

**ADDENDUM No. 1**

TO

Contract Documents  
Plans and Specifications

For

**Diablo Water District**

**Reservoir R-2 Foundation Seismic Improvements Project**

October 28, 2022

(Bid Date: November 2, 2022, at Noon)

This Addendum No. 1 shall become part of the contract and all provisions of the contract shall apply thereto.

Bidder shall acknowledge receipt of this addendum.

### **Response to Bidders' Questions**

1. ***Can we receive a copy of the Sign-In sheet?***

Response:

See attached Sign-In sheet from the pre-bid conference held on October 25, 2022.

2. ***Is it required that contractors purchase the drawings/specs to be considered viable bidders?***

Response:

No, a contractor is not required to purchase the drawings/specs to be considered a viable bidder. Contractors can download and print their own bid documents to complete.

3. ***Can the excavated materials be reused as backfill?***

Response:

Yes, so long as the excavated materials meet Caltrans Class 2 aggregate base (AB) or engineered fill requirements. See Detail A, drawing SD-1.

4. ***Where can construction equipment and materials be staged?***

Response:

The staging area is shown on drawing G-2, Site Plan.

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5. ***Will the new concrete ringwall extension include construction joints?***

Response:

Construction joints shall be provided if the ring retrofit cannot be completed in one pour. If contractor elects to provide construction joints, confirm locations with engineer. See Detail A and G, drawing SD-1.

6. ***What are the compaction requirements for the backfill?***

Response:

Compact to 95% relative compaction. See Detail A, drawing SD-1.

7. ***What information is known about the location/orientation of existing rebar within the existing footing?***

Response:

See Detail A, drawing SD-1 for existing reinforcement size, location, and orientation.

8. ***Is the contractor required to x-ray the existing footing to facilitate new rebar placement?***

Response:

Contractor may x-ray existing footing reinforcement at contractor's discretion.

9. ***What leeway will be given to placing new rebar dowels? Will the contractor be allowed or expected to cut existing rebar to facilitate placement of new dowels?***

Response:

Per ACI 117, dowel placement may vary  $\pm 1/2$ " vertical and  $\pm 3$ " horizontal to avoid impacting existing reinforcement. Do not cut existing reinforcement.

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10. ***What should be done when extending the footing at the existing conduits penetrating the asphalt near the footing? Are the conduits to be put into sleeves?***

Response:

Existing conduits shall be wrapped in 10-mil tape and encased in the concrete footing extension.

11. ***Is there a Diablo Water District specific bid bond required for the bid? Or will our surety's standard bid be acceptable?***

Response:

Contractor may use their own surety's standard bond form.

12. ***Can you please provide the engineer's estimate for the project?***

Response:

The Engineer's Estimate is \$450,000.

13. ***Tank cleaning & disinfection: We understand that the tank will be drained by the District prior to the retrofit work, and refilled by the District after project completion. Since the Contractor will not be entering the interior of the tank for any retrofit work, does the interior of the tank require any cleaning or disinfection work by the Contractor as part of this Contract?***

Response:

The District will completely drain the reservoir to nearly dry conditions, including removal of accumulated sediments, such that no additional cleaning of the reservoir interior is required by the Contractor. Per Specification Section 02675, Contractor will be responsible for performing reservoir disinfection and water quality testing in accordance with AWWA C652, which typically requires reservoir entry. The Contractor shall recognize that the reservoir interior is considered a confined space.

14. ***Is shotcrete an option for the tank ring beam retrofit in lieu of cast-in-place concrete?***

Response:

The bid shall be based on furnishing and installing formed concrete, as described in the Contract Documents.

15. ***What is the thickness of the roadway structural section around the tank? Thickness of AC & thickness of CL II base are not noted on the plan set.***

Response:

The existing asphalt thickness is 3" and aggregate base is approximately 6". See Detail A on drawing SD-1 and Section 2 on drawing S-2.

16. ***Site visit photos show various small diameter electrical conduits installed tight against the existing ring beam foundation that will be in the new 6" concrete ring beam addition. Is the contractor required to modify and relocate these conduits for retrofit work, or will they be left in place and cast into the footing concrete?***

Response:

Existing conduits shall be wrapped in 10-mil tape and encased in the concrete footing extension.

