ADDENDUM NUMBER 2

BERRYESSA UNION SCHOOL DISTRICT
BID B-14-2022-22
DISTRICT WIDE RESTROOM EXHAUST FAN REPLACEMENT

DATE: April 17, 2023

ARCHITECT: FLATLEY DESIGN PLANNING MANAGEMENT

NOTICE TO ALL CONTRACTORS SUBMITTING BIDS FOR THIS WORK AND TO ALL PLAN HOLDERS:

You are hereby notified of the following CHANGES, clarifications or modifications to the original Contract Documents, Project Manual, Drawings, Specifications and subsequent Addenda. This Addendum shall supersede the original Contract Documents and previous Addenda wherein it contradicts the same and shall take precedence over anything to the contrary therein. All other conditions remain UNCHANGED.

A. CHANGES AND/OR CLARIFICATIONS TO THE PROJECT MANUAL, CONTRACT DOCUMENTS AND SPECIFICATIONS:

Item (1) Refer to the Project Manual, the following sections:

SECTION: 00 73 00 - Special Conditions

REPLACE Document in its entirety with the attached:

Clarification:

Additional requirements added to 2. Modernization/Post Occupancy Projects

Item (2) Refer to the Project Manual, the following sections:

SECTION: 01 10 12 - Bid Division Descriptions

REPLACE Document in its entirety with the attached:

Clarification:

Additional clarification added to 1.4 Bid Division Description

B. CHANGES AND/OR CLARIFICATIONS TO THE DRAWINGS:

Item (3) Refer to page 271 of the project manual titled "Louver Work"

A. **REPLACE** page entirely with the attached:

Clarification:

Removed work from Cherrywood, Laneview, Ruskin, and Toyon Elementary Schools

Item (3) Refer to pages 275, 277, 286, 288, 290, 293, 294, 297, 298, 306, 317, 323, 326, 328, 329, 334, 340, 348, & 349 of the project manual.

A. **REPLACE** pages entirely with the attached:

Clarification:

Clarified TBD scopes of work, and removed Architect comments

CONFORMANCE WITH CONTRACT DOCUMENTS, PROJECT MANUAL, DRAWINGS AND SPECIFICATIONS

All addenda work shall be in strict conformance with the Contract Documents, Project Manual, Drawings and Specifications as they pertain to work of a similar nature.

BY:_____
JOE FLATLEY, ARCHITECT, C25308

DOCUMENT 00 73 00

SPECIAL CONDITIONS

1. **Mitigation Measures**

Contractor shall comply will all applicable mitigation measures, if any, adopted by any public agency with respect to this Project pursuant to the California Environmental Quality Act. (Public Resources Code section 21000 et. seq.).

2. **Modernization / Post Occupancy Projects**

a. **Access**. Access to the school buildings and entry to buildings, classrooms, restrooms, mechanical rooms, electrical rooms, or other rooms, for construction purposes, must be coordinated with District and onsite District personnel before Work is to start. Unless agreed to otherwise in writing, only a school custodian will be allowed to unlock and lock doors in existing building(s). The custodian will be available only while school is in session. If a custodian is required to arrive before 7:00 a.m. or leave after 3:30 p.m. to accommodate Contractor's Work, the overtime wages for the custodian will be paid by the Contractor, unless, at the discretion of the District, other arrangements are made in advance.

b. **Master Key**. Upon request, the District may, at is own discretion, provide a master key to the school site for the convenience of the Contractor. The Contractor agrees to pay all expenses to re-key the entire school site and all other affected District buildings if the master key is lost or stolen or if any unauthorized party obtains a copy of the key or access to the school.

c. **Maintaining Services**. The Contractor is advised that Work is to be performed in spaces regularly scheduled for instruction. Interruption and/or periods of shutdown of public access, electrical service, water service, lighting, or other utilities shall be only as arranged in advance with the District. Contractor shall provide temporary services to all facilities interrupted by Contractor's Work. This includes a portable temporary restrooms for any restrooms that are not able to be worked on during summer break or after hours.

d. **Maintaining Utilities**. The Contractor shall maintain in operation during duration of Contract, drainage lines, storm drains, sewers, water, gas, electrical, steam, and other utility service lines within working area. No new services or connections shall be anticipated for operation of existing facilities during construction.

e. **Confidentiality**. Contractor shall maintain the confidentiality of all information, documents, programs, procedures and all other items that Contractor encounters while performing the Work. This requirement shall be ongoing and shall survive

the expiration or termination of this Contract and specifically includes, without limitation, all student, parent, and employee disciplinary information and health information.

f. **Laydown areas/Roof Access/Vehicles on site** Contractor shall only move onto site when no students are present. Specifically before first period and while class is in session. Contractor shall wait for students to go between classes before the move from one area of campus to another or to leave the campus. Trucks must always be accompanied by another worker on foot whether students are present or not. Contractor must provide barricades and or fencing to separate students and staff from contractor vehicles equipment or laydown area. Contractor shall submit a site specific safety plan for each campus to be approved by the district. Included in the plan among other things is how they are going to access the roof, where they are going to park vehicles, where planed laydown for equipment, fencing/separation plan, etc.

g. **No Work During Student Testing**. Contractor shall, at no additional cost to the District and at the District's request, coordinate its Work to not disturb District students including, without limitation, not performing any Work when students at the Site are taking State-required tests.

h. **No Work inside building restrooms during school hours** Contractor shall, at no additional cost to the District and at the District's request, coordinate its Work to not work inside building during school hours unless providing temporary restroom facilities. Location and type of temporary restroom to be preapproved by the district and delivery and movement to be coordinated through the construction manager.

3. **Substitution for Specified Items**

a. Requests for substitutions prior to award of the Contract shall be done within the time period indicated in the Instructions to Bidders.

b. Whenever in the Specifications any materials, process, or article is indicated or specified by grade, patent, or proprietary name, or by name of manufacturer, that Specification shall be deemed to be followed by the words "or equal." Contractor may, unless otherwise stated, offer any material, process, or article that shall be substantially equal or better in every respect to that so indicated or specified.

(1) If the material, process, or article offered by Contractor is not, in the opinion of the District, substantially equal or better in every respect to that specified, then Contractor shall furnish the material, process, or article specified in the Specifications without any additional compensation or change order.

(2) This provision shall not be applicable with respect to any material, product, thing or service for which District made findings and gave notice in accordance with Public Contract Code section 3400(b); therefore, Contractor shall not be entitled to request a substitution with respect to those materials, products or services.

c. A request for a substitution shall be in writing and shall include:

(1) All variations of the proposed substitute from the material specified including, but not limited to, principles of operation, materials, or construction finish, thickness or gauge of materials, dimensions, weight, and tolerances;

(2) Available maintenance, repair or replacement services;

(3) Increases or decreases in operating, maintenance, repair, replacement, and spare parts costs;

(4) Whether or not acceptance of the substitute will require other changes in the Work (or in work performed by the District or others under Contract with the District); and

(5) The time impact on any part of the Work resulting directly or indirectly from acceptance of the proposed substitute.

d. No substitutions shall be made until approved, in writing, by the District. The burden of proof as to equality of any material, process, or article shall rest with Contractor. The Contractor warrants that if substitutes are approved:

(1) The proposed substitute is equal or superior in all respects to that specified, and that such proposed substitute is suitable and fit for the intended purpose and will perform adequately the function and achieve the results called for by the general design and the Contract Documents;

(2) The Contractor provides the same warranties and guarantees for the substitute that would be provided for that specified;

(3) The Contractor shall be fully responsible for the installation of the substitute and any changes in the Work required, either directly or indirectly, because of the acceptance of such substitute, with no increase in Contract Price or Contract Time. Incidental changes or extra component parts required to accommodate the substitute will be made by the Contractor without a change in the Contract Price or Contract Time;

(4) The Contractor shall be responsible for any re-design costs occasioned by District's acceptance and/or approval of any substitute; and

(5) The Contractor shall, in the event that a substitute is less costly than that specified, credit the District with one hundred percent (100%) of the net difference between the substitute and the originally specified material. In this event, the Contractor agrees to execute a deductive Change Order to reflect that credit.

e. In the event Contractor furnishes a material, process, or article more expensive than that specified, the difference in the cost of that material, process, or article so furnished shall be borne by Contractor.

f. In no event shall the District be liable for any increase in Contract Price or Contract Time due to any claimed delay in the evaluation of any proposed substitute or in the acceptance or rejection of any proposed substitute.

4. **Fingerprinting**

Contractor shall comply with the provisions of Education Code section 45125.2 regarding the submission of employee fingerprints to the California Department of Justice and the completion of criminal background investigations of its employees, its subcontractor(s), and its subcontractors' employees. Contractor shall not permit any employee to have any contact with District pupils until such time as Contractor has verified in writing to the governing board of the District, that such employee has not been convicted of a felony, as defined in Education Code section 45122.1. Contractor shall fully complete and perform all tasks required pursuant to the Criminal Background Investigation/ Fingerprinting Certification.

5. **Weather Days**

Extensions of the Performance Period shall be determined by reference to the Terms and Conditions to Field Contract. Rain in excess of one-tenth of an inch (1/10") in one (1) day, or tempature which does not exceed 32° F shall be considered adverse weather. The following chart shows the normal number of adverse weather days:

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
10	8	8	5	2	1	0	0	1	3	7	8

6. **Insurance Policy Limits**. All of Contractor's insurance shall be with insurance companies with an A.M. Best rating of no less than A: XI. All limits of insurance shall not be less than what is specified in Agreement Between Owner and Contractor Document 00 52 26, Article XI, Indemnifications and Insurance in the.

7. **Permits, Certificates, Licenses, Fees, Approval**

a. **Payment for Permits, Certificates, Licenses, and Fees**. As required in the Terms and Conditions to Field Contract, the Contractor shall secure and pay for all permits, licenses and certificates necessary for the prosecution of the Work with the exception of the following:

(1) Water connection fees
(2) Sewer connection fees
(3) Electrical connection fees
(4) Gas connections fees
(5) Cable TV connection fees
(6) Phone connection fee

With respect to the above listed items, Contractor shall be responsible for securing such items, however, District will be responsible for payment of these charges or fees. Contractor shall notify the District of the amount due with respect to such items and to whom the amount is payable. Contractor shall provide the District with an invoice and receipt with respect to such charges or fees. The contractor shall receive written approval from the District prior to any payment.

b. The Contractor shall obtain a Grading Permit from the City of Menlo Park Engineering Department prior to any grading activities on the site. An approved Engineer's Estimate of costs shall be submitted to the Engineering Department, for the determination of the grading fees, which shall be paid at the time of Engineering Permit issuance and in the amounts specified in the City code and regulations that are in effect at that time. Currently, the grading plan check fees are 2.5% and inspection fees are 3.00% of the cost of grading. The cost of the Grading Permit shall be included in the base bid.

c. **Storm Water Pollution Prevention Plan**

- NPDES PERMITTING

1. General. The intent of these requirements is to enforce federal, state and local laws, ordinances, codes and regulations that pertain to storm water pollution attributable to construction projects. Storm drains discharge directly to creeks without treatment. Therefore, discharge of pollutants (i.e. any substance, material or waste other than uncontaminated storm water) into the storm drain system is strictly prohibited.

