

SAN ANTONIO WATER SYSTEM
Addendum No. 1
To
Plans and Specifications
For
Fence Construction: Nelson, Baker and Pattillo Tracts
Job No. 10-8625-218
Solicitation No. B-11-007-RA

February 18, 2011

To Bidder of Record:

This addendum, applicable to the work associated with the above referenced solicitation, is an amendment to the bidding documents and as such shall be a part of and included in the Contract. The original bidding documents and any prior addenda remain in full force except as modified by the following, which shall take precedence over any contrary provisions in prior documents.

Invitation to Bidders:

First sentence: Change "8,266 linear feet" to "8,374 linear feet".

Bid Proposal:

REPLACE the Bid Proposal in its entirety with the enclosed Bid Proposal.

Special Conditions:

Page 1; SC-1.1 SCOPE OF WORK: Change "8,266 linear feet" to "8,374 linear feet".

Page 2; Section SC-2.2 PIPE POSTS: REPLACE paragraph and subparagraphs with the following:

"Steel pipe shall be galvanized and conform to ASTM F 1083-96.

1. End, Corner, Angle, and Gate posts shall have a nominal pipe size of 4 inches and a weight of 10.79 pounds per foot.
2. Brace posts, and horizontal and diagonal pipe braces, shall have a nominal pipe size of 2 inches and a weight of 3.65 pounds per foot.
3. Posts shall have a flat steel cap, similar in thickness of the pipe, welded to the top.
4. Installation of ground bonding is not required."

Plans:

REPLACE Sheet No. 5 with the enclosed revised Sheet No. 5 (Revision Date 02-16-11).

REPLACE Sheet No. 22 with the enclosed revised Sheet No. 22 (Revision Date 02-16-11).

ADD the enclosed Sheet entitled "City of San Antonio Tree Protection Details" to the plans.

Questions and Answers:

The following written questions were received by SAWS after the February 15, 2011 pre-bid meeting. Responses to the questions are provided as follows:

Q1: Can you tell me what the qualification requirements are for bidders to this project?

Response: The qualifications required for bidders are articulated in the Instructions to Bidders.

Q2: Are there drawings or a site plan available?

Response: Yes. To obtain the plans and specifications for this project, visit our website located at www.saws.org and click on the Business Center. Then select Bidder, Consultant, and Vendor Registration, which is located on the left-hand side of the screen. Select the Register Now button and proceed with registration. For difficulties downloading plans and specifications, contact the Contracting Department at 210-233-3341.

Q3: How do I pull up the specifications for Item 508 Fencing and Item 508A Gates?

Response: The specifications for Fencing and Gates are found in the Special Conditions.

Q4: I intend to be at the site visit Monday (9:00 AM). Will there be any prints or schematics of the job handed out at that time?

Response: No.

Q5: Sheet 23 Fence Details indicates that the "brace" posts 4" diameter as are the gate posts, with the 1 1/2" diameter brace welded between. Are these not 2" diameter?

Response: The size of the pipe posts and bracing is amended and clarified by this addendum. Please see the change to Section SC-2.2 of the Special Conditions above.

Q6: On Sheet 23 Fence Details, there is no indication as to the distance between the gate posts and brace post. Do you have a minimum spacing for this welded brace?

Response: Indicate the distance between the brace post and gate post on the submittal required by Section SC-1.7, subparagraph 3. of the Special Conditions, to be approved by SAWS.

Q7: Can the contractor submit an invoice for "materials on-site" at the beginning of the job once materials are received?

Response: No.

Q8: How are the braces for the fence going to be built or can we build the braces with horizontal brace then a diagonal brace, which would be two vertical posts then the diagonal would go to short post, called a deadman?

Response: Section SC-1.7, subparagraph 3. of the Special Conditions requires the contractor to submit a drawing of the bracing for approval by SAWS.

Q9: On the gates do we have to use the padlock keeper or can we use a chain?

Response: Section SC-2.4, subparagraph 2. of the Special Conditions states, "Installation of gatekeepers and padlock keepers are not required. Upon beneficial completion of the gate installations, SAWS will install chains and combination locks."

