



NORTH COAST RESOURCE PARTNERSHIP

2018/19 IRWM Project Application

The North Coast Resource Partnership (NCRP) 2018/19 Project Application Instructions and additional information can be found at the NCRP 2018/19 Project Solicitation webpage (<https://northcoastresourcepartnership.org/proposition-1-irwm-round-1-implementation-funding-solicitation/>). Please fill out grey text boxes and select all the check boxes that apply to the project. Application responses should be clear, brief and succinct.

Project Applications will be accepted until 5:00 pm, March 8, 2019 March 15, 2019. It is important to save the application file with a distinct file name that references the project name. When the application is complete, please email to kgledhill@westcoastwatershed.com

If you have questions, need additional information or proposal development assistance please contact:

- Katherine Gledhill at kgledhill@westcoastwatershed.com or 707.795.1235
- Tribal Projects: Sherri Norris, NCRP Tribal Coordinator at sherri@cieaweb.org or 510.848.2043

Project Name: Pacific Reefs Water District Water Tank Replacement

A. ORGANIZATION INFORMATION

1. Organization Name: Pacific Reefs Water District (PRWD)

2. Contact Name/Title

Name: John Hall

Title: Property Owner/Formal District Board President

Email: jfhall100@gmail.com

Phone Number (include area code): 707-937-9907

3. Organization Address (City, County, State, Zip Code):

PO Box 314, Albion, CA. 95410

4. Organization Type

☒ Public agency

- ☐ Non-profit organization
- ☐ Public utility
- ☐ Federally recognized Indian Tribe
- ☐ California State Indian Tribe listed on the Native American Heritage Commission's California Tribal Consultation List
- ☐ Mutual water company
- ☐ Other:

5. Authorized Representative (if different from the contact name)

Name: Robert Cutler
 Title: PRWD Board Member
 Email: robert.cutler@attglobal.net
 Phone Number (include area code): 707-937-2234

6. Has the organization implemented similar projects in the past? ☒ yes ☐ no

Briefly describe these previous projects.

Replacement of water and electrical supply lines from spring source to treatment facilities, and installation of water system filtration improvements.

Installation of two temporary 5,000 gallon water tanks as back up storage in case PRWD's redwood tank fails before PRWD secures funding to replace their primary water tank that already failed.

7. List all projects the organization is submitting to the North Coast Resource Partnership for the 2018/19 Project Solicitation in order of priority.

Replace failed water storage tank (PRWD's 40,000 gallon tank collapsed in 2013).

8. Organization Information Notes:

PRWD is a small public agency, established in 1964, consisting of 24 properties. It is governed by an all-volunteer Board and contracts for water operation and maintenance services.

B. ELIGIBILITY

1. North Coast Resource Partnership and North Coast IRWM Objectives

GOAL 1: INTRAREGIONAL COOPERATION & ADAPTIVE MANAGEMENT

☒ Objective 1 - Respect local autonomy and local knowledge in Plan and project development and implementation

☐ Objective 2 - Provide an ongoing framework for inclusive, efficient intraregional cooperation and effective, accountable NCIRWMP project implementation

☐ Objective 3 - Integrate Traditional Ecological Knowledge in collaboration with Tribes to incorporate these practices into North Coast Projects and Plans

GOAL 2: ECONOMIC VITALITY

☒ Objective 4 - Ensure that economically disadvantaged communities are supported and that project implementation enhances the economic vitality of disadvantaged communities by improving built and natural infrastructure systems and promoting adequate housing

☐ Objective 5 - Conserve and improve the economic benefits of North Coast Region working landscapes and natural areas

GOAL 3: ECOSYSTEM CONSERVATION AND ENHANCEMENT

☐ Objective 6 – Conserve, enhance, and restore watersheds and aquatic ecosystems, including functions, habitats, and elements that support biological diversity

☐ Objective 7 - Enhance salmonid populations by conserving, enhancing, and restoring required habitats and watershed processes

GOAL 4: BENEFICIAL USES OF WATER

☒ Objective 8 - Ensure water supply reliability and quality for municipal, domestic, agricultural, Tribal, and recreational uses while minimizing impacts to sensitive resources

☒ Objective 9 - Improve drinking water quality and water related infrastructure to protect public health, with a focus on economically disadvantaged communities

☐ Objective 10 - Protect groundwater resources from over-drafting and contamination

GOAL 5: CLIMATE ADAPTATION & ENERGY INDEPENDENCE

☒ Objective 11 - Address climate change effects, impacts, vulnerabilities, and strategies for local and regional sectors to improve air and water quality and promote public health

☐ Objective 12 - Promote local energy independence, water/ energy use efficiency, GHG emission reduction, and jobs creation

GOAL 6: PUBLIC SAFETY

☐ Objective 13 - Improve flood protection and reduce flood risk in support of public safety

2. Does the project have a minimum 15-year useful life?

☒ yes ☐ no

If no, explain how it is consistent with Government Code 16727.

3. Other Eligibility Requirements and Documentation

CALIFORNIA GROUNDWATER MANAGEMENT SUSTAINABILITY COMPLIANCE

a) Does the project that directly affect groundwater levels or quality?

☐ yes ☒ no

b) If Yes, will the organization be able to provide compliance documentation outlined in the instructions, to include in the NCRP Regional Project Application should the project be selected as a Priority Project?

☐ yes ☐ no

CASGEM COMPLIANCE

a) Does the project overlie a medium or high groundwater basin as prioritized by DWR?

☐ yes ☒ no

b) If Yes, list the groundwater basin and CASGEM priority:

c) If Yes, please specify the name of the organization that is the designated monitoring entity:

d) If there is no monitoring entity, please indicate whether the project is wholly located in an economically disadvantaged community.

☒ yes ☐ no

URBAN WATER MANAGEMENT PLAN

- a) Is the organization required to file an Urban Water Management Plan (UWMP)?
☐ yes ☒ no
- b) If Yes, list the date the UWMP was approved by DWR:
- c) Is the UWMP in compliance with AB 1420 requirements?
☐ yes ☐ no
- d) Does the urban water supplier meet the water meter requirements of CWC 525?
☐ yes ☐ no
- c) If Yes, will the organization be able to provide compliance documentation outlined in the instructions, to include in the NCRP Regional Project Application should the project be selected as a Priority Project?
☐ yes ☐ no

AGRICULTURAL WATER MANAGEMENT PLAN

- a) Is the organization – or any organization that will receive funding from the project – required to file an Agricultural Water Management Plan (AWMP)?
☐ yes ☒ no
- b) If Yes, list date the AWMP was approved by DWR:
- c) Does the agricultural water supplier(s) meet the requirements in CWC Part 2.55 Division 6?
☐ yes ☐ no

SURFACE WATER DIVERSION REPORTS

- a) Is the organization required to file surface water diversion reports per the requirements in CWC Part 5.1 Division 2?
☐ yes ☒ no
- d) If Yes, will the organization be able to provide SWRCB verification documentation outlined in the instructions, to include in the NCRP Regional Project Application should the project be selected as a Priority Project?
☐ yes ☐ no

STORM WATER MANAGEMENT PLAN

- a) Is the project a stormwater and/or dry weather runoff capture project?
☐ yes ☒ no
- b) If yes, does the project benefit a Disadvantaged Community with a population of 20,000 or less?
☐ yes ☐ no
- e) If No, will the organization be able to provide documentation that the project is included in a Stormwater Resource Plan that has been incorporated into the North Coast IRWM Plan, should the project be selected as a Priority Project?
☐ yes ☐ no

C. GENERAL PROJECT INFORMATION

1. Project Name: Pacific Reefs Water District Water Tank Replacement

2. Eligible Project Type under 2018/19 IRWM Grant Solicitation

- ☐ Water reuse and recycling for non-potable reuse and direct and indirect potable reuse
- ☒ Water-use efficiency and water conservation
- ☒ Local and regional surface and underground water storage, including groundwater aquifer cleanup or recharge projects
- ☐ Regional water conveyance facilities that improve integration of separate water systems
- ☒ Watershed protection, restoration, and management projects, including projects that reduce the risk of wildfire or improve water supply reliability
- ☐ Stormwater resource management projects to reduce, manage, treat, or capture rainwater or stormwater
- ☐ Stormwater resource management projects that provide multiple benefits such as water quality, water supply, flood control, or open space
- ☐ Decision support tools that evaluate the benefits and costs of multi-benefit stormwater projects
- ☐ Stormwater resource management projects to implement a stormwater resource plan
- ☐ Conjunctive use of surface and groundwater storage facilities
- ☐ Decision support tools to model regional water management strategies to account for climate change and other changes in regional demand and supply projections
- ☐ Improvement of water quality, including drinking water treatment and distribution, groundwater and aquifer remediation, matching water quality to water use, wastewater treatment, water pollution prevention, and management of urban and agricultural runoff
- ☐ Regional projects or programs as defined by the IRWM Planning Act (Water Code §10537)
- ☐ Other:

3. Project Abstract

PRWD's water system had two water storage tanks with 60,000 gallons of storage capacity. In 2013, their primary 40,000 gallon tank failed (it collapsed). Their 20,000 gallon redwood tank is near the end of its useful life - it periodically leaks and the condition of the floor is of concern. After the primary tank failed, PRWD increased its property assessment to fund purchase of two 5,000 gallon plastic tanks as a temporary measure to bridge until a new tank is constructed.