   For the purpose of eliminating storm water pollution, the Contractor shall implement effective
   control measures over the entire project. There are several publications which provide guidance on selecting and implementing effective control measures known as Best Management Practices (BMPs). BMPs include, but are not

limited to, schedules of activities, prohibition of practices, general good housekeeping practices, operational practices, pollution prevention practices, maintenance procedures and other management procedures designed to prevent the discharge of pollutants directly or indirectly to the storm drain system. BMPs also include the construction of some facilities which may be required to prevent, control and abate storm water pollution. The reference publications are as follows:

* California Storm Water Best Management Practices Handbook-Industrial/Commercial
* California Storm Water Best Management Practices Handbook-Construction Activity

These handbooks may be purchased from Blue Print Services (BPS), 1700 Jefferson Street, Oakland, California 94612, (510) 287-5485.

The Contractor shall be responsible for preparing and submitting to the Owner a Storm Water Pollution Prevention Plan (SWPPP) in conformance with the California NPDES (National Pollution Discharge Elimination System) General Permit for Storm Water Discharges associated with construction activity. The SWPPP shall address intended methods to reduce the amount of pollutants contained in storm water runoff during construction of the work.

The SWPPP is considered a report available to the public under Section 308 (b) of the Clean Water Act. The SWPPP shall be kept at the site during construction and made available upon request of a representative of the Regional Water Board or other local agency. The Contractor shall amend the SWPPP for any change in construction or operations which may affect the discharge of pollutants to surface water, ground waters, or storm drain system.

The Contractor shall submit the SWPPP to the Owner and governing agencies within fifteen (15) days of the Notice to Proceed. Upon approval of the SWPPP, the Contractor shall be responsible for implementing, maintaining, and repairing all storm water pollution controls as described in his approved SWPPP for the duration of the work. The Contractor shall make any repairs to the storm water pollution controls and amend the SWPPP if, in the opinion of the Owner, the Contractor is not in compliance with the SWPPP. Failure to make the necessary repairs or other maintenance when directed by the Owner shall result in the necessary repair work being done by District forces, and the Contractor will be billed at double the rate of all District expenses. In addition, the Contractor shall be responsible for any fines imposed by the Regional Water Quality Control Board or other agency as a result of noncompliance, negligence, or violation of permit conditions.
Records of all inspections and compliance certifications reporting must be retained as part of the Storm Water Pollution Prevention Plan for a period of three years. Upon completion of the project construction and termination of

coverage under the General Permit, the records shall be retained by the contractor with a copy of the final SWPPP.

2. Material Storage. Storage and exposure of raw materials, by-products, finished products, and containers shall be controlled as described below:

   All construction materials shall be stored at least ten (10) feet away from inlets, catch basins, and curb returns. The Contractor shall not allow any material to enter the storm drain system. At the end of each working day, the Contractor shall collect and dispose of all scrap, debris, and waste material.

   During wet weather or when rain is forecast, the Contractor shall store materials that can contaminate rainwater or be transported by storm water or other runoff to the storm drain system inside a building or cover them with a tarp or other waterproof material secured with weighted tires or sandbags to prevent contact with rain.

   The Contractor is reminded that storage and disposal of all hazardous materials such as paints, thinners, solvents, and fuels; and all hazardous wastes such as waste oil must meet all federal, state and local standards and requirements.

3. De-watering Operations. All groundwater removed from the trench or excavations must be de-silted prior to discharging it into the storm drain system through filtering materials and methods meeting the Association of Bay Area Governments (ABAG) Standards for Erosion & Sediment Control Measures and/or through methods and procedures described in the California Storm Water Best Management Practice Handbook - Construction Activity (latest edition).

4. Pavement Saw-Cutting Operations. The Contractor shall prevent any saw-cutting debris from entering the storm drain system. The Contractor, preferably, shall use dry cutting techniques and sweep up residue. If wet methods are used, the Contractor shall vacuum slurry as cutting proceeds or collect all wastewater by constructing a sand bag sediment barrier. The bermed area shall be of adequate size to collect all wastewater and solids. The Contractor shall allow collected water to evaporate if the wastewater volume is minimal and if maintaining the ponding area does not interfere with public use of the street area or create a safety hazard. If approved by the Owner, the Contractor may direct or pump saw-cutting wastewater to a dirt area and allow to infiltrate. The dirt area shall be adequate to contain all the wastewater. After wastewater has infiltrated, all remaining saw-cutting residue must be removed and disposed of properly. Remaining silt and debris from the ponding or bermed area shall be removed or vacuumed and disposed of properly.

   If a suitable dirt area is not available or discharge to the sanitary sewer is not feasible, with the approval of the Owner and Contra Costa County Flood Control (CCCFC) & Water Conservation District (WCD), the Contractor shall filter the saw-cutting wastewater through filtering materials and methods meeting ABAG

Standards for Erosion and Sedimentation Control Measures (latest edition) before discharging to the storm drain.

5. Pavement Operations. The Contractor shall prevent the discharge of pollutants from paving operations by using measures to prevent run-on and run-off pollution, disposing of wastes properly, and by implementing the procedures in the Best Management Practices Handbook. In addition, the Contractor shall observe the following guidelines:
   - Paving during wet weather:
     a) No paving while it is raining.
     b) No paving of the top lift of asphalt concrete (AC) on any day that experiences ¼" of rain in a twenty-four (24) hour period.
     c) No paving of bottom lift if previous seventy-two (72) hour period experienced more than ½" rain, unless directed by the Owner.
   - Store materials as required under section 2.
   - Cover inlets and manholes when applying asphalt, seal coat, tack coat, slurry seal, fog seal, etc.
   - Place drip pans or absorbent materials under paving equipment when not in use. During wet weather, store contaminated paving equipment indoors, or cover with tarp or other waterproof covering.
   - Sweep site daily using mechanical methods to prevent sand, gravel or excess asphalt from entering or being transported by rain into the storm drain system.
   - Keep ample supplies of drip pans or absorbent materials on-site.
   - If paving involves Portland cement concrete, refer to section G6 below.
   - All of the above at the discretion of the Owner.

6. Concrete Operations. **Do not wash out concrete trucks into storm drains, open ditches, streets, streams, etc.** The Contractor shall prevent the discharge of pollutants from concrete operations by using measures to prevent run-on and run-off pollution, properly disposing of wastes, and by implementing the following BMPs:
   - Store all materials in waterproof containers or under cover away from drain inlets or drainage areas.
   - Avoid mixing excess amounts of Portland cement materials. Dispose of any excess materials properly.
   - Whenever possible, perform washout of concrete trucks off-site where discharge is controlled and not permitted to discharge to the storm drain system. For on-site washout:
   - Locate washout area at least fifty (50) feet from storm drains, open ditches or other water bodies, preferably in a dirt area. Confine run-off from this area by constructing a temporary pit or bermed area large enough for the liquid and solid waste.
   - Wash out concrete wastes into the temporary pit where the concrete can set, be broken up and then disposed of properly. If the volume of water is greater than what will allow concrete to set, allow the wash water to

infiltrate and/or evaporate, if possible. Remove or vacuum the remaining silt and debris from the ponding or bermed area and dispose of it properly.

- Dispose of wastewater from washing of exposed aggregate to dirt area. The dirt area shall be adequate to contain all the wastewater and once the wastewater has infiltrated, any remaining residue must be removed.
- Collect and return sweepings from exposed aggregate concrete to a stockpile or dispose of the waste in trash container.

7. Grading and Excavation Operations. The Contractor shall prepare a 40 scale erosion control plan and submit it to the Owner and governing agencies for approval, within fifteen (15) days of the Notice To Proceed.

   The erosion and sedimentation control materials and methods shall be in accordance with ABAG Standards For Erosion And Sediment Control Measures and/or the procedures and methods described in the California Storm Water Best Management Practice Handbook - Construction Activity (latest edition) and the City of Menlo Park grading ordinance.

   Sedimentation and erosion control/filter materials shall be placed in a manner that will retain any debris or sediment from flowing into the storm drain system. The Contractor shall have labor, tools, equipment and materials needed, at the job site, to provide the erosion control measures necessary as a result of earthwork or trenching before beginning or continuing these construction activities. Sand bags and straw wattle shall be stockpiled adjacent to the locations of activity and ready to be installed when the rainfall forecast for 48 hours is 40% or greater or when directed by the Owner.

The Contractor shall install siltation control devices around catch basins at the end of each working day. These devices shall be maintained at all times during the construction period, and shall be removed when construction is complete.

The Contractor shall not be allowed to block existing drainage flowing onto the work area. The Contractor shall install temporary drainage facilities, if necessary. There shall be no extra compensation to the Contractor for keeping existing drainage open. The Contractor is responsible for any damage to property or existing improvements resulting from blocking existing drainage.

The Contractor shall inspect the sites of work at the beginning and once every 24-hour period through the duration of each storm to assure that inlets and pipes are not blocked with silt or debris and shall be prepared to make repairs to the erosion control devices and take any other remedial measures as directed by the Owner. At the end of a storm event all depressions with ponded water, the water in catch basins, and the check dam ponds shall be pumped dry and all silt and debris removed. This work shall be completed within twenty-four (24) hours after the end of each storm.

8. Spill Prevention and Control. The Contractor shall take any and all precautions to prevent accidental spills during the work under this contract. However, in the event of a spill:
   - The Contractor shall immediately contain and prevent leaks and spills from entering the storm drain system, and properly clean-up and dispose of the waste and clean-up materials. If waste is hazardous, the Contractor shall comply with all federal, state and local hazardous waste requirements.
   - The Contractor shall not wash any spilled material into the streets, gutters, storm drains, or creeks.
   - The Contractor shall report any hazardous material spills immediately to the Owner and the City of Menlo Park Police Department, as per hazardous material response protocol.

9. Vehicle/Equipment Cleaning. The Contractor shall not perform vehicle or equipment cleaning or maintenance on-site or in the street using soaps, solvents, de-greasers, steam cleaning equipment or equivalent methods. The Contractor shall perform vehicle or equipment cleaning with water only in a designated, bermed area that will not allow rinse water to run off-site or into the storm drain system. The rinse-water shall be permitted to infiltrate in dirt area or shall be discharged to the sanitary sewer with the approval of the Owner and City Engineer.

   The Contractor shall dispose of wash water from the cleaning of water base paint equipment and tools to the sanitary sewer.

   If using oil based paint, to the maximum extent practicable, the Contractor shall filter the paint thinner and solvents for reuse and dispose of the waste thinner and solvent, and sludge from cleaning of equipment and tools as hazardous waste. No disposal of oil base materials is allowed into the City sewer system.

10. Contractor Training and Awareness. The Contractor shall train all employees on the water pollution prevention requirements contained in these specifications. The Contractor shall inform all subcontractors of the water pollution prevention contract requirements and include appropriate subcontract provisions to ensure that these requirements are met.

    The Contractor shall utilize thermoplastic to stencil new catch basins, constructed as part of the project, with "No Dumping, Drains to Delta". Stencils for this purpose are available from the Engineer at a cost of $12.50 for each stencil and must be incorporated as part of contractors bid price.

11. Good Housekeeping Practices. In addition to the practices and procedures discussed above, the Contractor shall implement the following applicable good housekeeping practices.
    - Store materials that have the potential to be transported to the storm drain system by storm run-off or by a spill under cover in a contained area or in sealed waterproof containers.

