HISTORIC AND DESIGN REVIEW COMMISSION

May 06, 2015 Agenda Item No: 24

HDRC CASE NO: 2015-162

ADDRESS: 1115 MISSION RD

LEGAL DESCRIPTION: NCB 20 BLK LOT 54 EXC NE IRR 202.76FT PER DEED 11586/0964 EXEC

06-24-05

ZONING: MF33 H RIO-4

CITY COUNCIL DIST.: 3

DISTRICT: Mission Historic District

APPLICANT: Carl Bain **OWNER:** Seton Homes

TYPE OF WORK: Parking lot expansion

REQUEST:

The applicant is requesting a Certificate of Appropriateness for approval to:

Expanding parking on the site by constructing a new parking lot that is to accommodate parking for fifteen (15) vehicles.

APPLICABLE CITATIONS:

UDC Section 35-672, Neighborhood Wide Design Standards

- (b) Automobile Access and Parking. Automobile circulation should be efficient, and conflicts with pedestrians minimized. Entry points for automobiles should be clearly defined and connections to auto circulation on adjoining properties are encouraged to facilitate access and reduce traffic on abutting public streets.
 - (1) Curb Cuts.
 - A. Limit curb cuts to two (2) on parking areas or structures facing only one (1) street, and one (1) for each additional street face. The prohibition of additional curb cuts may be waived by the HDRC where the intent of the standards are clearly met and specific site circulation patterns require an additional curb cut, such as on long parcels or at nodes.
 - B. Curb cuts may be no larger than twenty-five (25) feet zero (0) inches. Continuous curb cuts are prohibited.
 - C. Sharing curb cuts between adjacent properties, such as providing cross property access easements, is permitted.
- (2) Location of Parking Areas. Automobile parking in new developments must be balanced with the requirements of active environments. Large expanses of surface parking lots have a negative impact on street activity and the pedestrian experience. New commercial and residential structures can accommodate parking needs and contribute to a pedestrian-friendly streetscape.
 - A. Locate parking areas, that is any off-street, ground level surface used to park cars or any parking structure, toward the interior of the site or to the side or rear of a building.
 - B. The extent of parking area that may be located along the street edge or riverside shall be limited to a percentage of the lot line as per Table 672-1 as measured in a lineal direction parallel to the lot line. All parking within a thirty-foot setback from the above mentioned lot line shall comply with the requirements of the table. Where parking is located on corner sites only one (1) lot line has to meet the requirements of the table.
 - C. Parking lots should be avoided as a primary land use. Parking lots as a primary use are prohibited in RIO-3 and for all properties that fall within one hundred (100) feet of the river right-of-way in all RIO districts.
- (3) Screen or Buffer Parking Areas From View of Public Streets, the River or Adjacent Residential Uses. (see Figure 672-2). Parking lots shall be screened with a landscape buffer as per the illustrations of bufferyards and Table 510-2 if the parking area meets one (1) of the following conditions:
 - A. Within a fifty-foot setback from the edge of the river ROW use, at a minimum, type E; or
 - B. Within a twenty-foot setback from a property line adjacent to a street use, at a minimum, type B; or
 - C. Within a twenty-foot setback of commercial or industrial property that abuts a residential property use, at a minimum, type C.

Sec. 35-630. - Designated Archaeological Sites.

(a)Designated archaeological sites shall be treated as any other exceptional or significant resource and shall be Reviewed by the historic preservation office, in consultation with the city archaeologist and the historic and design review commission following the procedures set forth in sections 35-608 to 35-613 of this article.

(b)Owners of property containing designated archaeological sites are encouraged to educate the citizens of San Antonio regarding archaeological components of the site and shall coordinate any efforts with the office of historic preservation. (Ord. No. 2010-06-24-0616, § 2, 6-24-10)

Sec. 35-634. - Cemeteries.

All applicants for permits, excluding burial permits, affecting cemeteries shall be referred to the city historic preservation officer for the purpose of determining whether or not the cemetery is historically, culturally, architecturally, or archaeologically exceptional or significant. If the cemetery is determined by the city historic preservation officer to be exceptional or significant, any proposed change, excluding burials, must be presented to the historic and design review commission for approval of planned work. If a court of competent jurisdiction has granted permission for cancellation or destruction of such cemetery, any plans for new construction must be approved thereafter by the historic and design review commission before construction commences. The historic and design review commission shall be governed in its recommendations by regulations set forth in Texas state law for cemeteries excluding burial permits.

UDC Section. 35-675. Archaeology.

When an HDRC application is submitted for commercial development projects within a river improvement overlay district the city archeologist shall review the project application to determine if there is potential of containing intact archaeological deposits utilizing the following documents/methods:

- (1) The Texas Sites Atlas for known/recorded sites, site data in the files of the Texas Archeological Research Laboratory and the Texas Historical Commission;
- (2)USGS maps;
- (3)Soil Survey maps;
- (4)Distance to water;
- (5)Topographical data;
- (6)Predictive settlement patterns;
- (7) Archival research and historic maps;
- (8) Data on file at the office of historic preservation.