Q10: The corner and gate post do they have to be 4" pipe or can they be 2 7/8" pipe?

Response: The size of the pipe posts and bracing is amended and clarified by this addendum. Please see the change to Section SC-2.2 of the Special Conditions above.

Q11: If the tree is not directly in the line, do we have to fence around the tree?

Response: No.

Q12: How many trees do we have to fence around?

Response: The number of heritage trees to fence around can be estimated from the plans and could be estimated during the site visit.

Q13: Does the size of the tree matter before it gets a fence around it?

Response: Fencing around trees is only required for heritage trees.

Q14: How many gates are in the fence?

Response: The proposed gates are illustrated on the plans and quantified in the Bid Proposal.

Q15: Does everything need to be mulch, and do we have remove the mulch?

Response: See Section SC-3.2 subparagraph 3.g. of the Special Conditions for chipping requirements and disposal options for chips.

Q16: Are all the fences going to be five Barbed wire or do some have net wire?

Response: All fences shall be barbed wire fence in accordance with "Detail 1" of the drawings.

Q17: Do caps on brace post need to be weld on caps or can they be slip on caps?

Response: Welded caps.

Q18: What is ground bonding to supporting posts?

Response: Ground bonding is not required.



Jerome A. Iltis
Jerome A. Iltis, P.E.
O&M Engineering
San Antonio Water System

Jerome A. Iltis
2/18/11

The undersigned acknowledges receipt of this Addendum No. 1 and the bid submitted herewith is in accordance with the information and stipulation set forth.

Date

Signature of Bidder

END OF ADDENDUM

Fence Construction: Nelson, Baker and Pattillo Tracts
SAWS Job No. Job No. 10-8625-218
Solicitation No. B-11-007-RA

BID PROPOSAL

PROPOSAL OF _____, a corporation

a partnership consisting of

an individual doing business as

THE SAN ANTONIO WATER SYSTEM:

Pursuant to Instructions and Invitations to Bidders, the undersigned proposes to furnish all labor, materials, equipment and supervision to construct a total of approximately 8,374 linear feet of barbed wire fence on three tracts in Southeast Bexar County, including tree protection, removing trees and vegetation, and installation of gates, San Antonio Water System Job Number 10-8625-218, in accordance with the Contract documents for the following prices to wit:

Item No.	Description & Estimated Quantities (Unit Price to be written in Words)	Unit Price (Figure per foot)	Total Price (Figures)
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508	Approximately 8,374 linear feet of Fencing:	\$ _____	\$ _____
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Install fencing according to Special Conditions and Plans.

Total for Item No. 508 in written words:

_____ Dollars and _____ Cents

508A	5 Gates :	\$ _____	\$ _____
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Install gates according to Special Conditions and Plans.

Total for Item No. 508A in written words:

_____ Dollars and _____ Cents

Fence Construction: Nelson, Baker and Pattillo Tracts
SAWS Job No. Job No. 10-8625-218
Solicitation No. B-11-007-RA

Bid Summary:

Total Bid for LINE ITEMS 508 and 508A: \$ _____

_____ Dollars and _____ Cents
In Written Words:

BIDDER'S SIGNATURE & TITLE

FIRM'S NAME (TYPE OR PRINT)

FIRM'S ADDRESS

FIRM'S PHONE NO. /FAX NO.

