



## **City of Abilene**

### **Parks and Recreation Board Agenda**

**Notice is hereby given of a meeting of the Parks and Recreation Board of City of Abilene to be held on February 17, 2026, at 8:30 a.m., at City Hall, 555 Walnut Street, Council Chambers, Abilene, Texas, for the purpose of considering the following agenda items.**

#### **CALL TO ORDER**

#### **INVOCATION**

#### **PUBLIC COMMENTS**

Public Comments on Any Item on the Agenda

#### **MINUTES**

1. Minutes (Discussion and Action)

#### **AGENDA ITEMS**

2. The Bill and Lila Senter Memorial Arboretum and Picnic Area (Discussion, Public Hearing and Possible Action)
3. League Management Workshop (Discussion, Public Hearing and Possible Action)
4. Upcoming Parks and Recreation Board Meetings (Discussion)
  - March - Infrastructure
  - April - Possible Date Change
5. Parks Report (Discussion)
  - Sears Park Pavilion
  - TRAPS Rodeo
6. Recreation (Discussion)
  - Daddy Daughter Dance
7. Seniors Report (Discussion)
  - International Polar Bear Day

8. Zoo Report (Discussion)

- Christmas Celebration - Update
- Animal News
- Wild Days

**ADJOURNMENT**

***Notice***

*In compliance with the Americans with Disabilities Act, the City of Abilene will provide for reasonable accommodations for persons attending meetings. To better serve you, requests should be received forty-eight (48) hours prior to scheduled meetings. Please contact the City Secretary's Office at 325-676-6208. Telecommunication device for the deaf is 325-676-6360.*

**CERTIFICATION**

*I hereby certify the above meeting notice was posted on the bulletin board at the City Hall of the City of Abilene, Texas, on the 11th day of February, 2026, at 3:35 p.m.*

---

*Kaitlin Richardson, Deputy City  
Secretary, TRMC*

February 11, 2026

Adam Nunn  
West Texas Science Center  
3478 Catclaw Dr. #102  
Abilene, TX 79606

Dear Adam,

I am writing on behalf of the Senter Family and responding to the request to honor Bill Senter with the Bill Senter Memorial Arboretum and Picnic Area at Kirby Lake.

The Senter Family requests the name to read the "Bill and Lila Senter Memorial Arboretum and Picnic Area."

