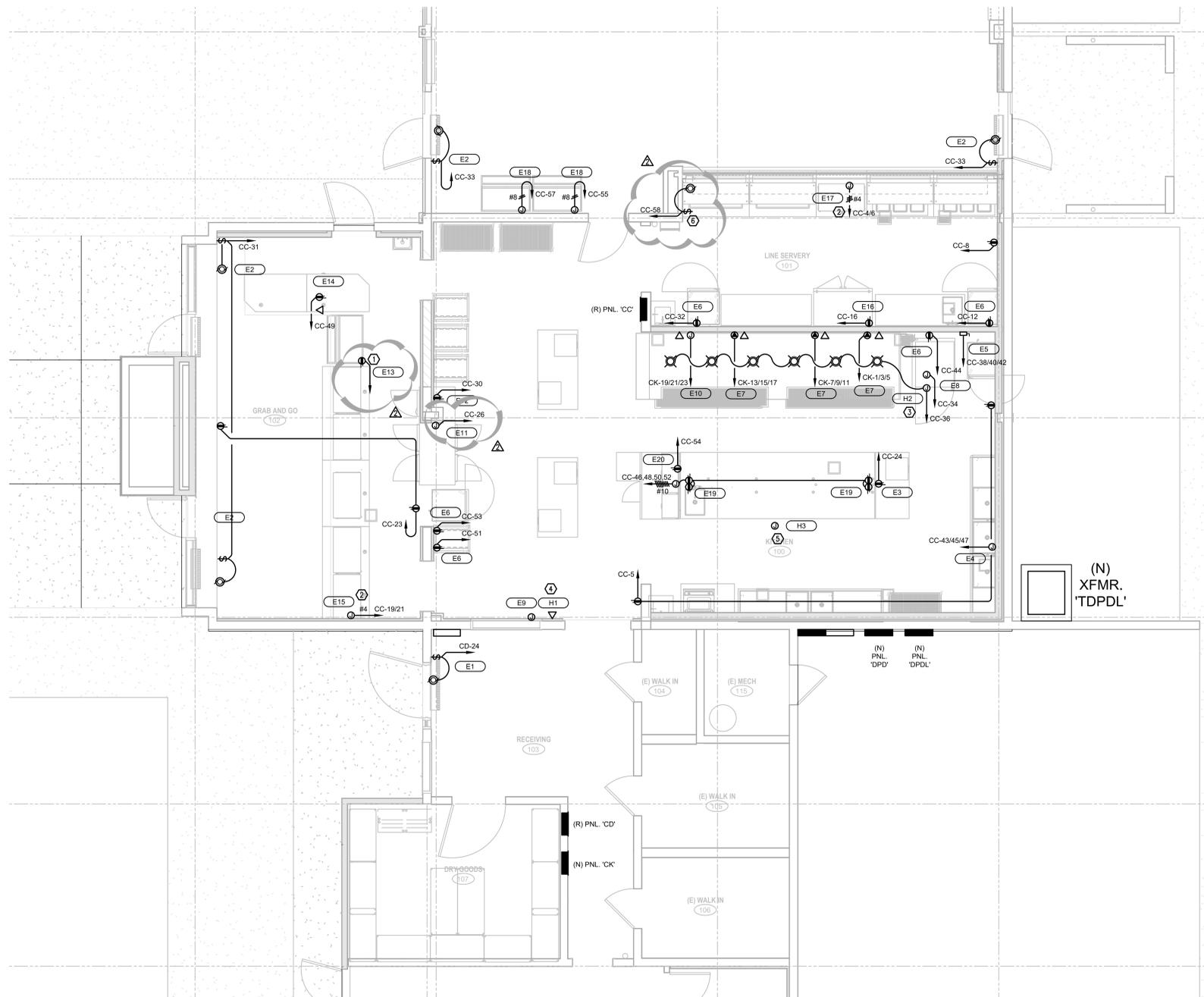
No.	Revision/Submission	Date
2	Addendum #2	05/10/2023

Revision

Designed By: SD Copyright 2021 Darden Architects

Scale: As indicated Drawn By: EN
 Project Number: 2123 Checked By: SD
 Date: 03/28/23 Reviewed By: SD

**X/E104
 AD2-EX01**



DSA File No.:
20-30

DSA Application No.:
02-120517

Agency Approval

KEYNOTES

1. PROVIDE 20A, 120 VOLT, GFCI-PROTECTED RECEPTACLE MOUNTED IN FOOD SERVING CABINET AND CONNECT TO UNIT CONNECTION INTERCONNECT WITH SERVING LINE LOAD CENTER (E15). SEE FOOD SERVICE DRAWINGS FOR MORE INFORMATION. VERIFY EXACT LOCATION PRIOR TO INSTALLATION. COORDINATE WITH FOOD SERVICE EQUIPMENT VENDOR.
2. PROVIDE CONNECTION FROM FOOD SERVICE LINE EQUIPMENT PANEL. COORDINATE EXACT LOCATION WITH EQUIPMENT PROVIDER AND FOOD SERVICE DRAWINGS.
3. CONNECT HOOD CONTROL SYSTEM. COORDINATE WITH ALL FOOD SERVICE DRAWINGS. HOOD FIRE SUPPRESSION SYSTEM (ANSI) AS REQUIRED. PROVIDE ALL REQUIRED CONNECTIONS, WHETHER SHOWN ON THE ELECTRICAL AND/OR FOOD SERVICE DRAWINGS.
4. HOOD TOUCH SCREEN USER INTERFACE. MOUNT AT +48" TO THE TOP. CONNECT AS REQUIRED. SEE FOOD SERVICE DRAWINGS.
5. ENERGY MANAGEMENT SYSTEM DCV-2111 ROOM SENSOR. CONNECT AS REQUIRED. SEE FOOD SERVICE DRAWINGS.
6. PROVIDE POWER AND SWITCH FOR MOTORIZED COILING DOOR. VERIFY EXACT REQUIREMENTS WITH DOOR SUPPLIER.

XXX SEE FOOD SERVICE SHEET FS3.2 FOR EQUIPMENT DESIGNATION AND ELECTRICAL REQUIREMENTS. PROVIDE ALL REQUIRED CONNECTIONS.

NOTE TO CONTRACTOR:

EXISTING AS-BUILT RECORD DRAWINGS ARE NOT COMPLETE. A BEST EFFORT HAS BEEN TAKEN TO DOCUMENT THE EXISTING CONDITIONS. NOT ALL CONDITIONS, EQUIPMENT, ETC. MAY BE SHOWN ON THE DRAWINGS. ANY ITEMS NOT SHOWN TO BE REMOVED SHALL BE RECONNECTED TO THE CLOSEST ELECTRICAL PANEL. PROVIDE ANY REQUIRED FEED THROUGH WIRING.

THE CONTRACTOR SHALL VISIT THE SITE AND MAKE THEMSELVES FAMILIAR WITH THE EXISTING CONDITIONS AND TAKE THOSE INTO ACCOUNT WHEN PROVIDING A BID FOR THE PERFORMANCE OF THE WORK SHOWN IN THE DRAWINGS.

HD
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 Consultant

**THOMAS JEFFERSON MIDDLE SCHOOL
 KITCHEN REMODEL**
 MADERA UNIFIED SCHOOL DISTRICT
 MADERA, CA Project

**BUILDING A
 ENLARGED POWER PLAN**
 Drawing

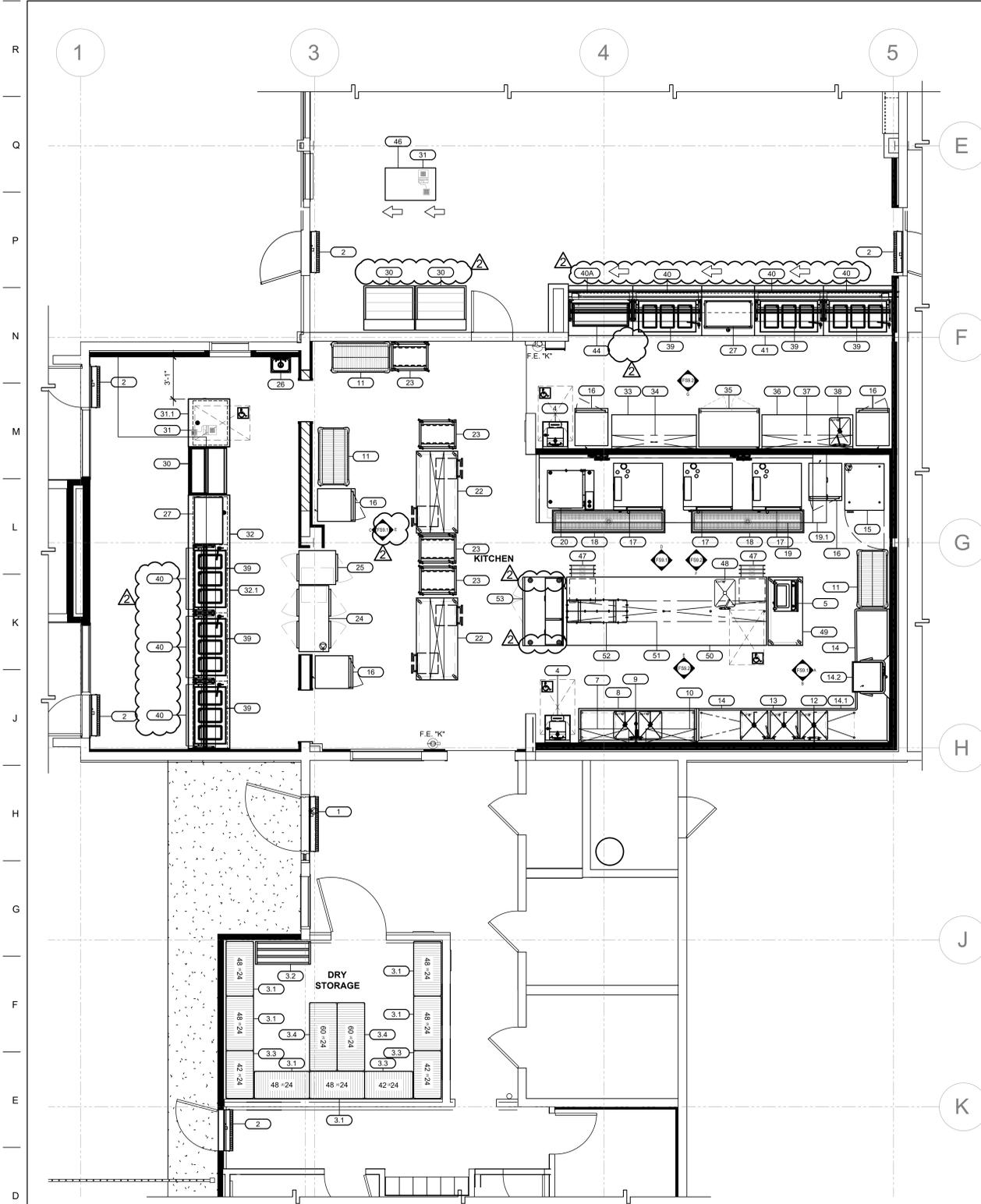
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 Architect

No.	Revision/Submission	Date
2	Revision/Submission Addendum #2	05/10/2023
Revision		
Designed By:	SD	Copyright © 2021 Darden Architects
Scale:	As indicated	Drawn By: EN
Project Number:	2123	Checked By: SD
Date:	03/28/23	Reviewed By: SD



A1 Enlarged Power Plan
 1/8" = 1'-0"

5/12/2023 11:45:39 AM Z:\Clients\Darden Architects\2009 - Thomas Jefferson MS Kitchen Remodel\CAD Files\22009 - Electrical - BC.dwg



FOODSERVICE EQUIPMENT FLOOR PLAN

SCALE : 1/4" = 1'-0"

1
FS1.1

APPLICABLE CODE: 2019 CBC 02/05/2020 REVISED: 02/14/2020

FOODSERVICE EQUIPMENT COMPONENT ANCHORAGE NOTE

ALL FOODSERVICE COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE DETAILS ON THE DSA-APPROVED CONSTRUCTION DOCUMENTS. THE FOLLOWING COMPONENTS SHALL BE ANCHORED OR BRACED TO MEET THE FORCE AND DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE 2019 CBC SECTIONS 1617A.1.18 THROUGH 1617A.1.26 AND ASCE-16 CHAPTERS 13, 26, AND 32.

- ALL PERMANENT EQUIPMENT AND COMPONENTS.
- TEMPORARY, MOVABLE OR MOBILE EQUIPMENT THAT IS PERMANENTLY ATTACHED (E.G. HARD WIRED) TO THE BUILDING UTILITY SERVICES SUCH AS ELECTRICITY, GAS OR WATER. "PERMANENTLY ATTACHED" SHALL INCLUDE ALL ELECTRICAL CONNECTIONS EXCEPT PLUGS FOR 110/220 VOLT RECEPTACLES HAVING A FLEXIBLE CABLE.
- TEMPORARY, MOVABLE OR MOBILE EQUIPMENT WHICH IS HEAVIER THAN 400 POUNDS OR HAS A CENTER OF MASS LOCATED 4 FEET OR MORE ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT IS REQUIRED TO BE RESTRAINED IN A MANNER APPROVED BY DSA.

THE FOLLOWING MECHANICAL AND ELECTRICAL COMPONENTS SHALL BE POSITIVELY ATTACHED TO THE STRUCTURE BUT NEED NOT DEMONSTRATE DESIGN COMPLIANCE WITH THE REFERENCES NOTED ABOVE. THESE COMPONENTS SHALL HAVE FLEXIBLE CONNECTIONS PROVIDED BETWEEN THE COMPONENT AND ASSOCIATED DUCTWORK, PIPING, AND CONDUIT. FLEXIBLE CONNECTIONS MUST ALLOW MOVEMENT IN BOTH TRANSVERSE AND LONGITUDINAL DIRECTIONS:

A. COMPONENTS WEIGHING LESS THAN 400 POUNDS AND HAVING A CENTER MASS 4 FEET OR LESS ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT.

B. COMPONENTS WEIGHING LESS THAN 20 POUNDS, OR IN THE CASE OF DISTRIBUTED SYSTEMS, LESS THAN 5 POUNDS PER FOOT, WHICH ARE SUSPENDED FROM A ROOF OR FLOOR OR HUNG FROM A WALL.

THE ANCHORAGE OF ALL MECHANICAL, ELECTRICAL AND PLUMBING COMPONENTS SHALL BE SUBJECT TO THE APPROVAL OF THE DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE OR STRUCTURAL ENGINEER DELEGATED RESPONSIBILITY AND ACCEPTANCE BY DSA. THE PROJECT INSPECTOR WILL VERIFY THAT ALL COMPONENTS AND EQUIPMENT HAVE BEEN ANCHORED IN ACCORDANCE WITH THE ABOVE REQUIREMENTS.

PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEM BRACING NOTE

PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEM SHALL BE BRACED TO COMPLY WITH THE FORCES AND DISPLACEMENTS PRESCRIBED IN ASCE 7-16 SECTION 13.3 AS DEFINED IN ASCE 13.6.5, 13.6.6, 13.6.7, 13.6.8, AND 2019 CBC, SECTIONS 1617A.1.24, 1617A.1.25 AND 1617A.1.26.

THE METHOD OF SHOWING BRACING AND ATTACHMENTS TO THE STRUCTURE FOR THE IDENTIFIED DISTRIBUTIONS SYSTEM ARE AS NOTED BELOW. WHEN BRACING AND ATTACHMENTS ARE BASED ON A PRE-APPROVED INSTALLATION GUIDE (E.G., OSHPD OPM FOR 2013 CBC OR LATER), COPIES OF THE BRACING SYSTEM INSTALLATION GUIDE OR MANUAL SHALL BE AVAILABLE ON THE JOBSITE PRIOR TO THE START OF AND DURING THE HANGING AND BRACING OF THE DISTRIBUTION SYSTEMS. THE STRUCTURAL ENGINEER OF RECORD SHALL VERIFY THE ADEQUACY OF THE STRUCTURE TO SUPPORT THE HANGER AND BRACE LOADS.

MECHANICAL PIPING (MP), MECHANICAL DUCTS (MD), PLUMBING PIPING (PP), ELECTRICAL DISTRIBUTION SYSTEMS (E):

MP MD PP E Option 1: DETAILED ON THE APPROVED DRAWINGS WITH PROJECT SPECIFIC NOTES AND DETAILS.

MP MD PP E Option 2: SHALL COMPLY WITH THE APPLICABLE OSHPD PRE-APPROVAL (OPM #) # _____.

FOODSERVICE DRAWINGS SHEET LIST

- FS1.1 - FOODSERVICE EQUIPMENT FLOOR PLAN
- FS1.2 - FOODSERVICE EQUIPMENT SCHEDULE
- FS2.1 - FOODSERVICE PLUMBING FLOOR PLAN
- FS3.1 - FOODSERVICE ELECTRICAL FLOOR PLAN
- FS3.2 - FOODSERVICE ELECTRICAL SCHEDULE
- FS4.1 - FOODSERVICE MECHANICAL FLOOR PLAN
- FS5.1 - FOODSERVICE EQUIPMENT EXHAUST HOOD
- FS5.2 - FOODSERVICE EQUIPMENT EXHAUST HOOD
- FS5.3 - FOODSERVICE EQUIPMENT EXHAUST HOOD
- FS5.4 - FOODSERVICE EQUIPMENT EXHAUST HOOD
- FS5.5 - FOODSERVICE EQUIPMENT EXHAUST HOOD
- FS5.6 - FOODSERVICE EQUIPMENT EXHAUST HOOD
- FS5.7 - FOODSERVICE EQUIPMENT EXHAUST HOOD
- FS8.1 - FOODSERVICE EQUIPMENT ANCHORAGE DETAILS
- FS8.2 - FOODSERVICE EQUIPMENT ANCHORAGE DETAILS
- FS8.3 - FOODSERVICE EQUIPMENT ANCHORAGE DETAILS
- FS8.4 - FOODSERVICE EQUIPMENT ANCHORAGE DETAILS
- FS8.5 - FOODSERVICE EQUIPMENT ELEVATIONS
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- FS8.100 - FOODSERVICE EQUIPMENT ELEVATIONS

NOTE
FOR FOODSERVICE EQUIPMENT SCHEDULE & SHEET NOTES SEE FS1.2

FLOOR LEGEND

SYMBOL/ABBREVIATION	DESCRIPTION	SYMBOL	DESCRIPTION
OFCI	OWNER FURNISH / CONTRACTOR INSTALLED		ACCESSIBLE CLEARANCES AND SYMBOL 30"x48" MIN CLEARANCE
OFOI	OWNER FURNISH / OWNER INSTALLED		OUTLINE OF FOODSERVICE EQUIPMENT
FSEC	FOODSERVICE EQUIPMENT CONTRACTOR		FOODSERVICE EQUIPMENT BELOW EQUIPMENT TOP
VFVI	VENDER FURNISH / VENDER INSTALLED		FOODSERVICE EQUIPMENT ABOVE EQUIPMENT TOP
(E), EXIST	EXISTING FOODSERVICE EQUIPMENT		MOBILE FOODSERVICE EQUIPMENT
(F)	FUTURE FOODSERVICE EQUIPMENT		FIRE EXTINGUISHER & CABINET REFER TO ARCH. DRAWINGS FOR FIRE EXTINGUISHER LOCATIONS
	BUILDING WALLS (SEE ARCH. DWGS.)	FS.1	SHEET NUMBER
	WALK-IN COOLER/ FREEZER INSULATED WALLS	(W.H)	WATER HEATER (SEE PLUMBING ENG. DWG.)
	KEY / SHEET NOTE		ELEVATION INDICATOR SYMBOL
	ITEM NUMBER SYMBOL (SEE EQUIPMENT SCHEDULE FOR DESCRIPTION)		
	KITCHEN ROOM/ AREA NAME AND ROOM NUMBER		
	COLUMN GRIDS WITH COLUMN INDICATORS		
	STORAGE SHELVING SIZES (Width x Length)		

DSA File No.: 20-30
 DSA Application No.: 02-120517
 Agency Approval

AMD
 FOODSERVICE DESIGN
 P.O BOX 163
 GARDEN VALLEY, CA
 95633
 p. 530-333-4606
 www.amdfoodservicedesign.com

THOMAS JEFFERSON M. S. KITCHEN REMODEL
 MADERA UNIFIED SCHOOL DISTRICT
 Madera, CA

BUILDING C
 FOODSERVICE EQUIPMENT

Drawing

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ARCHITECT

No.	Revision/Submission	Date
2	Addendum #2	5/10/2023

Revision

Designed By: - Copyright 2021 Darden Architects
 Drawn By: -
 Project Number: 2123 Checked By: -
 Date: 09/20/22 Reviewed By: -

FS1.1
 AD2-FSX01

EQUIPMENT SCHEDULE						
ITEM NO.	QTY	EQUIPMENT CATEGORY	MANUFACTURER	MODEL NUMBER	EQUIPMENT REMARKS	ANCHORAGE DETAIL
1	1	AIR CURTAIN, UNHEATED	BERNER	SLC07-1048A		K/F/S8.1
2	5	AIR CURTAIN, UNHEATED	BERNER	SLC07-1036A		K/F/S8.1
3.1	6	DRY STORAGE SHELVING	CAMBRO	CPU244864V54480		D/F/S8.1
3.2	1	RACK, DUNNAGE	CAMBRO	DRS480480		
3.3	3	DRY STORAGE SHELVING	CAMBRO	CPU244264V5480		D/F/S8.1
3.4	2	DRY STORAGE SHELVING	CAMBRO	CPU246064V54480		D/F/S8.1
4	2	SINK, HAND, WALL MOUNT	EAGLE GROUP/METAL MASTERS	HSAF-14-ADA-FW		C/F/S8.1
5	1	VACUUM PACKAGING MACHINE	HENKELMAN USA	BOXER 52II COMBIVAC		
6		SPARE				
7	1	DOUBLE WALL SHELF	CUSTOM	FABRICATED ITEM		G/F/S8.1
8	1	PREP SINK	CUSTOM	FABRICATED ITEM		B/F/S8.2
9	1	PRE-RINSE & FILL FAUCET	FISHER	34452		
10	1	DOUBLE WALL SHELF	CUSTOM	FABRICATED ITEM		G/F/S8.1
11	2	MOBILE POT AND PAN STORAGE SHELVING	CAMBRO	EMU244878V5580		
12	1	PRE-RINSE SPRAY UNIT	FISHER	13390		
13	1	THREE COMPARTMENT POT WASH SINK	CUSTOM	FABRICATED ITEM		B/F/S8.2
14	2	CLEAN DISHTABLE	CUSTOM	FABRICATED ITEM		B/F/S8.2
14.1	1	SOILED DISHTABLE	CUSTOM	FABRICATED ITEM		B/F/S8.2
14.2	1	DISHWASHER, VENTLESS, DOOR TYPE	CHAMPION	DH-800QT-VHF		K/F/S8.3
15	1	BLAST CHILLER / SHOCK FREEZER, ROLL-IN	IRINOX NORTH AMERICA	MF 70.1L PLUS	OFCI	B/F/S8.3
16	5	MOBILE WARMING & HOLDING CABINET	CRES COR	H1375U90		L/F/S8.1
17	3	COMBI OVEN -ROLL-IN	RATIONAL USA	ICOMBI PRO 20-FULL SIZE G (ICP 20-FULL NG)	VERIFY GAS TYPE OFCI	L/F/S8.1
18	2	FLOOR TROUGH	EAGLE GROUP	FT-1896-SG-ADA	WIADA GRATE	G/F/S8.2
19	1	EXHAUST HOOD	CAPTIVE AIR	6024ND-2-PSP-F		K/F/S8.2
19.1	1	FIRE SYSTEM	CAPTIVE AIRE / ANSUL	R-102		K/F/S8.2
20	1	TILT SKILLET, ELECTRIC, POWER TILT	RATIONAL USA	IVARIO PRO L W STANDARD FEET (208/240V)	W/FLANGED FEET OFCI	I/F/S8.3
21		SPARE				
22	2	MOBILE WORK TABLE WITH UTENSIL DRAWERS	CUSTOM	FABRICATED ITEM	W/12" OVER SHELF	
23	3	RACK, PAN, FULL SIZE	CAMBRO	UPR1828FA40580		
24	1	CABINET, HEATED, PASS-THRU	TRAUlsen	RHF232WP-HHG		H/F/S8.3
25	1	REFRIGERATOR, PASS-THRU	TRAUlsen	RHT1132WP/UT-FHG		D/F/S8.3
26	1	HAND SINK, WALL MOUNT	ADVANCE TABCO	Y-PS-68		C/F/S8.2
27	2	DISPLAY CASE, HEATED	HATCO	GRSDS-36D		
28		SPARE				
29		SPARE				
30	3	REFRIGERATED SELF-SERVICE CASE	HYDRA KOOL	KGL-RM-40-S	1 Unit OFCI 2 Units CFCl	
31	2	P.O.S				
31.1	1	SERVING COUNTER	DUKE	FABRICATED ITEM		B/F/S8.2
32	1	SERVING COUNTER	DUKE	FABRICATED ITEM		B/F/S8.2
32.1	1	SERVING COUNTER	DUKE	FABRICATED ITEM	(1)	B/F/S8.2
33	1	WORK COUNTER	CUSTOM	FABRICATED ITEM		B/F/S8.2
34	1	WALL MOUNTED SHELF	CUSTOM	FABRICATED ITEM		G/F/S8.1
35	1	REFRIGERATOR, REACH-IN	TRUE MANUFACTURING CO., INC.	STG2R-2G-HC		C/F/S8.3
36	1	WORK COUNTER	CUSTOM	FABRICATED ITEM		B/F/S8.2
37	1	WALL MOUNTED SHELF	CUSTOM	FABRICATED ITEM		G/F/S8.1
38	1	PREP SINK	CUSTOM	FABRICATED ITEM		B/F/S8.2
39	6	DROP-IN HOT/COLD/FREEZE UNIT	UTI	DLSCHEP-3		
40	6	SNEEZE GUARD W/ LIGHTS	DUKE	FABRICATED ITEM		
40A	1	SNEEZE GUARD W/ LIGHTS AND HEATER	DUKE	BGA-1-80		
41	1	SERVING COUNTER	DUKE	FABRICATED ITEM	(2)	B/F/S8.2
42		SPARE				
43		SPARE				
44	1	DROP-IN HEATED GLASS SHELF	HATCO	HDB-381L		
45	2	REFRIGERATED SELF-SERVICE CASE	HYDRA KOOL	KGL-RS-60-S	OFCI	B/F/S8.2
46	1	POS COUNTER	SERVE SMART	DF-21		MOBILE
47	2	3 TIER UTENSIL DRAWER	CUSTOM	FABRICATED ITEM		B/F/S8.2
48	1	CHEFS SINK	CUSTOM	FABRICATED ITEM		B/F/S8.2
49	1	MOBILE WORK TABLE WITH UTENSIL DRAWER	CUSTOM	FABRICATED ITEM	W/U SHAPED CROSS BRACING	B/F/S8.2
50	1	CHEFS COUNTER	CUSTOM	FABRICATED ITEM		E/F/S8.1
51	1	DOUBLE OVERSHELF	CUSTOM	FABRICATED ITEM		E/F/S8.1
52	1	TABLE MOUNTED POT RACK	EAGLE GROUP/METAL MASTERS	TM60PR		E/F/S8.1
53	1	PIZZA/ SANDWICH PREP TABLE	TRUE MANUFACTURING CO., INC.	TPP-AT-60-HC	OFCI	B/F/S8.2

SCHEDULE NOTES

- 1. SEE MANUFACTURER DRAWINGS / SPECIFICATIONS FOR ITEM CONFIGURATIONS. THIS ITEM INCLUDES ITEMS 32.1A, 32.1B, AND 32.1C LISTED IN THE SERVING LINE DRAWINGS.
- 2. SEE MANUFACTURER DRAWINGS / SPECIFICATIONS FOR ITEM CONFIGURATIONS. THIS ITEM INCLUDES ITEMS 41.1, 41.2, 41.3, 41.4, AND 41.5 LISTED IN THE SERVING LINE DRAWINGS.

KITCHEN EQUIPMENT ANCHORAGE NOTE

- ALL "HARDWARE AND GAS" KITCHEN EQUIPMENT SHALL BE INSTALLED WITH SEISMIC RESTRAINTS PER GUIDELINES FOR SEISMIC RESTRAINTS OF KITCHEN EQUIPMENT AS PUBLISHED BY SMACNA AND THE DSA FIELD ENGINEER.
- WHERE ANCHORAGE DETAILS ARE NOT SHOWN ON DRAWINGS OR IN GUIDELINES, THE FIELD INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE ARCHITECT AND THE DSA FIELD ENGINEER.
- A COPY OF THE "GUIDELINES" SHALL BE PROVIDED BY THE CONTRACTOR AND KEPT ON THE JOB SITE AT ALL TIMES.

