

AN ORDINANCE 2008-04-10-0292

**APPROVING THE ISSUANCE OF A \$203,238.51 JOB ORDER TO ALPHA BUILDING CORPORATION FOR THE INSTALLATION OF A CHAIN LINK FENCING SYSTEM ALONG THE PERIMETER OF THE WOODLAND HILLS NORTH SECTION OF FRIEDRICH PARK LOCATED IN DISTRICT 8, AN APPROVED PROPOSITION 3 EDWARDS AQUIFER RECHARGE ZONE CONSERVATION AND PROTECTION PROGRAM FUNDED PROJECT.**

\* \* \* \* \*

**WHEREAS**, Friedrich Park is a Park Facility including multiple buildings and structures for the use of the public with necessary plumbing and electrical conveniences; and

**WHEREAS**, due to its somewhat isolated location this facility is in need of minor improvements to enhance the security of the facility including the installation of security fencing; and

**WHEREAS**, on September 13, 2007, City Council approved Ordinance 2007-09-13-0978 appropriating \$689,000.00 from Proposition 3 Edwards Aquifer Recharge Zone Conservation and Protection Program funds to secure sections of the Edwards Protection properties located in City Council Districts 6 and 8.; and

**WHEREAS**, this project utilizes the Job Order Contract delivery method that was approved by City Council on March 29, 2007; and

**WHEREAS**, it is anticipated that construction will begin in May 2008 and will be completed in July 2008; **NOW THEREFORE:**

**BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF SAN ANTONIO:**

**SECTION 1.** The City Manager or her designee, or the Director of Parks and Recreation Department or his designee, is authorized to issue a \$203,238.51 Job Order to Alpha Building Corporation for the installation of a chain link fencing system along the perimeter of the Woodland Hills North section of Friedrich Park located in District 8, an approved Proposition 3 Edwards Aquifer Recharge Zone Conservation and Protection Program funded project. A copy of the proposal from the Alpha Building Corporation is attached hereto and incorporated herein for all purposes as Attachment I.

**SECTION 2.** The budget in SAP Fund 40005000, Park Improvements, SAP Project Definition 26-00037, Edward's Aquifer Land Acquisition and Pa, shall be revised by increasing SAP WBS Element 26-00037-05-08-01 entitled Construction Fees (Alpha Building Corp), SAP GL Account 5201140, by the amount of \$203,238.51.

**SECTION 3.** The budget in SAP Fund 40005000, Park Improvements, SAP Project Definition 26-00037, Edward's Aquifer Land Acquisition and Pa, shall be revised by increasing SAP WBS Element 26-00037-05-07 entitled Construction Contingency, SAP GL Account 5201140, by the amount of \$10,000.00.

**SECTION 4.** The budget in SAP Fund 40005000, Park Improvements, SAP Project Definition 26-00037, Edward's Aquifer Land Acquisition and Pa, shall be revised by decreasing SAP WBS Element 26-00037-05-08 entitled Construction Fees, SAP GL Account 5201140, by the amount of \$213,238.51.

**SECTION 5.** The financial allocations in this Ordinance are subject to approval by the Director of Finance, City of San Antonio. The Director of Finance may, subject to concurrence by the City Manager or the City Manager's designee, correct allocations to specific SAP Fund Numbers, SAP Project Definitions, SAP WBS Elements, SAP Internal Orders, SAP Fund Centers, SAP Cost Centers, SAP Functional Areas, SAP Funds Reservation Document Numbers, and SAP GL Accounts as necessary to carry out the purpose of this Ordinance.

**SECTION 6.** This ordinance shall be effective on and after April 20, 2008.

PASSED AND APPROVED this 10<sup>th</sup> day of April, 2008.