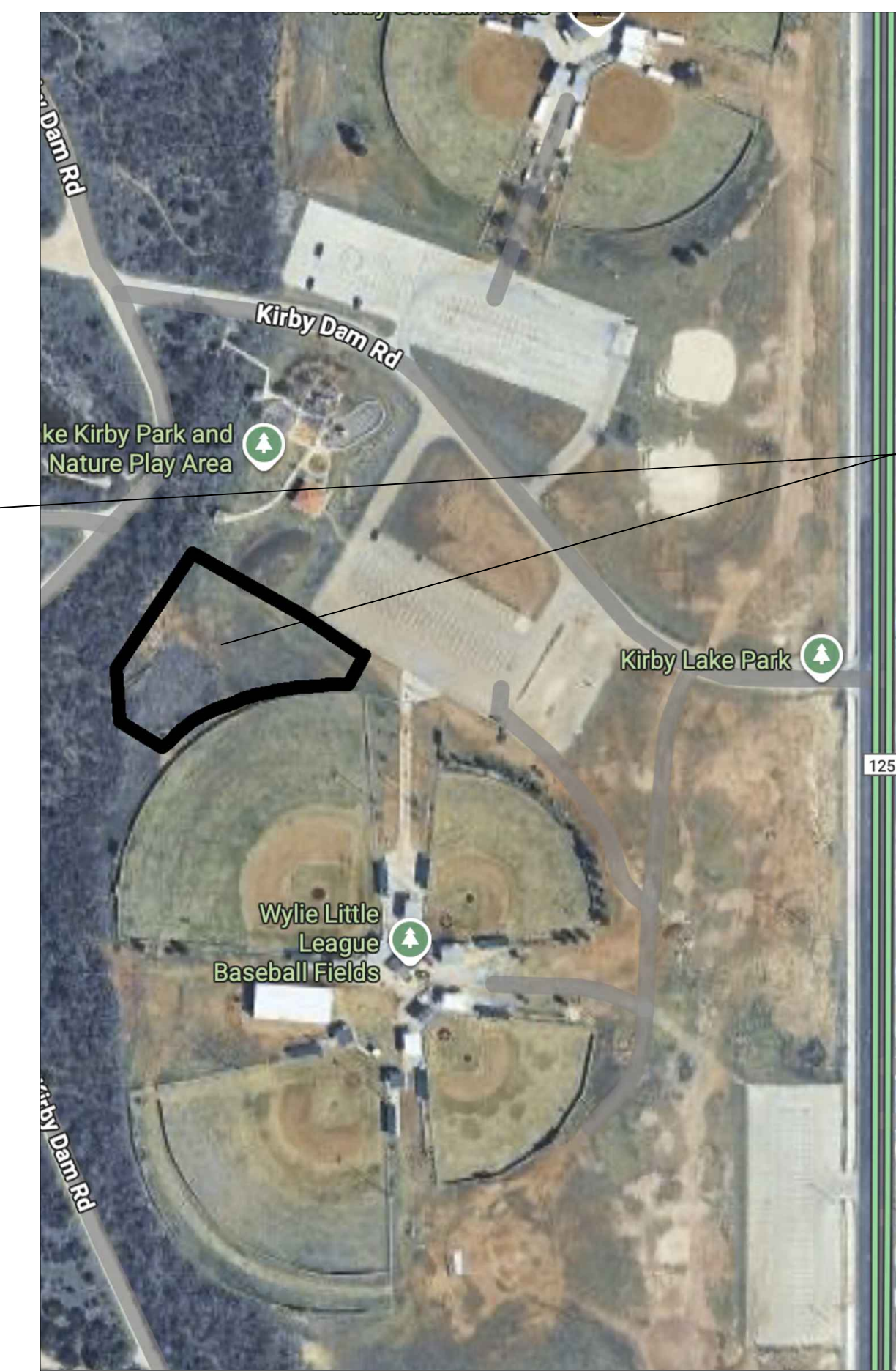
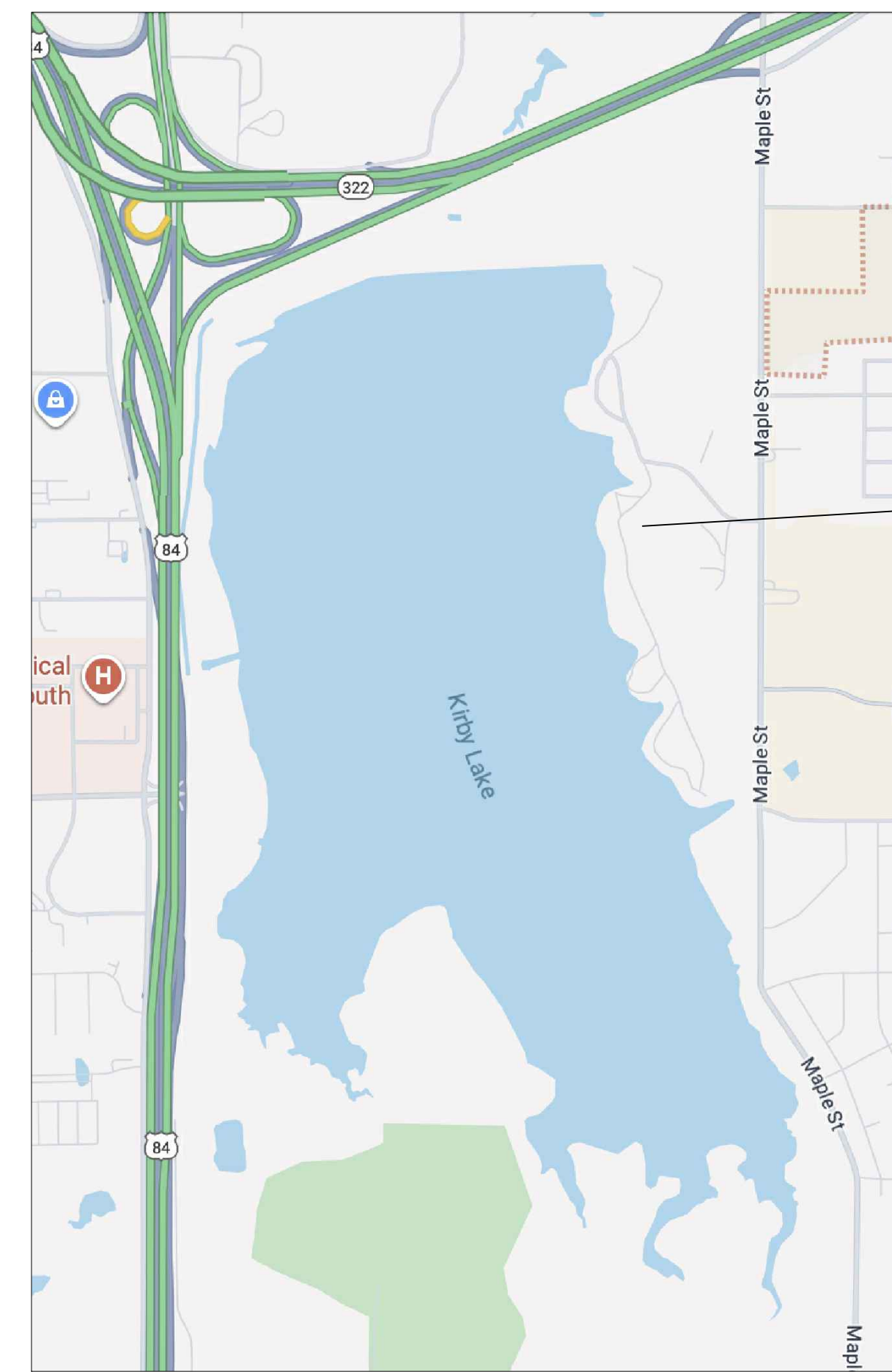
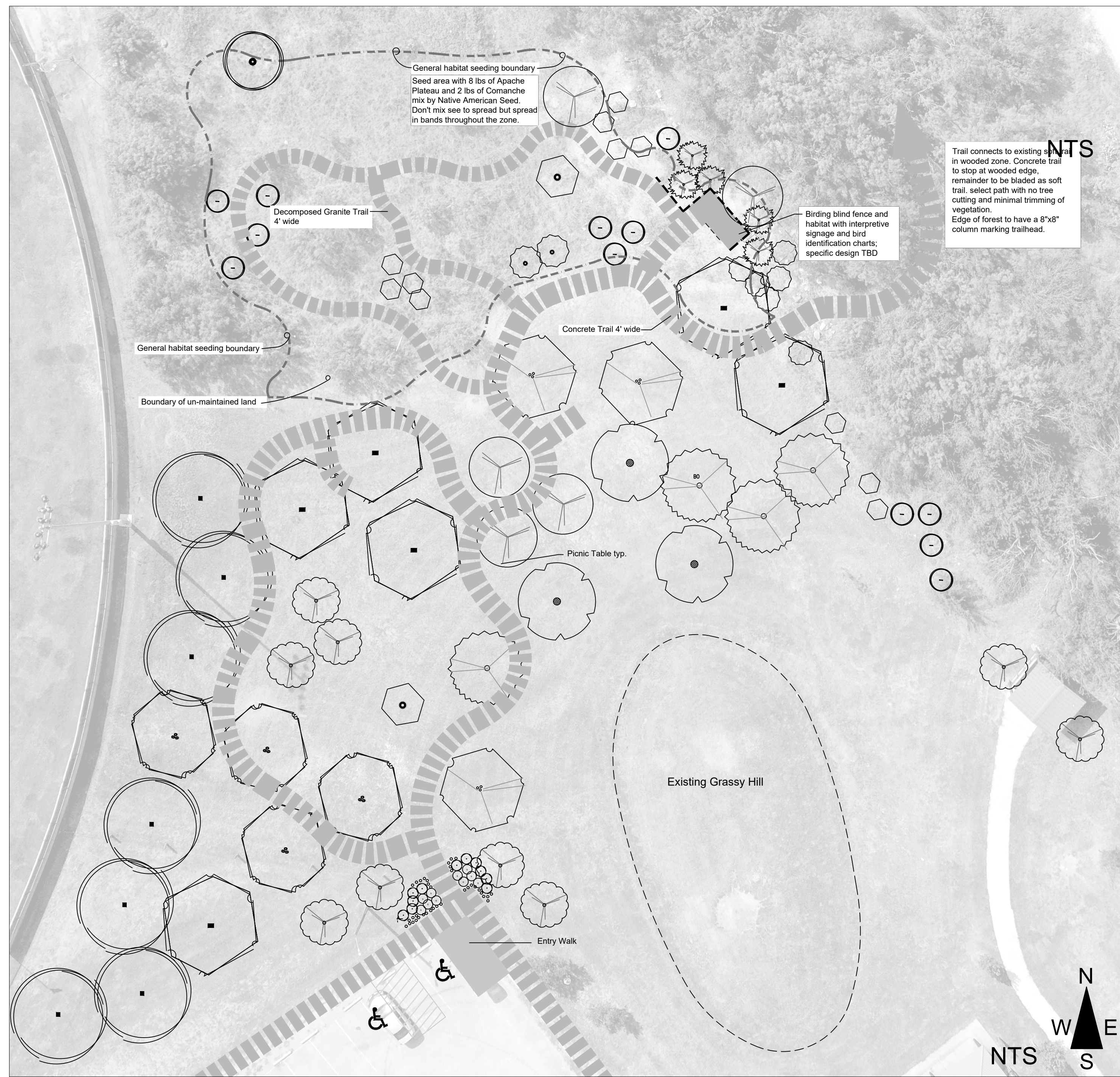
We appreciate you honoring our family in this way. You have full permission to move forward on this project with the name reading the "Bill and Lila Senter Memorial Arboretum and Picnic Area."