4. Project Description

The purpose of this project is to address failure of the 40,000 gallon water storage tank and the necessary replacement of the 20,000 gallon Redwood water storage tank in one cost-effective project.

PRWD proposes to install a 52,000 gallon "Glass Fused to Steel" water storage tank, and retain the two 5,000 gallon plastic water tanks (originally installed as a temporary measure). The new tank will be plumbed into the existing system with the two 5,000 gallon plastic tanks, which together, will provide a year-round reliable water supply to PRWD's water distribution system as well as other benefits.

The purpose of this project is to: 1) ensure water supply reliability to PRWD's residents, including at full build-out of this small coastal community, 2) ensure local resiliency to drought conditions, 3) provide adequate water supply for fire protection to PRWD residents, and 4) replace storage volume lost to tank failure and to support that section of the Mendocino coast for the Albion Little River Fire Protection District to get water for wildland and neighboring community firefighting efforts. The Albion Little River Fire Protection District supports this project and has provided PRWD a letter of support. This project provides significant water supply benefits to PRWD as well as surrounding areas.

The project consists of the following components:

- Remove old redwood water tank and concrete pad (to be done by PRWD)
- Install foundation pad for new tank
- Install new water tank (52,000 gallons)-see project general informational spec sheet
- install associated plumbing, electrical and control equipment to tie into PRWD's existing system.

5. Specific Project Goals/Objectives

Goal 1: Provide reliable safe drinking water to community .

Goal 1 Objective: Ensure supply reliability to existing PRWD residents.

Goal 1 Objective: Ensure District readiness for full build-out of PRWD community.

Goal 1 Objective:

Goal 1 Objective:

Goal 2: Improve summer-season water supply reliability and drought resiliency.

Goal 2 Objective: Capture more source water throughout the year to ensure spring source meets community's daily demand and to achieve drought resiliency.

Goal 2 Objective: Provide more storage capability for community to better withstand drought conditions.

Goal 2 Objective:

Goal 2 Objective:

Goal 3: Decrease chance of loss of life, property and regional landscapes due to fires

Goal 3 Objective: provide adequate water to fight structure fires in PRWD and adjacent communities

Goal 3 Objective: provide water storage that the Albion Little River Fire Protection District can access to fight wildland fires

Goal 3 Objective:

Additional Goals & Objectives (List)

6. Describe how the project addresses the North Coast Resource Partnership and North Coast IRWM Plan Goals and Objectives selected.

The project addresses Goal 1, Objective 1 (respecting local autonomy and local knowledge). The project scope has been developed by PRWD, in consultation with neighboring communities, the local fire department and Mendocino Planning Department. It meets the immediate needs of PRWD and supports local needs in adjoining communities.

The project addresses Goal 2, Objective 4, (economic vitality and ensuring disadvantaged communities are supported). The project improves infrastructure to ensure adequate and reliable drinking water to a DAC.

The project addresses Goal 4, Objectives 8 and 9 (water supply reliability and improving water infrastructure) by replacing critical water system infrastructure (a storage tank that already failed and another that periodically leaks and near the end of its useful life).

7. Describe the need for the project.

This project addresses failure of the system's 40,000 gallon water storage tank and the impending need to replace the 20,000 gallon Redwood storage tank (that is near the end of its useful life).

Pacific Reefs was established in 1964 and infrastructure improvements were installed shortly thereafter. The water system is approximately 50 plus years old and approaching the end of its lifespan. Other components of the water system (water mains and fire hydrants) need to be addressed relatively soon. PRWD has increased its annual assessment to address aging infrastructure. However, much of the increased revenue has been used to address state-required water system improvements to PRWD. Additionally, PRWD has had to replace source water supply lines, plus install two temporary storage tanks given failure of the main tank.

8. List the impaired water bodies (303d listing) that the project benefits:

None

9. Will this project mitigate an existing or potential Cease and Desist Order or other regulatory compliance enforcement action? ☐ yes ☒ no

If so, please describe?

10. Describe the population served by this project.

30 residents

11. Does the project provide direct water-related benefits to a project area comprised of Disadvantaged Communities or Economically Distressed Communities?

- ☒ Entirely
- ☐ Partially
- ☐ No

List the Disadvantaged Community(s) (DAC)

PRWD water customers as well as neighboring communities who may benefit.

12. Does the project provide direct water-related benefits to a project area comprised of Severely Disadvantaged Communities (SDAC)?

- ☐ Entirely
- ☐ Partially
- ☒ No

List the Severely Disadvantaged Community(s)

PRWD and adjacent communities on Mendocino County coast

13. Does the project provide direct water-related benefits to a Tribe or Tribes?

- ☐ Entirely
- ☐ Partially
- ☒ No

List the Tribal Community(s)

If yes, please provide evidence of support from each Tribe listed as receiving these benefits.

- 14. If the project provides benefits to a DAC, EDA or Tribe, explain the water-related need of the DAC, EDA or Tribe and how the project will address the described need.**

Completion of this project assures adequate storage and drinking water supply for a DAC.

- 15. Does the project address and/or adapt to the effects of climate change? Does the project address the climate change vulnerabilities in the North Coast region?** ☒ yes ☐ no

If yes, please explain.

This project address changes in precipitation patterns providing storage for dry periods that may result from climate change. Increases the water storage available to the Albion Little River Fire Protection District. They will have additional water to use for wildland fires and structure fires in PRWD and immediatley adjacent rural communities.

- 16. Describe how the project contributes to regional water self-reliance.**

This project assures a reliable drinking water supply for a DAC community on the Mendocino coast. It provides adequate storage to take advantage of the spring source water in which supply and treatment improvements have already been made per State Health Department/State Water Resource Control Board.

- 17. Describe how the project benefits salmonids, other endangered/threatened species and sensitive habitats.**

None.

- 18. Describe local and/or political support for this project.**

Albion Little River Fire Protection District supports the project.

Mendocino County Planning Department has been consulted and is helping with permitting aspects of the project.

- 19. List all collaborating partners and agencies and nature of collaboration.**

- 20. Is this project part or a phase of a larger project?** ☐ yes ☒ no
Are there similar efforts being made by other groups? ☐ yes ☒ no
If so, please describe?

- 21. Describe the kind of notification, outreach and collaboration that has been done with the County(ies) and/or Tribes within the proposed project impact area, including the source and receiving watersheds, if applicable.**

None

- 22. Describe how the project provides a benefit that meets at least one of the Statewide Priorities as defined in the 2018 IRWM Grant Program Guidelines and Tribal priorities as defined by the NCRP?**

This project addresses three of the state-wide priorities:

- 1) Manage and Prepare for Dry Periods - adequate water system storage is necessary to collect and store source water supplies during summer dry periods, especially drought periods.
- 2) Expand Water Storage Capacity - this project does not expand storage capacity, rather replaces capacity which has already been lost (due to failed water tank).
- 3) Provide Safe Water for all Communities - this project ensures a reliable supply of safe drinking water for this and possibly neighboring community.

23. Project Information Notes:

D. PROJECT LOCATION

1. Describe the location of the project

Geographical Information

39.213386, -123.773176

2. Site Address (if relevant):

PRWD is located west of State route 1 at mile marker 43 in Mendocino County, at the south end of the Salmon Creek Bridge.

3. Does the applicant have legal access rights, easements, or other access capabilities to the property to implement the project?

☒ Yes If yes, please describe

☐ No If No, please provide a clear and concise narrative with a schedule, to obtain necessary access.

☐ NA If NA, please describe why physical access to a property is not needed.

PRWD has legal ownership and easements for District use at all locations for the proposed project.

4. Project Location Notes:

E. PROJECT TASKS, BUDGET AND SCHEDULE

1. Projected Project Start Date: 3/1/20

Anticipated Project End Date: 3/30/21

2. Will CEQA be completed within 6 months of Final Award?

☐ Yes

State Clearinghouse Number:

☒ NA, Project is exempt from CEQA

☐ NA, Not a Project under CEQA

☐ NA, Project benefits entirely to DAC, EDA or Tribe, or is a Tribal local sponsor. [Projects providing a water-related benefit entirely to DACs, EDAs, or Tribes, or projects implemented by Tribes are exempt from this requirement].

☐ No

3. Please complete the CEQA Information Table below

Indicate which CEQA steps are currently complete and for those that are not complete, provide the estimated date for completion.