M A Y O R

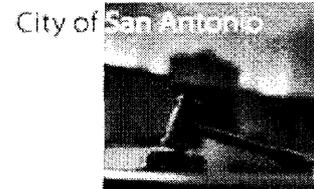
**PHIL HARDBERGER**

ATTEST: *Lucinda M. Vail*  
City Clerk

APPROVED AS TO FORM: *Hollis Young*  
for City Attorney



Request for  
**COUNCIL**  
ACTION



### Agenda Voting Results - 13

<b>Name:</b>	7, 8, 9, 10, 11, 13, 14, 17, 18, 19, 20, 21, 22, 24, 25						
<b>Date:</b>	04/10/2008						
<b>Time:</b>	10:04:30 AM						
<b>Vote Type:</b>	Motion to Approve						
<b>Description:</b>	An Ordinance approving the issuance of a \$203,238.51 Job Order to Alpha Building Corporation for the installation of a chain link fencing system along the perimeter of the Woodland Hills North section of Friedrich Park located in District 8, an approved Proposition 3 Edwards Aquifer Recharge Zone Conservation and Protection Program funded project. [Frances A. Gonzalez, Assistant City Manager; Malcolm Matthews, Director, Parks and Recreation]						
<b>Result:</b>	Passed						
Voter	Group	Not Present	Yea	Nay	Abstain	Motion	Second
Phil Hardberger	Mayor		x				
Mary Alice P. Cisneros	District 1		x				
Sheila D. McNeil	District 2		x				
Jennifer V. Ramos	District 3		x				
Philip A. Cortez	District 4		x				
Lourdes Galvan	District 5	x					
Delicia Herrera	District 6		x			x	
Justin Rodriguez	District 7		x				
Diane G. Cibrian	District 8		x				x
Louis E. Rowe	District 9		x				
John G. Clamp	District 10		x				



**REVISED**

**Date:** 2-20-08

**Owner:** City of San Antonio

**Project Manager:** Brian Orebaugh

**ALPHA No.** 113-041

**Description:** Friederich Park Fencing  
21395 Milsa

**Inclusions:**

1. Clear brush 6' from new fence line and push to side.
2. Drill/jackhammer post holes, per attached detail.
3. Set new fence post and concrete with 3000 psi concrete.
4. Install 9 ga. Chain link fencing fabric 6' high.
5. Install (4) strands barbed wire above 6' fence and (1) strand standard tension wire on top and (1) barbed wire on bottom to serve as tension wire.
6. Fabricate and install flood swing gates at two (2) water crossings.
7. Install one (1) 4' x 6' walk gate and one (2) 10' double drive gates.
8. Pick up and haul off unused material.
9. Furnish and install as per Spec. section 02831 and associated layouts, and details. (attached)
10. Payment and Performance Bonds as per Contract.
11. City to provide locations of corner posts.
12. City to identify 50' x 50' material storage area. Contractor to provide security.

**Exclusions:**

1. No handling of Hazardous Materials of any kind.

436 Breesport St, San Antonio, Texas 78216  
V 210-767-0955 F 210-767-0956 www.alphabuilding.com

CREATING ENVIRONMENTS WHERE GREAT THINGS CAN HAPPEN

**Total base bid (breakout attached).....\$203,238.51**

**Performance Time:**  
(90) days from approval.

**Proposed Subcontractors:**

To be determined later

**Submittals Required:**  
As requested by COSA

Sincerely,

Alpha Building Corporation



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Robert S. Crow  
Project Manager

**Attachments: (A) JOCWorks Estimate Detail**  
**(B) Specification Section 02831**  
**(C) Security Fence Detail**  
**(D) Low Water Gate Detail**



**ALPHA**  
BUILDING CORPORATION

First Choice For Facilities Renovation & Construction

**Estimate Details**

Labor - Material - Equipment

Gary Haverly

Alpha Building Corporation

City of San Antonio - COSA - Job Order Contract

Estimator: Gary Haverly FRIEDRICH PARK FENCING

**Division Summary (MF04)**

01 - General Requirements	\$26,831.70	31 - Earthwork	\$3,251.25
02 - Existing Conditions	\$77,620.00	32 - Exterior Improvements	\$170,453.16
03 - Concrete	\$8,862.50	Alternates	\$14,074.80
05 - Metals	\$6,254.00	MF04 Bare Total (Without totalling components)	\$308,347.41

**Totalling Components**

07 - COSA JOC Standard (-20.4000%)	\$(80,031.61)	07 - Non-Priced Line Items Multiplier (10.0000%)	\$1,407.48
07 - Priced Line Items	\$294,272.61	Q2 - 07 RS Means CCI San Antonio, TX 1 (-15.7965%)	\$(46,484.77)
07 - Non-Priced Line Items	\$14,074.80		

**Material, Labor, and Equipment Totals (No Totalling Components)**

	Bare Cost
Material:	\$108,131.83
Labor:	\$71,800.37
Equipment:	\$64,209.52
Other:	\$64,405.69
Laborhours:	1,917.36

