



QUATTROCCHI KWOK  
ARCHITECTS

# FREEDOM HIGH SCHOOL AUXILIARY GYM

## Bid Clarification 01

May 10<sup>th</sup>, 2021

DSA File Number: 7-H4  
DSA Application Number: 01-119278  
PTN: 61721-78

**Owner:**  
Liberty Union High School District  
20 Oak Street  
Brentwood, CA 94513

**Architect:**  
Quattrocchi Kwok Architects  
636 Fifth Street  
Santa Rosa, California 95404  
P: 707.576.0829  
F: 707.576.0295

**Architect's Project No.:** 1869.00

### To: Prospective Bidders

The following changes, modifications and additions to Project Manual and Drawings described below are made a part thereof and are subject to all of the requirements thereof as if originally specified.

The Bidder must acknowledge receipt of the Bid Clarification in the space provided on the Bid Form; failure to do so may subject the Bidder to disqualification.



Date: 05/10/2021

**Table of Contents - Bid Clarification 01**

This Bid Clarification consists of 3 pages and the attachments as listed below dated May 10<sup>th</sup>, 2021.

Deleted Text is shown in ~~strikeout type~~.

Added Text is shown in ***bold italicized type***.

**ATTACHMENTS:**

**Project Manual**

Bid Clarification 01      Bid Form

**Drawings: (24 inch by 36 inch)**

BC 01    G-0.3 SHEET INDEX  
BC 01    G-0.5 SITE ACCESS PLAN  
BC 01    G-0.7 OVERALL SITE PLAN  
BC 01    C-1.0 EXISTING CONDITIONS/DEMOLITION  
BC 01    C-3.0 UTILITY PLAN  
BC 01    M-M7.4 MECHANICAL DETAILS  
BC 01    E-0.2 LUMINAIRE SCHEDULE  
BC 01    E-1.1 SITE PLAN – ELECTRICAL  
BC 01    E1.2 SITE PLAN – PATH OF TRAVEL  
BC 01    FP-6.2 – DETAILS – FIRE PROTECTION

**BC Drawings** (8.5 inch by 11 inch & 11 inch by 17 inch):

None

**Project Record**

Bidders Conference Sign-In

Pre-Bid Conference Agenda

**End of Table of Contents**

**A. CHANGES TO PREVIOUS BID CLARIFICATIONS**

None

**B. CHANGES TO THE BIDDING AND CONTRACT REQUIREMENTS**

**Item No. 1. 01**

The BID FORM denoted BID CLARIFICATION 01 supersedes and replaces previously published document.

**C. CHANGES/ ADDITIONS TO THE SPECIFICATIONS**

None

**D. CHANGES/ ADDITIONS TO THE DRAWINGS**

**Item No. 1. 02**

The following drawings dated May 5th denoted **Bid Clarification 01** supersede and replace previous drawings with the same titles:

BC 01	G-0.3 SHEET INDEX
BC 01	G-0.5 SITE ACCESS PLAN
BC 01	G-0.7 OVERALL SITE PLAN
BC 01	C-1.0 EXISTING CONDITIONS/DEMOLITION
BC 01	C-3.0 UTILITY PLAN
BC 01	M-M7.4 MECHANICAL DETAILS
BC 01	E-0.2 LUMINAIRE SCHEDULE
BC 01	E-1.1 SITE PLAN – ELECTRICAL
BC 01	E1.2 SITE PLAN – PATH OF TRAVEL
BC 01	FP-6.2 – DETAILS – FIRE PROTECTION

**E. BIDDERS QUESTIONS**

**Item No. 1. 03**

Q: On page 17 of the Designation of subcontractors it states bidders may submit the phone numbers & email's of listed subs within 24 hours to the District. What's the email address of the District rep that the bidders should submit this to?

A Anthony D'Amante email: anthony.d'amante@lathropconstruction.com

**Item No. 1. 04**

Q: Page 2 in the Notice Inviting bds section state that there are no bid alternates. Since there are no alternates what should bidders write on line #4 of the bid form since that is specifically designated for alternate No. 1 price?

A See Changes to Bidding and Contract Requirements.

**END OF BID CLARIFICATION**

**Bid Clarification #1**

**BID FORM**

FOR

**Freedom High School – Auxiliary Gym  
1050 NEROLY ROAD, OAKLEY, CA 94561**

**Project No. 1869.00**

**Bid No. U2120F**

FOR

LIBERTY UNION HIGH SCHOOL DISTRICT

CONTRACTOR  
NAME:

\_\_\_\_\_

ADDRESS:

\_\_\_\_\_

\_\_\_\_\_

TELEPHONE:

(       ) \_\_\_\_\_

FAX:

(       ) \_\_\_\_\_

EMAIL

\_\_\_\_\_

TO: Liberty Union High School District, acting by and through its Governing Board, herein called "District".

1. Pursuant to and in compliance with your Notice Inviting Bids and other documents relating thereto, the undersigned bidder, having familiarized himself with the terms of the Contract, the local conditions affecting the performance of the Contract, the cost of the work at the place where the work is to be done, with the Drawings and Specifications, and other Contract Documents, hereby proposes and agrees to perform within the time stipulated, the Contract, including all of its component parts, and everything required to be performed, including its acceptance by the District, and to provide and furnish any and all labor, materials, tools, expendable equipment, and utility and transportation services necessary to perform the Contract and complete all of the Work in a workmanlike manner required in connection with the construction of:

**FREEDOM HIGH SCHOOL NEW AUXILIARY GYMNASIUM (as described below):**

Project consists of a new type V-B single story auxiliary gymnasium with 5 rows of bleachers, classroom, storage, toilet rooms and related support spaces and related site work. Selective site demolition necessary for the construction of new building including associated civil, architectural, structural, plumbing, mechanical and/or electrical work as indicated in the Drawings and Specifications. Generally these categories of work involve new finishes, HVAC, plumbing, electrical and low voltage systems. The Project will involve construction on an active construction site and barricading of work areas will be required to separate construction areas from occupied spaces and as needed to accommodate the Owner's schedule and use of the site.

**For the:**

**FREEDOM HIGH SCHOOL NEW AUXILIARY GYMNASIUM**

BID NO. U2120F

Freedom High School New Auxiliary Gymnasium.

in the District described above, all in strict conformance with the drawings and other Contract Documents on file at the Facilities Office of said District for amounts set forth herein.

2. BIDDER ACKNOWLEDGES THE FOLLOWING BID CLARIFICATION & ADDENDUM:

B/C Number	ADD Number						
_____	_____	_____	_____	_____	_____	_____	_____

Acknowledge the inclusion of all addenda issued prior to bid in the blanks provided above. Your failure to do so may render your bid non-responsive.

3. TOTAL CASH PURCHASE PRICE IN WORDS & NUMBERS:

\_\_\_\_\_ DOLLARS  
(\$ \_\_\_\_\_)

4. ALTERNATE BIDS: None

5. TIME FOR COMPLETION: The District may give a notice to proceed within ninety (90) days of the award of the bid by the District. Once the Contractor has received the notice to proceed, the Contractor shall complete the work in the time specified in the Agreement. By submitting this bid, Contractor has thoroughly studied this Project and agrees that the Contract Time for this Project is adequate for the timely and proper completion of the Project. Further, Contractor has included in the analysis of the time required for this Project, Rain Days, Governmental Delays, and the requisite time to complete Punch List.

In the event that the District desires to postpone giving the notice to proceed beyond this ninety (90) day period, it is expressly understood that with reasonable notice to the Contractor, giving the notice to proceed may be postponed by the District. It is further expressly understood by the Contractor, that the Contractor shall not be entitled to any claim of additional compensation as a result of the postponement of giving the notice to proceed.

If the Contractor believes that a postponement will cause a hardship to it, the Contractor may terminate the contract with written notice to the District within ten (10) days after receipt by the Contractor of the District's notice of postponement. Should the Contractor terminate the Contract as a result of a notice of postponement, the District shall have the authority to award the Contract to the next lowest responsible bidder, if applicable.

It is understood that the District reserves the right to reject any or all bids and/or waive any irregularities or informalities in this bid or in the bid process. The Contractor understands that it may not withdraw this bid for a period of ninety (90) days after the date set for the opening of bids.

6. Attached is bid security in the amount of not less than ten percent (10%) of the bid:

Bid bond (10% of the Bid), certified check, or cashier's check (circle one)

7. The required List of Designated Subcontractors is attached hereto.

8. The required Non-Collusion Declaration is attached hereto.

9. The Substitution Request Form, if applicable, is attached hereto.

10. It is understood and agreed that if written notice of the acceptance of this bid is mailed, telegraphed, or delivered to the undersigned after the opening of the bid, and within the time this bid is required to remain open, or at any time thereafter before this bid is withdrawn, the undersigned will execute and deliver to the District a Contract in the form attached hereto in accordance with the bid as accepted, and that he or she will also furnish and deliver to the District the Performance Bond and Payment Bond, all within five (5) calendar days after award of Contract, and that the work under the Contract shall be commenced by the undersigned bidder, if awarded the Contract, by the start date provided in the District's Notice to Proceed, and shall be completed by the Contractor in the time specified in the Contract Documents.

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

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

12. PROTEST PROCEDURES. If there is a bid protest, the grounds shall be submitted as set forth in the Instructions to Bidders.

13. The undersigned bidder shall be licensed and shall provide the following California Contractor's license information:

License Number: \_\_\_\_\_  
License Expiration Date: \_\_\_\_\_  
Name on License: \_\_\_\_\_  
Class of License: \_\_\_\_\_  
DIR Registration Number: \_\_\_\_\_

If the bidder is a joint venture, each member of the joint venture must include the above information.

14. Time is of the essence regarding this Contract, therefore, in the event the bidder to whom the Contract is awarded fails or refuses to post the required bonds and return executed copies of the Agreement form within five (5) calendar days from the date of receiving the Notice of Award, the District may declare the bidder's bid deposit or bond forfeited as damages.

15. The bidder declares that he/she has carefully examined the location of the proposed Project, that he/she has examined the Contract Documents, including the Plans, General Conditions, Supplemental Conditions, Addenda, and Specifications, all others documents and requirements that are attached to and/or contained in the Project Manual, all other documents issued to bidders and read the accompanying instructions to bidders, and hereby proposes and agrees, if this proposal is accepted, to furnish all materials and do all work required to complete the said work in accordance with the Contract Documents, in the time and manner therein prescribed for the unit cost and lump sum amounts set forth in this Bid Form.

16. DEBARMENT. In addition to seeking remedies for False Claims under Government Code section 12650 et seq. and Penal Code section 72, the District may debar a Contractor pursuant to Article 15 of the General Conditions if the Board, or the Board may designate a hearing officer who, in his or her discretion, finds the Contractor has done any of the following:

- a. Intentionally or with reckless disregard, violated any term of a contract with the District;
- b. Committed an act or omission which reflects on the Contractor's quality, fitness or capacity to perform work for the District;

c. Committed an act or offense which indicates a lack of business integrity or business honesty; or

d. Made or submitted a false claim against the District or any other public entity. (See Government Code section 12650, et seq., and Penal Code section 72)

17. DESIGNATION OF SUBCONTRACTORS. In compliance with the Subletting and Subcontracting Fair Practices Act (California Public Contract Code section 4100 et seq.) and any amendments thereof, each bidder shall list subcontractors on the District's form Subcontractor list. This subcontractor list shall be submitted with the bid and is a required form

I agree to receive service of notices at the e-mail address listed below.

I the below-indicated bidder, declare under penalty of perjury that the information provided and representations made in this bid are true and correct.

