

SHADE TREES				
SYMBOL	QUANTITY	COMMON NAME	SCIENTIFIC NAME	SIZE AND CONDITION
	4	Mexican Sycamore	Platanus mexicana	3" caliper
	5	Red Oak	Quercus shumardii	3" caliper

ORNAMENTAL TREES				
SYMBOL	QUANTITY	COMMON NAME	SCIENTIFIC NAME	SIZE AND CONDITION
	3	Mexican Fan Palm	Washingtonia Robusta	6' ht. / B & B
	7	Texas Redbud	Cercis canadensis 'Texana'	2" caliper / 6' height minimum
	8	Tree Yaupon	Ilex vomitoria	2" caliper / 6' height minimum

SHRUBS				
QUANTITY	SYMBOL	COMMON NAME	SCIENTIFIC NAME	SIZE AND CONDITION
46		Bicolor Iris	Diets bicolor	5 gal., 24" ht.
32		Big Muhly	Muhlenbergia lindheimeri	5 gal., 24" ht.
27		Cast Iron Plant	Aspidistra elatior	5 gal., 24" ht.
17		Dwarf Palmetto	Sabal minor	7 gal., 24" ht.
13		Green Goblet Agave	Agave x pseudoterfoxf 'Green Goblet'	7 gal., 24" ht.
3		Pride of Barbados	Caesalpinia pulcherrima	5 gal., 24" ht.
18		Spineless Prickly Pear	Opuntia ellisiana 'Griffiths'	5 gal., 24" ht.
59		Gulf Muhly	Muhlenbergia capillaris var. capillaris	5 gal., 24" ht.
41		Texas Sage	Leucophyllum sp.	5 gal., 24" ht.
11		Red Yucca	Hesperaloe parviflora	5 gal., 24" ht.
6		Evergreen Sumac	Muhlenbergia lindheimeri	10 gal., 24" ht.
6		Texas Mountain Laurel	Sophora secundiflora	10 gal., 24" ht.

GROUND COVERS / PERENNIALS / GRASSES / VINES				
QUANTITY	SYMBOL	COMMON NAME	SCIENTIFIC NAME	SIZE AND CONDITION
43		Purple Trailing Lantana	Lantana sellowiana	1 gal., @ 24" O.C.
97		Fall Aster	Symphoricarichum oblongifolium	1 gal., @ 24" O.C.
62		Flax Lily	Dianella tasmanica	1 gal., @ 18" O.C.
94		New Gold Lantana	Lantana x 'New Gold'	1 gal., @ 24" O.C.
30		Foxtail Fern	Asparagus densiflorus 'Myers'	1 gal., @ 24" O.C.
79		White Sage	Salvia greggii 'White'	1 gal., @ 24" O.C.

TURF GRASS				
QUANTITY	SYMBOL	COMMON NAME	SCIENTIFIC NAME	SIZE AND CONDITION
+/- 4,700		Tifway 419 Bermuda Grass	Cynodon dactylon var. 'Tifway 419'	S.F. Solid Sod free of weeds

MISCELLANEOUS		
QUANTITY	CALLOUT	DESCRIPTION
+/- 2,500		SF 2" bed prep. Dillo dirt or equal tilled in all perennial areas, typ.
+/- 5,200		SF 4" depth dark hardwood mulch. All planting areas, not called out as gravel
+/- 1,020		SF 4" depth, 1/2" Diameter Limestone Gravel
+/- 390		L.F. Ryersons steel edging 1/8" x 5" Finish: Brown -Note: bottom 1/2 of edging to be installed below grade, typ.
+/- 22		Minimum +/- 3' x 2' x 1' Limestone Boulder
15		Low voltage light fixture to be selected by owner, typ.

- MISCELLANEOUS**
- Quantities shown are for contractor's convenience only. Contractor is responsible for verification of all quantities.
 - All existing turf areas are to be scraped and topsoil added for new sod.