- Use tarps on the ground to collect fallen debris or splatters that could contribute to storm water pollution.
- Secure opened bags of cement, and of other light or powdered materials which can be transported by wind.
- Pick up litter, construction debris and other wastes daily from outside areas including the sidewalk area, gutter, street pavement and storm drains impacted by the project. All wastes shall be stored in covered containers or disposed of or recycled immediately.
- Dispose of wash water to the sanitary sewer with the approval of City Engineer or recycle wash water (refer to section 6).
- Inspect vehicles and equipment arriving on-site for leaking fluids and promptly repair leaking vehicles and equipment. Vehicles leaking fluids will not be allowed on the construction site and if not repaired, must be removed.
- Avoid spills by handling materials carefully. Keep a stockpile of spill control materials, such as rags or absorbents, readily accessible on-site. Clean up all spills immediately to prevent any material from being discharged to the storm drain (refer to section 8).
- Train employees regularly on good housekeeping practices and BMPs. Assign responsibility to specific employees on BMPs, good housekeeping practices, and what to do in the event of a spill (refer to section 10).
- Maintain and replace all sediment and water pollution control devices as necessary to ensure that said controls are working effectively (e.g. inspect all sediment ponds or sandbag sedimentation/filtering systems after each rain. Remove accumulated sediment and debris and replace or repair damaged sandbags immediately).

END OF DOCUMENT

DOCUMENT 01 10 12

BID DIVISION DESCRIPTIONS

PART 1 - GENERAL

1.1 Section Includes

A. Descriptions of Bid Divisions.

1.2 Related Sections

A. Section 01 11 00 - Summary of Work.

1.3 DESCRIPTIONS OF BID DIVISIONS

A. For the purpose of clarity, the scope of work for each Bid Division has been divided into three categories: "INCLUDED", "ALSO INCLUDED", and "EXCLUDED".

1. Items listed under "INCLUDED" are the standard and/or "conventional" work scope of each Bid Division.
2. Information provided under "ALSO INCLUDED" points out some items which may be considered less obvious or "unconventional," but which are included in the work scope of a particular Bid Division. (Information under this heading is not always necessary to delineate a Bid Division.)
3. Information provided under the heading "EXCLUDED" is for the purpose of indicating beginning and termination points, and/or to provide an understanding of fringe involvements included in Bid Divisions. (Information under this heading is not always necessary to delineate a Bid Division.)

B. Bid Divisions are the categories of Work into which the Project will be divided for bidding and construction. Bid Divisions should not be confused with Specification Sections.

1. Bid Division Descriptions (Section 01 11 12) are a written description of the Scope of the Work included in each of the Bid Divisions.
2. Bid Division Descriptions have been written to clearly define each Bid Division. Contractors are encouraged to request information or clarification by calling the Construction Manager. The Owner will not be responsible for a Contractor's incorrect interpretation of the Descriptions.
3. Although each Bid Division involves a standard segment of

"conventional" trade contracting, multiple contract project delivery requires that adjustments be made to permit the completion of each Bid Division as a separate segment of construction. Each Contractor shall carefully review the total scope of responsibilities with respect to the Work of the Bid Division(s) and shall provide for the total scope in Contractor's Bid Division Proposal.

4. Each Contractor shall become familiar with the work scopes of all other Bid Divisions which interface with the Bid Division of which a proposal is being submitted. Each Contractor shall consider that the work of Contractor's Bid Division(s) may follow the work of another Bid Division, that other Contractors may perform work after the work of Contractor's Bid Division(s), and that other Contractors may work simultaneously with the work of Contractor's Bid Division(s). Each Contractor shall include provisions for such sequencing and scheduling, and for cooperation and coordination with such other Contractors in the Bid Proposal.

5. Nothing contained in the Bidding Documents, including the Bid Division descriptions, shall be construed by Bidders as an assignment of work to any construction industry trade. Each Bidder is responsible for Bidder's own work assignments within the Bid Division.

1.4 BID DIVISION DESCRIPTION

A. BID DIVISION 1: DISTRICT WIDE RESTROOM EXHAUST FAN REPLACEMENT – B-14-2022-23

1. Included: Project # B-14-2022-23 – District Wide Restroom Exhaust Fan Replacement. The scope consists of supply, installation, start up & testing rootop and ceiling exhaust fans. All replacement fans to match existing fans size and throughput. Work is for a complete and fully functional installation and system. It includes all required electrical, roof patching, interior ceiling sheetrock and painting, sealing, carpentry & custom fabrication for roof curbs, access and craning, testing, sealing and waterproofing. Includes new labeling of equipment. This includes plastic district labeling to match electrical room. Includes all work necessary for the replacement or new installation of door louvers shown on documents and tables. All exhaust fans to direct drive and not belt driven.

Division 01 General Requirements

Also included but not limited to:

Any debris removal and minor electrical repairs shown in drawings.

All temporary facilities and safety barricades etc to perform work during school year and when school is in session as described in 00 73 00 Special Conditions.

Provide As-built drawings (for this Bid Division) showing original contract, change order work, RFI'S and any other additional work.

All construction included in this Bid Divisions shall be in accordance with all documents, all organizations having jurisdiction, and all other, applicable design criteria.

Provide coordination with other Bid Divisions, District Maintenance staff and District vendors.

If interior ceiling painting is required due to the nature of the replacement, painting shall be corner to corner of the entire ceiling; and all prep and protection necessary will be included.

Excluded:

ADDENDUM #2

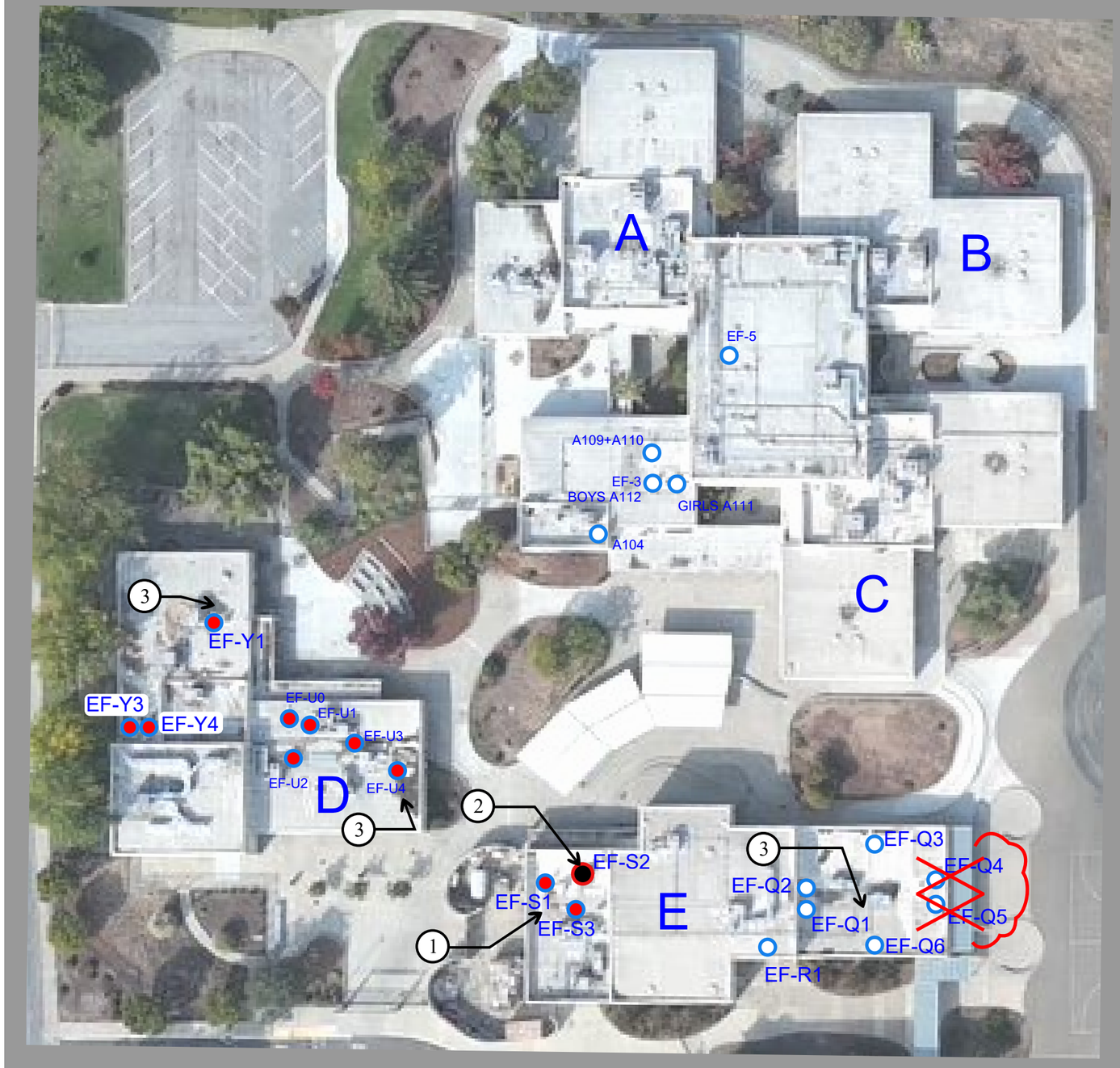
Louver Work

Replace 6 door louvers

Piedmont - A - Boys
Piedmont - A - Girls
Piedmont - D - Boys
Piedmont - D - Girls
Piedmont - H - Boys
Piedmont - H – Girls

Cut in 17 new door louvers

Cherrywood - Boys RR
Cherrywood - Girls RR
Laneview - Boys RR West
Laneview - Girls RR. West
Laneview - Kinder. Rm 2
Morrill - A Boys
Morrill - A Girls
Ruskin - Staff - Men
Ruskin - Staff - Women
Toyon - D Wing Boys
Toyon - D Wing Girls
Toyon - E Wing Boys
Toyon - E Wing Girls
Vinci Park - Exterior Boys 46
Vinci Park - Exterior Girls 47
Vinci Park - Exterior Boys 34
Vinci Park - Exterior Girls 35



SCOPE OF WORK AT ROOF

62 REPLACE EXHAUST FAN. SEE PHOTOS
EF REPLACEMENT MODEL: GREENHECK G-98-VG.
NUMBER INDICATES ROOM IT SERVES. SEE FLOOR PLAN SHEET.

74 REPLACE ROOF FAN. REPLACEMENT MODEL TBD. SIMILAR IN SPEC. TO GREENHECK G-98-VG. OR EQUAL. NUMBER INDICATES ROOM IT SERVES.

69 REPLACE ROOF FAN. REPLACEMENT MODEL TBD. SIMILAR IN SPEC. TO GREENHECK G-98-VG. OR EQUAL. NUMBER INDICATES ROOM IT SERVES.