SHEET NOTES

- ALL PENETRATIONS 12" OR LARGER TO BE CAST AT THE PRE-CAST MANUFACTURER'S PLANT AND WILL BE COORDINATED WITH THE ENGINEER OF RECORD AND THE PRE-CAST CONCRETE ENGINEER PRIOR TO CASTING.
- ALL PENETRATIONS SMALLER THAN 12" SHALL BE CORED IN THE FIELD AND COORDINATED WITH THE ENGINEER OF RECORD AND THE PRE-CAST CONCRETE ENGINEER. PRIOR TO CORING, PRE-CAST ENGINEER TO REVIEW LOCATIONS TO ENSURE THE PENETRATIONS ARE NOT GOING THROUGH FLEXURAL REINFORCEMENT.
- REFER TO ARCH. DRAWINGS FOR FIRE EXTINGUISHER LOCATIONS. FIRE EXTINGUISHER FOR KITCHENS TO BE BY TYPE K.
- "ALL WORK SHALL CONFORM TO THE CALIFORNIA BUILDING CODE, CALIFORNIA ELECTRICAL CODE, CALIFORNIA MECHANICAL AND PLUMBING CODES, CALIFORNIA HEALTH AND SAFETY CODE. ALL FOOD SERVICES EQUIPMENT SHALL MEET AND BE INSTALLED PER THE REQUIREMENTS OF THE CALIFORNIA HEALTH AND SAFETY CODE DIVISION 22 AND ALL LOCAL CODES AND ORDINANCES."

KITCHEN EQUIPMENT BRACING NOTE

ALL KITCHEN EQUIPMENT SHALL BE ANCHORED AND INSTALLED PER THE DETAILS ON THE DSA APPROVED CONSTRUCTION DOCUMENTS. WHERE NO DETAIL IS INDICATED, THE FOLLOWING COMPONENTS SHALL BE ANCHORED OR BRACED TO MEET THE FORCE AND DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE 2019 CBC, SECTIONS 1617A.1.18 THROUGH 1617A.1.26 AND ASCE 7-16 CHAPTER 13, 26 AND 30.

- ALL PERMANENT EQUIPMENT AND COMPONENTS.
- TEMPORARY OR MOVABLE EQUIPMENT THAT IS PERMANENTLY ATTACHED (e.g. HARD WIRED) TO THE BUILDING UTILITY SERVICES SUCH AS ELECTRICITY, GAS OR WATER. "PERMANENTLY" ATTACHED SHALL INCLUDE ALL ELECTRICAL CONNECTIONS EXCEPT PLUGS FOR 110/220 VOLT RECEPTACLES HAVING A FLEXIBLE CABLE.
- MOVABLE EQUIPMENT WHICH IS STATIONED IN ONE PLACE FOR MORE THAN 8 HOURS AND HEAVIER THAN 400 POUNDS OR HAS A CENTER OF MASS LOCATED 4 FEET OR MORE ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT ARE REQUIRED TO BE ANCHORED WITH TEMPORARY ATTACHMENTS.

THE FOLLOWING KITCHEN EQUIPMENT SHALL BE POSITIVELY ATTACHED TO THE STRUCTURE, BUT NEED NOT DEMONSTRATE DESIGN COMPLIANCE WITH THE REFERENCES NOTED ABOVE. THESE COMPONENTS SHALL HAVE FLEXIBLE CONNECTIONS PROVIDED BETWEEN THE COMPONENT AND ASSOCIATED DUCTWORK, PIPING, AND CONDUIT. FLEXIBLE CONNECTIONS MUST ALLOW MOVEMENT IN BOTH TRANSVERSE AND LONGITUDINAL DIRECTIONS:

A. COMPONENTS WEIGHING LESS THAN 400 POUNDS AND HAVE A CENTER OF MASS LOCATED 4 FEET OR LESS ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT.

B. COMPONENTS WEIGHING LESS THAN 20 POUNDS, OR IN THE CASE OF DISTRIBUTED SYSTEMS, LESS THAN 5 POUNDS PER FOOT, WHICH ARE SUSPENDED FROM A ROOF OR FLOOR OR HUNG FROM A WALL.

THE ANCHORAGE OF ALL KITCHEN EQUIPMENT SHALL BE SUBJECT TO THE APPROVAL OF THE DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE OR STRUCTURAL ENGINEER DELEGATED RESPONSIBILITY AND ACCEPTANCE BY DSA. THE PROJECT INSPECTOR WILL VERIFY THAT ALL COMPONENTS AND HAVE BEEN ANCHORED IN ACCORDANCE WITH ABOVE REQUIREMENTS.

KITCHEN EQUIPMENT HOOD AND FIRE SYSTEM

- THE KITCHEN HOOD FIRE SUPPRESSION SYSTEM SHALL CONFORM TO THE REQUIREMENTS OF THE 2017 EDITION OF THE NFPA 17A. (UL 300 SYSTEM)
- INSTALLATION OF THE FIRE SUPPRESSION SYSTEM SHALL NOT BE STARTED UNTIL COMPLETE PLANS AND SPECIFICATIONS HAVE BEEN APPROVED BY DEPT. OF STATE ARCHITECT.
- UPON COMPLETION OF THE SYSTEM IT SHALL BE TESTED IN THE PRESENCE OF THE STATE FIRE MARSHAL.

HEALTH DEPARTMENT NOTES:

- PROVIDE THERMOMETER IN ALL REFRIGERATION UNITS CONTAINING PERISHABLE FOODS.
- PROVIDE PROBE THERMOMETER FOR CHECKING HOT AND COLD FOODS.
- FOOD STORAGE SHELVES SHALL BE MINIMUM SIZE (6) INCHES ABOVE FLOOR.
- ALL EQUIPMENT SHALL MEET OR BE EQUIVALENT TO "NSF" STANDARDS
- PROVIDE GARMENT STORAGE AREA LOCKER, CABINET OR HANGERS FOR EMPLOYEE GARMENTS.
- RODENT AND INSECT-PROOF ALL EXTERIOR DOORS AND WINDOWS. PROVIDE HEAVY-DUTY SELF-CLOSERS ON ALL EXTERIOR DOORS AND RESTROOM DOORS. SEAL ALL HOLES OR GAPS AROUND PIPES ENTERING BUILDING.
- EXTERIOR DOORS SHALL BE RODENT PROOF WITH NO OPENINGS GREATER THAN 1/4 INCH.
- PROVIDE HARDWOOD, METAL, FORMICA OR OTHER APPROVED MATERIALS, SMOOTH WITH SEALER ON ALL TABLE, COUNTERS, SHELVES, AND OTHER FOOD CONTACT SURFACES.
- PROVIDE HAZARDOUS SUBSTANCE LOCATION: SEPARATE CABINET, ROOM OR DESIGNATED AREA FOR STORAGE OF PESTICIDE AND CLEANING COMPOUNDS.
- INSTALL EQUIPMENT TO FACILITATE CLEANING. PLACE FLOOR MOUNTED UNITS ON CASTERS, MINIMUM SIX (6) INCHES HIGH.
- ROUND, METAL LEGS, OR SEAL IN POSITION ON MINIMUM FOUR (4) INCH CURB.
- UNPACKAGED PROCESSED FOODS ON DISPLAY SHALL BE EFFECTIVELY SHIELDED OR COVERED.
- PROVIDE SOAP AND TOWEL DISPENSERS AT ALL HAND WASHING SINKS.
- FLOOR SINKS SHALL BE INSTALLED FLUSH WITH FLOOR AND READILY ACCESSIBLE FOR CLEANING.
- GREASE INTERCEPTORS SHALL BE INSTALLED READILY ACCESSIBLE FOR CLEANING.
- PROVIDE PROTECTIVE COVERS ON ALL LIGHTS IN FOOD PREPARATION, OPENED FOOD STORAGE ROOM(S), UTENSIL WASH AREAS, OR USE SHATTERPROOF BULBS.
- LIGHTING REQUIREMENTS:
 - MINIMUM SOFT CANDLES REQUIRED IN FOOD PREP AREA
 - MINIMUM 20FT. CANDLES REQUIRED IN RESTROOMS AND BARS
 - MINIMUM 10FT. CANDLES REQUIRED IN REFRIGERATORS
 - MINIMUM 10FT. CANDLES REQUIRED IN STORAGE AREAS
 - LIGHTING SHALL BE SHATTERPROOF OR SHIELDED
- EXISTING FIXTURES, FINISHES, AND EQUIPMENT SHALL BE IN OPERABLE CONDITION AND SUBJECT TO FIELD APPROVAL.
- WALLS & CEILING IN THE RESTROOMS, PREPARATION, STORAGE, AND JANITORIAL AREAS SHALL BE CONSTRUCTED OF APPROVED MATERIALS SO AS TO BE SMOOTH, WASHABLE, AND EASY TO CLEAN.

NOTE
FOR FOODSERVICE EQUIPMENT FLOOR PLAN SHEET FS.1.1

DSA File No.: 20-30
 DSA Application No.: 02-120517
 Agency Approval

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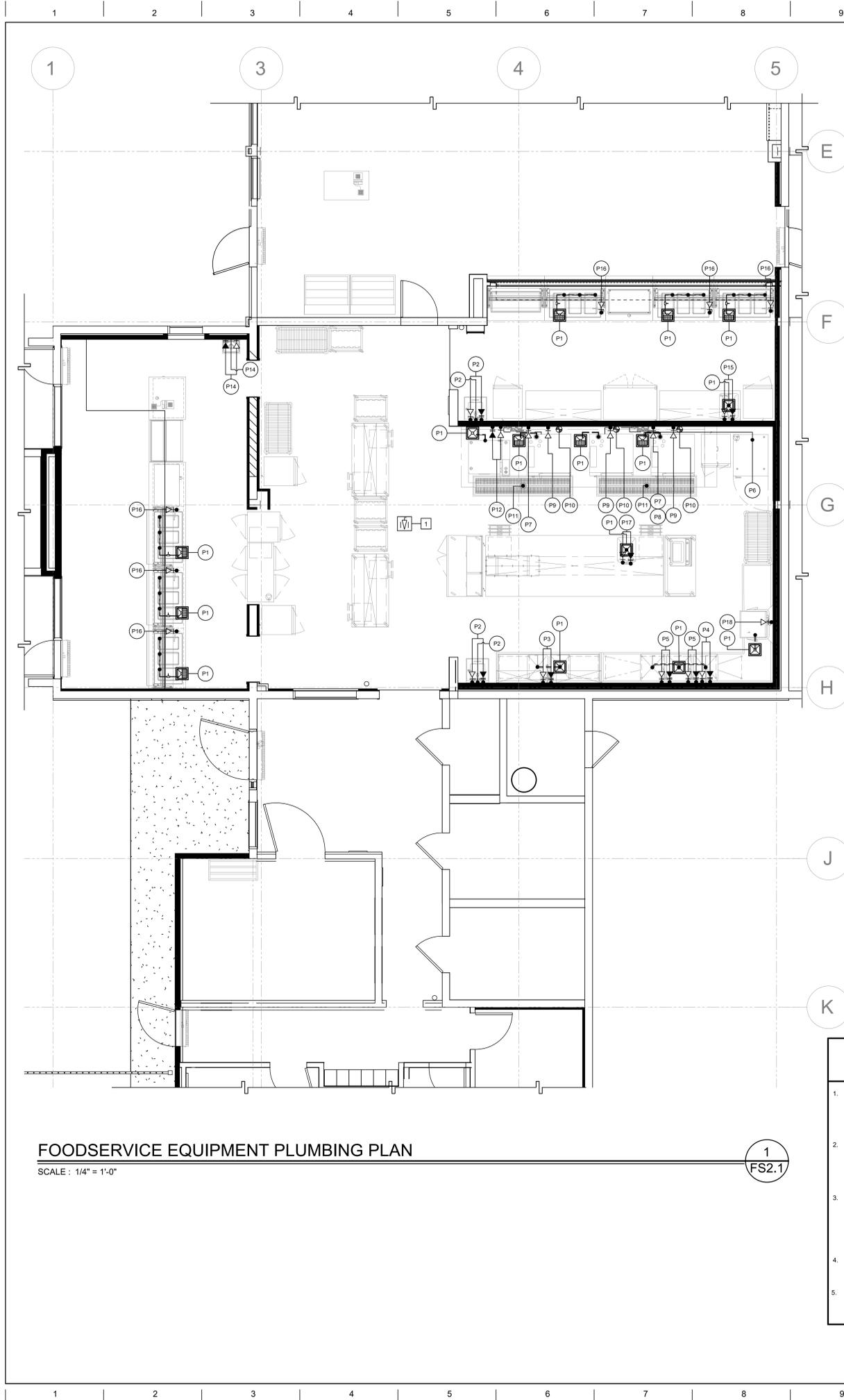
THOMAS JEFFERSON M. S. KITCHEN REMODEL
 MADERA UNIFIED SCHOOL DISTRICT
 Madera, CA

BUILDING C
 FOODSERVICE EQUIPMENT SCHEDULE
 Drawing

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No.	Revision/Submission	Date
2	Addendum #2	5/10/2023
Revision		
Designed By:	-	Copyright 2021 Darden Architects
Scale:	As indicated	Drawn By: -
Project Number:	2123	Checked By: -
Date:	09/20/22	Reviewed By: -