---

Proper Name of Company

---

Name of Bidder Representative

---

Street Address

---

City, State, and Zip

(       )  
\_\_\_\_\_  
Phone Number

(       )  
\_\_\_\_\_  
Fax Number

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E-Mail

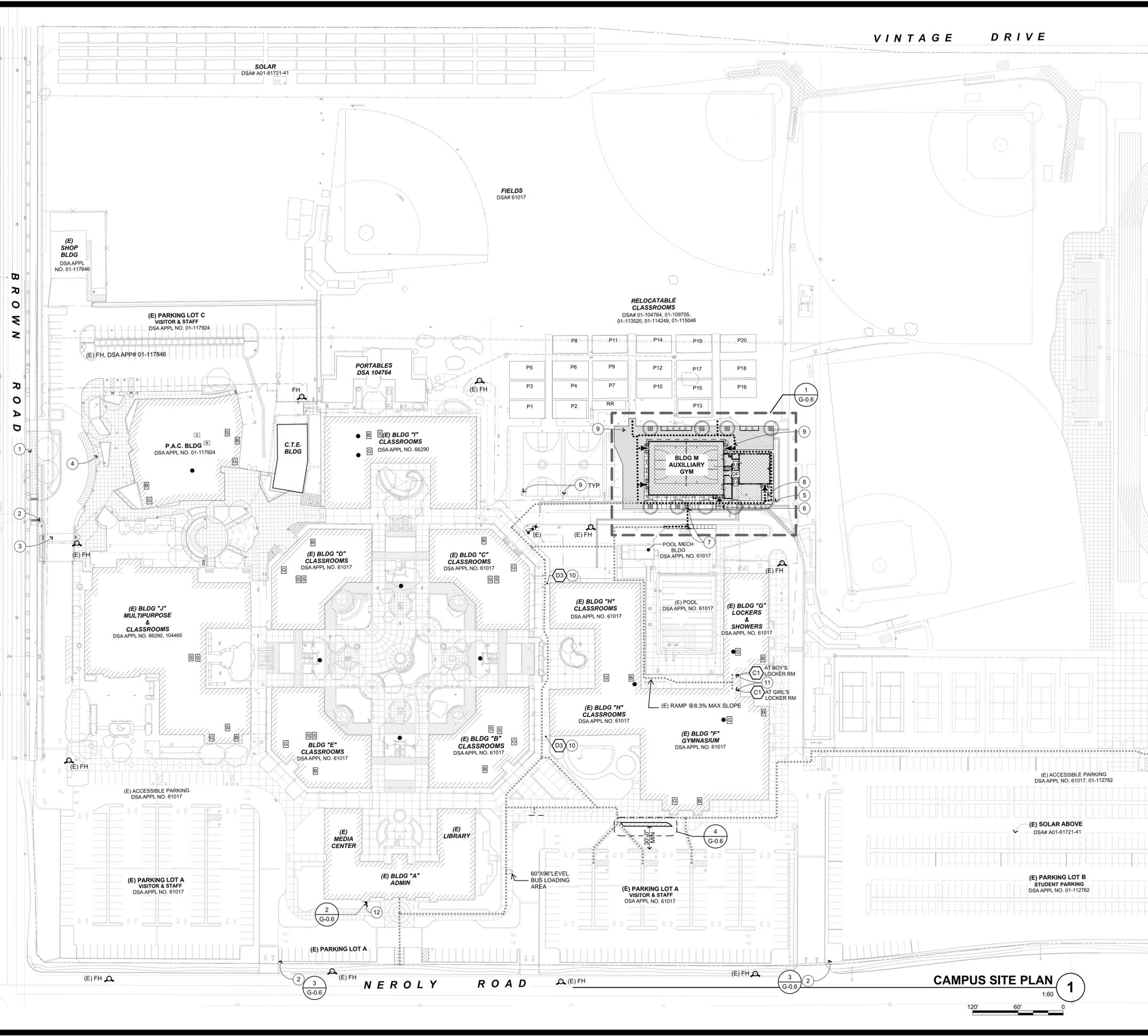
By: \_\_\_\_\_ Date: \_\_\_\_\_  
Signature of Bidder Representative

**NOTE:** If bidder is a corporation, the legal name of the corporation shall be set forth above together with the signature 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 signature shall be placed above.

All signatures must be made in permanent blue ink.



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- ### SITE KEYNOTES
- 1 (E) ACC CONC WALK
  - 2 (E) PARKING TOW-AWAY SIGN
  - 3 (E) ACCESS TO PUBLIC
  - 4 (E) PASSENGER DROP OFF & LOADING ZONE
  - 5 CIVIL ITEM, S.C.D.
  - 6 LANDSCAPE ITEM, S.L.D.
  - 7 ACC CURB CUT, S.C.D.
  - 8 ACC SLOPED WALK, S.C.D., S.L.D.
  - 9 ELECTRICAL ITEM, S.E.D.
  - 10 INSTALL SIGNAGE ON GATES TO STATE "GATE TO REMAIN OPEN DURING CAMPUS HOURS"; D3 SEE 4/AG2.1
  - 11 PROVIDE ROOM SIGNAGE C1, SEE 4/AG2.1
  - 12 CAMPUS ADDRESS SIGNAGE

- ### SITE ACCESS NOTES
1. IMPERVIOUS SURFACES WITHIN 10 FEET OF THE BUILDING FOUNDATION SHALL BE SLOPED NOT LESS THAN 2% AWAY FROM THE BUILDING. SUCH SURFACES SHALL BE PERMITTED TO SLOPE LESS THAN 2% WHERE THE SURFACE IS A DOOR LANDING OR REQUIRED RAMP.
  2. SEE THIS SHEET FOR ACCESSIBLE PATH OF TRAVEL INFORMATION
  3. SEE SHEET G-0.6 FOR CODE INFORMATION
  4. REFER TO CIVIL ENGINEERING DWGS FOR SIDEWALK GRADES
  5. REFER TO CIVIL ENGINEERING DRAWINGS AND LANDSCAPE PLANS FOR SITE FEATURES NOT OTHERWISE INDICATED.
- DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE STATEMENT:**  
 THE P.O.T. IDENTIFIED IN THESE CONSTRUCTION DOCUMENTS IS COMPLIANT WITH THE CURRENT APPLICABLE CALIFORNIA BUILDING CODE ACCESSIBILITY PROVISIONS FOR PATH OF TRAVEL REQUIREMENTS FOR ALTERATIONS, ADDITIONS AND STRUCTURAL REPAIRS, AS PART OF THE DESIGN OF THIS PROJECT THE P.O.T. WAS EXAMINED AND ANY ELEMENT, COMPONENTS OR PORTIONS OF THE P.O.T. THAT WERE DETERMINED TO BE NONCOMPLIANT  
 1) HAVE BEEN IDENTIFIED AND  
 2) THE CORRECTIVE WORK NECESSARY TO BRING THEM INTO COMPLIANCE HAS BEEN INCLUDED WITHIN THE SCOPE OF THIS PROJECT'S WORK THROUGH DETAILS, DRAWINGS AND SPECIFICATIONS INCORPORATED INTO THESE CONSTRUCTION DOCUMENTS.  
 ANY NONCOMPLIANT ELEMENT, COMPONENT, OR PORTION OF THE P.O.T. THAT WILL NOT BE CORRECTED BY THIS PROJECT BASED ON VALUATION THRESHOLD LIMITATIONS OR A FINDING OF UNREASONABLE HARDSHIP ARE SO INDICATED IN THESE CONSTRUCTION DOCUMENTS.  
 DURING CONSTRUCTION IF P.O.T. ITEMS WITHIN THE SCOPE OF THE PROJECT REPRESENTED AS CODE-COMPLIANT ARE FOUND TO BE NONCONFORMING BEYOND REASONABLE CONSTRUCTION TOLERANCES, THEY SHALL BE BROUGHT INTO COMPLIANCE WITH THE CBC AS A PART OF THIS PROJECT BY MEANS OF A CONSTRUCTION CHANGE DOCUMENT.

..... INDICATES ACCESSIBLE ROUTE

THE ACCESSIBLE ROUTE (PATH OF TRAVEL) INDICATED ON THE PLAN IS A BARRIER-FREE ACCESS ROUTE AND HAS BEEN PROVIDED IN ACCORDANCE WITH IR 11B-10 AND SHALL COMPLY WITH THE FOLLOWING:

- 1:20 MAXIMUM SLOPE WITHOUT A RAMP HANDRAIL
- 1:48 MAXIMUM CROSS SLOPE
- NO ABRUPT VERTICAL CHANGES EXCEEDING 1/4". CHANGES BETWEEN 1/4" TO 1/2" VERTICAL CAN BE AT 1:2 MAX SLOPE. CHANGES LESS THAN 1/4" CAN BE VERTICAL
- 48" MIN. CLEAR IN WIDTH (60" MIN PASSING SPACE EVERY 200 LINEAL FEET)
- NON-SLIP SURFACE - HEAVY BROOM FINISH AT EXTERIOR CONCRETE PAVING WHERE SLOPED >6%, MEDIUM BROOM FINISH AT SLOPES <6%
- MAINTAIN FREE OF OVERHANGING OBSTRUCTIONS TO 80" MIN
- PROTRUDING OBJECTS NOT GREATER THAN 4" SHALL BE MOUNTED BETWEEN 27" AND 80" A.F.F.
- WHERE A DRAIN INLET IS IN THE PATH OF TRAVEL, THE GRATE SHALL BE ORIENTED SO THAT MAX OPENING IS 1/2" & LONG DIM IS PERPENDICULAR TO THE PREDOMINANT DIRECTION OF PEDESTRIAN TRAVEL
- CONTRACTOR TO VERIFY THAT NO BELOW-GRADE PULL BOXES OCCUR WITHIN THE AREA OF TRUNCATED DOMES

PARKING AND PEDESTRIAN SITE SIGNAGE SHALL COMPLY WITH CBC SECTIONS 11B-502.6 & 11B-502.8 & 11B-703.7.2.1  
 BUILDING SIGNAGE SHALL COMPLY WITH CBC 11B-703  
 PEDESTRIAN GATES SHALL COMPLY WITH CBC 1010.2 & 11B-206.5

### ACCESS SITE PLAN LEGEND

	AC PAVEMENT, S.C.D.
	CONC PAVEMENT, S.C.D.; S.L.D.
	NEW BUILDING - BLDG M
	(E) BUILDING TO REMAIN, NO WORK
	BARRIER FREE PATH OF TRAVEL
	PROPERTY LINE (APPROX.)
	ACCESSIBLE ENTRY/ EXTERIOR DOOR AT P.O.T.
	(E) ACCESSIBLE DRINKING FOUNTAIN
	ACCESSIBLE UNISEX TOILET
	(E) RESTROOM - G:GIRLS; B:BOYS; S:STAFF
	ACCESSIBLE AND PROJECT SPECIFIC SIGNAGE

### PARKING COUNT

	OVERALL	ACC		REQUIRED	
		STALL	VAN STALL	STD	VAN
(E) PARKING LOT A VISITOR & STAFF DSA 61017	352	11	2	6	2
(E) PARKING LOT B STUDENT PARKING DSA 61017; A01-61721-41	397	8	2	6	2
(E) PARKING LOT C STUDENT DSA 10-117924	72	4	1	3	1

CBC 2019 TABLE 11B-208.2;  
 51-75 TOTAL SPACES = 3 REQ'D ACC SPACES  
 201-300 TOTAL SPACES = 7 REQ'D ACC SPACES  
 301-400 TOTAL SPACES = 8 REQ'D ACC SPACES  
 CBC 2019 SECTION 11B-208.2.4;  
 FOR EVERY 6 OR FRACTION OF 6 ACC PARKING SPACES REQUIRED, AT LEAST 1 SHALL BE A VAN ACCESSIBLE PARKING SPACE.

IDENTIFICATION STAMP  
 DIV. OF THE STATE ARCHITECT  
 APP: 01-119278 INC:  
 REVIEWED FOR  
 SS  FLS  ACS   
 DATE: 05/05/2021



Main:  
 636 Fifth Street, Santa Rosa, CA 95404  
 East Bay:  
 55 Harrison Street, Suite 525,  
 Oakland, CA. 94607  
 (707) 576-0829

LICENSED ARCHITECT  
 JIM THEISS  
 LICENSE # C22643  
 EXP JUNE 30, 2021  
 SIGNED: MAY 5, 2021

## FREEDOM HIGH SCHOOL

### NEW AUXILIARY GYMNASIUM

1050 NEROLY RD,  
 OAKLEY, CA 94561

### LIBERTY UNION HIGH SCHOOL DISTRICT

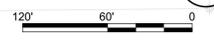
DSA APP NO. 01-119278  
 ARCH PROJECT NO. 1869.00  
 DRAWN BY: R/C  
 DRAWING SCALE: 1:60  
 PTN: 61721-78 FILE NO: 7-H4  
 CONSTRUCTION DOC.  
 MAY 5, 2021

## SITE ACCESS PLAN

SHEET NUMBER  
**BID CLARIFICATION 01**  
**G-0.5**

SEE OVERALL SITE PLAN G-07 FOR CONTINUATION G-0.7

CAMPUS SITE PLAN 1



IDENTIFICATION STAMP  
 DIV. OF THE STATE ARCHITECT  
 APP: 01-119278 INC:  
 REVIEWED FOR  
 SS  FLS  ACS   
 DATE: 05/05/2021



QUATTROCCHI KWOK  
 ARCHITECTS  
 Main:  
 636 Fifth Street, Santa Rosa, CA 95404  
 East Bay:  
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 Oakland, CA 94607  
 (707) 576-0929