CEQA STEP	COMPLETE? (y/n)	ESTIMATED DATE TO COMPLETE
Initial Study		
Notice & invitation to consult sent to Tribes per AB52		
Notice of Preparation		
Draft EIR/MND/ND		
Public Review		
Final EIR/MND/ND		
Adoption of Final EIR/MND/ND		
Notice of Determination		
N/A - not a CEQA Project		

If additional explanation or justification of the timeline is needed or why the project does not require CEQA, please describe.

This project - replacement of existing water tanks - is Categorically Exempt per CEQA Article 19, Section 15300

4. Will all permits necessary to begin construction be acquired within 6 months of Final Award?

☒ Yes

☐ NA, Project benefits entirely to DAC, EDA, Tribe, or is a Tribal local sponsor

☐ No

5. PERMIT ACQUISITION PLAN

Type of Permit	Permitting Agency	Date Acquired or Anticipated
Building permit	Mendocino Planning Dept.	6/1/20
Coastal Development Permit (CDP per Local Coastal Plan)	Mendocino Planning Dept.	12/1/19

For permits not acquired: describe actions taken to date and issues that may delay acquisition of permit.

6. Describe the financial need for the project.

PRWD is a very small District that does not have the means to fund major projects. PRWD raised its annual property assessment (twice in last 3 years) in attempt to build reserves for infrastructure needs. The increased revenue collected thus far has been used to address improvements to PRWD's source

water supply lines and treatment, plus install two temporary storage tanks given failure of their main tank.

PRWD needs financial assistance to restore its lost storage capacity.

7. Is the project budget scalable? ☐ yes ☒ no

Describe how a scaled budget would impact the overall project.

8. Describe the basis for the costs used to derive the project budget according to each budget category.

Costs are based on a quote provided by a water tank supplier experienced in installing tanks of this nature within the region. Additionally cost support was provided by a licensed civil engineer through the NCRP technical assistance program.

9. Provide a narrative on cost considerations including alternative project costs.

Plastic tanks were considered briefly, but dismissed as best solution to provide necessary water storage capacity. PRWD believes the glass fused steel tank offers a much longer life span which would relieve PRWD from having to re- address this financially for a much longer time.

10. List the sources of non-state matching funds, amounts and indicate their status.

PRWD will be responsible for the costs of redwood tank and foundation demolition.

11. List the sources and amount of state matching funds.

None

12. Cost Share Waiver Requested (DAC or EDA)? ☒ yes ☐ no

Cost Share Waiver Justification: Describe what percentage of the proposed project area encompasses a DAC/EDA, how the community meets the definition of a DAC/EDA, and the water-related need of the DAC/EDA that the project addresses. In order to receive a cost share waiver, the applicant must demonstrate that the project will provide benefits that address a water-related need of a DAC/EDA. PRWD is located in an area designated entirely as a DAC. Replacement of the lost water storage capacity will ensure water supply reliability and drought resiliency to a DAC.

13. Major Tasks, Schedule and Budget for NCRP 2018 IRWM Project Solicitation

Please complete MS Excel table available at <https://northcoastresourcepartnership.org/proposition-1-irwm-round-1-implementation-funding-solicitation/>; see instructions for submitting the required excel document with the application materials.

14. Project Tasks, Budget and Schedule Notes:

PRWD will provide in-kind administration support for the project.

F. PROJECT BENEFITS & JUSTIFICATION

1. Does the proposed project provide physical benefits to multiple IRWM regions or funding area(s)?

☐ yes ☒ no

If Yes, provide a description of the impacts to the various regions.

2. **Provide a narrative for project justification. Include any other information that supports the justification for this project, including how the project can achieve the claimed level of benefits. List any studies, plans, designs or engineering reports completed for the project. *Please see the instructions for more information about submitting these documents with the final application.***
As described above, the project is needed to replace lost water storage for the PRWD, a disadvantaged community.

3. **Does the project address a contaminant listed in AB 1249 (nitrate, arsenic, perchlorate, or hexavalent chromium)?** ☐ yes ☒ no
If yes, provide a description of how the project helps address the contamination.

4. **Does the project provide safe, clean, affordable, and accessible water adequate for human consumption, cooking, and sanitary purposes consistent with AB 685?** ☒ yes ☐ no
If Yes, please describe.
AB 685 states "This bill would declare that it is the established policy of the state that every human being has the right to safe, clean, affordable, and accessible water adequate for human consumption, cooking, and sanitary purposes." The proposed project addresses safe, clean, affordable, and accessible water adequate for human consumption, cooking, and sanitary purposes for PRWD residents as well as future PRWD members such as Nonella Lane residents.

5. **Does the project employ new or innovative technologies or practices, including decision support tools that support the integration of multiple jurisdictions, including, but not limited to, water supply, flood control, land use, and sanitation?** ☐ yes ☒ no
If Yes, please describe.

6. **For each of the Potential Benefits that the project claims complete the following table to describe an estimate of the benefits expected to result from the proposed project. [See the NCRP Project Application Instructions, Potential Project Benefits Worksheet and background information to help complete the table. The NCRP Project Application, Attachment B includes additional guidance, source materials and examples from North Coast projects.]**

PROJECT BENEFITS TABLE

Potential Benefits Description	Physical Amt of Benefit	Physical Units	Est. Economic Value per year	Economic Units
Water Supply				
Increased Water Supply Reliability	Restore Capacity	52,000 gallons		Gallons stored
Avoided Water Supply Purchase	no water	\$1430/10K	Cost of	Dollars

Potential Benefits Description	Physical Amt of Benefit	Physical Units	Est. Economic Value per year	Economic Units
	delivery	water	\$52,000/year	
Avoided Costs Associated with Emergency Repairs	Added PRWD reserves		Variable	Dollars
Water Quality				
Other Ecosystem Service Benefits				
Other Benefits				
Enhanced fire-fighting capability in greater community				
Reduced risk of wildfire				
Reduced operations and maintenance costs				

7. Project Justification & Technical Basis Notes:

Major Tasks, Schedule and Budget for North Coast Resource Partnership 2018/19 IRWM Project Solicitation

Project Name: Pacific Reefs Water District Water Tank Replacement
Organization Name: Pacific Reefs Water District

Task #	Major Tasks	Task Description	Major Deliverables	Current Stage of Completion	IRWM Task Budget	Non-State Match	Total Task Budget	Start Date	Completion Date
A Category (a): Direct Project Administration									
1	Administration	In cooperation with the County of Humboldt sign a sub-grantee agreement for work to be completed on this project. Develop invoices with support documentation. Provide audited financial statements and other deliverables as required	Invoices, audited financial statements and other deliverables as required	0%	\$8,000.00	\$0.00	\$8,000.00	3/1/20	3/30/21
2	Monitoring Plan	Develop Monitoring Plan to include goals and measurable objectives	Final Monitoring Plan	0%	\$1,600.00	\$0.00	\$1,600.00	3/1/20	4/1/20
3	Labor Compliance Program	Execute service agreement with Labor Compliance Program company	Submission of Labor Compliance Program	0%	\$6,065.00	\$0.00	\$6,065.00	7/1/20	11/1/20
4	Reporting	Develop monthly reports describing work completed, challenges, and strategies for reaching remaining project objectives. Develop Final Report	Quarterly and Final Reports	0%	\$12,000.00	\$0.00	\$12,000.00	4/1/20	4/1/21
B Category (b): Land Purchase/Easement									
1				0%	\$0.00	\$0.00	\$0.00		
C Category (c): Planning/Design/Engineering/Environmental Documentation									
1	Basis of Design Bid Package	The District is anticipating a turnkey storage tank provider to complete a majority of the tank design as well as installation. Per Public Contract Code the District will need to bid the storage tank design and construction. The District will need assistance with a Basis of Design Package. This would include a site survey, geotechnical evaluation for the tank foundation design, and technical specifications.	Basis of Design Package	0%	\$31,480.00	\$0.00	\$31,480.00	4/1/20	7/1/20
2	Environmental Documentation: CEQA *	Project is anticipated to be eligible for a CEQA Categorical Exemption (CE). Under this task, the CE would be prepared and filed with Humboldt County and the state clearinghouse. Compliance with AB 52 would also be conducted under this task.	CEQA CE stamped by Mendocino County and the State Clearinghouse AB52 Compliance documentation.	0%	\$550.00	\$0.00	\$550.00	9/1/19	12/1/19
3	Permit Development : Coastal Development Permit	The project is located within the County jurisdiction of the coastal zone. Under this task, a coastal development permit will be developed for the project including application development, county coordination, and permit fees.	Coastal Development Permit	0%	\$2,293.00	\$0.00	\$2,293.00	9/1/19	12/1/19
4	Permit Development: Building Permit	The District will complete a Mendocino County building permit application, submit to the County, and respond to questions.	Building Permit	0%	\$1,886.00	\$0.00	\$1,886.00	6/1/20	7/1/20
5				0%	\$0.00	\$0.00	\$0.00		
6				0%	\$0.00	\$0.00	\$0.00		
7				0%	\$0.00	\$0.00	\$0.00		
8				0%	\$0.00	\$0.00	\$0.00		
D Category (d): Construction/Implementation									
1	Construction/Implementation Contracting	Develop advertisement for bids, respond to contractor questions during bid period; perform evaluation of bids; award contract	Summary of Bids and Contract Award	0%	\$5,400.00	\$0.00	\$5,400.00	7/1/20	8/1/20
2	Project Construction/Implementation: See detail back up for line item costs	Equipment mobilization, clearing, grubbing, minor site grading, erosion control. Temporary signage. Installation of site piping, tank foundation construction, tank erection, tank disinfection and installation of cathodic protection and telemetry. Water tank shop drawing approval, manufacture, and delivery.	Notice of completion filed with Mendocino County Clerk	0%	\$298,100.00	\$0.00	\$298,100.00	8/1/20	10/1/20
3	Project Close Out, Inspection & Demobilization	Inspect project components and establish that work is complete. Verify that all project components have been installed and are functioning as specified will be conducted as part of construction inspection and project closeout. Conduct project completion photo monitoring. Prepare record drawings.	As-Built and Record Drawings; Project completion site photos	0%	\$5,400.00	\$0.00	\$5,400.00	10/1/20	11/1/20