Sincerely,

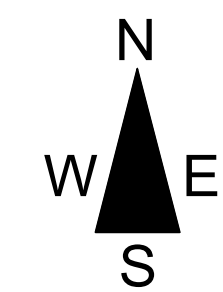
A handwritten signature in blue ink, appearing to read "Steve Senter", with a long, sweeping flourish extending upwards and to the right.

Steve Senter

Senter Family Foundation



SITE



# Bill and Lila Senter Memorial Arboretum and Picnic Area

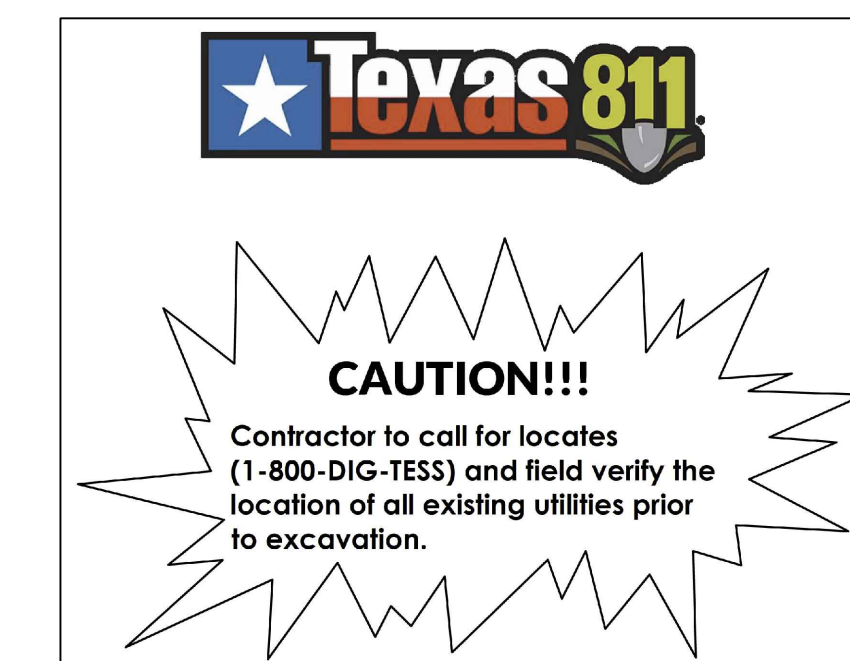
Lake Kirby Park, Abilene, Texas

## Sheet Set

- Cover Cover
- L-1 Landscape Plan
- L-2 Landscape Plan Layout Details
- L-3 Construction Details and Soil Analysis
- L-4 Construction Details
- L-5 Specifications

### General Notes:

- Contractor to read thoroughly and sign at the bottom of each sheet that they understand the drawings and specifications and will abide by what is there.
- The intention is to treat this as an organic, non-chemical space as referenced in the specifications. no herbicides or pesticides
- The existing lawn is not to be fertilized or watered. All trees are to be on drip irrigation and soil/fertilizer spec is specifically for the tree locations.
- Direct all questions discrepancies, concerns to Vista Planning & Design; Mitch Wright, (512) 673-8274
- Plants are not to be substituted. If a plant can't be found, then contact Vista; Contractor to verify plant supplies at bidding to confirm availability
- Artistic applications to the cedar trail head posts are a separate contract with the artist. Contractor responsibility is to deliver to artist, and return to the site and install.
- For the purposes of laying out the trees and path, Vista provided a grid, but if the contractor has other methods, then contact Vista to discuss. Vista is willing to also provide distance and bearing tags on trees if that method is preferred.
- The trail in the pollinator zone will be centerline flagged by Vista, 6' sidewalk to use grid method. staking of centerline first to be approved on-site by Vista once in place.
- Sidewalk and handicap space and ramp features are not part of this scope



Authorized signature \_\_\_\_\_ Date \_\_\_\_\_  
Landscape contractor to sign acknowledging they have read and understand all plans, details and specifications and will abide by them

