



SECTION G

CONTRACT DRAWINGS

**CSA 64 RECOATING TANKS
2A AND 2B PROJECT**

FOR

**COUNTY SERVICE AREA 64
HESPERIA, CALIFORNIA**

PROJECT NO.: 30.30.0115



SAN BERNARDINO COUNTY DEPARTMENT OF PUBLIC WORKS SPECIAL DISTRICTS CSA 64 - 2A AND 2B REHABILITATION PROJECT APN: 041526313

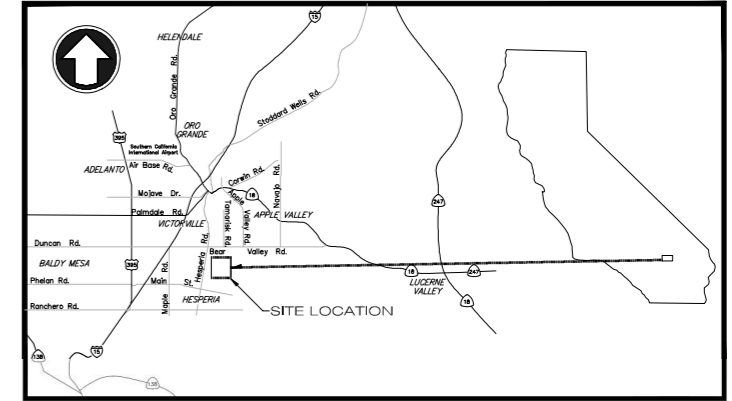
GENERAL NOTES:

1. CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY, AND HOLD HARMLESS SAN BERNARDINO COUNTY, SAN BERNARDINO COUNTY SPECIAL DISTRICTS (SBCSD), ITS OFFICIALS, ITS EMPLOYEES, AND AGENTS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT.
2. THE CONTRACTOR SHALL BE RESPONSIBLE TO REPORT DISCREPANCIES IN PLANS AND/OR FIELD CONDITIONS IMMEDIATELY TO SBCSD PROJECT ENGINEER OR ON-SITE INSPECTOR FOR RESOLUTION PRIOR TO CONSTRUCTION, AND SHALL BE RESPONSIBLE FOR ALL WORK ON ALL DISCREPANCIES NOT SO REPORTED AND RESOLVED.
3. THE CONTRACTOR IS REQUIRED TO TAKE ALL PRECAUTIONARY MEASURES TO PROTECT THE FACILITIES AND UTILITIES SHOWN, AND ANY OTHER UTILITY LINES OR STRUCTURES NOT SHOWN ON THESE PLANS, AND IS RESPONSIBLE FOR ANY DAMAGE TO THESE LINES OR STRUCTURES.
4. CONTRACTOR TO NOTE THAT THE CSA64 TANK SITE IS AN ACTIVE SBCSD FACILITY. CONTRACTOR TO PROVIDE SAFE ACCESS TO PROJECT SITE FOR SBCSD STAFF AND REPRESENTATIVES AT ALL TIMES. CONTRACTOR TO ABIDE BY SBCSD STAFF RULES AND DIRECTIONS AS TO NOT INTERFERE WITH NORMAL OPERATIONS AT CSA64 TANK SITE.
5. THE CONTRACTOR SHALL HAVE COPIES OF THE PLANS AND SPECIFICATIONS FOR THIS PROJECT ON THE PROJECT SITE AT ALL TIMES, AND SHALL BE RESPONSIBLE FOR BECOMING FAMILIAR WITH ALL APPLICABLE STANDARDS AND SPECIFICATIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION PROJECT.
6. SANITARY FACILITIES SHALL BE MAINTAINED ON THE SITE AND SHALL BE PAID FOR BY THE CONTRACTOR.
7. THE CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN DUST CONTROL AT ALL TIMES. DUST SHALL BE CONTROLLED BY APPLICABLE GOVERNMENT STANDARDS. CONTRACTOR SHALL TAKE CARE TO KEEP DUST OUT OF NEARBY TANK SCREENS, PARTICULARLY DURING BLASTING OR CLEANING OR SURFACE PREPARATION AND COST SHALL BE CONSIDERED INCLUDED AS PART OF TOTAL BID COST.
8. OPERATION OF ALL VALVES AND PUMPS ON THE SPECIAL DISTRICTS SYSTEM SHALL BE PERFORMED BY SAN BERNARDINO COUNTY SPECIAL DISTRICTS. CONTRACTOR REQUIRED TO COORDINATE ALL VALVE OPERATIONS AT LEAST SEVEN (7) DAYS IN ADVANCE.
9. PROJECT WORKING HOURS ARE FROM 8:00 AM TO 4:30 PM WEEKDAYS OR AS REQUIRED BY THE PERMIT. NO WORK IS ALLOWED ON WEEKENDS OR HOLIDAYS WITHOUT THE WRITTEN APPROVAL OF SBCSD. CONTRACTOR SHALL BE RESPONSIBLE FOR FINANCIAL REIMBURSEMENT TO SBCSD FOR REQUESTED WORK ON WEEKENDS AND HOLIDAYS FOR SPECIAL DISTRICTS INSPECTION AND/OR OPERATION PERSONNEL COSTS.
10. ALL WORK IS SUBJECT TO INSPECTION BY THE COUNTY. THE CONTRACTOR SHALL GIVE NOTICE TO THE COUNTY INSPECTION DEPARTMENT AT LEAST FORTY-EIGHT (48) HOURS PRIOR TO COMMENCING THE WORK. ANY WORK DONE WITHOUT PROPER INSPECTION WILL BE SUBJECT TO REJECTION.
11. NEITHER THE AGENCY NOR THE ENGINEER OF WORK WILL ENFORCE SAFETY MEASURES OR REGULATIONS. THE CONTRACTOR SHALL DESIGN, CONSTRUCT, AND MAINTAIN ALL SAFETY DEVICES, INCLUDING SHORING, AND SHALL BE SOLELY RESPONSIBLE FOR CONFORMING TO ALL LOCAL, STATE, AND FEDERAL SAFETY AND HEALTH STANDARDS, AND REGULATIONS.
12. CONTRACTOR SHALL POTHOLE, MAKE EXPLORATION EXCAVATIONS AND LOCATE EXISTING UNDERGROUND FACILITIES SUFFICIENTLY AHEAD OF CONSTRUCTION TO PERMIT CHANGES TO PLANS IF REVISIONS ARE NECESSARY BECAUSE OF THE ACTUAL LOCATION OF EXISTING FACILITIES AND SHALL BE CONSIDERED PART OF TOTAL COST OF CONSTRUCTION BID. CONTRACTOR SHALL NOTIFY THE ENGINEER OF WORK OF ANY DISCREPANCIES BETWEEN THESE PLANS AND ACTUAL FIELD CONDITIONS PRIOR TO STARTING CONSTRUCTION.
13. BEFORE EXCAVATING FOR THIS CONTRACT, CONTRACTOR SHALL POTHOLE TO VERIFY LOCATION OF UNDERGROUND UTILITIES. THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY CONDUITS OR STRUCTURES SHOWN ON THESE PLANS HAVE BEEN OBTAINED FROM AVAILABLE RECORDS ONLY AND MAY NOT REFLECT ALL EXISTING UTILITIES.
14. THE CONTRACTOR IS REQUIRED TO TAKE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN HEREON AND ANY OTHER EXISTING LINES NOT OF RECORD OR NOT SHOWN ON THESE PLANS.
15. CONTRACTOR SHALL REMOVE ALL EXISTING IMPROVEMENTS IN CONFLICT WITH THE PROPOSED IMPROVEMENTS OR PROTECT EXISTING IMPROVEMENTS AS INDICATED ON PLANS. CONTRACTOR SHALL REPAIR OR REPLACE ALL DAMAGED IMPROVEMENTS WHICH WERE SHOWN TO BE PROTECTED IN PLACE.
16. ALL DRY UTILITIES (GAS, ELECTRICAL, AND TELECOMMUNICATIONS) WILL BE RELOCATED OR MODIFIED BY THE RESPECTIVE UTILITY OWNER OR THEIR REPRESENTATIVE.
17. ALL WATER AND SEWER FACILITY WORK SHALL BE DONE IN ACCORDANCE WITH THE RESPECTIVE COUNTY/DISTRICT STANDARDS AND SPECIFICATIONS AND BE APPROVED BY THE SBCSD INSPECTORS.