FS.1.2
AD2-FSX02



PLUMBING SCHEDULE

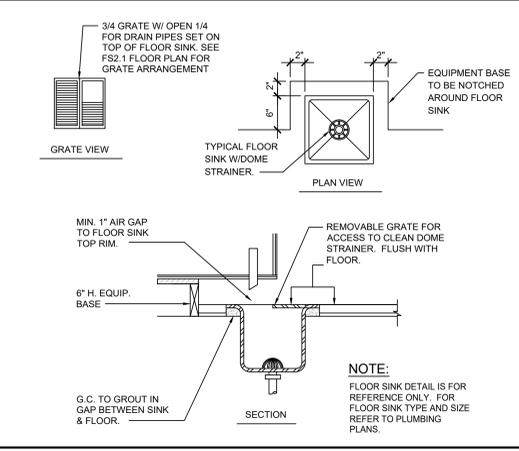
PLUM NO.	ITEM NO.	DESCRIPTION	QTY	WATER			WASTE			GAS			REMARKS	NOTE(S)
				CONN. SIZE G.W.	CONN. SIZE H.W.	HGT. @ WALL	CONN. SIZE DIR.	CONN. SIZE INDIR.	HGT. @ WALL	BTU/HR (K1,000)	CONN. SIZE	HGT. @ WALL		
P1	-	FLOOR SINK	14EA	-	-	-	-	-	-	-	-	-	INSTALL FLUSH WITH FINISH FLOOR. PROVIDE GRATE COVER W/ DOME STRAINER. SIZE 12" x 12" x 8"	
P2	4	WALL MOUNTED HAND SINK FAUCET W/ 1/2" INLET 4" CENTER	2EA	1/2"	1/2"	18"	1 1/2"	-	24"	-	-	-	PROVIDE S.O.V., RUN PIPING TO UNIT CONNECTION. RUN DIRECT WASTE WITH P-TRAP.	
P3	8/9	PREP SINK FAUCET W/ 1/2" INLET 8" CENTER DECK MOUNT	1EA	1/2"	1/2"	16"	-	2"	-	-	-	-	PROVIDE S.O.V., RUN PIPING TO UNIT CONNECTION. PROVIDE 2" INDIRECT DRAIN TO F.S. P1. (CHROME OR PAINT SILVER)	
P4	12	PRE-RINSE FAUCET, SPLASH MOUNT FAUCET W/ 1/2" INLET 8" CENTER	1EA	1/2"	1/2"	16"	-	-	-	-	-	-	PROVIDE S.O.V., RUN PIPING TO UNIT CONNECTION.	
P5	13	POTWASH SINK FAUCET W/ 3/4" INLET 8" CENTER	2EA	3/4"	3/4"	16"	-	2"	-	-	-	-	PROVIDE S.O.V., RUN PIPING TO UNIT CONNECTION. PROVIDE 2" INDIRECT DRAIN TO F.S. P1. (CHROME OR PAINT SILVER)	
P6	15	BLAST CHILLER INDIRECT DRAIN	1EA	-	-	-	-	1 1/4"	-	-	-	-	PROVIDE 1 1/4" INDIRECT DRAIN TO F.S. P1. (CHROME OR PAINT SILVER)	
P7	17	COMBI OVEN WATER FILTER	2EA	3/4"	-	38"	-	-	-	-	-	-	PROVIDE S.O.V., RUN PIPING TO UNIT CONNECTION.	1 2
P8	17	COMBI OVEN WATER FILTER	1EA	3/4"	-	64"	-	-	-	-	-	-	PROVIDE S.O.V., RUN PIPING TO UNIT CONNECTION.	1 2
P9	17	COMBI OVEN NON-FILTERED WATER CONNECTION	3EA	3/4"	-	24"	-	2"	-	-	-	-	PROVIDE S.O.V., RUN PIPING TO UNIT CONNECTION. PROVIDE 2" INDIRECT DRAIN TO F.S. P1. (CHROME OR PAINT SILVER)	1
P10	17	COMBI OVEN GAS	2EA	-	-	-	-	-	-	303	3/4"	12"	PROVIDE S.O.V., RUN PIPING TO UNIT CONNECTION.	
P11	18	FLOOR TROUGH	2EA	-	-	-	4"	-	-10.25"	-	-	-	RUN DIRECT WASTE WITH P-TRAP.	4
P12	20	TILT SKILLET	1EA	3/4"	3/4"	24"	-	2"	-	-	-	-	PROVIDE S.O.V., RUN PIPING TO UNIT CONNECTION. PROVIDE 1" INDIRECT DRAIN TO F.S. P1.	
P13		SPARE												
P14	26	WALL MOUNTED HAND SINK FAUCET W/ 1/2" INLET 4" CENTER	1EA	1/2"	1/2"	18"	1 1/2"	-	24"	-	-	-	PROVIDE S.O.V., RUN PIPING TO UNIT CONNECTION. RUN DIRECT WASTE WITH P-TRAP.	
P15	38	PREP SINK FAUCET W/ 1/2" INLET 8" CENTER DECK MOUNT	1EA	1/2"	1/2"	16"	-	2"	-	-	-	-	PROVIDE S.O.V., RUN PIPING TO UNIT CONNECTION. PROVIDE 2" INDIRECT DRAIN TO F.S. P1. (CHROME OR PAINT SILVER)	
P16	39	HOT/COLD FOOD WELLS	6EA	1/2"	-	16"	-	1"	-	-	-	-	PROVIDE S.O.V., RUN PIPING TO UNIT CONNECTION. PROVIDE 1" INDIRECT DRAIN TO F.S. P1.	
P17	48	CHEFS SINK FAUCET W/ 1/2" INLET 8" CENTER	1EA	1/2"	1/2"	16"	-	2"	-	-	-	-	PROVIDE S.O.V., RUN PIPING TO UNIT CONNECTION. PROVIDE 2" INDIRECT DRAIN TO F.S. P1. (CHROME OR PAINT SILVER)	
P18	14.2	HI TEMP WARE WASHER	1EA	3/4"	-	18"	-	1"	-	-	-	-	PROVIDE S.O.V., RUN PIPING TO UNIT CONNECTION. PROVIDE 1" INDIRECT DRAIN TO F.S. P1. (CHROME OR PAINT SILVER)	3

PLUMBING KEY NOTE(S):

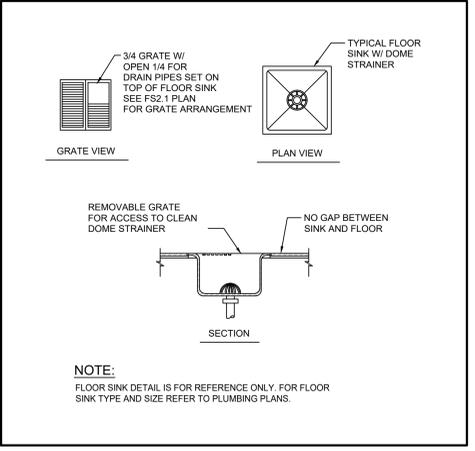
- VERIFY WATER QUALITY MEETS MANUFACTURERS STANDARD MINIMUM REQUIREMENTS
- CONNECT OUTLET FROM WATER FILTER TO FILTERED WATER CONNECTION 17
- PROVIDE WATER TEMPERING KIT IF LOCAL CODE REQUIRES
- VERIFY LOCATION WITH EQUIPMENT POOR PATTERN

FIRE SYSTEM NOTE:

- FURNISH AUTOMATIC GAS SHUT-OFF VALVE INCLUDING ANY NECESSARY ACCESS PANEL. CONTRACTOR SHALL INSTALL THE AUTOMATIC SHUT-OFF VALVE IN AN ACCESSIBLE LOCATION. REFER TO PLUMBING DRAWINGS FOR GAS VALVE LOCATION.



FLUSH FLOOR SINK DETAIL 1
 SCALE: NONE LOCATED UNDER WORK COUNTERS FS2.1



FLUSH FLOOR SINK DETAIL 2
 SCALE: NONE FS2.1

- #### PLUMBING NOTES (MINIMUM REQUIREMENTS UNLESS NOTED OTHERWISE)
- PLUMBING CONTRACTOR TO VERIFY ALL INCOMING SERVICE AND MAKE FINAL HOOK-UPS TO ALL APPLICABLE EQUIPMENT AND TO PROVIDE ALL PIPING, TEES, ELBS, TRAPS, FILTERS, REGULATORS, FAUCETS, ETC., UNLESS SPECIFICALLY STATED OTHERWISE.
 - ALL HORIZONTAL DIMENSIONS SHOWN ON PLAN ARE FROM FINISHED FACE OF WALL TO CENTERLINE OF STUB-OUT OR FROM CENTERLINE OF STUB-OUT TO CENTERLINE OF STUB-OUT, UNLESS NOTED OTHERWISE ON PLAN OR DETAILS. (VERIFY ALL DIMENSIONS)
 - SYMBOLS NOTED "24", "48", ETC., INDICATES TO STUB-OUT OF WALL AT HEIGHT INDICATED. HEIGHT IS GIVEN FROM FINISHED FLOOR (NOT FINISHED CURB) TO CENTERLINE OF STUB-OUT. SYMBOLS INDICATED "STUB-UP" AND "STUB-DOWN" ARE TO EXTEND ABOVE FINISHED FLOOR AND/OR BELOW FINISHED CEILING AT LOCATION SHOWN.
 - PLUMBING STUBS AND CONNECTIONS SHOWN ON PLANS ARE FOR EQUIPMENT FURNISHED BY THE FOOD SERVICE EQUIPMENT CONTRACTOR.
 - FLOOR SINKS SHOWN ARE TO BE SET FLUSH WITH TOP OF FINISHED FLOOR. FLOOR SINKS INDICATED HALF-IN AND HALF-OUT OF EQUIPMENT
 - PLUMBING CONTRACTOR TO PROVIDE AND INSTALL REMOVABLE COVERS OR GRATES FOR ALL FULLY OR PARTIALLY EXPOSED FLOOR SINKS. GRATES TO HAVE 1/2" MAX OPENING WHERE DRAIN IS EXPOSED TO P.O.T. OR TO PEDESTRIAN WAYS TYP.
 - PLUMBING CONTRACTOR SHALL SEAL ALL PLUMBING PENETRATIONS THROUGH WALLS, FLOORS, AND CEILINGS. WATERTIGHT AND VERMIN-PROOF.
 - PLUMBING CONTRACTOR TO PROVIDE AND INSTALL SHUT-OFF VALVES ON ALL WATER AND GAS LINES, INCLUDING VALVES IN FIXTURES, LOCATED IN SUCH A WAY AS TO BE ACCESSIBLE WITHOUT USE OF TOOLS.
 - PLUMBING CONTRACTOR TO PROVIDE AND INSTALL FOR ALL APPLICABLE EQUIPMENT, A TRAPPED FLOOR SINK WITH A LEGAL AIR GAP DRAIN LINE (INDIRECT WASTE) TO FLOOR SINK. INSULATE ALL DRAIN LINES FROM ICE BINS, ICE MACHINES, REFRIG. EQUIP., ETC.

FOODSERVICE PLUMBING LEGEND

ABREV./SYMB.	DESCRIPTION	SYMBOL	DESCRIPTION
C.W.	COLD WATER	(P1)	PLUMBING SCHEDULE REFERENCE. REFER TO FS2.1 FOR SCHEDULE
H.W.	HOT WATER	(1)	SHEET AND/OR KEY NOTE
DIR.	WASTE (DIRECT CONNECTION)	▶	COLD WATER INLET
INDIR.	INDIRECT WASTE (AIR GAP)	▶	HOT WATER INLET
LAV.	LAVATORY	▶	WATER CONNECTION TO EQUIPMENT
W.C.	WATER CLOSET	▶	SHUT OFF VALVE (S.O.V.)
F.S.	FLOOR SINK	○	COLD WATER SHUT OFF VALVE
P.C.	PLUMBING CONTRACTOR	○	GAS SHUT-OFF VALVE
G.C.	GENERAL CONTRACTOR	◻	FLOOR SINK
K.E.C.	KITCHEN EQUIPMENT CONTRACTOR	◻	FLOOR DRAIN
S.O.V.	SHUT OFF VALVE	○	WASTE DOWN
GPH	GALLONS PER HOUR	○	GAS INLET
PSI	POUNDS PER SQUARE INCH	○	I.D. DRAIN LINE
(F)	DEGREES FAHRENHEIT	○	
CONN.	CONNECT	○	
LOC.	LOCATE	○	

- #### PLUMBING PLAN SHEET NOTES
- GAS SHUT-OFF VALVE FOR ANSUL SYSTEM WITH ACCESS DOOR. REFER TO PLUMBING PLANS FOR LOCATION.

FOODSERVICE EQUIPMENT PLUMBING PLAN
 SCALE: 1/4" = 1'-0"

DSA File No.: 20-30
 DSA Application No.: 02-120517



**THOMAS JEFFERSON M. S. KITCHEN
 REMODEL**
 MADERA UNIFIED SCHOOL DISTRICT
 Madera, CA

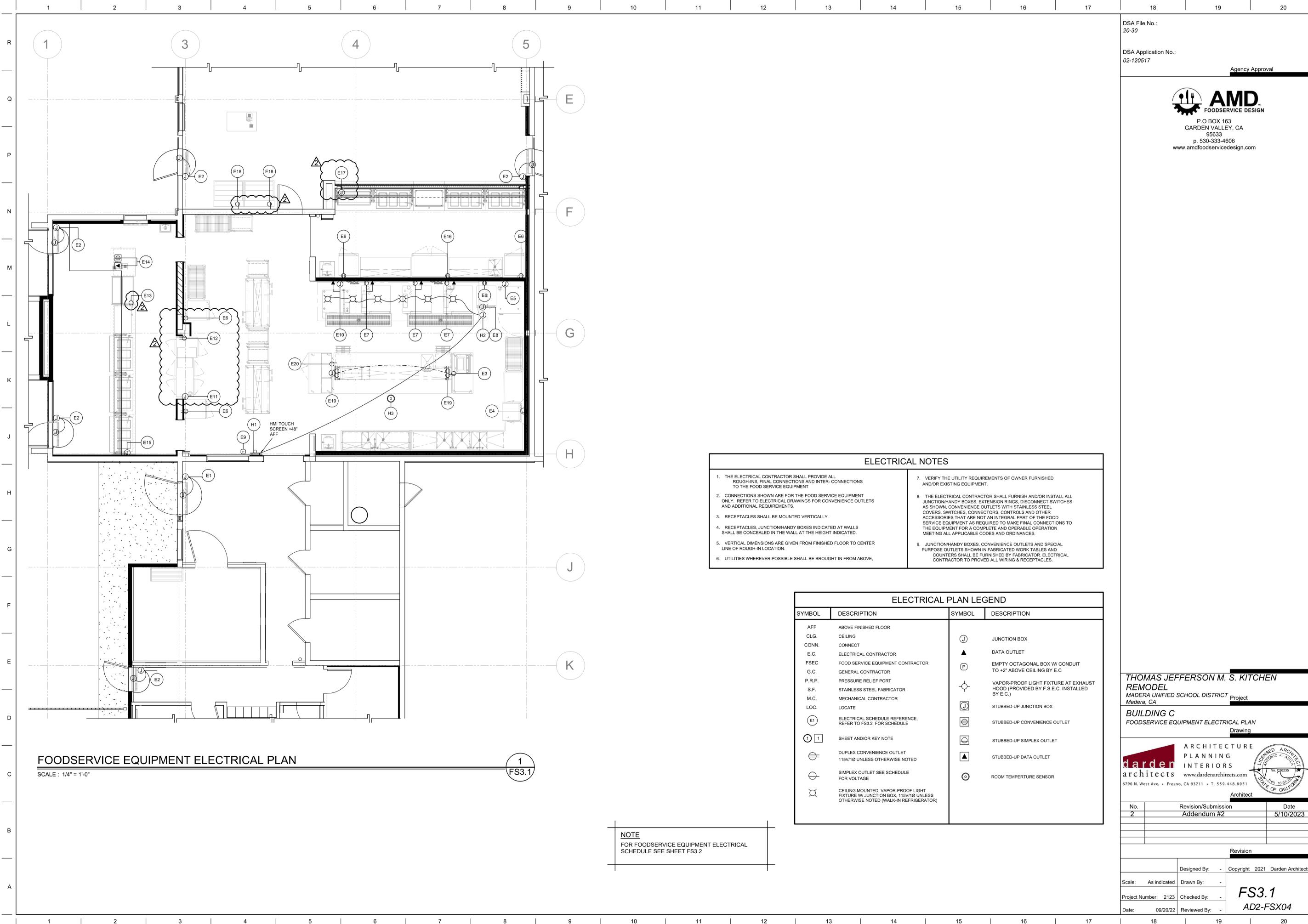
BUILDING C
 FOODSERVICE EQUIPMENT PLUMBING PLAN
 Drawing