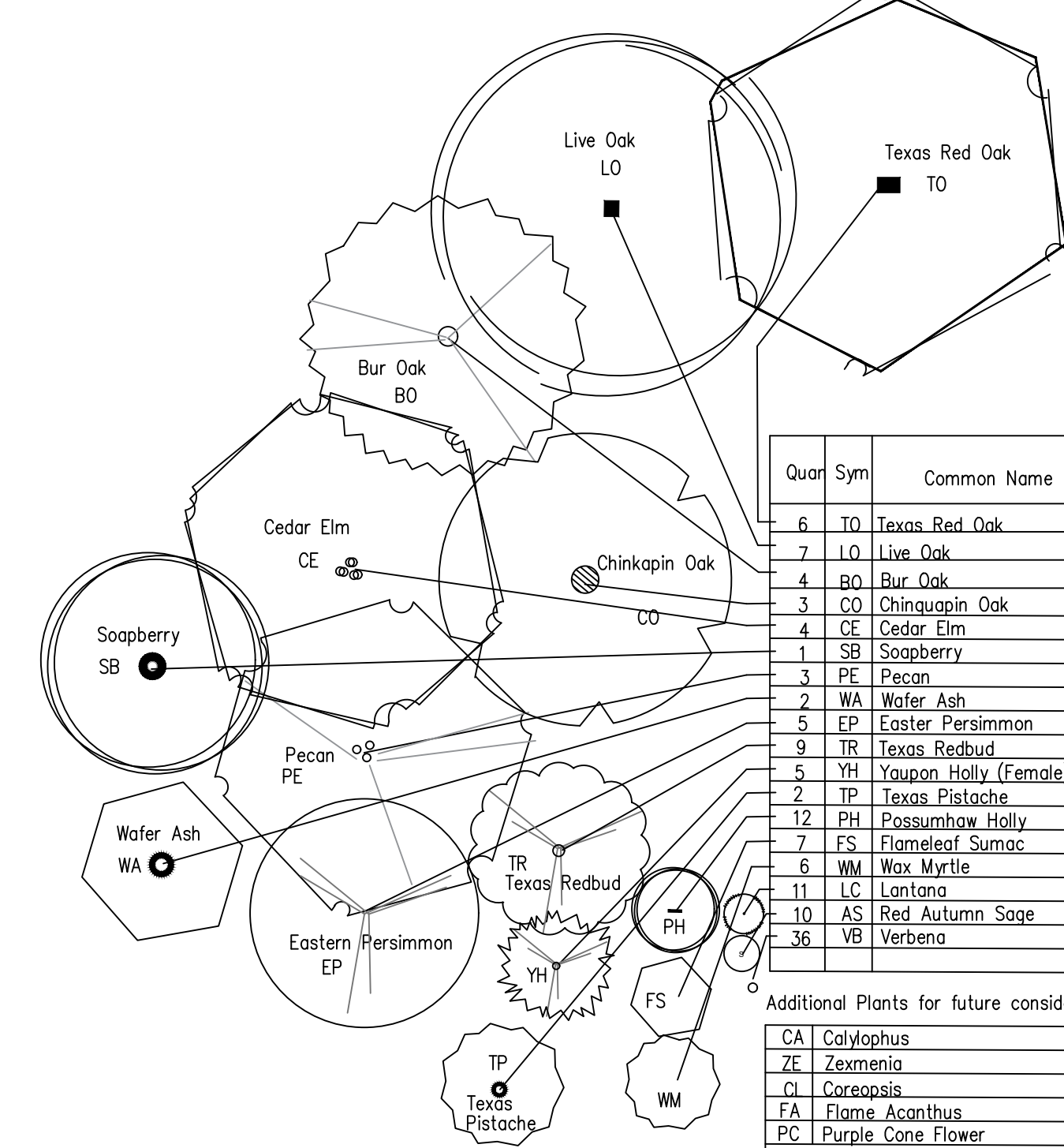
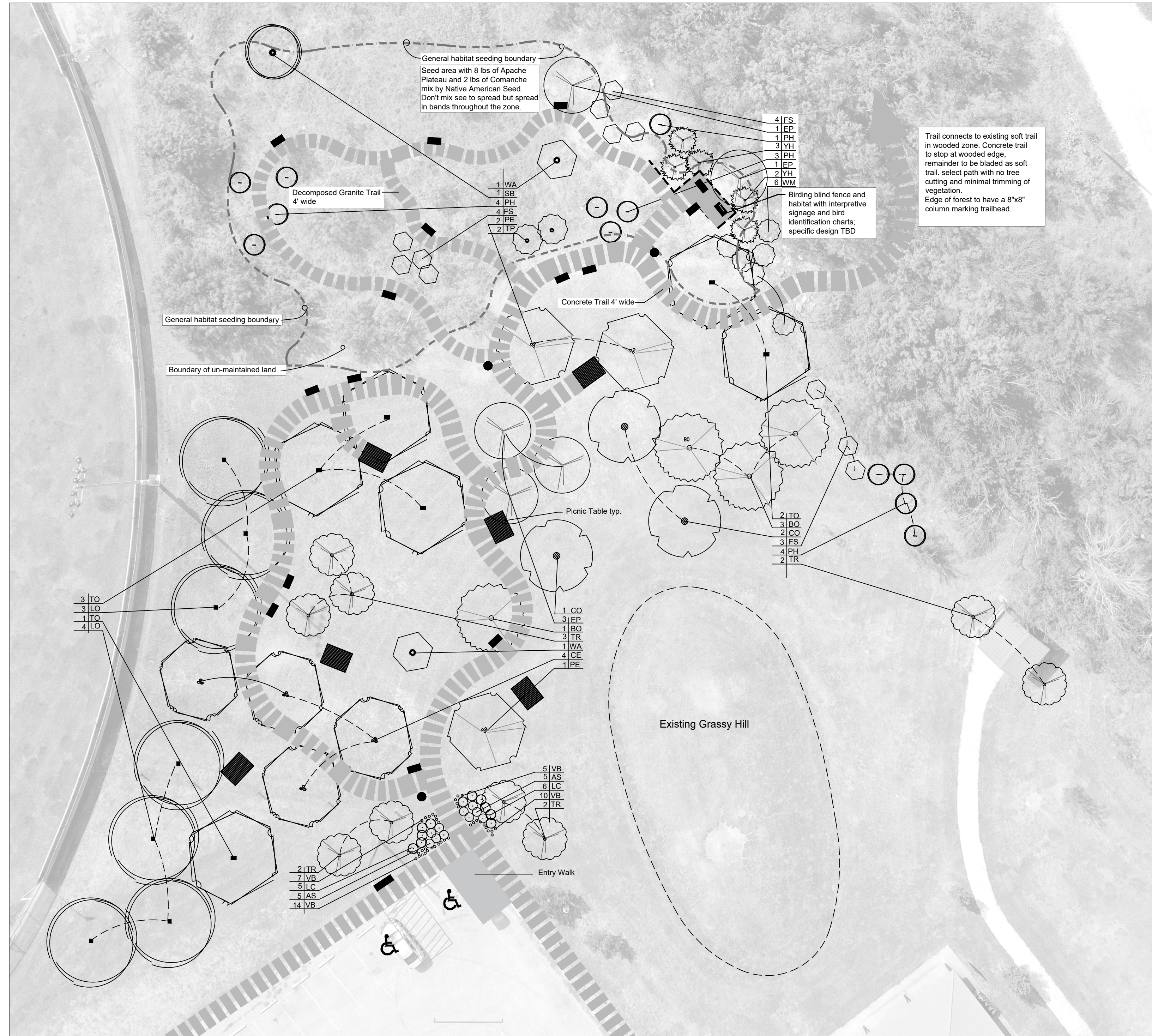
vista  
Planning  
&  
Design

Vista Planning & Design  
Landscape Architecture  
Site Planning  
Master Planning  
E. Mitchell Wright ASLA, AICP, LEED AP  
19 Sugar Shack Dr.  
West Lake Hills, Texas 78746  
(512) 673-8274  
mitch@vistaplanningdesign.com

Bill and Lila Senter Memorial  
Arboretum and Picnic Area  
Kirby Lake Park, Abilene, Texas



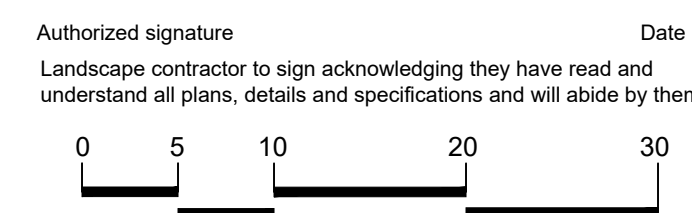
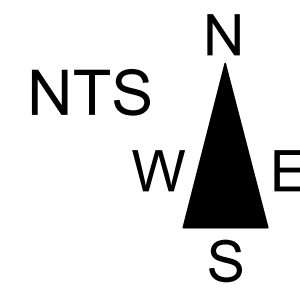
Cover  
sheet number



Quan	Sym	Common Name	Botanic Name	Form	Size, HT, Sprd, Bucket	Spacing
6	TO	Texas Red Oak	<i>Quercus buckleyi</i>	Single Trunk	3" Cal	As shown
7	LO	Live Oak	<i>Quercus virginiana</i>	Single Trunk	3" Cal	As shown
4	BO	Bur Oak	<i>Quercus macrocarpa</i>	Single Trunk	3" Cal	As shown
3	CO	Chinkapin Oak	<i>Quercus muhlenbergii</i>	Single Trunk	3" Cal	As shown
4	CE	Cedar Elm	<i>Ulmus crassifolia</i>	Single Trunk	3" Cal	As shown
1	SB	Soapberry	<i>Sapindus saponaria</i>	Single Trunk	2" Cal	As shown
3	PE	Pecan	<i>Carya illinoensis</i>	Single Trunk	3" Cal	As shown
2	WA	Water Ash	<i>Ptelea trifoliata</i>	Single Trunk	30 Gal	As shown
5	EP	Eastern Persimmon	<i>Diospyros virginiana</i>	Single Trunk	1.5" Cal	As shown
9	TR	Texas Redbud	<i>Cercis canadensis var. texensis</i>	Multi-Trunk	1.5" Cal	As shown
5	YH	Yaupon Holly (Female)	<i>Ilex vomitoria</i>	Multi-Trunk	30 Gal	As shown
2	TP	Texas Pistache	<i>Pistache texana</i>	Single Trunk	30 Gal	As shown
12	PH	Possumhaw Holly	<i>Ilex decidua</i>	Single Trunk	30 Gal	As shown
7	FS	Flameleaf Sumac	<i>Rhus lanceolata</i>	Single Trunk	30 Gal	As shown
6	WM	Wax Myrtle	<i>Morella cerifera</i>	Multi-Trunk	30 Gal	As shown
11	LC	Lantana	<i>Lantana horrida</i>	Single Trunk	2' x 5'	5 gal
10	AS	Red Autumn Sage	<i>Salvia Greggii</i>	Single Trunk	2' x 3'	1 gal
38	VB	Verbena	<i>Verbena bipinnatifida</i>	Single Trunk	18" x 18"	4" liners