### **Revisions to Plans**

The following drawings shall be deleted and replaced in their entirety:

- G-2
- S-2

This Addendum No. 1, pages 1 through 5, plus attached sign-in sheet from the pre-bid conference and revised drawings, shall become part of the Contract and all provisions of the Contract shall apply thereto.

The date and time for submittal of the Bid is November 2, 2022, at Noon.

Bidders shall acknowledge receipt of all Addenda by number in the space provided in the Bid Form.

DIABLO WATER DISTRICT

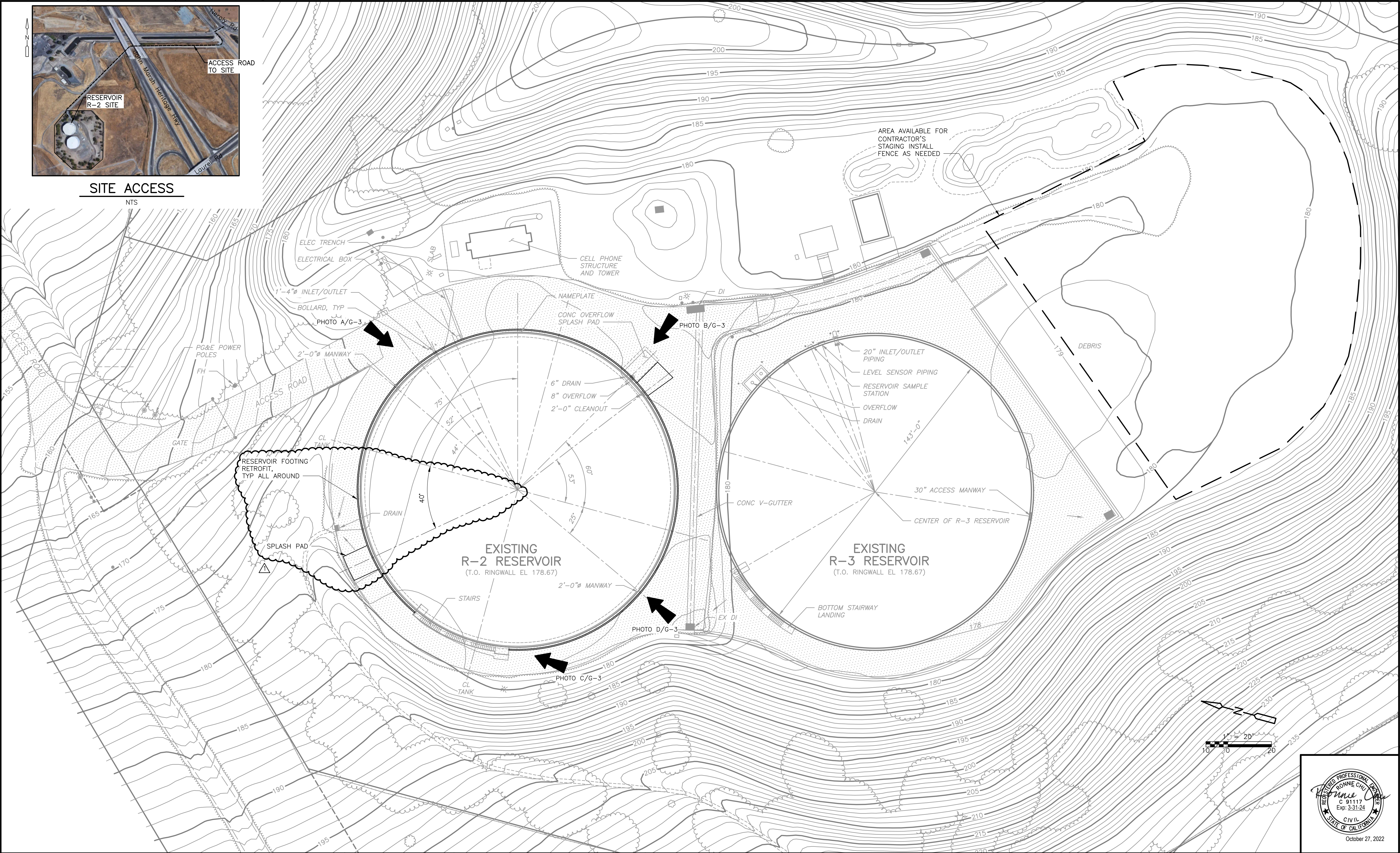
  
Dan Muelrath, General Manager

Diablo Water District  
R-2 Foundation Seismic Improvements Design  
Pre-Bid Conference  
October 25, 2022 : 9AM  
Sign-In Sheet