**Priced/Non-Priced**

Total Priced Items:	20	\$294,272.61	
Total Non-Priced Items:	3	\$14,074.80	4.66%
	23	\$308,347.41	

**Grand Total** **\$203,238.51**

Estimate Details

Estimator: Gary Haveni FRIEDRICH PARK FENCING

Item	Description	UM	Crew	Quantity	Material	Labor	Equipment	Unit Cost	Total	
<b>01 - General Requirements</b>										
1	01-21-53-50-1450-M	Factors, cost adjustments, add to construction costs for particular job requirements, material handling and storage limitation, add, maximum	Costs		189,528.88	6.00	0.00	0.00	6.0000%	\$11,371.79
2	01-31-13-90-0020	Performance bond, for buildings, minimum	Job		199,296.60	0.00	0.00	0.00	0.6000%	\$1,195.78
3	01-31-13-90-0100	Performance bond, for buildings, minimum	Job		199,296.60	0.00	0.00	0.00	2.5000%	\$4,982.42
4	01-41-28-50-0100	Permits, rule of thumb, most cities, maximum	Job		196,785.48	0.00	0.00	0.00	2.0000%	\$3,935.71
5	01-54-33-20-4160-3	Week Earthwork equipment rental, without operators, tractor, crawler, with bulldozer, torque converter, diesel 105 H.P.	Ea.	3.00	0.00	0.00	1,510.00	\$1,510.00		\$4,530.00
6	01-54-36-60-0020	Mobilization or demobilization, up to 25 mile haul distance, 50 miles round trip for mobilization/demobilization crew, dozer, loader, backhoe, excavator, grader, paver, roller, 70 to 150 H.P.	Ea.	B-34N	2.00	0.00	61.00	110.00	\$223.00	\$446.00
7	01-71-23-19-0200	Surveyor stakes, hardwood, 2" x 2" x 30" long	C		5.00	74.00	0.00	0.00	\$74.00	\$370.00
<b>01 - General Requirements Total</b>								<b>\$28,831.70</b>		
<b>02 - Existing Conditions</b>										
8	02-32-13-10-0850	Boring and exploratory drilling, auger holes in earth, no samples, 4" diameter	L.F.	B-55	252.00	0.00	10.65	13.70	\$32.50	\$8,190.00
9	02-32-13-10-1000	Boring and exploratory drilling, drilling in rock, "BX" core, no sampling	L.F.	B-56	1,060.00	0.00	15.60	37.00	\$65.50	\$69,430.00
<b>02 - Existing Conditions Total</b>								<b>\$77,620.00</b>		
<b>03 - Concrete</b>										
10	03-31-05-35-0150	Normal weight concrete, ready mix, delivered, includes local aggregate, sand, portland cement, and water, excludes all additives and treatments, 3000 psi	C.Y.		75.00	100.00	0.00	0.00	\$110.00	\$8,250.00
11	03-31-05-70-5300-5620	Placing concrete, for wheel dumping, add to placing costs above, walking cart, 150' haul, add (Modified using 03-31-05-70-5620)	C.Y.	C-06	75.00	0.00	11.45	2.35	\$21.50	\$1,612.50

Estimate Details

Estimator: Gary Haverly FRIEDRICH PARK FENCING

03 - Concrete

Item	Description	UM	Crew	Quantity	Material	Labor	Equipment	Unit Cost	Total
<b>03 - Concrete Total</b>								<b>\$9,862.60</b>	

05 - Metals

12	05-05-21-16-1920	Drilling steel, drilling and layout for steel, up to 1/4" deep, no anchor, holes, 1/4" diameter	Ea.	1 SSWK	1,080.00	0.14	3.07	0.00	\$5.80	\$6,254.00
<b>05 - Metals Total</b>								<b>\$6,254.00</b>		

31 - Earthwork

13	31-11-10-10-0020	Clear and grub site, light trees, to 6" diameter, cut and chip	Acra	B-07	0.85	0.00	1,650.00	1,175.00	\$3,825.00	\$3,251.25
<b>31 - Earthwork Total</b>								<b>\$3,251.25</b>		