Code	Common Name	Botanic Name	Size	Spacing
CA	Calyophus	<i>Calyophus berlandieri</i>	1-2' x 1-2'	4" liners
ZE	Zexmenia	<i>Wedelia texana</i>	2' x 3'	1 gal
DI	Coreopsis	<i>Coreopsis lanceolata</i>	1-2' x 2-4'	4" liners
FA	Flame Aconthus	<i>Anisogonanthus quadrifidus var. wrightii</i>	4" x 4"	2' x 2' 3 gal
PC	Purple Cone Flower	<i>Echinacea purpurea</i>	1-3' x 3'	1 gal
AT	Butterfly Weed	<i>Asclepias</i>	1-3' x 3'	1 gal

- Notes
- If location is near path, then trim for safety and security.
  - Habitat seeding area to receive 8 lbs of Apache Plateau and 2 lbs of Comanche Mix by Native American Seed. Don't mix seed to spread but spread in bands throughout the zone.
  - All irrigation on the project to be by drip. The pollinator section may not have irrigation unless directed by a master naturalist with expertise in prairie restoration. Areas in the pollinator section are to have master naturalist on site for consultation prior to seeding. Additional recommendations for successful seeding may be offered. During this consultation, invasive species may be identified and removed prior to seed application.



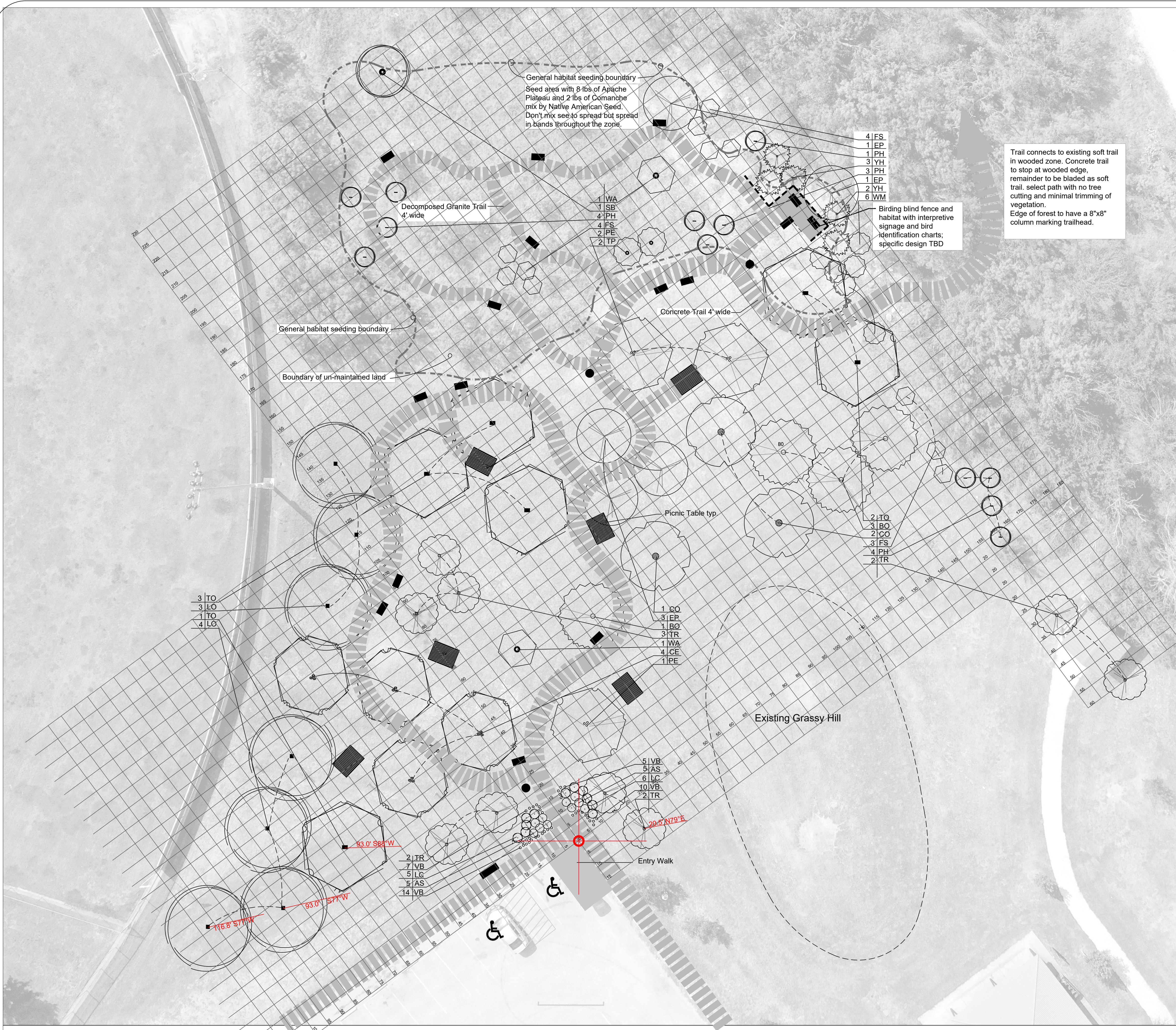
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Planning  
&  
Design

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Site Planning  
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19 Sugar Shack Dr.  
West Lake Hills, Texas 78746  
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Bill and Lila Senter Memorial  
Arboretum and Picnic Area  
Kirby Lake Park, Abilene, Texas



L1  
sheet number



This plan is not to scale and is to be used as a reference for the location of general elements, plants, walk locations, etc.

The grid is to aide in the location of trees and pathway. If an alternate location methodology is preferred then Vista can provide bearing and distance tags on each tree. Discuss with Vista the preferred method.

Examples of bearing and distance tags can be seen at the south most trees near 0,0 the center point of location.



Vista Planning & Design  
Landscape Architecture  
Site Planning  
Master Planning  
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Bill and Lila Senter Memorial  
Arboretum and Picnic Area  
Kirby Lake Park, Abilene, Texas

**Texas 811**

**CAUTION!!!**

Contractor to call for locates (1-800-DIG-TESS) and field verify the location of all existing utilities prior to excavation.

Authorized signature \_\_\_\_\_ Date \_\_\_\_\_  
Landscape contractor to sign acknowledging they have read and understand all plans, details and specifications and will abide by them.