Project Name: Pacific Reefs Water District Water Tank Replacement
 Organization Name: Pacific Reefs Water District

Task #	Major Tasks	Task Description	Major Deliverables	Current Stage of Completion	IRWM Task Budget	Non-State Match	Total Task Budget	Start Date	Completion Date
4	Project Performance Monitoring	The performance of the project will be monitored in accordance to the Monitoring Plan using the following measurement tools and methods: tank construction milestones and annual water use reports.	Annual Monitoring Report for three years after construction completion.	0%	\$0.00	\$0.00	\$0.00	10/1/20	9/30/23
5	Construction Administration	Complete tasks necessary to administer construction contract. Keep daily records of construction activities, inspection, and progress. Conduct project construction photo-monitoring.	Construction Management Logs; Completed construction administration tasks documented in monthly progress reports	0%	\$13,500.00	\$0.00	\$13,500.00	8/1/20	10/1/20
Total North Coast Resource Partnership 2018/19 IRWM Grant Request					\$386,274.00	\$0.00	\$386,274.00		
Is Requested Budget scalable by 25%? If yes, indicate scaled totals; if no delete budget amount provided.									
Is Requested Budget scalable by 50%? If yes, indicate scaled totals; if no delete budget amount provided.									

Budget Detail for North Coast Resource Partnership 2018/19 IRWM Project Solicitation

Project Name: Pacific Reefs Water District Water Tank Replacement
Organization Name: Pacific Reefs Water District

Budget Detail

Row (a) Direct Project Administration Costs					
Personnel (Discipline)	Major Task Name	Number of Hours	Hourly Wage	% of Cost (if applicable) *	Total Admin Cost
District Project Manager - Contractor	A(1) Administration	80	\$100		\$8,000
District Project Manager - Contractor	A(2) Monitoring Plan	16	\$100		\$1,600
Labor Compliance Consultant	A(3) Labor Compliance Program	1	contract fee		\$6,065
District Project Manager - Contractor	A(4) Reporting	120	\$100		\$12,000
Total					\$27,665
* What is the percentage based on (including total amounts)?		n/a			
* How was the percentage of cost determined?		n/a			

Row (b) Land Purchase/Easement

Row (c) Planning/Design/Engineering & Environmental Documentation					
Personnel (Discipline)	Major Task Name	Number of Hours	Hourly Wage	Total Cost	
Surveyor	(C1) Basis of Design Bid Package	32	140	\$4,480	
Geotechnical Report: Geotechnical Engineer	(C1) Basis of Design Bid Package	60	150	\$9,000	
Basis of Design Bid Package: Engineering Consultant	(C1) Basis of Design Bid Package	120	150	\$18,000	
CEQA Categorical Exemption Assistance: Planning Consultant	(C2) Environmental Documentation: CEQA	4	125	\$500	
CEQA Categorical Exemption Filing Fee	(C2) Environmental Documentation: CEQA	-	-	\$50	
Coastal Development Permit application assistance: Planning Consultant	(C3) Permit Development : Coastal Development Permit	4	125	\$500	
Coastal Development Permit Fee	(C3) Permit Development : Coastal Development Permit	-	-	\$1,793	
Building Permit Development Assistance: Engineering Consultant	(C3) Permit Development : Building Permit	8	125	\$1,000	
Building Permit Development Fee	(C3) Permit Development : Building Permit	-	-	\$886	
Total				\$36,209	

Row (d) Construction/Implementation					
Personnel (Discipline)	Work Task and Sub-Task (from Work Task Table)	Number of Hours	Hourly Wage	Total Cost	
Construction/Implementation Contracting - Engineering Consultant Assistance	D(1) Construction/Implementation	40	135	\$5,400	
Project Close Out, Inspection & Demobilization - Engineering Consultant Assistance	D(3) Construction/Implementation	40	135	\$5,400	
Project Performance Monitoring	D(4) Construction/Implementation				
Construction Administration - Engineering Consultant Assistance	D(5) Construction/Implementation	100	135	\$13,500	
				\$24,300	
Materials and Equipment	Work Task and Sub-Task (from Work Task Table)	Number of Units	Unit Cost	Unit	Total Cost
52,000 Gallon Glass Fused Steel Tank with Steel Floor	D(3) Construction/Implementation	1	\$ 100,000.00	EA	\$ 100,000.00
52,000 Gallon Glass Fused Steel Tank Foundation	D(3) Construction/Implementation	1	\$ 43,000.00	EA	\$ 43,000.00
Piping, Valves, appurtenances, electrical work	D(3) Construction/Implementation	1	\$ 15,000.00	LS	\$ 15,000.00

Budget Detail for North Coast Resource Partnership 2018/19 IRWM Project Solicitation

Project Name: Pacific Reefs Water District Water Tank Replacement
Organization Name: Pacific Reefs Water District

Mobilization and demobilization	D(3) Construction/Implementation	1	\$ 5,000.00	LS	\$ 5,000.00
Labor (Including lodging and per deim)	D(3) Construction/Implementation	1	\$ 72,000.00	LS	\$ 72,000.00
Support Construction Equipment	D(3) Construction/Implementation	1	\$ 15,000.00	LS	\$ 15,000.00
Project Sign	D(3) Construction/Implementation	1	\$ 1,000.00	LS	\$ 1,000.00
Redwood Tank and Pad Removal	D(3) Construction/Implementation	1	\$ 10,000.00	LS	\$ 10,000.00
Site Preparation	D(3) Construction/Implementation	1	\$ 10,000.00	LS	\$ 10,000.00
					\$ -
Contingency (10%)					\$ 27,100.00
					\$ -
Total					\$ 298,100.00

