CITY OF ORTING

900 Rocky Rd NE
Orting, WA 98360

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(360) 893-9039

Water Resource Recovery Facility (WRRF) Lagoon Solids Removal and Hauling
Addendum 2

Posted: October 10, 2025
By: Ryan McBee, Public Works Director

The City of Orting is issuing Addendum 2, which includes the following changes and modifications:

1. The bid submittal deadline has been extended to October 20, 2025, at 3:00 p.m. PST.

2. Appendix D was not included in original posting and is attached.

3. Bid Bond Form and Requirement: The "Bid Bond" form is to be completed by the bidder and the surety company unless bid is accompanied by a certified check, postal money order, cash, or cashier's check. The amount of this deposit shall not be less than five (5) percent of the total amount of the Bid Proposal and may be shown in dollars or on a percentage basis. Bid Bond Form is attached.

4. Payment and Performance Bonds can be on the surety's form.

5. Measurement of Quantities:

    a) Supplemented with the Bid items that are to be measured by the "dry ton" measurement information. Payment information has been modified.

    b) Quantities: Payment to the Contractor will be made only for the actual quantities of work performed and completed in conformance with the Contract. When the quantities of work vary from the original bid quantities, payment will be made on the unit contract price for completed work regardless of the increase or decrease from said original quantity. The Contractor shall not exceed the bid quantity of "Solids Removal: Pump Solids from Cell 3, Haul Solids, and Deliver to Facility", per dry ton, without first obtaining a change order from the City. The City shall not be obligated to compensate the Contractor for exceeding the unit bid quantity. If the Contractor disturbs an allegedly changed condition prior to inspection by the City, and has not received a written confirmation from the City that such an inspection has occurred, the Contractor waives any and all claims for additional compensation for materials and or

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additional work. Additionally, the Contractor waives any and all claims for time extensions associated with the allegedly changed condition. Changed conditions that result from negligence or inattention on the part of the Contractor or his subcontractor(s) will not be considered eligible for additional compensation or time extensions.

6. Clarify the number of days is 40 “working” days.

7. It shall be the Contractor’s responsibility to maintain the interior of the hauling vessel in a manner to prevent the buildup of solids, sludge and any debris that would cause the empty truck weight of the vehicle to be affected in any way. The Contractor will be required to clean the vessel at the direction of the City. Should it be determined that loads were hauled with significant buildup of solids, sludge or debris that would affect the empty weight of the hauling vessel, the City will make the final determination of the weight to be deducted from these loads. The City may determine that no payment will be made for loads with excessive buildup of solids, sludge or debris.

8. Variation in Estimated Quantities: Payment to the Contractor will be made only for the actual quantities of Work performed and accepted in conformance with the Contract. When the accepted quantity of Work performed under a unit item varies from the original Proposal quantity, payment will be at the unit Contract price for all Work unless the total accepted quantity of the Contract item, adjusted to exclude added or deleted amounts included in change orders accepted by both parties, increases or decreases by more than 25 percent from the original Proposal quantity, and if the total extended bid price for that item at time of award is equal to or greater than 10 percent of the total contract price at time of award.

9. Contractor shall repair and reset existing curtain instead of replace. Any repairs shall be made with like in kind materials. See attached “Lagoon and Grading Plan sheets.

10. Contractors shall use the revised Price Sheet attached to this addendum.

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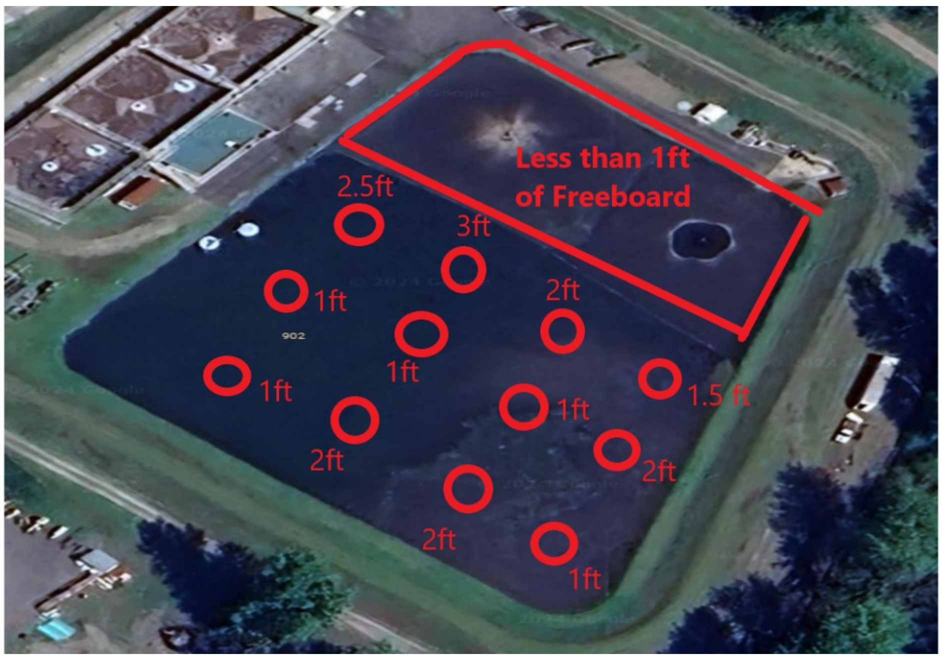
Appendix D

WRRF Lagoon Depths
Collected April 9, 2024

The numbers displayed are what storage capacity we have remaining, showing the depths from surface of water to the top layer of sludge.



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BID BOND

KNOW ALL MEN BY THESE PRESENTS that we, the undersigned, ________________________
____
as Principal, and ____
as Surety, are hereby held and firmly bound unto _________________________________
as Owner in the penal sum of ____
for the payment of which, well and truly made, we hereby jointly and severally bind ourselves, our heirs, executors, administrators, successors, and assigns.

SIGNED this ______ day of ____________________, 20___.

The condition of the above obligation is such that whereas the Principal has submitted to _________
____
a certain bid, attached hereto and hereby made a part hereof into a Contract in writing for the:

WRRF Lagoon Solids Removal and Hauling

NOW THEREFORE,

a) If said bid shall be rejected or in the alternate,
b) If said bid shall be accepted and the Principal shall execute and deliver a Contract in the form of Contract attached hereto (properly completed in accordance with said bid), and shall furnish a bond for his faithful performance of said Contract, and for the payment of all persons performing labor or furnishing materials in connection therewith, and shall in all other respects perform the Agreement created by the acceptance of said bid, then this obligation shall be void; otherwise, the same shall remain in force and effect; it being expressly understood and agreed that the liability of the Surety for any claims hereunder shall in no event exceed the penal amount of this obligation as herein stated.

The Surety, for value received, hereby stipulates and agrees that the obligations of said Surety and its bond shall be in no way impaired or affected by any extension of the time within which the Owner may accept such bid, and said Surety does hereby waive notice of any extension.

IN WITNESS WHEREOF: The Principal and the Surety have hereunto set their hands and seals, and such of them as are corporations have caused their corporate seals to be hereto affixed and these presents to be signed by their proper officers, the day and year first set forth above.

Principal
SEAL:

Surety
By:

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Measurement of Quantities is supplemented with the following:

Bid items that are to be measured by the "dry ton" will be measured as follows:

1. The "dry ton" unit of measurement will be calculated by taking the dry weight of solids transported minus the weight of processing chemicals used.
2. To calculate the dry weight of solids, a minimum of three random samples shall be extracted from each truckload and composited to make one daily average sample. Half of the daily average sample shall be retained by the City of Orting and half shall be sent to an independent testing lab provided by the Contractor to determine the daily percent total solids using the Standard Methods for Examination of Water and Wastewater, Standard Method 2540 for total solids dried at 103 to 105 degrees C. Truck scale tickets shall be provided to the City by the Contractor for each truckload. The weight in tons of the total solids hauled will be calculated based on the sum of the daily truck tickets multiplied by the daily percent solids determined by the independent testing lab shall equal the dry weight of solids transported.
3. The Owner has no facilities or equipment to weigh the materials to be removed. The Contractor shall provide a certified legal and calibrated scale for truck weighing to weigh every load of removed solids and sludge. The location of the scale shall be within 20 miles of the Orting Water Resource Recovery Facility and preapproved during the submittal process prior to hauling. The truck scale shall be in a location that is accessible by the City during hauling operations. Truck scale tickets must be submitted to the City within 24 hours of unloading for each truckload of chemicals. Similar documentation suitable to establish weight of solids removed shall be provided within 24 hours of transport of each load from the site. The Contractor shall keep track of the amount of chemical added during the dewatering process. If the chemical is being added by the bag, the Contractor shall save each empty bag used and provide to the City for weight verification. If the chemical is being added in liquid form, the Contractor shall submit a means of verifying the weight of chemical added to the City for approval. Daily pound totals of the chemicals added shall be provided to the City. All chemical additions shall occur on site and all chemicals are incidental to the contract.
4. The Contractor shall be responsible for obtaining the representative samples to be tested for percent solids under the direct supervision of the City or its representative. The Contractor shall notify the City when samples are going to be collected, and remove samples using a method approved by the City. All samples shall be collected before the truck leaves the site. Sample results shall be returned to the City within 48 hours from the sample extraction time.
5. The analysis of percent solids shall be conducted by a Washington Department of Ecology accredited laboratory approved by both the City and the Contractor. The details of sampling

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protocol used to obtain the representative samples shall be determined by both the City and the Contractor. Sampling and testing work shall be paid for by the Contractor and shall be considered incidental to the "Solids Removal: Pump Solids from Cell 3, Haul Solids, and Deliver to Facility", per dry ton, unit bid item.