FIRM'S EMAIL ADDRESS

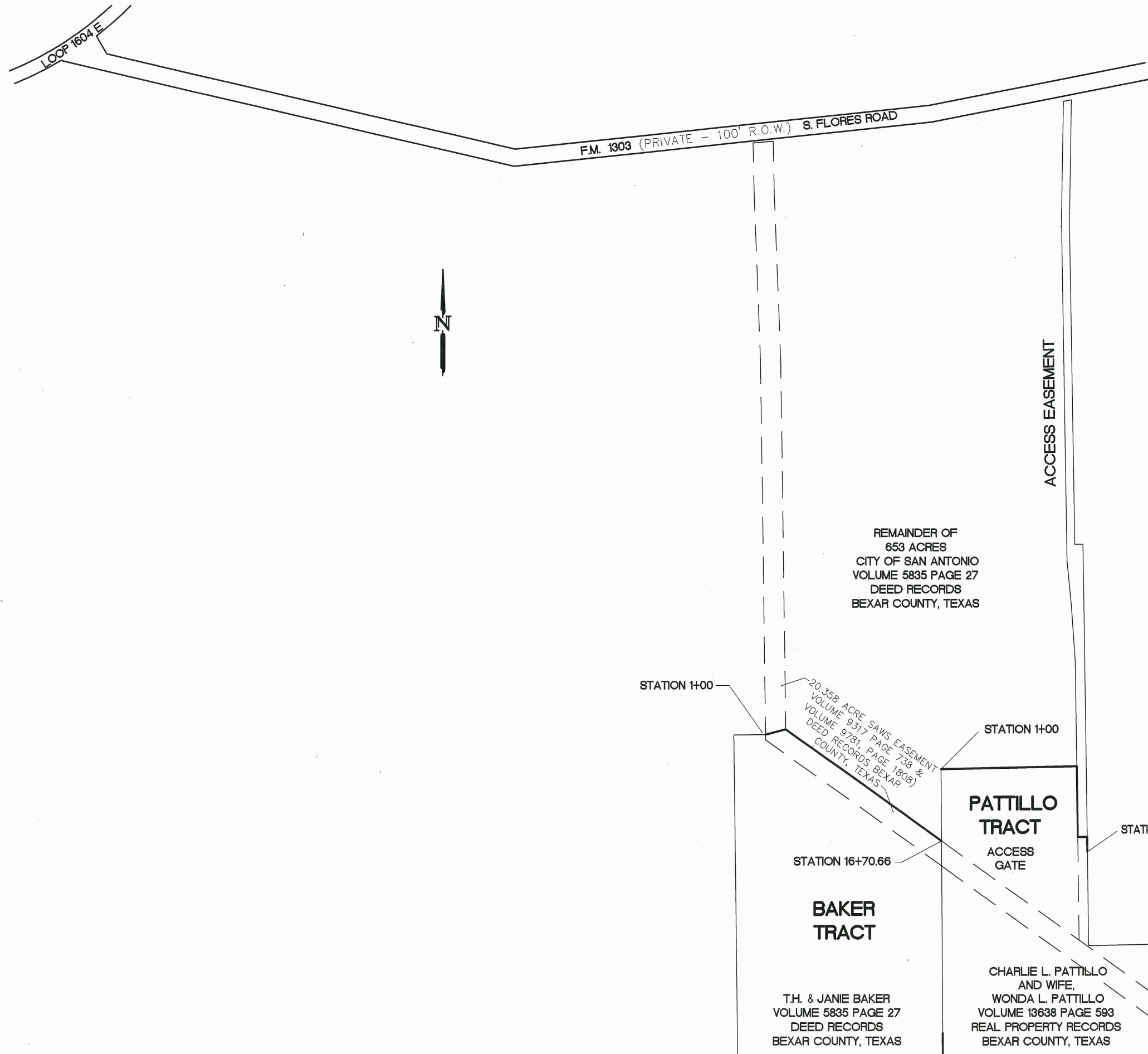
The Contractor herein acknowledges receipt of the following: Addendum Nos. _____

OWNER RESERVES THE RIGHT TO ACCEPT THE OVERALL MOST RESPONSIBLE BID.



The bidder offers to construct the Project in accordance with the Contract Documents for the contract price, and to complete the Project within 90 calendar days after the start date, as set forth in the Authorization to Proceed.

Complete the additional requirements of the Proposal, which are included on the following pages.