32 - Exterior Improvements

14	32-31-13-20-5090	Fence, chain link industrial, schedule 40, includes excavation and concrete, double swing gates, including posts and hardware, set in concrete, 8' high, 20' opening	Opng.	B-80	2.00	1,700.00	715.00	430.00	\$3,525.00	\$7,060.00
15	32-31-13-25-0400-0490	Fence, chain link residential, add for gate 3' wide, 1-3/8" frame, 6' high (Modified using 32-31-13-25-0490)	Ea.	B-80C	1.00	184.00	72.00	18.80	\$320.00	\$320.00
16	32-31-13-30-6630	Fence, chain link, gates and posts, 1/3 post length in ground, including excavation, line posts, set in concrete, H-beam, 1-7/8", 8'	Ea.	B-80	688.00	46.00	14.20	8.60	\$83.00	\$57,104.00
17	32-31-13-30-6726	Fence, chain link, gates and posts, 1/3 post length in ground, including excavation, corner post, set in concrete, galvanized steel, 4" OD, 6'	Ea.	B-80	24.00	178.00	15.95	9.65	\$233.00	\$5,592.00
18	32-31-13-30-6726-7031	Fence, chain link, gates and posts, for corner, end, and pull post bracing, add (Modified using 32-31-13-30-7031)	Ea.	B-80	48.00	35.80	2.39	0.00	\$37.99	\$1,823.52
19	32-31-13-40-1200	Fence, fabric and accessories, fabric, 9 gauge, galvanized, 1.2 ounce coat, 2" chain link, 6' high	L.F.	B-80A	5,348.00	7.55	2.73	0.84	\$13.76	\$73,535.00
20	32-31-13-40-1850	Fence, fabric and accessories, barbed wire, cost per strand, galvanized	L.F.	B-80A	32,088.00	0.13	0.32	0.10	\$0.78	\$25,028.64

Estimate Details

Estimator: Cary Haverly FRIEDRICH PARK FENCING

32 - Exterior Improvements

Item	Description	UM	Crew	Quantity	Material	Labor	Equipment	Unit Cost	Total	
<b>32 - Exterior Improvements Total</b>								<b>\$170,483.16</b>		
<b>Alternates</b>										
21	02-41-19-23-3040	Selective demolition, rubbish handling, the following are to be added to the demolition prices, loading and trucking, including 2 mile haul, hand loading truck, 50' haul Moving the brush over 6' to the side of the new fencing for a pathway.	HR	B-16	80.00	0.00	50.10	11.05	\$81.15	\$4,892.00
22	03-31-05-30-0020	Concrete, field mix, labor, by hand, 3000 psi Hauling the concrete up and down the Hills to each fence post.	HR		74.00	0.00	63.45	0.00	\$83.45	\$4,595.30
23	10-22-13-10-0300	Partitions, woven wire, for tool or stockroom enclosures, channel frame, 1-1/2" diamond mesh, 10 gauge wire, painted, wall panels, 4'-0" wide, 7' high	Ea.	2 CARP	25.00	120.00	59.50	0.00	\$179.50	\$4,487.50
<b>Alternates Total</b>								<b>\$14,074.80</b>		
<b>Estimate Grand Total</b>								<b>203,238.51</b>		

SECTION 02831  
CHAIN LINK FENCE

PART 1 - GENERAL

1.1 Description

- Approx. 5000 LF*
- A. The City requires the services of a contractor to provide materials and labor to construct and install \_\_\_\_\_ feet of eight and one half (8.5') foot high fence consisting of six foot (6') galvanized chain link at bottom, with two and one half (2.5') feet composed of 4 strands of standard barbed wire at the top to create an 8.5' high fence. Job to include 2 (~~10~~) double drive-through gates and 1 (~~2~~) 4' wide walk-through gate. Materials, spacing, footings, and labor to match specifications below.
  - B. The requirements of this project include the furnishing of all labor, material and equipment specified herein or on the drawing or required for completion of the work. It is impractical to show or specify required work in every detail. This must be determined by the Contractor prior to submittal of his/her bid by careful examination of the specifications and the site.
  - C. Contractor must visit the site and familiarize himself/herself with the project scope and be held responsible to have examined the site and be satisfied as to the extent of the work and conditions which he/she will be obligated to perform.

1.2 Quality Assurance

- A. Comply with all applicable local, state and federal requirements regarding material, methods of work and the disposal of excess and waste material.
- B. Contractor will ensure the integrity of the construction of the new chain link fence and all work specified herein shall be performed only by experienced, qualified workers.

