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CITY OF SACRAMENTO

June 14, 1983

DEPARTMENT OF ENGINEERING

915 I STREET
CITY HALL ROOM 207

SACRAMENTO, CALIFORNIA 95814
TELEPHONE (916) 449-5281

CITY MANAGER'S OFFICE
RECEIVED
JUN 8 1983

J.F. VAROZZA
CITY ENGINEER
M.H. JOHNSON
ASSISTANT CITY ENGINEER

City Council
Sacramento, California

Honorable Members In Session:

SUBJECT: Approval of a Private Contract for Mariner Point Subdivision. South of Little River Way and East of Pocket Road. Improvement Proceeding No. 5176.

BACKGROUND INFORMATION

As a condition of approval of the tentative map of Mariner Point Subdivision, certain improvements are to be constructed. Attached is a private contract between Treetops Unlimited, a joint venture composed of Financial Scene Incorporated, a California corporation and Pacific Scene Inc., a California corporation and Teichert Construction Company, as Contractor, for the construction of these improvements.


FINANCIAL DATA

There is no cost or income to the City.


RECOMMENDATION

It is recommended that said attached contract be approved.

Respectfully submitted,


J. F. Varozza
City Engineer

Recommendation Approved:


Walter J. Slipe
City Manager

APPROVED BY THE CITY COUNCIL
June 14th, 1983
DISTRICT NO. 8

JUN 14 1983

OFFICE OF THE
CITY CLERK

JFV:IEM;yg
Attachment
File No. 5176



Pacific Scene, Inc. 600 W. NORTH MARKET BOULEVARD, SACRAMENTO, CA 95834

State of California Contractor's License # 27286

VENDOR # 1017
 CONTRACT # 1700
 ACCOUNT # 100- (See Pg. 3)
 RETENTION: 10 %

(916) 925-8000

Construction Subcontract

PAGE 1 OF 3

THIS AGREEMENT made and entered into at Sacramento, California, this 17th day of Feb., 19 83.

by and between Pacific Scene, Inc., a California Corporation, hereinafter called "Contractor," and TEICHERT CONSTRUCTION, hereinafter called "Subcontractor," whose address and telephone are:

8811 KIEFER BLVD SACRAMENTO CA 95813 (916) 484-3311
 STREET CITY STATE ZIP PHONE

City License No. 0012300 State Contractor's License 8 /CLASS A

Tax I.D. No. 94-0919260 Business Type: Corporation Partnership Individual

APPROVED
 BY THE CITY COUNCIL

WITNESSETH:

JUN 14 1983

SECTION 1.

Subcontractor agrees to furnish all labor, materials, installation, cartage, hoisting, scaffolding, tools, appliances, insurance and everything necessary to fully do and complete in a good and workmanlike manner the following work, to-wit: OFFICE OF THE CITY CLERK

The land upon which such work is to be done is described as follows, to-wit: MARINER POINT UNIT NO. 1, - Located in the City of Sacramento, Sacramento County, California

SECTION 2.

Subcontractor agrees that the work to be performed and the materials to be furnished by the Subcontractor shall be performed and furnished in strict accordance and compliance with:

(a) The plans, drawings and specifications prepared by SPINK CORPORATION 720 F STREET, SACRAMENTO, CA 95816, dated February 9, 1983 which plans, drawings and specifications and all general and special conditions attached thereto, and all addenda thereto, are incorporated by this reference and made a part hereof; and

(b) The requirements of all City, County, State, Federal Government and the V.A. and/or F.H.A. (if applicable) ordinances and laws. Said work shall meet with the approval and pass inspection of the City of Sacramento. No work is to be deemed completed until final inspection and approval by the City, County, the V.A. and/or the F.H.A. (where applicable) as well as acceptance by Contractor. Provided, however, that such acceptance shall not bar any claim against Subcontractor for defects in workmanship or material or deviations from said plans, drawings and specification or from said rules, regulations and requirements subsequently discovered by Contractor.