1 ~~REFURBISH (E) AIR CONDITIONING UNIT. SEE PHOTOS~~

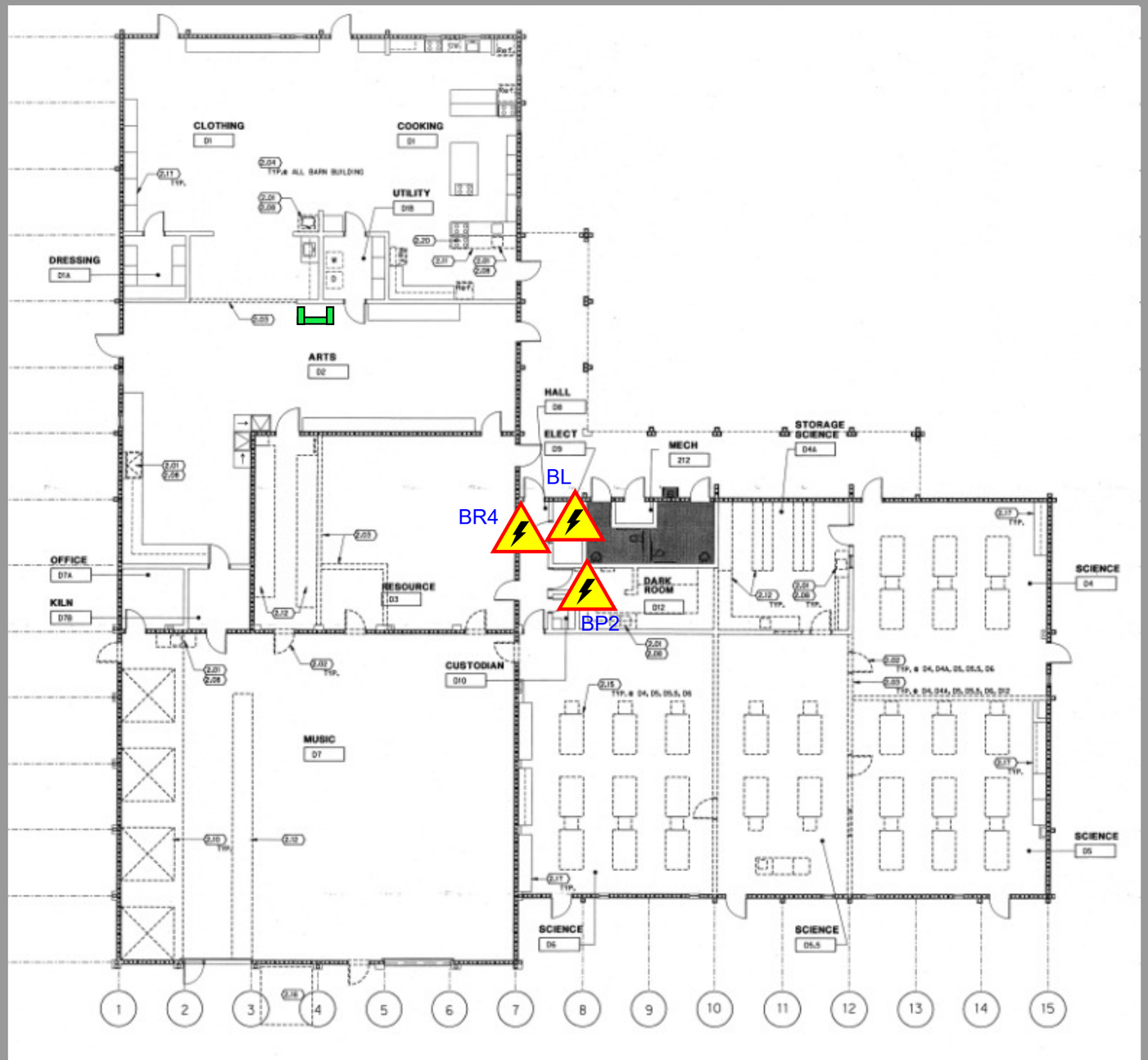
2 CLEAN GREASE TERMINATOR. SEE PHOTOS.

3 REMOVE DEBRIS ON ROOF. SEE PHOTOS.

REPLACES PAGE 275 OF PROJECT MANUAL

FAN REPLACEMENTS: MORRILL MIDDLE SCHOOL

BUSD FACILITIES DEPARTMENT + FLATLEY DESIGN PLANNING MANAGEMENT



ELECTRICAL PANEL LOCATIONS
CEILING FANS AND DOOR LOUVERS

ELECTRICAL PANEL LOCATIONS: ROOMS
SEE PHOTO OF ELECTRICAL PANELS.

ROOF ACCESS: ARTS D2

NO CEILING FANS AT THIS BUILDING

BUILDING D

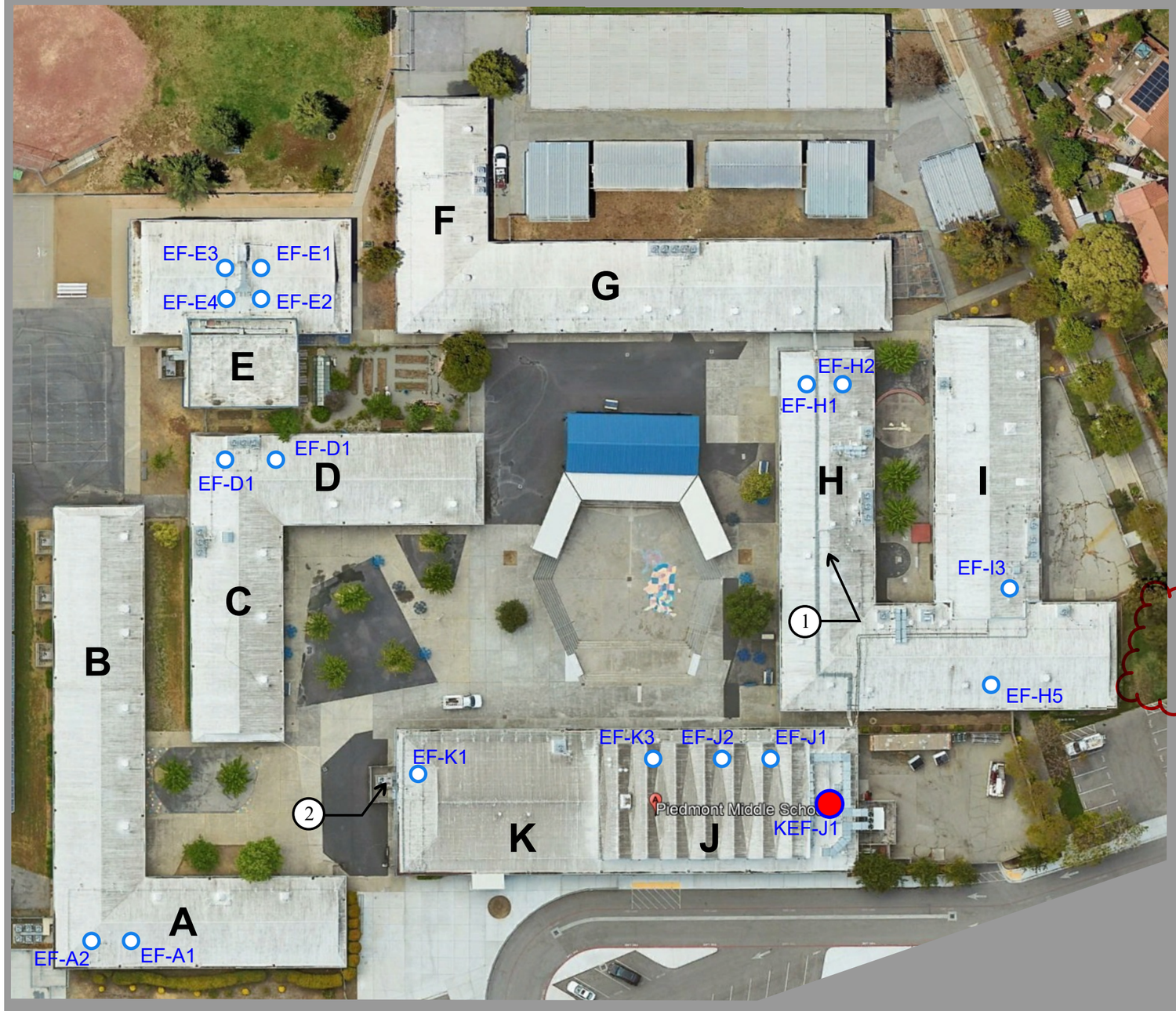
REPLACES PAGE 277 OF PROJECT MANUAL

FAN REPLACEMENTS: MORRILL MIDDLE SCHOOL

BUSD FACILITIES DEPARTMENT

+

FLATLEY
DESIGN
PLANNING
MANAGEMENT



SCOPE OF WORK AT ROOF

EF-H1 — REPLACE EXHAUST FAN. SEE PHOTOS
EF REPLACEMENT MODEL: GREENHECK G-98-VG OR EQUAL. NUMBER INDICATES EF UNIT MARK OR TAG, TYPICAL

KEF-J1 — REPLACE EXHAUST FAN. SEE PHOTOS
EF REPLACEMENT MODEL TBD: SIMILAR IN SPEC. TO GREENHECK G-98-VG OR EQUAL. NUMBER INDICATES EF UNIT MARK OR TAG.

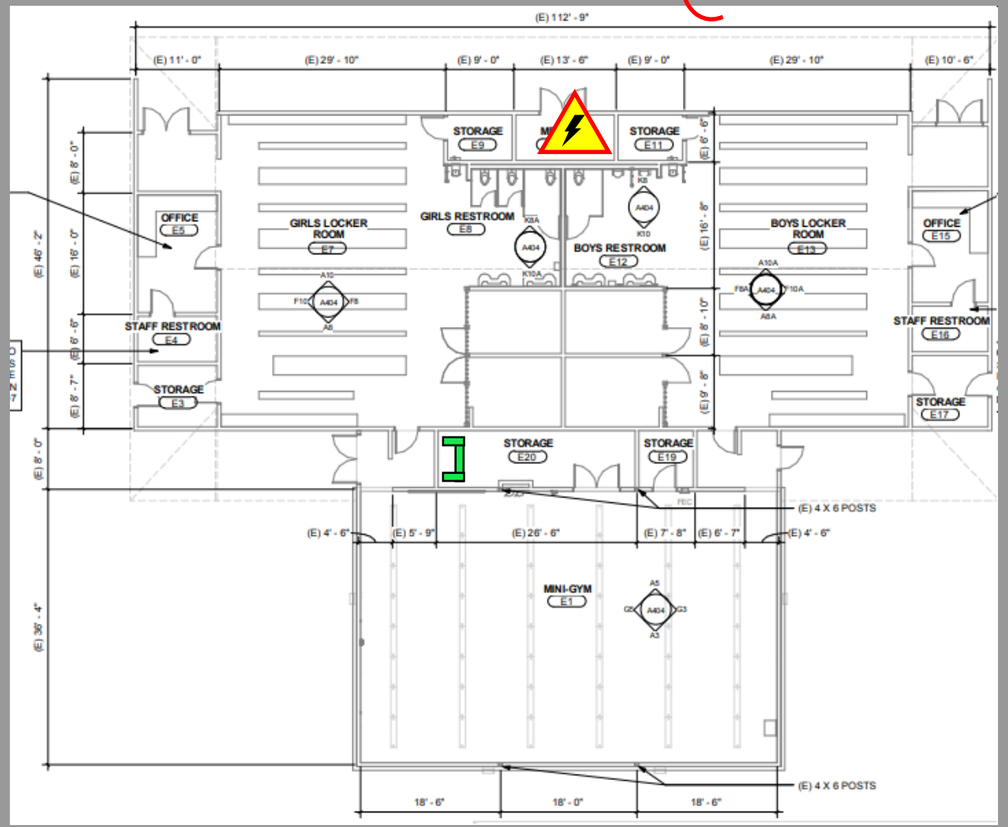
1 — REMOVE DEBRIS ON ROOF. SEE PHOTOS.