1.3 Job Conditions

- A. Contractor shall provide protection necessary to prevent damage to existing improvements and shall repair existing improvements damaged by construction operations in a manner acceptable to owner. Cost of repair and restoration of damaged items will be at Contractor's expense.
- B. During the contract and upon completion of the work, Contractor shall remove from the site all excess materials, debris, tools, and equipment. Debris and refuse must be properly disposed. The entire work area shall be cleaned to existing conditions.

PART 2 - MATERIALS

2.1 Chain Link Fence

A. Dimensions shown for pipe, roll-formed and H-sections are outside dimensions.

~~B. Fabric: No. 11 gauge or better. Finished size steel wires, 2" mesh, twisted selvages both top and bottom.~~

C. Furnish one-piece fabric widths. Fabric finish - galvanized, ANSI/ASTM A-392, Class I, with not less than 1.2 oz. zinc per square foot of surface.

D. Framework: Galvanized steel, ANSI/ASTM A-120 or ANSI/ASTM A-123, with not less than 1.8 oz. zinc per square foot of surface.

E. Hardware and Accessories: Galvanized ANSI/ASTM A-153, no aluminum accessories or ties. All attachment points should be bracket and band - no welds.

F. Terminal Post: minimum size and weight as follows:

G. 2 7/8" OD galvanized steel pipe, schedule 40, 5.79 lbs. per linear ft. minimum

H. Line Post: minimum size and weight as follows:

*SPACE @ 10' E*  
~~I. 1 7/8" OD galvanized steel pipe, schedule 40, 2.73 lbs. per linear ft. Line posts shall be ten feet on center, or closer where needed.~~

~~J. Top Rail: manufacturer's longest lengths, with expansion type couplings approximately 6' long for each joint. Provide means for attaching top rail securely to each line and terminal post. Minimum size and weight as follows: N/A~~

~~K. 1 5/8" OD galvanized steel pipe, schedule 40, 2.27 lbs. per linear ft. N/A~~

L. Tension Bars: one piece, galvanized, lengths equal to full height of fabric, with minimum cross-section of 3/16" x 3/4". Provide one stretcher for each end post and 2 for each corner and pull post.

M. Tension Bar Bands: space not over 12" o.c. to secure stretcher bars to end, corner and pull posts, galvanized.

*No. 9 twisted*  
~~N. Tension Wire: Top tension wire shall be standard barbed wire. Bottom tension wire shall be standard barbed wire, stretched tight between posts at ground level. Tension wire ties shall be drilled through posts.~~

*SPACE 4' E BOTTOM TENSION WIRES TO LINE POSTS 4' E  
Bottom 10' E wires*

O. Wire Ties: use galvanized wire ties spaced 15" o.c. for tying fabric to rails and braces, use galvanized hog rings spaced 18" o.c. for tying fabric to tension wire. No aluminum ties will be accepted.

P. Braces and Cables: braces and/or cables shall be installed at all corner, tension, terminal and gateposts and shall be extended to adjacent line post if necessary, and galvanized.

Q. Top Wire: standard barbed wire, 4 strands, spaced evenly on top <sup>2.5'</sup> 30 feet of fence posts, stretched tight between posts. Shall be tied to each post. Wire ties shall be drilled through posts. ~~At ALTERNATE Post Locations~~

R. Gates: gates shall be constructed of same fabric, framework, hardware, and terminal posts as fence or better if recommended by fence manufacturer. Gate location to be determined by owner.