Should the plans vary from the specifications, then the specifications shall govern. Should there be any discrepancy between the plans and/or specifications, and the requirements of said City, the County, the V.A. and/or the F.H.A., then such requirements shall govern. Contractor assumes no liability for failure of the plans and/or specifications to meet with such requirements and it is to be conclusively presumed that Subcontractor is familiar with all of said requirements and the work to be performed or the materials to be furnished hereunder by Subcontractor are to be in strict accordance with said requirements irrespective of the provisions of the plans and/or specifications.

Should Subcontractor find any discrepancy in the plans and specifications, Subcontractor shall notify Contractor immediately and shall not continue with the work until Contractor is so notified.

Construction Subcontract

PAGE 2 OF 3

SECTION 3.

CONTRACT PRICES: TOTAL CONTRACT NOT TO EXCEED: \$264,251.50

1. Engineering and staking by others.
2. Cost for inspection, permits, fees and material tests is not included.
3. Cost of furnishing Performance and Labor-Material Bonds is not included.
4. Monthly progress payments will be made.
5. Excavation and embankment are to balance within the improved area.
6. Any unsuitable excavation encountered below subgrade will be paid for on equipment rental and the material will be placed on rear of lots.
7. All strippings to be placed on rear of lots.
8. A 4 x 4 post will be placed at each sewer service in lieu of a cleanout.
9. Cost of making final lot drainage swales is not included.
10. Measurement of sewer mains will be from center of manhole to center of manhole without deductions for service tees.
11. Soil stabilization or winterization of slopes is not included.
12. Prior to commencement of work, Owner shall furnish Teichert Construction with written confirmation from lender that sufficient funds have been committed and will be available to make the payments called for under the General Conditions of the contract. Furnishing such written confirmation to Teichert Construction shall act as a condition precedent to the obligations of Teichert Construction under this contract.
13. This is a unit price subcontract. Final payment shall be for actual quantities determined by the Engineer, or other representative of the Contractor, upon completion of all work hereunder.
14. Certificate of Insurance for Worker's Compensation and Liability must be received in our office prior to work commencing on jobsite.
15. Invoices received and approved by the 10th of the month will be paid on the 25th of the same month. Contract number, account number, and vendor number must appear on all invoices.
16. Monthly Manpower Utilization Reports must be received in our office no later than the third working day of each month.

SECTION 4.

The general subcontract provisions on the back of this Construction Subcontract are an integral part of this Agreement.

IN WITNESS WHEREOF the parties hereto have executed this agreement all as of the day and year first hereinabove written.

Subcontractor

TEICHERT CONSTRUCTION

By

ROBERT MASSA
PROJECT MANAGER

Title

Contractor

PACIFIC SCENE INC.

By

Kirk Bone

Project Manager

Title

Corporation Partnership Proprietorship

Corporation

CHANGES AND CORRECTIONS ORDERED BY LOCAL GOVERNING AGENCY - Subcontractor agrees that should any

change of correction be required by the local governing agency, such change of correction is to be made by Subcontractor without additional charge.

B. CHANGE ORDERS - No alteration or deviation shall be made in the work or materials from the said plans, drawings and specifications except on the written order of Contractor prior to the performance of such work, and when so made, the value of the work and material added or omitted shall be computed and determined by Subcontractor and agreed to by Contractor, and the amount so determined shall be added to or deducted from the contract price, such determination of amount to be reduced to writing and signed by Contractor prior to the performance of such work.