18. EXISTING UTILITIES NOT RELOCATED BY OWNER SHALL BE RELOCATED BY THE CONTRACTOR AS REQUIRED TO INSTALL PROPOSED IMPROVEMENTS. THE CONTRACTOR SHALL COORDINATE WITH UTILITY COMPANY PRIOR TO RELOCATION.
19. DURING ACTIVE CONSTRUCTION, AREAS SHALL BE WATERED TO REDUCE FUGITIVE DUST.
20. THE CONTRACTOR SHALL GIVE REASONABLE TIME OF NOTIFICATION TO OCCUPANTS OR OWNERS OF PROPERTY ADJACENT TO PROJECT TO PERMIT THEM, TO SALVAGE OR RELOCATE EXISTING IMPROVEMENTS ON PRIVATE PROPERTY WHICH WILL BE AFFECTED BY THE WORK.
21. CONTRACTOR SHALL REMOVE/REPLACE/RELOCATE ANY LANDSCAPING AND/OR HARDSCAPE WHICH CONFLICTS IN ANY WAY WITH THE INSTALLATION OR PROPER FUNCTIONING OF THE PROPOSED IMPROVEMENTS.
22. CONTRACTOR SHALL ADJUST ALL PROPOSED AND EXISTING FACILITIES TO GRADE.
23. LOCATION AND ELEVATION OF IMPROVEMENTS TO BE MET BY PROPOSED WORK SHALL BE CONFIRMED BY FIELD MEASUREMENTS PRIOR TO CONSTRUCTION OF NEW WORK.
24. "AS-BUILT" DRAWING(S) SHALL BE SUBMITTED BY THE CONTRACTOR AND APPROVED BY THE COUNTY/DISTRICT INSPECTOR AS PART OF A PROGRESS PAYMENT REQUEST AND PRIOR TO THE ACCEPTANCE OF THE IMPROVEMENTS BY THE COUNTY/DISTRICT PROJECT MANAGER.
25. THE CONTRACTOR SHALL MAINTAIN THE STREETS, SIDEWALKS AND ALL OTHER PUBLIC RIGHT-OF-WAY IN A CLEAN, SAFE AND USABLE CONDITION. ALL SPILLS OF SOIL, ROCK, OR CONSTRUCTION DEBRIS SHALL BE PROMPTLY REMOVED FROM THE PUBLICLY OWNED PROPERTY DURING CONSTRUCTION AND UPON COMPLETION OF THE PROJECT. ALL ADJACENT PROPERTY, PRIVATE OR PUBLIC SHALL BE MAINTAINED IN A CLEAN, SAFE, AND USABLE CONDITION.
26. SAFETY FENCES SHALL BE PROVIDED BY THE CONTRACTOR IF REQUIRED BY THE ENGINEER TO PROTECT THE PUBLIC.
27. ALL CONSTRUCTION SHALL BE AS SHOWN ON THESE PLANS, ANY DEVIATION OR REVISIONS SHALL HAVE THE PRIOR WRITTEN APPROVAL OF THE COUNTY/DISTRICT PROJECT MANAGER.
28. IN THE EVENT THAT ANY UNFORESEEN CONDITIONS NOT COVERED BY THESE PLANS ARE ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER OF WORK FOR DIRECTION.
29. ALL MATERIALS PROPOSED FOR SHALL BE APPROVED BY THE COUNTY/DISTRICT PRIOR TO CONSTRUCTION AND ALL ALTERNATE METHODS OR MATERIALS SHALL ALSO BE APPROVED BY THE COUNTY/DISTRICT PRIOR TO USE.
30. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE TO THE EXISTING UTILITIES AND RELATED EQUIPMENT, STRUCTURES, IMPROVEMENTS AS A RESULT OF HIS OPERATIONS AND WILL BE REQUIRED TO REPAIR OR REPLACE SAME TO THE SATISFACTION OF AND AS DIRECTED BY THE CITY ENGINEER.
31. EXISTING WATER VALVES WILL BE OPENED AND CLOSED BY THE COUNTY/DISTRICT PERSONNEL ONLY.
32. PRIOR TO PERFORMING ANY INTERCONNECTION WORK, THE CONTRACTOR SHALL SUBMIT A WORKING SCHEDULE AND WORK PROCEDURE PLAN TO THE ENGINEER. THE CONTRACTOR SHALL NOT PERFORM ANY INTERCONNECTION WORK UNTIL APPROVED FOR THIS SCHEDULE AND PLAN HAS BEEN OBTAINED FROM THE ENGINEER.
33. CONTRACTOR SHALL MAINTAIN ACCESS TO PRIVATE PROPERTY AT ALL TIMES.
34. ALL PAINTED STREET MARKINGS SHALL BE REPAINTED OR RESTORED IN KIND BY CONTRACTOR IF DISTURBED.

SHEET INDEX

SHEET NO.	DESCRIPTION
1	COVER SHEET- LOCATION MAP, VICINITY MAP, GENERAL NOTES AND SHEET INDEX
2	TANK LAYOUT AND CONSTRUCTION NOTES
3	INTERIOR LADDER, MANHOLE, AND OVERFLOW AIRBREAK
4	AUXILIARY VENT, GUARDRAILING, ROOF HATCH, AND LIQUID LEVEL INDICATOR
5	EXTERIOR LADDER



LOCATION MAP

NTS



VICINITY MAP

NTS

DECLARATION OF ENGINEER OF RECORD

I HEREBY DECLARE THAT THE DESIGN OF THE IMPROVEMENTS AS SHOWN ON THESE PLANS COMPLIES WITH PROFESSIONAL ENGINEERING STANDARDS AND PRACTICES. AS THE ENGINEER IN RESPONSIBLE CHARGE OF THE DESIGN OF THESE IMPROVEMENTS, I ASSUME FULL RESPONSIBLE CHARGE FOR SUCH DESIGN. I UNDERSTAND AND ACKNOWLEDGE THAT THE PLAN CHECK OF THESE PLANS BY SAN BERNARDINO COUNTY DEPARTMENT OF PUBLIC WORKS - SPECIAL DISTRICTS (SD) IS A REVIEW FOR THE LIMITED PURPOSE OF ENSURING THAT THE PLANS COMPLY WITH SD PROCEDURES, APPLICABLE POLICES AND ORDINANCES. THE REVIEWS, RECOMMENDATIONS AND APPROVALS ARE NOT A DETERMINATION OF THE TECHNICAL ADEQUACY OF THE DESIGN OF THE IMPROVEMENTS. SUCH PLAN CHECK DOES NOT, THEREFORE, RELIEVE ME OF MY RESPONSIBILITY FOR THE DESIGN OF THESE IMPROVEMENTS. AS ENGINEER OF RECORD, I AGREE TO INDEMNIFY AND HOLD SD, ITS OFFICERS, AGENTS, AND EMPLOYEES HARMLESS FROM ANY AND ALL LIABILITY, CLAIMS, DAMAGES OR INJURIES TO ANY PERSON OR PROPERTY WHICH MIGHT ARISE FROM THE NEGLIGENT ACTS, ERRORS OR OMISSIONS OF THE ENGINEER OF RECORD. I HAVE READ AND INFORMED THE PROJECT APPLICANT/DEVELOPER THAT APPROVAL OF THESE PLANS DO NOT RELIEVE THEM FROM THE REQUIREMENTS OF THE DESIGN CONDITIONS.

BY: Joanna Rembis 75535 10/5/2023
NAME RCE NO. DATE

NOTIFICATIONS

- AT LEAST 48 HOURS PRIOR TO COMMENCING CONSTRUCTION, CONTRACTOR SHALL NOTIFY:
1. SPECIAL DISTRICTS - (760) 955-9885
 2. UNDERGROUND SERVICE ALERT (USA): 811
 3. ALL OTHER AFFECTED AGENCIES THAT ARE NOT MEMBERS OF USA ALERT

UNDERGROUND SERVICE ALERT

Call: TOLL FREE
1-800-227-2600
OR
811

TWO WORKING DAYS BEFORE YOU DIG

BENCHMARK:
N/A

BASIS OF BEARINGS:
N/A

ERSG
Engineering Resources of Southern California
1861 W. Redlands Blvd.
Redlands, Ca. 92373
909.800.1255