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No.	Revision	Drawn	Approved	Date
2	COMMENTS - ILTIS	SE	MM	02-16-11

REVISIONS				
 UNITECH CONSULTING ENGINEERS, INC. <small>TBPE REG. No. F-5499</small>				
<small>2431 E. EVANS ROAD SAN ANTONIO, TEXAS 78259 (210) 641-6003 FAX: (210) 641-8279</small>		<small>WWW.UNITECH.COM OFFICE LOCATIONS: SAN ANTONIO • AUSTIN</small>		
 BAKER AND PATTILLO ACCESS LOCATION PLAN				
DEVELOPER:		SAWS		
CONT.		BUDGET PROJ.		
SUBMITTED		01/25/11		
APPROVED		_____		
SECT. No.	DATE: 1/25/2011	SHEET		
DR. SEE	CK. PVH	JOB No. 10-8625-218	5 of 23	

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19.19 ACRES
STAVINOH AND PARRIZZO
VOLUME 8336 PAGE 1746
OFFICIAL PUBLIC RECORDS
BEXAR COUNTY, TEXAS

LEGEND

- ⊙ 1/2 INCH IRON ROD FOUND
- ⊕ IRON PIPE
- ◼ SAM, INC. ALUMINUM CAP FOUND
- TREE
- *— EXISTING WIRE FENCE
- *- PROPOSED WIRE FENCE

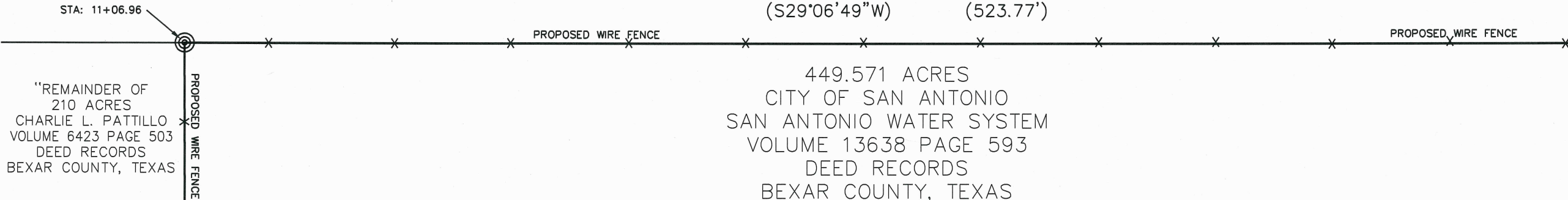
70' ACCESS EASEMENT

(S29°06'49"W) (523.77')

449.571 ACRES
CITY OF SAN ANTONIO
SAN ANTONIO WATER SYSTEM
VOLUME 13638 PAGE 593
DEED RECORDS
BEXAR COUNTY, TEXAS

19.19 ACRES
STAVINOH AND PARRIZZO
VOLUME 8336 PAGE 1746
OFFICIAL PUBLIC RECORDS
BEXAR COUNTY, TEXAS

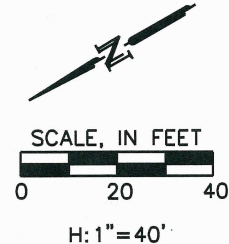
449.571 ACRES
CITY OF SAN ANTONIO
SAN ANTONIO WATER SYSTEM
VOLUME 13638 PAGE 593
DEED RECORDS
BEXAR COUNTY, TEXAS