C. PROGRESS PAYMENTS - Monthly the Contractor shall pay to Subcontractor a sum of money equal to the total work performed to date as specified in Section 3, less a 10% retention which shall be due for invoicing 30 days after a notice of completion has been filed. Subcontractor must also provide at time of billing, valid Lien Waivers verifying that all taxes, labor costs, and material costs for said portion of work have been paid, releasing that portion of work from all liens. In the event any such persons furnishing anything in connection with the subcontract work herein are unpaid or should such persons notify Contractor of any unpaid amounts therefor, Contractor, in addition to all other rights provided herein, shall have the right to withhold such unpaid amount or claim or claims out of the payments next becoming due to Subcontractor, and Contractor shall have the right to make payments of said unpaid amounts and/or said claims and to deduct the sums thereof out of the next payments which may become due to Subcontractor.

D. INSURANCE - Subcontractor will, at Subcontractor's expense, provide public liability insurance (including automotive public liability insurance) of \$500,000 combined bodily injury and property damage liability, for all claims growing out of any single occurrence giving rise to such claims, and workmen's compensation insurance fully covering and indemnifying the Contractor and Subcontractor, as their respective interests may appear, and to the satisfaction of Contractor, against any loss because of injury or damage to persons or property during the performance of this subcontract, said coverage to include all operations and subcontract work performed hereunder, all contractual obligations incurred in connection herewith, all products or completed operations and all vehicles whether owned or non-owned by Subcontractor, used in connection herewith.

E. TAXES - Subcontractor will pay all social security and other taxes imposed upon Subcontractor as employer in connection with the labor to be performed by Subcontractor under this contract, and will furnish evidence upon request of Contractor that all such payments have been made when due. Subcontractor shall pay all local, state and federal taxes, including sales taxes, in connection with Subcontractor's work.

F. ASSIGNMENT OF CONTRACT - Subcontractor shall not subcontract, assign, transfer, mortgage or hypothecate this contract, or any part thereof, or any interest therein, without the prior written consent of Contractor.

G. TIME - Time is of the essence of this subcontract. Subcontractor agrees to commence the work to be performed hereunder within forty-eight (48) hours of receipt of notice to commence from Contractor and to complete the work to be performed hereunder in accordance with Contractor's progress schedule, which shall be subject to modification by Contractor, which schedule is incorporated herein by this reference and made a part hereof. In agreeing to complete this work in accordance with Contractor's progress schedule, Subcontractor has taken into consideration and made allowances for all delays or hindrances which may be incurred in his performance hereunder, whether growing out of delays in securing materials or workmen, minor changes, alterations, or otherwise. Subcontractor shall furnish a sufficient number of skilled workmen and materials properly and timely to commence and complete the work herein agreed to be done and to coordinate the work to be done hereunder with that of all other contractors, subcontractors and of Contractor in a manner that will facilitate in efficient completion of the entire work.

Contractor shall have complete control of the premises on which the work hereunder is to be performed and shall have the right to decide the time and order in which the various portions of the work shall be done and the priority of the work of other subcontractors and all matters concerning the timely and orderly conduct of the work of Subcontractor. During the performance of this contract, the Subcontractor agrees that the employment of workmen by Subcontractor hereunder shall be in compliance with the Federal government ordinances and laws relating to nondiscriminatory hiring and fair employment practices.

Subcontractor agrees to perform all his repairs immediately if designated as emergency by Contractor or within ten (10) working days otherwise. Contractor may have any repairs outstanding beyond the 10 day period completed by others and charge the Subcontractor actual cost plus 10 percent.

H. COST OF RE-INSPECTION - Subcontractor will reimburse Contractor for any fees, costs or expenses of a re-inspection required because of a prior rejection of the work and material included herein.

I. INDEMNITY - Subcontractor shall at all times indemnify and save Contractor harmless against all liability for claims and liens for labor performed or materials used or furnished to be used on the job, including any costs and expenses for attorney's fees and all incidental or consequential damages resulting to Contractor from such claims or liens. Further, in case suit on such claim is brought, Subcontractor shall defend said suit at his own cost and expense, and will pay and satisfy any such lien or judgment as may be established by the decision of the court in said suit. Subcontractor agrees within ten (10) days after written demand to cause the effect of any suit or lien to be removed from the premises, and in the event Subcontractor shall fail so to do, Contractor is authorized to use whatever means in its discretion may deem appropriate to cause said lien or suit to be removed or dismissed and the cost thereof, together with reasonable attorney's fees, shall be immediately due and payable to Contractor by Subcontractor. Subcontractor may litigate any such lien or suit provided he causes the effect thereof to be removed, promptly in advance, from the premises, and shall further do such things as may be necessary to cause Contractor not to withhold any monies due by reason of such liens or suits.