S. Post Cap: All posts shall have galvanized post caps.

## 2.2 Concrete Footing

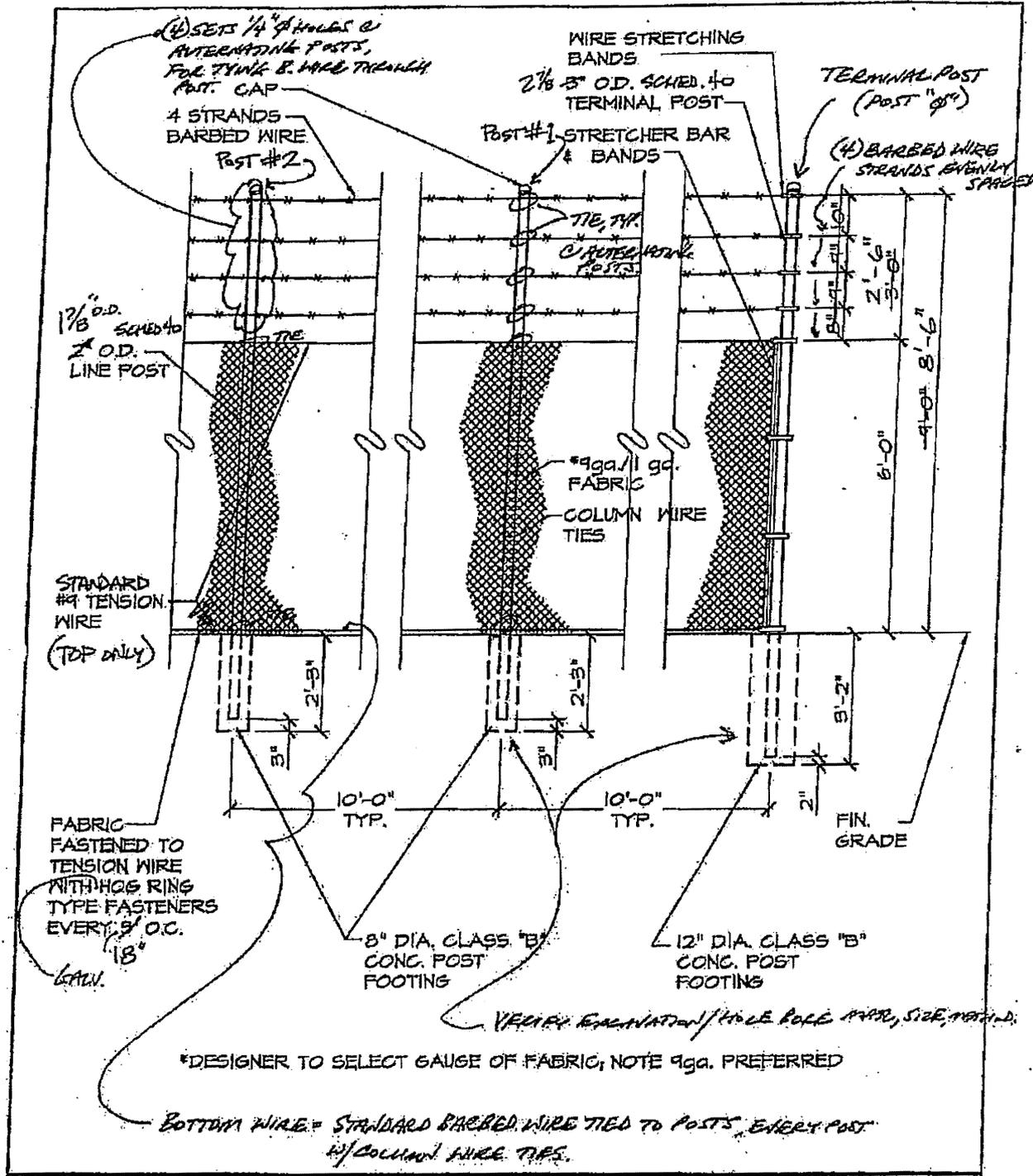
A. Concrete Footing: concrete footing shall be at least 24" deep or one third of the fence height, whichever is greater, and at least twelve inches (12") diameter with at least 2500 PSI concrete or better if recommended by fence manufacturer. Footing tubes shall be straight sided or bell-bottom. In no case shall they be wider at their top than their middle or bottom.

## PART 3 - EXECUTION

3.1 Concrete Footings: Any changes to footing depths as a result of existing site conditions noted by contractor during site inspection shall be outlined on enclosed bid.

3.2 Fence Installation: comply with recommended procedures and instructions of fencing manufacturer. The fence shall be true to line, taut and firmly fastened and shall comply with the best practice for fence construction of this type.

3.3 Gates: gates shall open not less than one hundred eighty (180) degrees, and at least ninety (90) degrees in either direction from closed position.



**SECURITY FENCE**

SCALE 5/8" = 1'-0"	DRAWN BY:	REVISED:
DATE:	APPROVED BY:	DRAWING NO. B-4

*gfo*  
2/20/72

DEC 27 2007 MON 01:09 PM

ALPHA BUILDING CORP.