"REMAINDER OF
210 ACRES
CHARLIE L. PATTILLO
VOLUME 6423 PAGE 503
DEED RECORDS
BEXAR COUNTY, TEXAS

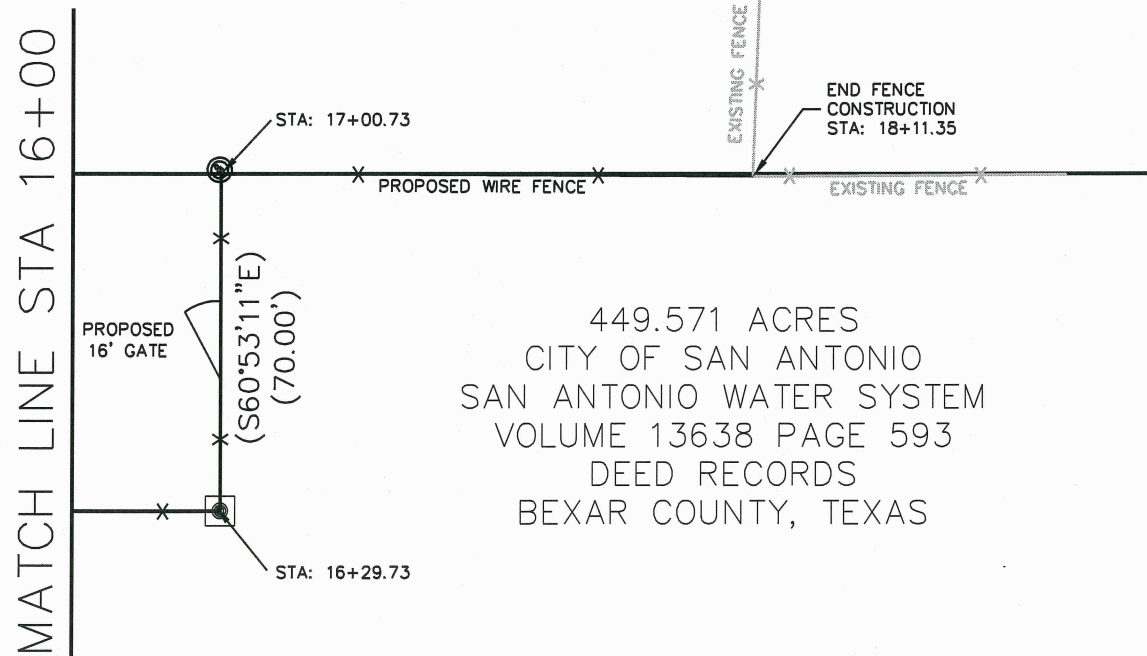
MATCH LINE STA 10+50

MATCH LINE STA 16+00



CONSTRUCTION NOTES:

1. CONTRACTOR TO FENCE AROUND HERITAGE TREES (24" AND GREATER DIAMETER). FENCE POST TO BE A MINIMUM OF 8 FEET FROM TRUNK OF TREE.
2. CONTRACTOR TO SUBMIT DETAILS FOR LATERAL BRACING TO BE APPROVED BY SAWS.
3. CONTRACTOR TO REMOVE MINIMUM EXISTING TREES, AND PRUNE OR TRIM MINIMUM LIMBS, NECESSARY TO INSTALL NEW FENCE.
4. DO NOT DISTURB SURVEY MONUMENTATION. OFFSET END AND CORNER POSTS FROM CAPS AND RODS. AT CORNER POSTS, OFFSET ON SAWS PROPERTY.



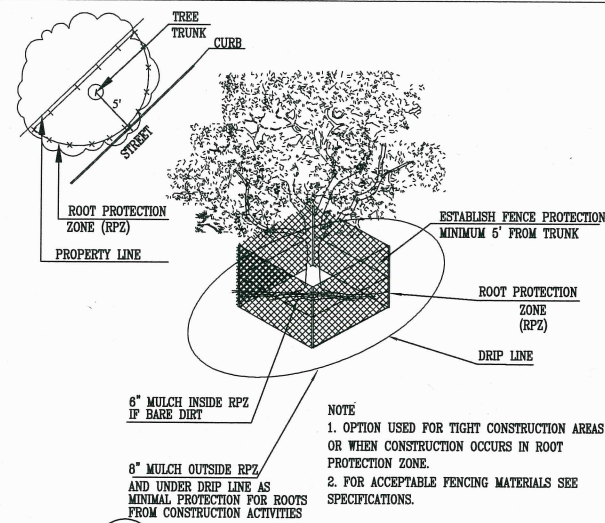
No.	Revision	Drawn	Approved	Date
2	COMMENTS - ILTIS	SE	MM	02-16-11
1	COMMENTS - ILTIS	SE	MM	01-27-11