J. PERMITS AND LICENSES - Subcontractor is to obtain and pay for all permits and licenses which may be required in connection with the work to be done by Subcontractor hereunder.

ASE: IAL: GUARANTEE - Subcontractor hereby guarantees that all of the work hereby sublet shall be free from any defects due to materials and workmanship, for the period beginning with the commencement of work by Subcontractor hereunder and ending two (2) years after the close of escrow upon completion of the particular work of improvement. Should Subcontractor refuse or neglect to remedy within the time required by Contractor all such defects, together with all damage to other work caused thereby, the Contractor shall have the right to remedy and make good such defects and damage and to charge Subcontractor therewith, or, if Contractor has any monies which may be payable or may become payable to Subcontractor on account of this or any other subcontract, then Contractor shall have the right to retain said monies, provided, however, that in all events Subcontractor shall be liable for and shall pay all costs by reason of the remedying of said defects and damage. The fact that Subcontractor may have received all of the monies due him under this subcontract, shall in no event effect Subcontractor's guarantee.

L. CLEANUP - Subcontractor shall not dispose of said excess combustible material, equipment, debris and rubbish by burning the same at or near the job site without the prior approval of the Fire Marshal of the local fire agency and of the Contractor. Said burning, if permitted, shall be conducted in compliance with the rules and requirements of said Fire Marshal. Subcontractor shall hold Contractor free and harmless from any liability arising out of said burning activities.

M. FACILITIES AND CONVENIENCES - Unless otherwise expressly provided herein, Subcontractor shall provide all its own facilities and conveniences, including drinking water for its employees, that it may require for the performance of its work. Sanitary facilities will be furnished by Contractor

N. RESPONSIBILITY FOR OTHER CRAFTS - Subcontractor shall assume full responsibility for all obvious defective work of others, if he accepts said work, or materials, and proceeds with his phase of the work without written notification to the Contractor.

O. MODIFICATION AND PRIOR AGREEMENTS - All negotiations and agreements not included herein are hereby voided, and no modification may be made herein except in writing signed by both parties hereto. It is further agreed that no waiver of the right hereunder shall constitute a continuing waiver, nor a waiver of any other similar or subsequent claim or right.

P. TERMINATION OF AGREEMENT - In the event the prime contract is terminated prior to its completion, Subcontractor shall be entitled only to payment for the work actually completed by it at the prorata of the price herein set forth.

Notwithstanding the preceding paragraph, Contractor reserves the absolute right to terminate this agreement. In the event of termination without cause, Subcontractor shall be entitled to payment only as follows:

- (1) Cost of the work actually completed in conformity with this agreement; plus
- (2) 15% of costs referred to in Paragraph (1) above, for overhead and profit.

There shall be deducted from such sums as provided in this paragraph the amount of any payments made to Subcontractor prior to the date of termination of this agreement. Subcontractor shall not be entitled to any claim, or claim of lien, against Contractor for any additional compensation or damages in the event of such termination and payment.

Anything in this Construction Subcontract to the contrary notwithstanding, any payments due under this Paragraph P shall be limited to the sequence or sequences of work ordered by Contractor under any Sequence Authorization delivered to Subcontractor prior to termination of this Agreement.

Q. BONDING OF SUBCONTRACTOR - Concurrently with the execution of this agreement or at any time during its performance, Subcontractor shall, if required by Contractor, execute a Labor and Material Bond and Faithful Performance Bond, in an amount equal to 100% of the contract price in Section 3. Said bonds shall be executed by a corporate surety acceptable to Contractor and shall be in a form satisfactory to Contractor. Said bond shall be delivered to Contractor within three (3) working days of said request.