PREPARED UNDER THE SUPERVISION OF:
Joanna Rembis 10/5/2023
JOANNA REMBIS R.C.E. 75535 DATE

REVISIONS					
MARK	DATE	INITIAL	DESCRIPTION	APPR.	DATE

PLANS APPROVED BY:
**SAN BERNARDINO COUNTY - PUBLIC WORKS
SPECIAL DISTRICTS**

David R. Doublet 06.24.2024
ASSISTANT DIRECTOR DATE

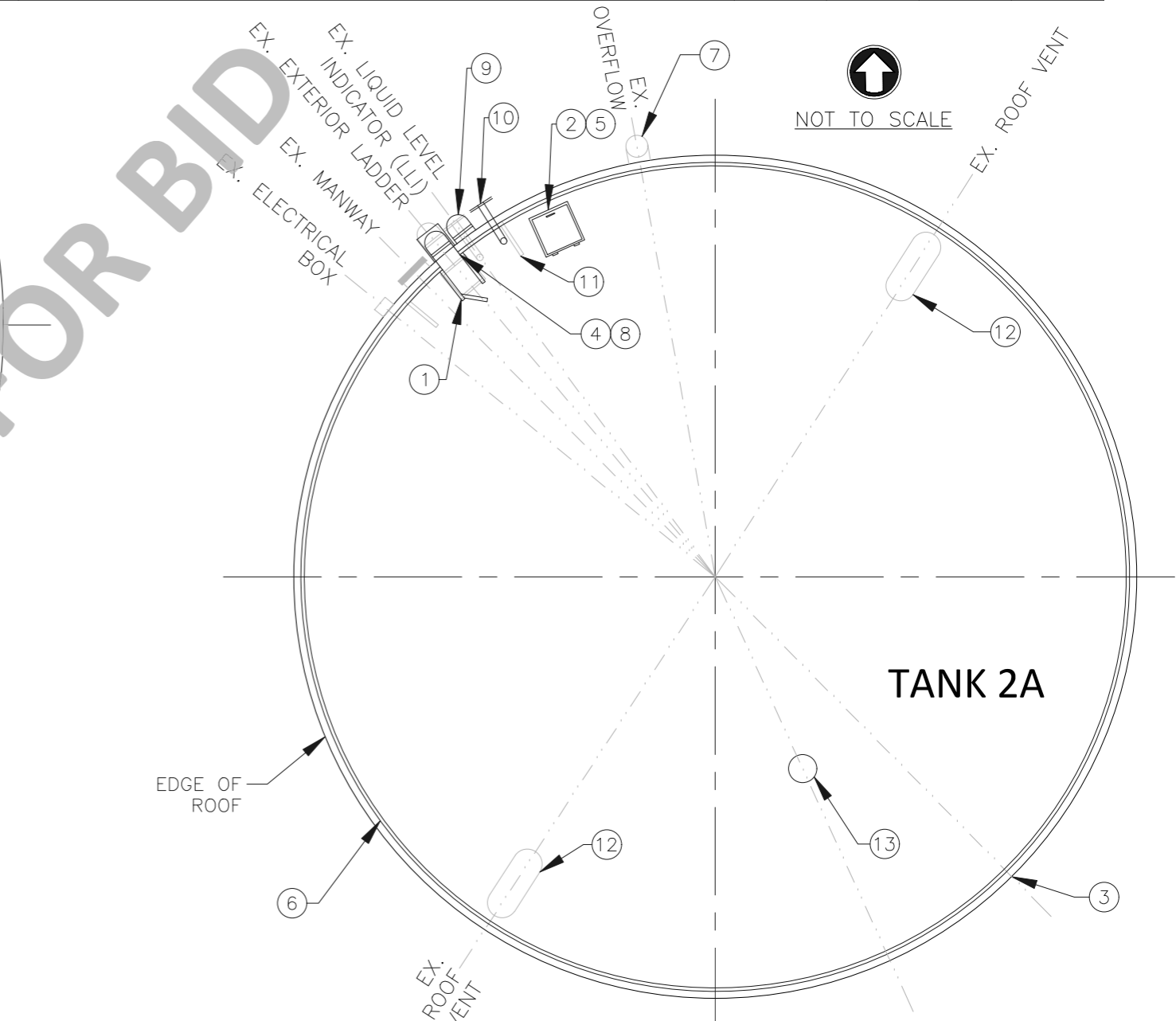
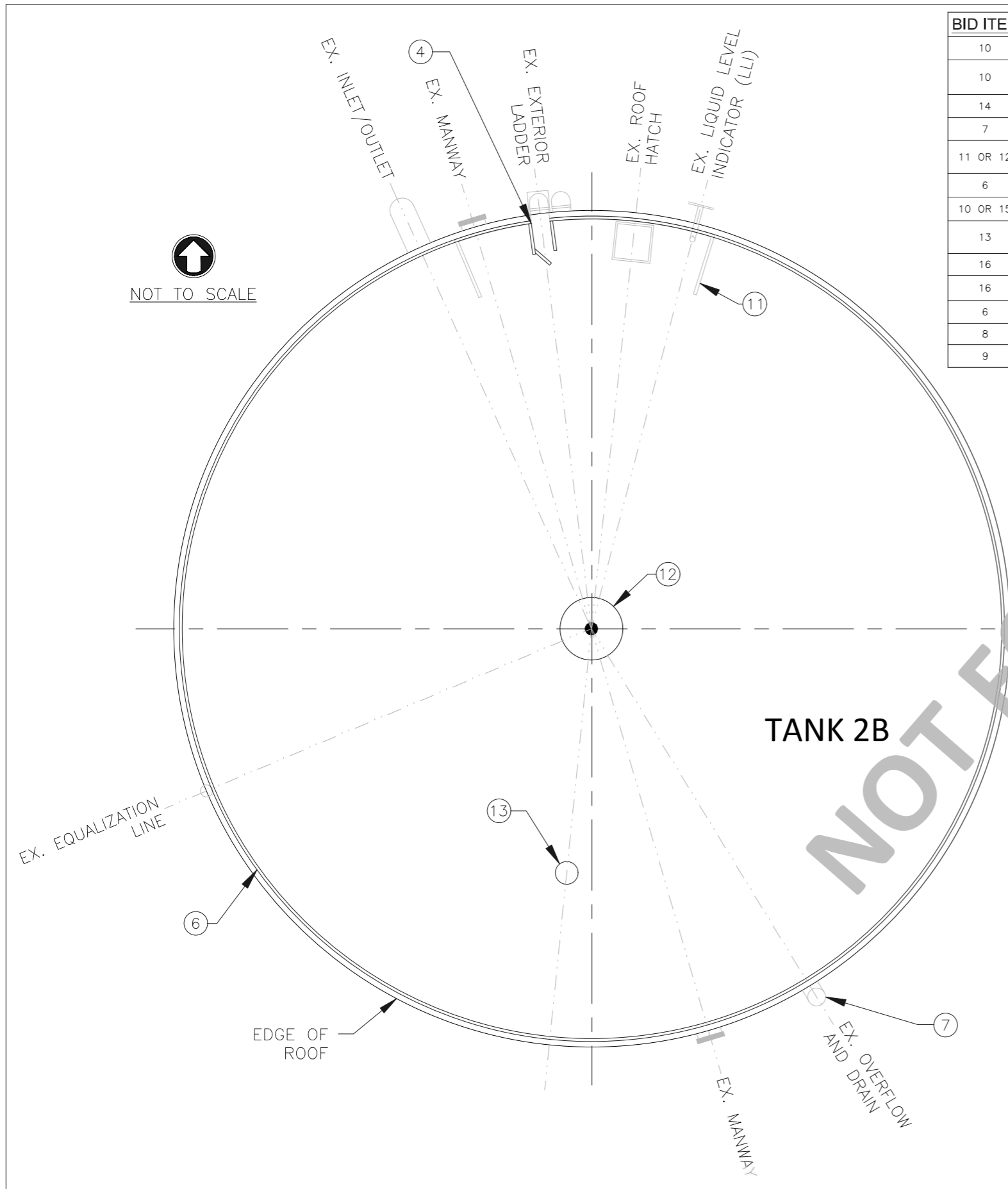
APPROVALS	REVIEWER	INITIAL	DATE
	WAS, DIVISION MANAGER	Greg Snyder	06.24.2024
	PM, DIVISION MANAGER		06.24.2024

