

ADDENDUM #2

PN PHS023-03RB1 – New Competition Pool at Pierce HS

August 18, 2023

TO ALL BIDDERS:

The following changes, omissions, and/or additions to the Proposal shall apply to proposals made for and to the execution of the various parts of the work affected thereby, and all other conditions shall remain the same.

All parties of interest shall take careful note of the addendum so that the proper allowances may be made in strict accordance with the Addendum.

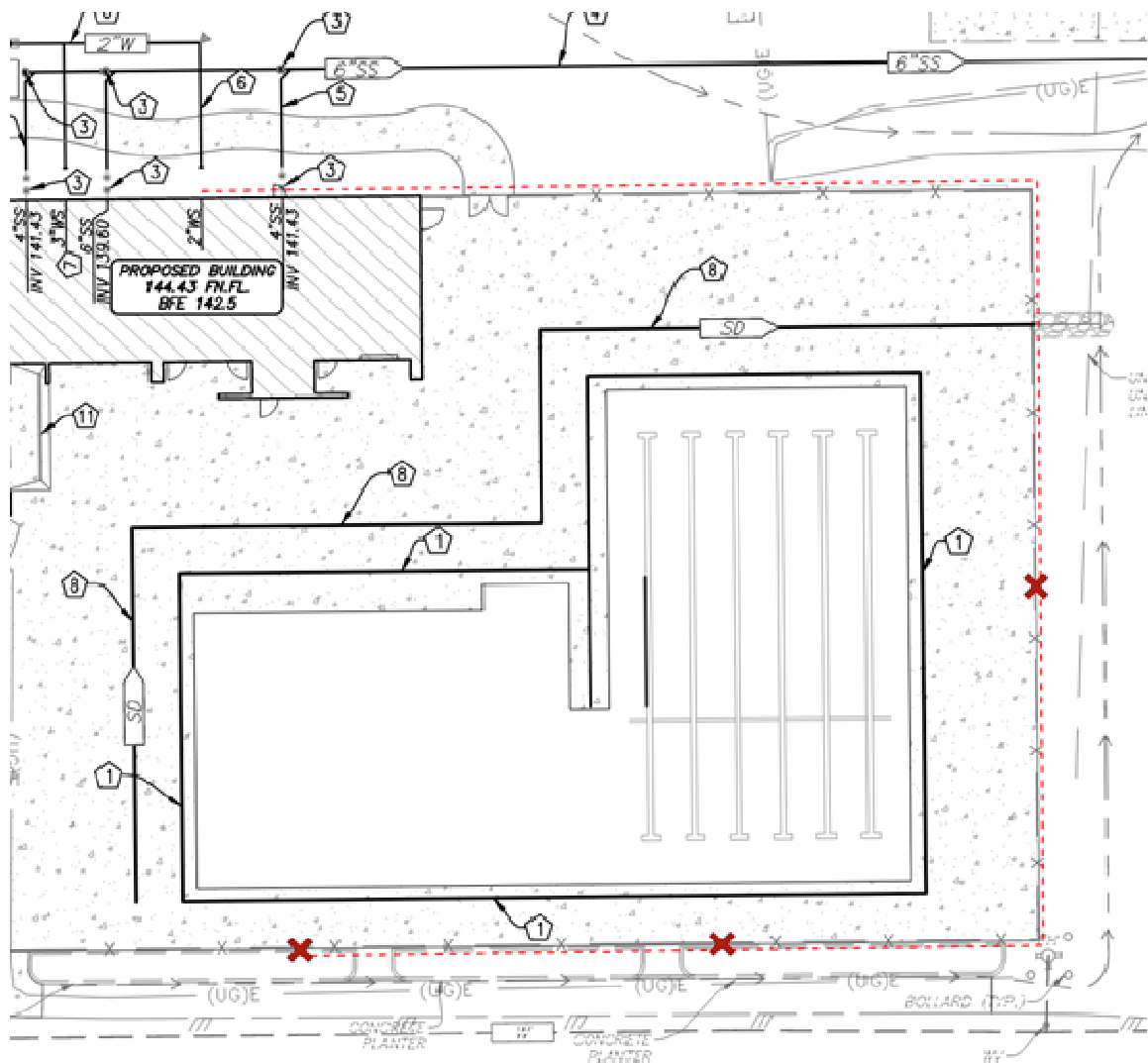
Bidder shall acknowledge receipt of this addendum by signing and attaching this form to the Consultant Proposal. Failure to do so may subject Bidder to disqualification.