- LANDSCAPE CONSTRUCTION NOTES**
- It is the responsibility of the landscape contractor to confirm all materials quantities from the plans. All quantities shown on the schedule are for contractor's convenience only.
 - No substitutions on size or spacing of plants on this plan can be made without the approval of Landscape Architect or owner.
 - The contractor is responsible for verifying all existing utilities on site. Any damage to existing or proposed utilities is to be repaired according to local standards and at the landscape contractor's expense. Coordinate all construction with the appropriate utility companies.
 - Dimensions used for height, spread and truck specification on the plant material list are a general guide for the minimal size of plant.
 - No excavation or planting pit shall be left open overnight.
 - Positive drainage is to be provided around all building foundations.
 - The landscape contractor shall obtain any necessary permits, licensees, etc. and shall give notices and comply with all applicable laws, ordinances, codes, rules and regulations during the course of the project.
 - All plant material to be nursery grown and to comply with the American standard for nursery stock for size and quality.
 - The landscape architect / client reserve s the right to refuse any plant material or any defective workmanship.
 - All plant material shall have a well formed head with minimum caliper height and spread of the side branches as shown on the plant list. Trunk shall be undamaged and shape shall be typical of the species.
 - The landscape contractor shall be responsible for the staking and layout of all planting on this project.
 - Should the landscape contractor encounter unsatisfactory surface or subsurface drainage conditions, soil depth, hard pan, stems, utility lines, or other conditions that may compromise the health and vigor of the plants, they must advise the landscape architect in writing the conditions prior to installing plants. Otherwise the landscape contractor warrants that the planting areas are suitable for proper growth and development of the plants to be installed.
 - Existing trees are to be protected and barricaded if necessary for the proposed landscape improvements. The landscape contractor assumes full responsibility for any tree damage caused directly by his scope of work.

LANDSCAPE CALCULATIONS		
MANDATORY CRITERIA	Required	Provided
PARKING LOT SHADING Total S.F. of parking lot 8,230 x 25% = 2,058 s.f. SHADE VALUE OF EXISTING TREES: 0 SF	N/A	8,230 s.f.
SHADE VALUE OF PROPOSED TREES: 1,800 SF (3) Mex. Sycamore x 1,200 sf (75%) = 2,700 sf	2,058 s.f. (25%)	2,700 s.f. (33%)
TOTAL POINTS EARNED: 25 POINTS		
PRIMARY ARTERIAL 'B' BUFFER: BROADWAY ST. Total L.F. of frontage = 192' / 100' = 1.92	N/A	192 L.F.
2 Canopy Trees / 100' = 4 (4) Proposed Canopy Trees	4	4
2 Understory Trees / 100' = 4 (6) Proposed 'Small' Trees	4	4
6 Large Shrubs / 100' = 12 (12) Proposed 'Large' Shrubs	12	12
8 Medium Shrubs / 100' = 16 (16) Proposed 'Medium' Shrubs	16	16
6 Small Shrubs / 100' = 12 (12) Proposed 'Small Shrubs'	12	12
*ELECTIVE CRITERIA	Required	Provided
*SCREENING OF SURFACE PARKING Total L.F. of area screened	36 L.F.	36 L.F.
TOTAL POINTS EARNED: 25 POINTS		
*STREET TREES 342 / 50 = 7 STREET TREES MINIMUM	7 MIN.	11
TOTAL POINTS EARNED: 25 POINTS		
TOTAL POINTS FROM LANDSCAPE	70 POINTS	75 POINTS