It shall be the Contractor's responsibility to maintain the interior of the hauling vessel in a manner to prevent the buildup of solids, sludge and any debris that would cause the empty truck weight of the vehicle to be affected in any way. The Contractor will be required to clean the vessel at the direction of the City. Should it be determined that loads were hauled with significant buildup of solids, sludge or debris that would affect the empty eight of the hauling vessel, the City will make the final determination of the weight to be deducted from these loads. The City may determine that no payment will be made for loads with excessive buildup of solids, sludge or debris.

Bid items that are to be measured by the 'dry ton' will be measured by one of the two following methods determined by the process selected by the Contractor:

Option 1

1. The 'dry ton' unit of measurement will be calculated by taking the dry weight of solids transported minus the weight of processing chemicals used.
2. To calculate the dry weight of solids, a minimum of three random samples of equal volume shall be extracted from each truckload and composited to make one daily average sample. Half of the daily average sample shall be retained by the City of Orting and half shall be sent to an independent testing lab provided by the Contractor to determine the daily percent total solids using the Standard Methods for Examination of Water and Wastewater, Standard Method 2540 for total solids dried at 103 to 105 degrees C. Truck scale tickets shall be provided to the City by the Contractor for each truckload. The weight in tons of the total solids hauled based on the sum of the daily truck tickets multiplied by the daily percent solids determined by the independent testing lab shall equal the dry weight of solids transported.
3. Truck scale tickets must be submitted to the Engineer within 24 hours of unloading for each truckload of chemicals. Similar documentation suitable to establish weight of solids removed shall be provided within 24 hours of transport of each load from the site. The Contractor shall keep track of the amount of chemical added during the dewatering process. If the chemical is being added by the bag, the Contractor shall save each empty bag used and provide to the City for weight verification. If the chemical is being added in liquid form, the Contractor shall submit a means of verifying the weight of chemical added to the City for approval and shall

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be within an accuracy of plus or minus 2 pounds. Daily pound totals of the chemicals added shall be provided to the City. All chemical additions shall occur on-site and all chemicals are incidental to the Contract.

4. The Contractor shall be responsible for obtaining the representative samples to be tested for percent solids under the direct supervision of the City or its representative. The Contractor shall notify the City when samples are going to be collected, and remove samples using a method approved by the City. All samples shall be collected before each truck leaves the site. Sample results shall be returned to the City within 48 hours from the sample extraction time.
5. The analysis of percent solids shall be conducted by a Washington Department of Ecology accredited laboratory approved by both the City and the Contractor. The details of sampling protocol used to obtain the representative samples shall be determined by both the City and the Contractor. Sampling and testing work shall be paid for by the Contractor and shall be considered incidental to the 'Solids Removal: Pump Solids from Cell 3, Haul Solids, and Deliver to Facility', per dry ton, unit bid item.

OR Option 2

1. A sample will be taken once every hour of dredge operation from a mixing unit to ensure representative sample. Sample will be collected with a 'dip jar' (container on an 8-foot pole). The hourly sample will be placed in a container from which three composite samples are taken each day.
2. Composite sample jar will be mixed prior to three samples being taken. One sample will be sent to a certified lab, approved by the City, for percent solids testing; one will be given to City; and one will be archived. The Contractor shall be responsible for all testing costs.
3. The results from the certified lab will be utilized for quantity calculation purposes unless the archived sample is tested.
4. Total volume hauled each day will be determined by haul records and volume of each truck. Truck volume will be calculated by weighing each truck empty and then full of water. Then dividing the net weight by 8.34 to determine gallons.
5. Any new trucks or trailers brought on the project will establish volume on the first load. At any time, the City, or their Engineer, can request trucks to re-weigh to verify volume.
6. Three sets of haul records shall be maintained by the Contractor. Each truck driver will record loads hauled on a 'Daily Load Sheet' and include load-out time. Personnel loading trucks will keep a daily record that includes, truck number, truck volume, driver, and load-out time. At the application site, a record will be kept and include time of delivery, truck number, and volume. A copy of all daily records will be provided to the City each day. Should the Contractor fail to deliver all daily records at the conclusion of each workday, payment will

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not be made to the Contractor for quantities hauled during that workday. Should a discrepancy occur between the three sets of records, the lowest quantity shown on one of the three records will be paid.

7. Daily dry tons hauled will be calculated from percent solids, (first from on-site testing then corrected with certified lab result), multiplied times the weight hauled that day (% solids X gallon X 8.34 lbs/gallon= lbs solids)."

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Payment **New Section**

Payment will be made in accordance with Section 1-04.1 for the following bid items:

"Solids Removal: Pump Solids from Cell 3, Haul Solids, and Deliver to Facility", per dry ton.
"Pump Solids from Cell 2 and then 1 into Cell 3. (If not pumped as part of item 1.), per dry Tons. ~~or Gallons.~~

The unit contract price per dry ton for solids removal shall be full pay for furnishing, hauling, assembling, sampling and testing, chemicals and chemical addition, and maintaining all items associated with pumping, screening, dewatering, hauling, monitoring, record keeping, reporting, disposing, complying with Federal and State regulations for solids, and all labor and materials incidental to these work items. Lab testing shall be incidental to this pay item.

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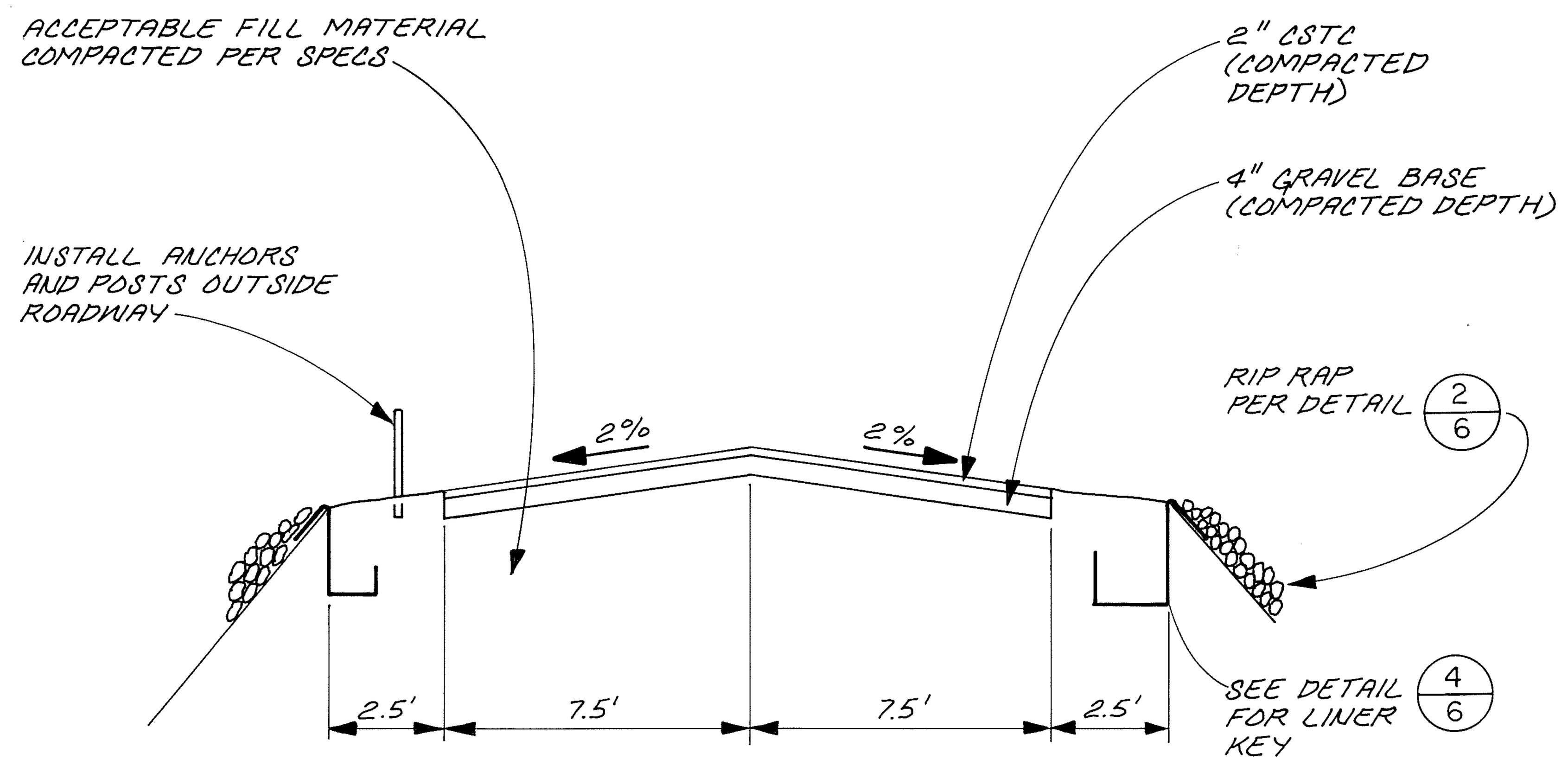
SECTION 3
WRRF LAGOON SOLIDS REMOVAL AND HAULING
REVISED PRICE SHEET