If after review the city archeologist determines there is potential of containing intact archaeological deposits, an archaeological survey report shall be prepared and submitted. If, after review by the city archeologist, a determination is made that the site has little to no potential of containing intact archaeological deposits, the requirement for an archaeological survey report may be waived.

Upon completion of a survey, owners of property containing inventoried archaeological sites are encouraged to educate the public regard

Historic Design Guidelines, Chapter 5, Guidelines for Site Elements

3. Landscape Design

A. PLANTINGS

iii. *Native xeric plant materials*—Select native and/or xeric plants that thrive in local conditions and reduce watering usage. See UDC Appendix E: San Antonio Recommended Plant List—All Suited to Xeriscape Planting Methods, for a list of appropriate materials and planting methods. Select plant materials with a similar character, growth habit, and light requirements as those being replaced.

B. ROCKS OR HARDSCAPE

- i. *Impervious surfaces* —Do not introduce large pavers, asphalt, or other impervious surfaces where they were not historically located.
- iii. *Rock mulch and gravel* Do not use rock mulch or gravel as a wholesale replacement for lawn area. If used, plantings should be incorporated into the design.

FINDINGS:

- a. The applicant is proposing to construct a new parking lot at 1115 Mission Rd that is to contain fifteen (15) new parking spaces. The applicant has proposed materials of asphalt paving and concrete curbs and wheel stops. The applicant has proposed to use the existing curb cuts on site and has provided a tree preservation plan regarding the protection and preservation of the site's existing trees throughout construction.
- b. The UDC Section 35-672 (3)(b) states that the construction of parking within a twenty (20) foot setback of public streets must screened with a landscaping buffer. The applicant has not provided information regarding the screening of the proposed parking lot from the public right of way. The applicant should refer to UDC Appendix E: San Antonio Recommended Plant List for information regarding landscaping materials that are appropriate for properties in the River Improvement Overlay.
- c. The UDC Section 35-675 states that an HDRC application for commercial development projects within a river improvement overlay district shall be reviewed by the city archaeologist to determine if there is potential of containing intact archaeological deposits. The applicant is responsible for complying with this section of the. All excavations must meet the requirements for archaeology outlined in UDC Sections 35-630, 35-634, 35-675 and 35-606.

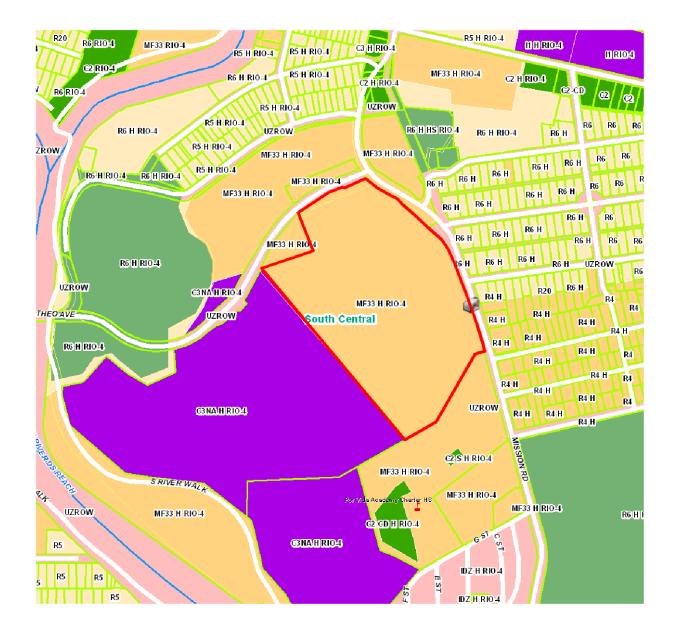
RECOMMENDATION:

Staff recommends approval based on findings a through c with the following stipulations:

i. That applicant refer to UDC Appendix E: San Antonio Recommended Plant List for information regarding landscaping materials that are appropriate for properties in the River Improvement Overlay prior to returning to the HDRC.

CASE MANAGER:

Edward Hall



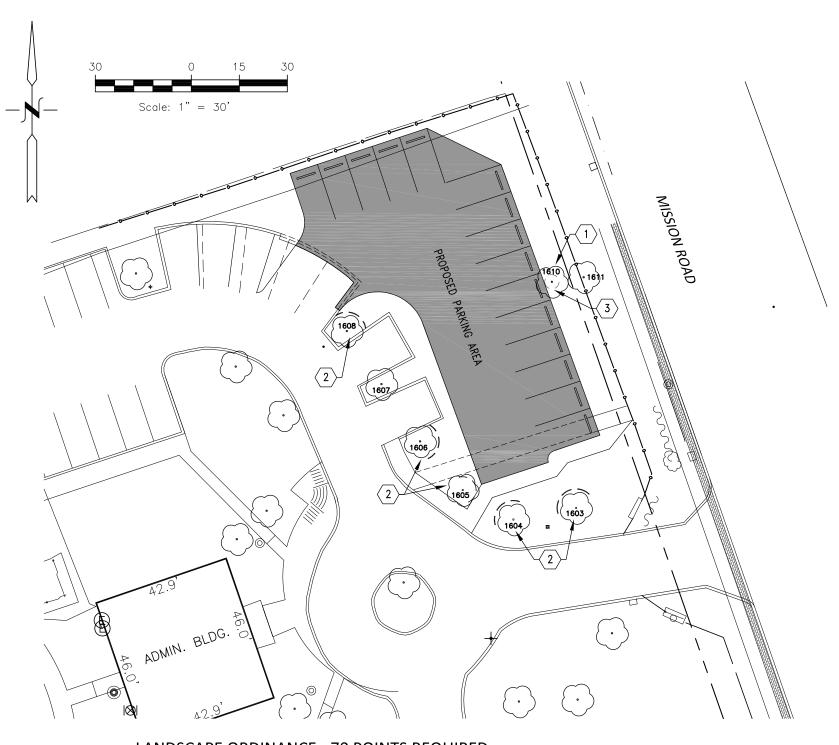


Flex Viewer

Powered by ArcGIS Server

Printed:Apr 28, 2015

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LEGEND



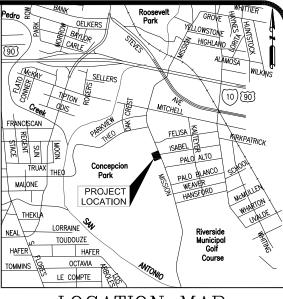
TREE SYMBOL / TAG NUMBER



TREE PROTECTION



TREE LIST					
TAG	SIZE & TYPE	DRIP DIA.			
1603	12" OAK	50'			
1604	12" OAK	50'			
1605	13" OAK	50'			
1606	12" OAK	40'			
1607	12" OAK	40'			
1608	15" OAK	40'			
1610	17" PECAN	60'			
1611	17" PECAN	60'			



LOCATION MAP

KEY NOTES

- \langle \uparrow \rangle TREE 1610 17" PECAN TO BE WARRANTED.
- \langle 2 \rangle TREE PROTECTION LEVEL II A. SEE LANDSCAPE DETAILS.
- \langle 3 \rangle TREE PROTECTION LEVEL II B. SEE LANDSCAPE DETAILS.

TREE PRESERVATION SCHEDULE

TREE NUMBER	TREE DIAMETER		SIGNIFICANT TREES 6"< 24" (@40% MIN.)		HERITAGE TREES (24"+ @100%)			TREE CANOPY
			TO REMAIN	TO BE REMOVED	TO REMAIN	TO BE REMOVED(3:1)	TO BE REMOVED(3:1)	(S.F.)
1603	12"	OAK	12"					875
1604	12"	OAK	12"					875
1605	13"	OAK	13"					875
1606	12"	OAK	12"					875
1607	12"	OAK	12"					875
1608	15"	OAK	15"					875
1610	17"	PECAN	17"					1200
1611	17"	PECAN	17"					1200
SUB-TOT	L INCHES:		110"	0	0	0	0	7650
TOTAL ON-SITE INCHES:		110"		0				
MIN. REQ	MIN. REQUIRED INCHES:		44	44" 0				
% INCHES PRESERVED:		10	100% 0.00%					
SURPLUS INCHES:		0		0				
INCHES TO BE MITIGATED:		0		0				
LESS INCHES MITIGATED W/EXTG TREES:		0		0				
TOTAL SURPLUS INCHES:		0		0				
TOTAL MITIGATED INCHES PROVIDED:		0		0				

PRELIMINARY

FOR REVIEW ONLY Not for construction, bidding or permit purposes. BAIN MEDINA BAIN, INC.
TBPE No.1712
TBPLS No.10020900

CARL BAIN 04-02-15 P.E. No. 56996

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BAIN MEDINA BAIN, INC. ENGINEERS & SURVEYORS 7073 San Pedro San Antonio, Texas 78216 210/494-7223

SETON HOME

1115 MISSION ROAD

PARKING LOT IMPROVEMENTS

LANDSCAPE PLAN

DRAWN BY: R.E.M. APPROVED BY: OCTOBER 2014 JOB NO.: SHEET 5 OF 6 TBPE: F-1712 / TBPLS: 10020900

DESIGNED BY:

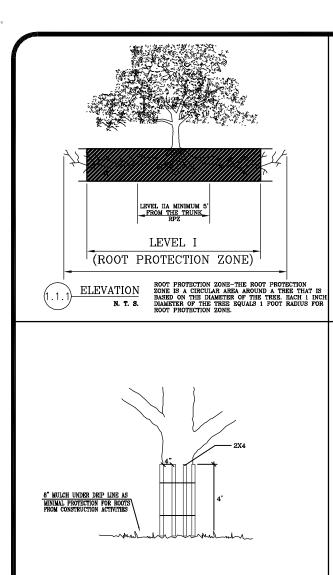
LANDSCAPE ORDINANCE - 70 POINTS REQUIRED

- 1) TREE PRESERVATION (40 POINTS MAX.) 40 POINTS 12" TO <18" CALIPER: 8x8 Points = 64 Points
- 2) PARKING LOT SHADING (25% SHADING): 20 POINTS 25% x 5250 S.F. Parking Area = 1313 S.F. 6 Oak Trees (Yard) @ 875 = 2 Pecan Trees (Street) @ 1200 = 2400 S.F.

Total: 7650 S.F. > 1313 S.F.