**FREEDOM  
 HIGH SCHOOL**

**NEW AUXILIARY  
 GYMNASIUM**

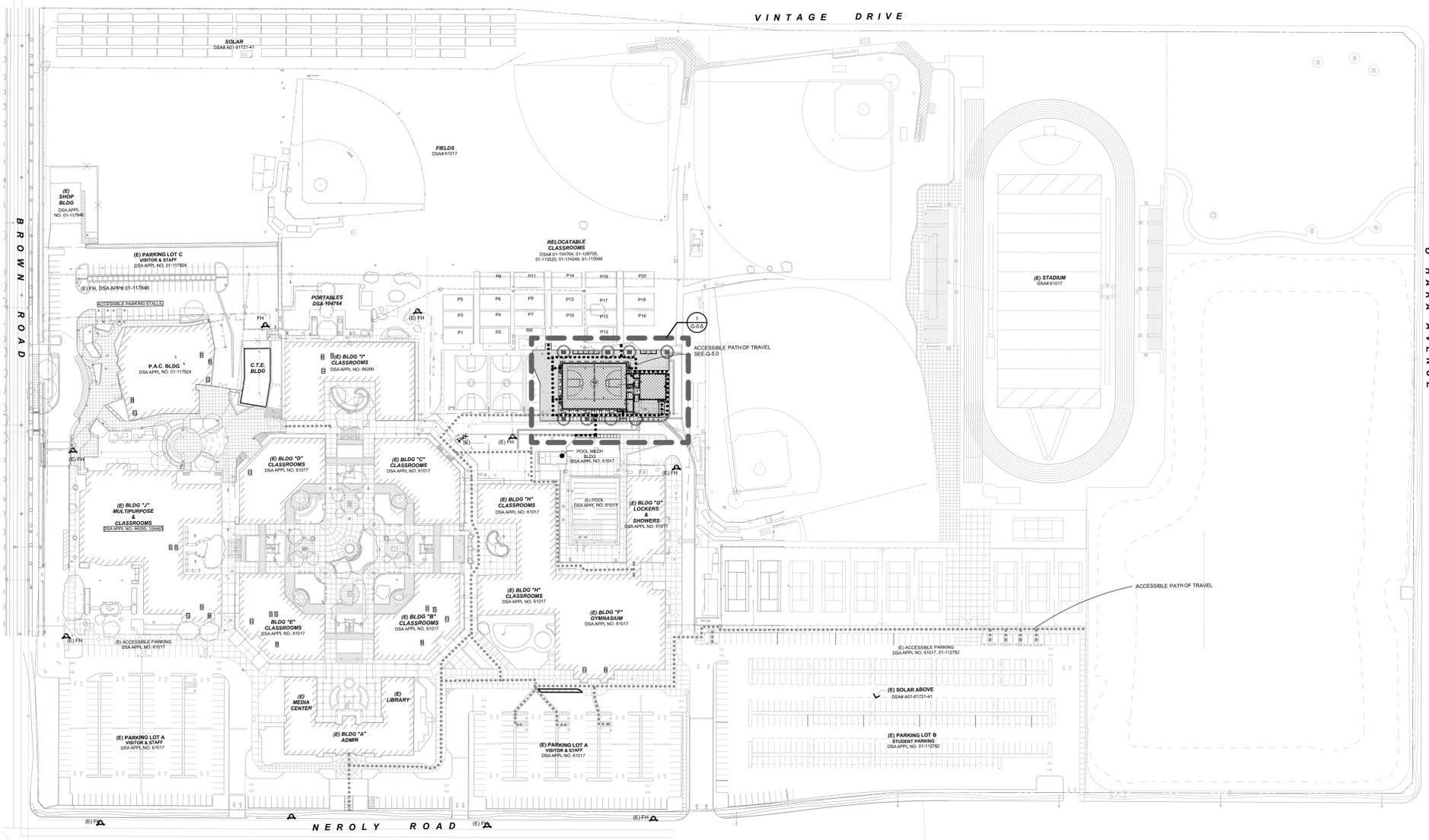
1050 NEROLY RD,  
 OAKLEY, CA 94561

LIBERTY UNION  
 HIGH SCHOOL  
 DISTRICT

DSA APP NO.	01-119278
ARCH PROJECT NO.	1869.00
DRAWN BY:	CH
DRAWING SCALE:	1" = 100'
PTN:	61721-78
FILE NO.:	7-H4
<b>CONSTRUCTION DOC.</b>	
MAY 5, 2021	
SHEET TITLE	

**OVERALL SITE  
 PLAN**

SHEET NUMBER  
**BID CLARIFICATION 01**  
**G-0.7**



**OVERALL SITE PLAN 1**

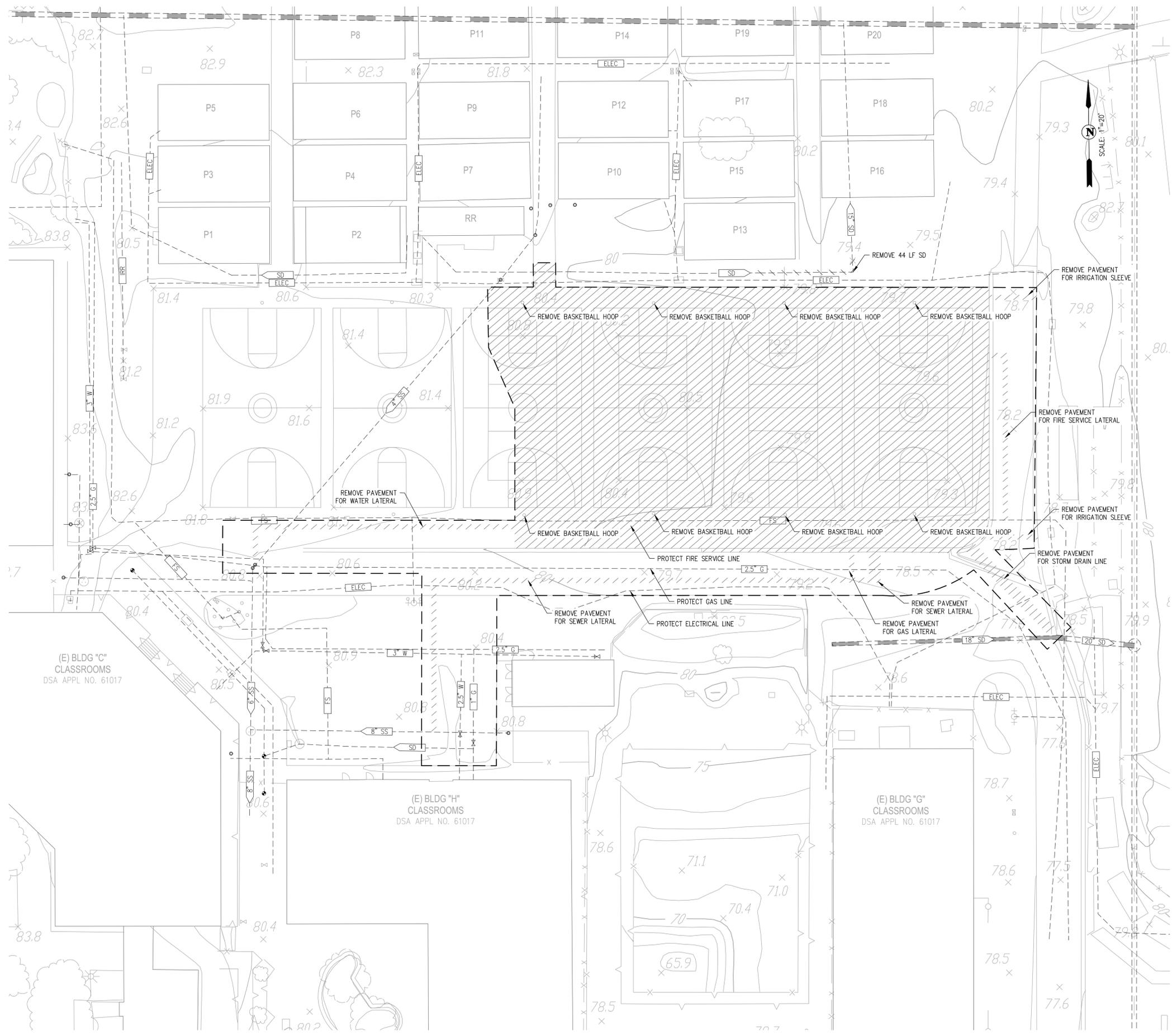
1" = 100'



..... EXISTING ACCESSIBLE PATH OF TRAVEL  
 ..... NEW ACCESSIBLE PATH OF TRAVEL



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**LEGEND**

- LIMIT OF WORK
- [Hatched Box] REMOVE CONCRETE
- [Diagonal Lines Box] REMOVE AC
- 6" SS --- EXISTING SANITARY SEWER
- 18" SD --- EXISTING STORM DRAIN
- 12" W --- EXISTING WATER
- 6" IRR --- EXISTING IRRIGATION LINE
- COMM --- EXISTING COMMUNICATION LINE
- ELEC --- EXISTING ELECTRICAL LINE
- EXISTING INLET
- EXISTING MANHOLE
- EXISTING SSCO

- NOTES:
1. SAWCUT CONCRETE ON NEAREST SCORE LINE.
  2. PRIOR TO DEMOLITION OF IRRIGATION LINES, PROVIDE AND INSTALL IRRIGATION TO SUPPORT EXISTING TURF AND LANDSCAPING TO REMAIN. SEE LANDSCAPE DRAWINGS (IRRIGATION PLAN).

IDENTIFICATION STAMP  
 DIV. OF THE STATE ARCHITECT  
 APP: 01-119278 INC:  
 REVIEWED FOR  
 SS  FLS  ACS   
 DATE: 05/05/2021



**QUATTROCCHI KWOK ARCHITECTS**  
 Main:  
 636 Fifth Street, Santa Rosa, CA 95404  
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 55 Harrison Street, Suite 525,  
 Oakland, CA 94607  
 (707) 576-0829

**cbg** SAN RAMON (925) 866-0322  
 ROSEVILLE (916) 788-4456  
 www.cbginc.com  
 CIVIL ENGINEERS • SURVEYORS • PLANNERS



**FREEDOM HIGH SCHOOL**

**NEW AUXILIARY GYMNASIUM**

1050 NEROLY RD,  
 OAKLEY, CA 94561

LIBERTY UNION HIGH SCHOOL DISTRICT

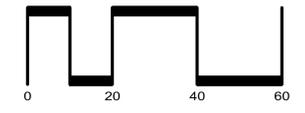
REVISIONS

NO.	DESCRIPTION

DSA APP NO. 01-119278  
 ARCH PROJECT NO. 1869.00  
 DRAWN BY:  
 DRAWING SCALE:  
 PTN: 61721-78 FILE NO: 7-H4  
**CONSTRUCTION DOC.**  
 MAY 5, 2021  
 SHEET TITLE

**EXISTING CONDITIONS / DEMOLITION**

SHEET NUMBER  
**BID CLARIFICATION 01**  
**C-1.0**



STORM DRAIN PIPE SCHEDULE	
STRUCTURE	DESCRIPTION
4" PERFORATED PIPE	264 LF PVC
12" PIPE	79 LF HDPE
15" PIPE	55 LF HDPE

STORM DRAIN STRUCTURE SCHEDULE	
STRUCTURE	DESCRIPTION
BUBBLE UP (2 TOTAL)	NDS POP-UP DRAINAGE EMITTER
FIELD INLET (4 TOTAL)	OLDCASTLE PRECAST CB1818

SANITARY SEWER PIPE SCHEDULE	
STRUCTURE	DESCRIPTION
4" PIPE	299 LF, PVC SDR 35

SANITARY SEWER STRUCTURE SCHEDULE	
STRUCTURE	DESCRIPTION
SSCO (3 TOTAL)	PER CITY OF BRENTWOOD STANDARD SS-1

WATER PIPE SCHEDULE	
STRUCTURE	DESCRIPTION
2" PIPE	295 LF PVC
6" PIPE	166 LF PVC

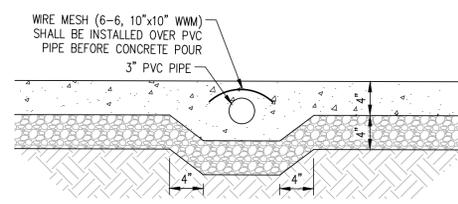
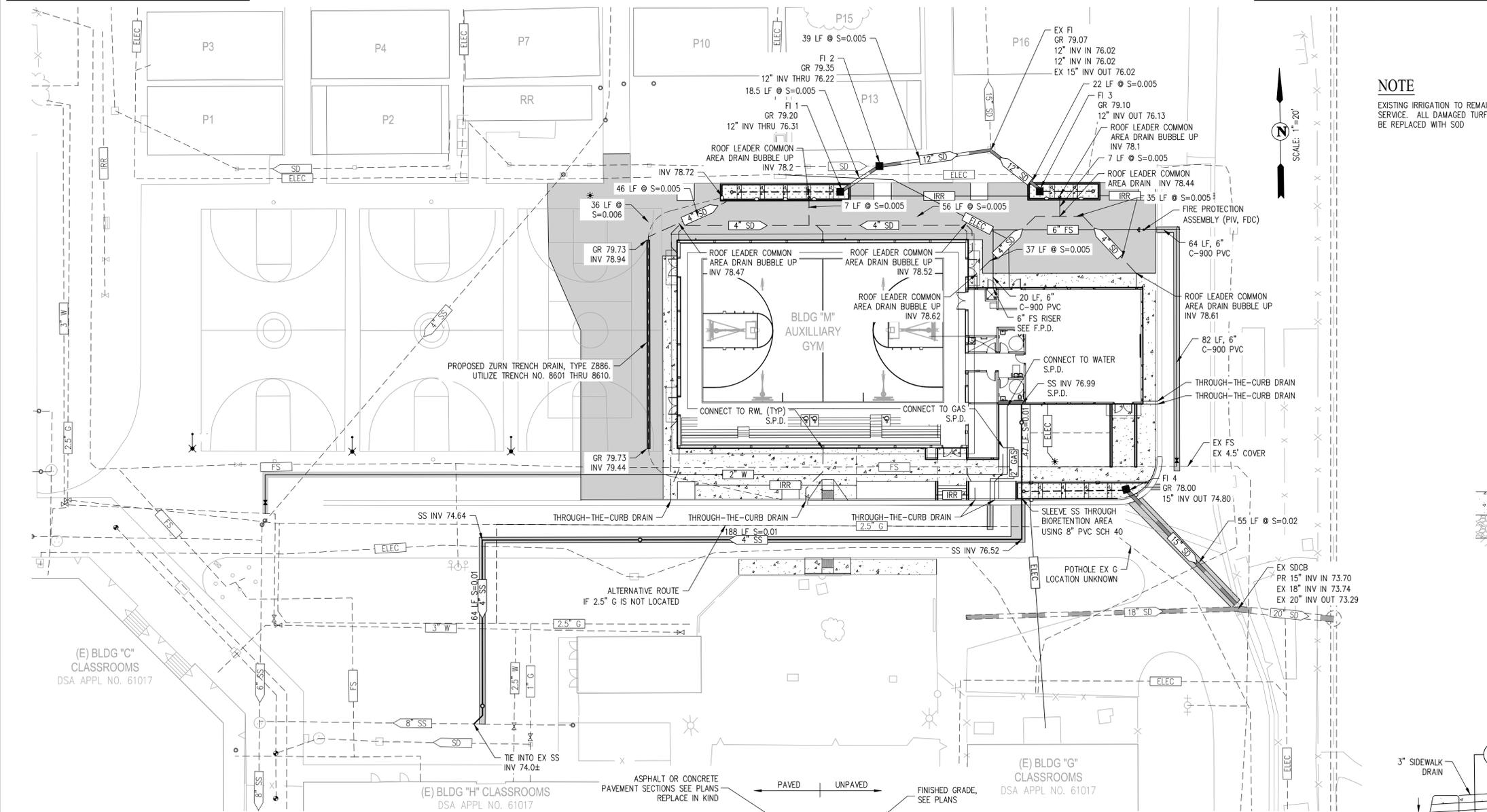
WATER STRUCTURE SCHEDULE	
STRUCTURE	DESCRIPTION
GATE VALVE (1 TOTAL)	6" MUELLER GATE VALVE #A-2360
PVI (1 TOTAL)	MUELLER A-20801 PER CITY OF BRENTWOOD STANDARDS W-4
FIRE DEPT. CONNECTION (1 TOTAL)	CROKER 6545 4-WAY FDC