2 — REPAIR SHEET METAL AT CONDENSER. SEE PHOTOS.

REPLACES PAGE 286 OF PROJECT MANUAL

FAN REPLACEMENTS: PIEDMONT MIDDLE SCHOOL

BUSD FACILITIES DEPARTMENT + FLATLEY DESIGN PLANNING MANAGEMENT



BUILDING E

ELECTRICAL PANEL LOCATIONS ROOF ACCESS

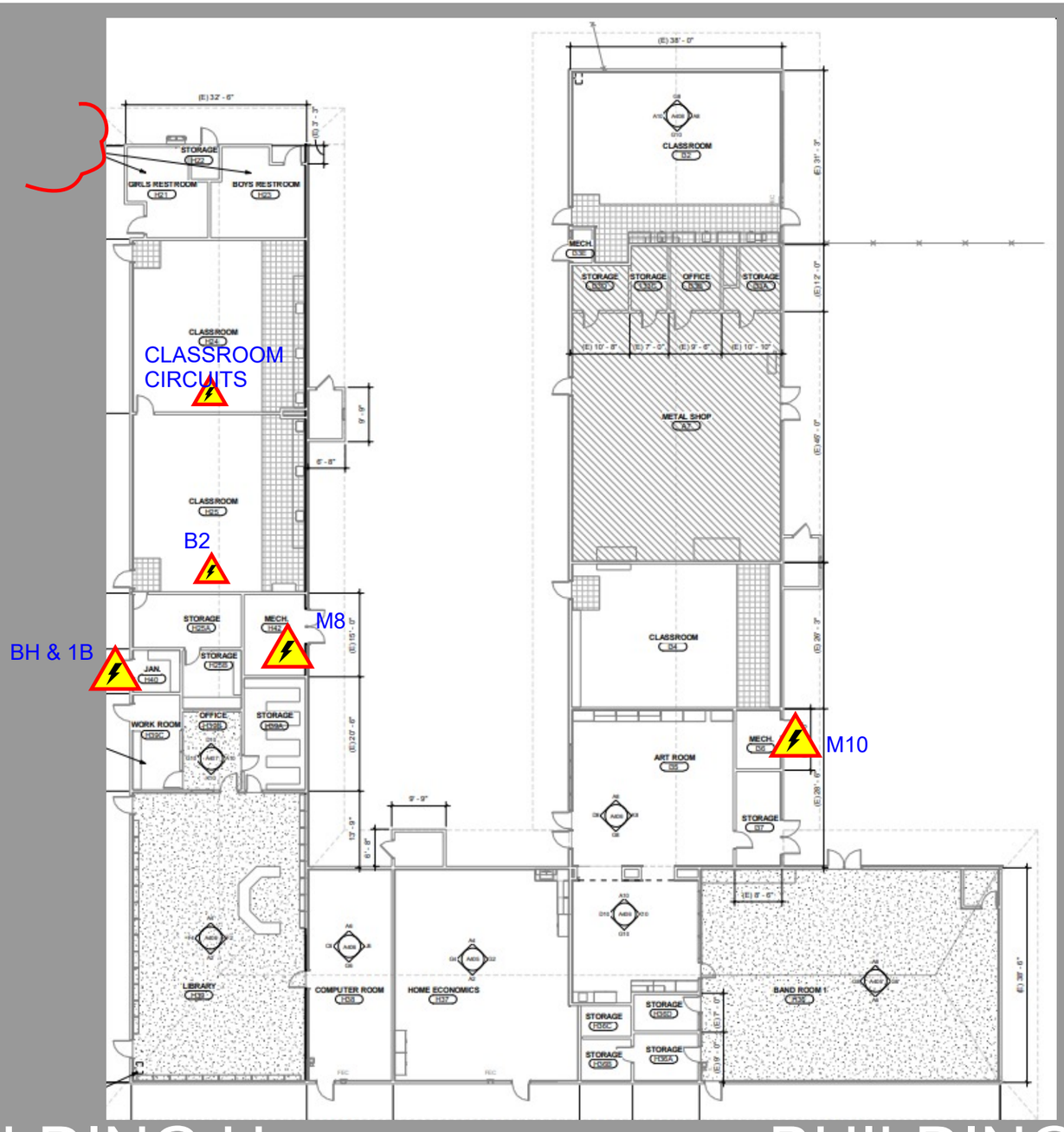
ELECTRICAL PANEL LOCATIONS:
SEE PAGE ON ELECTRICAL PANEL INFO

ROOF ACCESS: STORAGE B123A

REPLACES PAGE 288 OF PROJECT MANUAL

FAN REPLACEMENTS: PIEDMONT MIDDLE SCHOOL

BUSD FACILITIES DEPARTMENT + FLATLEY DESIGN PLANNING MANAGEMENT



ELECTRICAL PANEL LOCATIONS

ELECTRICAL PANEL LOCATIONS:
SEE PAGE ON ELECTRICAL PANEL INFO

REPLACES PAGE 290 OF PROJECT MANUAL

FAN REPLACEMENTS: PIEDMONT MIDDLE SCHOOL

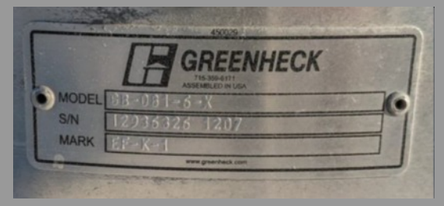
BUSD FACILITIES DEPARTMENT +

FLATLEY DESIGN PLANNING MANAGEMENT

MARK EF-A1, A2, D1, D2 (4) UNITS
MODEL 6B-101-6-X

MARK EF-H1, H2 (2) UNITS
MODEL 6B-081-4-X

MARK EF-I3 (1) UNITS
MODEL 6B-081-4-X



MARK K1 (1) UNITS
MODEL 6B-081-6-X

MARK EF-E1, E2, E3, E4 (4) UNITS
MODEL 6B-101-4-X

MARK EF-H5 (1) UNITS
MODEL 6B-081-4-X

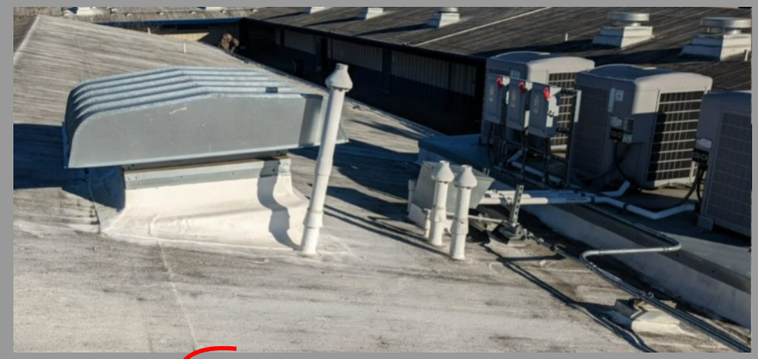
MARK EF-J1, J2, J3 (3) UNITS
MODEL 6B-180-4-X

MARK KEF-J-1 (1) UNITS
MODEL CUBE-180-10-6

EXHAUST FANS

REPLACES PAGE 293 OF PROJECT MANUAL

1 REMOVE DEBRIS (CONFIRM OLD COAXIAL CABLING IS UNUSED



2 REPAIR DAMAGED SHEET METAL ON CONDENSING UNIT

EXHAUST FANS

REPLACES PAGE 294 OF PROJECT MANUAL

FAN REPLACEMENTS: PIEDMONT MIDDLE SCHOOL

BUSD FACILITIES DEPARTMENT +

FLATLEY DESIGN PLANNING MANAGEMENT

SCOPE OF WORK AT ROOF

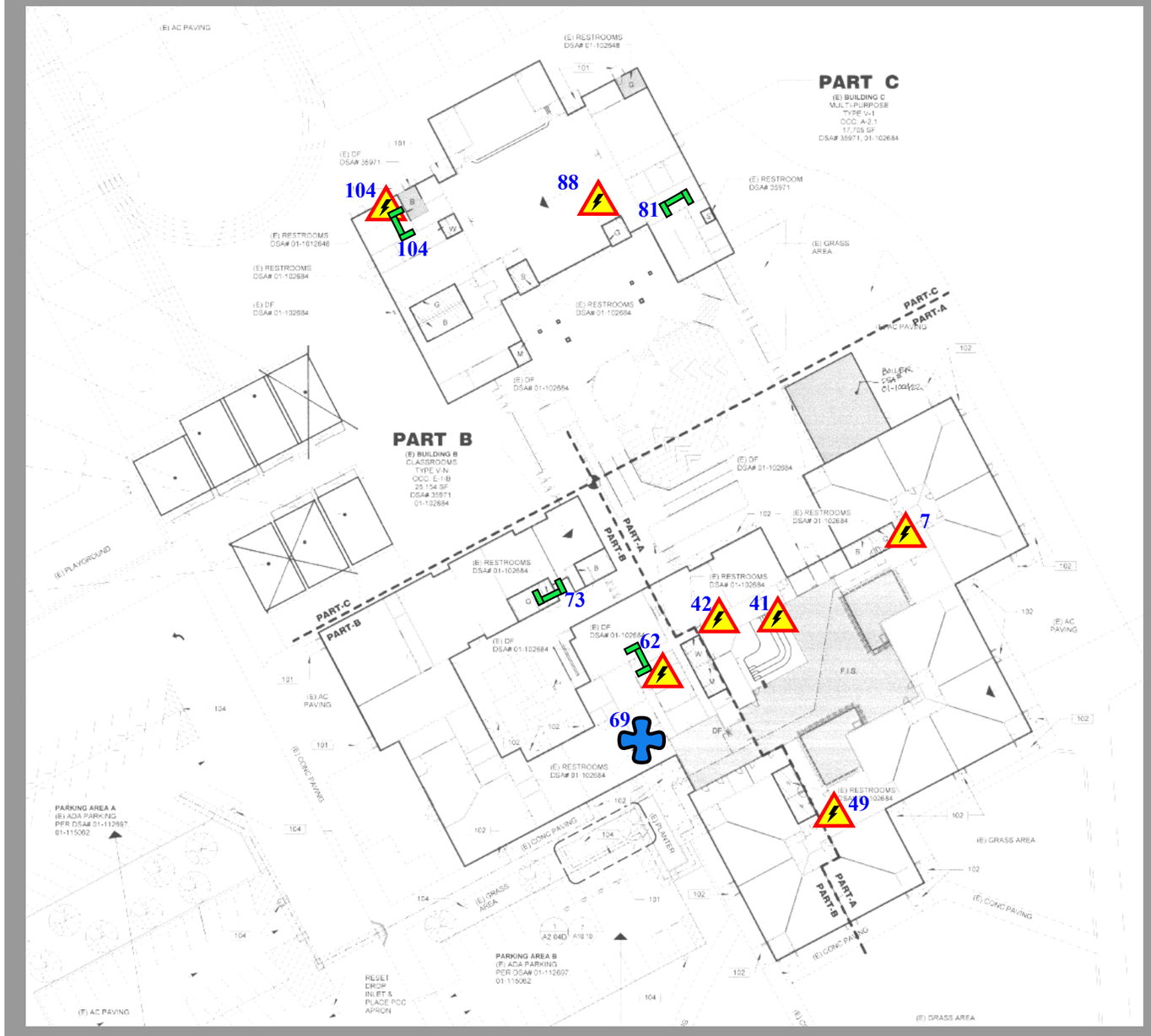
76 — REPLACE EXHAUST FAN. SEE PHOTOS
EF REPLACEMENT MODEL: GREENHECK G-98-VG.
NUMBER INDICATES ROOM IT SERVES. SEE FLOOR PLAN SHEET.

