

MONTEREY COUNTY ZONING ADMINISTRATOR

Meeting: February 12, 2009	Time: 1:30 P.M	Agenda Item No.: 1
Project Description: Use Permit to allow the installation of a "Nitrate Treatment Ion Exchange Unit" consisting of: 1) salt holding tank; 2) primary and secondary brine tanks; 3) nitrate treatment system; 4) bag filter; and 5) miscellaneous piping, pumps and controls all to be located in the southern western portion of the parcel. The property is located northeast of the intersection of Rogge Road and Bollenbacher Drive, Salinas, Bolsa Knolls Area.		
Project Location: Northeast of the intersection of Rogge Road and Bollenbacher Drive, Salinas		APN: 211-181-003-000
Planning File Number: PLN080134		Name: California Water Service Company, Property Owner; Mike Jones, Agent
Plan Area: Greater Salinas Area Plan		Flagged and staked: No
Zoning Designation: : "MDR/5" (Medium Density Residential, 5 units per acre)		
CEQA Action: Categorically Exempt per Section 15301 (b)		
Department: RMA - Planning Department		

RECOMMENDATION:

Staff recommends that the Zoning Administrator approve the Use Permit based on the Findings and Evidence (**Exhibit B**) and subject to the recommended Conditions (**Exhibit C**).

PROJECT OVERVIEW:

The project site is a 0.23 acre parcel located north east of the intersection of Rogge Road and Bollenbacher Drive the Bolsa Knolls area, north of the City of Salinas. The site contains an existing well, which is used to service the existing residential community in the area. Section 21.12.050.L of the Monterey County Zoning Code (Title 21) allows *water system facilities including wells and storage tanks serving more than fifteen or more service connections* in "MDR" zoned areas. This project would upgrade the existing water system facility.

The applicant requests approval of a Use Permit to allow the installation and operation of a nitrate ion exchange and treatment system, which would allow California Water Service Company to meet water "maximum contaminant levels" (MCL) for nitrates. The current well consistently tests above the MCL. The proposed facility consists of a new salt holding tank, new primary and secondary brine tanks, new bag filter and miscellaneous piping, pumps and controls, all to be located in the north eastern portion of the parcel. New chlorine room and panel board will be located in the northern eastern portion of the parcel. New asphalt driveway and pad will be installed replacing the current pad and driveway.

No visual impacts are associated with this project, as the existing landscaping will continue to provide adequate screening for all new development.

OTHER AGENCY INVOLVEMENT:

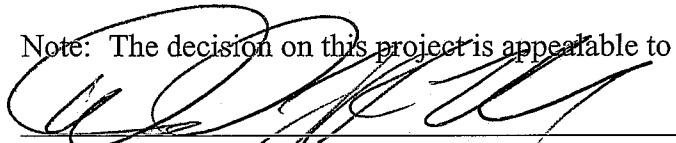
OTHER AGENCY INVOLVEMENT:

- ✓ Salinas Rural Fire Protection District
- ✓ Public Works Department
- ✓ Environmental Health Division
- ✓ Water Resources Agency

The above checked agencies and departments have reviewed this project. Conditions recommended by Environmental Health, Salinas Rural Fire Protection District, Public Works, and the RMA – Planning Department have been incorporated into the condition compliance reporting plan (**Exhibit C**).

The project was not referred to a Land Use Advisory Committee (LUAC) for review, as no LUAC exists for this area of the county.

Note: The decision on this project is appealable to the Planning Commission.

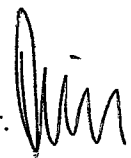


David J. R. Mack, Assistant Planner
(831) 755-5096, mackd@co.monterey.ca.us
January 30, 2009

cc: Front Counter Copy; Zoning Administrator; Salinas Rural Fire Protection District; Public Works Department; Environmental Health Division; Water Resources Agency; Luis Osorio, Planning Services Manager; David J. R. Mack, Planner; Carol Allen, Hearing Clerk, California Water Service Company, Applicant/Owner; Mike Jones, Agent; Planning File PLN080134.

Attachments: Exhibit A Project Data Sheet
Exhibit B Recommended Findings and Evidence
Exhibit C Recommended Conditions of Approval
Exhibit D Vicinity Map
Exhibit E Site Plan, Floor Plan and Elevations

This report was reviewed by Luis Osorio, Planning Services Manager.



**EXHIBIT A
PROJECT DATA SHEET**

Project Information for PLN080134

Project Title: BOLSA KNOLLS WATER COMPANY

Location: ROGGERD SALINAS

Primary APM: 211-181-003-000

Applicable Plan: Greater Salinas Area Plan

Coastal Zone: No

Permit Type: Use Permit

Zoning: MDR/5

Environmental Status: Exempt

Plan Designation: MED DENSITY RES

Advisory Committee: N/A

Final Action Deadline (864): 3/7/2009

Project Site Data:

Lot Size: 8833

Coverage Allowed: 35%

Existing Structures (sf): 9

Coverage Proposed: 5%

Proposed Structures (sf): 435

Height Allowed: 30

Height Proposed:

Total Sq. Ft.: 444

FAR Allowed: N/A

FAR Proposed: N/A

Resource Zones and Reports:

Environmentally Sensitive Habitat: No

Broken Hazard Zone: LOW

Biological Report #: N/A

Soils Report #: N/A

Forest Management Rpt. #: N/A

Archaeological Sensitivity Zone: LOW

Geologic Hazard Zone: II

Archaeological Report #: N/A

Geologic Report #: N/A

Fire Hazard Zone: N/A

Traffic Report #: N/A

Other Information:

Water Source: WELL

Sewage Disposal (method): N/A

Water Dist/Co: CALIFORNIA WATER COMP

Sewer District Name: N/A

Fire District: SALINAS RURAL FIRE

Grading (cubic yds.): 40.0

Tree Removal: N/A

EXHIBIT B
RECOMMENDED FINDINGS AND EVIDENCE

1. **FINDING: CONSISTENCY** – The project, as described in Condition No. 1 and as conditioned, conforms to the policies, requirements, and standards of the Monterey County General Plan, Greater Salinas Area Plan, Greater Salinas Area Plan Inventory and Analysis, and the Monterey County Zoning Ordinance (Title 21), which designates this area as appropriate for development.

EVIDENCE: (a) The text, policies, and regulations in the above referenced documents have been evaluated during the course of review of applications. No conflicts were found to exist. No communications were received during the course of review of the project indicating any inconsistencies with the text, policies, and regulations in these documents.

(b) The property is located at near the intersection of Rogge Road and Bollenbacher Drive (Assessor's Parcel Number 211-181-003-000), Greater Salinas Area Plan. The parcel is zoned Medium Density Residential, 5 units per acre ("MDR/5") which allows *water system facilities including wells and storage tanks serving fifteen or more service connections* subject to acquisition of a Use Permit, pursuant to Section 21.12.050.L of Monterey County Zoning Ordinance Title 21. Therefore, the project is consistent with the zoning of the subject parcel.

(c) The Monterey County Environmental Health Department (EHD) reviewed the project proposal and has recommended conditions of approval to ensure compliance with all applicable County and State regulations. Condition 6 requires an amendment to the existing public water system permit from California Department of Public Health (CDPH). Condition 7 requires that an up-to-date Business Response Plan be maintained which regard to chemical material storage.

(d) The project planner conducted a site inspection on January 7, 2009 to verify that the project on the subject parcel conforms to the plans listed above.

(e) The project was not referred to a Land Use Advisory Committee (LUAC) for review, as no LUAC exists for this area of the county.

(f) The application, project plans, and related support materials submitted by the project applicant to the Monterey County RMA - Planning Department for the proposed development found in Project File PLN080134.

2. **FINDING: SITE SUITABILITY** – The site is physically suitable for the use proposed.

EVIDENCE: (a) The project has been reviewed for site suitability by the following departments and agencies: RMA - Planning Department, Salinas Rural Fire Protection District, Public Works, Environmental Health Division, and Water Resources Agency. There has been no indication from these departments/agencies that the site is not suitable for the proposed development. Conditions recommended have been incorporated.

(b) Staff conducted a site inspection on January 7, 2009 to verify that the site is suitable for this use.

(c) Materials in Project File PLN081034.

3. **FINDING: CEQA (Exempt):** - The project is categorically exempt from environmental review and no unusual circumstances were identified to exist for the proposed project.

EVIDENCE: (a) California Environmental Quality Act (CEQA) Guidelines Section 15301(b), categorically exempts minor alteration(s) of existing facilities of both investor and publicly-owned utilities used to provide electric power, natural gas, sewerage, or other public utility services, involving negligible or no expansion of use.

(b) No adverse environmental effects were identified during staff review of the development application during a site visit on January 7, 2009.

(c) Staff evaluated additional environmental considerations, including existing vegetation, storage of chemicals, as well as noise and traffic concerns. No potential impacts were found.

(c) See preceding and following findings and supporting evidence.

4. **FINDING: USE PERMIT FINDINGS** – In order to grant the Use Permit to allow development the Zoning Administrator shall make the following findings:

1. Pursuant to Section 21.74.050.B.1 of the Zoning Ordinance, the establishment, maintenance, or operation of the use or structure applied for, will not, under the circumstances of the particular case, be detrimental to health, safety, peace, morals, comfort, and general welfare of persons residing or working in the neighborhood of such proposed use; or be detrimental or injurious to property and improvement in the neighborhood; or to the general welfare of the County.

2. Pursuant to Section 21.74.050.B.2 of the Zoning Ordinance, the subject property is in compliance with all rules and regulations pertaining to zoning uses, subdivision, and any other applicable provisions of this Title and any zoning violation abatement costs have been paid

EVIDENCE: (a) The project as described in the application and accompanying materials was reviewed by the Planning Department, Salinas Rural Fire Protection District, Public Works Department, Environmental Health Division, and Water Resources Agency. The respective departments have recommended conditions, where appropriate, to ensure that the project will not have an adverse effect on the health, safety, and welfare of persons either residing or working in the neighborhood; or the county in general.

(b) The application, plans, and related support materials were reviewed during the Inter-Departmental Review (IDR) period from December 18, 2008 to January 5, 2009.

(c) See Finding No. 6, Health and Safety.

5. **FINDING: NO VIOLATIONS** - The subject property is in compliance with all rules and regulations pertaining to zoning uses, subdivision, and any other applicable provisions of the County's zoning ordinance. No violations exist on the property. Zoning violation abatement costs, if any, have been paid.