Items No.	Task Description	Unit	Quantity	Unit Price	Total Cost
1	Solids Removal: Pump Solids from Cell 3, Haul Solids, and Deliver to Facility	Dry Tons	500		
2	Pump Solids from Cell 2 and then 1 into Cell 3. *(If not pumped as part of item 1.)*	Dry Tons	TBD		
3	Repair and Reset Curtains and Anchoring Systems between Cells 1, 2 and 3 1 Qty 90-foot section 1 Qty 200-foot section	LS	2		
	Subtotal				
	Sales Tax 9.5%				
	Total Estimate				

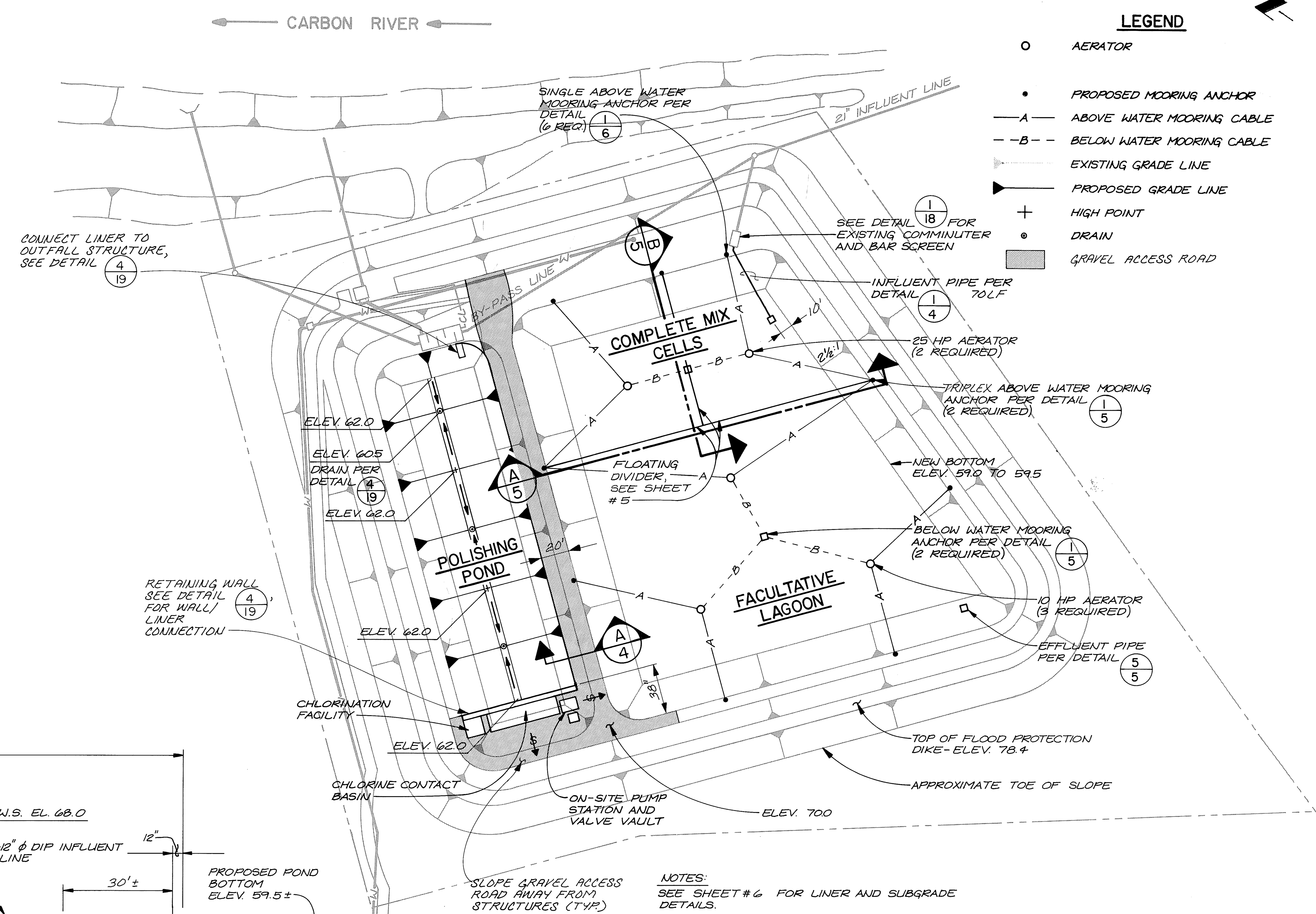
Note: Above prices are as estimated per this contract. Unit prices shall remain firm for the contract period. Price should include any mobilization costs.



GRAVEL ACCESS ROAD
SECTION A/4
NTS

LEGEND

- AERATOR
- PROPOSED MOORING ANCHOR
- —A— ABOVE WATER MOORING CABLE
- – –B– – BELOW WATER MOORING CABLE
- EXISTING GRADE LINE
- PROPOSED GRADE LINE
- + HIGH POINT
- DRAIN
- GRAVEL ACCESS ROAD



NOTES:

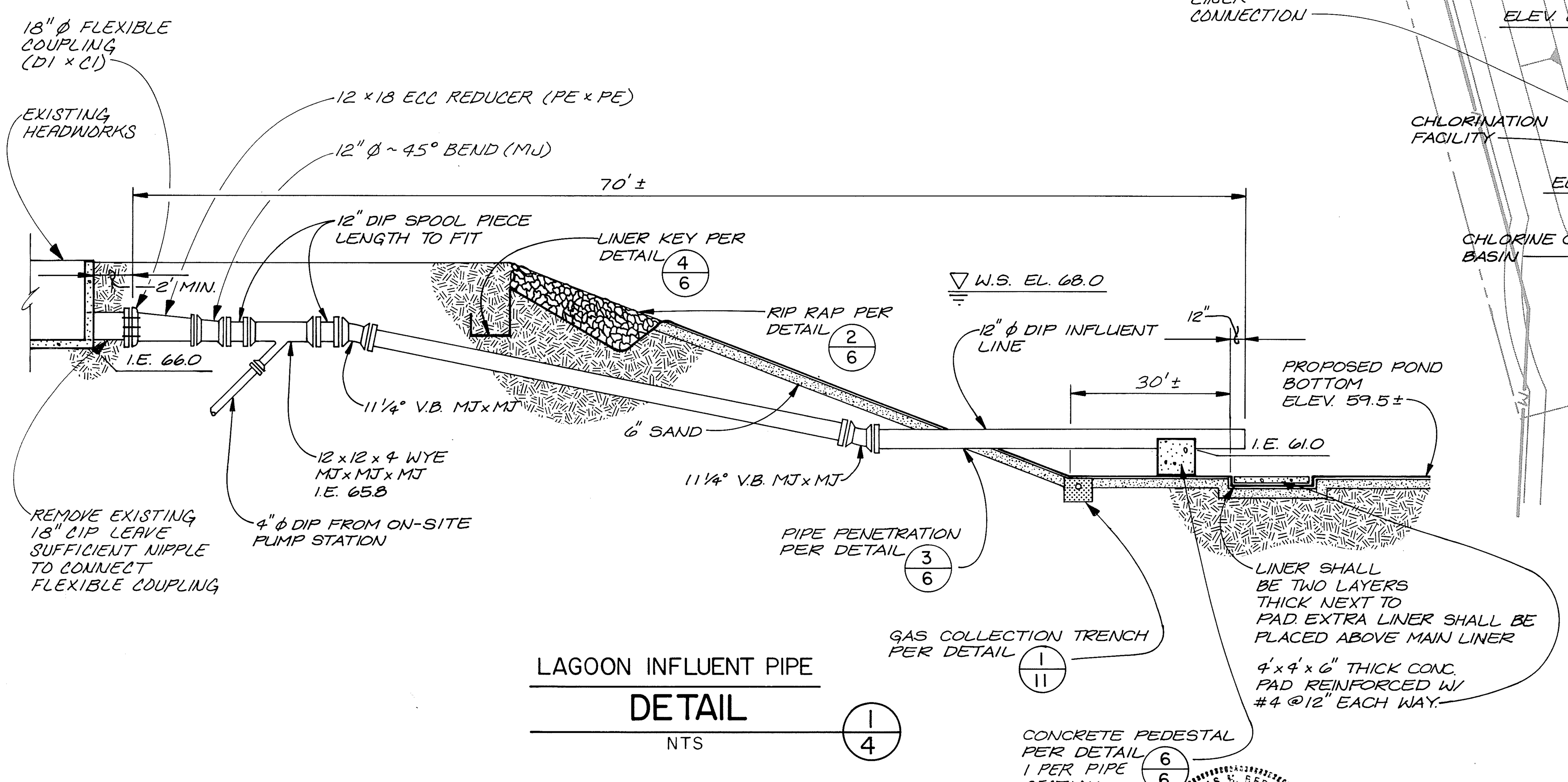
SEE SHEET #6 FOR LINER AND SUBGRADE DETAILS.

SEE SHEET #11 AND #12 FOR GAS COLLECTION SYSTEM.

NO HEAVY EQUIPMENT WILL BE ALLOWED IN POND AREAS AFTER PLACEMENT OF NEW POND LINERS.

FOR GRADING IN LAGOON AND MIX CELLS SEE SHT. #11

PLAN
1" = 50'



LAGOON INFLUENT PIPE
DETAIL 1/4
NTS

NO.	REVISIONS	DATE	BY

DESIGNED MEM
DRAWN KMZ
CHECKED DMB

APPROVED
SCALE AS NOTED
DATE JANUARY 1990

DOUGLAS W. SEEBACHER, STATE OF WASHINGTON, PROFESSIONAL ENGINEER
1/10/90

Parametrix, Inc.
Post Office Box 460, Sumner, Washington 98390, 206-838-9810 206-863-5128
13020 Northup Way, Bellevue, Washington 98005, 206-455-2550
4970 Auto Center Way, Bremerton, Washington 98312, 206-377-0014
6130 NE 78th Court, Suite C-7, Portland, Oregon 97218, 503-256-5444

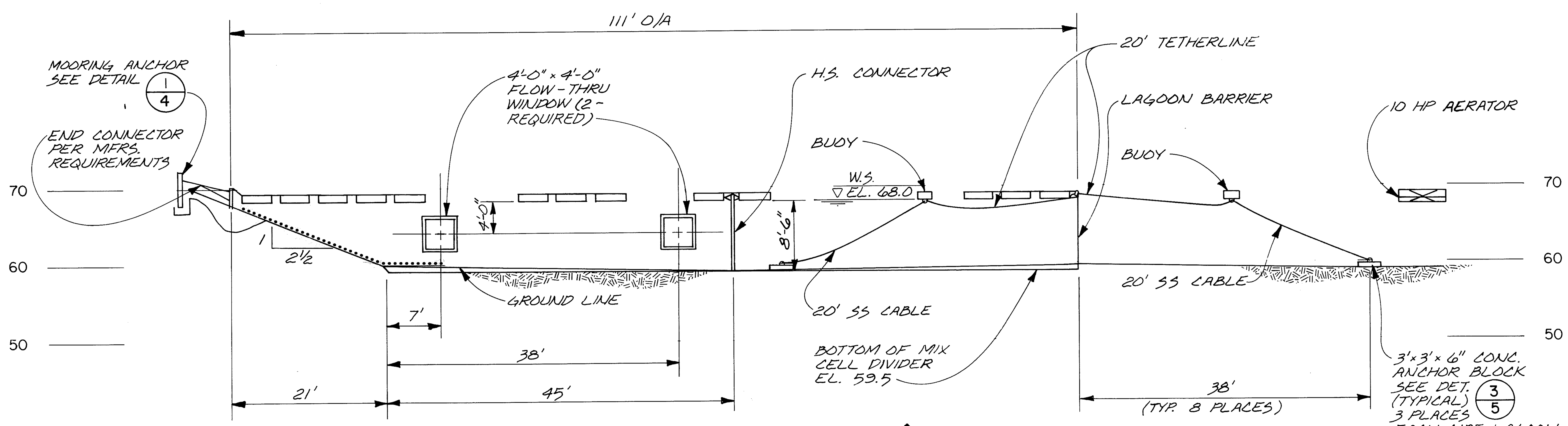
JOB NAME: CITY OF ORTING, WA. WASTEWATER TREATMENT PLANT IMPROVEMENTS
JOB NUMBER: 21-1711-03-D004