**LEGEND**

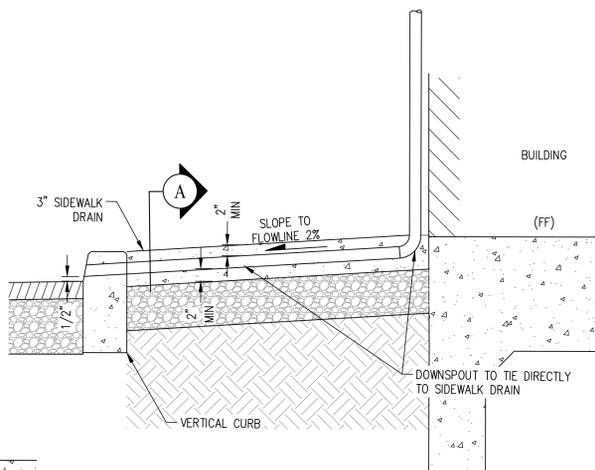
- AC PAVEMENT
- CONCRETE SIDEWALK/GUTTER
- BIO-RETENTION AREA
- PROPOSED STORM DRAIN
- PROPOSED PERFORATED STORM DRAIN
- PROPOSED SEWER LATERAL
- PROPOSED WATER LATERAL
- PROPOSED FIRE SERVICE
- IRRIGATION SLEEVE - SEE LANDSCAPE PLANS
- RAIN WATER LEADER / COMMON AREA DRAIN
- PROPOSED TRUST BLOCK - SEE SHEET C-2.1
- PIV
- FDC
- PROPOSED MANHOLE
- PROPOSED CATCH BASIN
- BUBBLE UP (SEE DETAIL ON SHEET C-4.0)
- PROPOSED SD OR SS CLEANOUT
- PROPOSED CURB CUT
- PROPOSED STREET LIGHT, SEE ELECTRICAL PLANS
- EXISTING SEWER
- EXISTING STORM DRAIN
- EXISTING WATER
- EXISTING IRRIGATION
- EXISTING FIELD INLET
- EXISTING MANHOLE

**NOTE**

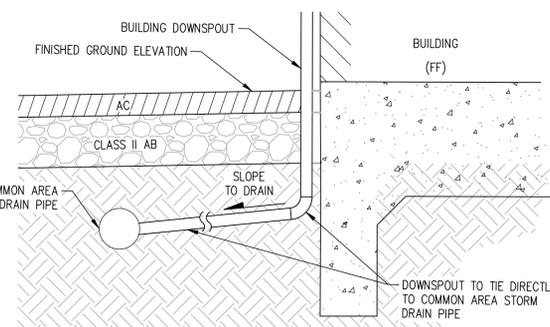
EXISTING IRRIGATION TO REMAIN IN SERVICE. ALL DAMAGED TURF TO BE REPLACED WITH SOD



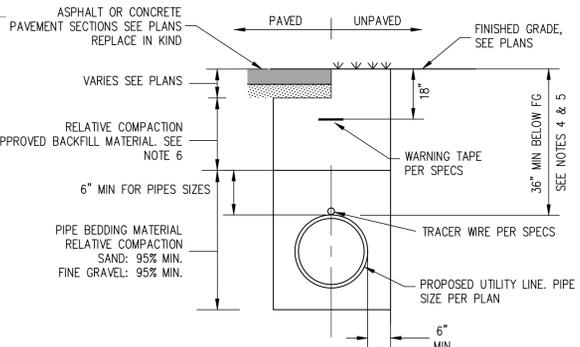
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NOT TO SCALE



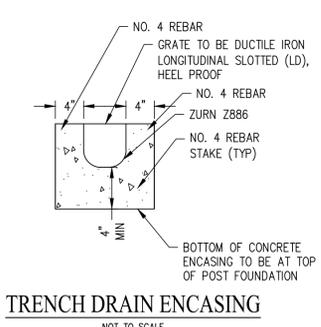
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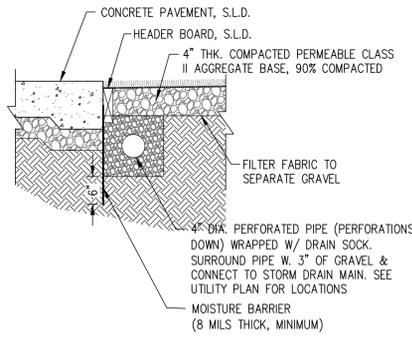
DOWNSPOUT TO COMMON AREA CONNECTION DETAIL  
NOT TO SCALE



FIRE WATER TRENCH DETAIL  
NOT TO SCALE



TRENCH DRAIN ENCASING  
NOT TO SCALE



SYNTHETIC TURF  
NOT TO SCALE

- NOTES:**
- BEDDING SHOULD EXTEND A MINIMUM D/4 (D=OUTSIDE PIPE DIAMETER) BELOW BOTTOM OF PIPE.
  - SEE PROJECT SPECIFICATIONS FOR FURTHER UTILITY TRENCH REQUIREMENTS.
  - WHERE TRENCHES EXCEED 5' DEEP, CONTRACTOR TO CONFORM TO CURRENT OSHA REQUIREMENTS FOR SHORING, SLOPING, AND WORKING SAFELY.
  - COVER FOR PAVED AREAS IS DEFINED FROM TOP OF PIPE TO BOTTOM OF AGGREGATE BASE.
  - COVER FOR UNPAVED AREAS IS DEFINED FROM TOP OF PIPE TO TOP OF FINISHED SURFACE.
  - THE RELATIVE COMPACTION FOR APPROVED NATIVE MATERIAL, IMPORTED FILL, AND CALTRANS CLASS II AGGREGATE BASE SHALL BE AS FOLLOW:  
PAVED AREAS: 95% MINIMUM  
NON-PAVED AREAS: 90% MINIMUM

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REGISTERED PROFESSIONAL ENGINEER  
JASON D. YOGAN  
59299  
STATE OF CALIFORNIA  
CIVIL

**FREEDOM HIGH SCHOOL**

**NEW AUXILIARY GYMNASIUM**

1050 NEROLY RD,  
OAKLEY, CA 94561

**LIBERTY UNION HIGH SCHOOL DISTRICT**

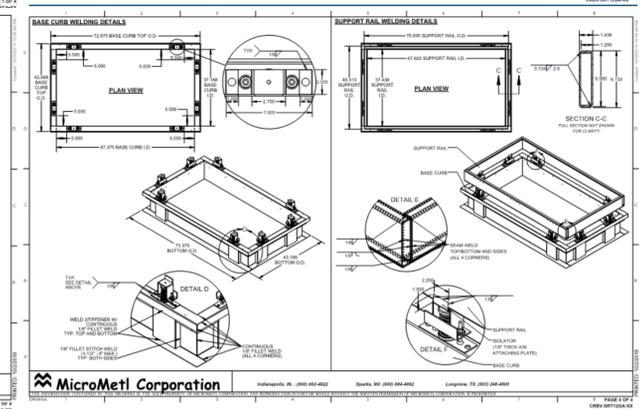
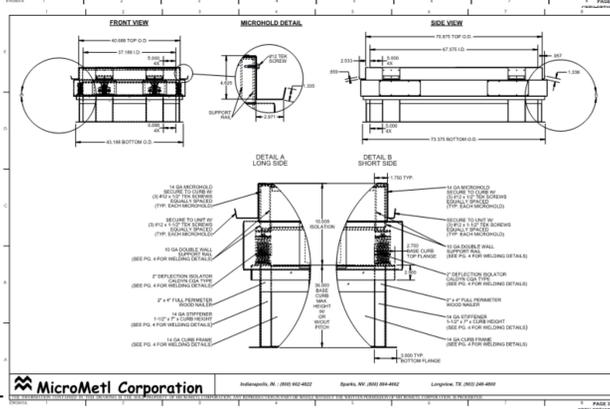
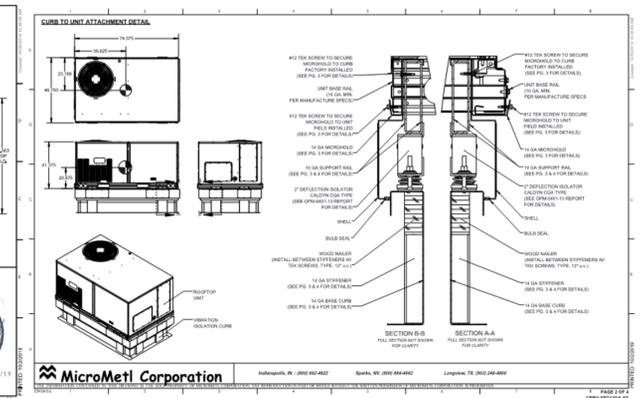
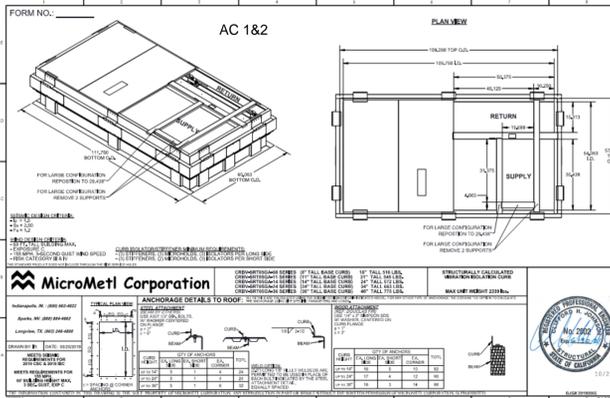
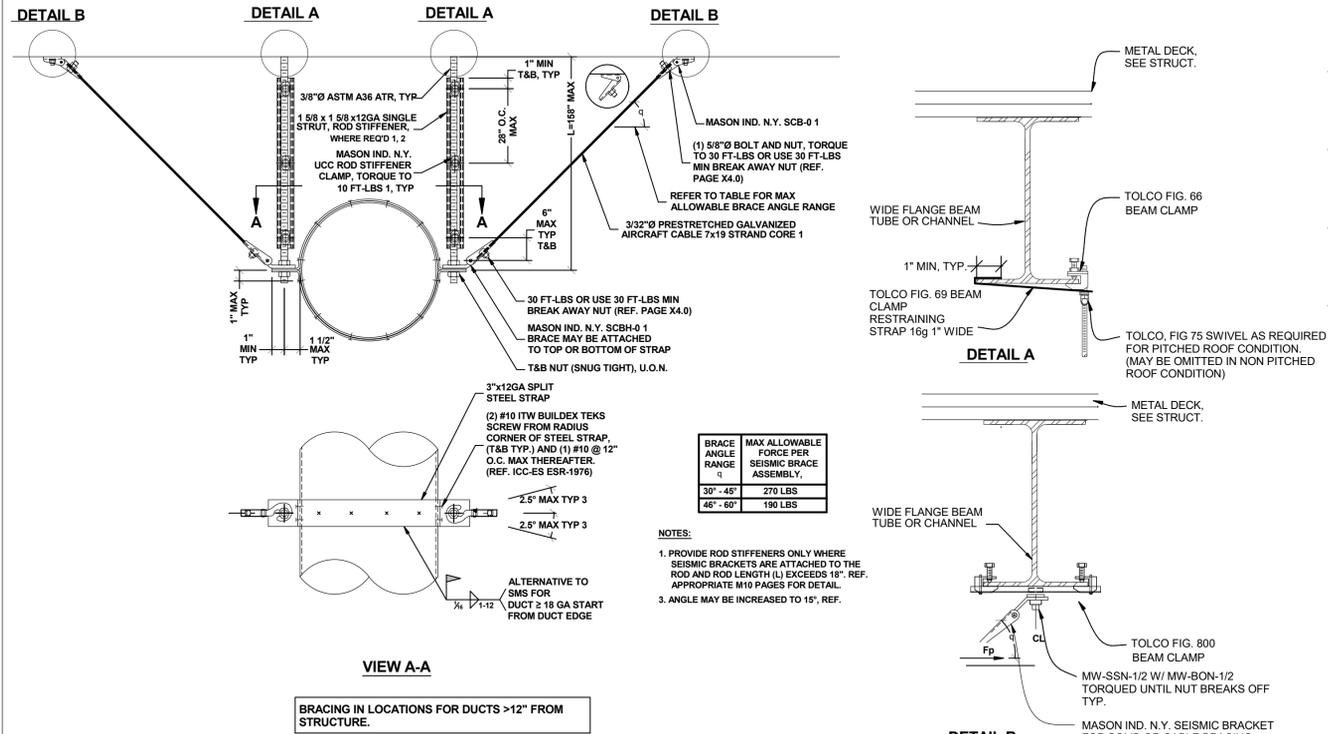
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NO.	DESCRIPTION