In case of conflict between bid documents and this addendum, this addendum shall govern.

Clarification Questions:

1. Is the structural steel to be shop primer or galvanized? Specs call out both.
 - a. Structural steel shall be shop primed per Structural Steel note #4 on Sheet S1.1.
2. What is the thickness of the concrete pool deck? What depth & size of base under concrete? Please clarify & provide details. *Civil plans (pg. C201) says to see Architectural & Pool Plans. Architectural plans (pg. A1.3) says to see Civil drawings. Pool plans (pg. SP1.0) says to see Architectural.
 - a. Refer to Addendum 1. Addendum #1 includes a revised Civil drawing C301 which added a description of minimum requirements for the pool deck construction. Addendum #1 Miscellaneous Information item #2 provides clarification that the Geotechnical recommendations exceed the minimum requirements for the pool deck and take precedence over the Civil engineer's drawings.
3. Please provide more information on the data equipment.
 - a. For bid clarity, all data equipment and cabling will be done by the Owner and is removed from this project. The contractor shall only provide the infrastructure required (e.g., mounting surfaces, pathways, conduit, and boxes) for data cabling that is shown in the drawings.
4. Plan Sheet SP3.0 shows 10" gutter gravity drain piping to surge tank, however, sheet SP4.3 detail #1 shows gutter piping as 8". Please clarify size of gutter pipe as it enters surge tank. Does the pipe reduce down from 10" to 8" as it enters surge tank?
 - a. Gutter gravity drainpipes and their link seals shall be 10" diameter.
5. Plan sheet SP.6 shows typical underwater light detail and UWL Junction Boxes mounted to wall or a bollard at 8" min above pool deck. However, Electrical sheet E200 shows multiple junction boxes (one per light) that appear to be flush mounted within the pool deck. Please provide qty of lights per JB, make/model of JB, and locations of pool UWL junction boxes required if they are to be mounted per Sheet SP.6 (8" above deck). Are the junction boxes to be mounted against the perimeter fencing and or against mech. room building? If so, do the JB's need to be mounted inside a concrete bollard or fixed to post that is 8" above the deck? If so, provide detail for UWL junction box bollards and their proposed locations that does not impede path of travel around the pool deck.

- a. Provide revised conduit routing shown on E200. In lieu of deck-mounted junction boxes, provide tombstone risers per attached detail.
- 6. Have the pool plans been approved by the Health Department?
 - a. All comments from the County Environmental Health department have been resolved; however the department will not issue their approval until the Contractor is selected.
- 7. Typically, the health department & CA Pool Code requires hose bibbs around the pool deck for maintenance. Are hose bibbs required? I do not see them on the Pool nor Plumbing plans.
 - a. There are two (2) water hydrants on the building. In addition, run 1" Schedule 40 PVC from the water service connection point at the north side of the building (see C401) along the north, east, and south sides of the pool deck not more than 1-foot from the deck edge. Provide a total of three (3) galvanized hose bibbs and risers with metal stake supports at the fence line. Wrap risers for freeze protection. Locate one (1) hose bibb centered on the east deck edge and two (2) hose bibbs equally spaced along the south deck edge.



- 8. The Geotech Report states the following: If groundwater or saturated soils are encountered during construction or are anticipated in the pool area at any time of the year, a hydrostatic pressure relief system should be installed in the deep end of the pool and the pool should be underlain by a minimum 6-inch thick layer of 3/4-inch clean gravel underlain by Mirafli 140N filter fabric, or Caltrans Class II permeable material.

A 4-inch diameter perforated Schedule 40 PVC or ABS pipe should be installed in the gravel at the deepest point. The perforated pipe should slope at a 2 percent minimum grade to a tight line at the edge of the pool that carries the drainage to an observation well where water can be removed by pumping. Per the Geotech report, is the contractor to assume the 6" layer of ¾" drain rock under the pool and the 4" perforated pipe to an observation well may be needed and shall include in their base bid price?