Grand Total \$ 386,274.00



Albion-Little River Fire Protection District

February 21, 2019

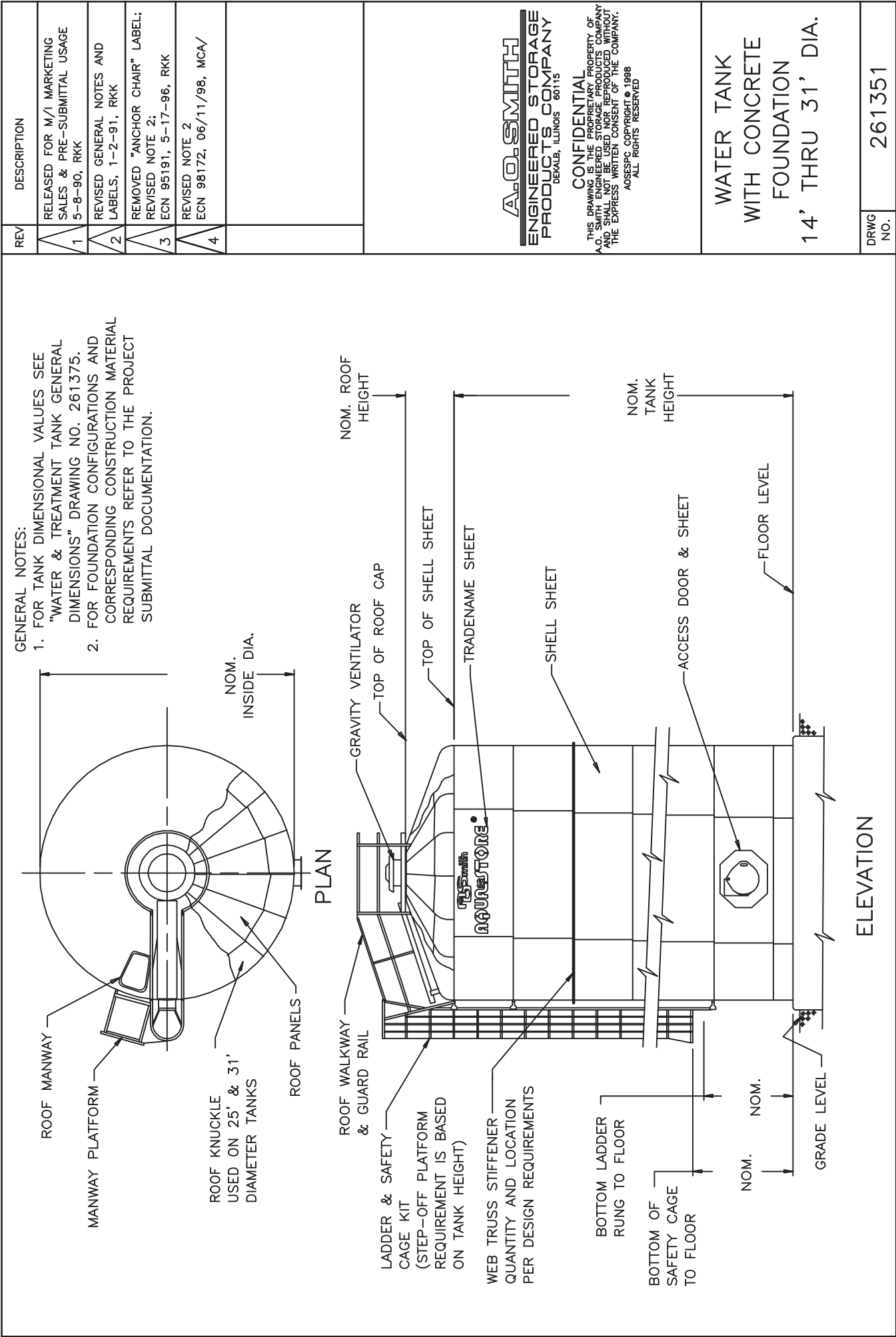
John Hall
PRWD
P.O.Box 314
Albion, ca. 95410

This letter is to support the grant request of Pacific Reefs Water District for funds to replace their failed water storage tank. Water availability is critical for fire suppression as well as drinking. There have been occasions in the past when the Albion Little River Fire Protection District was permitted to save time to refill our trucks by tapping this source for drills as well as actual fires. The availability of an additional 40,000 gallons in ALRFPD's area will prove invaluable as we move into the new reality of wildfires in California. The Board authorized me to write this support letter at the February, 18th Board meeting.

Thank you for considering this,

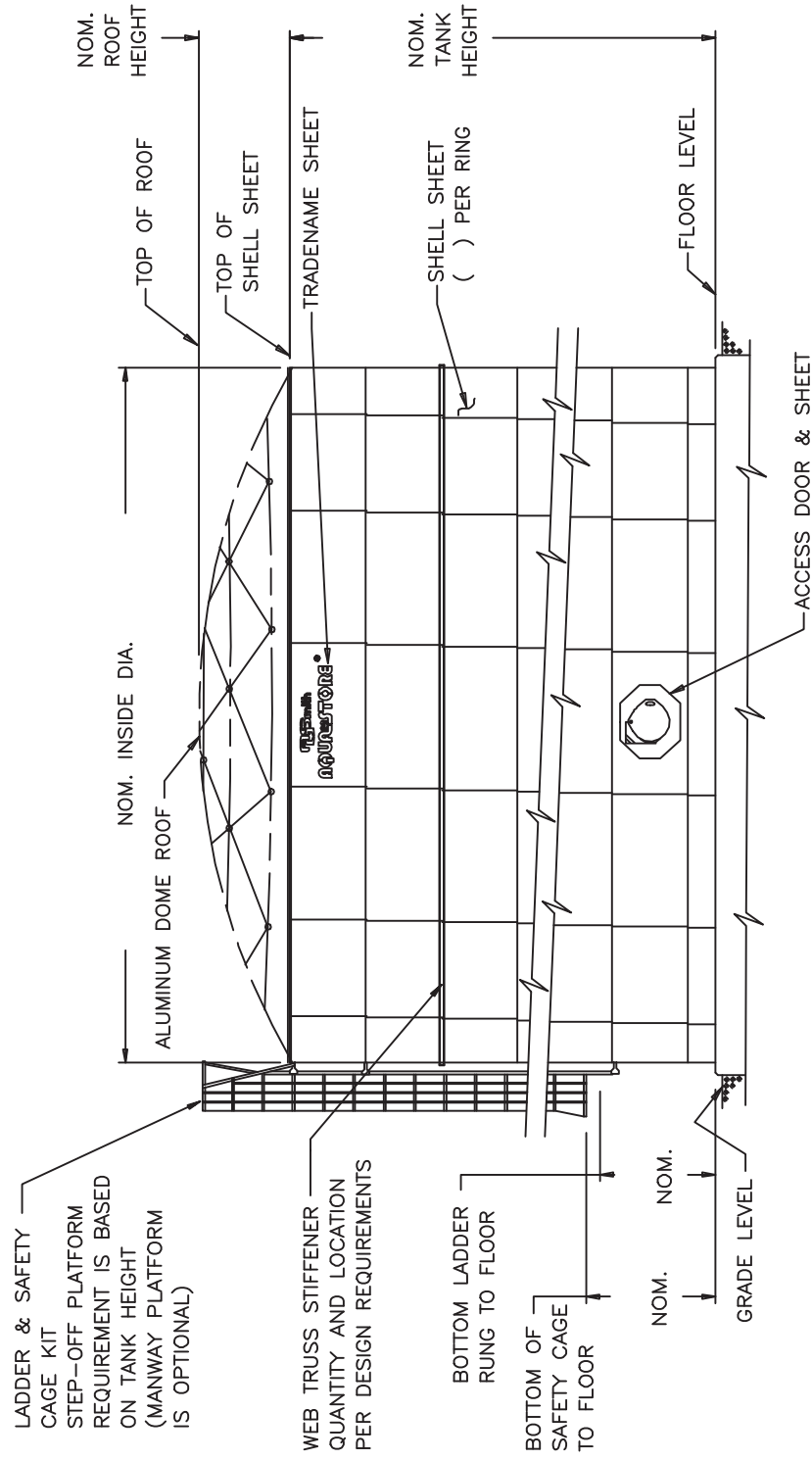
Chuck Greenberg

Chuck Greenberg,
President of the ALFPD



GENERAL NOTES:

1. FOR TANK DIMENSIONAL VALUES SEE "WATER & TREATMENT TANK GENERAL DIMENSIONS" DRAWING NO. 261375.
2. FOR FOUNDATION CONFIGURATIONS AND CORRESPONDING CONSTRUCTION MATERIAL REQUIREMENTS REFER TO THE PROJECT SUBMITTAL DOCUMENTATION.