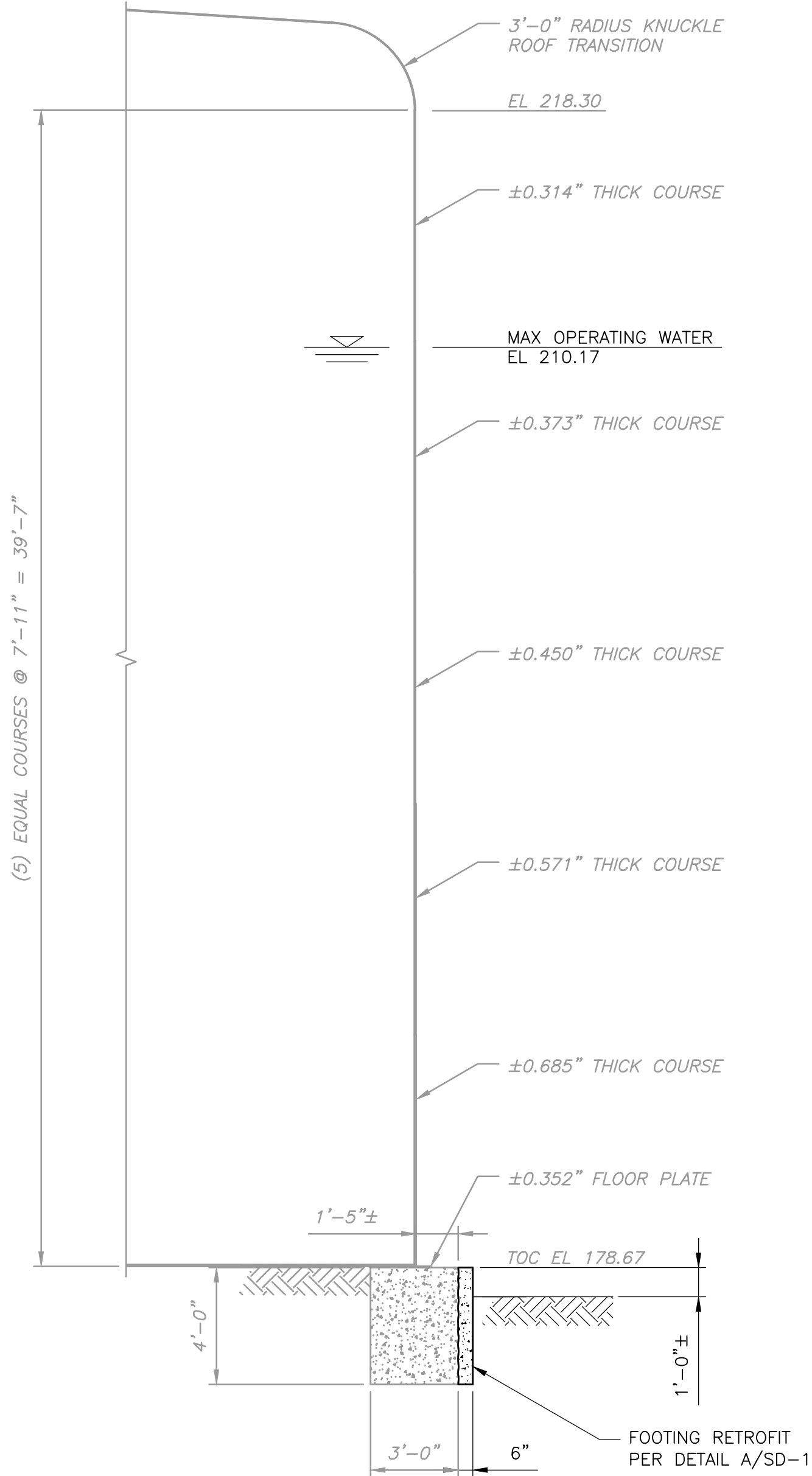
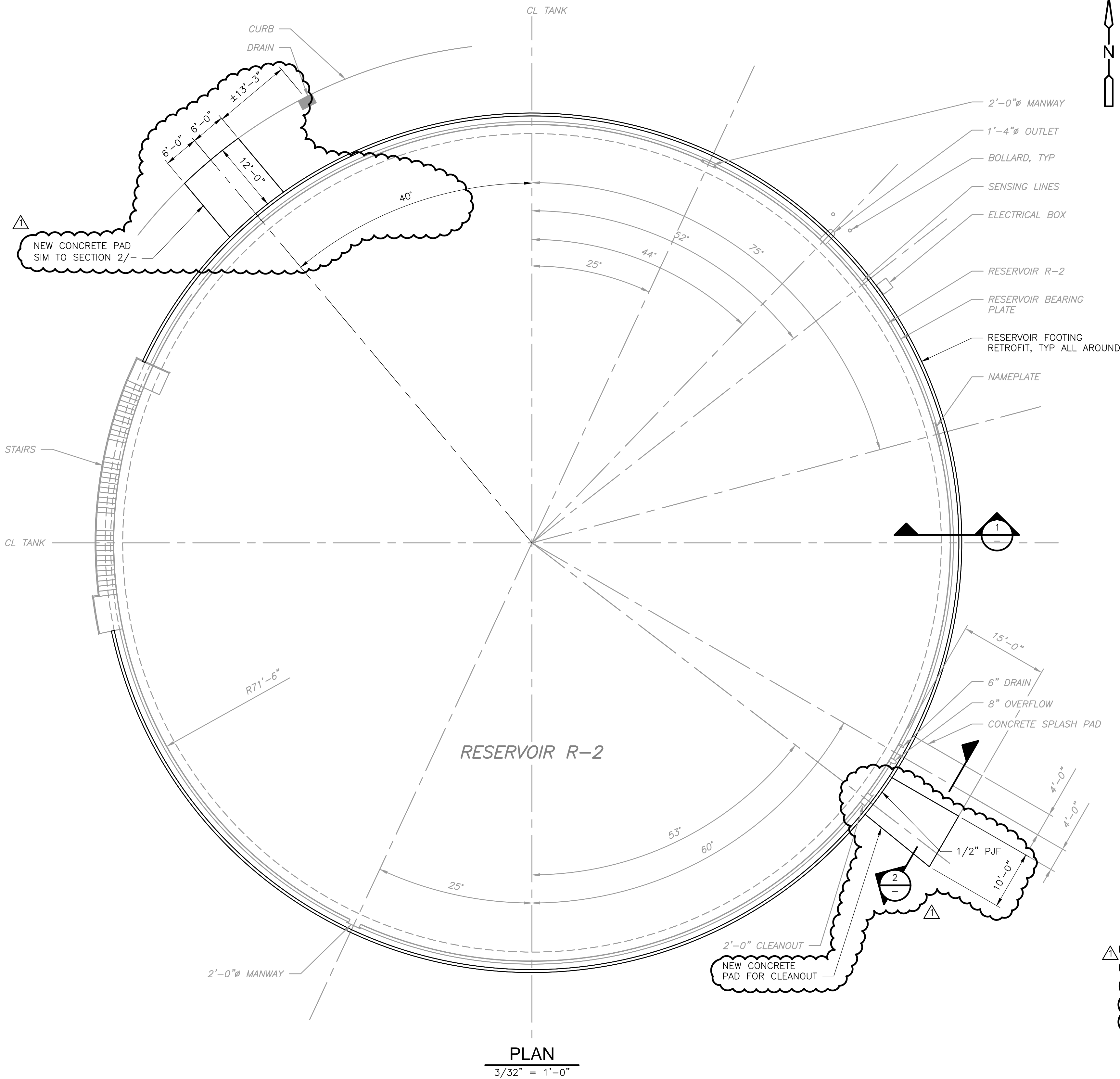
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Jason Heist	Thompson Builders corp.	415-456-8972	kids@tbcorp.com