- a. Yes, the Contractor shall install the gravel, filter fabric, and observation well.
- 9. The surge tank access hatch shown on SP4.3 detail #3 is not a flush mounted installation and is a potential tripping hazard. We suggest using a flush mounted concrete in-fill access hatch manufactured by Bilco or equal. Would this be acceptable in lieu of the specified Dal Dorado hatch? Furthermore, Division 13 specifications state a 24" x 24" access hatch, however, plans show a 36" x 36" access hatch. Please clarify dimensions for hatch.
 - a. The Dal Dorado hatch (or approved equal) access hatch will be installed flush. Delete benches shown in detail 7/A1.4.
- 10. Sheet SP2.3 detail #6 shows (2) 1Meter diving boards. Plans/Specifications do not list specified diving board make, model, etc. Please provide specified manufacturer for diving boards and model #.
 - a. The diving boards shall be Duraflex 16-ft aluminum springboards, Model #66-231-330 with Duraflex 1-meter stands, Model #70-231-400. A cut sheet for the boards is in the Equipment cut sheet packet.

ATTACHMENTS:

- E200 Sketch for pool lighting

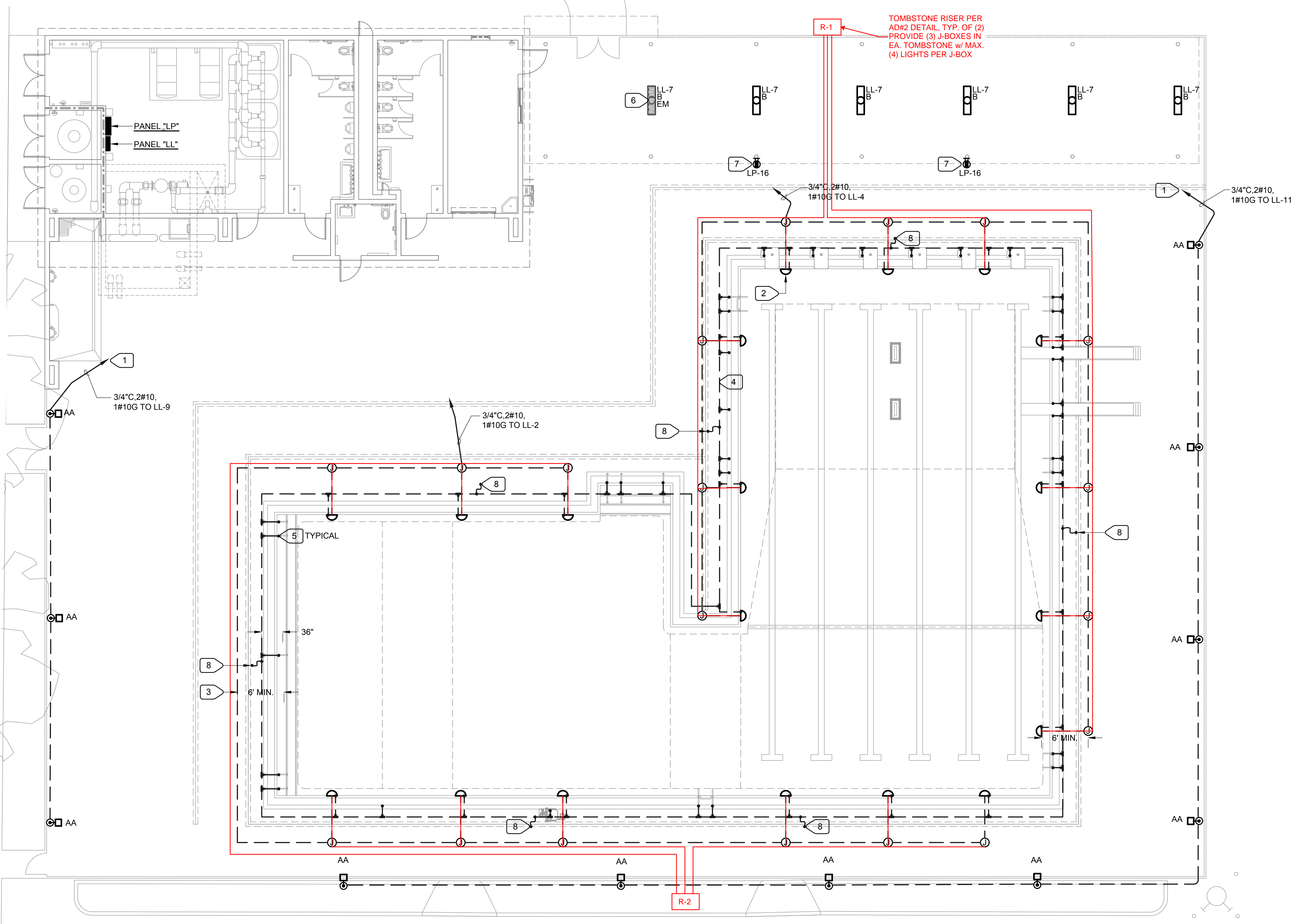
NOTE: BID DATE REMAINS ON AUGUST 24th BUT BID TIME IS CHANGED FROM 2:00:00 PM to 10:00:00AM