IMPROVEMENT PLANS

APN. NO. 041526313
**TANK 2A AND 2B REHABILITATION PROJECT
COVER SHEET**

DWG NO. 30.30.0115
FILE NO. SDD-047
SHEET 1 OF 5

BID ITEM	CONSTRUCTION NOTES:	UNITS	TOTAL	TANK 2A	TANK 2B
10	1. REMOVE EXISTING ROOF HATCH AND PLATE OVER OPENING	LUMP SUM	1	1	0
10	2. FURNISH AND INSTALL A NEW 36" SQ. ROOF HATCH AT LOCATION NOTED ON THE PLANS PER DETAIL E, SHEET 4	LUMP SUM	1	1	0
14	3. FURNISH AND INSTALL NEW SECONDARY MANHOLE PER DETAIL B, SHEET 3	LUMP SUM	1	1	0
7	4. FURNISH AND INSTALL A SAFETY GATE AT THE LADDER ENTRANCE PER DETAIL F, SHEET 4	LUMP SUM	2	1	1
11 OR 12	5. FURNISH AND INSTALL A NEW INTERIOR LADDER WITH A FALL PREVENTION SYSTEM PER DETAIL A, SHEET 3	LUMP SUM	2	1	1
6	6. FURNISH AND INSTALL NEW PERIMETER GUARDRAILING PER DETAIL F, SHEET 4	LUMP SUM	2	1	1
10 OR 15	7. FURNISH AND INSTALL AN AIR BREAK IN THE OVERFLOW PIPE PER DETAILS C AND D, SHEET 3	LUMP SUM	2	1	1
13	8. REMOVE AND DISPOSE OF EXISTING EXTERIOR LADDER AND FURNISH AND INSTALL A NEW CAGED EXTERIOR LADDER PER DETAIL G, SHEET 5	LUMP SUM	1	1	0
16	9. REMOVE AND DISPOSE OF EXISTING LIQUID LEVEL INDICATOR AND PLATE OVER OPENINGS	LUMP SUM	1	1	0
16	10. FURNISH AND INSTALL A NEW LLI AND 1/2 TRAVEL GAUGE BOARD PER DETAIL I, SHEET 4	LUMP SUM	1	1	0
6	11. REMOVE AND DISPOSE OF EXISTING GUARDRAILING	LUMP SUM	2	1	1
8	12. REMOVE EXISTING VENT SCREENING AND FURNISH AND INSTALL NEW VENT SCREENING	LUMP SUM	2	1	1
9	13. FURNISH AND INSTALL NEW SECONDARY ROOF VENT PER DETAIL H, SHEET 4	LUMP SUM	2	1	1



NOT FOR BID

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BASIS OF BEARINGS:
 N/A



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 PREPARED UNDER THE SUPERVISION OF:
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 CIVIL
 R.C.E. 75535
 DATE: 10/5/2023

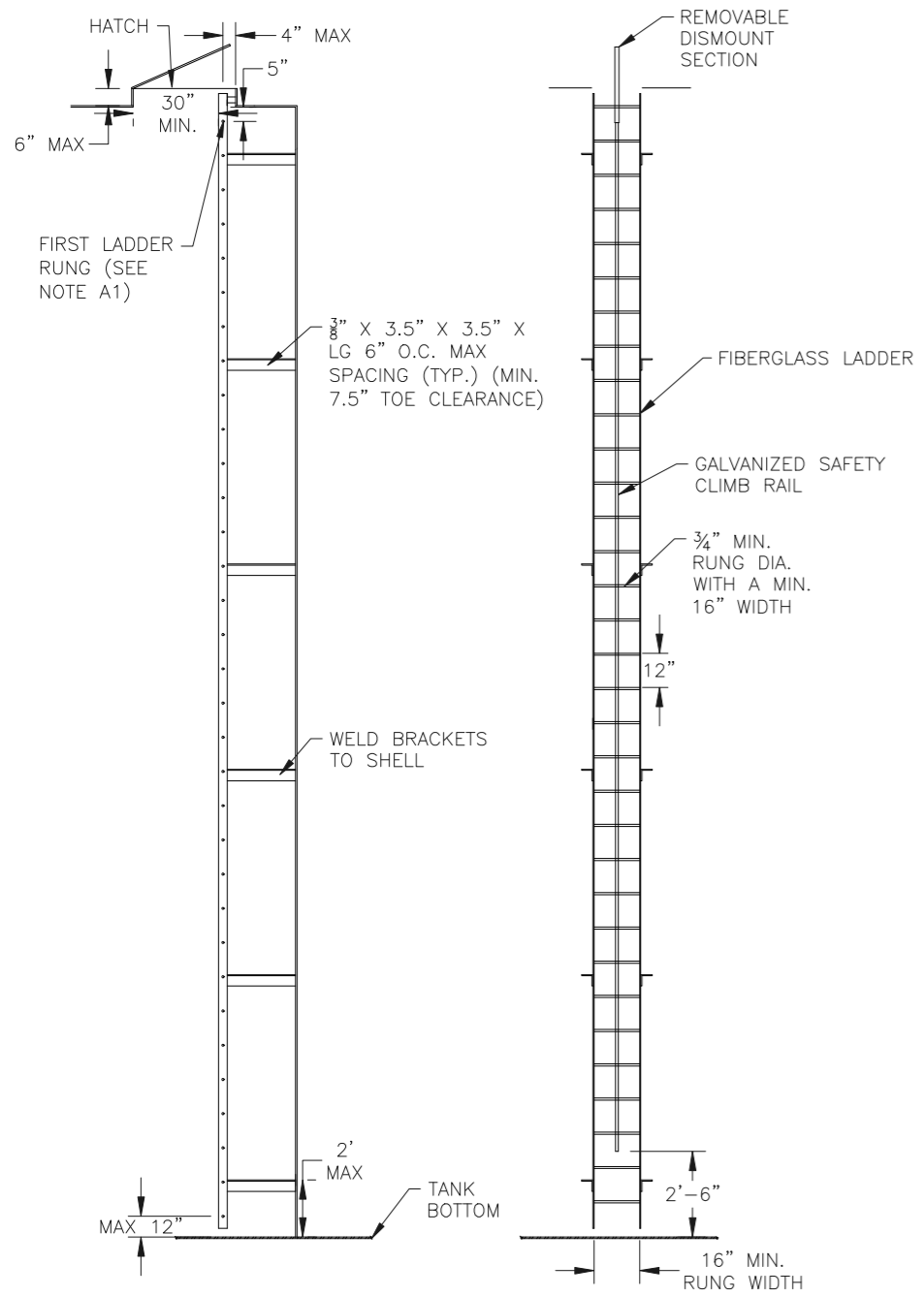
REVISIONS					
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PLANS APPROVED BY:
SAN BERNARDINO COUNTY - PUBLIC WORKS SPECIAL DISTRICTS
 David R. Doublet
 ASSISTANT DIRECTOR
 DATE: 06.24.2024

APPROVALS	REVIEWER	INITIAL	DATE
	WAS, DIVISION MANAGER	Greg Snyder	06.24.2024
	PM, DIVISION MANAGER	Paul Montoya	06.24.2024

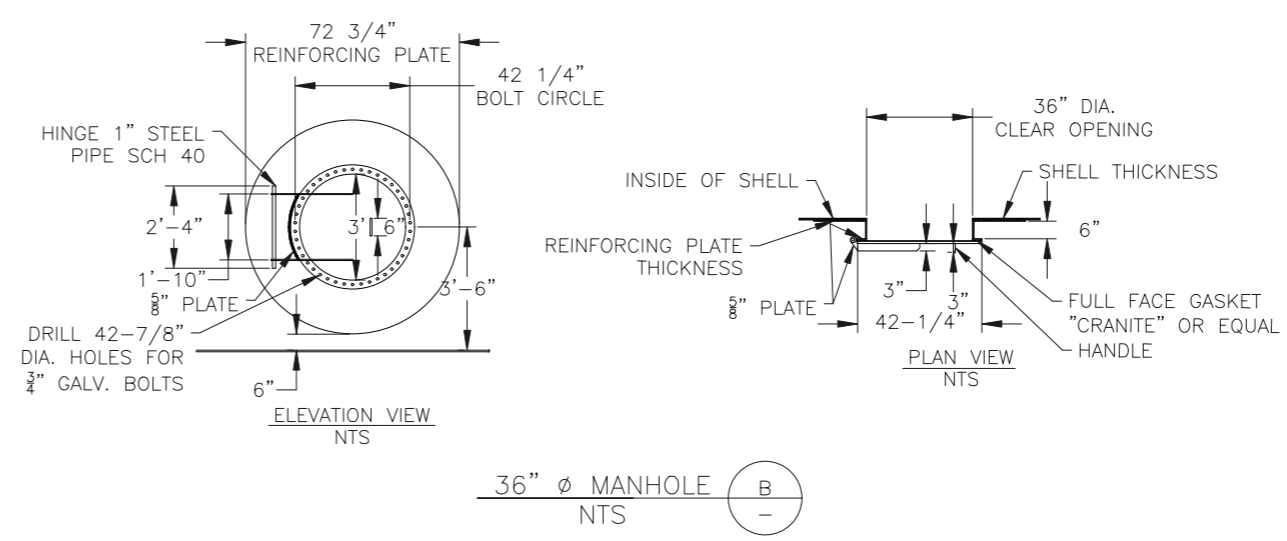
IMPROVEMENT PLANS
 APN. NO. 041526313
TANK 2A AND 2B REHABILITATION PROJECT
 TANK LAYOUT AND CONSTRUCTION NOTES