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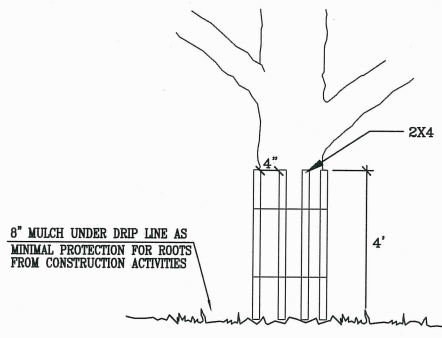
SAWS
 PATILLO TRACT
 FENCE CONSTRUCTION PLAN
 STA 10+50 TO END

DEVELOPER: SAWS	
CONT.	BUDGET PROJ.
SUBMITTED	01/25/11
APPROVED	
SECT. No.	DATE: 1/25/2011
DR. SEE	CK. PVH
JOB No.	10-8625-218
SHEET	22 OF 23

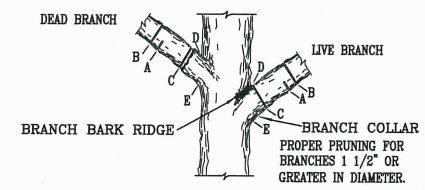
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1.1.3 LEVEL II A FENCE PROTECTION
N. T. S.



1.1.4 LEVEL II B FENCE PROTECTION
N. T. S.



NOTE: DO NOT CUT FROM D to E.

A. FIRST CUT - TO PREVENT THE BARK FROM BEING PEELED WHEN THE BRANCH FALLS.
 B. SECOND CUT - TO REDUCE THE WEIGHT OF BRANCH.
 C. FINAL CUT - ALLOW FOR HEALING COLLAR BUT NO STUBS
 D. BRANCH RIDGES - INDENT PROPERLY BRANCH RIDGES WHICH ARE SITE FOR DECAY.

FOR OAKS ONLY: PAINT ALL WOUNDS OR CUTS WITH PRUNING PAINT WITHIN 20 MIN TO PREVENT THE SPREAD OF OAK WILT.