No.	Revision/Submission	Date
2	Revision/Addendum #2	5/10/2023

Revision
 Designed By: - Copyright 2021 Darden Architects
 Scale: As indicated Drawn By: -
 Project Number: 2123 Checked By: -
 Date: 09/20/22 Reviewed By: -

FS2.1
 AD2-FSX03



FOODSERVICE EQUIPMENT ELECTRICAL PLAN

SCALE : 1/4" = 1'-0"

1
FS3.1

NOTE
FOR FOODSERVICE EQUIPMENT ELECTRICAL SCHEDULE SEE SHEET FS3.2

ELECTRICAL NOTES

- | | |
|---|---|
| 1. THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL ROUGH-INS, FINAL CONNECTIONS AND INTER-CONNECTIONS TO THE FOOD SERVICE EQUIPMENT. | 7. VERIFY THE UTILITY REQUIREMENTS OF OWNER FURNISHED AND/OR EXISTING EQUIPMENT. |
| 2. CONNECTIONS SHOWN ARE FOR THE FOOD SERVICE EQUIPMENT ONLY. REFER TO ELECTRICAL DRAWINGS FOR CONVENIENCE OUTLETS AND ADDITIONAL REQUIREMENTS. | 8. THE ELECTRICAL CONTRACTOR SHALL FURNISH AND/OR INSTALL ALL JUNCTIONHANDY BOXES, EXTENSION RINGS, DISCONNECT SWITCHES AS SHOWN, CONVENIENCE OUTLETS WITH STAINLESS STEEL COVERS, SWITCHES, CONNECTORS, CONTROLS AND OTHER ACCESSORIES THAT ARE NOT AN INTEGRAL PART OF THE FOOD SERVICE EQUIPMENT AS REQUIRED TO MAKE FINAL CONNECTIONS TO THE EQUIPMENT FOR A COMPLETE AND OPERABLE OPERATION MEETING ALL APPLICABLE CODES AND ORDINANCES. |
| 3. RECEPTACLES SHALL BE MOUNTED VERTICALLY. | 9. JUNCTIONHANDY BOXES, CONVENIENCE OUTLETS AND SPECIAL PURPOSE OUTLETS SHOWN IN FABRICATED WORK TABLES AND COUNTERS SHALL BE FURNISHED BY FABRICATOR. ELECTRICAL CONTRACTOR TO PROVIDE ALL WIRING & RECEPTACLES. |
| 4. RECEPTACLES, JUNCTIONHANDY BOXES INDICATED AT WALLS SHALL BE CONCEALED IN THE WALL AT THE HEIGHT INDICATED. | |
| 5. VERTICAL DIMENSIONS ARE GIVEN FROM FINISHED FLOOR TO CENTER LINE OF ROUGH-IN LOCATION. | |
| 6. UTILITIES WHEREVER POSSIBLE SHALL BE BROUGHT IN FROM ABOVE. | |

ELECTRICAL PLAN LEGEND

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
AFF	ABOVE FINISHED FLOOR	J	JUNCTION BOX
CLG.	CEILING	▲	DATA OUTLET
CONN.	CONNECT	P	EMPTY OCTAGONAL BOX W/ CONDUIT TO +2" ABOVE CEILING BY E.C.
E.C.	ELECTRICAL CONTRACTOR	⊙	VAPOR-PROOF LIGHT FIXTURE AT EXHAUST HOOD (PROVIDED BY F.S.E.C. INSTALLED BY E.C.)
FSEC	FOOD SERVICE EQUIPMENT CONTRACTOR	J	STUBBED-UP JUNCTION BOX
G.C.	GENERAL CONTRACTOR	⊕	STUBBED-UP CONVENIENCE OUTLET
P.R.P.	PRESSURE RELIEF PORT	⊖	STUBBED-UP SIMPLEX OUTLET
S.F.	STAINLESS STEEL FABRICATOR	▲	STUBBED-UP DATA OUTLET
M.C.	MECHANICAL CONTRACTOR	⊙	ROOM TEMPERATURE SENSOR
LOC.	LOCATE		
E1	ELECTRICAL SCHEDULE REFERENCE, REFER TO FS3.2 FOR SCHEDULE		
1	SHEET AND/OR KEY NOTE		
⊕	DUPLEX CONVENIENCE OUTLET 115V/1Ø UNLESS OTHERWISE NOTED		
⊖	SIMPLEX OUTLET SEE SCHEDULE FOR VOLTAGE		
⊙	CEILING MOUNTED, VAPOR-PROOF LIGHT FIXTURE W/ JUNCTION BOX, 115V/1Ø UNLESS OTHERWISE NOTED (WALK-IN REFRIGERATOR)		

DSA File No.: 20-30

DSA Application No.: 02-120517

Agency Approval



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BUILDING C
FOODSERVICE EQUIPMENT ELECTRICAL PLAN
Drawing

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No.	Revision/Submission	Date
2	Addendum #2	5/10/2023

Revision

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FS3.1
AD2-FSX04

ELECTRICAL SCHEDULE														
ELEC. NO.	ITEM NO.	DESCRIPTION	QTY.	VOLT.	PH	DREG	PLUS	NEMA	LOAD			OUTLET HEIGHT	REMARKS	NOTE(S)
									WATT	AMPS DRAW	HP			
E1	1	AIR CURTAIN	1EA	120	1	X	-	-	-	3.4	1/2	+86"	PROVIDE J-BOX IN WALL INSTALL DOOR LIMIT SWITCH FOR INSTANT ON/OFF SWITCH BY F.S.E.C SEE DETAIL B/FS8.2	
E2	2	AIR CURTAIN	5EA	120	1	X	-	-	-	3.4	1/2	+86"	PROVIDE J-BOX IN WALL INSTALL DOOR LIMIT SWITCH FOR INSTANT ON/OFF SWITCH BY F.S.E.C SEE DETAIL B/FS8.2	
E3	5	VACUUM SEALER	1EA	120	1	-	X	5-20P	-	16	-	+28"	PROVIDE SIMPLEX RECEPTACLE AT END OF CHEFS COUNTER SEE E/FS8.1 UNIT PROVIDED WITH CORD AND PLUG	①
E4	14.2	HIGH TEMP WARE WASHER W/ BUILT-IN BOOSTER	1EA	208	3	X	-	-	-	46	-	+18"	PROVIDE J-BOX IN WALL CONNECT TO UNIT ELECTRICAL CONNECTION	
E5	15	BLAST CHILLER	1EA	208	3	X	-	-	-	26.8	-	+18"	PROVIDE J-BOX IN WALL CONNECT TO UNIT ELECTRICAL CONNECTION	
E6	16	MOBILE WARMING & HOLDING CABINET	5EA	120	1	-	X	5-15P	-	12	-	+48"	PROVIDE DUPLEX RECEPTACLE IN WALL UNIT PROVIDED WITH CORD AND PLUG SET	④
E7	17	COMBI OVENS (ROLL-IN) POWER AND DATA	3EA	208	1	X	-	-	-	10.3	-	+18"	PROVIDE SIMPLEX RECEPTACLE PROVIDE DATA OUTLET IN WALL	④
E8	19.1	FIRE SYSTEM AT ANSUL CONTROL AUTOMAN PANEL	1EA	120	1	X	-	-	-	20	-	+104"	120V/1-20AMP @ ANSUL CONTROL	
E9	19.1	FIRE SYSTEM (REMOTE PULL STATION)	1EA	-	-	X	-	-	-	-	-	+48"	EMPTY FLUSH MTD. OCTAGONAL BOX (REMOTE PULL) SEE FS5.4	③
E10	20	ELECTRIC TILT SKILLET /MULTI COOKER POWER AND DATA	1EA	208	3	X	-	-	-	70	-	+18"	PROVIDE J-BOX IN WALL CONNECT TO UNIT ELECTRICAL CONNECTION PROVIDE DATA OUTLET IN WALL	④
E11	24	HEATED PASS THROUGH CABINET	1EA	208	1	X	-	-	-	15.5	-	+86"	PROVIDE J-BOX IN WALL CONNECT TO UNIT ELECTRICAL CONNECTION	
E12	25	REFRIGERATED PASS THROUGH CABINET	1EA	120	1	-	X	5-15P	-	8.3	-	+86"	PROVIDE DUPLEX RECEPTACLE IN WALL UNIT PROVIDED WITH CORD AND PLUG SET	
E13	30	REFRIGERATED DISPLAY CASE	1EA	120	1	-	X	5-20P	-	16.8	-	+18"	SIMPLEX RECEPTACLE PROVIDED AT SERVING COUNTER ITEM 40 LOAD CENTER REFER TO FS9.8	②
E14	-	SPARE	-	-	-	-	-	-	-	-	-	-		
E15	32.1	SERVING LINE LOAD CENTER (PANEL BOX -A)	1EA	120/208	1	X	-	-	7712	37.08	-	+18"	PROVIDE J-BOX IN WALL CONNECT TO UNIT ELECTRICAL CONNECTION INTERCONNECT WITH SERVING LINE LOAD CENTER	
E16	35	REACH-IN REFRIGERATOR	1EA	120	1	-	X	5-15P	-	5.9	-	+88"	PROVIDE DUPLEX RECEPTACLE IN WALL UNIT PROVIDED WITH CORD AND PLUG SET	
E17	41	SERVING LINE LOAD CENTER (PANEL BOX -B)	1EA	120	1	X	-	-	7305	35.12	-	+18"	PROVIDE J-BOX IN WALL CONNECT TO UNIT ELECTRICAL CONNECTION INTERCONNECT TO LOAD CENTER	⑤
E18	30	REFRIGERATED DISPLAY CASE	2EA	120	1	-	X	5-20P	-	16.8	-	+12"	PROVIDE SIMPLEX RECEPTACLE IN WALL CONNECT TO UNIT ELECTRICAL CONNECTION	
E19	45	CHEFS COUNTER	4EA	120	1	X	-	-	15EA	-	-	+34"	PROVIDE 12" DOUBLE FACED PEDISTAL DUPLEX RECEPTACLE MTD. ON COUNTER TOP (COMPONENT HARDWARE NO. R38-1020)(R71-0721) (TOTAL OF 4 DCO OUTLETS)	⑤
E20	53	PIZZA/SANDWICH PREP STATION	1EA	120	1	-	X	5-15P	-	3.9	-	+28"	PROVIDE DUPLEX RECEPTACLE AT END OF CHEFS COUNTER SEE E/FS8.1 UNIT PROVIDED WITH CORD AND PLUG	①

- WALK-IN REFRIGERATION ELECTRICAL (MINIMUM REQUIREMENTS UNLESS NOTED OTHERWISE)**
- THE ELECTRICAL CONTRACTOR SHALL INSTALL AND INTER WIRE LIGHT SWITCHES AND FIXTURES REQUIRED FOR THE FOOD SERVICE EQUIPMENT AND MAKE FINAL CONNECTIONS.
 - THE FOOD SERVICE EQUIPMENT CONTRACTOR SHALL INSTALL THE PRESSURE RELIEF PORT, DOOR HEATERS, DRAIN LINE HEATERS AND TEMPEPURE ALARM SYSTEM. INTER WIRING AND FINAL CONNECTIONS BY THE ELECTRICAL CONTRACTOR.
 - THE ELECTRICAL CONTRACTOR SHALL INTER WIRE THE TIME CLOCK ON THE CONDENSING UNIT TO THE DEFROST RELAY ON THE UNIT EVAPORATOR LOCATED IN THE FREEZER COMPARTMENT.
 - THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL CONDUIT AND WIRING NECESSARY FOR A COMPLETE AND OPERABLE SYSTEM WITH ALL CONDUIT IN SO FAR AS POSSIBLE MOUNTED ON THE EXTERIOR CEILING OF THE WALK-IN ASSEMBLY. PENETRATIONS AND ESCUTCHEON PLATES SHALL BE FURNISHED AND INSTALLED BY THE FOOD SERVICE CONTRACTOR. FOOD SERVICE EQUIPMENT CONTRACTOR IS RESPONSIBLE FOR SEALING THE INSIDE OF CONDUITS WHICH PENETRATE THE CEILING OR WALL.
- ELECTRICAL KEYNOTES:**
- SIMPLEX RECEPTACLE AT THE END OF CHEFS COUNTER
 - PROVIDE J-BOX AT END OF SERVING COUNTER INTERCONNECT TO SERVING COUNTER LOAD CENTER
 - ELECTRICAL CONTRACTOR TO PROVIDE EMPTY FLUSH MTD. OCTAGONAL BOX @ +48" AFF. W/ EMPTY CONDUIT TO +2" ABOVE CEILING.
 - ELECTRICAL CONTRACTOR TO PROVIDE INTERLOCK WIRING FROM FIRE PROTECTION SYSTEMS TO ELEC. SHUNT TRIP BREAKERS.
 - INTERCONNECT J-BOX TO DUPLEX OUTLETS IN COUNTER
 - AMPERAGE SHOW IS LOAD AMP REFER TO FS9.8 FOR TOTAL AMP LOAD REQUIREMENT TO LOAD CENTER

EXHAUST HOOD ELECTRICAL SCHEDULE														
ELEC. NO.	ITEM NO.	DESCRIPTION	QTY.	VOLT.	PH	DREG	PLUS	NEMA	LOAD			OUTLET HEIGHT	REMARKS	NOTE(S)
									WATT	AMPS DRAW	HP			
H1	19	TOUCH SCREEN USER INTERFACE MOUNT +48" AFF. RECESSED IN WALL	1EA	-	-	-	-	-	-	-	-	-	CONNECT TO ENERGY MANAGEMENT SYSTEM IN UTILITY CABINET AT END OF HOOD ITEM 19 WITH CAT-5 CABLE. (NO POWER REQUIRED AT THIS LOCATION)	① ② ⑤
H2	19	EXHAUST HOOD LIGHTS & SMART CONTROLS DCV-2111	1EA	120	1	X	-	-	-	20	-	+104"	EC TO PROVIDE CONNECTION	④ ⑤ ⑥
H3	19	ENERGY MANGEMNT SYSTEM DCV-2111 (ROOM SENSOR)	-	-	-	-	-	-	-	-	-	-	CONNECT TO ENERGY MANAGEMENT SYSTEM IN UTILITY CABINET AT END OF HOOD ITEM 19 LOW VOLTAGE WIRING (ROOM TEMPERATURE SENSOR CLG. MOUNTED)	⑤

ELECTRICAL KEYNOTES:

- E.C. TO INTERCONNECT DCV-2111 TO MECHANICAL EQUIPMENT ON ROOF (REFER TO MECHANICAL DRAWINGS)
- E.C. TO INTERCONNECT POWER FROM HOOD TOUCH SCREEN USER INTERFACE LOCATED ON WALL WITH DCV-2111 SMART CONTROLS
- 120V/1 PHASE FOR LIGHTS TO ONE PRE-WIRED CONN. POINT ON HOOD FOR LIGHTS PRE-WIRED BY FACTORY.
- REFER TO HOOD DRAWING FS5.3 FOR ELECTRICAL CONNECTIONS
- DCV-2111 SENDS A 0-10V VDC SIGNAL (SEE FS5.3 FOR SCHEMATIC)

NOTE
FOR FOODSERVICE EQUIPMENT ELECTRICAL PLAN
SEE SHEET FS3.1

DSA File No.:
20-30

DSA Application No.:
02-120517

Agency Approval



**THOMAS JEFFERSON M. S. KITCHEN
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MADERA UNIFIED SCHOOL DISTRICT Project
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BUILDING C
FOODSERVICE EQUIPMENT ELECTRICAL SCHEDULE
Drawing



No. 2
Revision/Submission Addendum #2
Date 5/10/2023

Revision

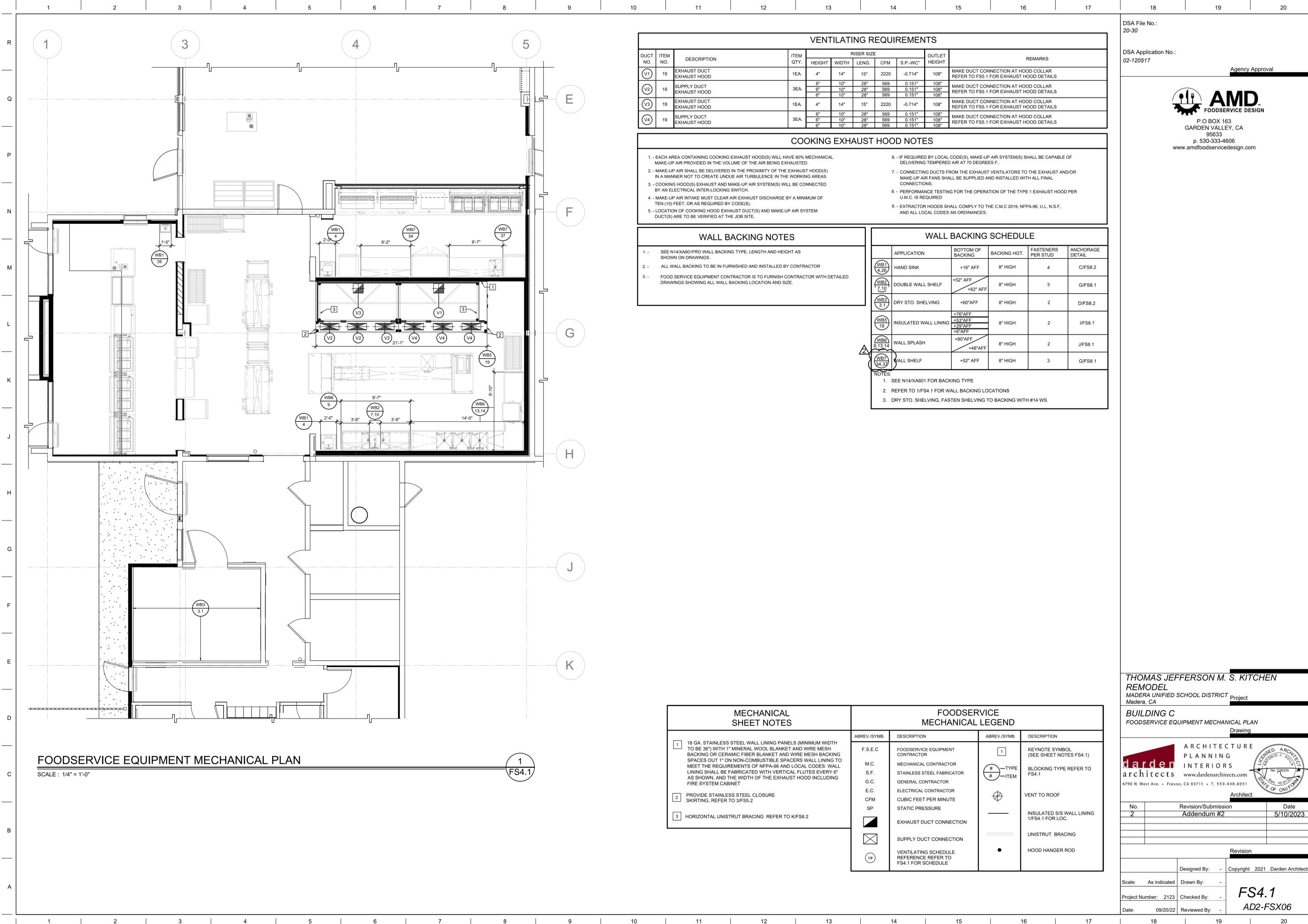
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FS3.2
AD2-FSX05



VENTILATING REQUIREMENTS										
DUCT NO.	ITEM NO.	DESCRIPTION	ITEM QTY.	RISER SIZE			CFM	S.P.-WC"	OUTLET HEIGHT	REMARKS
				HEIGHT	WIDTH	LENG.				
(V1)	19	EXHAUST DUCT EXHAUST HOOD	1EA	4"	14"	15"	2220	-0.714"	108"	MAKE DUCT CONNECTION AT HOOD COLLAR REFER TO FSS.1 FOR EXHAUST HOOD DETAILS
(V2)	19	SUPPLY DUCT EXHAUST HOOD	3EA	6"	10"	28"	569	0.151"	108"	MAKE DUCT CONNECTION AT HOOD COLLAR REFER TO FSS.1 FOR EXHAUST HOOD DETAILS
(V3)	19	EXHAUST DUCT EXHAUST HOOD	1EA	4"	14"	15"	2220	-0.714"	108"	MAKE DUCT CONNECTION AT HOOD COLLAR REFER TO FSS.1 FOR EXHAUST HOOD DETAILS
(V4)	19	SUPPLY DUCT EXHAUST HOOD	3EA	6"	10"	28"	569	0.151"	108"	MAKE DUCT CONNECTION AT HOOD COLLAR REFER TO FSS.1 FOR EXHAUST HOOD DETAILS

COOKING EXHAUST HOOD NOTES

- EACH AREA CONTAINING COOKING EXHAUST HOOD(S) WILL HAVE 80% MECHANICAL MAKE-UP AIR PROVIDED IN THE VOLUME OF THE AIR BEING EXHAUSTED
- MAKE-UP AIR SHALL BE DELIVERED IN THE PROXIMITY OF THE EXHAUST HOOD(S) IN A MANNER NOT TO CREATE UNDESIRABLE AIR TURBULENCE IN THE WORKING AREAS.
- COOKING HOOD(S) EXHAUST AND MAKE-UP AIR SYSTEM(S) WILL BE CONNECTED BY AN ELECTRICAL INTER-LOCKING SWITCH.
- MAKE-UP AIR INTAKE MUST CLEAR AIR EXHAUST DISCHARGE BY A MINIMUM OF TEN (10) FEET, OR AS REQUIRED BY CODE(S).
- LOCATION OF COOKING HOOD EXHAUST DUCT(S) AND MAKE-UP AIR SYSTEM DUCT(S) ARE TO BE VERIFIED AT THE JOB SITE.
- IF REQUIRED BY LOCAL CODE(S), MAKE-UP AIR SYSTEM(S) SHALL BE CAPABLE OF DELIVERING TEMPERED AIR AT 70 DEGREES F.
- CONNECTING DUCTS FROM THE EXHAUST VENTILATORS TO THE EXHAUST AND/OR MAKE-UP AIR FANS SHALL BE SUPPLIED AND INSTALLED WITH ALL FINAL CONNECTIONS
- PERFORMANCE TESTING FOR THE OPERATION OF THE TYPE 1 EXHAUST HOOD PER U.M.C. IS REQUIRED
- EXTRACTOR HOODS SHALL COMPLY TO THE C.M.C 2019, NFPA-96, U.L., N.S.F., AND ALL LOCAL CODES AND ORDINANCES.

WALL BACKING NOTES

- SEE N14/XA601FRO WALL BACKING TYPE, LENGTH AND HEIGHT AS SHOWN ON DRAWINGS.
- ALL WALL BACKING TO BE IN FURNISHED AND INSTALLED BY CONTRACTOR
- FOOD SERVICE EQUIPMENT CONTRACTOR IS TO FURNISH CONTRACTOR WITH DETAILED DRAWINGS SHOWING ALL WALL BACKING LOCATION AND SIZE.

WALL BACKING SCHEDULE					
	APPLICATION	BOTTOM OF BACKING	BACKING HGT.	FASTENERS PER STUD	ANCHORAGE DETAIL
(WB1) 4,26	HAND SINK	+16" AFF	8" HIGH	4	C/FS8.2
(WB2) 7,10	DOUBLE WALL SHELF	+52" AFF	8" HIGH	3	G/FS8.1
(WB3) 3,1	DRY STO. SHELVING	+60" AFF	8" HIGH	2	D/FS8.2
(WB5) 19	INSULATED WALL LINING	+78" AFF +53" AFF +29" AFF +6" AFF	8" HIGH	2	I/FS8.1
(WB6) 9,13,14	WALL SPLASH	+80" AFF	8" HIGH	2	J/FS8.1
(WB7) 34,37	WALL SHELF	+52" AFF	8" HIGH	3	G/FS8.1

NOTES:

- SEE N14/XA601 FOR BACKING TYPE
- REFER TO 1/FS4.1 FOR WALL BACKING LOCATIONS
- DRY STO. SHELVING, FASTEN SHELVING TO BACKING WITH #14 WS.

MECHANICAL SHEET NOTES

- 18 GA. STAINLESS STEEL WALL LINING PANELS (MINIMUM WIDTH TO BE 36") WITH 1" MINERAL WOOL BLANKET AND WIRE MESH BACKING OR CERAMIC FIBER BLANKET AND WIRE MESH BACKING SPACES OUT 1" ON NON-COMBUSTIBLE SPACERS WALL LINING TO MEET THE REQUIREMENTS OF NFPA-96 AND LOCAL CODES. WALL LINING SHALL BE FABRICATED WITH VERTICAL FLUTES EVERY 6" AS SHOWN, AND THE WIDTH OF THE EXHAUST HOOD INCLUDING FIRE SYSTEM CABINET
- PROVIDE STAINLESS STEEL CLOSURE SKIRTING, REFER TO 3/FS5.2
- HORIZONTAL UNISTRUT BRACING REFER TO K/FS8.2

FOODSERVICE MECHANICAL LEGEND			
ABREV./SYMB.	DESCRIPTION	ABREV./SYMB.	DESCRIPTION
F.S.E.C	FOODSERVICE EQUIPMENT CONTRACTOR	(1)	KEYNOTE SYMBOL (SEE SHEET NOTES FS4.1)
M.C.	MECHANICAL CONTRACTOR	(#) - TYPE	BLOCKING TYPE REFER TO FS4.1
S.F.	STAINLESS STEEL FABRICATOR	(#) - ITEM	
G.C.	GENERAL CONTRACTOR	⊕	VENT TO ROOF
E.C.	ELECTRICAL CONTRACTOR	—	INSULATED S/S WALL LINING 1/FS4.1 FOR LOC.
CFM	CUBIC FEET PER MINUTE	—	UNISTRUT BRACING
SP	STATIC PRESSURE	•	HOOD HANGER ROD
⊠	EXHAUST DUCT CONNECTION		
⊞	SUPPLY DUCT CONNECTION		
(V#)	VENTILATING SCHEDULE REFERENCE REFER TO FS4.1 FOR SCHEDULE		

DSA File No.: 20-30

DSA Application No.: 02-120517



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MADERA UNIFIED SCHOOL DISTRICT
Madera, CA

BUILDING C
FOODSERVICE EQUIPMENT MECHANICAL PLAN
Drawing



No.	Revision/Submission	Date
2	Addendum #2	5/10/2023

Revision
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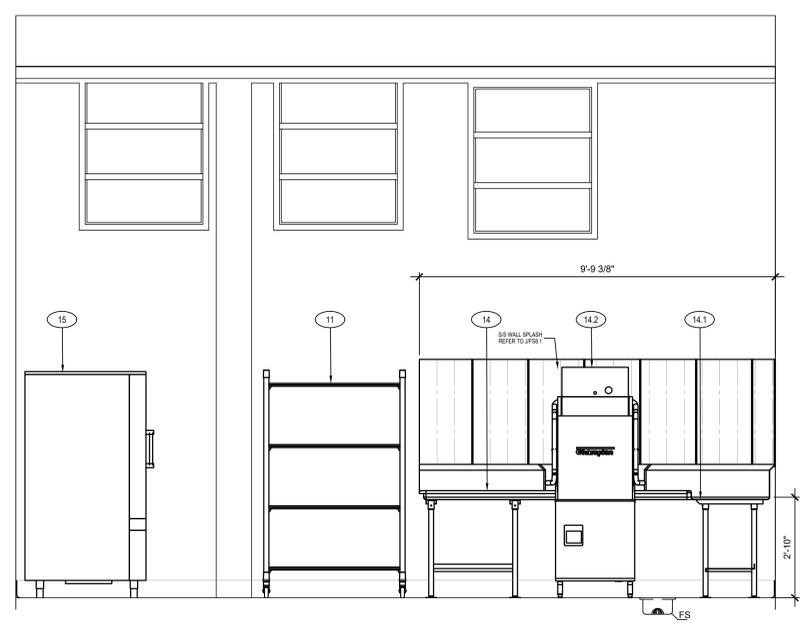
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FS4.1
AD2-FSX06

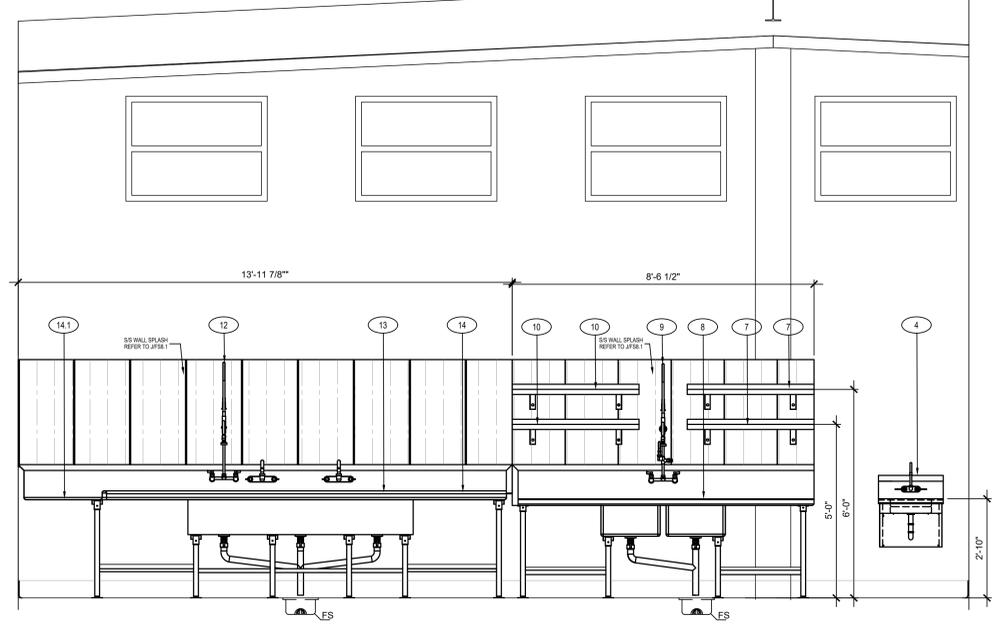
DSA File No.: 20-30
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 Agency Approval