R. SAFETY PROVISIONS - Subcontractor shall comply with the provisions of all State and local safety laws and regulations issued pursuant thereto and shall comply with the provisions of the Federal Occupational Safety and Health Act of 1970 and any regulations issued by any governmental agency in connection therewith and hold Contractor free and harmless from any and all claims by reason of the Subcontractor's failure to fully comply with said laws, Act or regulations. Subcontractor shall reimburse Contractor for any fines or expenses incurred by Contractor by reason of Subcontractor's failure to fully comply with said laws, Act or regulations.

S. ATTORNEY'S FEES - Should any litigation, including arbitration, be commenced between the parties hereto concerning the work covered hereby, and provisions of this subcontract or the rights and obligations of either in relation thereto, the party, Contractor or Subcontractor prevailing in such litigation shall be entitled, in addition to such other relief as may be granted, to a reasonable sum as and for its attorney's fees in such litigation which shall be determined by the Court in such litigation or in a separate action brought for that purpose.

T. NOTICES - Any notice required or permitted under this Agreement, including notices pertaining to arbitration, shall be given by registered mail, return receipt requested, personally, mailgram, or telegram, at the address contained in this agreement, but such address may be changed by written notice given by one party to the other from time to time.

U. OWNER-CONTRACTOR - Contractor, which is a licensed B-1 General Building Contractor, owns the real property which is to be improved pursuant to this Subcontract. Wherever the word "Owner" is used herein, the same shall refer to "Contractor". Although this agreement is termed a "Subcontract" it is in fact an "original Contract" as that term is defined in California Civil Code Section 3095.

*ending one (1) year after acceptance of Subcontractor's work by County of Sacramento.



TEICHERT CONSTRUCTION

February 11, 1983

Pacific Scene of Sacramento
600 W. North Market Boulevard
Sacramento, California 95834

Attn: Mr. Kirk Bone

Re: Mariner Point #1

Gentlemen:

Attached is our proposal for construction of the improvements for the above referenced project. The prices shown are based on preliminary plans prepared by The Spink Corporation dated September, 1982 and the standard specifications of City of Sacramento.

THE FOLLOWING STIPULATIONS SHALL APPLY TO THIS PROPOSAL:

1. Engineering and staking by others.
2. Cost for inspection, permits, fees and material tests is not included.
3. Cost of furnishing Performance and Labor-Material Bonds is not included.
4. Monthly progress payments will be required.
5. Excavation and embankment are to balance within the improved area.
6. Any unsuitable excavation encountered below subgrade will be paid for on equipment rental and the material will be placed on rear of lots.
7. All strippings placed on rear of lots.
8. A 4x4 post will be placed at each sewer service in lieu of a cleanout.
9. Cost of making final lot drainage swales is not included.
10. Measurement of sewer mains will be from center of manhole to center of manhole without deductions for service tees.
11. Soil stabilization or winterization of slopes is not included.

Pacific Scene of Sacramento

Page 2

February 11, 1983

This proposal is good for thirty (30) days after which time Teichert Construction reserves the right to review the proposal for any changes in price.

Prior to commencement of work, the Owner shall furnish Teichert Construction with written confirmation from his lender that sufficient funds have been committed and will be available to make the payments called for under the General Conditions of the contract. Furnishing such written confirmation to Teichert Construction shall act as a condition precedent to the obligations of Teichert Construction under this contract.

In the event Teichert Construction is the low bidder, a contract containing terms mutually agreeable to both parties shall be prepared and executed prior to commencement of construction operations.

Thank you for the opportunity to provide our quotation for this project.

Very truly yours,

TEICHERT CONSTRUCTION

A handwritten signature in cursive script that reads "Robert Massa".