Please confirm receipt of this addendum by date, signature this form and on bid proposal form. No further questions will be received or replied to per Instructions to bidders.

**George Parker
Capital Projects Manager for Pierce Jt. USD**

Company Name _____ **Date** _____
Signature _____

Jun 13, 2023 - 3:24pm / agjlsic
 UNAUTHORIZED CHANGES & USES: M. Neils Engineering, Inc. Preparing these plans will not be responsible for, or liable for unauthorized changes to or uses to these plans. All changes to these plans must be in writing and must be approved by M. Neils Engineering, Inc.



R-1
 TOMBSTONE RISER PER
 AD#2 DETAIL, TYP. OF (2)
 PROVIDE (3) J-BOXES IN
 EA. TOMBSTONE W/ MAX.
 (4) LIGHTS PER J-BOX

1 POOL PLAN - ELECTRICAL
 E200 SCALE: 1/8" = 1'-0"

- NUMBERED NOTES:**
- 1 CONNECT VIA LIGHTING CONTROLLER. SEE E210, NUMBERED NOTE 2. TYPICAL FOR POLE MOUNTED LIGHTS.
 - 2 UNDERWATER POOL LIGHTS, SEE POOL DRAWINGS FOR EXACT REQUIREMENTS. ELECTRICAL CONTRACTOR TO CONNECT PER POOL CONTRACTOR REQUIREMENTS. TYPICAL.
 - 3 ELECTRICAL CONDUITS SHALL NOT BE RUN WITHIN 6' TO INSIDE WALL OF POOL, EXCEPT CONNECTION TO POOL LIGHT.
 - 4 PROVIDE EQUIPOTENTIAL BONDING AROUND POOL - #6 BARE COPPER GROUND 6" BELOW CONCRETE WALKWAY, 24" FROM EDGE OF POOL. CONNECT TO REINFORCED STEEL REBAR IN POOL CONCRETE SHELL. USE EXOTHERMIC WELDING OR APPROVED SPLICING DEVICE TO CONNECT BONDING RING TO STEEL REBAR.
 - 5 BOND ALL METAL PARTS (CUP ROPE ANCHORS, UNDERWATER LIGHT HOUSING, HANDRAILS, POOL LIFT, STARTING PLATFORM, ETC) TO EQUIPOTENTIAL RING USING #6 BARE COPPER WIRE. CONNECT TO GRID AND METAL PARTS BY EXOTHERMIC WELDING OR APPROVED SPLICING DEVICES. TYPICAL FOR ALL PERMANENTLY INSTALLED PARTS/PIECES AROUND POOL.
 - 6 PROVIDE UNSWITCHED "HOT" TO EM LIGHT DRIVER. SWITCH EM LIGHTS WITH OTHER LIGHTS AT SHADE STRUCTURE WHEN GRID POWER IS PRESENT, AND TURN EM LIGHTS ON DURING BLACKOUTS.
 - 7 INSTALL IN METAL LOCKABLE WP ENCLOSURE AT 18" A.G.
 - 8 CONNECT TO REINFORCED STEEL REBAR IN POOL DECK.

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 These record drawings have been prepared based upon information submitted, in part, by others. While this information is believed to be reliable, The Architect is not responsible for their accuracy, nor for errors or omissions which may have been incorporated into these documents as a result.