XREFS: [2519-53871-C-GRADING, R3\_Base.mxd, 2519-53871-N-V-AULT, 2519-53871-S-V-AULT, CDMS-2234, SEP000RV, SWP000RV] Images: [R-3 Site March 2022 Update]

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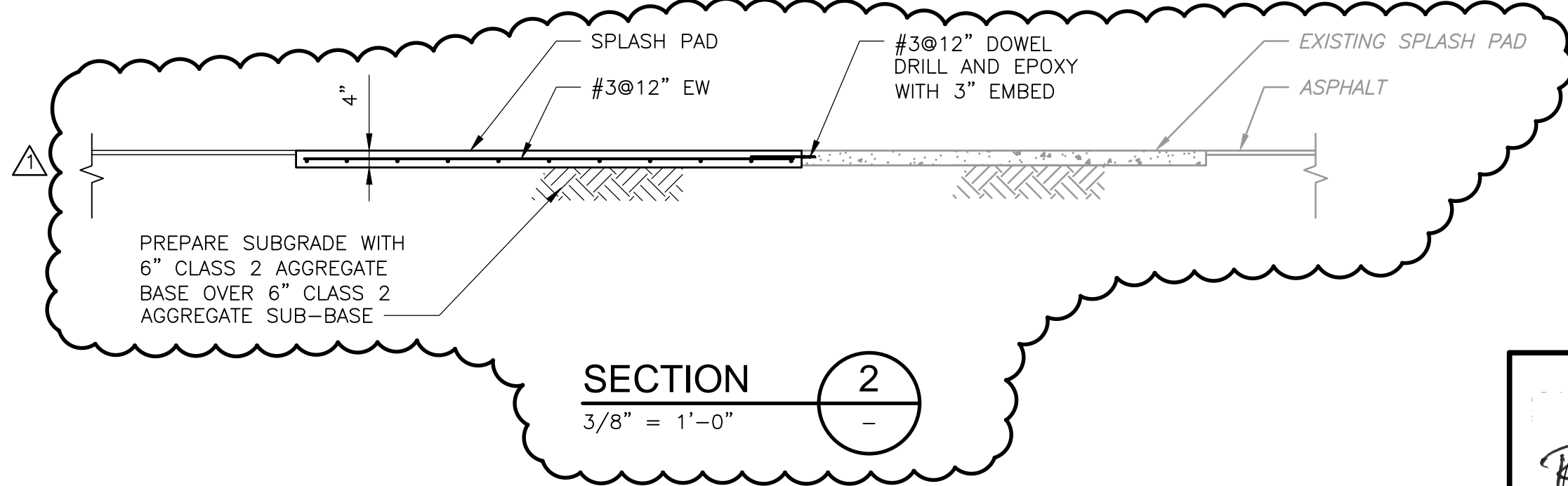


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SECTION 1

1/4" = 1'-0"



NOTES:

1. TANK MUST BE DRAINED AND EMPTY PRIOR TO ANY FOOTING RETROFIT WORK. DRAINING OF TANK WILL BE PERFORMED BY DIABLO WATER DISTRICT.

REV. NO.	DATE	DRWN	CHKD	REMARKS
1	10/27/22	ASJ	RC	ADDENDUM 1

DESIGNED BY: R. CHU  
DRAWN BY: A. JOHNSON  
SHEET CHK'D BY: C. ORTIZ  
CROSS CHK'D BY: P. BLOMBERG  
APPROVED BY: R. CHU  
DATE: OCTOBER 2022

**CDM Smith**  
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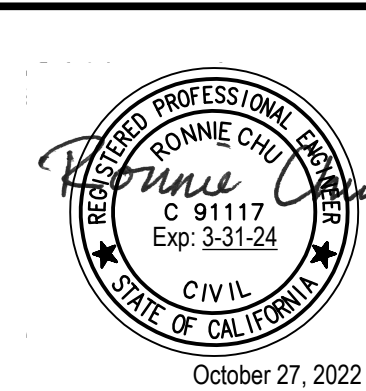
DIABLO WATER DISTRICT

RESERVOIR R-2

FOUNDATION SEISMIC IMPROVEMENTS

STRUCTURAL

RESERVOIR R-2 PLAN AND SECTION



PROJECT NO. 2519-263233  
FILE NAME: S002RVPL.DWG

SHEET NO.

S-2