Landscape Plan Layout Details NTS



L2  
sheet number

**Taylor County** Area Represented: 21780 sqft  
**Laboratory Number: 678559**  
**Customer Sample ID: Kirby Lake**  
**Crop Grown: SHADE TREES**

Analysis	Results	CL*	Units	Ex.Low	V.Low	Low	Mod	High	V.High	Excess.	Nutrient Recommended
pH	8.0	(6)	-								Mod. Alkaline
Conductivity	140	(-)	umho/cm								None
Nitrate-N	3	(-)	ppm**								1.3 lbs N/1000sqft
Phosphorus	9	(50)	ppm								2.4 lbs P2O5/1000sqft
Potassium	416	(175)	ppm								0 lbs K2O/1000sqft
Calcium	6,466	(180)	ppm								0 lbs Ca/1000sqft
Magnesium	389	(50)	ppm								0 lbs Mg/1000sqft
Sulfur	42	(13)	ppm								0 lbs S/1000sqft
Sodium	27	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron	1.81	(1.30)	ppm								
Limestone Requirement											0.00 lbs/1000sqft

**Additional Note:**  
 Since soil report shows a deficiency in nitrogen in the soil, MicroLife Multi Purpose 6-2-4 will be added to the surface of landscape and tree planting area (not existing lawn except around trees) as specified in the soil nutrient chart at the rate of 10 lbs/ 1000 SF. Do not use in the pollinator garden but only in the area of the proposed trees and smaller landscape in the mowed lawn area.

**Soil Amendment Chart**

Minerals & Nutrients	Application Rate	Comments
Soft Rock Phosphate	50 lbs./1000 sf	1/2 the rate if phosphorous adequate per soil test
Sulphur	5 lbs./1000 sf	Double rate if pH is too high per soil test
MicroLife Multi Purpose 6-2-4	10 lbs./1000 sf	Top dressing after all soil, landscape prep, and installed

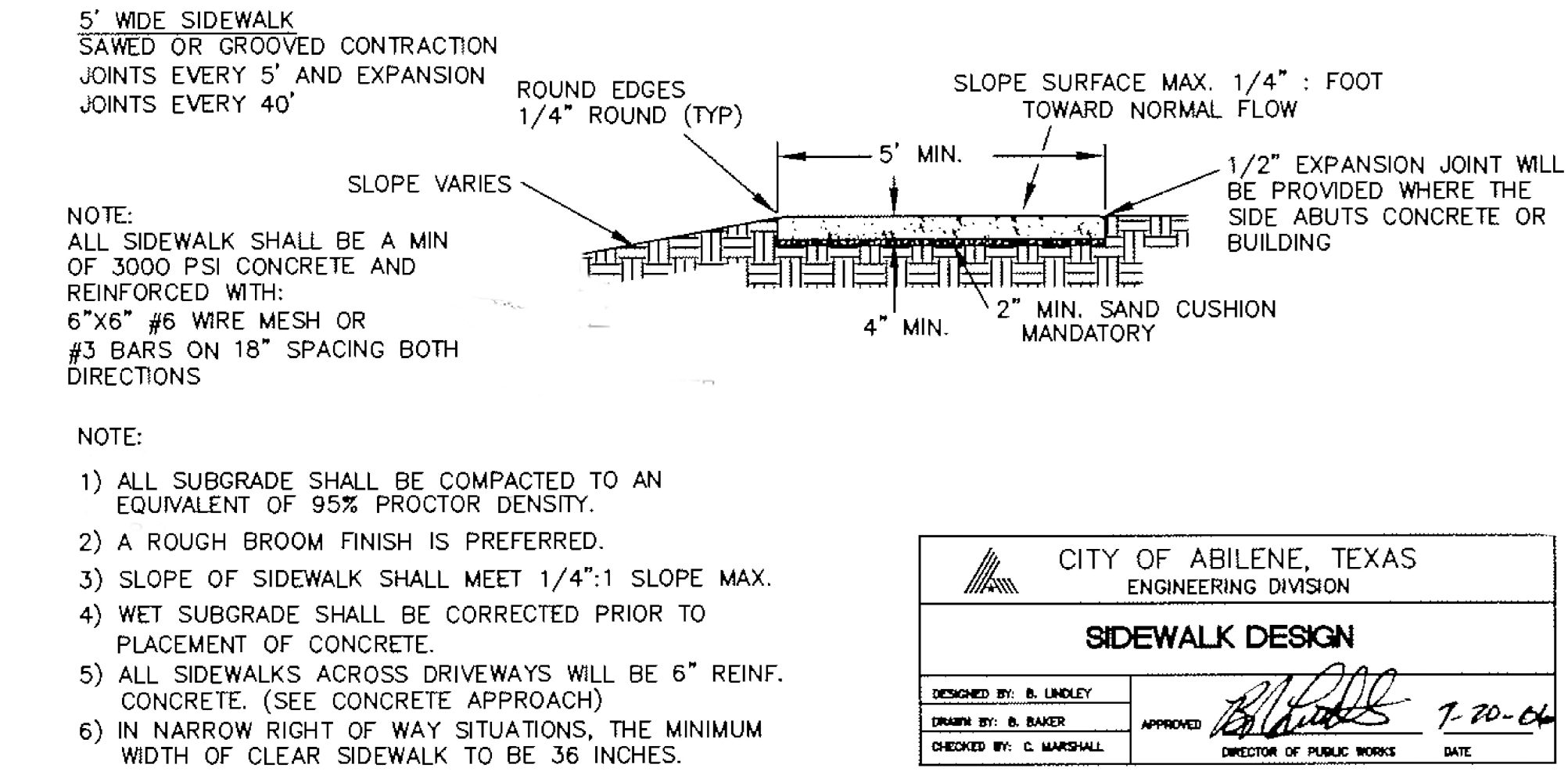
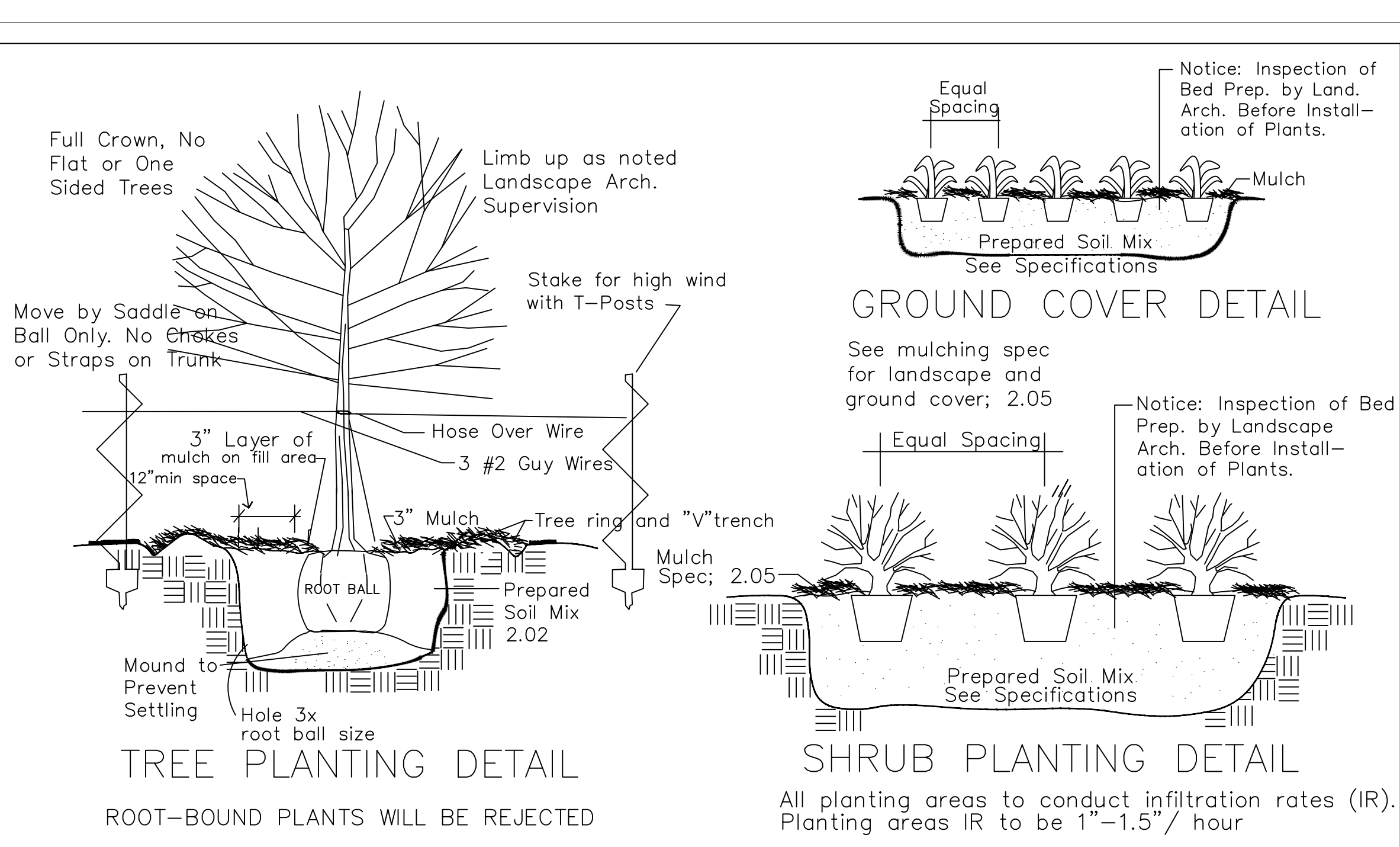
- Application:**
- Apply 1" of locally sourced organic compost free of peat moss, 1 lbs of pelletized gypsum, 1 lbs of MicroLife Multi Purpose Granular Organic Fertilizer, 1 lbs of soft rock phosphate, over a 10 diameter circle around all tree planting locations and roto-till into the top 6" of lawn area. This is to be done after the tree locations that are staked for review have been approved.
  - At tree planting, add 1/2 pound of MicroLife Multi Purpose Granular Organic Fertilizer and 1/2 lbs of soft rock phosphate to the backfill, mixed thoroughly prior to backfilling
  - Backfill to be native soil mixed with organic compost 4:1; Soil : Compost; Mixed thoroughly.