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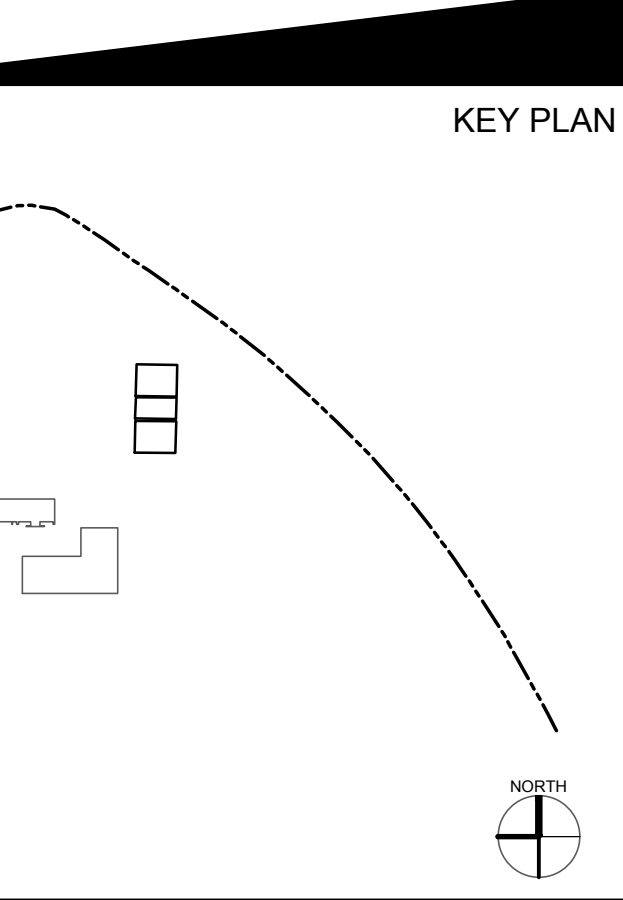
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 Arbutle, CA 95912

PROJECT
 ARBUCKLE COMMUNITY POOL
 at
 Pierce High School
 960 Wildwood Road
 Arbutle, CA 95912

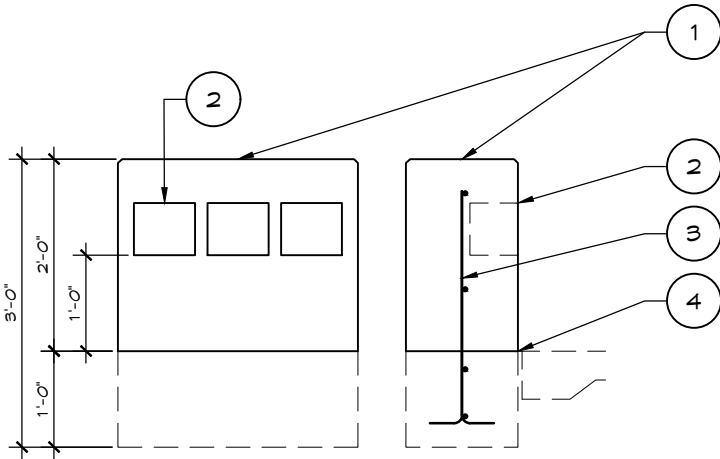


06/15/2023

NO.	REVISION DESCRIPTION	DATE

POOL PLAN- ELECTRICAL
E200

DATE	2023-06-13
PROJECT NO.	21-P03-03



- 1 CONC. TOMBSTONE w/ 1/2" CHAMFER AT ALL CORNERS
- 2 RECESSED HYDREL JB 17 19 BRASS JUNCTION BOX OR APPROVED EQ. SEE E200 FOR LOCATIONS & NUMBER OF J-BOXES PER TOMBSTONE
- 3 #4 @ 12" EA. WAY; PROVIDE #4 TOP & BOTTOM OF FTG. & ALTERNATE HOOKS
- 4 WHERE INSTALLED DIRECTLY ADJ. TO CONC. PAVING/POOL DECK PROVIDE 1/2" E.J.

JR

TOMBSTONE

SCALE: 1/2" = 1'-0"