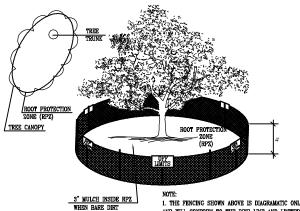
3) STREET TREES (25 Points): 25 POINTS Street Yard Frontage: 144 L.F. 144 L.F. / 50 Ft. O.C. = 2 Trees Required. 2 Existing Trees (12" to <18") Total: 85 POINTS > 70 OK

5 EXISTING PARKING SPACES 15 ADDITIONAL PARKING SPACES



WRAP TREE TRUNK WITH 2"X4" STUDS AND ROPE OR BAND IN PLACE

1.1.4 LEVEL II B FENCE PROTECTION



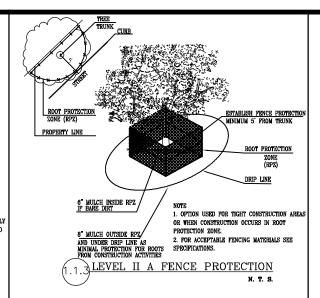
AND WILL CONFORM TO THE DRIP LINE AND LIMITED TO PROJECT BOUNDARY. 2. FOR ACCEPTABLE FRACING MATERIALS SER

-12" MIN & 48" MAX

1.1.2 LEVEL I & FENCE PROTECTION N. T. S.

TREES THAT ARE MARKED TO BE PRESERVED ON A SITE PLAN AND FOR WHICH UTILITIES MUST PASS TROUGH THEIR ROOT PROTECTION ZONES MAY REQUIRE TUNNELING AS OPPOSED TO OPEN TRENCHES. THE DECISION TO TUNNEL WILL BE DETERMINED ON A CASE BY CASE

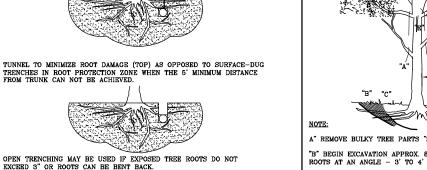
TUNNELS SHALL BE DUG THROUGH THE ROOT PROTECTION ZONE IN ORDER TO MINIMIZE ROOT DAMAGE.



A" REMOVE BULKY TREE PARTS "SHRED" AND/OR HAUL SEPARATELY

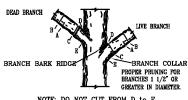
ROOTS AT AN ANGLE - 3' TO 4' DEEP

"C" USING TREE TRUNK AS A LEVER PUSH AT POINT "E" TO REMOVE TREE BOLE AND LARGE FEEDER ROOTS (4" TO 10" IN DIAM.)



"D" BACKFILL HOLE AND CLEAN UP.

TREE REMOVAL DIAGRAM N. T. S.

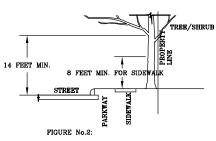


NOTE: DO NOT CUT FROM D to E.

- 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.

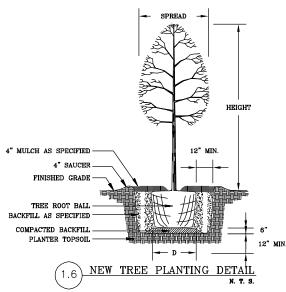
(1.4)BRANCH PRUNING DETAIL



BORING THRU TREE ROOT ZONE

A MINIMUM BRANCH CLEARANCE OF 14 FEET ABOVE STREET ELEVATION MUST BE MAINTAINED FROM THE PROPERTY LINE TO THE CURB LINE AS PRESCRIBED BY PROJECT MANAGER.

BRANCH CLEARANCE DETAIL



1. ALL THE TREES WITH A DIAMETER GREATER THAN 3 INCHES AFFECTED BY CONSTRUCTION SHALL HAVE THE LIMBS AND ROOTS TRIMMED AND PRUNED ACCORDING TO ITEM NO. 802. TREE PRUNING, SOIL AMENDING AND FERTILIZATION, UNLESS SPECIFIED TREES SHALL RECEIVE LEVEL 2 PROTECTION AS PER ITEM NO. 802. TREES TO RECEIVE LEVEL 1 PROTECTION AS PER ITEM NO. 802 ARE SHOWN ON TREE PROTECTION TABLE ON THIS SHEET.

2. ALL TREES SHALL REMAIN UNLESS NOTED ON THE PLANS.

3. NO SITE PREPARATION WORK SHALL BEGIN IN AREAS WHERE TREE PRESERVATION AND TREATMENT MEASURES HAVE NOT BEEN COMPLETED AND APPROVED.

4. TREE PROTECTION FENCING SHALL BE REQUIRED. TREE PROTECTION FENCING SHALL BE INSTALLED, MAINTAINED AND REPAIRED BY THE CONTRACTOR DURING SITE CONSTRUCTION.

5. THE CONTRACTOR SHALL AVOID CUTTING ROOTS LARGER THAN THREE INCHES IN DIAMETER WHEN EXCAVATING NEAR EXISTING TREES. EXCAVATION IN THE VICINITY OF TREES SHALL PROCEED WITH CAUTION. THE CONTRACTOR SHALL CONTACT THE CITY INSPECTOR.