DWG NO. 30.30.0115
 FILE NO. SDD-047
 SHEET 2 OF 5

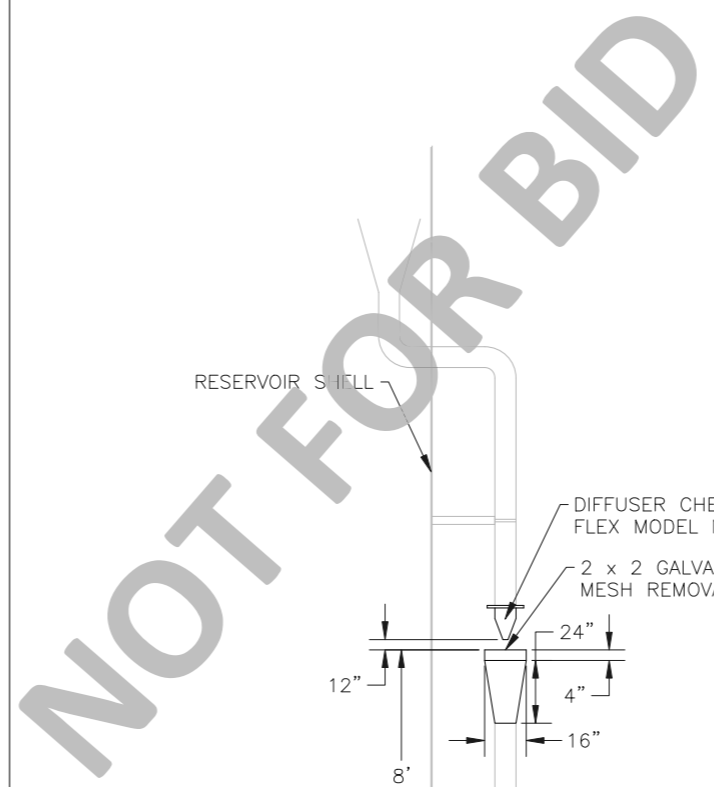


INTERIOR LADDER DETAIL
NTS (A)

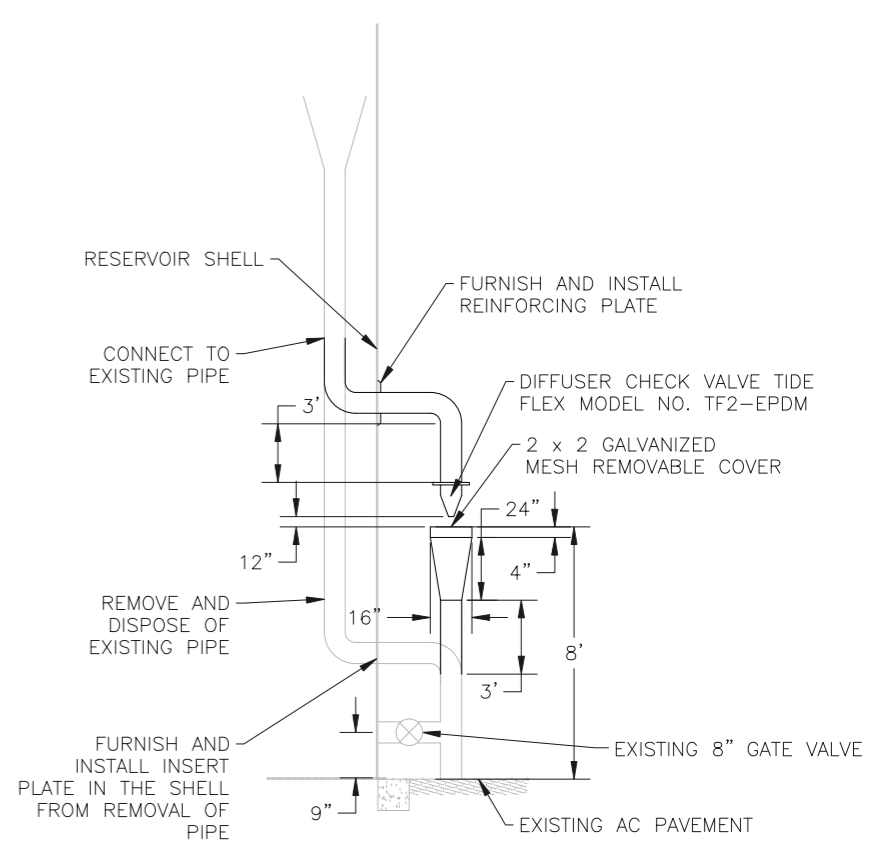
NOTE:
A1. FIRST LADDER RUNG SHALL BE LOCATED A MIN. OF 5" AND MAX 10" BELOW ROOF PLATE AND MIN. OF 8" FROM SHELL.



36" Ø MANHOLE
NTS (B)



OVERFLOW AIRBREAK DETAIL TANK 2A
NTS (C)



OVERFLOW AIRBREAK DETAIL TANK 2B
NTS (D)

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BASIS OF BEARINGS:
N/A



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909.850.1255
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JOANNA REMBIS R.C.E. 75535

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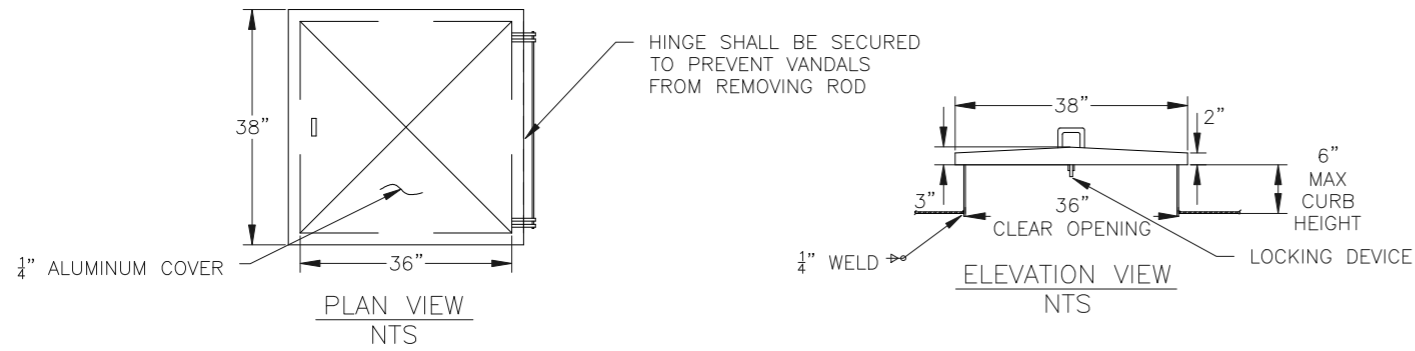
PLANS APPROVED BY:
SAN BERNARDINO COUNTY - PUBLIC WORKS
SPECIAL DISTRICTS

David R. Doublet
ASSISTANT DIRECTOR
06.24.2024

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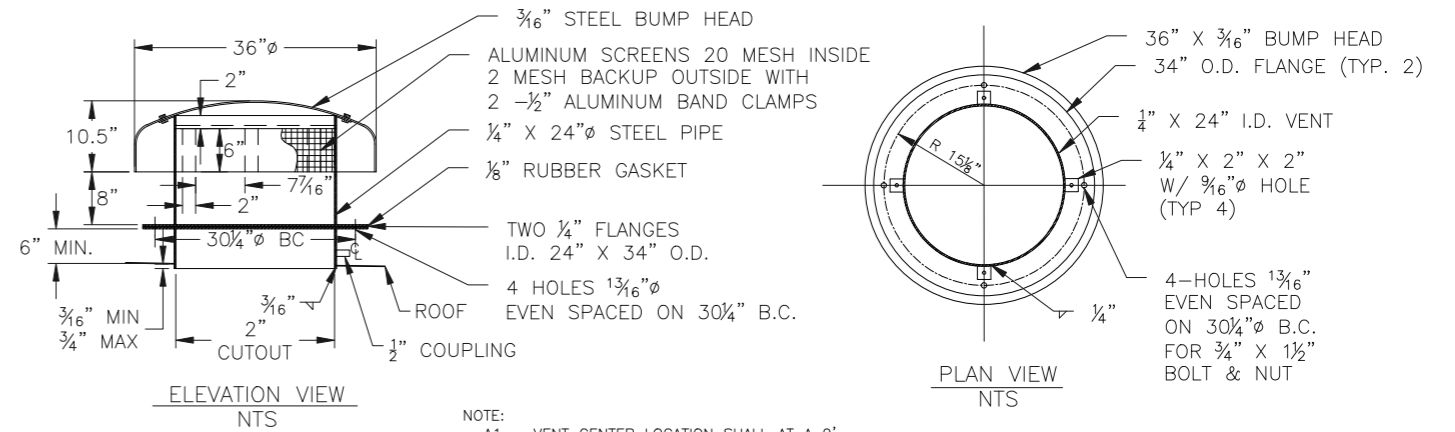
IMPROVEMENT PLANS
APN. NO. 041526313
TANK 2A AND 2B REHABILITATION PROJECT
INTERIOR LADDER, MANHOLE, AND
OVERFLOW AIRBREAK DETAILS