LAGOON AND GRADING PLAN

SHEET NO. 4/23

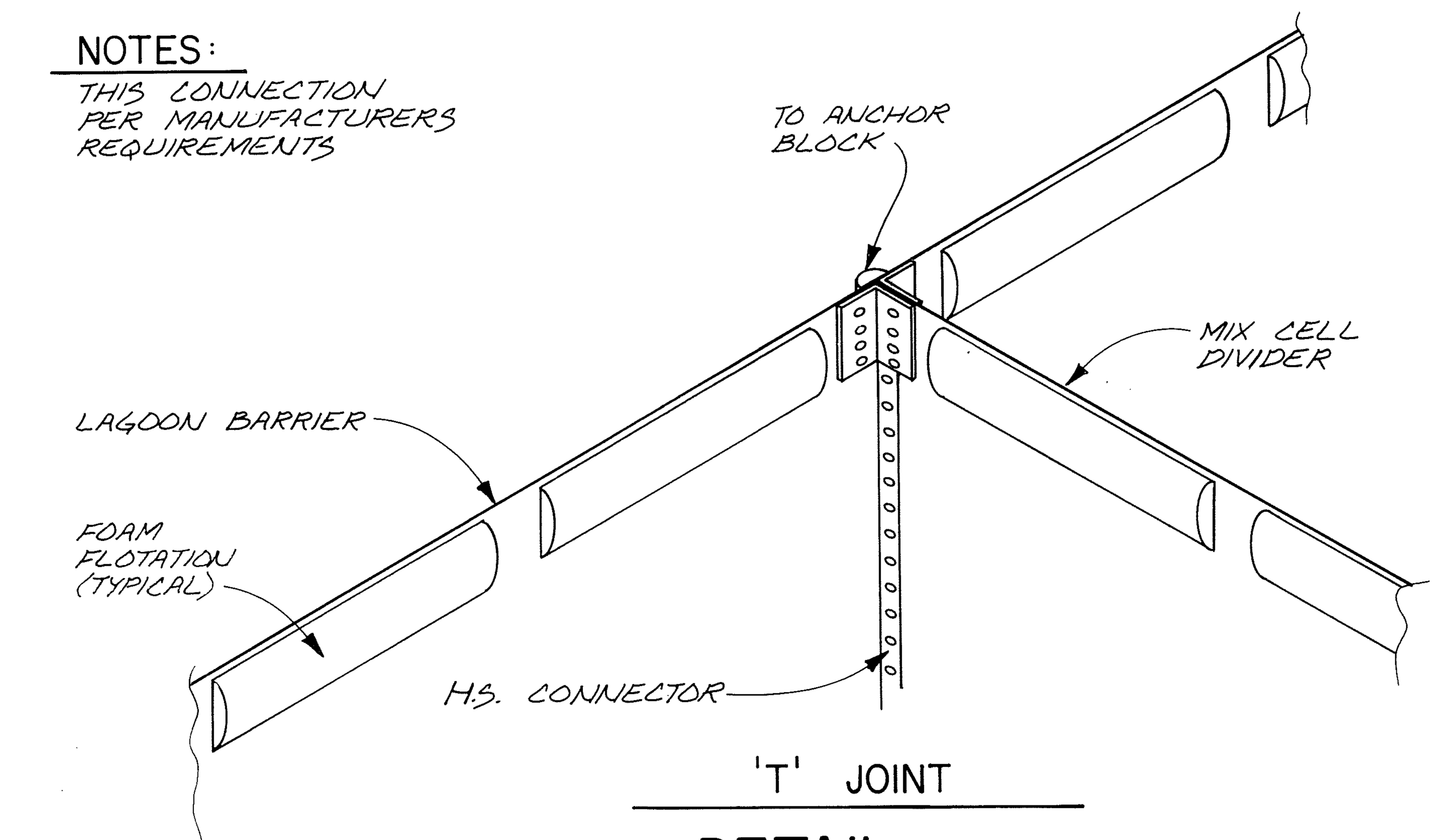
SECTION A/4

1" = 10'-0"



SECTION B/4

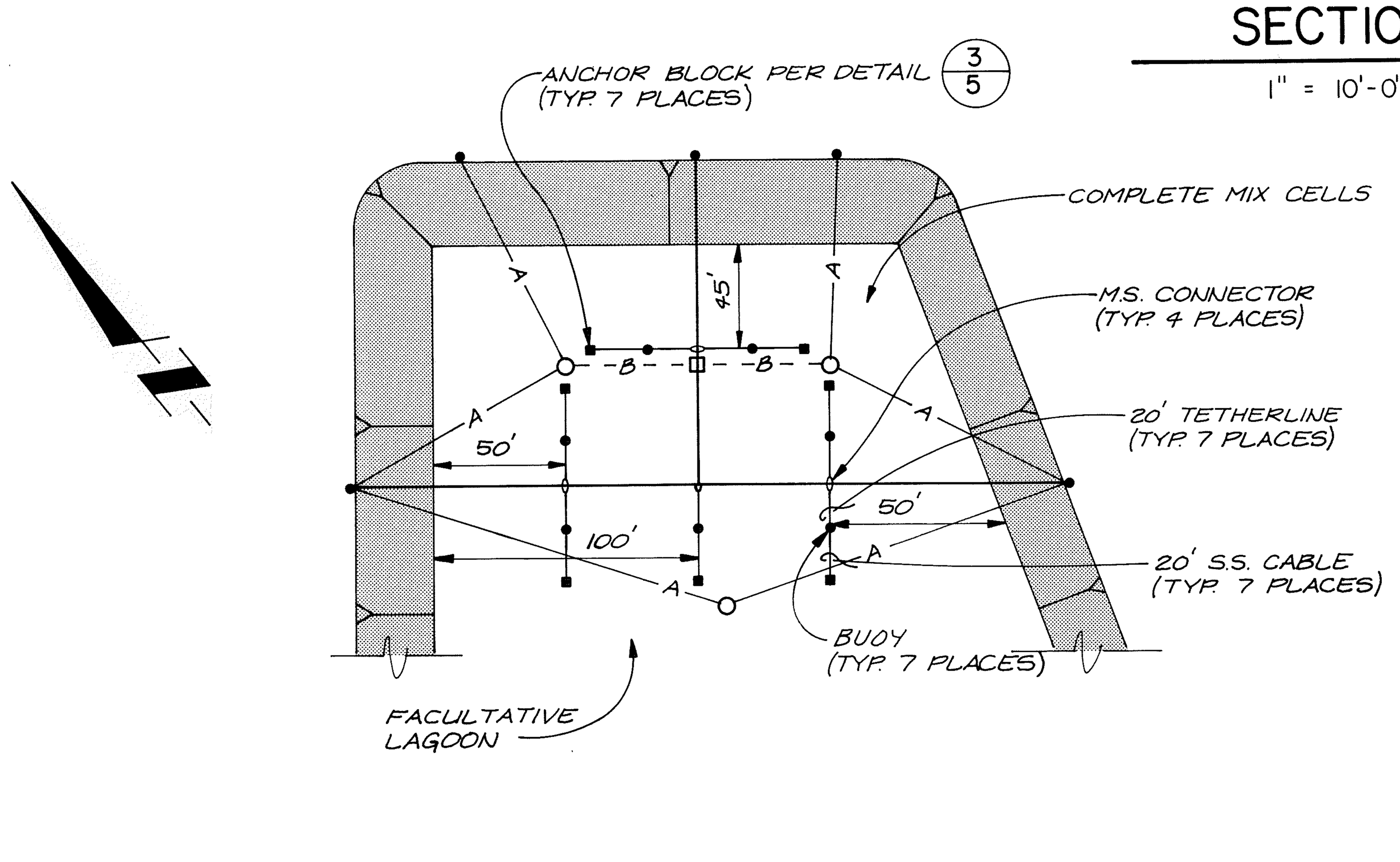
1" = 10'-0"



'T' JOINT

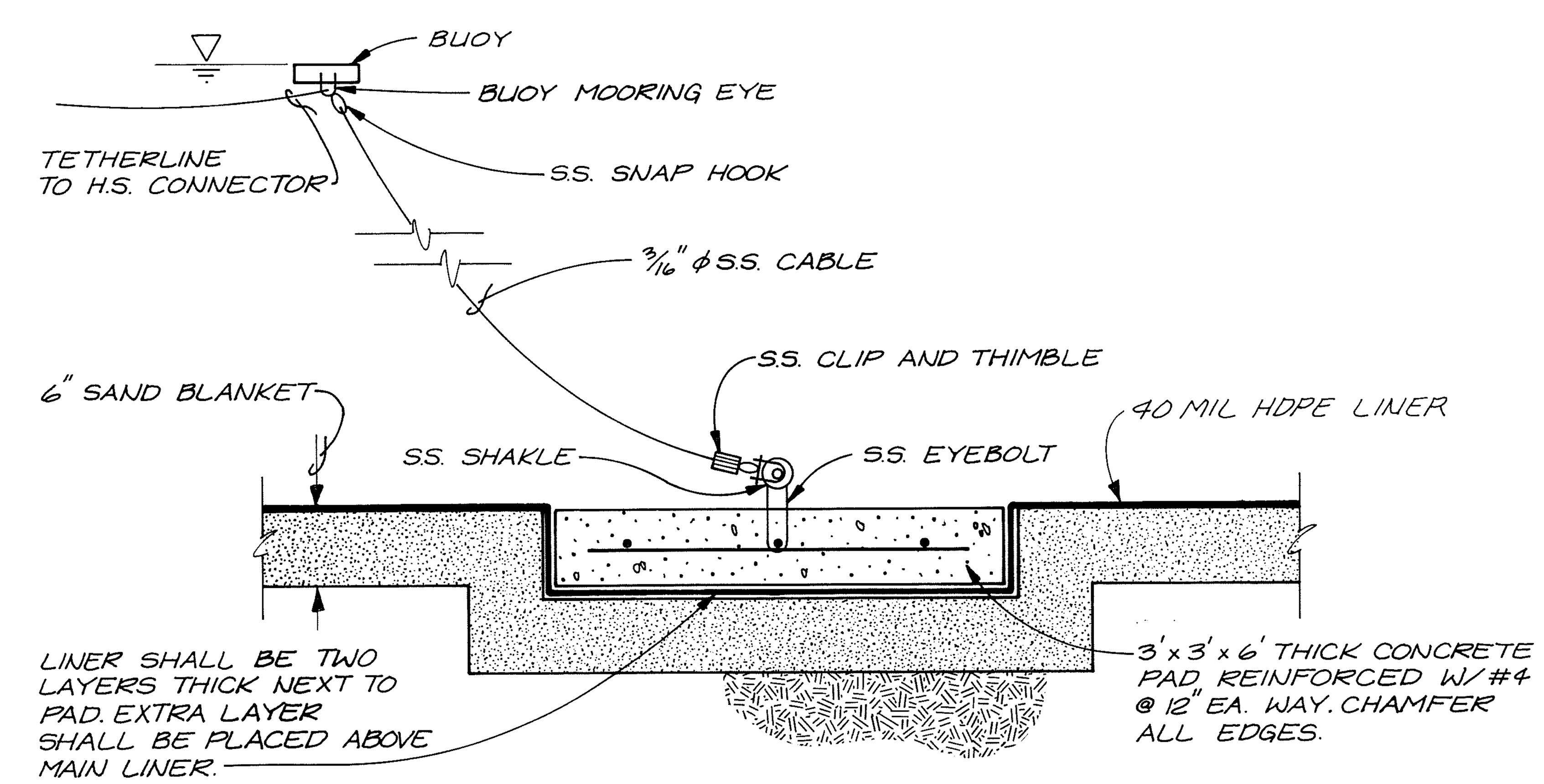
DETAIL 1/5

NO SCALE



DETAIL 2/5

1"=50'