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MAY 5, 2021  
SHEET TITLE

**UTILITY PLAN**

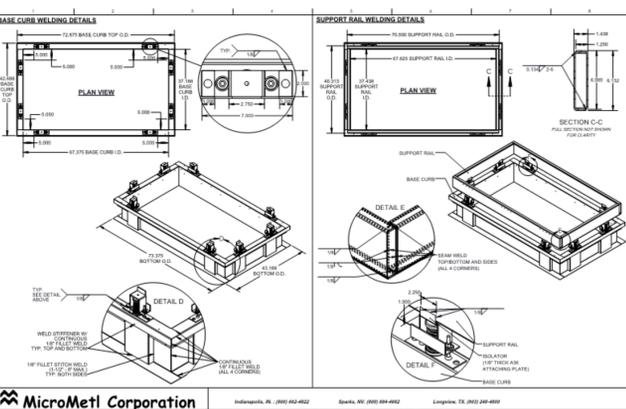
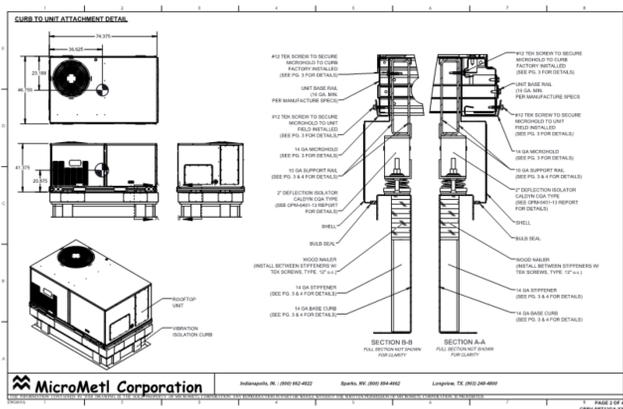
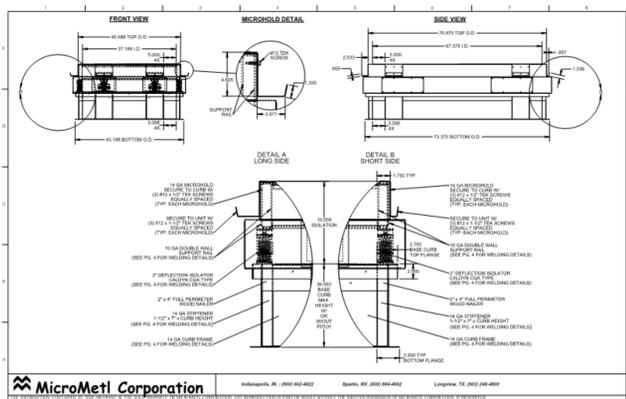
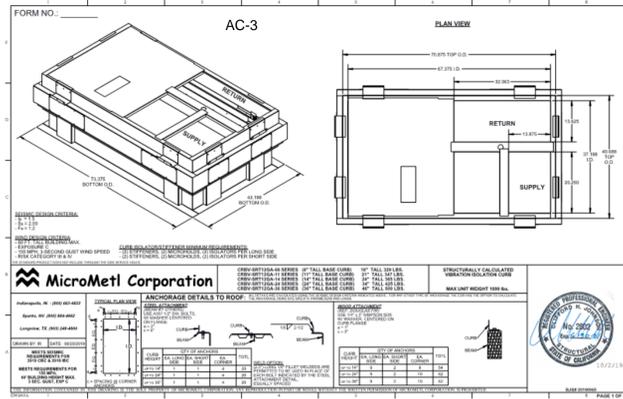
SHEET NUMBER  
**BID CLARIFICATION 01**  
**C-3.0**



**A ROUND SUPPORT DUCT @ GYM**

SCALE: NONE

**B AC-1&2**



**C AC-3**

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SIGNED: OCTOBER 30, 2020



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MAY 5, 2021

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**MECHANICAL DETAILS**

SHEET NUMBER

**BID CLARIFICATION 01**

**M-M7.4**

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### LUMINAIRE SCHEDULE

TYPE	MOUNTING	DESCRIPTION	MANUFACTURER CATALOG #	LIGHT SOURCE	POWER SUPPLY	VOLTS	INPUT WATTS
BC1	SURFACE WALL MOUNTED	DECORATIVE EXTERIOR DOWNLIGHT WALL SCONCE SIMILAR TO TYPE BA1 ABOVE, BUT WITH LARGER HOUSING, HIGHER OUTPUT, IES TYPE II DISTRIBUTION PATTERN WITH FULL CUTOFF, INTEGRAL ELECTRONIC DRIVER, PREMIUM FINISH AS SELECTED BY THE ARCHITECT, UL WET LOCATION.	AAL #CY2-45-3K8-1-2-120-(FINISH)-T-FPP	LED 3000K CRI 4100LM	80+ INTEGRAL ELECTRONIC LED DRIVER	UNIV.	50
BC2	SURFACE WALL MOUNTED	SAME AS BC1, EXCEPT REDUCED OUTPUT, 'DIFFUSED' TYPE III DISTRIBUTION PATTERN.	AAL #CY2-25-3K8-1-3D-120-(FINISH)-T-FPP	LED 3000K CRI 4100LM	80+ INTEGRAL ELECTRONIC LED DRIVER	UNIV.	25
BC3	SURFACE WALL MOUNTED	SAME AS BC1, EXCEPT REDUCED OUTPUT, TYPE III DISTRIBUTION PATTERN.	AAL #CY2-25-3K8-1-2-120-(FINISH)-T-FPP	LED 3000K CRI 4100LM	80+ INTEGRAL ELECTRONIC LED DRIVER	UNIV.	25
BD1	SITE POST TOP	POST TOP AREA LUMINAIRE, TYPE V COMFORT OPTICS, MOUNTED ON STRAIGHT ROUND STEEL POLE	GARDCO PPT-140L-650-WW-G2-T3-3-UNV POLE: SRS-14-3	LED 3000K CRI 3014LM	70 INTEGRAL ELECTRONIC LED DRIVER	UNIV.	30
BD2	SITE POST TOP	SAME AS BD1 EXCEPT TYPE III DISTRIBUTION PATTERN	GARDCO PPT-140L-650-WW-G2-T3-3-UNV POLE: SRS-14-3	LED 3000K CRI 3014LM	70 INTEGRAL ELECTRONIC LED DRIVER	UNIV.	30
BE1	SITE AREA	LOW PROFILE POLE MOUNTED AREA LUMINAIRE; ONE PIECE DIE CASE ALUMINUM HOUSING TYPE II, MOUNTED ON STRAIGHT ROUND STEEL POLE 22 LBS	GARDCO ECF-S-32L-365-WW-G2-A R-2-UNV-RPA-(FINISH) POLE: SRS-16-3-D1-(FINISH)	LED 3000K CRI 5508LM	70 INTEGRAL ELECTRONIC LED DRIVER	UNIV.	40
BE2	SITE AREA	SAME AS BE1 EXCEPT TYPE IV DISTRIBUTIONS PATTERN 22 LBS	GARDCO ECF-S-32L-365-WW-G2-A R-4-UNV-RPA-(FINISH) POLE: SRS-16-3-D1-(FINISH)	LED 3000K CRI 5637LM	70 INTEGRAL ELECTRONIC LED DRIVER	UNIV.	40
EX1	SURFACE WALL	SINGLE-FACE EDGELIT LED EXIT SIGN FIXTURE, WITH GREEN STENCIL LETTERS, DIECAST ALUMINUM HOUSING, UNIVERSAL CANOPY FOR BACK/END OR TOP MOUNTING, ARROWS AS INDICATED ON THE PLANS. FINISH TO BE DETERMINED BY THE ARCHITECT. WEIGHT	EVENLIGHT #RZR3-AC-G-1-BA-1B-RS*	GREEN LED	INTEGRAL ELECTRONIC LED POWER SUPPLY	UNIV.	2