**Products Schedule**

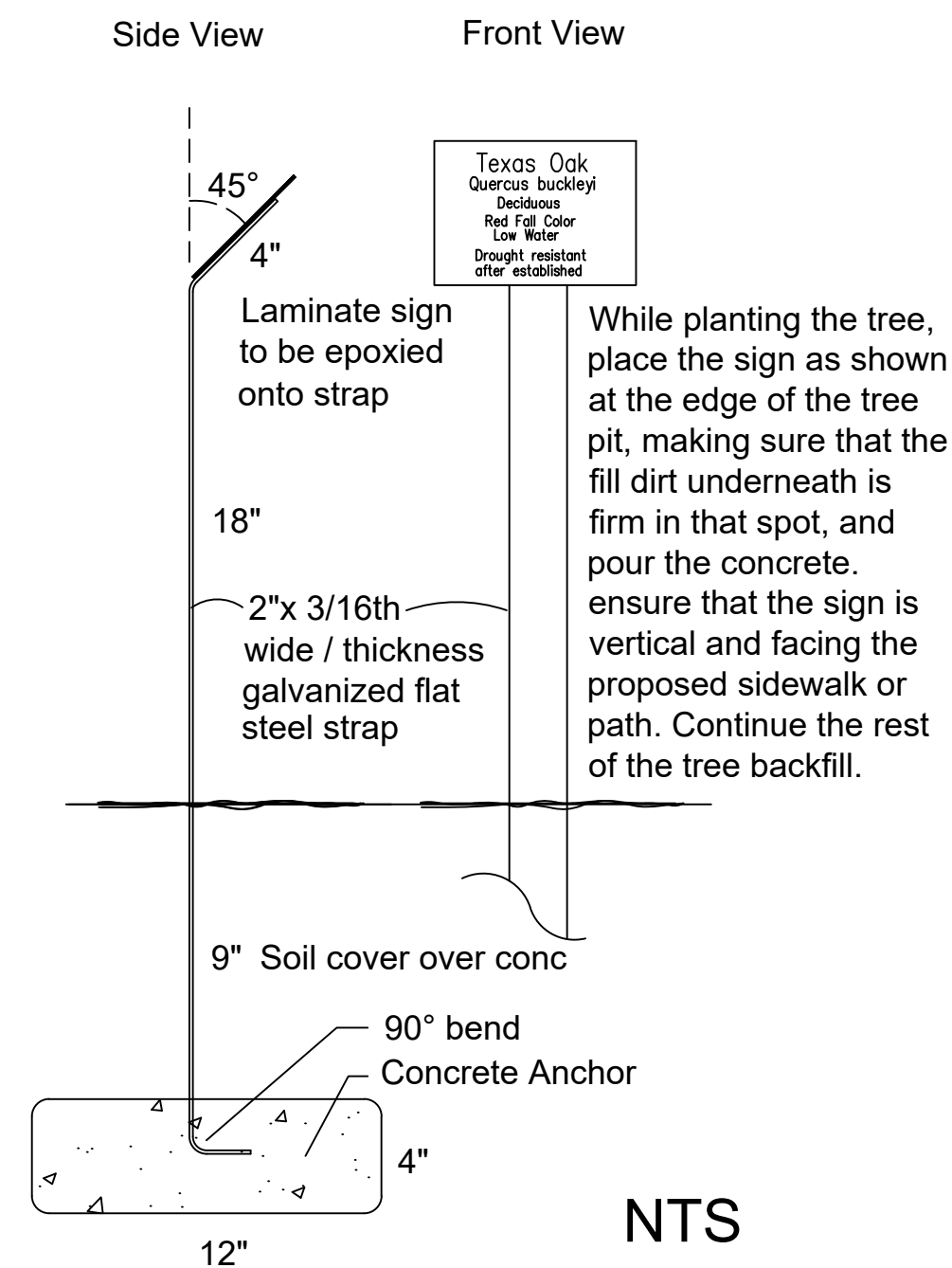
Code	Product code	Manufacturer	Quan	Furniture Description	Color
PT	Plastic Table	Landscape forms	6	Gretchen Picnic Table, No hole	Polysite Bark
B4	4' Bench (Backless)	Belson Outdoors	14	Dura Bench In Ground MT	Cedar
B4	4' Bench (Backless)	Belson Outdoors	2	Dura Bench Surface MT	Cedar
B6	6' Bench (Backless)	Belson Outdoors	1	Dura Bench In Ground MT	Cedar
T55	55 Gal Trash PB55R	Belson Outdoors	1	Recycled Plastic Trash Can	Cedar
T32	32 Gal Trash PB32R	Belson Outdoors	2	Recycled Plastic Trash Can	Cedar

Belson.com 1 (800) 323-5664  
 The Dura Bench will have 2 concrete surface mounted benches while the remaining benches will be ground mounted. Trash cans will be placed on minimal concrete pad as extension of sidewalk and mounted with "L" brackets to the pad.