DWG NO. 30.30.0115
FILE NO. SDD-047
SHEET 3 OF 5



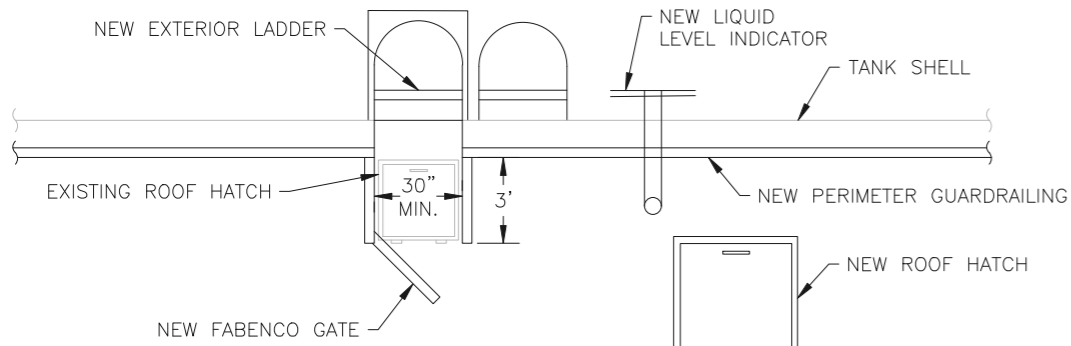
- NOTES:
 1. HATCH SHALL OPEN TOWARDS CENTER OF TANK
 2. NEW HATCH SHALL BE POSITIONED BETWEEN RAFTERS

ROOF HATCH DETAILS (E)
 NTS

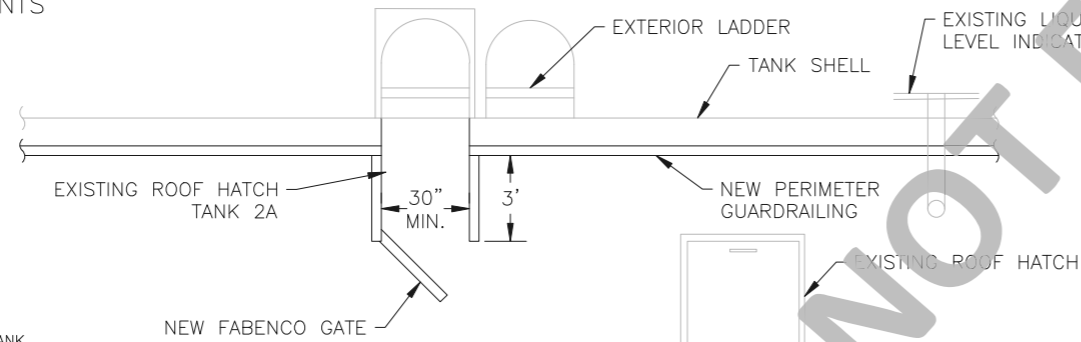


- NOTE:
 A1. VENT CENTER LOCATION SHALL AT A 9' RADIUS AND SHALL BE ADJUSTED AS NEEDED TO FIT BETWEEN STRUCTURAL MEMBERS.

24" AUXILIARY VENT (H)
 NTS

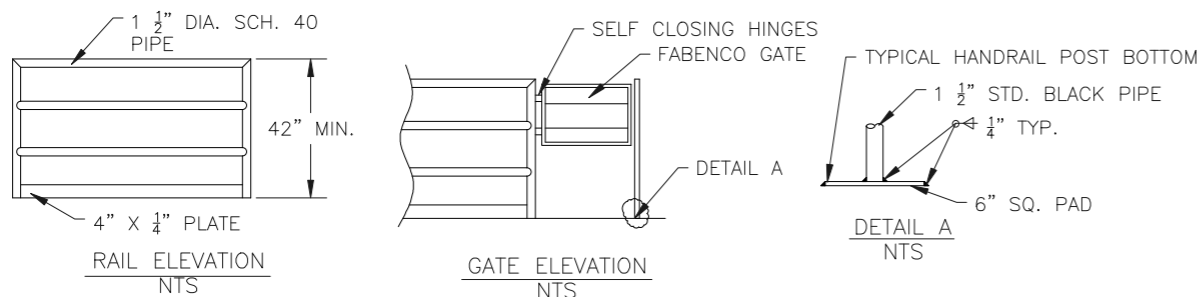


TANK 2A
 NTS

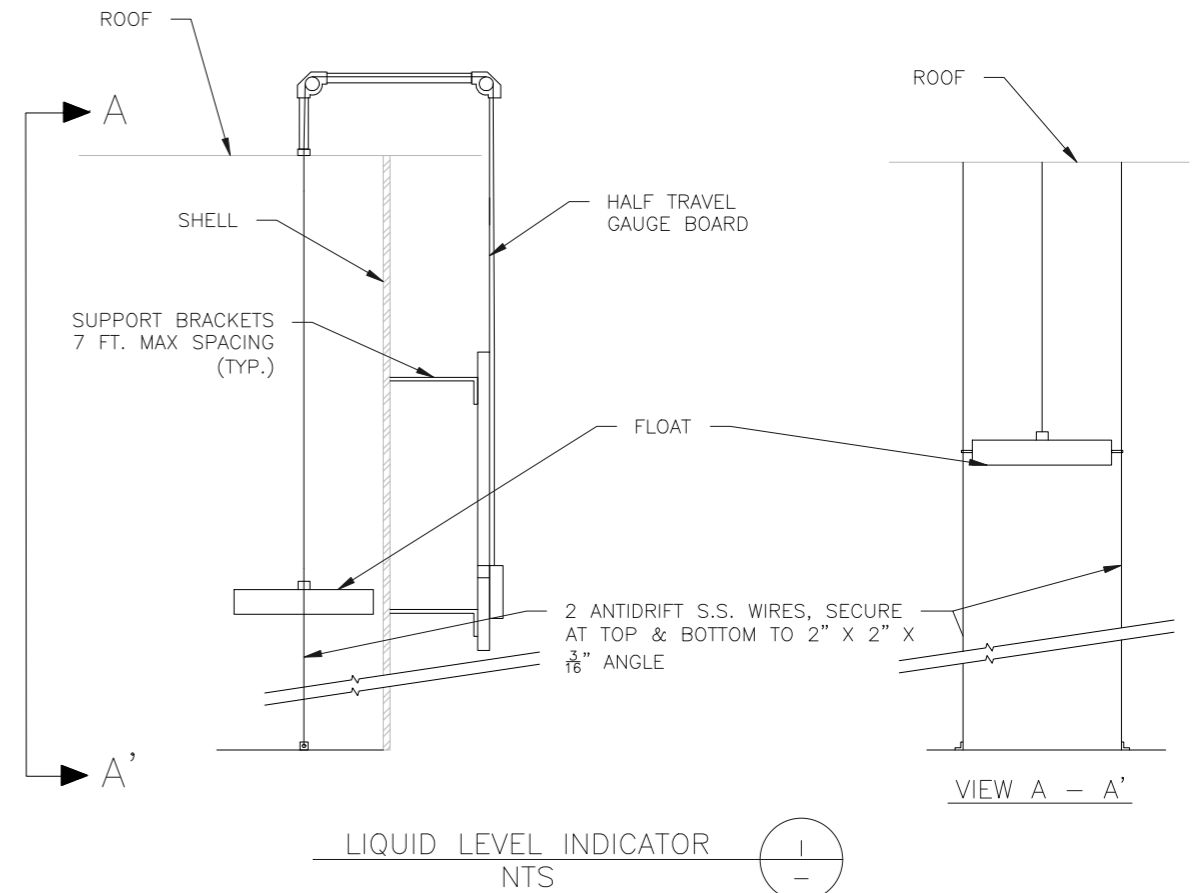


TANK 2B
 NTS

- NOTES:
 1. HATCH SHALL OPEN TOWARDS CENTER OF TANK
 2. NEW HATCH SHALL BE POSITIONED BETWEEN RAFTERS



GUARDRAILING DETAILS (F)
 NTS



LIQUID LEVEL INDICATOR (I)
 NTS

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 OR
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BENCHMARK:

N/A

BASIS OF BEARINGS:

N/A



ERSG
 1861 W. Redlands Blvd.
 Redlands, Ca. 92373
 909.800.1255
 Engineering Resources of Southern California
 PREPARED UNDER THE SUPERVISION OF:
 Joanna Rembis
 CIVIL ENGINEER
 STATE OF CALIFORNIA

JOANNA REMBIS R.C.E. 75535 DATE 10/5/2023

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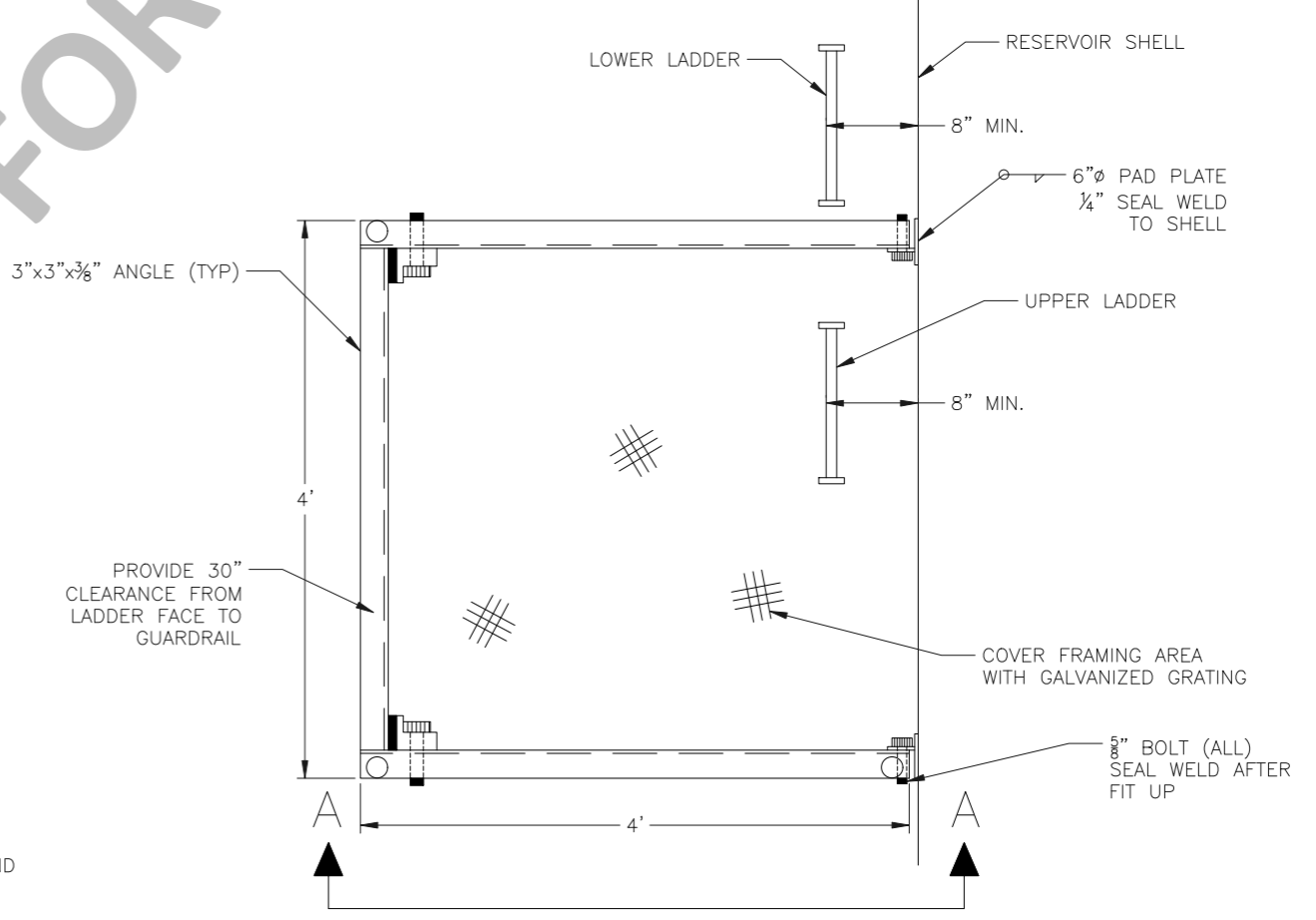
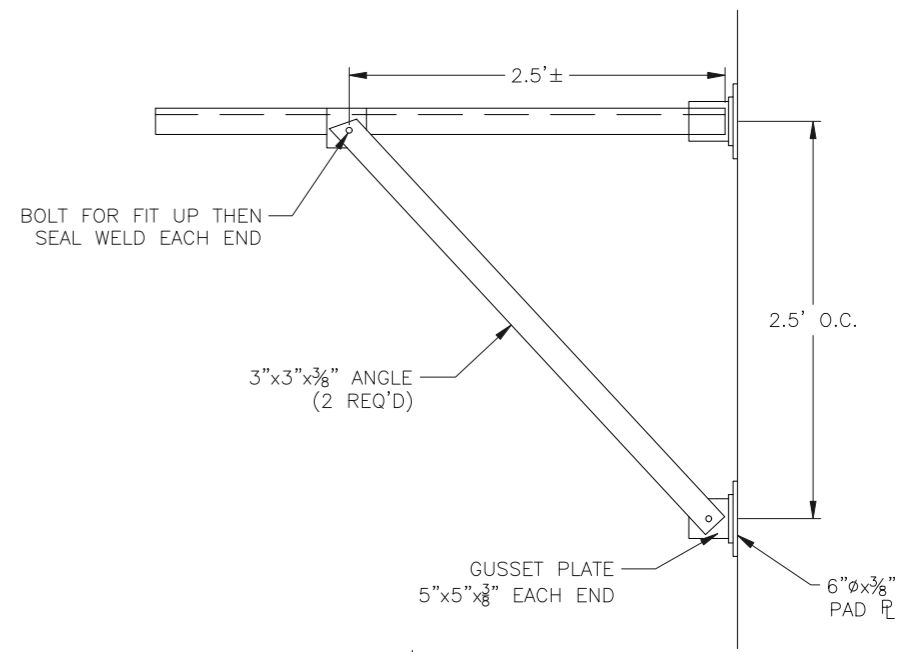
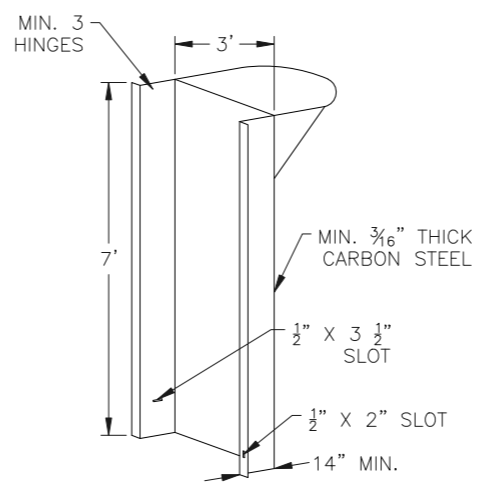
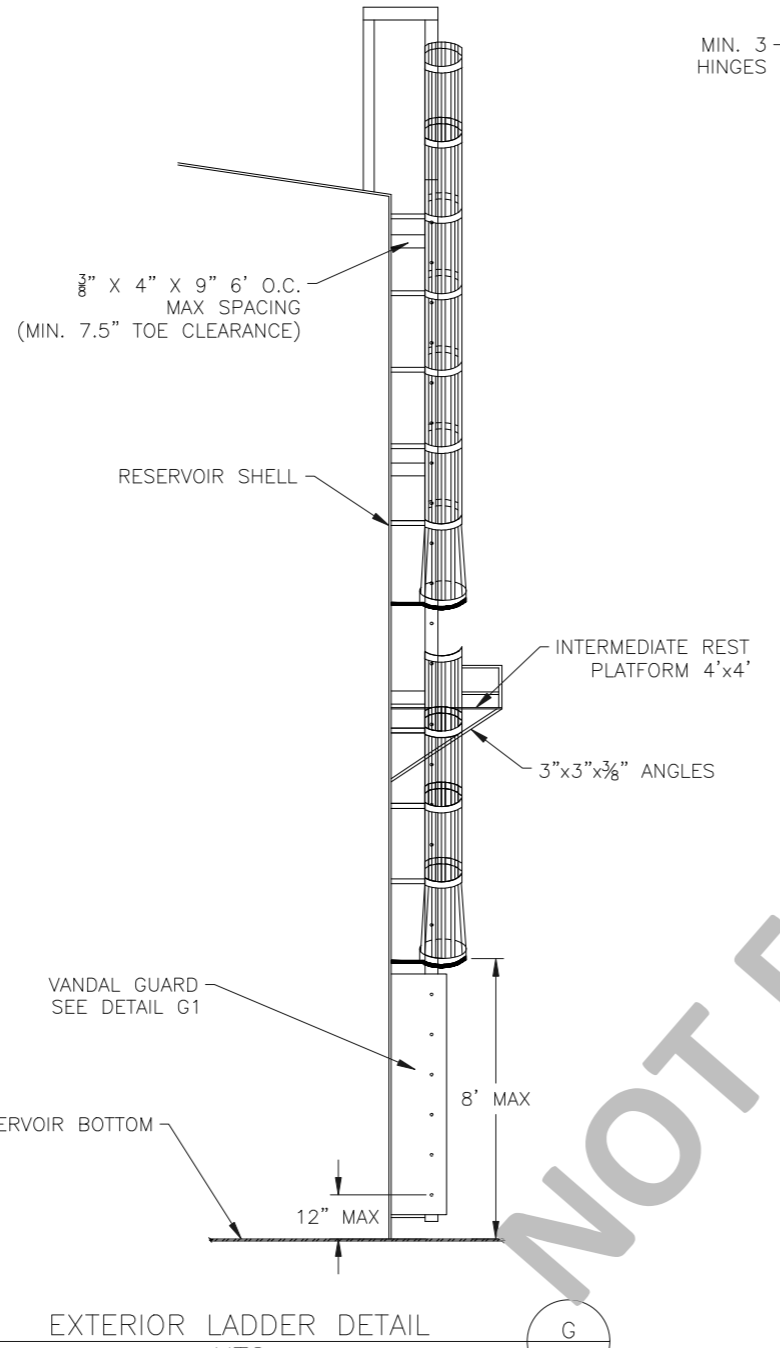
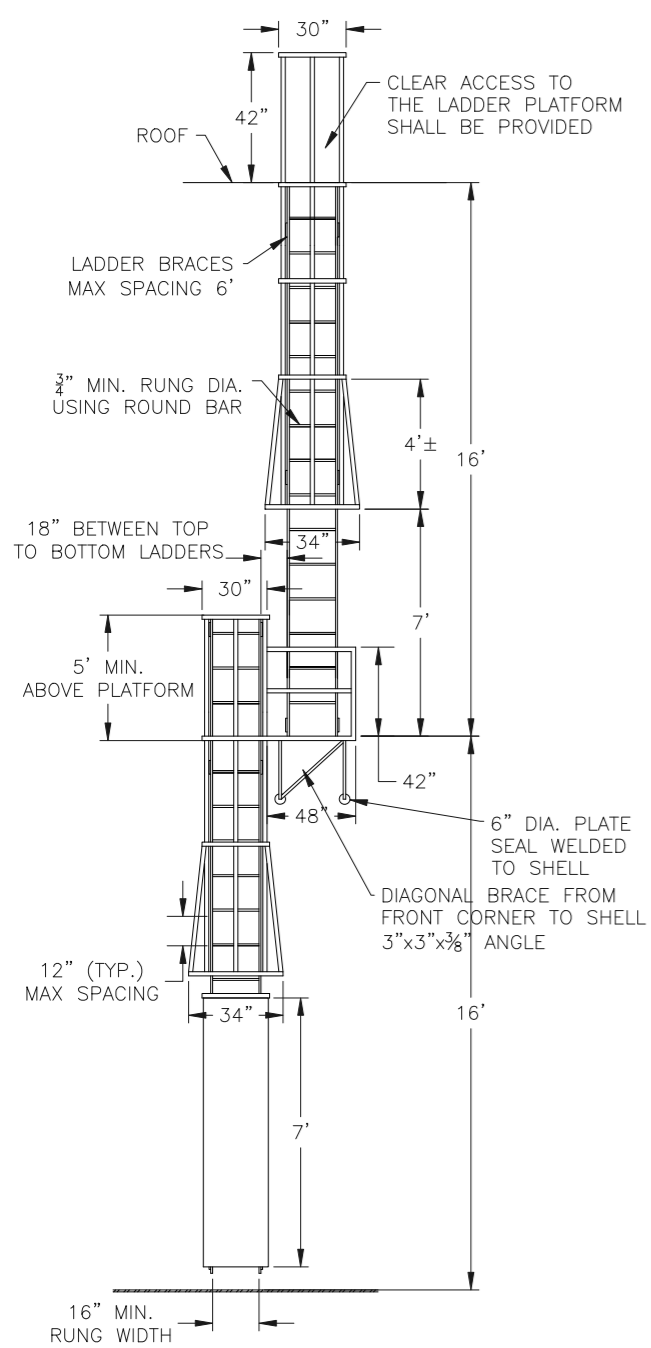
PLANS APPROVED BY:
SAN BERNARDINO COUNTY - PUBLIC WORKS SPECIAL DISTRICTS