1.4 BRANCH PRUNING DETAIL
N. T. S.

TREE PROTECTION AND PRESERVATION GENERAL NOTES

1. NO UTILITY OR STREET EXCAVATION WORK SHALL BEGIN IN AREAS WHERE TREE PRESERVATION AND TREATMENT MEASURES HAVE NOT BEEN COMPLETED AND APPROVED.
2. TREE PROTECTION FENCING SHALL BE REQUIRED. TREE PROTECTION FENCING SHALL BE INSTALLED, MAINTAINED AND REPAIRED BY THE CONTRACTOR DURING SITE CONSTRUCTION. DURING CONSTRUCTION ACTIVITY, AT LEAST A SIX-INCH LAYER OF COARSE MULCH SHALL BE PLACED AND MAINTAINED OVER THE ROOT PROTECTION ZONE (NO SEPARATE PAY ITEM).
3. THE CONTRACTOR SHALL AVOID CUTTING ROOTS LARGER THAN ONE INCH IN DIAMETER WHEN EXCAVATING NEAR EXISTING TREES. EXCAVATION IN THE VICINITY OF TREES SHALL PROCEED WITH CAUTION. THE CONTRACTOR SHALL CONTACT THE CITY INSPECTOR FOR GUIDANCE.
4. ROOTS WILL BE CUT WITH A ROCK SAW OR BY HAND, NOT BY AN EXCAVATOR OR OTHER ROAD CONSTRUCTION EQUIPMENT.
5. ALL CURB AND SIDEWALK WORK SHALL USE ALTERNATIVE CONSTRUCTION METHODS TO MINIMIZE EXTENSIVE ROOT DAMAGE TO TREES (REFER TO DETAILS).
6. EXPOSED ROOTS SHALL BE COVERED AT THE END OF THE DAY USING TECHNIQUES SUCH AS COVERING WITH SOIL, MULCH OR WET BURLAP.
7. NO EQUIPMENT, VEHICLES OR MATERIALS SHALL OPERATE OR BE STORED WITHIN THE ROOT PROTECTION ZONE OF ANY TREE NEAR THE PROJECT. ROOT PROTECTION ZONE IS 1 FOOT OF RADIUS PER INCH OF TREE'S DIAMETER. A 10-INCH DIAMETER TREE WOULD HAVE A 10 FOOT RADIUS ROOT PROTECTION ZONE AROUND THE TREE. ROOTS OR BRANCHES IN CONFLICT WITH THE CONSTRUCTION SHALL BE CUT CLEANLY ACCORDING TO PROPER PRUNING METHODS. OAK WOUNDS SHALL BE PAINTED OVER WITHIN 30 MINUTES TO PREVENT OAK WILT.
8. SAPLINGS, SHRUBS OR BUSHES TO BE CLEARED FROM THE PROTECTED ROOT ZONE AREA OF A LARGE TREE SHALL BE REMOVED BY HAND AS DESIGNATED BY THE INSPECTOR.
9. NO WIRES, NAILS OR OTHER MATERIAL MAY BE ATTACHED TO PROTECTED TREES.
10. TREES, TREE LIMBS, BUSHES AND SHRUBS LOCATED IN THE CITY STREET OR ALLEY RIGHT-OF-WAY OR PERMANENT EASEMENTS WHICH INTERFERE WITH PROPOSED CONSTRUCTION ACTIVITIES SHALL BE PROPERLY PRUNED FOLLOWING THE ANSI A-300 STANDARDS FOR PRUNING. ALL TREE PRUNING SHALL BE COMPLETED BY A CITY OF SAN ANTONIO TREE MAINTENANCE LICENSED CONTRACTOR (ARTICLE 21-171, CITY CODE) ONLY AFTER APPROVAL FROM THE CAPITAL PROJECTS MANAGEMENT THROUGH THE INSPECTOR.
11. NO EXCESSIVE TREE TRIMMING WILL BE PERMITTED.
12. ALL DEBRIS GENERATED BY THE PRUNING AND TRIMMING OF THE TREES AND/OR BUSHES SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF PROPERLY (NO SEPARATE PAY ITEM).
13. TREES MUST BE MAINTAINED IN GOOD HEALTH THROUGHOUT THE CONSTRUCTION PROCESS. MAINTENANCE MAY INCLUDE, BUT NOT LIMITED TO: WATERING THE ROOT PROTECTION ZONE, WASHING FOLIAGE, FERTILIZATION, PRUNING, ADDITIONAL MULCH APPLICATIONS AND OTHER MAINTENANCE AS NEEDED ON THE PROJECT.
14. ANY TREE REMOVAL SHALL BE APPROVED BY THE CITY ARBORIST. (207-0278)
15. TREES WHICH ARE DAMAGED OR LOST DUE TO THE CONTRACTOR'S NEGLIGENCE DURING CONSTRUCTION SHALL BE MITIGATED TO THE CITY'S SATISFACTION.
16. TREE PLANTING FOR MITIGATION OR ENHANCEMENT: ALL PLANTED TREES SHALL BE MAINTAINED IN A HEALTHY CONDITION AT ALL TIMES. THIS INCLUDES IRRIGATION, FERTILIZING, PRUNING AND OTHER MAINTENANCE AS NEEDED ON THE PROJECT. TREES THAT DIE WITHIN TWELVE (12) MONTHS SHALL BE REPLACED WITH A TREE OF EQUAL SIZE AND SPECIES.

PREPARED BY: FERNANDEZ FRAZER WHITE & ASSOC. INC.
& C. F. ZAVALA GROUP

CITY OF SAN ANTONIO

DEPARTMENT OF PUBLIC WORKS

**CITY OF SAN ANTONIO
TREE PROTECTION DETAILS**

TREE PRESERVATION

DESIGNED:	FED. RD. DIV. NO.	STATE		SHT. NO.
CHECKED:		TEXAS		1 OF 1
DRAWN:	STATE DIST. NO.	COUNTY	CONTROL NO.	SECT. NO.
CHECKED:		BEXAR		JOB NO. HIGHWAY NO.