EVIDENCE: (a) Staff reviewed Monterey County RMA - Planning Department and Building Services Department Monterey County records and is not aware of any violations existing on subject property.

6. **FINDING: HEALTH AND SAFETY** - The establishment, maintenance, or operation of the project applied for will not under the circumstances of this particular case be detrimental to the health, safety, peace, morals, comfort, and general welfare of persons residing or working in the neighborhood of such proposed use, or be detrimental or injurious to property and improvements in the neighborhood or to the general welfare of the County.

EVIDENCE: (a) Preceding findings and supporting evidence.

7. **FINDING: APPEALABILITY** - The decision on this project is appealable to the Planning Commission.

EVIDENCE: Section 21.80.040.B of the Monterey County Zoning Ordinance (Title 21).

EXHIBIT C
Monterey County Resource Management Agency
Planning Department
Condition Compliance and/or Mitigation Monitoring
Reporting Plan

Project Name: BOLSA KNOLLS WATER (CALIFORNIA WATER)
 File No: PLN080134 APNs: 211-181-003-000
 Approved by: Zoning Administrator Date: February 12, 2009

**Monitoring or Reporting refers to projects with an EIR or adopted Mitigated Negative Declaration per Section 21081.6 of the Public Resources Code.*

<i>Permit Cond. Number</i>	<i>Mitig. Number</i>	<i>Conditions of Approval and/or Mitigation Measures and Responsible Land Use Department</i>	<i>Compliance or Monitoring Actions to be performed. Where applicable, a certified professional is required for action to be accepted.</i>	<i>Responsible Party for Compliance</i>	<i>Timing</i>	<i>Verification of Compliance (name/date)</i>
1.		<p>PD001 - SPECIFIC USES ONLY This Use Permit (PLN080134) allows the installation of a nitrate treatment ion exchange unit. The facilities will consist of a new salt holding tank; new primary and secondary brine tanks; new nitrate treatment system; new bag filter; and miscellaneous piping, pumps and controls all to be located in the southern western portion of the parcel. New chlorine room and panel board will be located in the northern eastern portion of the parcel. New asphalt driveway and pad will be installed replacing the current pad and driveway. Existing landscaping and fencing will remain. The property is located north east of the intersection of Rogge Road and Bollenbacher Drive, Salinas, Bolsa Knolls area. (Assessor's Parcel Number 211-181-003-000), Greater Salinas Area Plan. This permit was approved in accordance with County ordinances and land use regulations subject to the following terms and conditions. Neither the uses nor the construction allowed by this permit shall commence unless and until all of the conditions of this permit are met to the satisfaction of the Director of the RMA - Planning Department. Any use or construction not in substantial conformance with the terms and conditions of this permit is a violation of County regulations and may result in modification or revocation</p>	Adhere to conditions and uses specified in the permit.	Owner/ Applicant	Ongoing unless otherwise stated	

Permit Cond. Number	Mitig. Number	Conditions of Approval and/or Mitigation Measures and Responsible Land Use Department	Compliance or Monitoring Actions to be performed. Where applicable, a certified professional is required for action to be accepted.	Responsible Party for Compliance	Timing	Verification of Compliance (name/date)
		of this permit and subsequent legal action. No use or construction other than that specified by this permit is allowed unless additional permits are approved by the appropriate authorities. To the extent that the County has delegated any condition compliance or mitigation monitoring to the Monterey County Water Resources Agency, the Water Resources Agency shall provide all information requested by the County and the County shall bear ultimate responsibility to ensure that conditions and mitigation measures are properly fulfilled. (RMA - Planning Department)				
2.		PD002 - NOTICE-PERMIT APPROVAL The applicant shall record a notice which states: "A Use Permit (Resolution PLN080134) was approved by the Zoning Administrator for Assessor's Parcel Number 211-181-003-000 on February 12, 2009. The permit was granted subject to <u>11</u> conditions of approval which run with the land. A copy of the permit is on file with the Monterey County RMA - Planning Department." Proof of recordation of this notice shall be furnished to the Director of the RMA - Planning Department prior to issuance of building permits or commencement of the use. (RMA - Planning Department)	Proof of recordation of this notice shall be furnished to the RMA - Planning Department.	Owner/ Applicant	Prior to the issuance of grading and building permits or commencement of use.	
3.		PD003(A) – CULTURAL RESOURCES – NEGATIVE ARCHAEOLOGICAL REPORT If, during the course of construction, cultural, archaeological, historical or paleontological resources are uncovered at the site (surface or subsurface resources) work shall be halted immediately within 50 meters (165 feet) of the find until a qualified professional archaeologist can evaluate it. The Monterey County RMA - Planning Department and a qualified archaeologist (i.e., an archaeologist registered with the Society of Professional Archaeologists) shall be immediately contacted by the responsible individual present on-site. When contacted,	Stop work within 50 meters (165 feet) of uncovered resource and contact the Monterey County RMA - Planning Department and a qualified archaeologist immediately if cultural, archaeological, historical or paleontological resources are uncovered. When contacted, the project planner and the archaeologist shall immediately visit the site to determine the extent of the resources and to develop proper mitigation measures required for the discovery.	Owner/ Applicant/ Archaeologist	Ongoing	

Permit Cond. Number	Mitig. Number	Conditions of Approval and/or Mitigation Measures and Responsible Land Use Department	Compliance or Monitoring Actions to be performed. Where applicable, a certified professional is required for action to be accepted.	Responsible Party for Compliance	Timing	Verification of Compliance (name/date)
		the project planner and the archaeologist shall immediately visit the site to determine the extent of the resources and to develop proper mitigation measures required for the discovery. (RMA - Planning Department)				
4.		<p>PD004 - INDEMNIFICATION AGREEMENT</p> <p>The property owner agrees as a condition and in consideration of the approval of this discretionary development permit that it will, pursuant to agreement and/or statutory provisions as applicable, including but not limited to Government Code Section 66474.9, defend, indemnify and hold harmless the County of Monterey or its agents, officers and employees from any claim, action or proceeding against the County or its agents, officers or employees to attack, set aside, void or annul this approval, which action is brought within the time period provided for under law, including but not limited to, Government Code Section 66499.37, as applicable. The property owner will reimburse the county for any court costs and attorney's fees which the County may be required by a court to pay as a result of such action. County may, at its sole discretion, participate in the defense of such action; but such participation shall not relieve applicant of his obligations under this condition. An agreement to this effect shall be recorded upon demand of County Counsel or concurrent with the issuance of building permits, use of the property, filing of the final map, whichever occurs first and as applicable. The County shall promptly notify the property owner of any such claim, action or proceeding and the County shall cooperate fully in the defense thereof. If the County fails to promptly notify the property owner of any such claim, action or proceeding or fails to cooperate fully in the defense thereof, the property owner shall not thereafter be responsible to defend, indemnify or hold the county harmless. (RMA - Planning Department)</p>	<p>Submit signed and notarized Indemnification Agreement to the Director of RMA – Planning Department for review and signature by the County.</p> <p>Proof of recordation of the Indemnification Agreement, as outlined, shall be submitted to the RMA – Planning Department.</p>	Owner/ Applicant	Upon demand of County Counsel or concurrent with the issuance of building permits, use of the property, filing of the final map, whichever occurs first and as applicable	

<i>Permit Cond. Number</i>	<i>Mitig. Number</i>	<i>Conditions of Approval and/or Mitigation Measures and Responsible Land Use Department</i>	<i>Compliance or Monitoring Actions to be performed. Where applicable, a certified professional is required for action to be accepted.</i>	<i>Responsible Party for Compliance</i>	<i>Timing</i>	<i>Verification of Compliance (name/date)</i>
5.		<p>PDSP001 - WATER TANK APPROVAL AND EXISTING LANDSCAPING (NON-STANDARD) All tanks (salt holding tank, primary and secondary brine tanks) shall be painted an earth tone color to blend into the area, subject to the approval of the Director of the RMA - Planning Department, prior to the issuance of building permits. All existing landscaping shall remain onsite, and be continuously maintained in a litter-free, weed-free, healthy growing condition. (RMA – Planning Department)</p>	Submit proposed color of water tank to the RMA - Planning Department for review and approval.	Owner/ Applicant	Prior to the issuance of grading or building permits	
			Provide evidence to the Director of the RMA - Planning Department that the water tank has been painted according to the plans approved by the RMA - Planning Department.	Owner/ Applicant	Prior to the final inspection or occupancy.	
			All landscaped areas and fences shall be continuously maintained; all plant material shall be continuously maintained in a litter-free, weed-free, healthy, growing condition.	Owner/ Applicant	On-going	
6.		<p>EHSP001- AMEND STATE WATER SYSTEM PERMIT (NON-STANDARD) The California Water Service Company is classified as a public Community Water System, regulated by the California Department of Public Health (CDPH). Modification to the existing water system requires an amendment to the existing public water system permit from CDPH, pursuant to Title 22 of the California Code of Regulations. (Environmental Health)</p>	Submit evidence to the Environmental Health Division that the water system permit has been amended.	Owner/ Applicant	Prior to final inspection.	
7.		<p>EHSP002 – HAZARDOUS MATERIALS BUSINESS RESPONSE PLAN (NON-STANDARD) The applicant shall maintain an up-to-date Business Response Plan that meets the standards found in the California Code of Regulations, Title 19, Division 2, Chapter 4 (Hazardous Materials Release Reporting, Inventory, and Response Plans) and the California Health and Safety Code, Division 20, Chapter 6.95 (Hazardous Material Release Response Plans and Inventory). (Environmental Health)</p>	Submit the signed Business Response Plan – Memorandum of Understanding (from available from EHD) that specifies an approved Business Response Plan must be on file with Hazardous Materials Management Services prior to bringing materials on site and/or commencement of operation.	Owner/ Applicant	Prior to issuance of building permits Continuous	