86 — REPLACE VENTILATION SYSTEM OVER KITCHEN. RESTORE POWER TO SYSTEM.

33 — REPLACE EXHAUST FAN. SEE PHOTOS
EF REPLACEMENT MODEL: TBD. SIMILAR TO GREENHECK G-98-VG OR EQUAL. NUMBER INDICATES ROOM IT SERVES. SEE FLOOR PLAN SHEET.

96+103 — REPLACE EXHAUST FAN. SEE PHOTOS
EF REPLACEMENT MODEL: TBD. SIMILAR TO GREENHECK G-98-VG OR EQUAL. NUMBER INDICATES ROOM IT SERVES. SEE FLOOR PLAN SHEET.

REPLACES PAGE 297 OF PROJECT MANUAL



ELECTRICAL PANEL LOCATIONS
CEILING FANS AND ROOF ACCESS

104 ELECTRICAL PANEL LOCATIONS:
SEE PAGE ON ELECTRICAL PANEL INFO

62 ROOF ACCESS: NUMBER INDICATES ROOM

69 REPLACE CEILING FANS WITH
GREENHECK SP-AP 0511W OR EQUAL.

REPLACES PAGE 298 OF PROJECT MANUAL

SCOPE OF WORK AT ROOF

- REPLACE EXHAUST FAN. SEE PHOTOS
  EF REPLACEMENT MODEL: GREENHECK G-98-VG OR EQUAL.
- REPLACE ROOF FAN. REPLACEMENT MODEL TBD. SIMILAR IN SPEC. TO GREENHECK G-98-VG. OR EQUAL.
- REPLACE ROOF FAN. REPLACEMENT MODEL TBD. SIMILAR IN SPEC. TO GREENHECK G-98-VG. OR EQUAL.
- REPLACE ROOF FAN. REPLACEMENT MODEL TBD. SIMILAR IN SPEC. TO GREENHECK G-98-VG. OR EQUAL.
- REPLACE ROOF FAN. REPLACEMENT MODEL TBD. SIMILAR IN SPEC. TO GREENHECK G-98-VG. OR EQUAL.
- (1) CLEAR LEAVES, DEBRIS, UNCLOG ROOF DRAINS IN THIS AREA
- (2) MAKE MINOR REPAIRS TO CONDUITS, JUNCTION BOXES IN THIS AREA.
- ~~(3) PROVIDE SERVICING TO (E) CONDENSING UNIT. SEE PHOTOS~~

REPLACES PAGE 306 OF PROJECT MANUAL

FAN REPLACEMENTS: NOBLE ELEMENTARY SCHOOL

BUSD FACILITIES DEPARTMENT + FLATLEY DESIGN PLANNING MANAGEMENT

SCOPE OF WORK AT ROOF

REPLACE EXHAUST FAN. SEE PHOTOS
EF REPLACEMENT MODEL: GREENHECK G-98-VG.
NUMBER INDICATES ROOM IT SERVES. SEE FLOOR PLAN SHEET.

REPLACE EXHAUST FAN. SEE PHOTOS
EF REPLACEMENT MODEL: GREENHECK G-98-VG.
NUMBER INDICATES ROOM IT SERVES. SEE FLOOR PLAN SHEET.

REPLACES PAGE 317 OF PROJECT MANUAL

FAN REPLACEMENTS: NORTHWOOD SCHOOL

BUSD FACILITIES DEPARTMENT +

FLATLEY DESIGN PLANNING MANAGEMENT

BUILDING 100

BUILDINGS 300, 400, 500

REPLACES PAGE 323 OF PROJECT MANUAL

FAN REPLACEMENTS: NORTHWOOD SCHOOL

BUSD FACILITIES DEPARTMENT +

FLATLEY DESIGN PLANNING MANAGEMENT

GREENHECK
Building Value in Air.

Job Name: G-098-VG Cut Sheet
Tag: MK-1
Quantity: 1
Printed Date: May 16, 2022

Model: G-098-VG

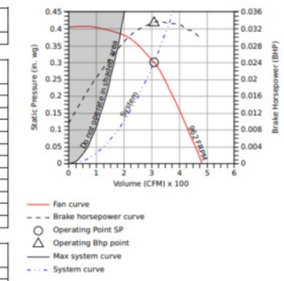
Direct Drive Centrifugal Roof Exhaust Fan

Standard Construction Features: Aluminum housing. Centrifugal backward inclined aluminum (composite for sizes 60-95) wheel. Direct driven motor mounted on vibration isolation.

Fan Configuration	
Drive type	Direct

Performance	
Requested Volume (CFM)	308
Actual Volume (CFM)	308
Total External SP (in. wg)	0.3
Fan RPM	962
Operating Power (bhp)	0.03
Startup Power (bhp)	0.03
Air Stream Temp (F)	70
Start-up Temp (F)	70
Air Density (lbs/ft^3)	0.075
Elevation (ft)	15
Static Efficiency (%)	44
Outlet Velocity (ft/min)	321

Motor	
Size (hp)	1/4
V/C/P	115/60/1
NEC FLA (Amps)	3.8



Sound

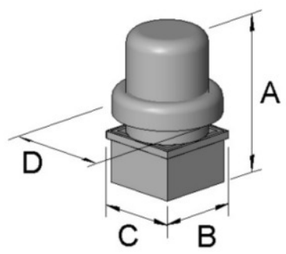
	Octave Bands (hz)								LwA	dBA	Sones
	62.5	125	250	500	1000	2000	4000	8000			
Inlet	66	64	61	54	50	45	38	35	58	46	4.2

Greenheck Fan Corporation certifies that the model shown herein is licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.The AMCA certified ratings seal applies to sound and air performance ratings only.Performance certified is for installation type A: Free inlet, free outlet.Power rating does not include transmission losses.Performance ratings include the effects of birdscreen.The sound ratings shown are loudness values in hemispherical sones at 1.5 m (5 ft) in a hemispherical free field calculated per ANSI/AMCA Standard 301.Values shown are for Installation Type A: free inlet hemispherical sone levels.dBA levels are not licensed by AMCA International. The AMCA Certified Ratings Seal for Sound applies to inlet sone ratings only.

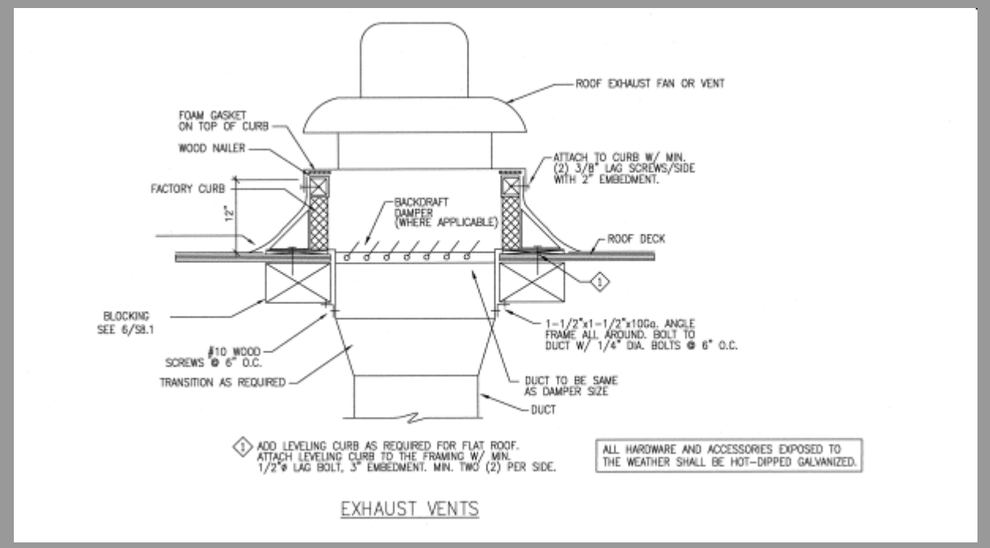
GREENHECK
Building Value in Air.

Job Name: G-098-VG Cut Sheet
Tag: MK-1
Quantity: 1
Printed Date: May 16, 2022

Dimensions and Weights		
Label	Value	Description
-	38	Weight w/o accessories (lbs)
A	36	Overall Height (in)
D	24	Overall Width (in)
B	19	Curb Cap Width (in)
C	19	Curb Cap Length (in)
-	12	Duct / Damper Width (in)
-	12	Duct / Damper Length (in)
-	14.5	Roof Opening Width (in)
-	14.5	Roof Opening Length (in)