### LUMINAIRE SCHEDULE

TYPE	MOUNTING	DESCRIPTION	MANUFACTURER CATALOG #	LIGHT SOURCE	POWER SUPPLY	VOLTS	INPUT WATTS
AA1	PENDANT SUSPENDED	PENDANT MOUNTED LED HIGH BAY LUMINAIRE, WITH NOM. 20" DIA x 5"H BOROSCILLICATE GLASS, MEDIUM-SPREAD, PRISMATIC REFRACTOR / REFLECTOR, DIECAST ALUMINUM DRIVER HOUSING W/STANDARD FINISH AS SELECTED BY THE ARCHITECT, CUSTOM LENGTH, 5-WIRE, POWER/CONTROL S.O. TYPE FEED CORD, CONTRACTOR-PROVIDED BRAIDED S.S. AIRCRAFT SAFETY CABLE, IN LIEU OF FACTORY-STANDARD SAFETY CHAIN, ANTI-ROTATIONAL SAFETY HOOK, WIREGUARD, INTEGRAL ELECTRONIC DIMMING DRIVER, STANDARD FINISH AS SELECTED BY THE ARCHITECT, WIRE GUARD OPTION; SEISMIC BRACING PROVIDED AT UNITS NOT FREE TO SWAY 45 DEG. IN ALL DIRECTIONS WITHOUT OBSTRUCTION (INCLUDING ADJACENT SWAYING UNITS); CONTRACTOR-SUPPLIED & INSTALLED R.S.C. STEM, OUTLET BOX, & MISC. HARDWARE SHALL BE FIELD PAINTED AS DIRECTED BY THE ARCHITECT.	ACUITY BRANDS / HOLOPHANE: #PHG-15L-35K80CRI-AS-(FINISH)-MGG-PF129-CW5/6-WG-C6*	LED 3500K 80 CRI 13,416 LM	INTEGRAL ELECTRONIC LED DIMMING DRIVER 0-10V, 100%-10%	UNIV.	113
AA2	PENDANT SUSPENDED	SAME AS 'AA1', EXCEPT NARROW BEAM PATTERN GLASS REFLECTOR & REFRACTOR OPTICS.	ACUITY BRANDS / HOLOPHANE: #PHG 15L-35K80CRI-AS-(FINISH)-NGG-PF129-CW5/6-WG-C6*	LED 3500K 80 CRI 13,416 LM	INTEGRAL ELECTRONIC LED DIMMING DRIVER 0-10V, 100%-10%	UNIV.	113
AA3	PENDANT SUSPENDED	SAME AS 'AA1', EXCEPT REDUCED OUTPUT AND WATTAGE.	ACUITY BRANDS / HOLOPHANE: #PHG 9L-35K80CRI-AS-(FINISH)-MGG-PF129-CW5/6-WG-C6*	LED 3500K 80 CRI 8,590 LM	INTEGRAL ELECTRONIC LED DIMMING DRIVER 0-10V, 100%-10%	UNIV.	71
AB1	S.S. AIRCRAFT CABLE SUSPENDED	SUSPENDED LINEAR LED DIRECT/INDIRECT LUMINAIRE ASSEMBLY, WITH NOM. 2"W x 4"H x 32'L EXTRUDED ALUMINUM HOUSING, 'BOOSTED' DOWN / 'HIGH UP' OUTPUTS, STANDARD FLAT ACRYLIC DOWNLIGHT DIFFUSER, WIDE-SPREAD UPLIGHT OPTICS, INTEGRAL ELECTRONIC DIMMING DRIVERS, 2-CIRCUIT CONFIGURATION - WITH SEPARATE HOT/NEUTRAL & CONTROL CONDUCTOR(S) DROP CORD PROVIDED FOR ALL DOWNLIGHT DIODES IN (1) 4FT LONG END SECTION; ALL REMAINING UP & DOWN DIODES CONNECTED TO SECOND (SEP. NEUTRAL) CIRCUIT FEED DROP CORD; STANDARD FINISH AS SELECTED BY THE ARCHITECT.	FINELITE #HP2P-P-ID-32'-H/B-835-W SO-BG-96L.G-(VOLTAGE)-DC-FC/10%-FA50-C1(VERI FY)-SW-EM/GEN	LED 3500K 90+ CRI 1207LM/FT	0-10V, 100%-10% DIMMING	UNIV.	11.5W/FT
AB2	S.S. AIRCRAFT CABLE SUSPENDED	SAME AS 'AB1', EXCEPT MULTI-CIRCUIT CONTROL PROVISIONS: (3) NORMAL POWER CONTROL GROUPS; (2) - AUTO-DAYLIGHT DIMMED UP & DOWN SECTIONS AS SHOWN, (1) FOR MANUAL DIMMED UPLIGHT ONLY @ 4FT EMERGENCY SECTION INDICATED), AND: (1) - EMERGENCY INVERTER POWERED 4FT DOWNLIGHT DIODE SECTION INDICATED, NORMALLY MANUALLY DIMMED WITH ALL OTHER SECTIONS / AUTO 'FULL-ON' UPON FAILURE OF UTILITY POWER VIA UL924 CONTROL MODULE. SEE PLANS FOR EXACT CONFIGURATION OF CONTROL ZONES REQUIRED.	FINELITE #HP2P-P-ID-32'-H/B-835-W SO-BG-96L.G-(VOLTAGE)-MC/4-FC/10%-FA50-C1(VERI FY)-SW-EM/GEN	LED 3500K 90+ CRI 1207LM/FT	0-10V, 100%-10% DIMMING	UNIV.	11.5W/FT
AC1	SURFACE WALL MOUNTED OVER MIRRORS	8'L x 3'H x 3" D LINEAR LED OVER-MIRROR UNIT, WITH EXTRUDED ALUMINUM HOUSING, DECORATIVE ENDCAPS, INTEGRAL ELECTRONIC DIMMING DRIVER, DECORATIVE JUNCTION BOX COVERPLATE, RAL FINISH AS SELECTED BY THE ARCHITECT.	PRIMUS #ALX1-RLR-LED-H-35-SM/JBP-AEB-C-8'	LED 3500K CRI 1220LM/FT	85 0-10V, 100%-10% DIMMING	UNIV.	11.5W/FT
AD1	SURFACE MOUNTED	2" H x 2 3/4" W x 8" L LED 'STRIPLIGHT', WITH 22 GAUGE DIE FORMED C.R.S. HOUSING W/ WHITE POLYESTER POWDER COAT PAINTED AFTER FABRICATION FINISH, ROUNDED HIGH STRENGTH DR ACRYLIC 'WRAP-AROUND' DIFFUSER, INTEGRAL NON-DIMMING ELECTRONIC DRIVER.	WILLIAMS #75R-8-L130-835-WG-75-R A-75	LED 3500K CRI 13000LM	80+ INTEGRAL ELECTRONIC LED DIMMING DRIVER 0-10V, 100%-10%	120	88
AD2	SURFACE MOUNTED	SAME AS AD1, EXCEPT 4' L, MOUNTED IN CONTINUOUS ROW WITH 4' AD1 UNIT.	WILLIAMS #75R-4-L65-835-WG-75-R A-75	LED 3500K 80+ CRI 6500 LM	INTEGRAL ELECTRONIC LED DIMMING DRIVER 0-10V, 100%-10%	120	42
AF1	SURFACE MOUNTED	DECORATIVE CEILING MOUNTED LED 'DRUM' DOWNLIGHT, WITH PRESSED WHITE GLASS DIFFUSER, DIE-CAST ALUMINUM HOUSING AND TRIM. PAINTED GR-94 METALLIC HOUSING AND TRIM, 15.82" DIAMETER 3.62" DEEP, FINISH: STANDARD TEXTURED WHITE	PERFORMANCE in LIGHTING #71434	LED 3500K CRI 2740LM	80+ INTEGRAL ELECTRONIC LED DIMMING DRIVER 0-10V, 100%-10%	120	40
AG1	RECESSED	2' L x 2' W x 2" D RECESSED LED TROFFER DOWNLIGHT UNIT WITH ANGLED EDGELIT ACRYLIC DIFFUSING PANELS, DECORATIVE CENTER JOINER BAND, INTEGRAL ELECTRONIC DIMMING DRIVER.	COLUMBIA #VSY22-35-MLHE-G-ED-U	LED 3500K CRI 3280LM	80+ INTEGRAL ELECTRONIC LED DIMMING DRIVER 0-10V, 100%-10%	UNIV.	24
BA1	SURFACE WALL MOUNTED	DECORATIVE EXTERIOR DOWNLIGHT WALL SCONCE WITH FORMED ALUMINUM BODY AND DECORATIVE 'TRIANGULAR WEDGE' SHROUD, IES TYPE III DISTRIBUTION PATTERN WITH FULL CUTOFF, INTEGRAL ELECTRONIC DRIVER, PREMIUM FINISH AS SELECTED BY THE ARCHITECT, UL WET LOCATION LISTED.	AAL #CY1-25-3K8-1-3D-120-(FINISH)-T-FPP	LED 3000K CRI 2200LM	80+ INTEGRAL ELECTRONIC LED DRIVER	UNIV.	25
BB1	CEILING RECESSED	RECESSED LED WALL-WASH UNIT WITH FORMED ALUMINUM HOUSING, 6"DIA CLEAR ALZAK ALUMINUM REFLECTOR, ANGLED PRISMATIC GLASS SPREAD LENS, INTEGRAL ELECTRONIC DIMMING DRIVER, MODIFIED FOR EXTRA THICK EXTERIOR SOFFIT, UL WET LOCATION LISTED.	KIRLIN #LRR-06425-2500L-120-30K-99 (DEEP TRIM FOR THICK SOFFIT)	LED 3000K CRI 2780LM	80+ INTEGRAL ELECTRONIC LED DIMMING DRIVER 0-10V, 100%-10%	120	35

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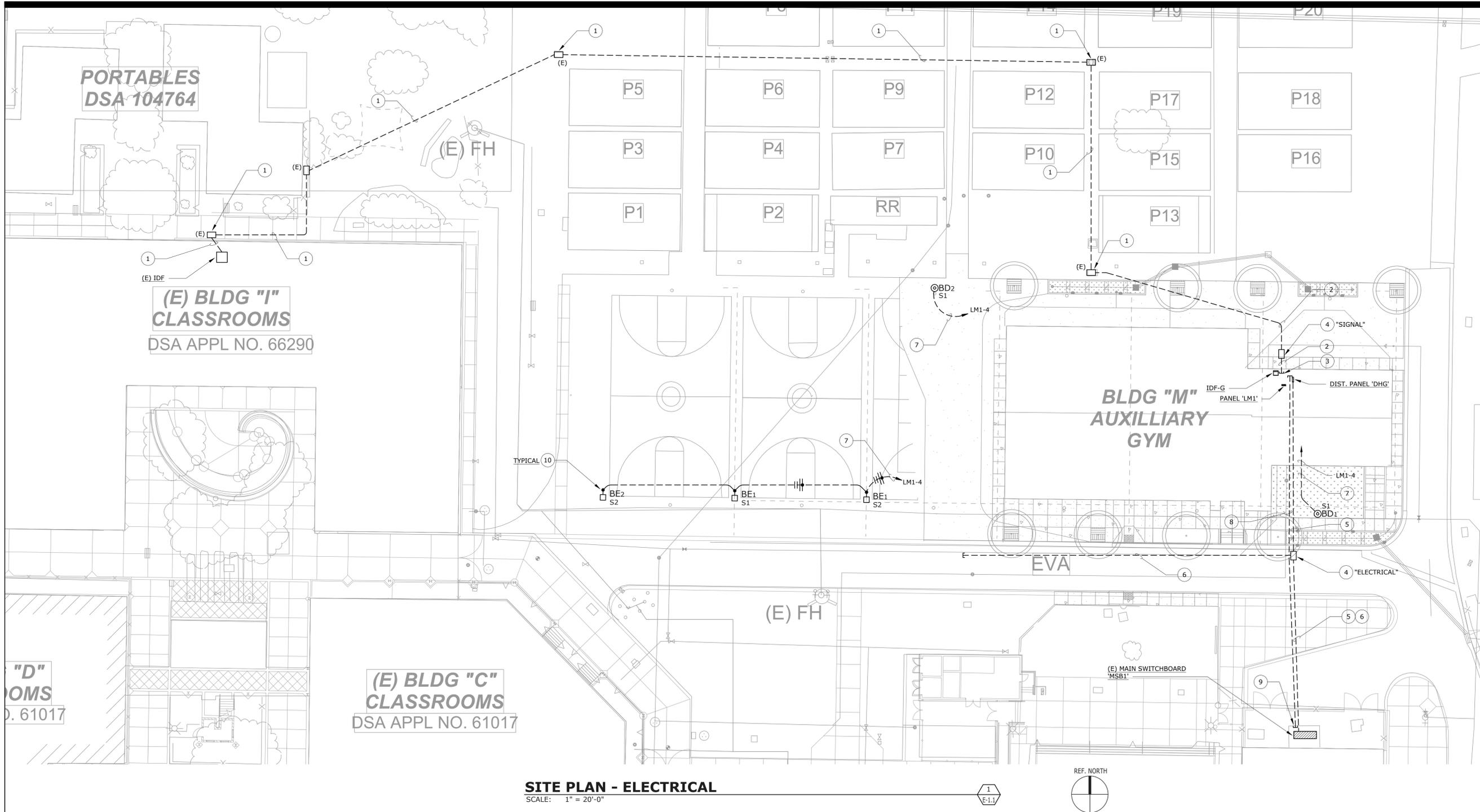
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**LUMINAIRE SCHEDULE**  
SHEET NUMBER  
**BID CLARIFICATION 01**  
**E-0.2**



**SITE PLAN - ELECTRICAL**  
SCALE: 1" = 20'-0"

**NUMBERED SHEET NOTES**

- 7 ROUTE ALL EXTERIOR LIGHTING CIRCUITS HOME VIA BMS-CONTROLLED RELAY CONTRACTS LOCATED IN ELECTRIC ROOM. RELAY CONTRACTS AND BYPASS SWITCHES TO BE PROVIDED BY DIVISION 23. TYPICAL ALL EXTERIOR BUILDING-MOUNTED AND POLE-MOUNTED LUMINAIRES. SEE DETAIL 5/E-5.3.
- 8 PROVIDE AND INSTALL 2" UNDERGROUND SCHEDULE 40 PVC RACEWAY ONLY FOR FUTURE PV SYSTEM CONNECTION TO (E) MSB. STUB UP IN ELEC 109, DIRECTLY UNDER LOCATION RESERVED FOR FUTURE PV SYSTEM DISCONNECT SWITCH. SEE E-3.1.
- 9 STUB, CAP AND MARK RACEWAY FOR FUTURE PV SYSTEM IN FRONT OF (E) MSB, AT THE END OF THE DISTRIBUTION SECTION THAT IS THE FURTHEST DISTANCE FROM WHERE THE (E) MSB BUS RECEIVES ITS SUPPLY. SEE E-5.1 AND 9/E-7.1.
- 10 FIELD LOCATE AND IDENTIFY ALL (E) UNDERGROUND UTILITIES IN THIS AREA. INSTALL POLE MOUNTED LUMINAIRES AS FAR SOUTH AS POSSIBLE WHILE MAINTAINING A MINIMUM DISTANCE OF 4' FROM THE (E) UNDERGROUND UTILITIES. SEE 5/E-7.2.

**NUMBERED SHEET NOTES**

- 1 ROUTE (N) SIGNAL CABLING IN AVAILABLE (E) PULLBOXES AND UNDERGROUND RACEWAY. INCLUDE SUFFICIENT LABOR IN BID TO INVESTIGATE THE (E) CONDUIT ROUTE FROM (E) IDF TO (N) AUXILIARY GYM IDF-G. SEE E-5.2 FOR CABLE QUANTITIES AND TYPES.
- 2 PROVIDE AND INSTALL UNDERGROUND SCHEDULE 40 PVC RACEWAY AS FOLLOWS:  
(1) 4" C. - FIBER OPTIC (TELECOM, CLOCK/SPEAKER) - SEE 2/E-5.2.  
(1) 2" C. - SPARE - STUB CONDUIT AT BACKBOARD.
- 3 STUB RACEWAY INTO ELEC 109, ADJACENT TO IDF-G.
- 4 PROVIDE AND INSTALL FLUSH, IN-GRADE PULLBOX, CHRISTY (OR EQUAL), WITH COVER LABELED AS NOTED ON PLAN. PULLBOX SHALL BE "TRAFFIC RATED" REINFORCED CONCRETE WITH STEEL FRAME AND STEEL COVER. SIZE PULLBOX PER NEC. SEE 2/E-7.2.
- 5 PROVIDE AND INSTALL UNDERGROUND SCHEDULE 40 PVC RACEWAY. SEE E-5.1 FOR CONDUIT AND CONDUCTOR SIZES.
- 6 PROVIDE AND INSTALL (2) 4" UNDERGROUND SCHEDULE 40 PVC RACEWAY TO SERVE FUTURE CONSTRUCTION. STUB OUT, CAP AND MARK AS SHOWN. SEE 9/E-7.1.