<i>Permit Cond. Number</i>	<i>Mitig. Number</i>	<i>Conditions of Approval and/or Mitigation Measures and Responsible Land Use Department</i>	<i>Compliance or Monitoring Actions to be performed. Where applicable, a certified professional is required for action to be accepted.</i>	<i>Responsible Party for Compliance</i>	<i>Timing</i>	<i>Verification of Compliance (name/date)</i>
			Once approved, the applicant shall maintain an up-to-date Business Response Plan.			
8.		PW0005 – ENCROACHMENT (STD DRIVEWAY) Obtain an encroachment permit from the Department of Public Works and construct a standard driveway connection to Rogge Road. (Public Works)	Applicant shall obtain an encroachment permit from DPW prior to issuance of building permits and complete improvement prior to occupancy or commencement of use. Applicant is responsible to obtain all permits and environmental clearances.	Owner/ Applicant	Prior to Building/ Grading Permits Issuance	
9.		FIRE011 - ADDRESSES FOR BUILDINGS All buildings shall be issued an address in accordance with Monterey County Ordinance No. 1241. Each occupancy, except accessory buildings, shall have its own permanently posted address. When multiple occupancies exist within a single building, each individual occupancy shall be separately identified by its own address. Letters, numbers and symbols for addresses shall be a minimum of 4-inch height, 1/2-inch stroke, contrasting with the background color of the sign, and shall be Arabic. The sign and numbers shall be reflective and made of a noncombustible material. Address signs shall be placed at each driveway entrance and at each driveway split. Address signs shall be and visible from both directions of travel along the road. In all cases, the address shall be posted at the beginning of construction and shall be maintained thereafter. Address signs along one-way roads shall be visible from both directions of travel. Where multiple addresses are required at a single driveway, they shall be mounted on a single sign. Where a roadway provides access solely to a single commercial occupancy, the address sign shall	Applicant shall incorporate specification into design and enumerate as “Fire Dept. Notes” on plans.	Applicant or owner	Prior to issuance of building permit.	
			Applicant shall schedule fire dept. clearance inspection	Applicant or owner	Prior to final building inspection	

<i>Permit Cond. Number</i>	<i>Mitig. Number</i>	<i>Conditions of Approval and/or Mitigation Measures and Responsible Land Use Department</i>	<i>Compliance or Monitoring Actions to be performed. Where applicable, a certified professional is required for action to be accepted.</i>	<i>Responsible Party for Compliance</i>	<i>Timing</i>	<i>Verification of Compliance (name/date)</i>
		be placed at the nearest road intersection providing access to that site. Permanent address numbers shall be posted prior to requesting final clearance. (Salinas Rural Fire Protection District)				
10.		FIRE019 - DEFENSIBLE SPACE REQUIREMENTS - (STANDARD) Remove combustible vegetation from within a minimum of 30 feet of structures. Limb trees 6 feet up from ground. Remove limbs within 10 feet of chimneys. Additional and/or alternate fire protection or firebreaks approved by the fire authority may be required to provide reasonable fire safety. Environmentally sensitive areas may require alternative fire protection, to be determined by Reviewing Authority and the Director of Planning and Building Inspection. (Salinas Rural Fire Protection District)	Applicant shall incorporate specification into design and enumerate as "Fire Dept. Notes" on plans. Applicant shall schedule fire dept. clearance inspection	Applicant or owner Applicant or owner	Prior to issuance of grading and/or building permit. Prior to final building inspection	
11.		FIRE030 – OTHER NON-STANDARD CONDITIONS Storage of chorline is to comply with California Fire Code Chapter 27, Section 2703.	Applicant shall ensure that all on-site chorline storage complies with applicable Fire Code.	Applicant/ Owner	Continuous	

END OF CONDITIONS

GREATER SALINAS



APPLICANT: BOLSA KNOLLS WATER COMPANY

APN: 211-181-003-000

FILE # PLN080134



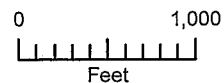
300' Limit



2500' Limit



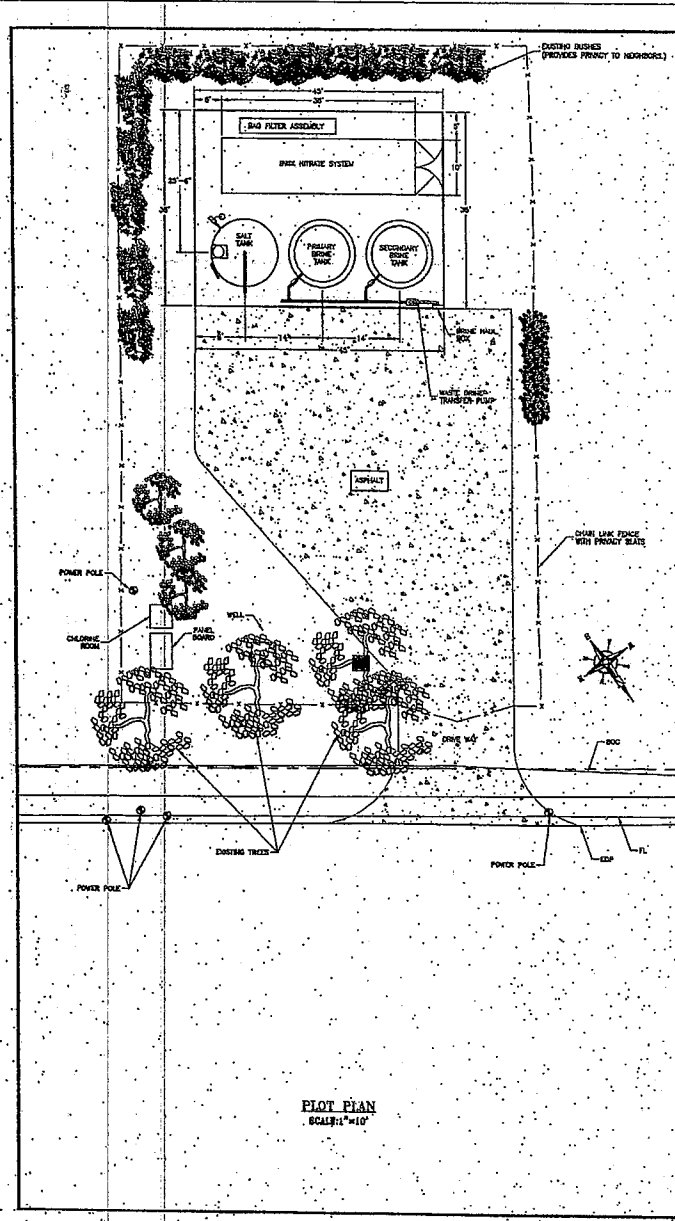
City Limits



PLANNER: MACK

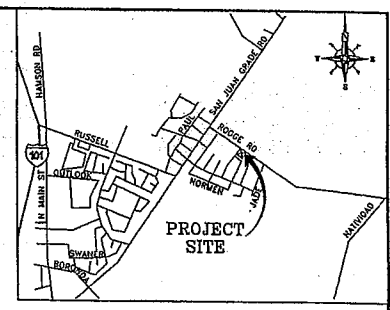
Exhibit 0

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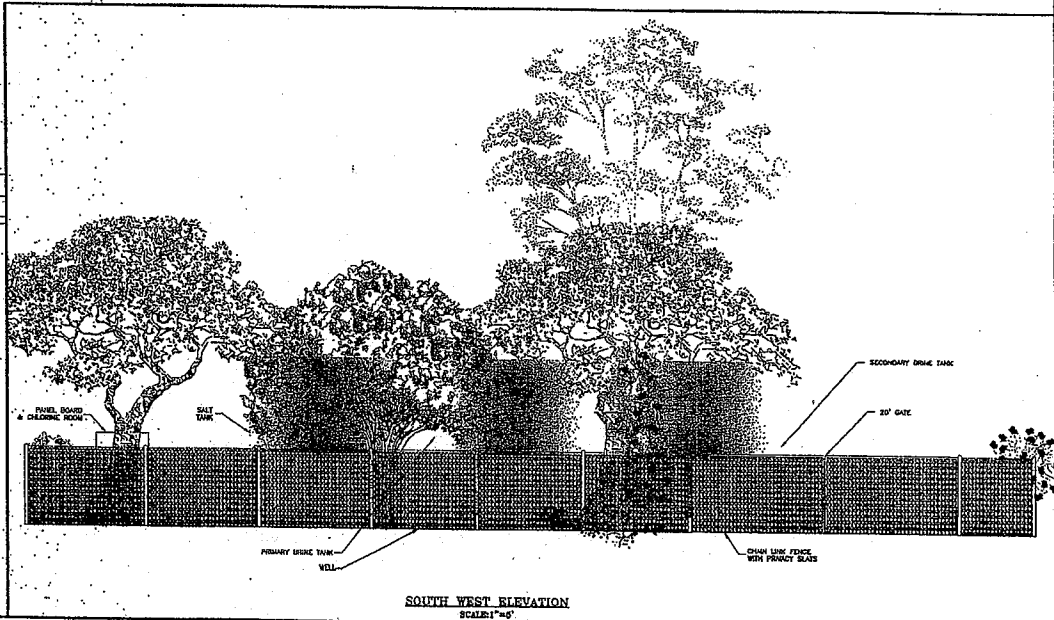


DRAWING INDEX:

SITE & GRADING PLAN (2 SHEETS)	SIN-4948
PIPING PLAN (1 SHEETS)	SIN-4947
NITRATE TREATMENT PLANT	SIN-4948
FOUNDATION PLAN (1 SHEETS)	SIN-4948
PLOT & ELEVATION PLAN (1 SHEETS)	SIN-4923



VICINITY MAP
N.T.S.