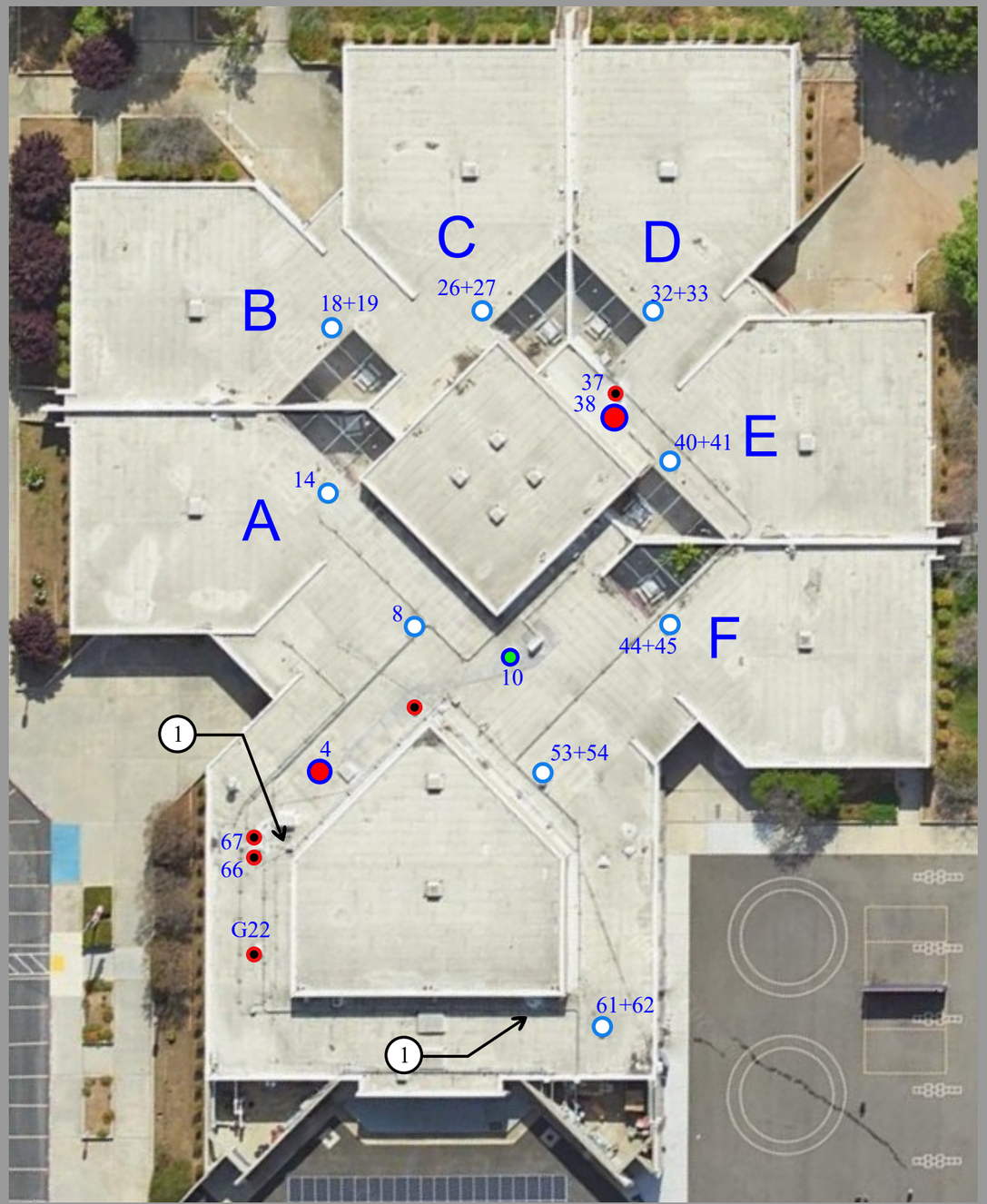
EXHAUST FAN REPLACEMENT CUT SHEET



EXHAUST VENTS

EXHAUST FAN CURB DETAIL

REPLACES PAGE 326 OF PROJECT MANUAL



SCOPE OF WORK AT ROOF

8 — REPLACE EXHAUST FAN. SEE PHOTOS
EF REPLACEMENT MODEL: GREENHECK G-98-VG.
NUMBER INDICATES ROOM IT SERVES. SEE FLOOR PLAN SHEET.

38 — REPLACE ROOF FAN. REPLACEMENT MODEL TBD. SIM IN SPEC TO GREENHECK G-98-VG. OR EQUAL. NUMBER INDICATES ROOM IT SERVES.

37 — REPLACE ROOF FAN. REPLACEMENT MODEL FLOAIRE JS 09 OR EQUAL. NUMBER INDICATES ROOM IT SERVES.

10 — REPLACE ROOF FAN. REPLACEMENT MODEL FLOAIRE JS 13 OR EQUAL. NUMBER INDICATES ROOM IT SERVES.

(1) REPLACE VENT CAP. SEE PHOTOS.

(2) REMOVE DEBRIS IN THIS AREA.

REPLACES PAGE 328 OF PROJECT MANUAL

FAN REPLACEMENTS: BROOKTREE SCHOOL

BUSD FACILITIES DEPARTMENT + FLATLEY DESIGN PLANNING MANAGEMENT

ELECTRICAL PANEL LOCATIONS
CEILING FANS AND DOOR LOUVERS

ELECTRICAL PANEL LOCATIONS: ROOMS
SEE PHOTO OF ELECTRICAL PANELS.

ROOF ACCESS: STORAGE ROOM 45.

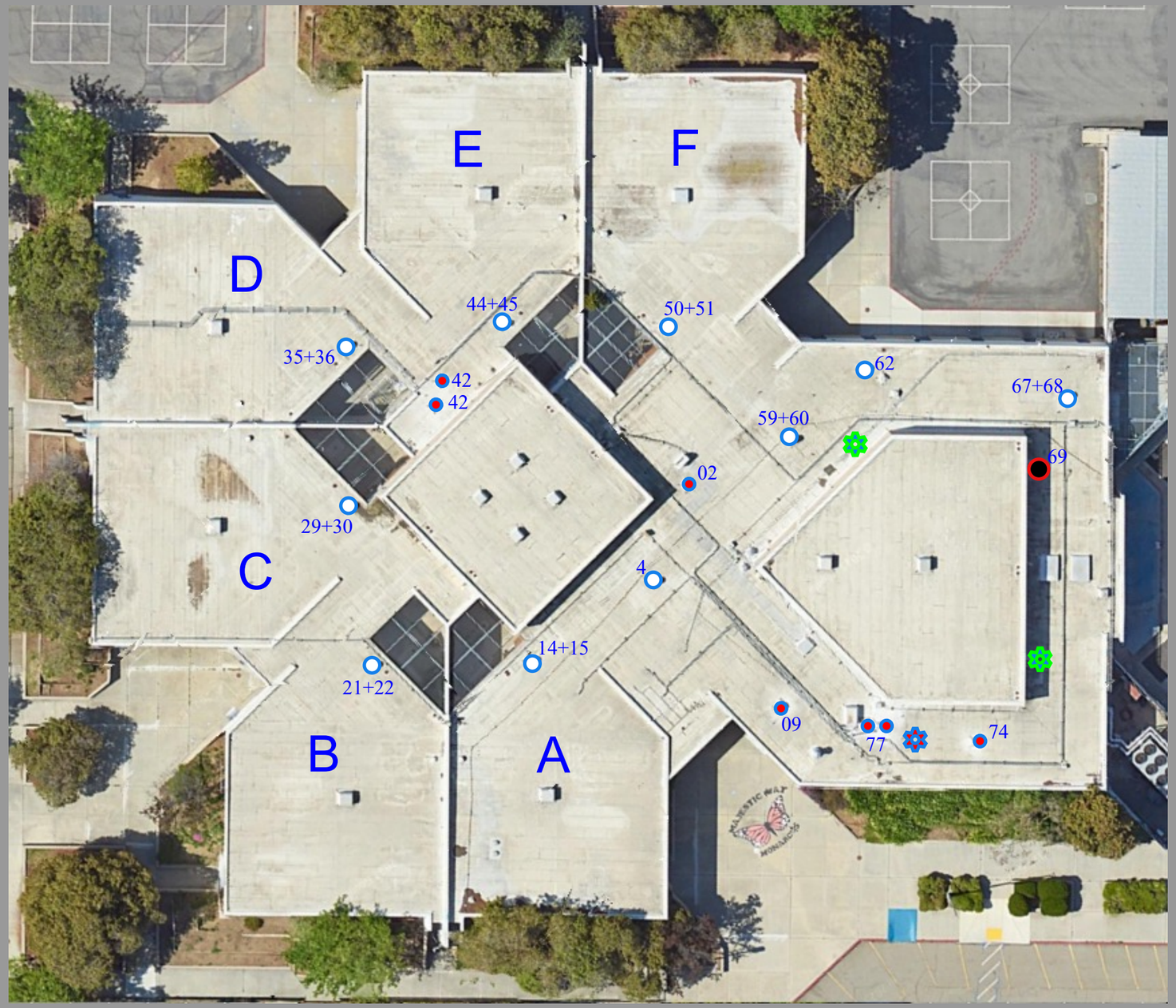
NO CEILING FANS AT THIS SCHOOL

(1) REPLACE CEILING VENT/GRILL

REPLACES PAGE 329 OF PROJECT MANUAL

FAN REPLACEMENTS: BROOKTREE SCHOOL

BUSD FACILITIES DEPARTMENT + FLATLEY DESIGN PLANNING MANAGEMENT



SCOPE OF WORK AT ROOF

62 — REPLACE EXHAUST FAN. SEE PHOTOS
EF REPLACEMENT MODEL: GREENHECK G-98-VG.
NUMBER INDICATES ROOM IT SERVES. SEE FLOOR PLAN SHEET.

74 — REPLACE ROOF FAN. REPLACEMENT MODEL FLAIRE DDAR 12 OR EQUAL. NUMBER INDICATES ROOM IT SERVES.

69 — REPLACE ROOF FAN. REPLACEMENT MODEL TBD. SIMILAR IN SPEC. TO GREENHECK G-98-VG. OR EQUAL. NUMBER INDICATES ROOM IT SERVES.

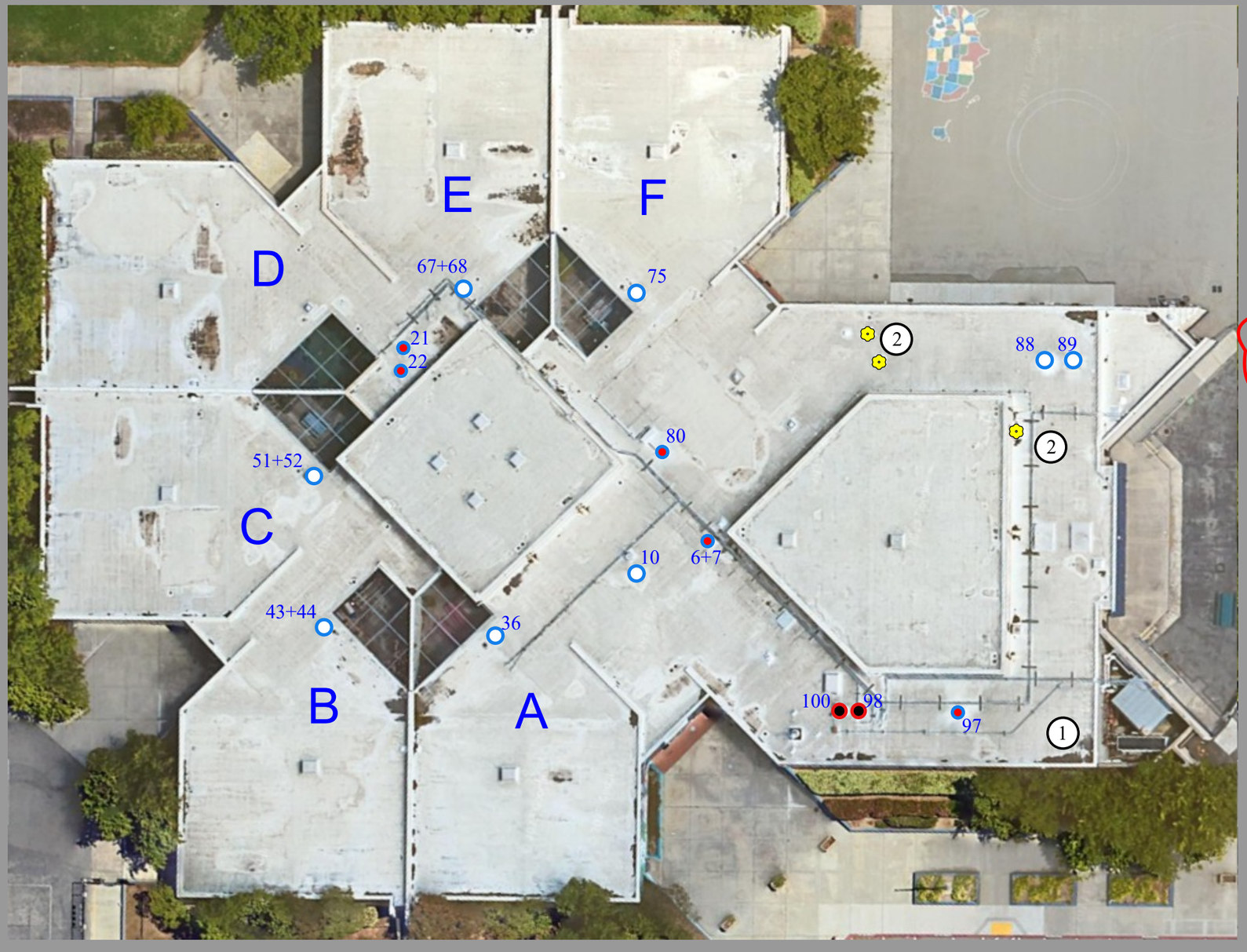
MAKE MINOR REPAIRS TO CONDUITS, JUNCTION BOXES. SEE PHOTOS.