7. ACCESS TO FENCED AREAS WILL BE PERMITTED ONLY WITH THE APPROVAL OF THE ENGINEER OR CITY INSPECTOR.

8. GRADING, IF REQUIRED, SHALL BE LIMITED TO A 3 INCH CUT OR FILL WITHIN THE FENCED ROOT ZONE AREAS.

9. TREES, SHRUBS OR BUSHES TO BE CLEARED FROM PROTECTED ROOT ZONE AREAS SHALL BE REMOVED BY HAND AS DIRECTED BY THE PROJECT MANAGER OR CITY INSPECTOR.

10. TREES DAMAGED OR LOST DUE TO CONTRACTOR'S NEGLIGENCE DURING CONSTRUCTION SHALL BE MITIGATED TO THE

11. EXPOSED ROOTS SHALL BE COVERED AT THE END OF EACH DAY USING TECHNIQUES SUCH AS COVERING WITH SOIL, MULCH OR WET BURLAP.

12. ANY TREE REMOVAL SHALL BE APPROVED BY THE CITY ARBORIST PRIOR TO ITS REMOVAL.

GENERAL NOTES

TOPE DECTRON TABLE

TREE PROTECTION TABLE						
PROTECTION MEASURE						
MEASURE ITEM 802						
TREE	TREE/CALIPER	STATION OR	LOCATION	гтем во	MAINTENCE/	REMOVAL
SHEET #	SHEET #	NUMBER			TREATMENTS/	SEE GENERAL
D11221 η		1101111111			PROTECTION	NOTE No. 2
					-	
					<u> </u>	

TREE PROTECTION TABLE

TREE INVENTORY SUMMARY (8" DIAMETER AND LARGER) TOTAL DIAMETER INCHES, R.O.W TOTAL DIAMETER INCHES REMOVED TOTAL PERCENTAGE INCHES PRESERVED TOTAL INCHES TO BE MITIGATED

TREE INVENTORY SUMMARY

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TBPE No.1712
TBPLS No.10020900

Engineer CARL BAIN

04-02-15 P.E. No. 56996 Date

> **SETON HOME** 1115 MISSION ROAD PARKING LOT IMPROVEMENTS TREE PRESERVATION

RFM APPROVED BY:

DESIGNED BY:

DRAWN BY:

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:

SHT. NO

R.E.M



BAIN MEDINA BAIN, INC. ENGINEERS & SURVEYORS 7073 San Pedro San Antonio, Texas 78216 210/494-7223 TBPE: F-1712 / TBPLS: 10020900

OCTOBER 2014 JOB NO.: SHEET 6 OF 6

COUNTY CONTROL SECT. JOB NO. HIGHWAY NO.

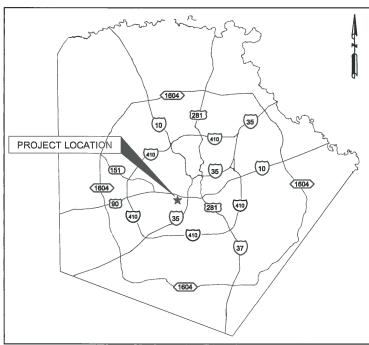
SETON HOME

1115 Mission Road San Antonio, Texas October 2014



INDEX OF DRAWINGS

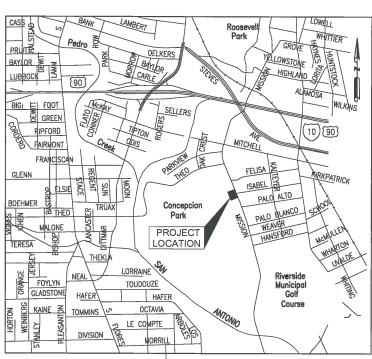
- C-1 TITLE SHEET
- C-2 DEMOLITION & DIMENSION CONTROL
- C-3 SITE GRADING PLAN
- C-4 CIVIL DETAILS