SOUTH WEST ELEVATION
SCALE: 1"=4'

PLOT PLAN
SCALE: 1"=10'



ENGINEERING
DEPARTMENT

ESTIMATE NO. _____
 DATE _____
 SHEET NO. _____
 TOTAL SHEETS _____
 SCALE _____
 PROJECT NO. _____
 SHEET NO. _____

AS SHOWN
 D. H/D. SCAMARA
 R. KASHYAP
 R. KASHYAP
 R. KASHYAP



TITLE

SALINAS STATION 103
 PLOT & ELEVATION

PROJECT
 SALINAS

DATE: 11-05-08
 PROJECT BY: 00018985
 DRAWING NO.: SIN-4923
 SHEET 1 OF 1

20080134

**SALINAS STATION 103
 SITE & GRADING PLAN**

DATE: 11-05-00
 PROJECT NO: 00018983
 SHEET NO: SLN-4910

E. K. SHAYAR
 REGISTERED PROFESSIONAL ENGINEER
 No. 6642 State of California
 Expires 07-31-04

DEPARTMENT OF PUBLIC WORKS
 COUNTY OF CALIFORNIA

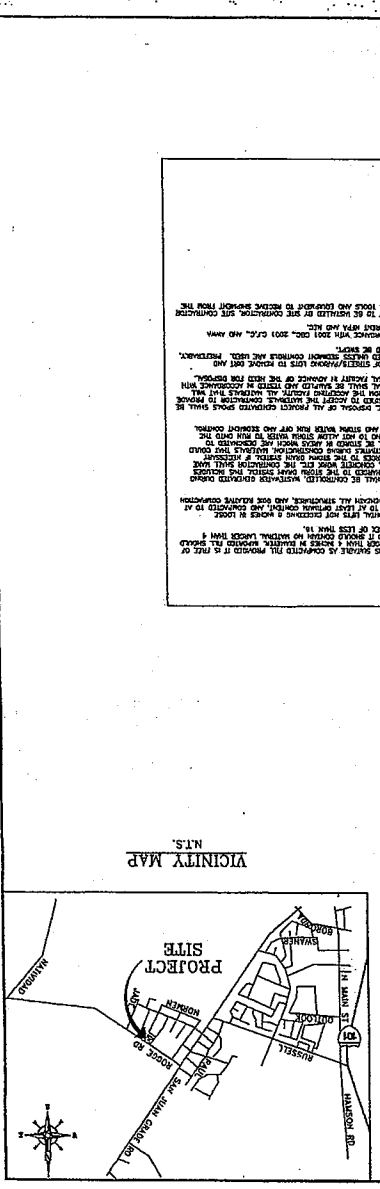
AS SHOWN 11-97

DATE: 11-05-00

SCALE: 1" = 40'

PROJECT NO: 00018983

SHEET NO: SLN-4910

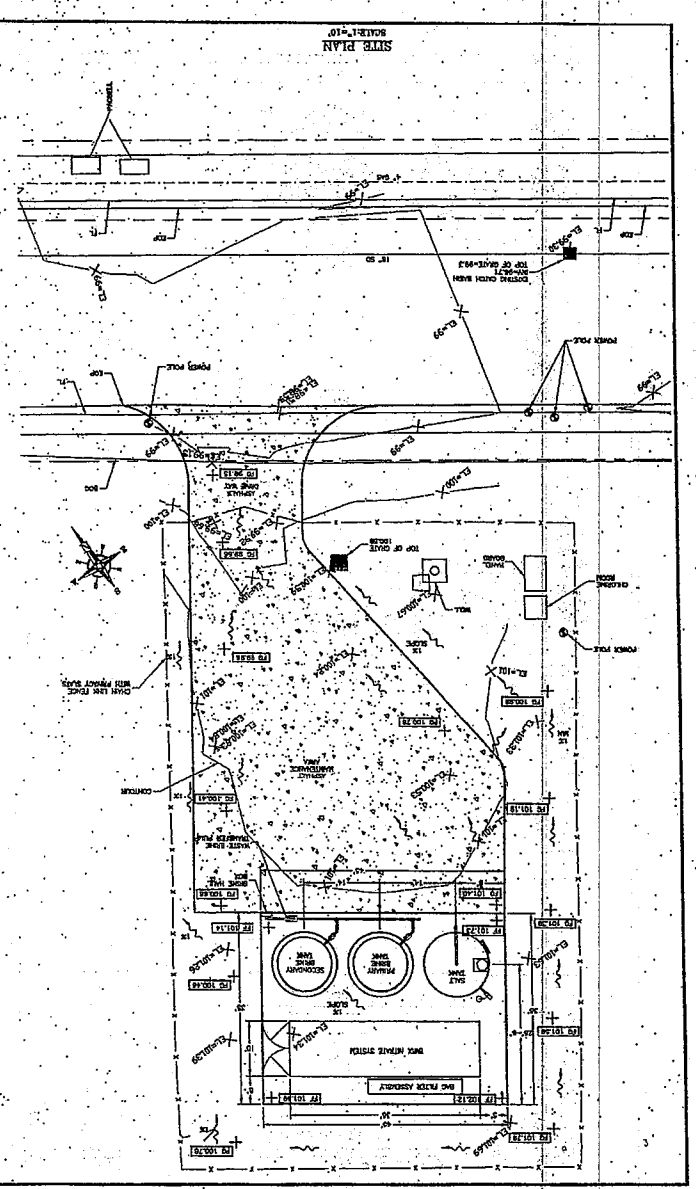
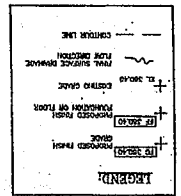


SITE AND GRADING NOTES:

1. CONSTRUCTION SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM LOCAL, STATE AND FEDERAL AGENCIES.
2. CONSTRUCTION SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM LOCAL, STATE AND FEDERAL AGENCIES.
3. THE LIST OF MATERIALS FOR THIS PROJECT IS FOR INFORMATION ONLY AND IS NOT TO BE USED FOR ORDERING MATERIALS OR FOR CONSTRUCTION PURPOSES.
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14. CONSTRUCTION SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM LOCAL, STATE AND FEDERAL AGENCIES.
15. CONSTRUCTION SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM LOCAL, STATE AND FEDERAL AGENCIES.
16. CONSTRUCTION SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM LOCAL, STATE AND FEDERAL AGENCIES.
17. CONSTRUCTION SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM LOCAL, STATE AND FEDERAL AGENCIES.
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28. CONSTRUCTION SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM LOCAL, STATE AND FEDERAL AGENCIES.
29. CONSTRUCTION SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM LOCAL, STATE AND FEDERAL AGENCIES.
30. CONSTRUCTION SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM LOCAL, STATE AND FEDERAL AGENCIES.

DRAWING INDEX:

SLN-4910	SITE & GRADING PLAN (2 SHEETS)
SLN-4917	FINAL TREATMENT PLANT
SLN-4918	FINAL TREATMENT PLANT (1 SHEET)
SLN-4925	PLANT & ELEVATION PLAN (1 SHEETS)





VISION: _____
DATE: _____

PLAN SHEET NO. _____
SCALE: _____

AS SHOWN

DRAWN BY: HEARN/SCAMARA
RECORDED BY: _____

H. KASHYAP
REGISTERED PROFESSIONAL ENGINEER
No. 65209
Exp. 06-30-09
CIVIL
STATE OF CALIFORNIA

TITLE:
SALINAS STATION 103
SITE & GRADING PLAN, DETAILS,
AND STORM WATER MANAGEMENT NOTES
SALINAS

DATE: 11-05-08
PROJECT NO.: 00016005
DRAWING NO.: SLN-4940
SHEET 1 OF 2

STORM WATER POLLUTION PREVENTION PLAN FOR WATER SYSTEM CONSTRUCTION

BEST MANAGEMENT PRACTICES FOR CONSTRUCTION ACTIVITIES

- ERODED SEDIMENT AND OTHER POLLUTANTS MUST BE REMOVED ON SITE AND MAY NOT BE TRANSPORTED FROM THE SITE VIA COLLECTION, SWALES, AREA DRAINS, NATURAL DRAINAGE CHANNELS OR RIVERS.
- STOCKPILES OF DIRT AND OTHER CONSTRUCTION RELATED MATERIALS MUST BE PROTECTED FROM EROSION TRANSPORT FROM THE SITE BY FORCES OF WIND OR WATER.
- FUELS, OILS, SOLVENTS AND OTHER TOXIC MATERIALS MUST BE STORED BY ACCORDANCE WITH THEIR LISTING AND ARE NOT TO CONTAMINATE THE SOIL AND SURFACE WATER. ALL APPROVED STORAGE CONTAINERS ARE TO BE PROTECTED FROM THE WEATHER. SPILLS MUST BE CLEANED UP IMMEDIATELY AND DISPOSED OF IN A PROPER MANNER. SPILLS MAY NOT BE WASHED INTO THE DRAINAGE SYSTEM.
- EXCESS OR WASTE CONCRETE MAY NOT BE WASHED ON SITE.
- TRASH AND CONSTRUCTION RELATED SOLID WASTE MUST BE DEPOSITED INTO A COVERED RECEPTACLE TO PREVENT CONTAMINATION OF RAINWATER AND DISPERSAL BY WIND.
- SEDIMENT AND OTHER MATERIALS MAY NOT BE TRACKED FROM THE SITE BY VEHICLE TRAFFIC. THE CONSTRUCTION ENTRANCE ROADS MUST BE STABILIZED TO AS TO PREVENT SEDIMENT FROM BEING DEPOSITED INTO THE PUBLIC WAY. ACCIDENTAL SEDIMENT MUST BE SWEEP UP IMMEDIATELY AND MAY NOT BE WASHED DOWN BY RAIN OR OTHER MEANS.
- ANY SLOPES WITH DISTURBED SOILS OR DOMESTIC OF VEGETATION MUST BE STABILIZED SO AS TO PREVENT EROSION BY WIND AND WATER.
- SAND BAGS, MAT SAILS AND SILT FENCING SHALL BE AVAILABLE ON SITE AS NECESSARY.
- CONTRACTOR SHALL COMPLY TO CITY OF SALINAS BEST MANAGEMENT PRACTICES, INCLUDING CITY STD 45 & 45A.

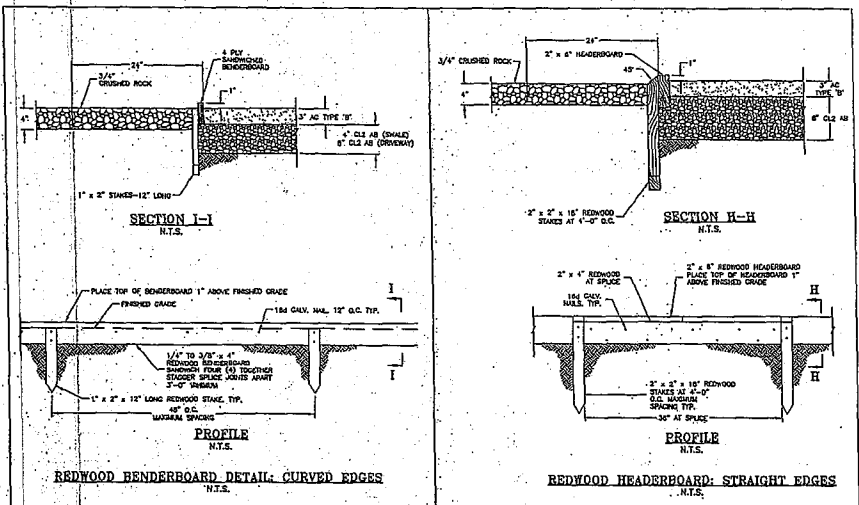


Exhibit E
Page 3 of 11 Pages

SPECIFICATIONS FOR MATERIAL

General Note: All steel bolts and nuts used for flange bolts, flange covers or other components shall be A307 bolts, flange covers, bolts, nuts and washers shall be as specified in the following table...