David R. Doublet 06.24.2024
 ASSISTANT DIRECTOR

APPROVALS	REVIEWER	INITIAL	DATE

IMPROVEMENT PLANS
 APN. NO. 041526313
 TANK 2A AND 2B REHABILITATION PROJECT
 AUXILIARY VENT, GUARDRAILING, ROOF HATCH,
 LIQUID LEVEL INDICATOR

DWG NO. 30.30.0115
 FILE NO. SDD-047
 SHEET 4 OF 5



- NOTE:
- G1. VANDAL GUARD HINGES SHALL BE MCMASTER-CARR (PRODUCT# 1805A15) HEAVY DUTY SURFACE MOUNT HINGES WITH BEARINGS OR WELD-ON TEAR DROP HINGE 1/2" PIN X 6" LG. (V2A150) FROM JANSEN SUPPLY OR APPROVED EQUAL.
 - G2. PROVIDE CLEAR ACCESS FROM LADDER TO PLATFORM, NO TRIPPING HAZARDS SHALL BE PRESENT.
 - G3. LADDER VANDAL GUARD SHALL PROVIDE A CLEAR OPENING FOR A PERSON TO SAFELY ACCESS THE LADDER AND SHALL NOT IMPEDE ON THE LADDER AREA.
 - G4. FIELD WELD TWO FLATBAR CLIPS TO SHELL FOR VANDAL GUARD LOCK IN THE OPENED AND CLOSED POSITION AFTER VANDAL GUARD HAS BEEN INSTALLED IN PLACE WITH HINGES.

UNDERGROUND SERVICE ALERT

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 1-800-227-2600
 OR
 811
 TWO WORKING DAYS BEFORE YOU DIG

BENCHMARK:
 N/A

BASIS OF BEARINGS:
 N/A



ERSG
 Engineering Resources of Southern California
 1961 W. Redlands Blvd.
 Redlands, Ca. 92373
 909.850.1255
 PREPARED UNDER THE SUPERVISION OF:
 Joanna Rembis
 CIVIL
 STATE OF CALIFORNIA
 10/5/2023
 DATE

REVISIONS					
MARK	DATE	INITIAL	DESCRIPTION	APPR.	DATE

PLANS APPROVED BY:
SAN BERNARDINO COUNTY - PUBLIC WORKS SPECIAL DISTRICTS
 David R. Double
 ASSISTANT DIRECTOR
 06.24.2024
 DATE

APPROVALS	REVIEWER	INITIAL	DATE
	David Double		06.24.2024
	WAS, DIVISION MANAGER	Greg Snyder	06.24.2024
	PM, DIVISION MANAGER	Neil McManis	06.24.2024

IMPROVEMENT PLANS
 APN. NO. 041526313
TANK 2A AND 2B REHABILITATION PROJECT
 EXTERIOR LADDER DETAILS

DWG NO. 30.30.0115
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 SHEET 5 OF 5