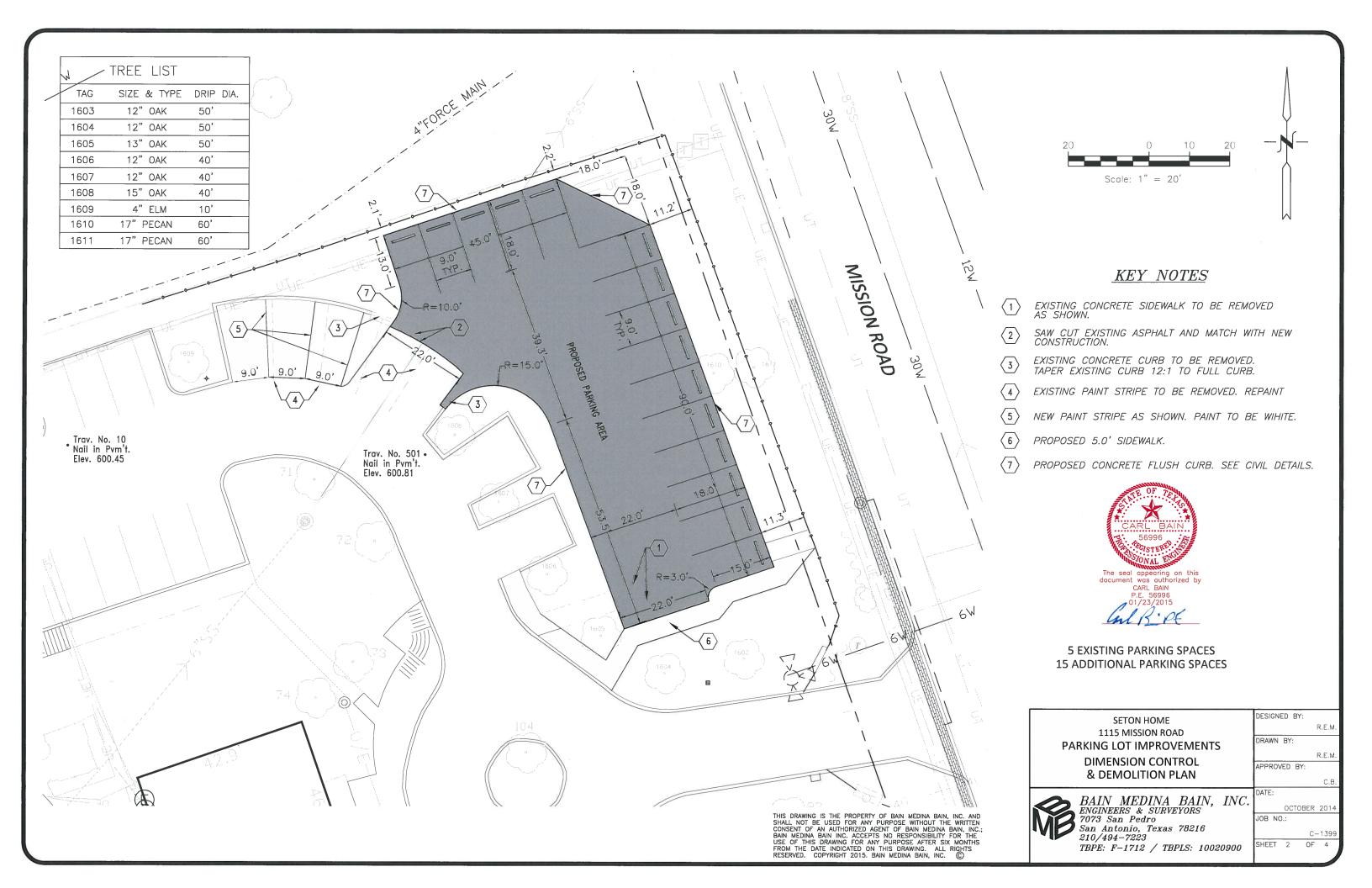
VICINITY MAP

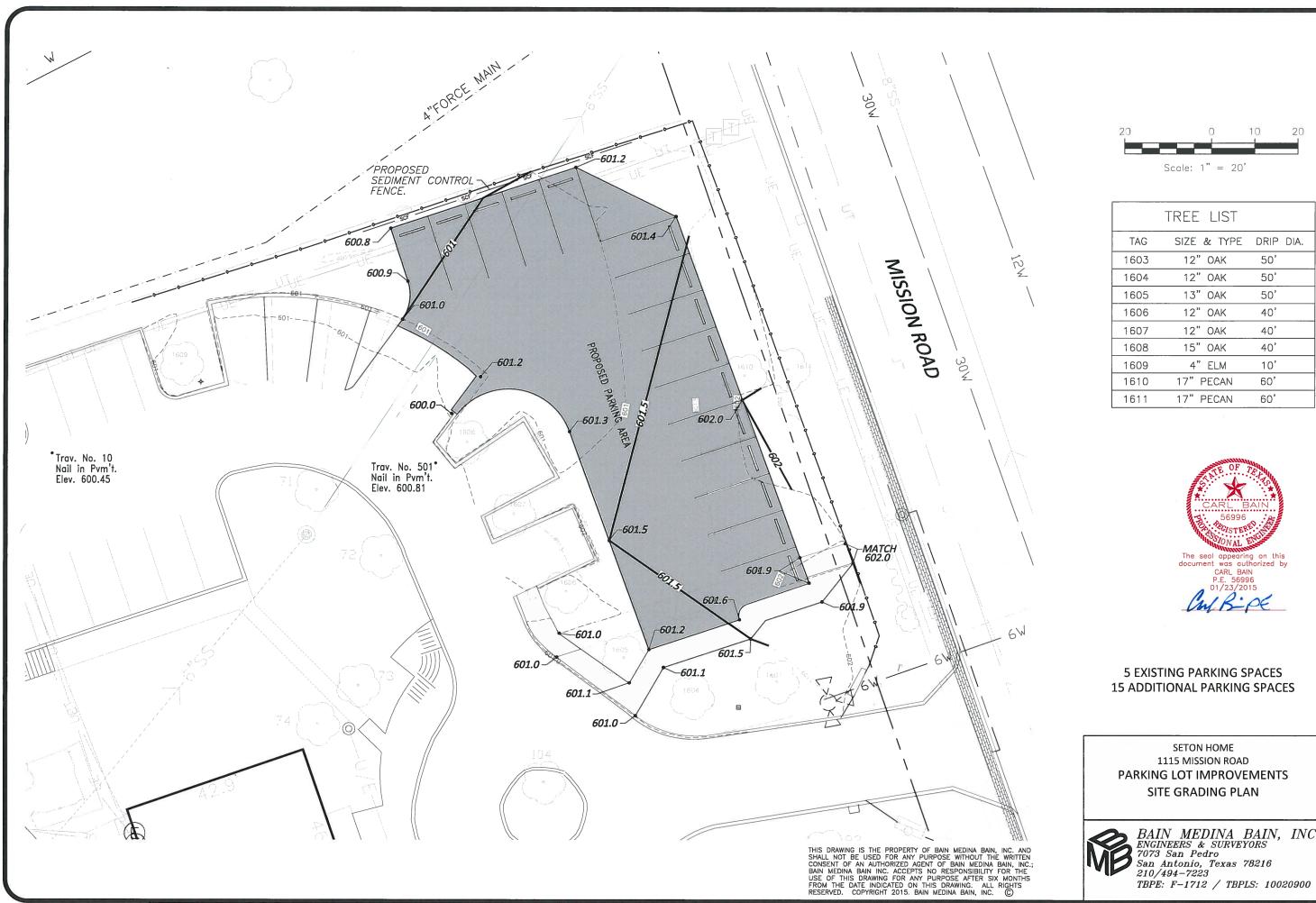
SITE WORK GENERAL NOTES

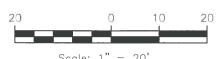
- ALL CONSTRUCTION SHALL CONFORM TO THE PROJECT PLANS, AND CITY OF STAN ANTONIO STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION. GRASSPAVE2 SHALL CONFORM TO THE MANUFACTURERS SPECIFICATIONS.
- 2. ANY CHANGES IN THE SCOPE OF WORK SHALL BE APPROVED BY THE OWNER AND ENGINEER BEFORE THE CONTRACTOR COMMENCES WITH THE CHANGES.
- 3. CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING TO ITS ORIGINAL, OR BETTER CONDITION, ANY DAMAGE DONE TO EXISTING FENCES, CONCRETE ISLANDS, STREET PAVING, CURBS, SHRUBS, BUSHES OR DRIVEWAYS. (NO SEPARATE PAY ITEM).
- 4. DUE TO FEDERAL REGULATIONS TITLE 49, PART 192.171, C.P.S. MUST MAINTAIN ACCESS TO GAS VALVES AT ALL TIMES. THE CONTRACTOR MUST PROTECT AND WORK AROUND ANY GAS VALVES THAT ARE IN THE PROJECT AREA.
- 5. CONTRACTOR IS RESPONSIBLE FOR REMOVAL OF ALL WASTE MATERIALS UPON PROJECT COMPLETION. THE CONTRACTOR SHALL NOT PERMANENTLY PLACE ANY WASTE MATERIALS IN THE 100-YEAR FLOOD PLAIN WITHOUT FIRST OBTAINING AN APPROVED FLOOD PLAIN DEVELOPMENT PERMIT.
- 6. CONTRACTOR SHALL BE RESPONSIBLE FOR SETTING ALL CONSTRUCTION STAKES, MARKS, ETC. THE ENGINEER SHALL PROVIDE VERTICAL INFORMATION TO BE VERIFIED BY THE CONTRACTOR.