Flange Bolts: All flange bolts shall be A307 bolts... Flange Nuts: All flange nuts shall be A307 nuts... Flange Covers: All flange covers shall be A307 covers...

SPECIFICATIONS FOR INSTALLATION OF DUCTILE IRON AND POLYVINYL CHLORIDE PRESSURE PIPE AND APPURTENANCES

Excavation: All excavations shall be made by mechanical means... Backfill: Backfill shall be compacted to 95% of maximum density... Connections: All pipe connections shall be made in accordance with the manufacturer's instructions...

When an untested pipe connection is encountered that could provide... PVC pipe: PVC pipe shall be as specified in the following table... PVC fittings: PVC fittings shall be as specified in the following table...

SPECIFICATIONS FOR INSTALLATION OF METAL PIPE AND APPURTENANCES

Excavation: All excavations shall be made by mechanical means... Backfill: Backfill shall be compacted to 95% of maximum density... Connections: All pipe connections shall be made in accordance with the manufacturer's instructions...

TABLE A: ALLOWABLE LEAKAGE PER 100 FT. OF DUCTILE IRON PIPELINE

Table with 6 columns: Allowable Leakage (GPD per 100 ft.), Pipe Size (inches), and various pressure and material specifications.

TABLE B: ALLOWABLE LEAKAGE PER 100 FT. OF PVC PIPELINE

Table with 6 columns: Allowable Leakage (GPD per 100 ft.), Pipe Size (inches), and various pressure and material specifications.

TABLE C: ALLOWABLE LEAKAGE PER 100 FT. OF METAL PIPELINE

Table with 6 columns: Allowable Leakage (GPD per 100 ft.), Pipe Size (inches), and various pressure and material specifications.

TABLE D: ALLOWABLE LEAKAGE PER 100 FT. OF METAL PIPELINE

Table with 6 columns: Allowable Leakage (GPD per 100 ft.), Pipe Size (inches), and various pressure and material specifications.

TABLE E: ALLOWABLE LEAKAGE PER 100 FT. OF METAL PIPELINE

Table with 6 columns: Allowable Leakage (GPD per 100 ft.), Pipe Size (inches), and various pressure and material specifications.

TABLE F: ALLOWABLE LEAKAGE PER 100 FT. OF METAL PIPELINE

Table with 6 columns: Allowable Leakage (GPD per 100 ft.), Pipe Size (inches), and various pressure and material specifications.

TABLE G: ALLOWABLE LEAKAGE PER 100 FT. OF METAL PIPELINE

Table with 6 columns: Allowable Leakage (GPD per 100 ft.), Pipe Size (inches), and various pressure and material specifications.

TABLE H: ALLOWABLE LEAKAGE PER 100 FT. OF METAL PIPELINE

Table with 6 columns: Allowable Leakage (GPD per 100 ft.), Pipe Size (inches), and various pressure and material specifications.

TABLE I: ALLOWABLE LEAKAGE PER 100 FT. OF METAL PIPELINE

Table with 6 columns: Allowable Leakage (GPD per 100 ft.), Pipe Size (inches), and various pressure and material specifications.

TABLE J: ALLOWABLE LEAKAGE PER 100 FT. OF METAL PIPELINE

Table with 6 columns: Allowable Leakage (GPD per 100 ft.), Pipe Size (inches), and various pressure and material specifications.

TABLE K: ALLOWABLE LEAKAGE PER 100 FT. OF METAL PIPELINE

Table with 6 columns: Allowable Leakage (GPD per 100 ft.), Pipe Size (inches), and various pressure and material specifications.

TABLE L: ALLOWABLE LEAKAGE PER 100 FT. OF METAL PIPELINE

Table with 6 columns: Allowable Leakage (GPD per 100 ft.), Pipe Size (inches), and various pressure and material specifications.

TABLE M: ALLOWABLE LEAKAGE PER 100 FT. OF METAL PIPELINE

Table with 6 columns: Allowable Leakage (GPD per 100 ft.), Pipe Size (inches), and various pressure and material specifications.

TABLE N: ALLOWABLE LEAKAGE PER 100 FT. OF METAL PIPELINE

Table with 6 columns: Allowable Leakage (GPD per 100 ft.), Pipe Size (inches), and various pressure and material specifications.

TABLE O: ALLOWABLE LEAKAGE PER 100 FT. OF METAL PIPELINE

Table with 6 columns: Allowable Leakage (GPD per 100 ft.), Pipe Size (inches), and various pressure and material specifications.

TABLE P: ALLOWABLE LEAKAGE PER 100 FT. OF METAL PIPELINE

Table with 6 columns: Allowable Leakage (GPD per 100 ft.), Pipe Size (inches), and various pressure and material specifications.

TABLE Q: ALLOWABLE LEAKAGE PER 100 FT. OF METAL PIPELINE

Table with 6 columns: Allowable Leakage (GPD per 100 ft.), Pipe Size (inches), and various pressure and material specifications.

TABLE R: ALLOWABLE LEAKAGE PER 100 FT. OF METAL PIPELINE

Table with 6 columns: Allowable Leakage (GPD per 100 ft.), Pipe Size (inches), and various pressure and material specifications.

TABLE S: ALLOWABLE LEAKAGE PER 100 FT. OF METAL PIPELINE

Table with 6 columns: Allowable Leakage (GPD per 100 ft.), Pipe Size (inches), and various pressure and material specifications.

TABLE T: ALLOWABLE LEAKAGE PER 100 FT. OF METAL PIPELINE

Table with 6 columns: Allowable Leakage (GPD per 100 ft.), Pipe Size (inches), and various pressure and material specifications.

TABLE U: ALLOWABLE LEAKAGE PER 100 FT. OF METAL PIPELINE

Table with 6 columns: Allowable Leakage (GPD per 100 ft.), Pipe Size (inches), and various pressure and material specifications.

TABLE V: ALLOWABLE LEAKAGE PER 100 FT. OF METAL PIPELINE

Table with 6 columns: Allowable Leakage (GPD per 100 ft.), Pipe Size (inches), and various pressure and material specifications.

TABLE W: ALLOWABLE LEAKAGE PER 100 FT. OF METAL PIPELINE

Table with 6 columns: Allowable Leakage (GPD per 100 ft.), Pipe Size (inches), and various pressure and material specifications.

TABLE X: ALLOWABLE LEAKAGE PER 100 FT. OF METAL PIPELINE

Table with 6 columns: Allowable Leakage (GPD per 100 ft.), Pipe Size (inches), and various pressure and material specifications.



DEPARTMENT OF WATER RESOURCES... STATE OF CALIFORNIA... WATER SERVICE DIVISION...

REVISIONS: A list of revision numbers and dates for the document.

SCALE: A scale indicator for the drawing.

TITLE: CALIFORNIA WATER SERVICE COMPANY... PROJECT: [Project Name]... DRAWING NO.: [Drawing Number]... DATE: [Date]

EXHIBIT: A list of exhibit items and their descriptions.

APPROVED: [Signature]... [Title]

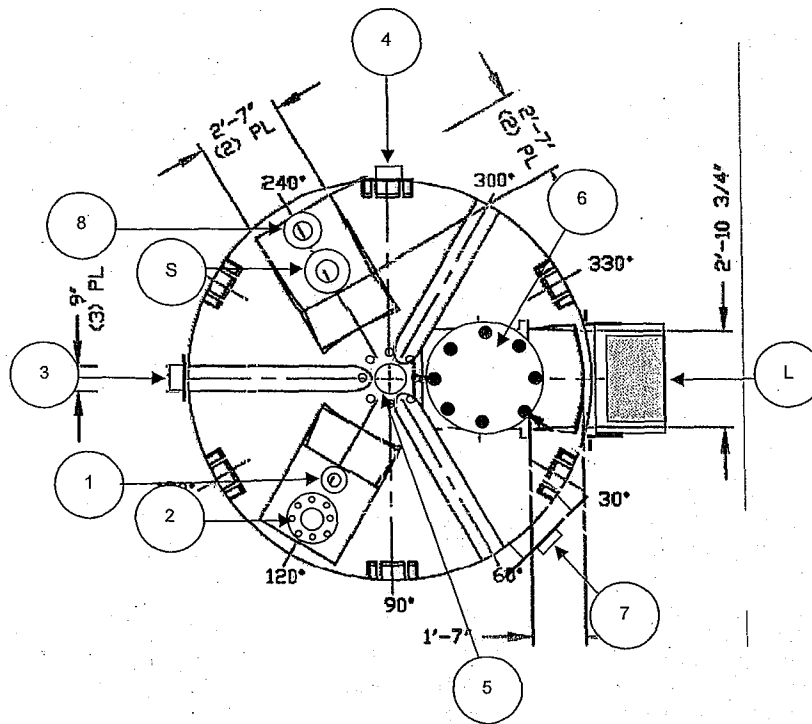
DATE: [Date]

CHECK NO.: [Check Number]... DATE: [Date]

SCALE: [Scale]

Page 5 of 11 Pages

42.5 Ton BrineMaker Typical Orientation



Notes:

- Side Manway, Water Level Control, Aluminum Access Ladder and Salt Level Indication are optional features
- Fill tank to 36" with water before accepting first load of salt
- Ground salt fill line according to local requirements