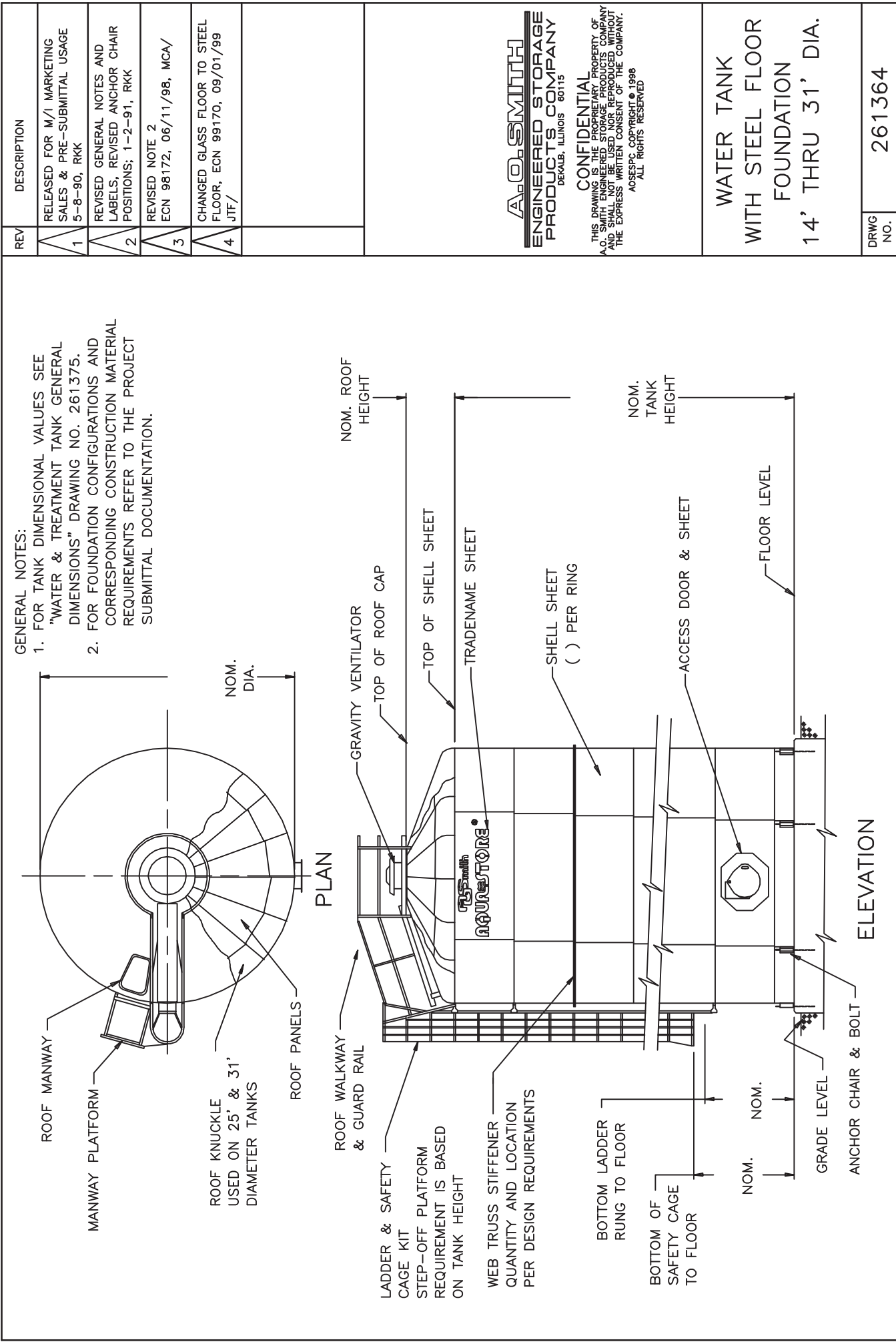


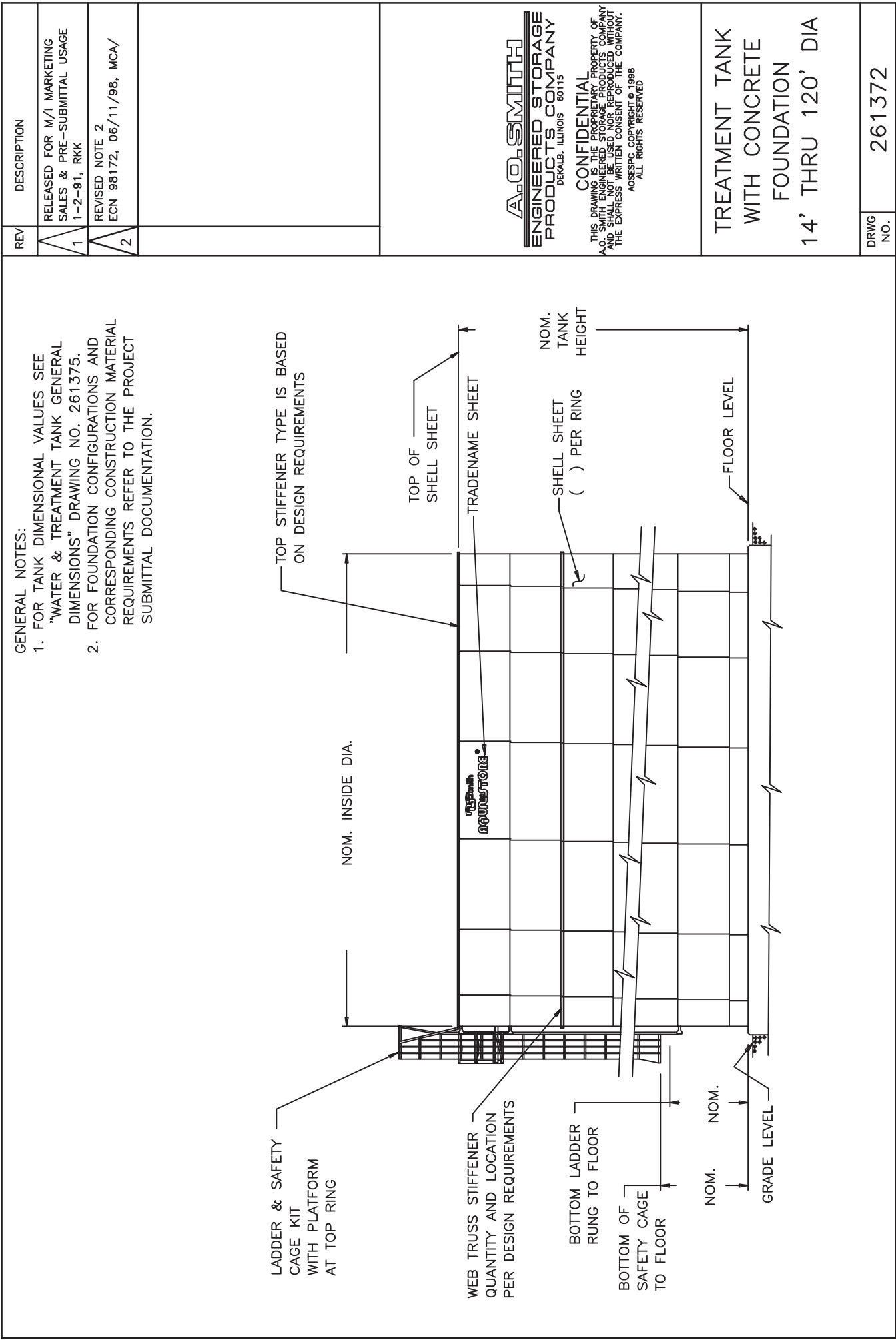
THIS DRAWING IS THE PROPRIETARY PROPERTY OF
A.O. SMITH ENGINEERED STORAGE PRODUCTS COMPANY
AND SHALL NOT BE USED NOR REPRODUCED WITHOUT
THE EXPRESS WRITTEN CONSENT OF THE COMPANY.

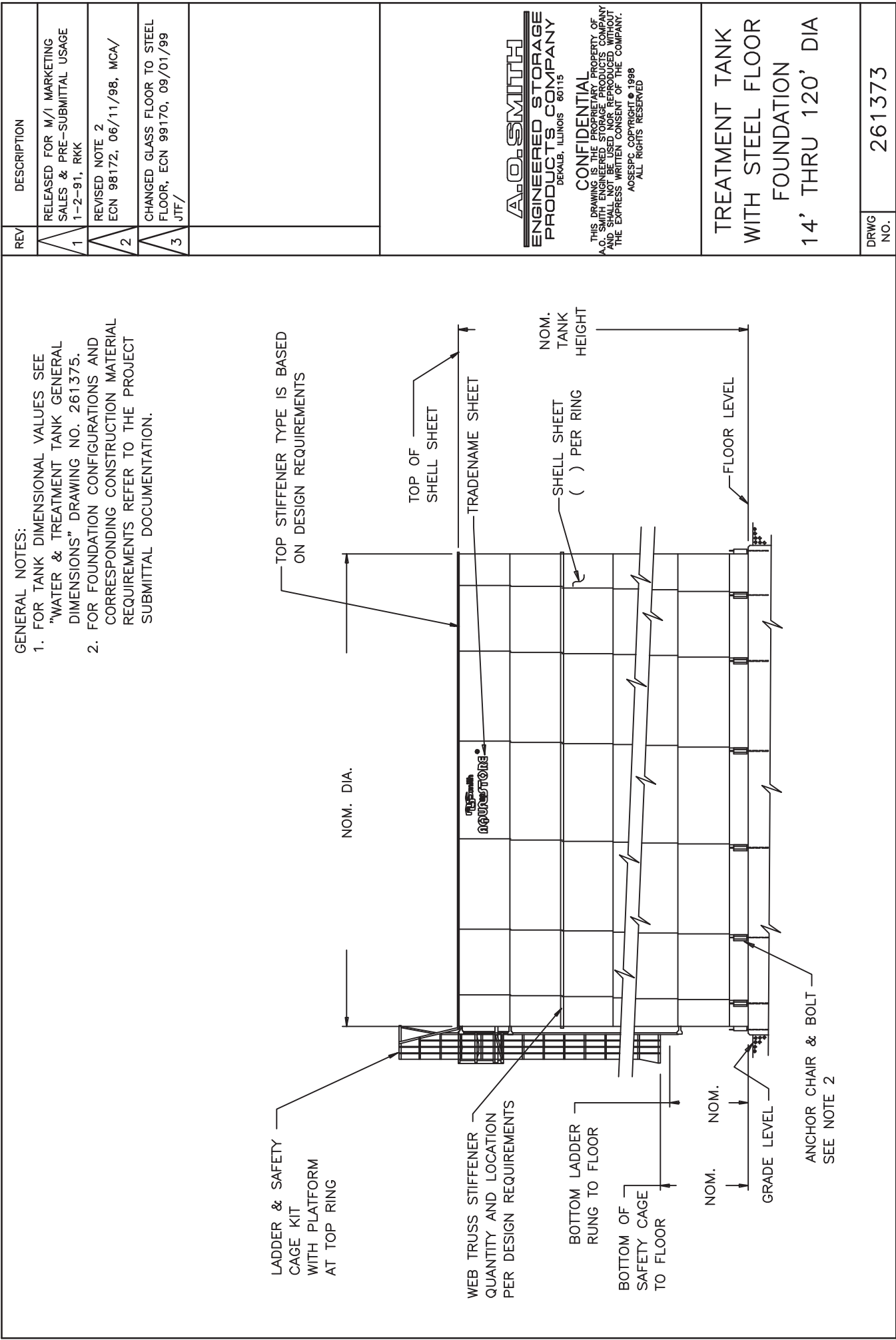
AOSESPC COPYRIGHT © 1998
ALL RIGHTS RESERVED