- 7. ALL TEMPORARY EROSION AND SEDIMENTATION CONTROLS SHALL BE PLACED PRIOR TO COMMENCING CONSTRUCTION AND REMOVED BY THE CONTRACTOR AFTER FINAL ACCEPTANCE OF THE PROJECT.
- 8. THE CONTRACTOR SHALL CONFINE HIS OPERATIONS TO THE IMMEDIATE WORK AREA AND SHALL PROVIDE SAFETY OF PERSONS AND PROPERTY. EXISTING VEGETATION, PLANTS, SHRUBS, TREES AND GRASS, ETC., SHALL BE PROTECTED AS REQUIRED. CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING TO ITS ORIGINAL, OR BETTER CONDITION, ANY DAMAGE DONE TO STREETS, PARKING AREAS, CURBS, WALKS, DRIVES, FENCES, ETC. REPAIRS OR REPLACEMENT SHALL NOT BE CONSIDERED A SEPARATE PAY ITEM.
- 9. ALL DISTURBED AREAS SHALL BE SODDED UPON COMPLETION OF CONSTRUCTION.
- 10. CONTRACTOR IS REQUIRED TO CLEAN UP DAILY AND MAINTAIN SIDEWALKS AROUND WORK AREAS FREE OF MUD, DIRT, AND DEBRIS.
- 11. CONTRACTOR SHALL NOTIFY ENGINEER FOR INSPECTION OF WORK BEFORE CONTINUING AND COMPLETION. (IE. CONCRETE POURS, BASE PLACEMENT ETC.).
- 12. CONTRACTOR TO OBTAIN ALL REQUIRED PERMITS.
- 13. CONTRACTOR TO PROVIDE TESTING BY THE TESTING LAB APPROVED BY THE ENGINEER.
- 14. CONTRACTOR TO PROVIDE MATERIAL SUBMITTALS AND TESTING TO ENGINEER FOR REVIEW.
- 15. CONTRACTOR TO CONTACT TEXAS ONE CALL AT 1-800-344-8377 FOR UTILITY LOCATES AND PROTECT UTILITIES DURING CONSTRUCTION.