ANCHOR BLOCK

DETAIL 3/5

1"=1'-0"

NO.	REVISIONS	DATE	BY		
				DESIGNED	MEM
				DRAWN	JJM
				CHECKED	DMB

APPROVED

SCALE: AS NOTED

DATE: JANUARY 1990

1/10/90

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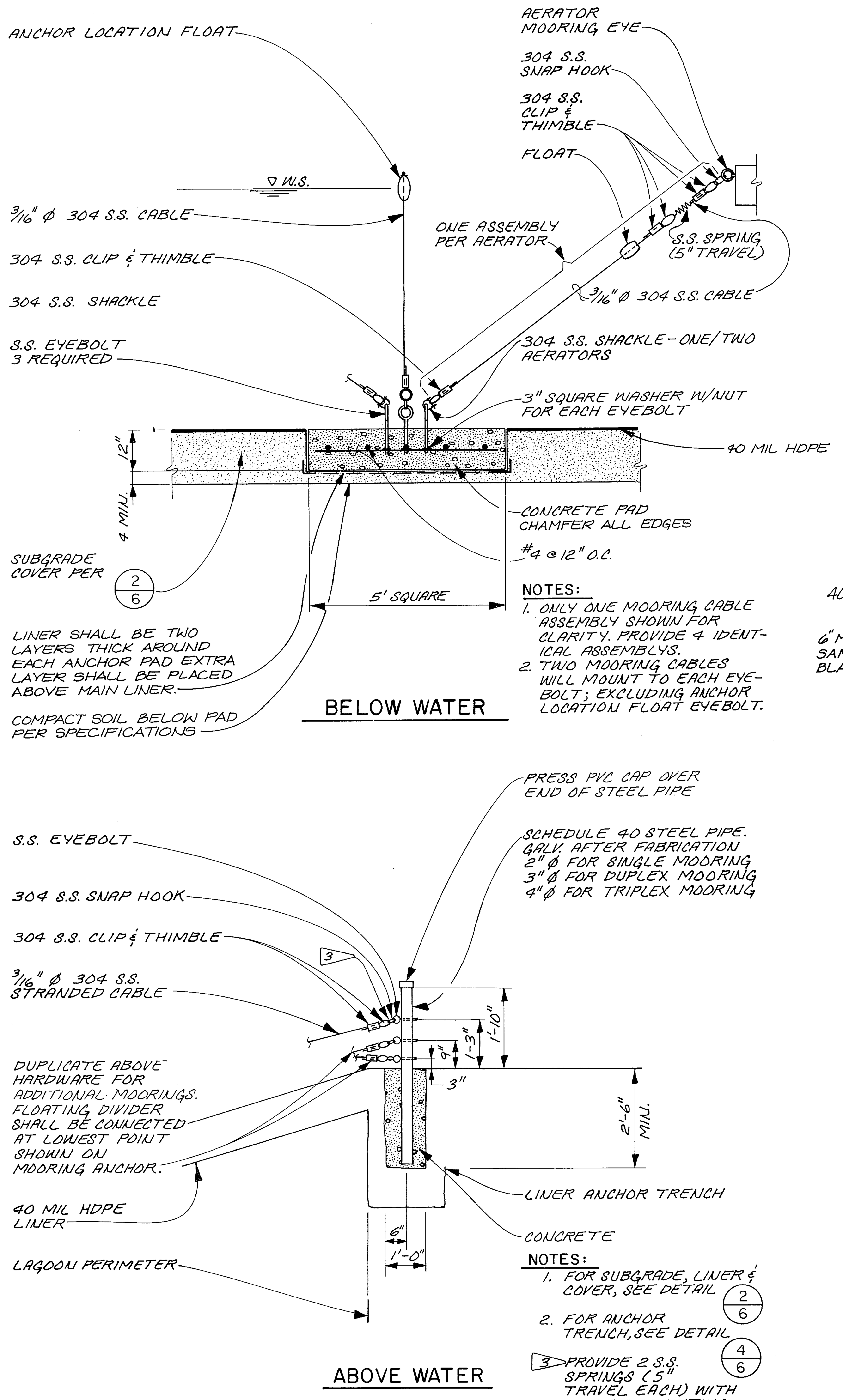
JOB NAME: CITY OF ORTING, WA. WASTEWATER TREATMENT PLANT IMPROVEMENTS