WATER TANK
WITH CONCRETE
FOUNDATION
36' THRU 120' DIA

261352







PRWD

Pacific Reefs Water District
P.O. Box 314
Albion, California 95410

Resolution 01-2019
NCRP
03-07-2019

RESOLUTION OF Pacific Reefs Water District

ADOPTING THE NORTH COAST INTEGRATED REGIONAL WATER MANAGEMENT PLAN

WHEREAS, in the past 15 years, the California electorate approved three general obligation bonds including Propositions 50, 84, 1E and 1 that have provided more than \$12 billion for water-related projects in California for projects that are included in Integrated Regional Water Management (IRWM) Plans; and

WHEREAS, the development of a regional coalition to organize and promote local and regional projects for funding has proven to be effective in obtaining funding from these bond measures directing more than \$65 million to water related projects located in the North Coast Region over the past 10 years; and

WHEREAS, a concerted effort by North Coast Resource Partnership IRWM Plan participants and interested stakeholders has resulted in the completion of Phase I, II & III of the North Coast IRWM Plan that have been adopted by seven partner counties in 2005, 2007 and 2014; and

WHEREAS, the North Coast Resource Partnership IRWM Plan has identified \$435 million funding in needs for capital projects that will improve water supply reliability, protect and improve water quality, increase water use efficiency and reuse, and protect and restore threatened and endangered aquatic species; and

WHEREAS, local and regional water suppliers across California face significant financial challenges due to effort to replace aging water infrastructure, meet increasingly difficult regulatory compliance standards, adapt to climate change, and increase water reuse and improve groundwater management; and

WHEREAS, projects to implement water-related efforts throughout the North Coast Region are eligible for grant funding from the Proposition 1 IRWM Program; and

WHEREAS, projects that complement the North Coast IRWM Plan have been reviewed and ranked by the North Coast Technical Peer Review Committee and approved by the North Coast Policy Review Panel; and

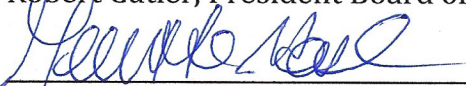
WHEREAS, all persons desiring to be heard and provide comment at the North Coast Policy Review Panel meetings and via the North Coast Resource Partnership website were given the opportunity to present their views and all written communications regarding the plan were publically presented.


NOW, THEREFORE, BE IT RESOLVED that the Board of Directors of Pacific Reefs Water District hereby find, determine and declare as follows:

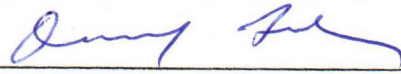
1. All of the above recitals are true and correct.
2. Phase IV of the North Coast Resource Partnership IRWM Plan, 3/7/19 is adopted.

APPROVED AND ADOPTED by the Board of Directors of Pacific Reefs Water District, at a regular meeting of said Board held on the 7th of March, 2019 by the following vote.


Robert Cutler, President Board of Directors, Pacific Reefs Water District


Jeannette Rasker, Board of Directors, Pacific Reefs Water District


Howard Pines, Board of Directors, Pacific Reefs Water District


Don Falk, Board of Directors, Pacific Reefs Water District

Appendix E

NCIRWMP
Memorandum of
Mutual
Understandings

2010

Attachment

Memorandum of Mutual Understandings Integrated Regional Water Management Plan November 11, 2010

1. PURPOSE

The purpose of this Memorandum is to establish the mutual understandings of North Coast area agencies, tribes and stakeholders with respect to their joint efforts towards an ongoing, adaptive North Coast Integrated Regional Water Management Plan (IRWMP) that will increase regional coordination, collaboration and communication and help in obtaining funding for water-related projects, watershed protection and enhancement, energy programs and projects, and climate change initiatives and increase regional economic vitality.

2. GOALS

The goals of the IRWMP are:

2.1. To develop a comprehensive plan to facilitate regional cooperation in providing water supply reliability, water recycling, water conservation, water quality improvement, storm water capture and management, flood management, watershed protection and enhancement, wetlands enhancement and creation, and environmental and habitat protection and improvement.

2.2. To foster coordination, collaboration and communication between North Coast agencies, tribes and stakeholders responsible for water-related and climate/energy issues and interested stakeholders, to achieve greater efficiencies, enhance public services, and build public support for vital projects.

2.3. To improve regional competitiveness for State and Federal grant funding.

3. DEFINITIONS

3.1. Integrated Regional Water Management Plan: The plan envisioned by state legislators, state resource agencies and local governments and stakeholders in the North Coast Region that integrates the projects and management plans of all water-related agencies, tribes and stakeholders in the North Coast Region, in order to foster coordination, collaboration and communication among those entities and to assist decision-makers in awarding grants and other funding. The plan will address water supply, water quality, wastewater, stormwater/flood control, watershed planning and aquatic habitat protection and restoration as well as economic development, assistance to disadvantaged communities, climate change mitigation and adaptation and energy independence.

3.2. Agency: A public entity, be it a special district, city or other governmental entity, responsible for providing one or more services in the areas of water supply, water quality, wastewater, recycled water, water conservation, stormwater/flood control, watershed planning, aquatic habitat protection, restoration, climate change mitigation and/or adaptation and local economic development.

3.3. Service Function: A water or climate-related individual service function provided by an agency or tribe, i.e. water supply, water quality, wastewater, recycled water, water conservation, stormwater/flood control, watershed planning, aquatic habitat protection or restoration, or energy programs

3.4. Project: An integrated, multi-benefit implementation activity in need of funding that addresses: water supply, water quality, wastewater, stormwater/flood control, watershed planning or aquatic habitat protection and restoration, local economic development, climate mitigation or adaptation and energy independence

3.5. Management Plan: An agency's, tribe's, or organization's plan, based in part on the land-use plans within the entity's jurisdiction, that addresses how that entity will provide service in the future in one or more of the following service functions: water supply, water quality, wastewater, recycled water, water conservation, stormwater/flood control, watershed planning, climate change mitigation/adaptation, or aquatic habitat protection or restoration.

3.6. Integration: Assembling into one document the water-related management strategies, projects and plans in the North Coast Region. The plan will identify water management and climate mitigation/adaptation strategies and priority projects for the region and demonstrate how these strategies and priority projects work together to provide reliable water supply, protect or improve water quality, provide watershed protection and planning, mitigate the effects of climate change, assist the region in adapting to climate change, provide local economic development – especially to disadvantaged communities - or provide environmental restoration and fisheries protection. Projects and plans would be categorized, and the regional benefits of linkages and interrelationships between multiple water and climate change management strategies, projects and plans of separate service functions would be identified, e.g. wastewater treatment and water recycling, stormwater/flood management, climate mitigation/adaptation or habitat restoration.

3.7. North Coast IRWMP Policy Review Panel (PRP). The governing and decision making body for the North Coast IRWMP, described in Section 5.4. The PRP reviews and approves plans and applications for grants or other types of financial assistance on behalf of the NCIRWMP and makes policy decisions on behalf of the NCIRWMP.

3.8. North Coast IRWMP Technical Peer Review Committee (TPRC). The panel is comprised of up to two technical representatives from each North Coast County and three tribal representatives. The TPRC representatives from each North Coast County will be appointed by the PRP members from each County. The tribal representatives on

the TPRC will be selected through the Tribal Representation Process attached hereto as Exhibit A. The TPRC is advisory to the PRP and evaluates and makes recommendations based on technical and scientific data. They will support staff in compiling and integrating projects and management plans of the North Coast region. Review committee members will define the process of compilation and integration including format, schedules, and ground rules to ensure process consistency and uniformity.