Drawing Number: 42.5 Ton BrineMaker

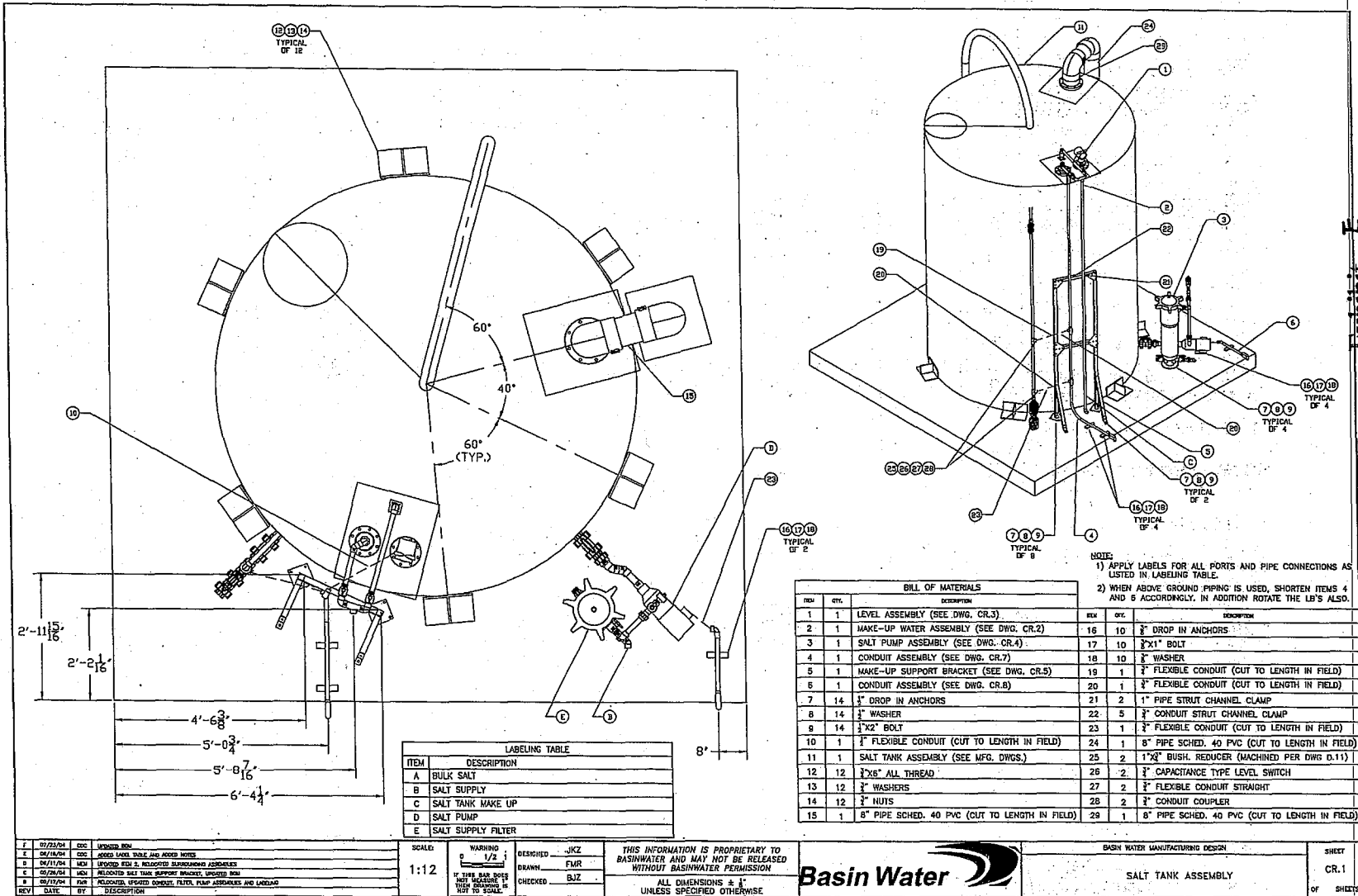
Customer	Date
Purchase Order Number	Project Reference/Location
Tank Identification 42.5 Ton BrineMaker	Tank Material of Construction Crosslink Polyethylene
Tank Model Number 11009100110	Design Specific Gravity 1.35
Capacity (Gallons) 9100	Design Temperature & Pressure 100°F & Atmospheric
Dimensions (Diameter x Height) 12' x 12'11"	Tank Color Natural/Translucent
Seismic Zone & Restraint Model Number Zone IV: #AC13-6/6	Chemical to be Stored Salt Brine Solution

Mark	Degree	Radius	Height	Size	Description
1	120	Min	---	1.5"	Water Inlet #7504 SS-MPT w/Distribution Head
2	120	Max	---	8"	Vent Assembly #6240 PVC Flg #4746 1/2" XLPE Gskt, (8) #5012 SS Studs (8) #3209 EPDM Gskt
3	180	---	6"	2"	Brine Plenum #7507 SS-MPT w/PVC Manifold w/FRP Screen
4	270	---	6"	1.5"	Drain SS-MPT w/Diptube, Screen & Valve #7504/3125/3184/SP594
5	TDC	---	---	4"	Salt Inlet 4" Flg Pattern w/4.75" ID Hole & 11/16" Bolt Holes
6	0	30"	---	24"	Sealed Manway #3250
7	45	---	36"	24"	Side Manway - 304SS
8	240	Max	---	3"	Water Level Control PVC/FPT w/Downpipe#7122/3168/3197/3209
L	0	---	---	---	Aluminum Access Ladder w/Deck
S	Min	24"	---	3"	Salt Level Indication PVC/FPT



by Core-Rosion Products
 3395 E. 19th Street
 Signal Hill A 90755
 562-986-5238 FAX 986-5246
 info@core-rosion.com

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ITEM	DESCRIPTION
A	BULK SALT
B	SALT SUPPLY
C	SALT TANK MAKE UP
D	SALT PUMP
E	SALT SUPPLY FILTER

ITEM	QTY.	DESCRIPTION	REV.	QTY.	DESCRIPTION
1	1	LEVEL ASSEMBLY (SEE DWG. CR.3)			
2	1	MAKE-UP WATER ASSEMBLY (SEE DWG. CR.2)	16	10	3" DROP IN ANCHORS
3	1	SALT PUMP ASSEMBLY (SEE DWG. CR.4)	17	10	3/4"x1" BOLT
4	1	CONDUIT ASSEMBLY (SEE DWG. CR.7)	18	10	3" WASHER
5	1	MAKE-UP SUPPORT BRACKET (SEE DWG. CR.5)	19	1	3" FLEXIBLE CONDUIT (CUT TO LENGTH IN FIELD)
5	1	CONDUIT ASSEMBLY (SEE DWG. CR.8)	20	1	3" FLEXIBLE CONDUIT (CUT TO LENGTH IN FIELD)
7	14	1" DROP IN ANCHORS	21	2	1" PIPE STRUT CHANNEL CLAMP
8	14	3/4" WASHER	22	5	3" CONDUIT STRUT CHANNEL CLAMP
9	14	3/4"x2" BOLT	23	1	3" FLEXIBLE CONDUIT (CUT TO LENGTH IN FIELD)
10	1	3" FLEXIBLE CONDUIT (CUT TO LENGTH IN FIELD)	24	1	8" PIPE SCHED. 40 PVC (CUT TO LENGTH IN FIELD)
11	1	SALT TANK ASSEMBLY (SEE MFG. DWGS.)	25	2	1"x2" BUSH, REDUCER (MACHINED PER DWG D.11)
12	12	3/8"x6" ALL THREAD	26	2	3" CAPACITANCE TYPE LEVEL SWITCH
13	12	3" WASHERS	27	2	3" FLEXIBLE CONDUIT STRAIGHT
14	12	3" NUTS	28	2	3" CONDUIT COUPLER
15	1	8" PIPE SCHED. 40 PVC (CUT TO LENGTH IN FIELD)	29	1	8" PIPE SCHED. 40 PVC (CUT TO LENGTH IN FIELD)

REV.	DATE	BY	DESCRIPTION
1	07/23/04	DEC	ISSUED REV.
2	08/18/04	DEC	ADDED MAKE UP AND ADDS NOTES
3	08/11/04	MDH	ISSUED REV. 2, INDOICATED SUBSEQUENT APPROVALS
4	08/26/04	MDH	RELOCATED SALT TANK SUPPORT BRACKETS, ISSUED REV.
5	08/17/04	MDH	RELOCATED, REVED. CONDUIT, FILTER, PUMP ASSEMBLY AND LAYOUT

SCALE: 1:12	WARNING: IF THE BAR DOES NOT MATCH, IT IS NOT TO SCALE	DESIGNED: J.K.Z.	DRAWN: F.M.R.	CHECKED: B.J.Z.
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THIS INFORMATION IS PROPRIETARY TO BASINWATER AND MAY NOT BE RELEASED WITHOUT BASINWATER PERMISSION

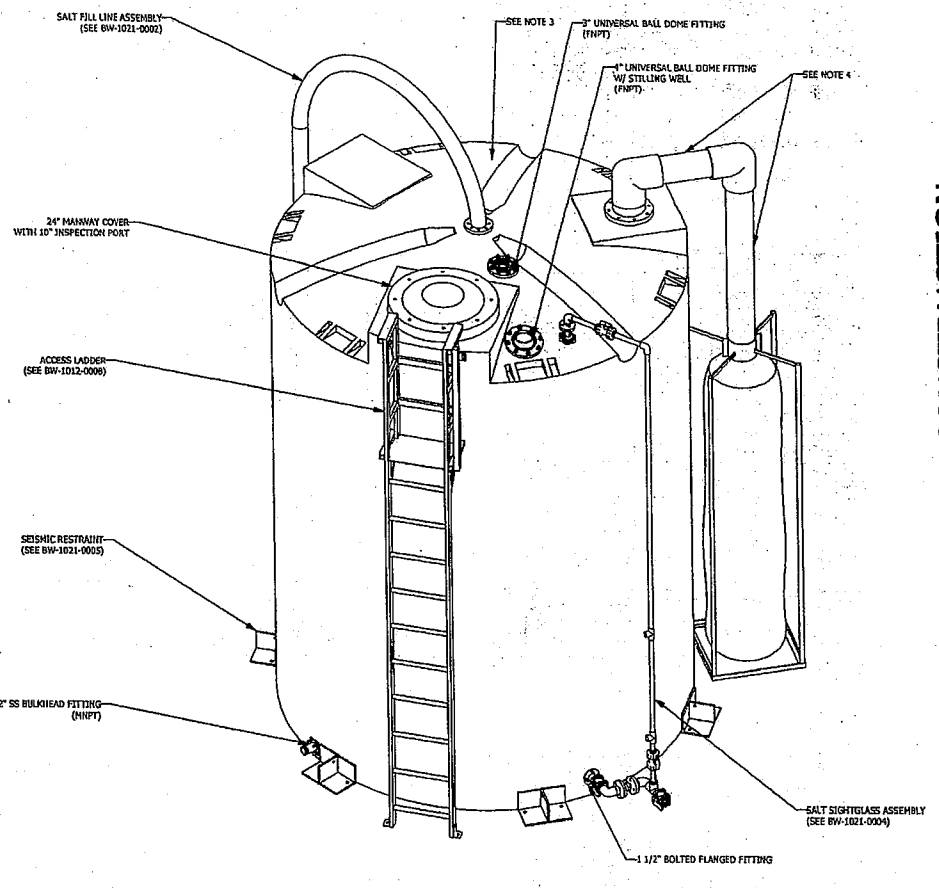
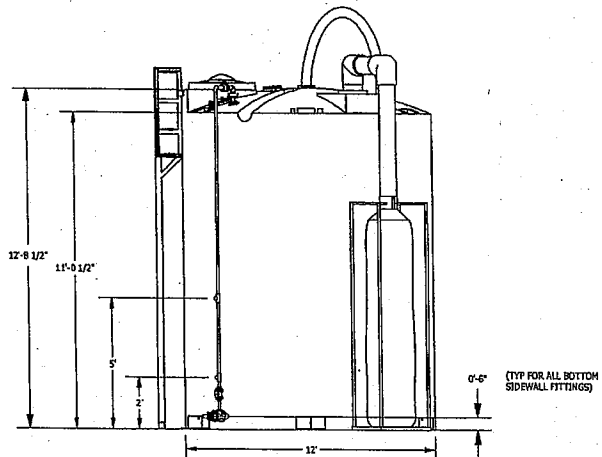
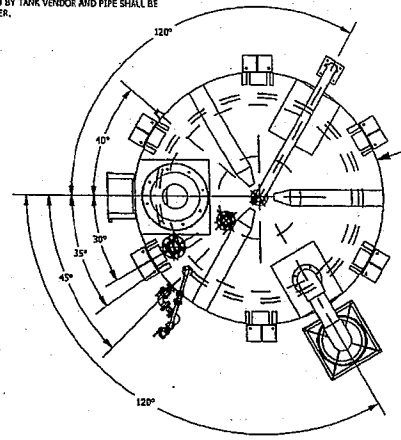
ALL DIMENSIONS ± 1" UNLESS SPECIFIED OTHERWISE