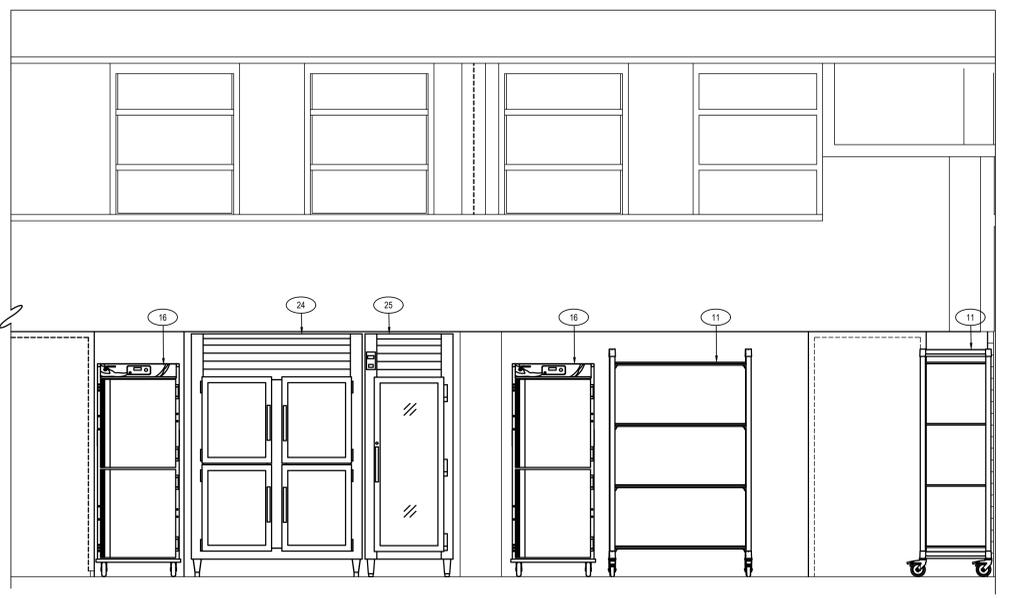
ITEM NO	EQUIPMENT CATEGORY
4	SINK, HAND, WALL MOUNT
5	VACUUM PACKAGING MACHINE
6	SPARE
7	DOUBLE WALL SHELF
8	PREP SINK
9	PRE-RINSE & FILL FAUCET
10	DOUBLE WALL SHELF
11	MOBILE POT AND PAN STORAGE
12	PRE-RINSE SPRAY UNIT
13	THREE COMPARTMENT POT SINK
14	CLEAN DISHTABLE
14.1	SOILED DISHTABLE
14.2	DISHWASHER, VENTLESS
15	BLAST CHILLER
16	MOBILE WARMING CABINET
17	COMBI OVEN-ROLL-IN
18	FLOOR TROUGH
19	EXHAUST HOOD
19.1	FIRE SYSTEM
20	TILT SKILLET, ELECTRIC, POWER TILT
24	CABINET, HEATED, PASS-THRU
25	REFRIGERATOR, PASS-THRU
30	REFRIGERATED SELF-SERVICE CASE



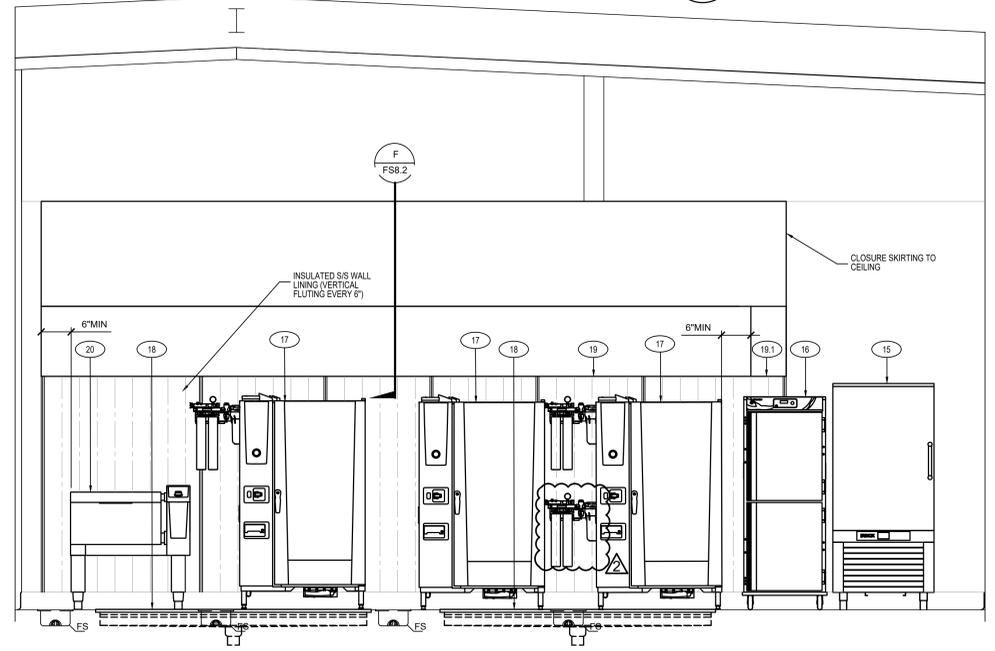
ELEVATION A
 SCALE: 1/2"=1'-0"
 FS9.1



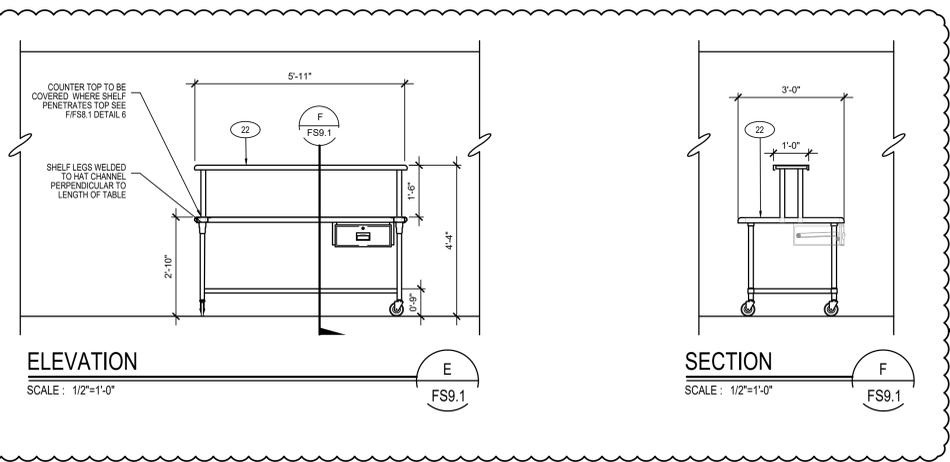
ELEVATION B
 SCALE: 1/2"=1'-0"
 FS9.1



ELEVATION C
 SCALE: 1/2"=1'-0"
 FS9.1



ELEVATION D
 SCALE: 1/2"=1'-0"
 FS9.1



ELEVATION E SCALE: 1/2"=1'-0" FS9.1
SECTION F SCALE: 1/2"=1'-0" FS9.1

ELEVATION LEGEND	
SYMBOL	DESCRIPTION
	SECTION VIEW REFER TO CALLED OUT VIEW
	FLOOR SINK REFER TO FS2.1 FOR LOCATION
	ITEM NUMBER REFER TO FS9.1 FOR SCHEDULE

THOMAS JEFFERSON M. S. KITCHEN REMODEL
 MADERA UNIFIED SCHOOL DISTRICT Project
 Madera, CA

BUILDING C
 FOODSERVICE EQUIPMENT ELEVATIONS
 Drawing



No.	Revision/Submission	Date
2	Addendum #2	5/10/2023

Architect
 Designed By: -
 Drawn By: -
 Project Number: 2123
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FS9.1
 AD2-FSX07

GENERAL NOTES:

- THE INTENT OF THE DRAWING AND SPECIFICATIONS IS TO CONSTRUCT THE BUILDING IN ACCORDANCE WITH THE 2019 EDITION OF TITLE 24, CALIFORNIA CODE OF REGULATIONS, CHANGES TO THE STRUCTURAL, ACCESSIBILITY OR FIRE AND LIFE SAFETY PORTIONS OF THE APPROVED PLANS AND SPECIFICATIONS SHALL BE MADE BY AN ADDENDUM OR CONSTRUCTION CHANGE DOCUMENT AS REQUIRED IN SECTION 4.3.8, PART 1, TITLE 24, COR. AND SHALL BE SUBMITTED TO AND APPROVED BY DSA PRIOR TO COMMENCEMENT OF THE WORK. DOCUMENTS SHALL BE PREPARED AND SUBMITTED TO DSA IN COMPLIANCE WITH DSA INTERPRETATION OF REGULATION 19-A-6.
- LAYOUT OF MATERIALS, EQUIPMENT AND SYSTEMS IS GENERALLY DIAGRAMMATIC UNLESS SPECIFICALLY DIMENSIONED. SOME WORK MAY BE SHOWN OFFSET FOR CLARITY. THE HVAC BUILDING PLANS HAVE BEEN PREPARED TO MATCH THE ARCHITECTURAL PLANS. IF DIFFERENCES OCCUR, THE ARCHITECTURAL PLANS ARE TO TAKE PRECEDENCE. THE ACTUAL LOCATIONS OF ALL MATERIALS, PIPING, DUCTWORK, FIXTURES, EQUIPMENT, SUPPORTS, ETC. SHALL BE CAREFULLY PLANNED. PRIOR TO INSTALLATION OF ANY WORK, TO AVOID ALL INTERFERENCE WITH EACH OTHER, OR WITH STRUCTURAL, ELECTRICAL, ARCHITECTURAL, OR OTHER ELEMENTS. ALL DUCT AND PIPE OFFSET ELBOWS FOR COORDINATION BETWEEN TRADES ARE NOT SHOWN. CONTRACTOR SHALL INCLUDE SUFFICIENT FUNDS FOR THE COORDINATION OFFSETS IN THE BID. VERIFY THE PROPER VOLTAGE AND PHASE OF ALL EQUIPMENT WITH THE ELECTRICAL PLANS. ALL CONFLICTS SHALL BE CALLED TO THE ATTENTION OF THE ARCHITECT AND THE ENGINEER PRIOR TO THE INSTALLATION OF ANY WORK OR THE ORDERING OF ANY EQUIPMENT.
- WHEN INSTALLING DRILLED-IN ANCHORS AND/OR POWDER-DRIVEN PINS IN EXISTING NON-PRESTRESSED CONCRETE, USE CARE AND CAUTION TO AVOID CUTTING OR DAMAGING THE EXISTING REINFORCING BARS. WHEN INSTALLING THEM INTO EXISTING PRESTRESSED CONCRETE (PRE- OR POST-TENSIONED), LOCATE THE PRESTRESSED TENDONS BY USING A NON-DESTRUCTIVE METHOD PRIOR TO INSTALLATION. EXERCISE EXTREME CARE AND CAUTION TO AVOID CUTTING OR DAMAGING THE TENDONS DURING INSTALLATION. MAINTAIN A MINIMUM CLEARANCE OF ONE INCH BETWEEN THE REINFORCEMENT AND THE DRILLED-IN ANCHOR AND/OR PIN.
- ALL MECHANICAL, PLUMBING, AND ELECTRICAL COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE DETAILS ON THE DSA APPROVED CONSTRUCTION DOCUMENTS. WHERE THERE NO DETAIL IS INDICATED, THE FOLLOWING COMPONENTS SHALL BE ANCHORED OR BRACED TO MEET THE FORCE AND DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE 2019 CBC, SECTIONS 1617A.1.18 THROUGH 1617A.1.26 AND ASCE 7-16 CHAPTERS 13, 26 AND 30.
 - ALL PERMANENT EQUIPMENT AND COMPONENTS.
 - TEMPORARY OR MOVABLE EQUIPMENT THAT IS PERMANENTLY ATTACHED (E.G. HARD WIRED) TO THE BUILDING UTILITY SERVICES SUCH AS ELECTRICITY, GAS OR WATER.
 - MOVABLE EQUIPMENT WHICH IS STATIONED IN ONE PLACE FOR MORE THAN 8 HOURS AND HEAVIER THAN 400 POUNDS ARE REQUIRED TO BE ANCHORED WITH TEMPORARY ATTACHMENTS.

THE ATTACHMENT OF THE FOLLOWING MECHANICAL AND ELECTRICAL COMPONENTS SHALL BE POSITIVELY ATTACHED TO THE STRUCTURE, BUT NEED NOT BE DETAILED ON THE PLANS. THESE COMPONENTS SHALL HAVE FLEXIBLE CONNECTIONS PROVIDED BETWEEN THE COMPONENT AND ASSOCIATED DUCTWORK, PIPING, AND CONDUIT.

 - COMPONENTS WEIGHING LESS THAN 400 POUNDS AND HAVE A CENTER MASS LOCATED 4 FEET OR LESS ABOVE THE ADJACENT FLOOR OR ROOF LEVEL, THAT DIRECTLY SUPPORT THE COMPONENT.
 - COMPONENTS WEIGHING LESS THAN 30 POUNDS, OR IN THE CASE OF DISTRIBUTED SYSTEMS, LESS THAN 5 POUNDS PER FOOT, WHICH ARE SUSPENDED FROM A ROOF OR FLOOR OR HUNG FROM A WALL.

FOR THOSE ELEMENTS THAT DO NOT REQUIRE DETAILS ON THE APPROVED DRAWINGS, THE INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE STRUCTURAL ENGINEER OF RECORD AND THE DSA DISTRICT STRUCTURAL ENGINEER. THE PROJECT INSPECTOR WILL VERIFY THAT ALL COMPONENTS AND EQUIPMENT HAVE BEEN ANCHORED IN ACCORDANCE WITH ABOVE REQUIREMENTS.

PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEM BRACING NOTE:

PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEMS SHALL BE BRACED TO COMPLY WITH THE FORCES AND DISPLACEMENTS PRESCRIBED IN ASCE 7-16 SECTION 13.3 AS DEFINED IN ASCE 7-16 SECTION 13.6.5, 13.6.6, 13.6.7, 13.6.8, AND 2019 CBC, SECTIONS 1617A.1.24, 1617A.1.25, 1617A.1.26.

THE METHOD OF SHOWING BRACING AND ATTACHMENTS TO THE STRUCTURE FOR THE IDENTIFIED DISTRIBUTION SYSTEM ARE AS NOTED BELOW. WHEN BRACING AND ATTACHMENTS ARE BASED ON A PRE-APPROVED INSTALLATION GUIDE (E.G. SMACNA OR OSHPD OPM), COPIES OF THE BRACING SYSTEM INSTALLATION GUIDE OR MANUAL SHALL BE AVAILABLE ON THE JOBSITE PRIOR TO THE START OF AND DURING THE HANGING AND BRACING OF THE DISTRIBUTION SYSTEMS. THE STRUCTURAL ENGINEER OF RECORD SHALL VERIFY THE ADEQUACY OF THE STRUCTURE TO SUPPORT THE HANGER AND BRACE LOADS. MECHANICAL PIPING (MP), MECHANICAL DUCTS (MD), PLUMBING PIPING (PP).

MP MD PP OPTION 1: DETAILED ON THE APPROVED DRAWINGS WITH PROJECT SPECIFIC NOTES AND DETAILS.

MP MD PP OPTION 2: SHALL COMPLY WITH THE APPLICABLE OSHPD PRE-APPROVAL MASON WEST OPM #0043-13.

- PENETRATIONS THROUGH FIRE RATED WALLS, FLOOR/CEILING, AND ROOF/CEILING ASSEMBLIES SHALL BE SEALED USING AN APPROVED SYSTEM CAPABLE OF PREVENTING THE PASSAGE OF FLAMES AND HOT GASES WHEN SUBJECTED TO THE REQUIREMENTS OF THE TEST STANDARD SPECIFIC TO FIRE STOPS PER 2019 CBC SECTION 714. THIS INCLUDES EXISTING PIPE AND CONDUIT THROUGH NEW ASSEMBLIES. CUSTOM DESIGNED SYSTEMS WHICH COMBINE COMPONENTS FROM DIFFERENT APPROVED SYSTEMS BUT HAVE NOT BEEN TESTED AS A COMPLETE ASSEMBLY WILL NOT BE ACCEPTABLE. FOR FIRE STOPS FOR PIPE PENETRATIONS SEE SPECIFICATIONS.
- DUCTWORK SIZES SHOWN ARE INSIDE CLEAR DIMENSIONS. WHERE ACOUSTIC LINING IS SHOWN, INCREASE EACH SHEET METAL DIMENSION TO ACCOMMODATE LINING & MAINTAIN CLEAR INSIDE DUCT DIMENSIONS SHOWN.
- SA DUCTWORK SHALL BE 1" PRESSURE CLASS, AND RA & EA DUCTWORK SHALL 1" PRESSURE CLASS UNLESS OTHERWISE NOTED.
- A DSA ACCEPTED TESTING LABORATORY DIRECTLY EMPLOYED BY THE DISTRICT SHALL CONDUCT ALL THE REQUIRED TESTS AND INSPECTIONS FOR THE PROJECT.
- REFER TO DETAIL AX/M102 FOR TYPICAL SA / BRANCH DUCT DETAIL.

PACKAGE AIR CONDITIONING SCHEDULE			
DESIGNATION	HC 1	HC 2	HC 3
NAMEPLATE AMPS	18.2	20.5	20.5
MCA	20.2	22.5	42.4
MAX FUSE SIZE	25	30	60
VOLTS / PHASE	460 / 3	460 / 3	208/1
EER / SEER AT ARI	12.1 / -	11.2 / -	- / 14.0
CFM	3,700	3,474	515
DUCT SP / TOTAL SP (IN WC)	-	1.2 / 1.96	18
MIN. O.S.A. (CFM)	1,026	3474	150
HP / SPEED / BHP	- / - / -	4 / - / 1.75	5 / LOW SPD.
DRIVE	BELT	BELT	DIRECT
SENSIBLE (MBH)	112.9	159.1	20.0
TOTAL (MBH)	112.9	159.1	22.0
EACB/EAWB (°F)	81.2 / 64.4	105 / 74	80/64
AMBIENT (°F)	105	105	105
REFRIGERANT	R-410A	R-410A	R-410A
HEATING			
INPUT (MBH)	200.0	200.0	-
OUTPUT (MBH)	160.0	160.0	-
FUEL	NATURAL GAS	NATURAL GAS	-
KW / STAGES	- / -	- / -	3.76 / 1
FILTERS			
QUANTITY/SIZE	6 / 18x24x2	6 / 18x24x2	1/20x25/2
TYPE	AP THIRTEEN	AP THIRTEEN	MERV-13
PD (IN WC)	0.2	0.5	-
EFFICIENCY (MERV)	13	13	-
MANUFACTURER	DAIKIN	DAIKIN	TRANE
TYPE	GAS / ELECTRIC	GAS / ELECTRIC	HEAT PUMP
MODEL NUMBER	DPS010A	DPS012A	4WCC4024A1000A
SERVICE	KIT	KIT, MU	KIT, MU
OPER. WT. (LBS)	3,000	2,700	580
ACCESSORIES	1	2	2

- MODULATING ECONOMIZER, W/ MODULATING EF, VARIABLE VOLUME, SINGLE POINT POWER CONNECTION.
- OSA HOOD, VARIABLE VOLUME.

EXHAUST FAN SCHEDULE			
DESIGNATION	EF-1A	EF-1B	EF-2A
CFM	75	2,220	
ESP (IN WC)	2	1.2	
HP / WATTS / BHP	1/15 / - / 0.01	2 / - / 0.74	
VOLTS / PHASE	120 / 1	208 / 1	
RPM	1270	1,368	
TIP SPEED / SONES	2701 / 2.4	6,000 / 17.1	
DRIVE	DIRECT	DIRECT	
MOUNTING	ROOF	ROOF	
MANUFACTURER	GREENHECK	GREENHECK	
TYPE	CENTRIFUGAL	CENTRIFUGAL	
MODEL NUMBER	G-060-VG	CUE-160-VG	
CONTROL	EMS	EMS	
SERVICE	SEE PLAN	KIT, HOOD (1)	
OPER. WT. (LBS)	25	125	
ACCESSORIES			

(1) HOOD SUPPLIED & INSTALLED BY OTHERS.

AIR CONDITIONING LEGEND		
SYMBOL	ITEM	ABBR
○	ROUND DUCT	Ø
◻	FLAT OVAL DUCT	◻
—	SHEET METAL FUR	—
▣	ACOUSTIC LINING FOR DUCT OR GRILLES	(L)
—	DUCT WEXT INSULATION & GALV. SM SUNSHIELD	—
—	SUPPLY AIR DUCT DROP	—
—	RETURN AIR DUCT DROP	—
—	EXHAUST DUCT AIR DROP	—
—	SUPPLY AIR DUCT RISE	—
—	RETURN AIR DUCT RISE	—
—	EXHAUST AIR DUCT RISE	—
TV	TURNING VANES	TV
—	EXTRACTOR	—
VCD	VOLUME CONTROL DAMPER W/ LOCKING QUADRANT	VCD
OBD	OPPOSED BLADE DAMPER	OBD
BDD	BACKDRAFT DAMPER	BDD
VCR	VOLUME CONTROL DAMPER W/ REMOTE REGULATOR	VCR
F/S/D	FIRE/SMOKE DAMPER WITH ACCESS PANEL	F/S/D
FD	FIRE DAMPER WITH ACCESS PANEL	FD
SD	SMOKE DAMPER WITH ACCESS PANEL	SD
CFM	CUBIC FEET OF AIR PER MINUTE	CFM
—	EMS MOTORIZED DUCT DAMPER/ PIPE VALVE ACTUATOR	—
TSTAT	THERMOSTAT @ +4'-0" TOP OF BOX	TSTAT
HSTAT	HUMIDISTAT @ +4'-0" TOP OF BOX	HSTAT
CO2	CO2 SENSOR @ +4'-0" TOP OF BOX	CO2
—	EMS TEMPERATURE SENSOR @ +4'-0" TOP OF BOX	—
—	EMS HUMIDITY SENSOR @ +4'-0" TOP OF BOX	—
CO2	EMS CO2 SENSOR @ +4'-0" TOP OF BOX	CO2
SP	EMS STATIC PRESSURE SENSOR	SP
DP	EMS DIFFERENTIAL PRESSURE SENSOR	DP
CS	EMS CURRENT SENSOR	CS
—	DIRECTION OF FLOW	—
SA	SUPPLY AIR	SA
RA	RETURN AIR	RA
EA	EXHAUST AIR	EA
OSA	OUTSIDE AIR	OSA
—	PIPE/DUCT TURN DOWN	—
—	PIPE/DUCT TURN UP	—
POC	POINT OF CONNECTION	POC
(E)	EXISTING (DESIGNATED)	(E)
(N)	NEW (DESIGNATED)	(N)
SD	DUCT SMOKE DETECTOR	SD
AVA	AUDIBLE VISUAL ALARM	AVA
BPT	BYPASS TIMER	BPT

GRILLE SCHEDULE		
MARK	DUTY	DESCRIPTION
A	CEILING SUPPLY	TITUS TDC (TYPE 3) LOUVER FACE SQUARE OR RECTANGULAR NECK DIFFUSER FOR STD. LAY-IN CEILING, AND NO. 26 OFF-WHITE FINISH. (18"X18" NECK ADAPTER SIZE SHOWN).
B	CEILING RETURN OR EXHAUST	TITUS CORE 50F (TYPE 3) ALUMINUM EGG CRATE REGISTER WITH 1/2" x 1/2" GRID, FOR LAY-IN CEILING, AND NO. 26 OFF-WHITE FINISH.
C	CEILING RETURN OR EXHAUST	TITUS CORE 50F (TYPE 3) ALUMINUM EGG CRATE REGISTER WITH 1/2" x 1/2" GRID, FOR SURFACE MOUNTING WITH NO. 26 OFF-WHITE FINISH.
D	WALL CEILING OR DUCT RETURN	TITUS CORE 3FL (TYPE 1) ALUMINUM RETURN REGISTER WITH NO. 26 WHITE FINISH.
E	WALL SUPPLY	TITUS MODEL 1707 REGISTER WITH REMOVABLE CORE, 0.8 D., 5 DEGREE UPWARD DEFLECTION, AND NO. 26 OFF-WHITE FINISH.
F	CEILING SUPPLY	TITUS TDC (TYPE 1) LOUVER FACE SQUARE OR RECTANGULAR NECK DIFFUSER FOR SURFACE MOUNTING, AND NO. 26 OFF-WHITE FINISH.

DSA File No.: 20-30

DSA Application No.: 02-120517

Agency Approval

General Notes

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THOMAS JEFFERSON MIDDLE SCHOOL KITCHEN REMODEL
 MADERA UNIFIED SCHOOL DISTRICT
 Madera, CA Project

MECHANICAL SCHEDULES

Drawing

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No.	Revision/Submission	Date
2	ADDENDUM 02	5/11/2023

Revision

Designed By: D.M. Copyright 2021 Darden Architects

Scale: As Noted Drawn By: LEG

Project Number: 2123 Checked By: D.M.

Date: 09/15/2022 Reviewed By: R.C.

X/M101 AD2-MX01

12 May 2023 9:14 AM P:\2023\21168 Madera USD Thomas Jefferson MS Kitchen Remodel.dwg - Drawing - K:\MUT01 SCHEDULES.dwg galdino

Patrick Jones

To: Pilar Pereyra
Cc: Matt Heiss
Subject: RE: TJ KITCHEN REMODEL - MADERA, CA

Can you kindly help send the following Foodservice RFI's for clarification?

Item 17 – How many water filtration systems are needed for Rational #Rational #ICP 20-FULL NG 208/240V 1 PH(LM100GG), combi oven, qty 3 ea. Floor plan and Elevation D/FS9.1 show qty 2 ea.

Specifications call out for 3 filters and plumbing schedule calls for 3 filters (P7 and P8). I have updated elevations with added filter.

Item 25 – Specs call for Traulsen #RHT132WP-FHG, pass thru refrigerator, unit is designed for remote refrigeration. Confirm if this unit is remote or self-contained. There is no remote refrigeration on this project. If self-contained, please provide the corrected model#.

Item model number has been revised to RHT132WPUT-FHG

Item 27 – Specs call for Hatco #GRSDS-41D, display merchandiser - equipment schedule calls for Hatco #GRSDS-36D. Confirm which model is needed. Also confirm the voltage/phase.

Item in specification changed to GRSDS-36D. Electrical and voltage provided and accounted for in load center (schedule found on FS9.8)

Item 30 – Specs call for MVP #KGL-RS-60-S, open display merchandiser - this model with the electric shutter has been discontinued. Model# KGL-RM-60-S with a manual locking shutter is offered as a substitute. Will this be acceptable? Also Duke buy-out equipment schedule on FS9.4 calls for #KGL-RM-40-S. Is a 60" or 40" required?

Changed item 30 to KGL-RM-40-S the manual locking shutter unit will be acceptable.

Item 42 – Specs call for Hatco# GRSDS-36, display merchandiser - equipment schedule calls for spare no. Confirm this is a spare.

ITEM 42 confirmed as spare

Item 43 – Specs call for Nemco# 6151-48, heat lamp qty 2 ea - equipment schedule calls for Duke no specified model#, qty 1 ea. Confirm whether this is by Nemco or Duke and qty needed. Also confirm the voltage/phase.

Please see addendum 2 for revised specifications.

Item 44 – Specs call for Hatco# HBGB-4818, heater shelf food warmer, qty 2 ea - equipment schedule calls for qty 1ea. Confirm qty needed.

Specifications quantity for item 44 to 1

Item 45 – Specs call for MVP #KGL-RS-60-S, this model with the electric shutter has been discontinued. Model# KGL-RM-60-S with a manual locking shutter is offered as a substitute. Will this be acceptable?

Item number 45 changed to item 30 with a quantity of 3 (model will be KGL-RM-40-S)

Item 49 – Specs call for mobile work table with utensil drawer. The floor plan and elevation E,F/FS9.2 doesn't show a drawer. Confirm if a drawer is needed.

No drawer needed for item 49. Please see addendum 2 for revised specifications.

Item 53 – Specs call for True #TPP-AT-60-HC, pizza prep table calls for 5" castors, standard. Floor plan shows mobile. Elevation E,F/FS9.2 shows unit on casters. Anchorage detail points to B/FS8.2 flanged feet. Confirm unit needs to be on casters or flanged feet.

Unit to be provided with anchorage referenced in schedule (flanged feet)

Thank you for your help,



Patrick Jones | Partner | Principal