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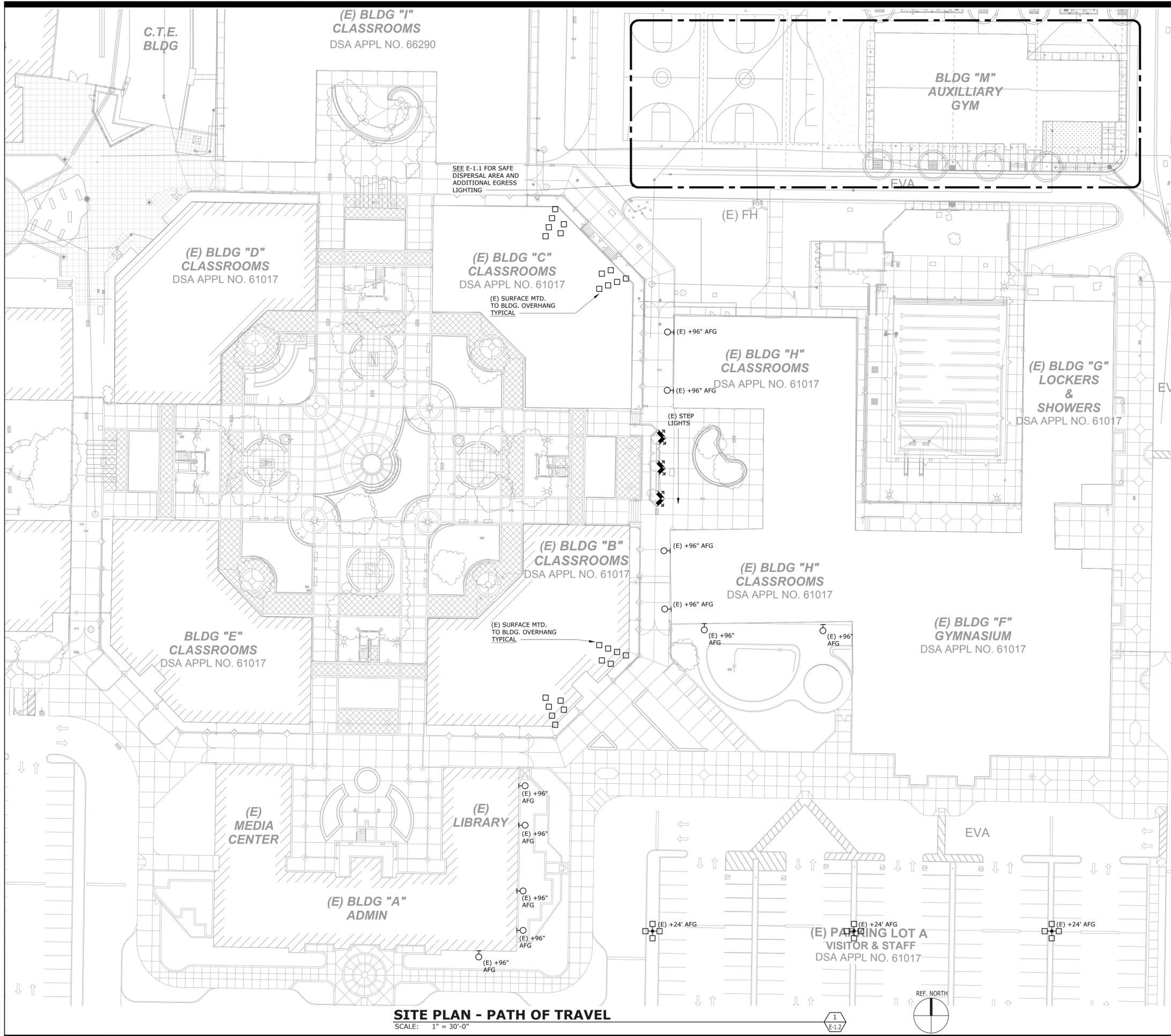
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**SITE PLAN - ELECTRICAL**

SHEET NUMBER  
**BID CLARIFICATION 01**  
**E-1.1**



GENERAL SHEET NOTES

- SEE G-0.5 FOR AREA OF SAFE DISPERSAL AND EGRESS PATH OF TRAVEL.

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SITE PLAN - PATH OF TRAVEL

SHEET NUMBER  
**BID CLARIFICATION 01**  
**E-1.2**

IDENTIFICATION STAMP  
 DIV. OF THE STATE ARCHITECT  
 APP: 01-119278 INC:  
 REVIEWED FOR  
 SS  FLS  ACS   
 DATE: 05/05/2021



QUATTROCCHI KWOK  
 ARCHITECTS  
 Main:  
 636 Fifth Street, Santa Rosa, CA 95404  
 East Bay:  
 55 Harrison Street, Suite 525,  
 Oakland, CA 94607  
 (707) 576-0829

**FREEDOM  
 HIGH SCHOOL**

**NEW AUXILIARY  
 GYMNASIUM**

1050 NEROLY RD,  
 OAKLEY, CA 94561

LIBERTY UNION  
 HIGH SCHOOL  
 DISTRICT

REVISIONS

NO.	DESCRIPTION

DSA APP NO. 01-119278  
 ARCH PROJECT NO: 1869.00  
 DRAWN BY: CAD  
 DRAWING SCALE: NONE  
 PTN: 61721-78 FILE NO: 7-H4

CONSTRUCTION DOC.

MAY 5, 2021

SHEET TITLE

**DETAILS - FIRE  
 PROTECTION**

SHEET NUMBER

**BID CLARIFICATION 01**

**FP-6.2**

**HYDRAULIC - SYSTEM**  
THIS BUILDING IS PROTECTED BY A HYDRAULIC DESIGN AUTOMATIC SPRINKLER SYSTEM

LOCATION: \_\_\_\_\_

**SPRINKLER INFORMATION**

NUMBER OF FLOWING SPRINKLERS: \_\_\_\_\_ PROTECTION AREA PER SPRINKLER: \_\_\_\_\_  
 MANUFACTURER: \_\_\_\_\_ MODEL: \_\_\_\_\_ TEMPERATURE: \_\_\_\_\_  
 TYPE: \_\_\_\_\_ K-FACTOR: \_\_\_\_\_  
 ORIFICE: \_\_\_\_\_

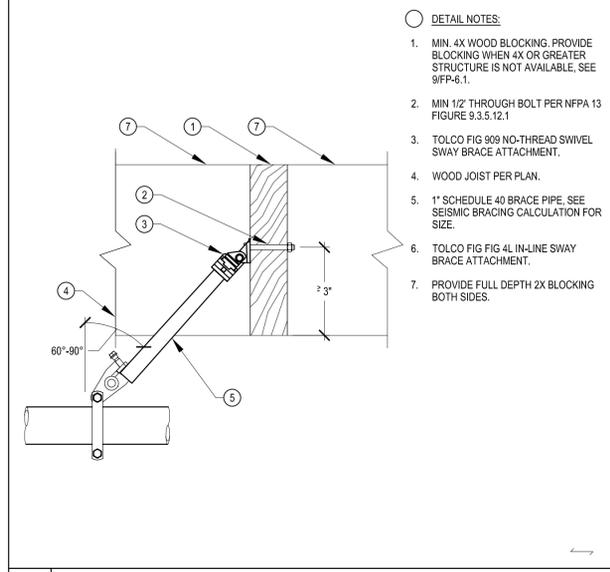
**BASIS OF DESIGN**

STANDARD: NFPA 13, 2018 EDITION HAZARD GROUP: \_\_\_\_\_  
 DENSITY: \_\_\_\_\_ DESIGN AREA OF DISCHARGE: \_\_\_\_\_

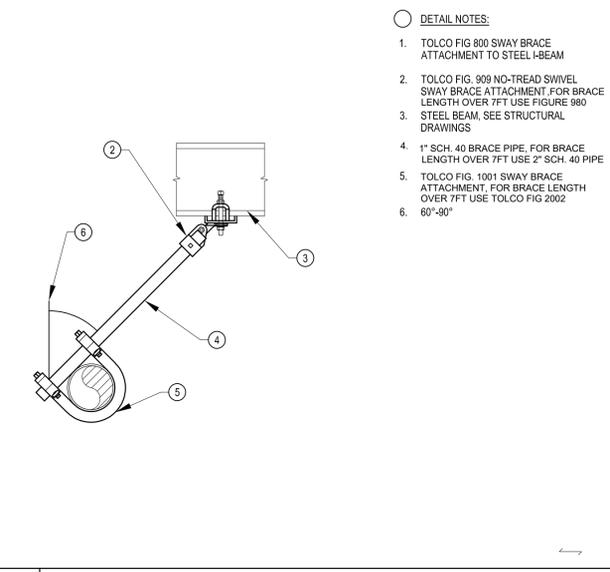
**SYSTEM DEMAND**

FLOW AT THE BASE OF THE RISER \_\_\_\_\_ HOSE STREAM ALLOWANCE: \_\_\_\_\_  
 THE BASE OF THE RISER: \_\_\_\_\_ INSIDE: \_\_\_\_\_  
 RESIDUAL PRESSURE AT THE BASE OF THE RISER: \_\_\_\_\_ OUTSIDE: \_\_\_\_\_  
 TOTAL \_\_\_\_\_  
 REQUIRED FLOW AT THE SOURCE: \_\_\_\_\_ REMOTE SPRINKLER FLOW \_\_\_\_\_  
 GPM \_\_\_\_\_ @ \_\_\_\_\_  
 REQUIRED PRESSURE AT THE SOURCE: \_\_\_\_\_

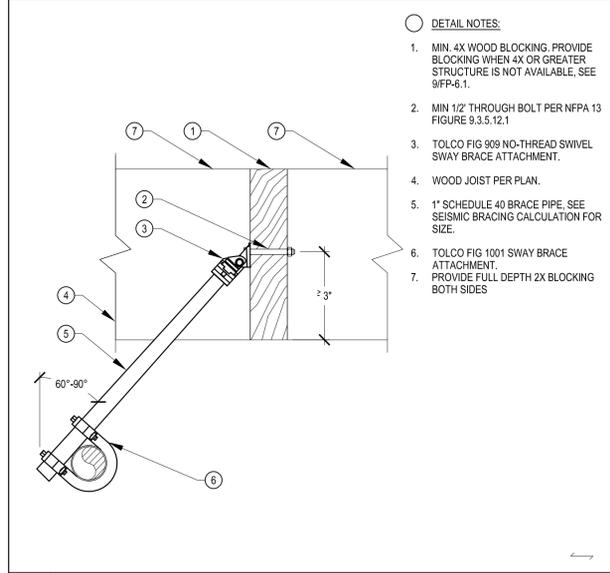
NOTE: SEE FP-2.1 FOR HYDRAULIC DATA PLATE INFORMATION



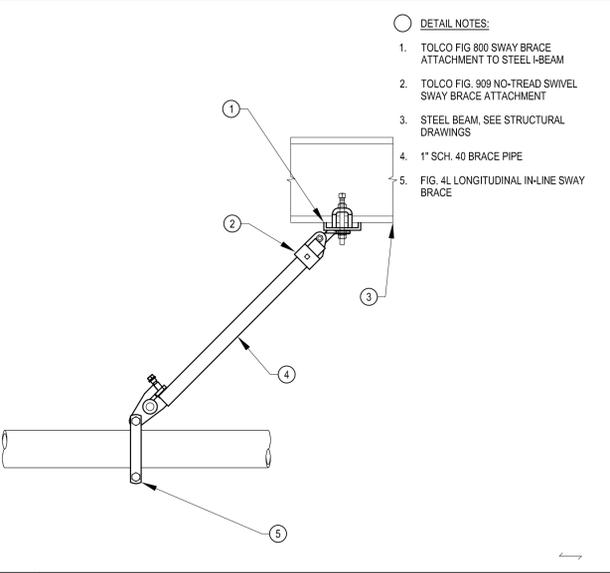
6 LONGITUDINAL SEISMIC BRACE SB-4 N.T.S.



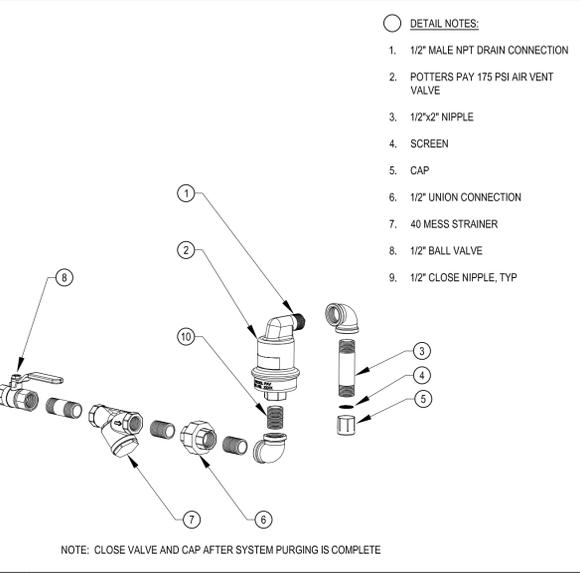
3 LATERAL SEISMIC BRACE SB-1 N.T.S.