LOCATION MAP







	TREE LIST	
TAG	SIZE & TYPE	DRIP DIA.
1603	12" OAK	50'
1604	12" OAK	50'
1605	13" OAK	50'
1606	12" OAK	40'
1607	12" OAK	40'
1608	15" OAK	40'
1609	4" ELM	10'
1610	17" PECAN	60'
1611	17" PECAN	60'



SETO	ON HOME
1115 M	ISSION ROAD
PARKING LOT	IMPROVEMENTS
SITE GR	ADING PLAN

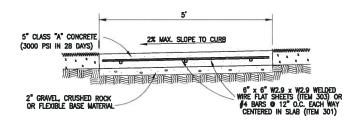
BAIN MEDINA BAIN, INC. ENGINEERS & SURVEYORS 7073 San Pedro

DESIGNED BY: RAWN BY: APPROVED BY:

OCTOBER 2014

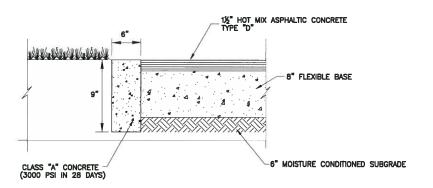
JOB NO.:

SHEET 3

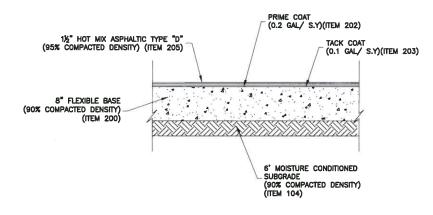


1. EXPANSION SHALL NOT EXCEED 50 L.F. SEE SPECIFICATIONS.
2. TRANS

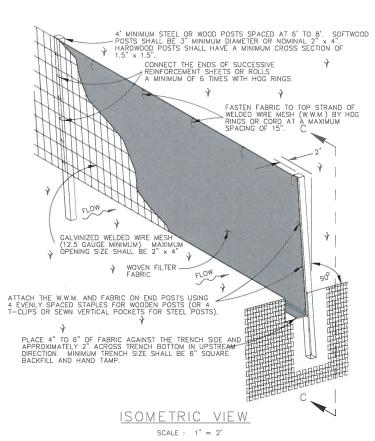
CONCRETE SIDEWALK DETAIL

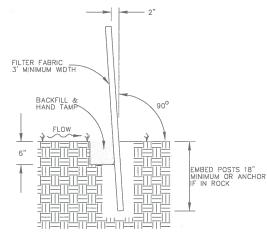


CONCRETE FLUSH CURB



TYPICAL PAVEMENT DETAIL





SECTION C-C

SEDIMENT CONTROL FENCE USAGE GUIDELINES

A SEDIMENT CONTROL FENCE MAY BE CONSTRUCTED NEAR THE DOWNSTREAM PERIMETER OF A DISTURBED AREA ALONG A CONTOUR TO INTERCEPT SEDIMENT FROM OVERLAND RUN-OFF. A 2 YEAR STORM FREQUENCY MAY BE USED TO CALCULATE THE FLOW RATE TO BE FILTERED.

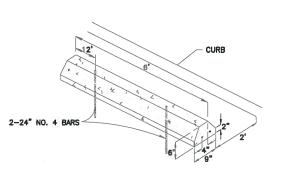
SEDIMENT CONTROL FENCE SHOULD BE SIZED TO FILTER A MAXIMUM FLOW THRU RATE OF 100 GPM / FT SQUARED. SEDIMENT CONTROL FENCE IS NOT RECOMMENDED TO CONTROL EROSION FROM A DRAINAGE AREA LARGER THAN 2 ACRES.

GENERAL NOTES

1. THE GUIDELINES SHOWN HEREON ARE SUGGESTIONS ONLY AND MAY BE MODIFIED BY THE ENGINEER.



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1. AMERICAN No. CB06 PRECAST WHEEL STOP OR APPROVED EQUAL INSTALL AS SHOWN IN TYPICAL PARKING STRIPE DETAIL

TYPICAL WHEEL STOP



SETON HOME 1115 MISSION ROAD PARKING LOT IMPROVEMENTS CIVIL DETAILS

NOTE: PRE-CAST CAR STOP SHALL BE 5'-0" IN LENGTH WITH (2) ANCHOR HOLES.

CAR STOP DETAIL



BAIN MEDINA BAIN, INC. ENGINEERS & SURVEYORS 7073 San Pedro San Antonio, Texas 78216 210/494-7223 TBPE: F-1712 / TBPLS: 10020900

DESIGNED BY: R.E.N DRAWN BY: R.E.M.

APPROVED BY:

PIN CAR STOP TO PAVEMENT (#4 BAR - 18" MIN. LENGTH)

OCTOBER 2014 JOB NO.:

OF 4 SHEET 4

TEMPORARY SEDIMENT CONTROL FENCE