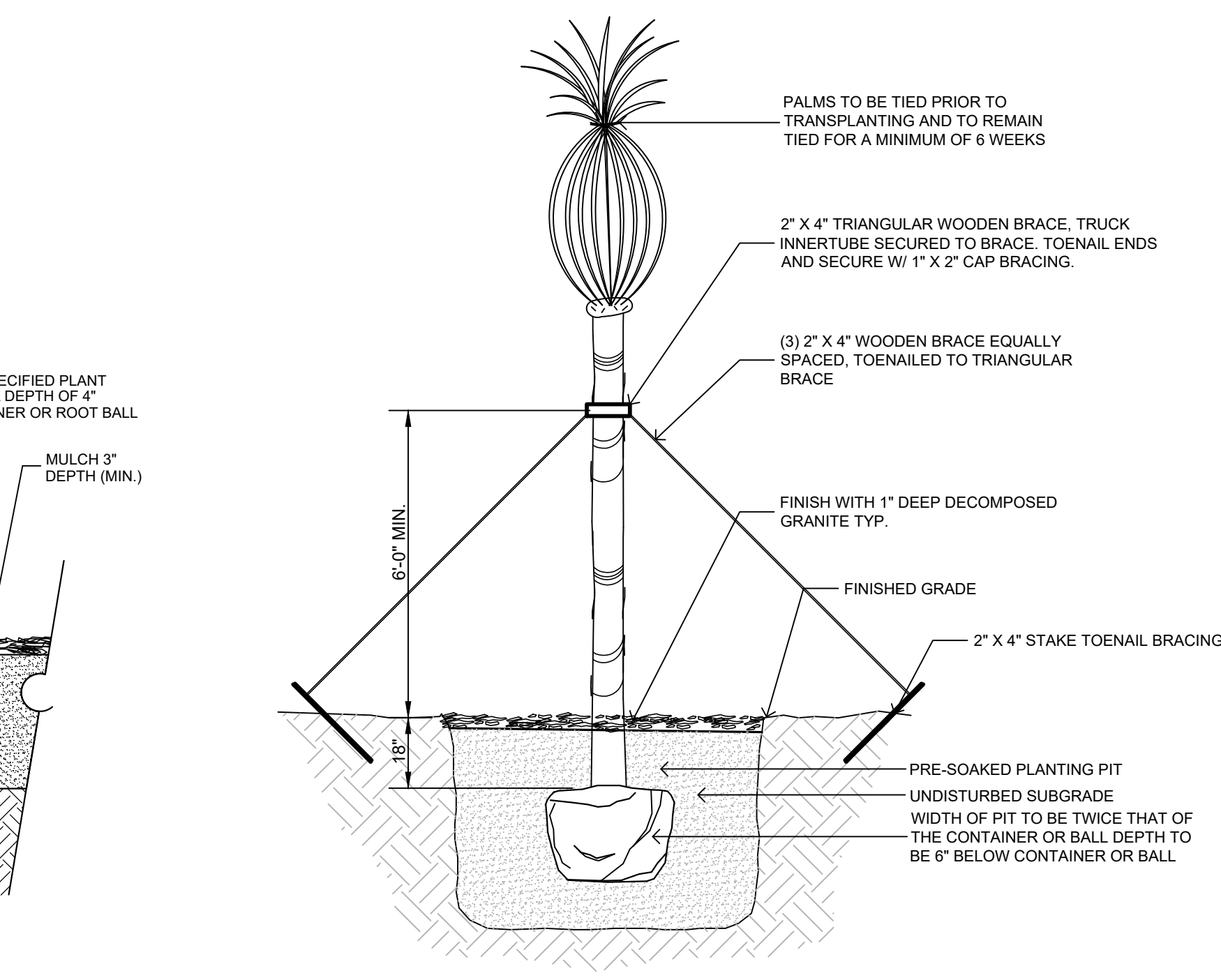
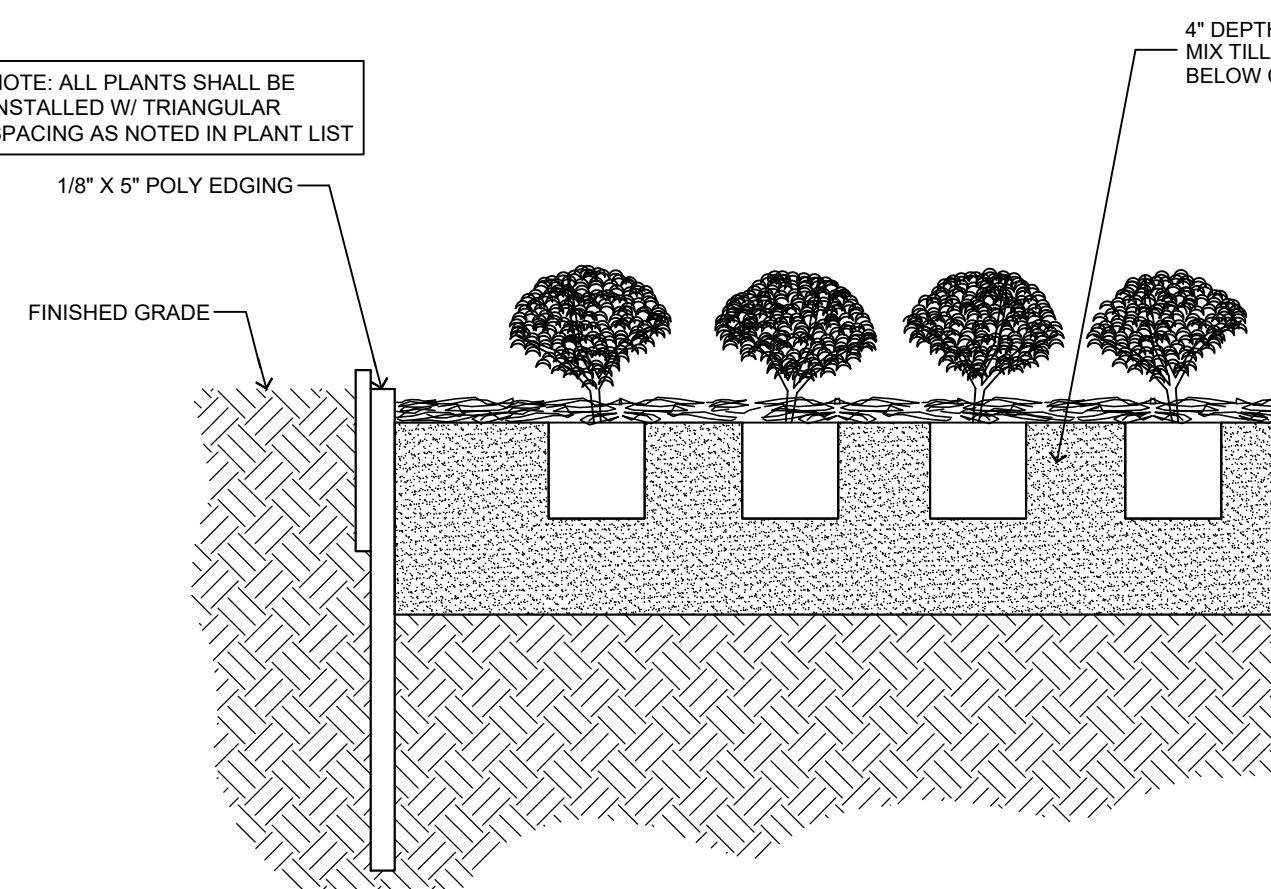
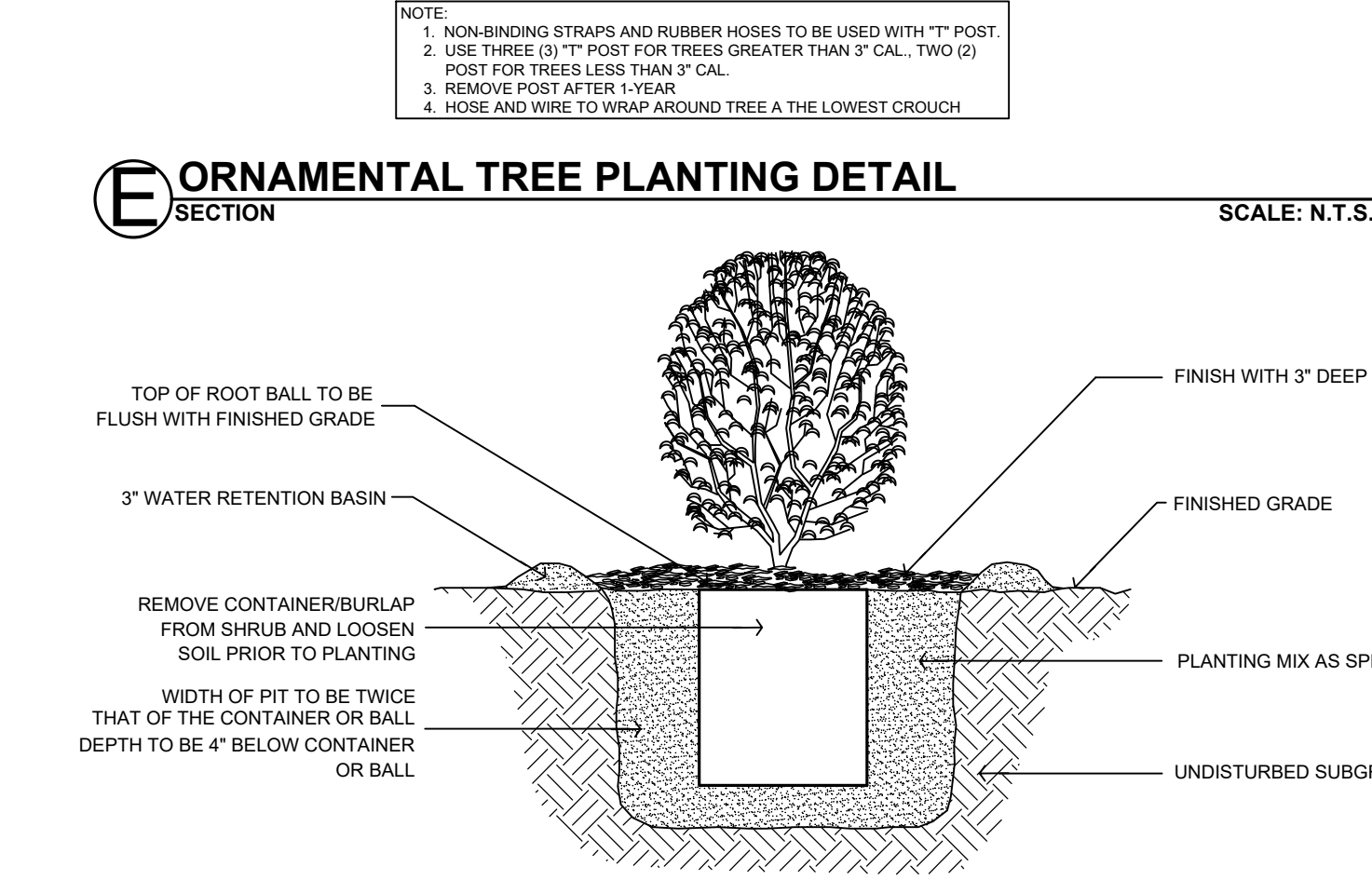
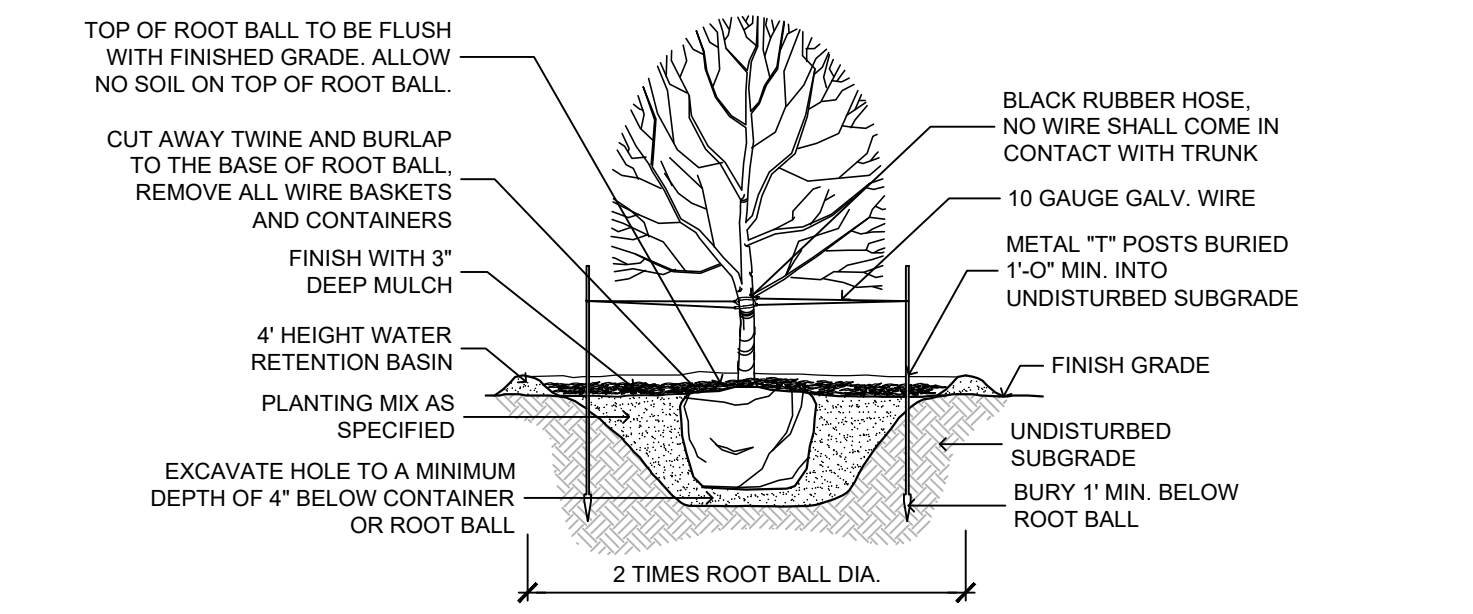
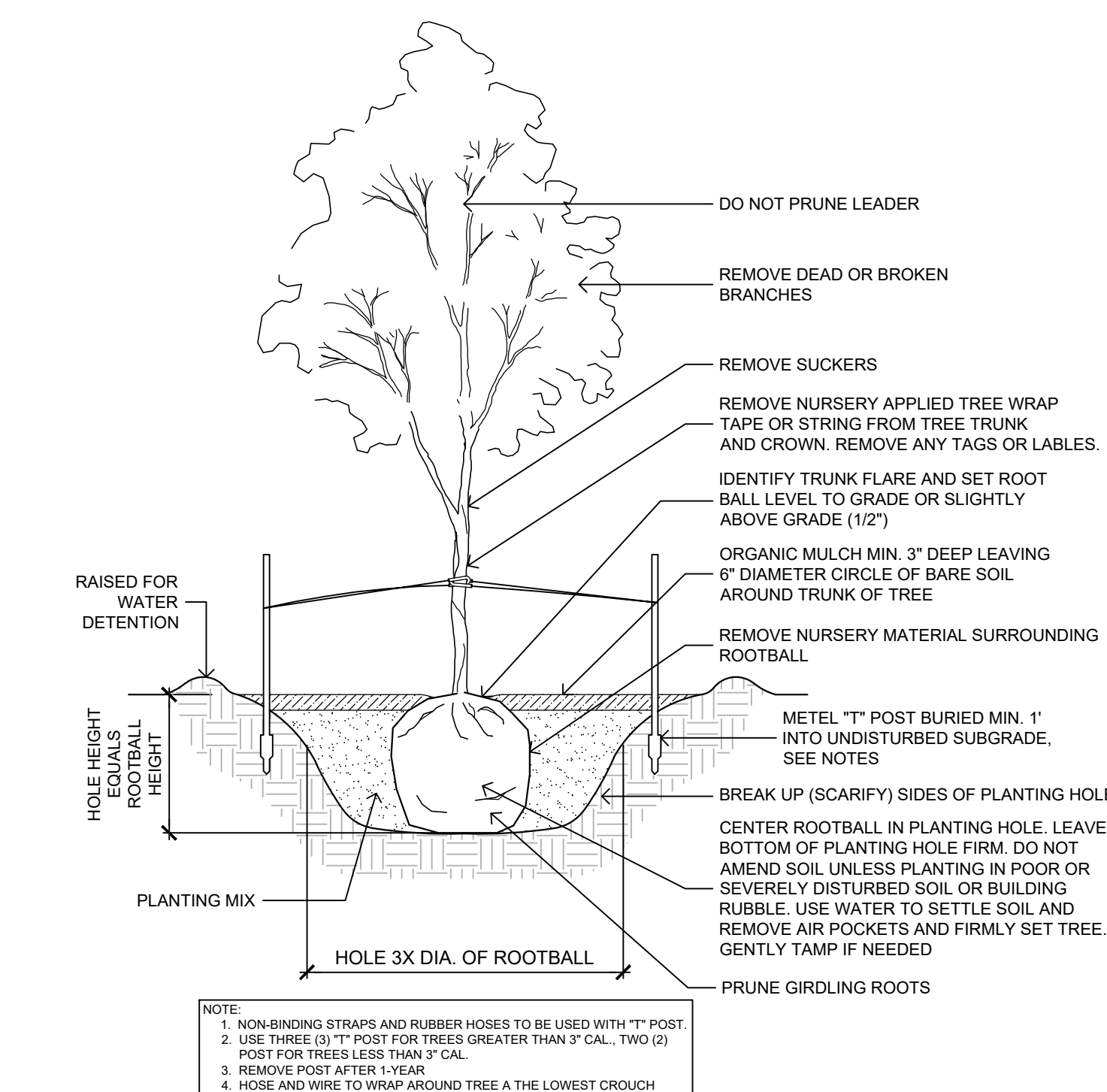
TREE INVENTORY: FLOOD PLAIN					
Tag #	Species	Significant Tree		Significant Tree**	
		Removed	Preserved	Removed	Preserved
119	HACKBERRY		9		
120	HACKBERRY		7		
121	HACKBERRY		8		
121A	HACKBERRY		5.3		
122	HACKBERRY		8		
123	HACKBERRY		8		
123A	HACKBERRY		5.5		
124	HACKBERRY		14		
Sub. Tot. Inches=		0	64.8	0	0
			64.8		0
Total inches by category=					
Preservation percentage=		Significant Preservation		100%	
Mitigation required (Commercial) =		Commercial (inches)		-38.88	
Mitigation required (Residential) =		Residential (inches)		-42.12	