Robert Massa
District Manager

RM/CR:jtz

Attachment

February 2, 1983

MARINER POINT UNIT NO. 1
NOTICE TO BIDDERS

ADDENDUM #1

TO WHOM IT MAY CONCERN:

Please be advised that the quantity estimate has been revised to reflect the on-site and off-site earthwork operations. Items 3 through 5 have been adjusted to reflect the first unit improvements. Items 33 through 37 have been added identifying the off-site portion of the earthwork operations.

A new quantity estimate is included with this addendum. In addition to the earthwork revisions, the following items have been adjusted:

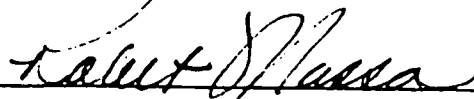
ITEM

- 6. Change 5½" AC from 1525 to 1590 tons.
- 9. Change street signs from 1 to 3 each.
- 17A. Add this item for 1 Flusher Branch each.

Included with this addendum is 3 copies of the Unit no. 1 water plan for bidding purposes. The street lighting plan shall be available at The Spink Corporation, office after 3:00 o'clock P.M. on Thursday, February 3, 1983. The street light improvements shall be included as a part of the bid package improvement cost.

Any questions regarding this plan should be directed to Stephen AuClair at The Spink Corporation, telephone 444-8170.

TEICHERT CONSTRUCTION



ROBERT MASSA
DISTRICT MANAGER

FEB 11 1983

FINAL
ESTIMATE OF QUANTITIES
MARINER POINT UNIT 1
FEBRUARY 2, 1983
(SRA)

ITEM NO.	DESCRIPTION	QUANTITY	UNIT		
<u>STREETS ON-SITE</u> <i>Act#</i>					
1.	Clearing & Grubbing	200	1	Job	L.S. 400 ⁰⁰
2.	Excavation - Streets	200	9,500*	C.Y.	1 ⁰⁰ 9500 ⁰⁰
3.	Fill - Streets	200	-0-	C.Y.	0 ⁵⁰ 0
4.	Excavation - Lots	200	16,200*	C.Y.	1 ⁵⁰ 24300 ⁰⁰
5.	Fill - Lots	200	350	C.Y.	0 ⁵⁰ 175 ⁰⁰
6.	5-1/2" A.C.	242	1,590	Tons	24 ⁵⁰ 38955 ⁰⁰
7.	Timber Barricade	243	3	Each	155 ⁰⁰ 465 ⁰⁰
8.	2" x 6" Douglas Fir Headerboard	24334		L.F.	4 ⁰⁰ 136 ⁰⁰
9.	Street Sign	243	3	Each	85 ⁰⁰ 255 ⁰⁰
10.	Curb & Gutter No. 13	240	3,093	L.F.	5 ⁵⁰ 15465 ⁰⁰
11.	Curb & Gutter No. 4	240	82	L.F.	12 ⁰⁰ 984 ⁰⁰
12.	4-1/2' P.C.C. Sidewalk	240	14,180	S.F.	1 ⁰⁰ 14180 ⁰⁰
13.	Reconstruct Manhole to Grade	200	2	Each	475 ⁰⁰ 950 ⁰⁰
TOTAL FOR STREETS					\$ 105,765 ⁰⁰
<u>SEWER SYSTEM</u>					
14.	6" Sanitary Sewer	205	1,288	L.F.	13 ⁰⁰ 16744 ⁰⁰
15.	S.S. Manhole #3	205	6	Each	890 ⁰⁰ 5340 ⁰⁰
16.	House Service	205	55	Each	325 ⁰⁰ 17875 ⁰⁰
17.	6" Inside Drop Connection	205	1	Each	235 ⁰⁰ 235 ⁰⁰
17A.	Flusher Branch	205	1	Each	130 ⁰⁰ 130 ⁰⁰
TOTAL FOR SEWER SYSTEM					\$ 40,324 ⁰⁰

* All excess excavation in Unit 1 shall be used in the construction of the off-site building pads.