4. IRWMP PROJECT PARTICIPANTS

4.1 Local Public Agencies. Public agencies, which have developed projects and management plans, and are devoting staff to the process, will contribute to the development of the NCIRWMP both via in-kind staff support and in some cases direct financial support. These agencies will be signatories to this Memorandum of Mutual Understandings. As authorized by the NCIRWMP Policy Review Panel, a local public agency may act as a contracting entity on behalf of the NCIRWMP.

4.2. Tribes. Tribes, which have developed projects and management plans, are responsible to their respective constituents and members, and are devoting staff to the process, will contribute to the development of the NCIRWMP both via in-kind staff support and in some cases direct financial support. These tribes will be signatories to this Memorandum of Mutual Understandings.

4.3 Contributing entities. Other entities (including, but not limited to, business and environmental groups, and landowner organizations) are considered valuable contributors to the process. Contributing entities will be kept informed via the NCIRWMP website, will continue to be invited and encouraged to participate in all meetings and workshops, and may be signatories to this Memorandum of Mutual Understandings.

4.4. State and Federal Agencies. Such agencies may include the Department of Water Resources, the State Water Resources Control Board, the North Coast Regional Water Quality Control Board, the California State Coastal Conservancy, Department of Fish and Game, National Oceanic and Atmospheric Administration, Environmental Protection Agency, Natural Resources Conservation Service, Department of Conservation, California Energy Commission, and Department of Energy. Such agencies will be invited to participate in a variety of ways, including but not limited to, providing input into the NCIRWMP planning process, and updating the PRP and staff on relevant legislative, policy, regulatory and funding initiatives and opportunities. If they cannot participate in work meetings, staff and representatives of the PRP and TPRC will keep them advised of project and plan progress and seek guidance as needed.

5. MUTUAL UNDERSTANDINGS

5.1. Need for a North Coast IRWMP

5.1.1. The North Coast IRWMP process is intended to foster increased coordination, collaboration and communication between North Coast agencies, tribes and interested stakeholders that may result in more effectively managed resources, cost efficiencies and better service to the public.

5.1.2. Also, representatives of state resource agencies and state legislators have suggested that qualification of some state grants and other funding criteria will require development and implementation of Integrated Regional Water Management Plans.

5.2. Subject matter scope of the IRWMP. The IRWMP will include, but may not necessarily be limited to, water supply, water quality, wastewater, recycled water, water conservation, stormwater/flood control, watershed planning and aquatic habitat protection and restoration, climate mitigation and adaptation, local economic development or energy independence programs. It is acknowledged that the management plans of each individual public agency or tribe are based, in part, on the land-use plans within an agency's or tribe's jurisdiction. Therefore, the NCIRWMP will by design incorporate the land-use plans and assumptions intrinsic to the respective service functions of these local agencies

5.3. Geographic scope of the IRWMP. The North Coast Region for this Memorandum is defined as the seven North Coast counties – Modoc, Del Norte, Siskiyou, Humboldt, Trinity, Mendocino, and Sonoma. These counties lie within the North Coast Hydrologic Region, even though some areas of some counties and individual agencies may lay outside the North Coast hydrologic region. Where it demonstrably supports the purpose of the NCIRWMP, as determined by the NCIRWMP Policy Review Panel, collaborations may extend beyond the NCIRWMP regional boundary into other counties and/or states. In the case of energy independence endeavors, boundaries may encompass full counties.

5.4. Approach to developing the IRWMP

5.4.1. The first phase of the NCIRWMP formed the PRP and TPRC, developed a NCIRWMP website for stakeholder communication and data sharing, developed the North Coast IRWM plan, identified water management strategies for the region and the integrated priority projects that demonstrate how these strategies work together to provide reliable water supply, protect or improve water quality, provide watershed protection and planning, and provide environmental restoration and fisheries protection. Opportunities to identify regional benefits and linkages between multiple water management strategies among projects and plans of separate service functions were identified

5.4.2 Future phases of the NCIRWMP are expected to expand upon and further integrate existing strategies, add new regional strategies (including but not limited to climate mitigation and adaptation and energy independence) continue and enhance stakeholder outreach and inclusion, and coordinate and collaborate – where applicable – beyond the boundaries of the North Coast IRWMP with other regional, statewide and

national efforts that are relevant to NCIRWMP goals and objectives.

5.4.3 Policy Review Panel. The North Coast IRWMP Policy Review Panel shall consist of two representatives from each of the seven Counties (Modoc, Del Norte, Siskiyou, Humboldt, Trinity, Mendocino, and Sonoma) plus three tribal representatives selected by the North Coast tribes according to the "Tribal Representation Process" attached hereto as Exhibit A. Such County representatives shall be designees of the Board of Supervisors of the County. Each County shall also designate two alternates who have expertise in water, wastewater, land-use, or energy planning, and are familiar with the North Coast IRWMP process, and who may be members of the Technical Peer Review Committee. Each tribal representative may have one alternate who would be selected according to the Tribal Representation Process (Exhibit A), and who may be a member of the Technical Peer Review Committee. In the event that the elected or tribal representatives are unavailable for a particular meeting, the alternates may participate on their behalf. All meetings of the Policy Review Panel will be subject to and carried out in accordance with the provisions of the Ralph M. Brown Act. All PRP members acknowledge and agree that the PRP is subject to the Ralph M. Brown Act. Panel members may participate in panel meetings via teleconferencing, consistent with the requirements of the Brown Act.

5.5. Decision-making. Decision-making will be conducted by the North Coast IRWMP Policy Review Panel. The panel shall seek to arrive at a consensus if the need for a decision arises. If the panel cannot reach consensus, decisions shall be made as follows:

5.5.1. Quorum. Representatives or alternates constituting one-half or more of the total number of representatives on the Policy Review Panel shall constitute a quorum for purposes of transacting business or arriving at a decision.

5.2.2. One vote per representative. Each representative (or alternate, if a representative is not present) shall have one vote.

5.2.3. Majority vote. If a quorum is present, the affirmative vote of a majority of members of the Policy Review Panel present at a meeting is required to, and is sufficient to, approve any item of business or make any necessary decision.

5.6. Approval of the NCIRWMP. Review and approval of the final North Coast Integrated Regional Water Management Plan will occur by voting of the NCIRWMP Policy Review Panel, with input from the NCIRWMP Technical Peer Review Committee, North Coast region stakeholders and NCIRWMP staff. The NCIRWMP will also be brought before each North Coast County's Board of Supervisors for consideration and adoption. Tribes will approve the NCIRWMP according to the Tribal Representation Process.

5.7. Non-binding nature; termination and withdrawal. Execution of this Memorandum and participation in this IRWMP effort are legally nonbinding, and in no way impair an

agency or tribe from continuing its own planning or undertaking its own, separate efforts to secure project funding from any source. An agency or tribe may withdraw from this Memorandum and participation in the NCIRWMP at any time by notifying the NCIRWMP contracting entity in writing. Nothing in this Memorandum is intended to give the NCIRWMP or its Policy Review Panel any decision-making authority over matters within the jurisdiction of any signatory County, agency, or tribe.


5.8. Personnel and financial resources. It is expected that agencies, tribes, and organizations will contribute the personnel and financial resources necessary to develop the NCIRWMP.

5.9. Reports and communications. Staff and the Policy Review Panel and Technical Peer Review Committee will regularly report on their progress to the agencies, tribes, and stakeholders participating in the NCIRWMP process and the associations or organizations to which they belong that are involved in the NCIRWMP process.

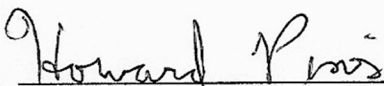
6. Entirety of Memorandum of Mutual Understandings. This Memorandum of Mutual Understandings (MOMU) shall constitute the entire MOMU between the parties relating to the Integrated Regional Water Management Plan and shall supersede all prior MOMUs concerning the same subject matter.

7. SIGNATORIES TO THE MEMORANDUM OF MUTUAL UNDERSTANDINGS

We, the undersigned representatives of our respective agencies or tribes, acknowledge the above as our understanding of how the North Coast Integrated Regional Water Management Plan will be developed and maintained over time.


Signature
Donald M. Falk
Printed Name

March 3, 2019
Date
PACIFIC REEFS WATER DISTRICT
Agency / Tribe


Signature
Howard Pines
Printed Name

March 3, 2019
Date
PACIFIC REEFS WATER DISTRICT
Agency / Tribe

Robert Cutler
Signature
ROBERT CUTLER
Printed Name

02/28/19
Date
PRWD
Agency / Tribe

Jeannette Basker
Signature
Jeannette Basker
Printed Name

02/28/19
Date
PRWD
Agency / Tribe

Signature

Date

Printed Name

Agency / Tribe

Signature

Date

Printed Name

Agency / Tribe

Signature

Date

Printed Name

Agency / Tribe