TREE INVENTORY: ESA					
Tag #	Species	Significant Tree		Significant Tree**	
		Removed	Preserved	Removed	Preserved
118	PECAN	14			
Sub. Tot. Inches=		14	0	0	0
			14		0
Total inches by category=					
Preservation percentage=		Significant Preservation		0%	
Mitigation required (Commercial) =		Commercial (inches)		14	
Mitigation required (Residential) =		Residential (inches)		4.9	

OVERALL TREE CANOPY COVER		
FINAL TREE CANOPY COVER	Required	Provided
Total gross project area:	N/A	31,380 s.f.
Total shade area required: 31,380 x 15% = 4,707 sf	4,707 s.f. (15%)	13,432 s.f. (43%)
Shade value of Proposed Trees: 13,432 sf (4) Mex. Sycamore x 1,200 sf x 90% = 4,320 sf (5) Shumard Oak x 1,200 sf x 90% = 5,400 sf (7) Texas Redbud x 275 sf x 90% = 1,732 sf (8) Yaupon Holly x 275 sf x 90% = 1,980 sf		

MITIGATION SUMMARY: FLOODPLAIN		
LARGE SIGNIFICANT TREE SUMMARY	Required	Provided
64.8" Total Large Significant 64.8" x 80% = 51.8" (required preservation) 64.8" - 0" (total removed) = 64.8" remaining 100% tree preservation 0" mitigation	0"	0"
TOTAL MITIGATION SUMMARY N/A	N/A	0"
INCHES TO BE MITIGATED BY PAYMENT 0" x \$200/inch = \$0	0"	0"