ESTIMATE OF QUANTITIES
MARINER POINT UNIT 1
FEBRUARY 2, 1983

ITEM NO.	DESCRIPTION	QUANTITY	UNIT		
<u>DRAINAGE SYSTEM</u> <i>A ct #</i>					
18.	8" V.C.P.	<i>210</i> 791	L.F.	<i>15⁰⁰</i>	<i>12,260⁰⁰</i>
19.	12" Drainline	<i>210</i> 753	L.F.	<i>14⁰⁰</i>	<i>10,542⁰⁰</i>
20.	S.D. Manhole #3	<i>210</i> 2	Each	<i>780⁰⁰</i>	<i>1,560⁰⁰</i>
21.	Gutter Drain #20	<i>210</i> 8	Each	<i>235⁰⁰</i>	<i>1,880⁰⁰</i>
22.	Gutter Drain #20 (Ditch Installation)	<i>210</i> 10	Each	<i>265⁰⁰</i>	<i>2,650⁰⁰</i>
TOTAL FOR DRAINAGE SYSTEM					<i>28,892⁰⁰</i>
<u>LIGHTING SYSTEM</u>					
23.	Lighting System	<i>243</i> 1	Job		<i>8600⁰⁰</i>
TOTAL FOR STREET LIGHT SY					<i>8600⁰⁰</i>
<u>WATER SYSTEM</u> <i>A ct #</i>					
24.	4" Waterline	<i>215</i> 150	L.F.	<i>7⁰⁰</i>	<i>1050⁰⁰</i>
25.	6" Waterline	1,200	L.F.	<i>7⁵⁰</i>	<i>9000⁰⁰</i>
26.	8" Waterline	270	L.F.	<i>8⁵⁰</i>	<i>2295⁰⁰</i>
27.	6" Gate Valve	7	Each	<i>275⁰⁰</i>	<i>1925⁰⁰</i>
28.	8" Gate Valve	1	Each	<i>350⁰⁰</i>	<i>350⁰⁰</i>
29.	Fire Hydrant	3	Each	<i>1075⁰⁰</i>	<i>3225⁰⁰</i>
30.	1" House Service	55	Each	<i>185⁰⁰</i>	<i>10175⁰⁰</i>
31.	2" Blow-off Valve	2	Each	<i>265⁰⁰</i>	<i>530⁰⁰</i>
32.	4" Blow-off Valve	1	Each	<i>470⁰⁰</i>	<i>470⁰⁰</i>
TOTAL FOR WATER SYSTEM					<i>29,020⁰⁰</i>
SUB TOTAL					

ESTIMATE OF QUANTITIES
MARINER POINT UNIT 1
FEBRUARY 2, 1983

ITEM NO.	DESCRIPTION	QUANTITY	UNIT
<u>OFFSITE GRADING</u>			
This item of work includes all the excavation work on site item of work is based on all on-site and off-site excav			
33.	Clearing and Grubbing	1	Job
34.	Excavation Streets	11,450	C.Y.
35.	Fill Streets	2,400	C.Y.
36.	Excavation Lots	9,250	C.Y.
37.	Fill Lots	34,400	C.Y.
37A.	Readjust Manhole to Grade	19	EA
		TOTAL OFF-SITE GRADING	
		GRAND TOTAL	

A ct #200

	L.S.	800 ⁰⁰
	1 ⁰⁰	11450 ⁰⁰
	0 ⁰⁰	1200 ⁰⁰
	1 ⁰⁰	13875 ⁰⁰
	0 ⁰⁰	17200 ⁰⁰
	375 ⁰⁰	7125 ⁰⁰
		\$ 51650 ⁰⁰
	+	<u>264,251⁰⁰</u>

TEICHERT CONSTRUCTION

Robert Massa

ROBERT MASSA
DISTRICT MANAGER

FEB 11 1983