BASIN WATER MANUFACTURING DESIGN	SHEET CR.1
SALT TANK ASSEMBLY	OF SHEETS

NOTES:

- 1) MANUFACTURER WILL PROVIDE THE FOLLOWING TANK AS SHOWN.
- 2) TANK COLOR: BLACK
- 3) TANK INCLUDES PVC COLLECTION PLENUM.
- 4) IF FITTINGS PROVIDED BY TANK VENDOR AND PIPE SHALL BE PROVIDED BY BASIN WATER.



NO.	DATE	BY	DESCRIPTION	ZONE
NC 02/15/07		WTC	ORIGINAL DRAWING	

SCALE:
NOT TO SCALE

WARNING
IF THIS BAA DOES NOT PRODUCE THE TANK SAFELY, IT IS NOT TO SCALE.

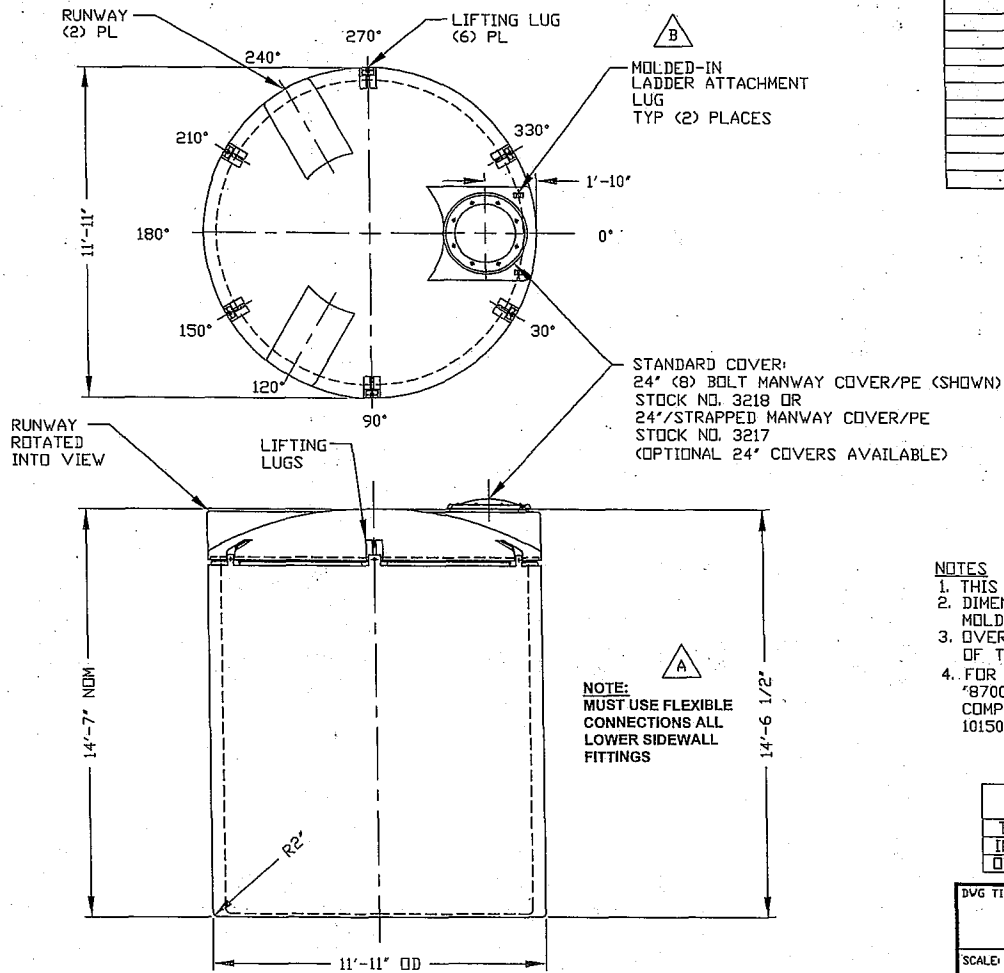
DESIGNED: JKT
DRAWN: YZG
CHECKED: JKT

THIS INFORMATION IS PROPRIETARY TO BASIN WATER AND MAY NOT BE RELEASED WITHOUT BASIN WATER PERMISSION
ALL DIMENSIONS ± 1/8" UNLESS SPECIFIED OTHERWISE



PROJECT NO.	UNIT TYPE	DWG. NO.
	9100 GALLON SALT TANK	BW-1001-0001

DRAFT - NOT FOR CONSTRUCTION Exhibit E



NOZZLE SCHEDULE & ACCESSORIES					
SERVICE	MK	STOCK NO.	SIZE	FITTING	DEG ELEV

- NOTES**
- THIS IS A COMPUTER GENERATED DWG. DO NOT REVISE BY HAND.
 - DIMENSIONS WILL VARY ±3% DUE TO VARIATIONS IN MULTIPLE MOLDS & CONDITIONS PREVALENT DURING MANUFACTURE & USAGE.
 - OVERALL HEIGHT DIMENSION WILL VARY WITH THE PENETRATION OF THE INSIDE TANK INTO THE OUTSIDE TANK.
 - FOR INNER TANK DTLS SEE COMPUTER FILE NO: 2008700, TITLE '8700 GALLON INNER SAFE-TANK' FOR OUTER TANK DTLS SEE COMPUTER FILE NO. 2110150, TITLE '8700 GALLON OUTER SAFE-TANK/ 10150 GALLON OPEN TOP TANK.'

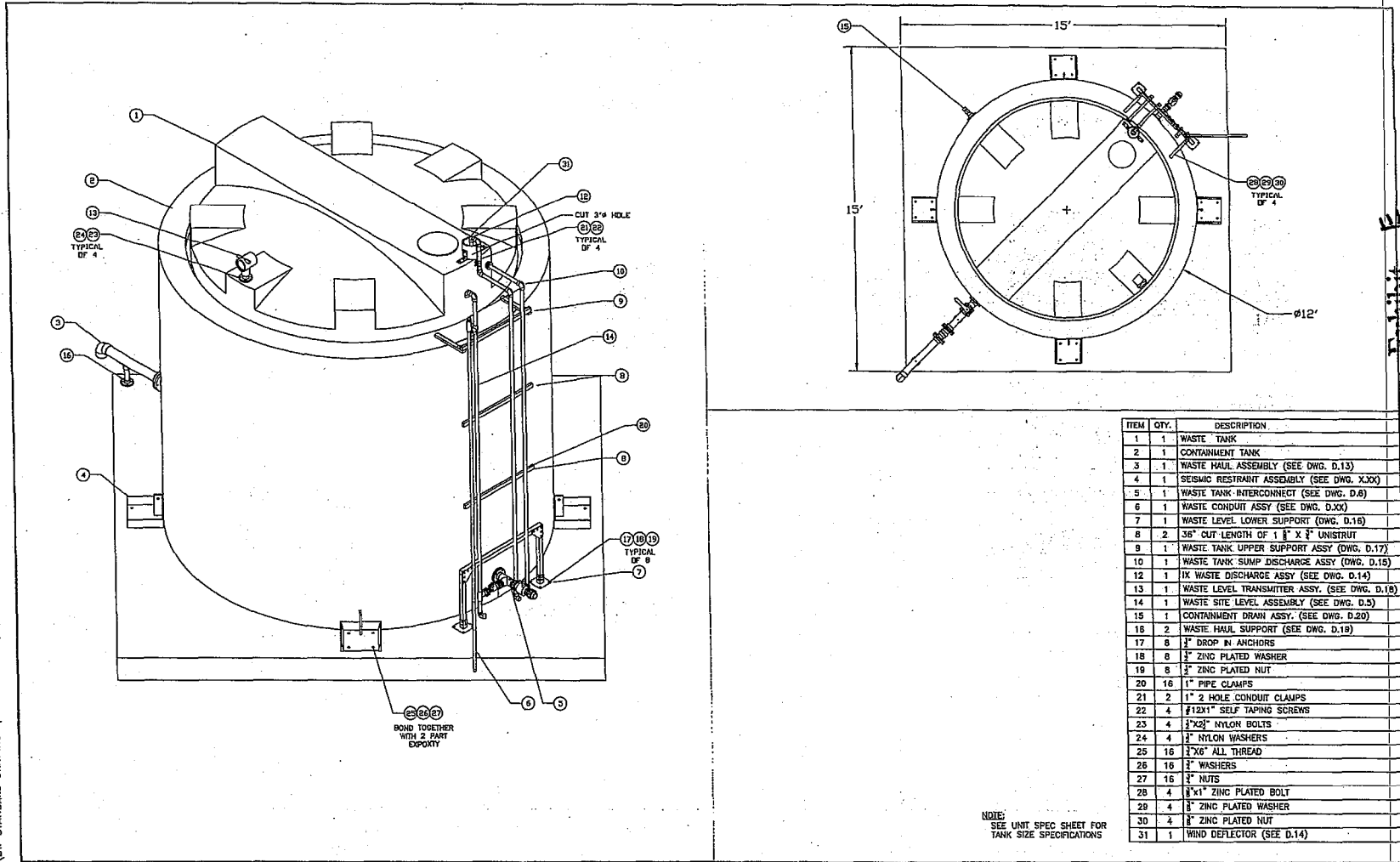
CALCULATED CAPACITIES/ VOLUME IN U.S. GALLONS			
TANK	DESIGN CAP	DOME VOL	TOTAL VOL
INNER	8727	675	9402
OUTER	10174	N/A	10174