REPLACE CAP TO (E) ROOF FAN OR VENT. SEE PHOTOS.

REPLACES PAGE 334 OF PROJECT MANUAL

FAN REPLACEMENTS: MAJESTIC SCHOOL

BUSD FACILITIES DEPARTMENT + FLATLEY DESIGN PLANNING MANAGEMENT



SCOPE OF WORK AT ROOF

62 — REPLACE EXHAUST FAN. SEE PHOTOS
EF REPLACEMENT MODEL: GREENHECK G-98-VG.
NUMBER INDICATES ROOM IT SERVES. SEE FLOOR PLAN SHEET.

74 — REPLACE ROOF FAN. REPLACEMENT MODEL FloAire DDAR 12 OR EQUAL. NUMBER INDICATES ROOM IT SERVES.

69 — REPLACE ROOF FAN. REPLACEMENT MODEL TBD. SIMILAR IN SPEC. TO GREENHECK G-98-VG. OR EQUAL. NUMBER INDICATES ROOM IT SERVES.

(1) — CLEAR DEBRIS, MINOR REPAIRS. SEE PHOTOS.

(2) — REPLACE VENT CAP. SEE PHOTOS.

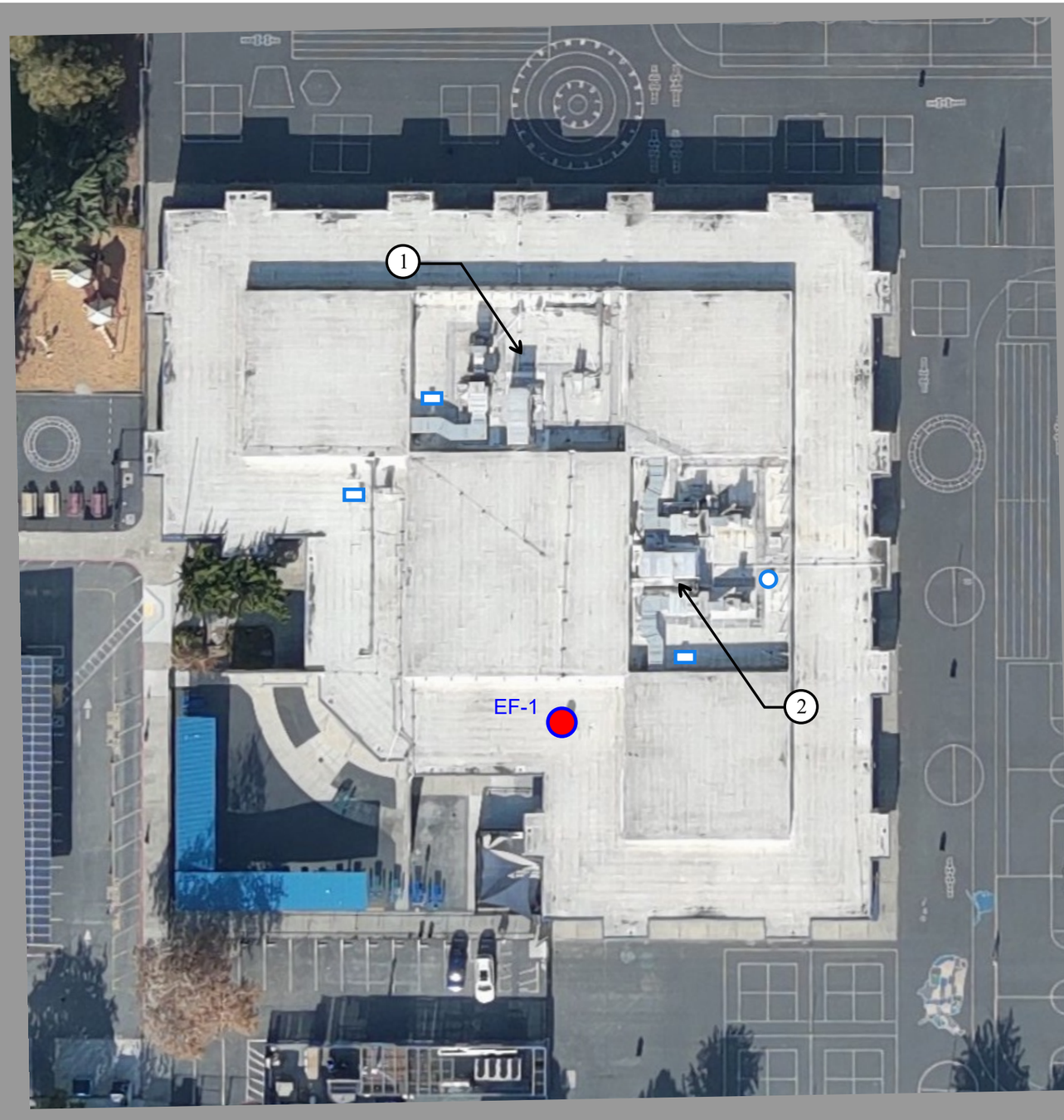
REPLACES PAGE 340 OF PROJECT MANUAL

FAN REPLACEMENTS: SUMMERDALE SCHOOL

BUSD FACILITIES DEPARTMENT

+

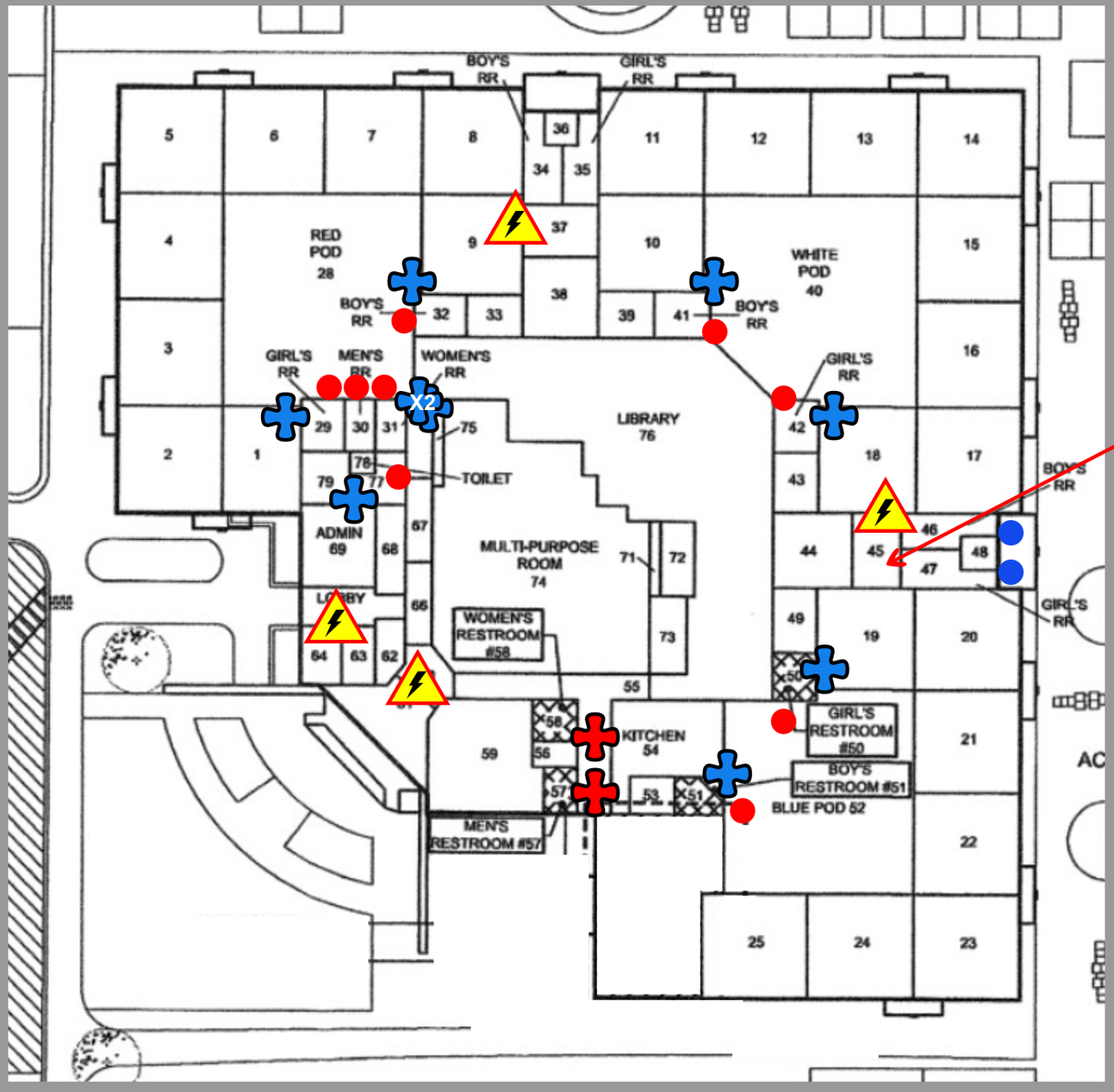
FLATLEY DESIGN PLANNING MANAGEMENT



SCOPE OF WORK AT ROOF

- REPLACE EXHAUST FAN. SEE PHOTOS
  EF REPLACEMENT MODEL: GREENHECK G-98-VG
  OR EQUAL.
- CLEAN AIR VENT. REMOVE HORNET NESTS.
- EF-1 — REPLACE ROOF FAN. REPLACEMENT MODEL TBD. SIMILAR IN SPEC. TO GREENHECK G-98-VG. OR EQUAL.
- (1) MISC, MINOR REPAIRS TO CONDUITS, ETC.
- (2) REMOVE DEBRIS ON ROOF. SEE PHOTOS.

REPLACES PAGE 348 OF PROJECT MANUAL



ELECTRICAL PANEL LOCATIONS
CEILING FANS AND DOOR LOUVERS

ELECTRICAL PANEL LOCATIONS: ROOMS 37, 45, 63, 62
SEE PAGE ON ELECTRICAL PANEL INFO

STORAGE ROOM 45.
ROOF ACCESS

REPLACE CEILING FANS AT ROOMS: 29, 30, 31, 32, 33, 41, 42, 50, 51, 57, 58, 76 (NURSE). GREENHECK SP-AP 0511W OR EQUAL.

REPLACE SHARED CEILING FAN IN CEILING PLENUM. MATCH FAN SPECIFICATION.

THE FOLLOWING INTERIOR DOORS TO RECEIVE NEW DOOR LOUVERS: 29, 30, 31, 32, 33, 41, 42, 50, 51, 76 (NURSE). SEE DETAILS FOR LOUVER.

THE FOLLOWING EXTERIOR DOORS TO RECEIVE NEW DOOR LOUVERS: 46, 47. SEE DETAILS FOR LOUVER.

REPLACES PAGE 349 OF PROJECT MANUAL

FAN REPLACEMENTS: VINCI PARK ELEMENTARY SCHOOL

BUSD FACILITIES DEPARTMENT + FLATLEY DESIGN PLANNING MANAGEMENT