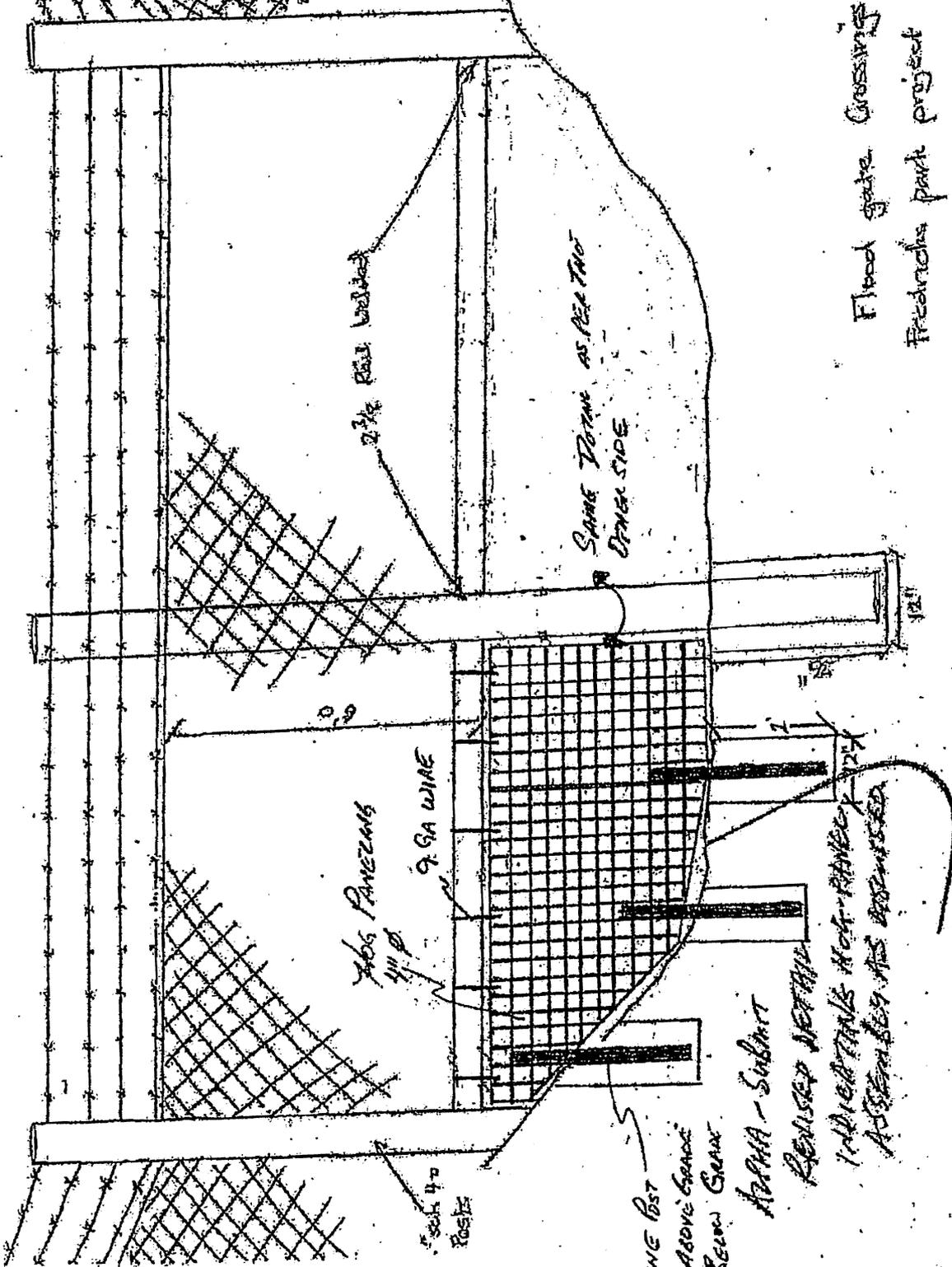
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P. 009

Oct. 29, 2007 12:40AM

Master Touch Rooms (Hurbz)

No. 7619 P. 323



Flood gate Crossing  
Fredericks park project

SAME TOP AS PER TWO  
OTHER SIDE

2 3/4\"

400 Panels

9 GA WIRE

LINE POST  
1' ABOVE GRADE  
2' BELOW GRADE

ALPHA - Submit  
REVISED PER THE

INDICATEDS NOT FINISHED  
ASSEMBLY HAS DISMISSED

4\"

1\"

12\"



# Site Map

## Woodland Hills Fencing, CD 8