CONFIDENTIAL PROPERTY OF
POLY PROCESSING COMPANY
NOT FOR REPRINT OR USE
WITHOUT PERMISSION

DWG TITLE
8700 GALLON SAFE-TANK ASSEMBLY

SCALE: 1/4"=1'-0"	<p>Central Region P.O. Box 1120 Grand 285 East Washington St. Houma, LA 70703 CITY 343-7600 FAX 343-6795</p>	DR: MB WILKERSON
DATE: 12/7/99		CK: D. RECTOR
<p>REV 'B' ADDED LADDER ATTACHMENT LUGS BY JB 9/22/04 CK/WM REV 'A' ADDED FITTING NOTE BY MBW 4/16/03 CK/JB</p>		<p>SHEET 1 OF 1 COMPUTER FILE 2008700A REV B</p>

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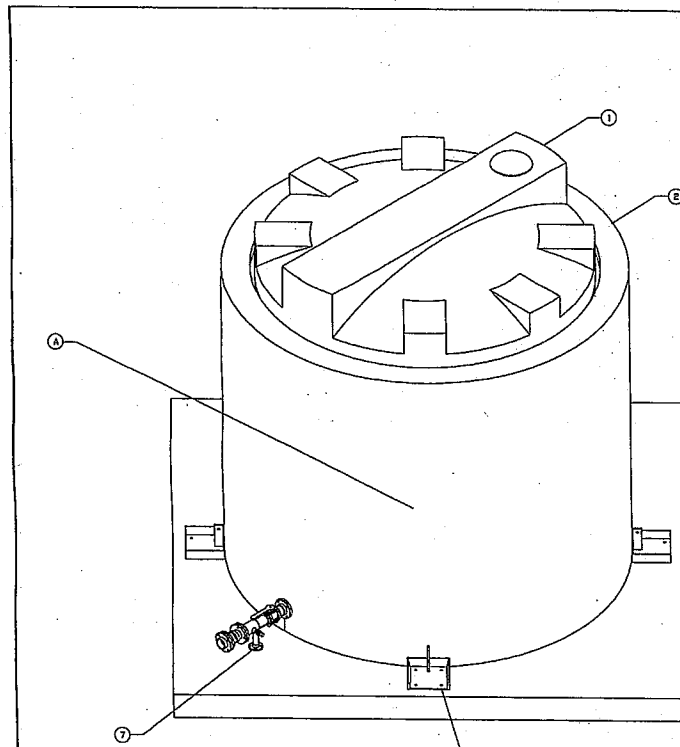


ITEM	QTY.	DESCRIPTION
1	1	WASTE TANK
2	1	CONTAINMENT TANK
3	1	WASTE HAUL ASSEMBLY (SEE DWG. D.13)
4	1	SEISMIC RESTRAINT ASSEMBLY (SEE DWG. X.300)
5	1	WASTE TANK INTERCONNECT (SEE DWG. D.8)
6	1	WASTE CONDUIT ASSY (SEE DWG. D.34)
7	1	WASTE LEVEL LOWER SUPPORT (DWG. D.16)
8	2	36" CUT LENGTH OF 1 1/2" X 1/2" UNISTRUT
9	1	WASTE TANK UPPER SUPPORT ASSY (DWG. D.17)
10	1	WASTE TANK SUMP DISCHARGE ASSY (DWG. D.15)
12	1	IX WASTE DISCHARGE ASSY (SEE DWG. D.14)
13	1	WASTE LEVEL TRANSMITTER ASSY. (SEE DWG. D.18)
14	1	WASTE SITE LEVEL ASSEMBLY (SEE DWG. D.5)
15	1	CONTAINMENT DRAIN ASSY. (SEE DWG. D.20)
16	2	WASTE HAUL SUPPORT (SEE DWG. D.19)
17	8	3" DROP IN ANCHORS
18	8	3" ZINC PLATED WASHER
19	8	3" ZINC PLATED NUT
20	16	1" PIPE CLAMPS
21	2	1" Ø HOLE CONDUIT CLAMPS
22	4	1/2"Ø SELF TAPING SCREWS
23	4	1/2"Ø NYLON BOLTS
24	4	3" NYLON WASHERS
25	16	1/2"Ø ALL THREAD
26	16	3" WASHERS
27	16	3" NUTS
28	4	8"x1" ZINC PLATED BOLT
29	4	8" ZINC PLATED WASHER
30	4	8" ZINC PLATED NUT
31	1	WIND DEFLECTOR (SEE D.14)

NOTE:
SEE UNIT SPEC SHEET FOR
TANK SIZE SPECIFICATIONS

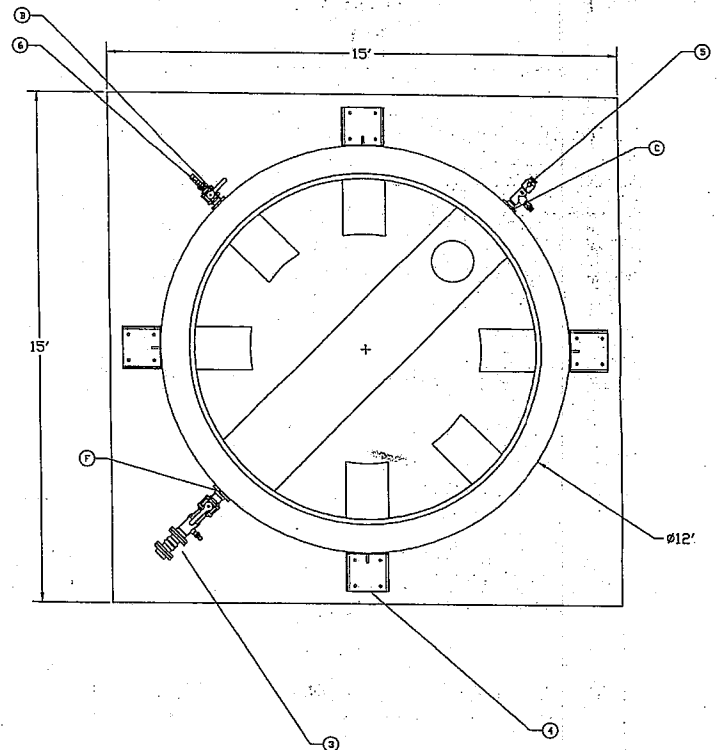
<table border="1"> <tr><td>REV</td><td>DATE</td><td>BY</td><td>DESCRIPTION</td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </table>			REV	DATE	BY	DESCRIPTION													SCALE: 1:2 WARNING: IF THIS SEAL DOES NOT RELIABLY SEAL YOUR EQUIPMENT, IT IS NOT TO SCALE.	DESIGNED: JKZ DRAWN: CC CHECKED: BJZ	THIS INFORMATION IS PROPRIETARY TO BASINWATER AND MAY NOT BE RELEASED WITHOUT BASINWATER PERMISSION ALL DIMENSIONS ± 1" UNLESS SPECIFIED OTHERWISE		BASIN WATER MANUFACTURING DESIGN PRIMARY WASTE TANK ASSEMBLY (BELOW GROUND PIPING)	SHEET: D.2 OF: 3 SHEETS
REV	DATE	BY	DESCRIPTION																					

W:\CAD\BW STANDARD DRAWINGS\1000 GPM Unit\Deployment\0.27-secondarywastetankassembly\Rev.B.dwg, 1/24/2005 11:28:23 AM



BOND TOGETHER WITH 2 PART EPOXY

LABELING TABLE	
ITEM	DESCRIPTION
A	BRINE WATER NOT FOR DRINKING
B	CONTAINMENT DRAIN
C	WASTE TANK INTERCONNECT
F	HULLER CONNECTION



NOTE:
1) APPLY LABELS FOR ALL PORTS AND PIPE CONNECTIONS AS LISTED IN LABELING TABLE

ITEM	QTY.	DESCRIPTION
1	1	WASTE TANK
2	1	WASTE CONTAINMENT TANK
3	1	WASTE HAUL ASSEMBLY (SEE DWG. D.25)
4	1	SEISMIC RESTRAINT ASSEMBLY
5	1	WASTE TANK INTERCONNECT (SEE DWG. D.5)
6	1	CONTAINMENT DRAIN ASSY. (SEE DWG. D.20)
7	1	WASTE HAUL SUPPORT (SEE DWG. D.19)
8	16	3/8" ALL THREAD
9	16	3/8" WASHERS
10	16	3/8" NUTS

REV#	DATE	BY	DESCRIPTION
B	02/18/04	CSG	ISSUED FOR S
A	06/27/04	MFL	ISSUED FOR S, UPDATED ROW
HC	02/26/04	FML	ORIGINAL DRAWING
REV#	DATE	BY	DESCRIPTION

SCALE: 1:18



DESIGNED JKZ
DRAWN FMR
CHECKED BJZ

THIS INFORMATION IS PROPRIETARY TO BASINWATER AND MAY NOT BE RELEASED WITHOUT BASINWATER PERMISSION
ALL DIMENSIONS ± 1" UNLESS SPECIFIED OTHERWISE



BASIN WATER MANUFACTURING DESIGN
SECONDARY WASTE TANK ASSEMBLY (ABOVE GROUND PIPING)
SHEET D.27 OF SHEETS