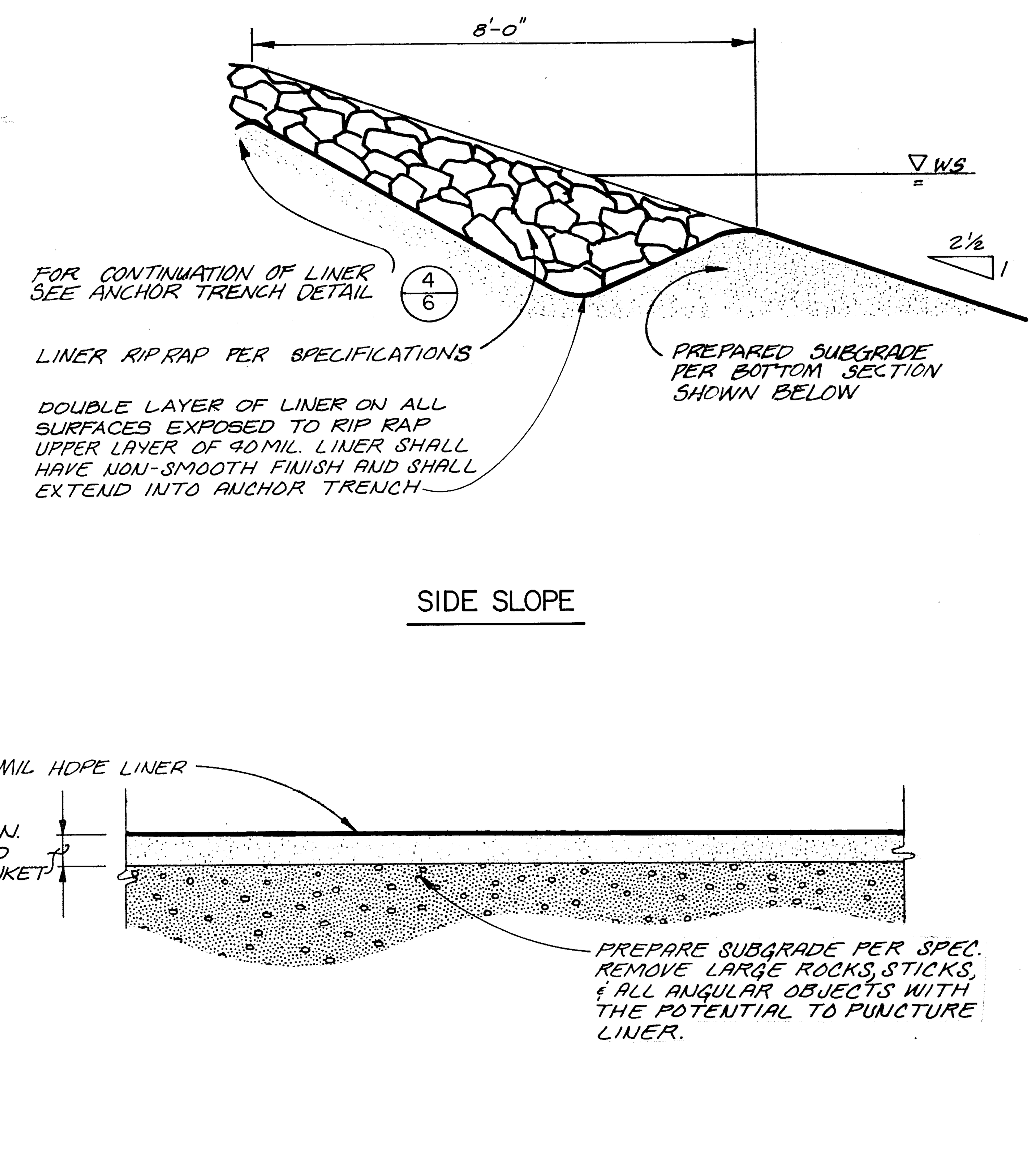
JOB NUMBER: 21-1711-03-D005

LAGOON SECTIONS AND DETAILS

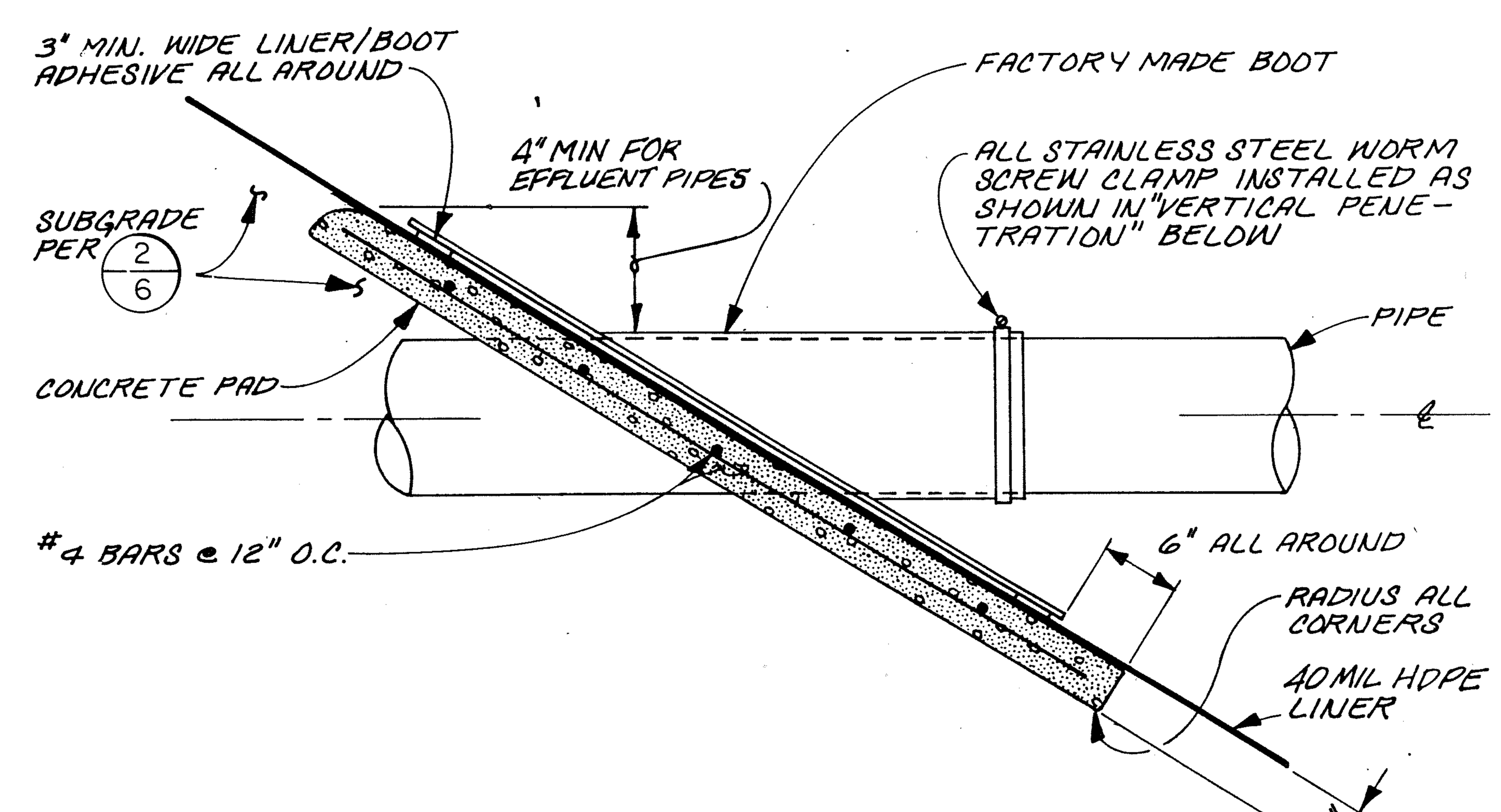
SHEET NO. 5/23



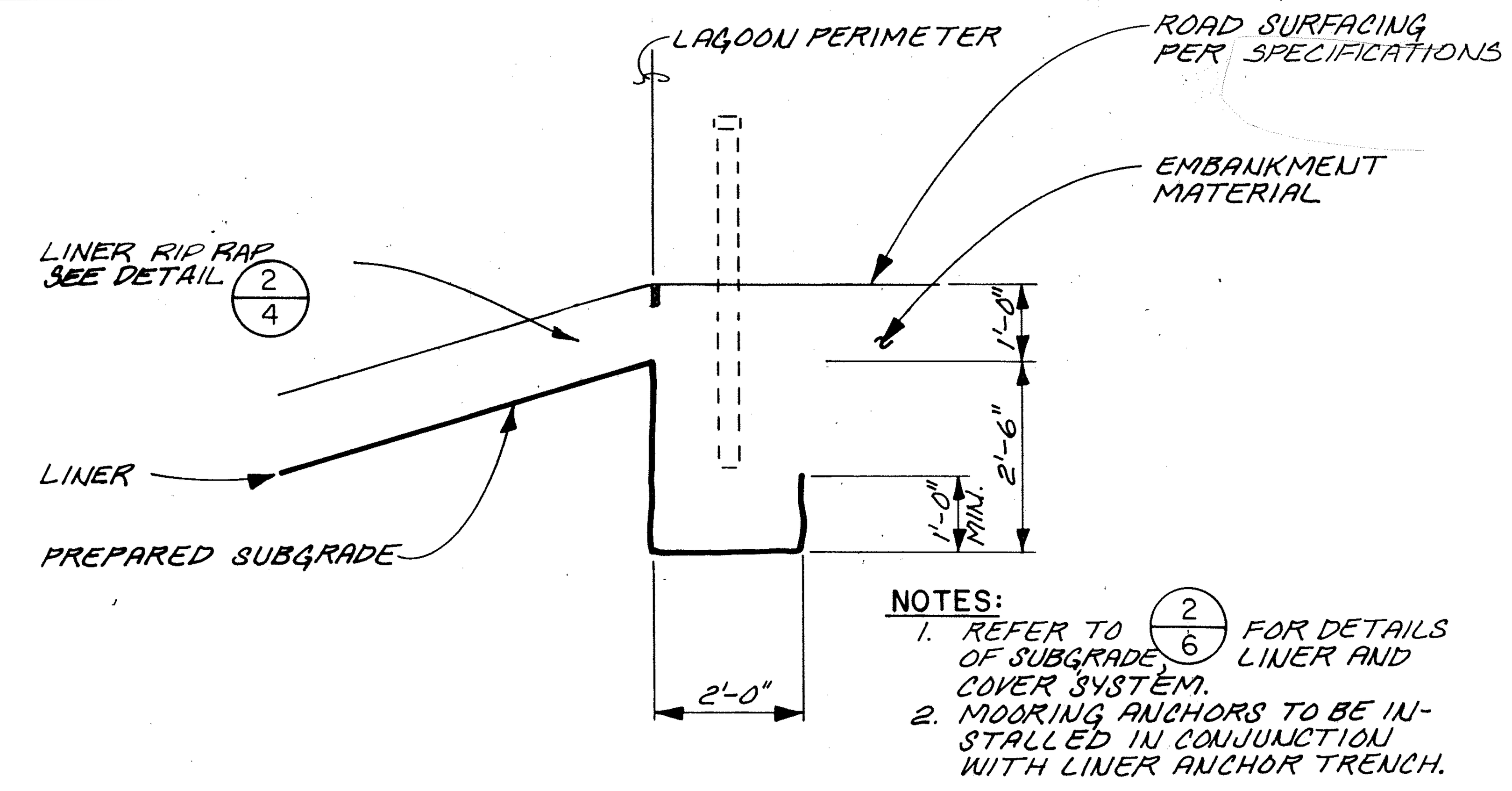
MOORING ANCHOR
DETAIL 1/4
1/2"=1'-0"