7 LATERAL SEISMIC BRACE SB-5 N.T.S.



4 LONGITUDINAL SEISMIC BRACE SB-2 N.T.S.



2 AIR VENT N.T.S.

**Sprinkler System - General Information**  
 For: \_\_\_\_\_

Pipe Scheduled System:  YES  NO Date: \_\_\_\_\_  
 High Piled Storage:  YES  NO Flow Test Date: \_\_\_\_\_  
 Rack Storage:  YES  NO Static: \_\_\_\_\_ psi bar  
 Commodity Class: \_\_\_\_\_ Residual: \_\_\_\_\_ psi bar  
 Max Storage Height: \_\_\_\_\_ ft m Flow: \_\_\_\_\_ gpm lpm  
 Aisle Width (min): \_\_\_\_\_ ft m Pittot: \_\_\_\_\_ psi bar  
 Encapsulation:  YES  NO Date: \_\_\_\_\_  
 Solid Shelving:  YES  NO Location: \_\_\_\_\_  
 Flammable/Combustible Liquids:  YES  NO  
 Other Storage  YES  NO Location of Aux/low point drain: \_\_\_\_\_

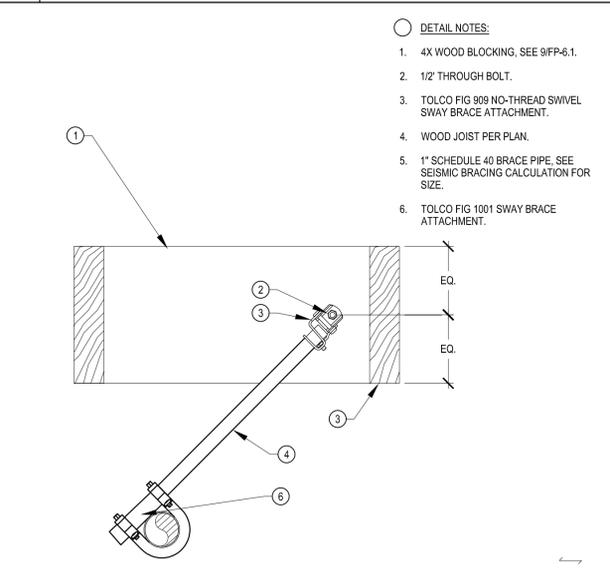
Hazardous Material:  YES  NO  
 Idle pallets:  YES  NO  
 Antifreeze Systems:  YES  NO  
 Dry or Aux Systems:  YES  NO  
 Location: \_\_\_\_\_  
 Location: \_\_\_\_\_

Where injection systems are used to treat MIC or corrosion:  
 Type of chemical: \_\_\_\_\_ Concentration: \_\_\_\_\_ For purpose of disposal, see: \_\_\_\_\_

Name of contractor or designer: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 Phone: \_\_\_\_\_

Dry pipe/double interlock preaction valves test results:  
 Original main drain test results:  
 Static: \_\_\_\_\_ psi bar  
 Residual: \_\_\_\_\_ psi bar  
 Venting Valve location: \_\_\_\_\_

8 GENERAL INFORMATION SIGN TEMPLATE



5 LATERAL SEISMIC BRACE SB-3 N.T.S.



CEG JOB NO: 20118

**CYPRESS**  
 Engineering Group

831.218.1802  
 8 Harris Court, Suite A8  
 Monterey, CA 93940  
 cypresseg.com

HVAC, Plumbing, Fire Protection  
 Building Commissioning  
 Industrial Refrigeration  
 Environmental Compliance  
 Training & Technical Support

May 4, 2021

Sign In sheet for  
LUHSD  
Freedom High School New Auxiliary Gymnasium

**MANDATORY PRE-BID CONFERENCE**

<b>Name of Representative</b>	<b>Company Name</b>	<b>Phone Number</b>	<b>E-mail</b>
1. Paul Melloni Dir. Of Maint. & Facilities	OWNER LUHSD	925-634-2166	mellonip@luhsd.net
2. Anthony D'Amante Project Manager	CM Lathrop Construction Associates, Inc.	707-746-8000	aed@lathropconstruction.com
3. Kyle McKibbin Account Executive	OCIP Insurance Keenan & Associates	510-986-6761	kmckibbin@keenan.com
4. Garrett Nichols	Arntz Builders, Inc.	707-835-2900	garrett@arntzbuilders.com
5. Michael Young	Bobo Construction, Inc.	916-383-7777	bestimating@boboconstructioninc.com
6. Charlie Slack, Jr.	CWS Construction Group, Inc.	415-599-6545	Charliejr.cws@gmail.com
7. Huan Truong	D.L. Falk Construction, Inc.	510-887-6500	htruong@dlfalk.com
8. Anthony Alfaro	EF Brett and Company, Inc.	415-524-8351	anthonya@efbrett.com
9. Obafemi Oniyinde	F & H Construction	209-931-3738	estimating@f-hconst.com
10. Mike Gentry	GCCI, Inc.	707-545-2134	mike@gcciinc.com
11. Clinton Freed	Rodan Builders, Inc.	650-508-1700	bids@rodanbuilders.com
12. Ben Hexom	SW Allen Construction, Inc.	916-344-2098	benhexom@swaci.com

13. Teena Singley	Sausal Corporation	925-568-2200	tsingley@sausal.net
14. Rick Aguilar	Simile Construction	209-545-6111	ricka@similebuilt.com
15. James Smith	W.A. Thomas Co., Inc.	925-228-9600	jim@wathomas.net
16. Tammy Enos	Zovich & Sons	925-775-4227	tammye@zovichconstruction.com
17. Casey Curtin	Consolidated Engineering, Inc.	925-752-5366	casey@conenginc.net
18. Shannon Frankenberger	Johnson Controls	510-239-1162	Shannon.frankenberger@jci.com
19. Jesse Peralez	Carpenters Local Union 152	925-228-1858	jperalez@nccrc.org
20. David Johnsen	Contra Costa Compliance	925-372-0302	djohnsen@contracostacompliance.com

May 4, 2021

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**MANDATORY PRE-BID CONFERENCE AGENDA** for

Liberty Union High School District

**FREEDOM HIGH SCHOOL NEW AUXILIARY GYMNASIUM**

(Bidders for the Freedom High School New Auxiliary Gymnasium must sign the Mandatory Pre-bid sign in sheet to bid this project. Due to COVID concerns signing of the Prebid sign in sheet is accomplished by providing contact information at the Mandatory Pre-Bid Conference).

Owner: Liberty Union High School District  
Brentwood, CA

Meeting Date and Time: Tuesday, May 4, 2021, 10:00AM  
Meeting Location: Freedom High School  
1050 Neroly Road  
Oakley, CA 94561

A. **INTRODUCTIONS**

1. Owner: LUHSD  
(Dir. of Maint. & Facilities) Paul Melloni
2. Construction Manager: Lathrop Construction Associates, Inc.  
(Project Manager) Anthony D'Amante
3. OCIP Insurance: Keenan & Associates  
(Account Executive) Kyle McKibbin

B. **PREQUALIFICATION REQUIRED**

1. All Prime contractors and MEP Subcontractors must be prequalified with the LUHSD. The Prequalification deadline was November 20, 2020. See the attached list of LUHSD Prequalified Contractors.

C. **PROJECT REVIEW**

1. Project Description:

Project consists of a new type V-B single story auxiliary gymnasium with 5 rows of bleachers, classroom, storage, toilet rooms and related support spaces and related site work. Selective site demolition necessary for the construction of new building including associated civil, architectural, structural, plumbing, mechanical and/or electrical work as indicated in the Drawings and Specifications. Generally these categories of work involve new finishes, HVAC, plumbing, electrical and low voltage systems. The Project will involve construction on an active construction site and barricading of work areas will be required to separate construction areas from occupied spaces and as needed to accommodate the Owner's schedule and use of the site.

D. **PROJECT SCHEDULE**

1. Overall duration of 335 calendar days.  
(For further description see Notice Inviting Bids)
2. Liquidated Damages are set at \$1,500 per calendar day per Article 3 of the Agreement Form.

E. **WORK HOURS**

See General Conditions

F. **LABOR COMPLIANCE**

1. Wage Rates, Travel and Subsistence (See Instructions to Bidders)
2. DIR Registration Required (See Instructions to Bidders and General Conditions)

G. **INSURANCE REQUIREMENTS**

OCIP (See General Conditions Article 11)

H. **SUBSTITUTIONS**

See Instructions to Bidder and General Conditions

I. **BID DOCUMENTS**

1. Required bid submission documents:  
See Instructions to Bidders (Checklist of Mandatory Bid Forms)

J. **BID DATE, TIME, and LOCATION**

Bid Date & Time: **Tuesday, May 25, 2021, 2:00pm**

On the day of the bid, bids will be received at:

Liberty Union High School District Office  
20 Oak Street, Brentwood, CA 94513

**DO NOT SUBMIT BIDS TO Lathrop Construction Associates.**

K. **AVAILABILITY OF BIDDING DOCUMENTS**

An electronic file of **Bidding Documents** may be obtained at no charge by sending an email to: [maria.galligan@lathropconstruction.com](mailto:maria.galligan@lathropconstruction.com) or by calling 707-746-8000. Bidding Documents are also available on the Liberty Union High School District website.

K. **BID CLARIFICATIONS / ADDENDA**

Requests for clarification of any portion of the Contract Documents must be made in writing and submitted by mail, e-mail, or personal delivery to Quattrocchi Kwok Architects. To be considered, all such requests must be received no later than seven (7) working days prior to the bid opening. The District will not respond to inquiries.

- a. If by e-mail camh@qka.com
- b. If by mail/personal delivery: Quattrocchi Kwok Architects  
Cam Hawing  
636 Fifth Street  
Santa Rosa, CA 95404
- c. For general Information: (707) 576-0829

In response to any request for clarification, QKA will consult with the District and CM and provide all responses in writing and issued to all plan holders by Bid Clarification.

**BID CLARIFICATION NO. 1** (to be issued the week May 10<sup>th</sup>):  
Bid Clarification No. 1 will include:

- a. Mandatory Pre-Bid sign in sheets

L. **SITE VISIT**

If you wish to schedule a second tour of the existing conditions, contact Barbara Tittle ([barbara.tittle@lathropconstruction.com](mailto:barbara.tittle@lathropconstruction.com)) to schedule a visit at a later date.

M. **QUESTIONS**

Question: What is the expected start date of the project?

Answer: If all goes as planned with the bid process, Board approval would occur in mid-June with construction starting in late June or early July.

Question: Does the District have an IOR selected.

Answer: The District will be using the same IOR they have used on other projects, Greg Birtchet.

Distribution: All Present

**LIBERTY UNION HIGH SCHOOL DISTRICT**  
**PREQUALIFIED CONTRACTORS AS OF DECEMBER 29, 2020**  
*(LUHSD Prequalification Deadline 11/20/2020)*

**VALID THROUGH DECEMBER 31, 2021**

<u>Contractor</u>	<u>Type of License</u>
3D Datacom	B, C7, C10
Airteks	C20
ALB	A, B
Alessandro Electric	C7, C10
Alten	A, B
American Air Conditioning, Plumbing, Heating	B, C4, C20, C36, C38, C43
American Plumbing	B, C4, C36
AMS Heating	C4, C20, C36, C43
Anaya Construction	B
Arntz	A, B
Asbestos Management Group (AMG)	A, B, C2, C21, C22
B&H Electric	C10
Bay Cities Fire Protection	B, C16
Bay City Mechanical	C4, C20, C36, C43
Beals Martin	A, B
Bel Aire Mechanical	B, C4, C10, C20, C36, C38
Bell Products	A, B, C4, C20, C36, C43
Best Contracting	A, B, C17, C39, C43
Bobo Construction	A, B, C8, C20, C36, C43
Bockmon & Woody Electric Co., Inc.	C10
Bothman	A, B, C8, C27
Bowen Engineering & Environmental	A, B, C10, C21, C22, C29, C33
Cal Pacific Systems	A, B, C4, C10, C20, C36
Charles Pankow Builders	B
Collins Electrical	A, B, C10, C31
Communication Service Company	C10
Con J Franke	C10
Consolidated Engineering	A
CWS Construction Group	A, B
D.A. Bender	C36
DDK Mechanical	B, C20, C36, C43
DecoTech Systems	B, C7, C10
Del Monte	C10
Demolition Services and Grading	A, B, C12, C21
Diede	A, B, C8, C15, C27, C39, C61
Digital Networks Group	C7, C10
Dinelli	C36
Div 15 Tech, Inc.	B, C20
Diversified Power Corp	C10
DL Falk	B
Dowdle	A, B, C4, C20, C36
Du-Mor Fire Systems	C16
EF Brett	A, B
F & H	A, B
Fertado Heating	C20, C43

ContractorType of License

<u>Contractor</u>	<u>Type of License</u>
GCCI	B
GP Mechanical	C20, C43
Granite Rock Company	A, B
Hometown Construction	B, C20, C36
Kerex Engineering	A
KS Plumbing	C36
Lloyd F. McKinney	C7, C10
Marquee Fire Protection	C16, C41A
Matrix	B, C4, C10, C20, C36, C38, C43
McGuire & Hester	A, B, C21, C27, C31
McMillian Data Communications	C10
Meehlies	B
MK Pipelines, Inc.	A, B,
Pacific Coast General Engineering	A
Pacific Metro Electric	B, C10
Pacific Power & Systems	C7, C10
Paschke Electric	C10
PCD	C7, C10
Peterson Mechanical	B,C20,C16,C36,C38,C42,C43,C4, C34
Point One Electrical Systems	B, C7, C10
Presidential Fire Protection	C16
Prime Mechanical	B, C4, C20, C36, C38
Quality Sound	C7, C10
Red Top Electric	B, C7, C10
Rodan	A, B, C21
Saboo	A, B, C10, C20
Sausal Corp	B
Sebastian Corp.	A, B, C7, C10
Smith and Sons Electric	C10
Southern Bleacher	A
Sturdiesteel	A
SW Allen	A, B, C39, ASB
Teichert Construction	A, B, C10, C22, C27
Trahan Mechanical	C20, C43
Vanden Bos Electric	B, C7, C10
WA Thomas	A, B
Walker Telecomm	B ,C7, C10
W.C. Maloney	A, C21
Zapein Electric	C10, C38
Zovich & Sons	A, B, C8