MITIGATION SUMMARY: ESA		
LARGE SIGNIFICANT TREE SUMMARY	Required	Provided
14" Total Large Significant 14" x 80% = 11.2" (required preservation) 11.2" (required preservation) - 14" (total removed) = 0" remaining = 0% tree preservation 14" Mitigation OWED	11.2"	0"
TOTAL MITIGATION SUMMARY - (4) Mexican Sycamore @ 1.5" = 6" - (5) Red Oak @ 1.5" = 7.5" - (7) Texas Redbud @ 0.5" = 3.5" - (8) Tree Yaupon @ 0.5" = 4"	14"	21"
INCHES TO BE MITIGATED BY PAYMENT 0" x \$200/inch = \$0	0"	0"



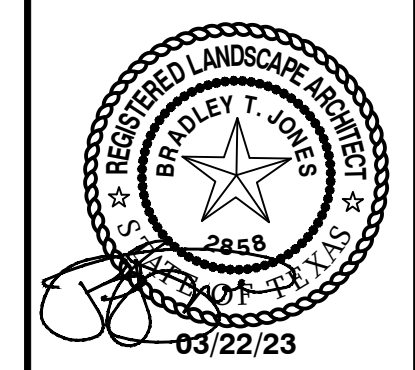
A TREE PLANTING DETAIL SECTION SCALE: N.T.S.

B SHRUB PLANTING DETAIL SECTION SCALE: N.T.S.

C SHRUB PLANTING DETAIL SECTION SCALE: N.T.S.

D SHRUB PLANTING DETAIL SECTION SCALE: N.T.S.

REVISIONS	Description
Date	



**PTERRYS BURGER STAND: BROADWAY ST
SAN ANTONIO, TEXAS**

SOFTSCAPE NOTES & DETAILS

DATE: 03-22-23
SCALE: AS SHOWN