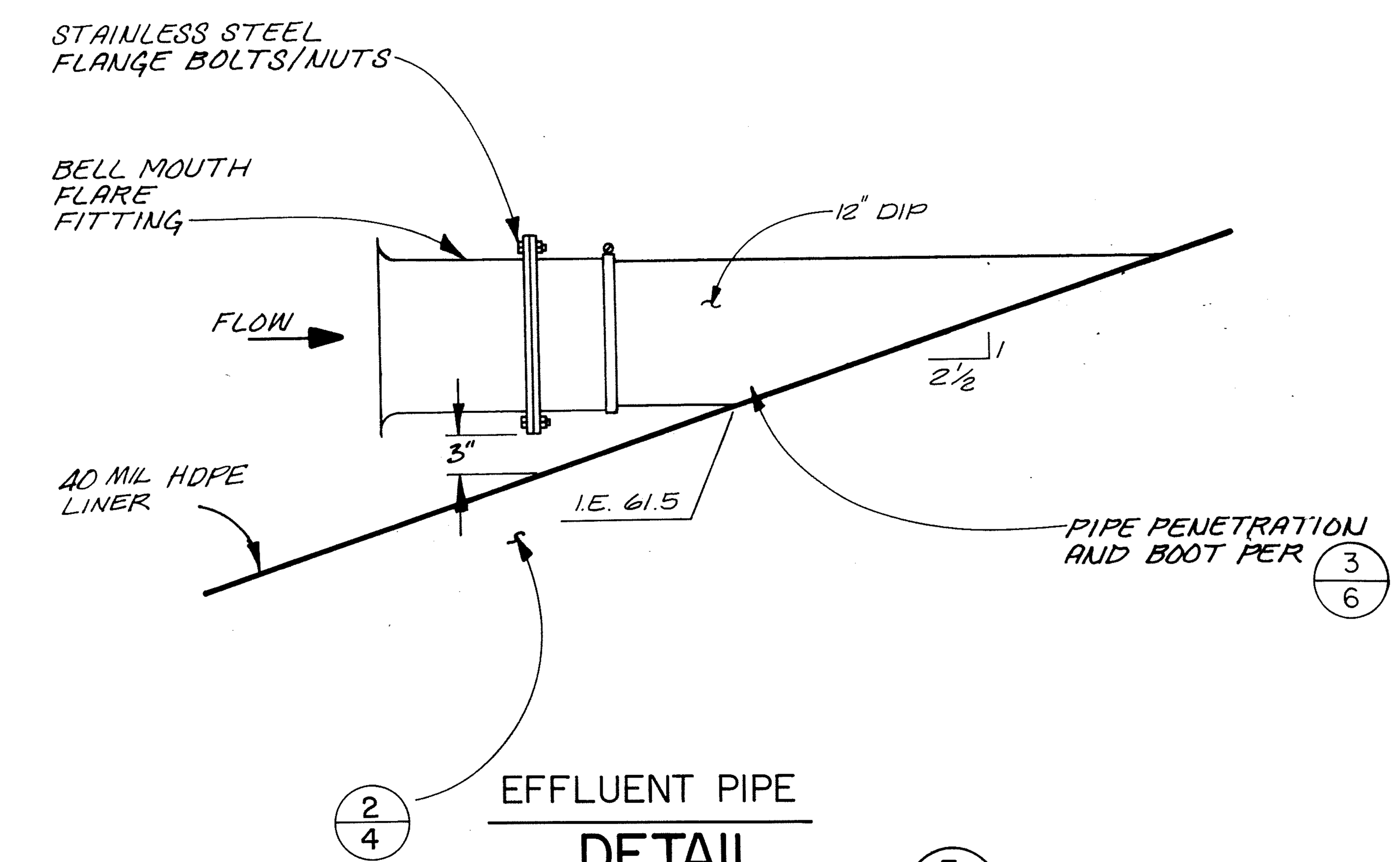
BOTTOM
DETAIL 2/4
NO SCALE



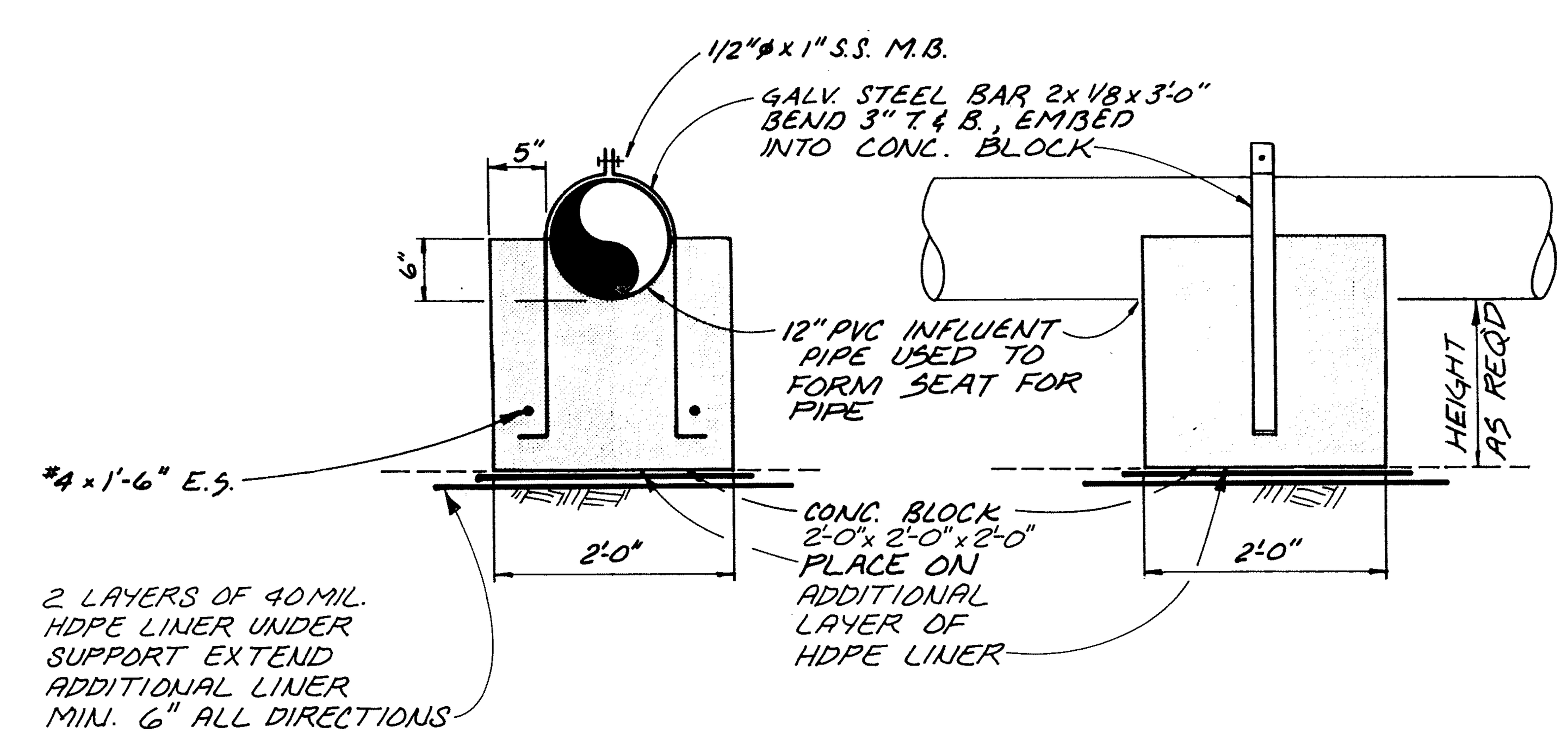
LINER PENETRATION
DETAIL 3/4
NO SCALE



ANCHOR TRENCH
DETAIL 4/4
NO SCALE



EFFLUENT PIPE
DETAIL 5/4
NO SCALE



PIPE SUPPORT
DETAIL 6/4
NO SCALE

NO.	REVISIONS	DATE	BY		
				DESIGNED	DMB
				DRAWN	KMZ
				CHECKED	DMB

APPROVED
SCALE: AS NOTED
DATE: JANUARY 1990

1/10/90

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JOB NAME: CITY OF ORTING, WA. WASTEWATER TREATMENT PLANT IMPROVEMENTS
JOB NUMBER: 21-1711-03-D006

LAGOON DETAILS

SHEET NO. 6 / 23