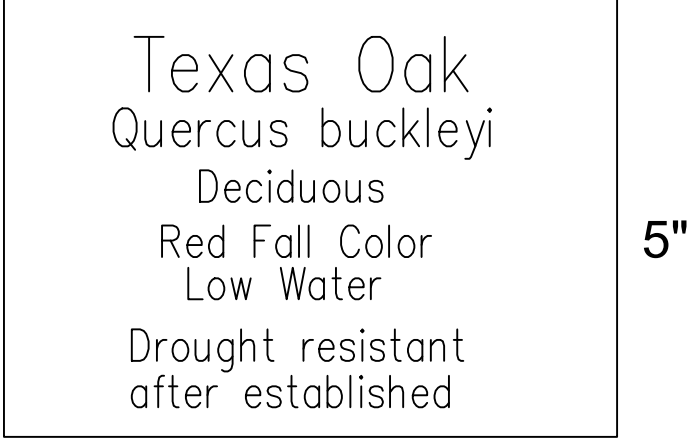
**Furniture Schedule**



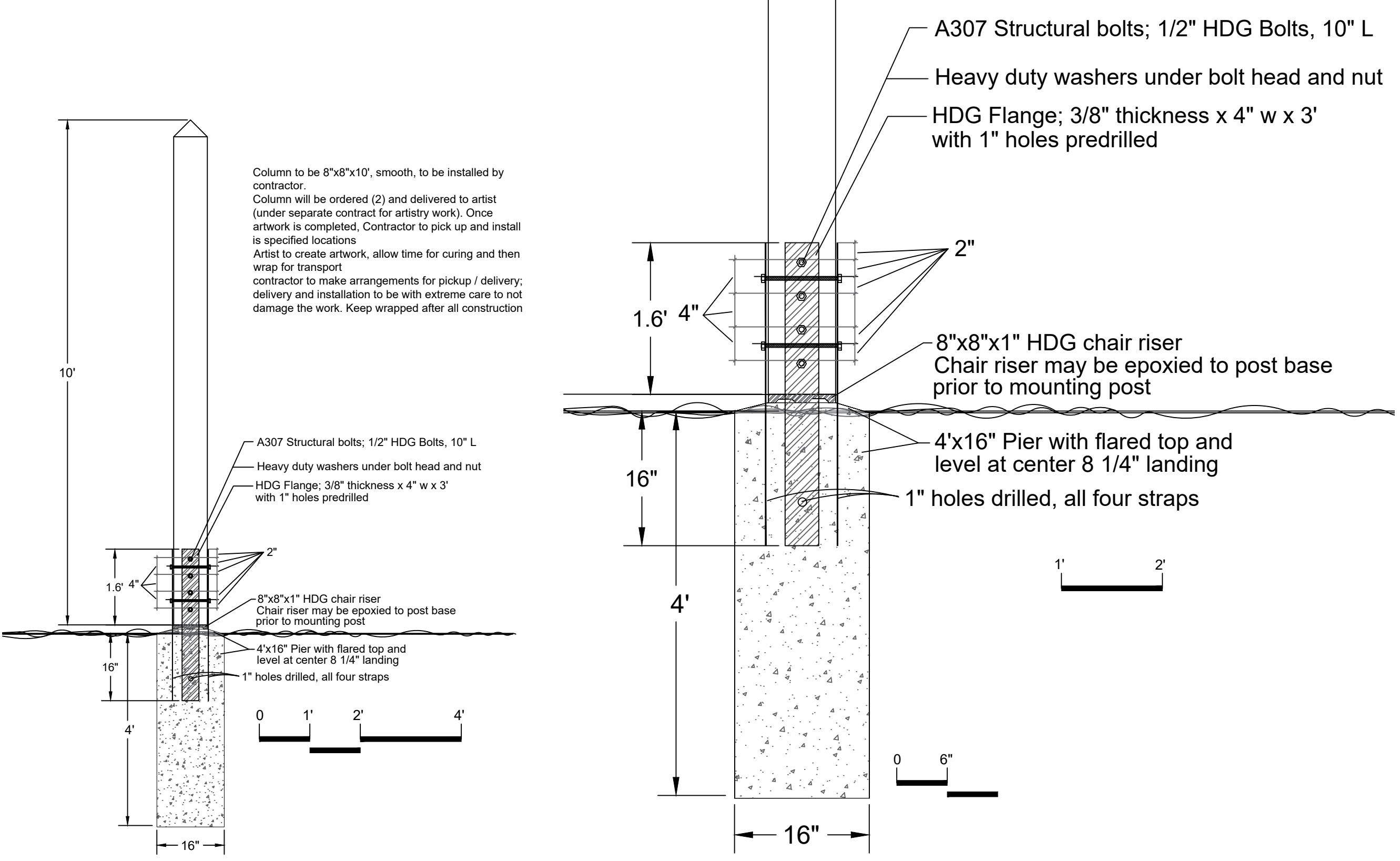
**City of Abilene Standard Sidewalk Specification**



**Plant Identification Marker**

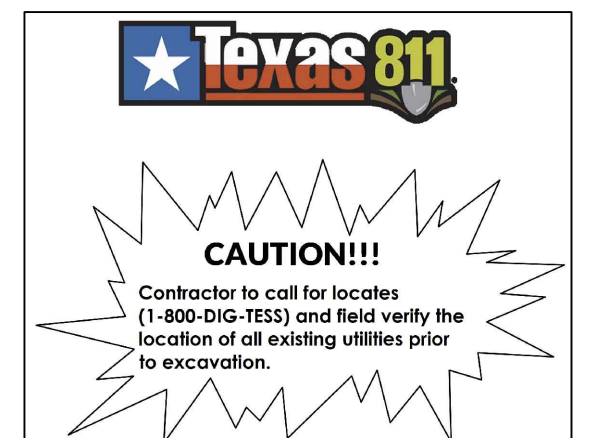


**Plant Identification Plaque**



**Trailhead Marker**

**Trailhead Marker Mount Detail**



Authorized signature \_\_\_\_\_ Date \_\_\_\_\_  
 Landscape contractor to sign acknowledging they have read and understand all plans, details and specifications and will abide by them

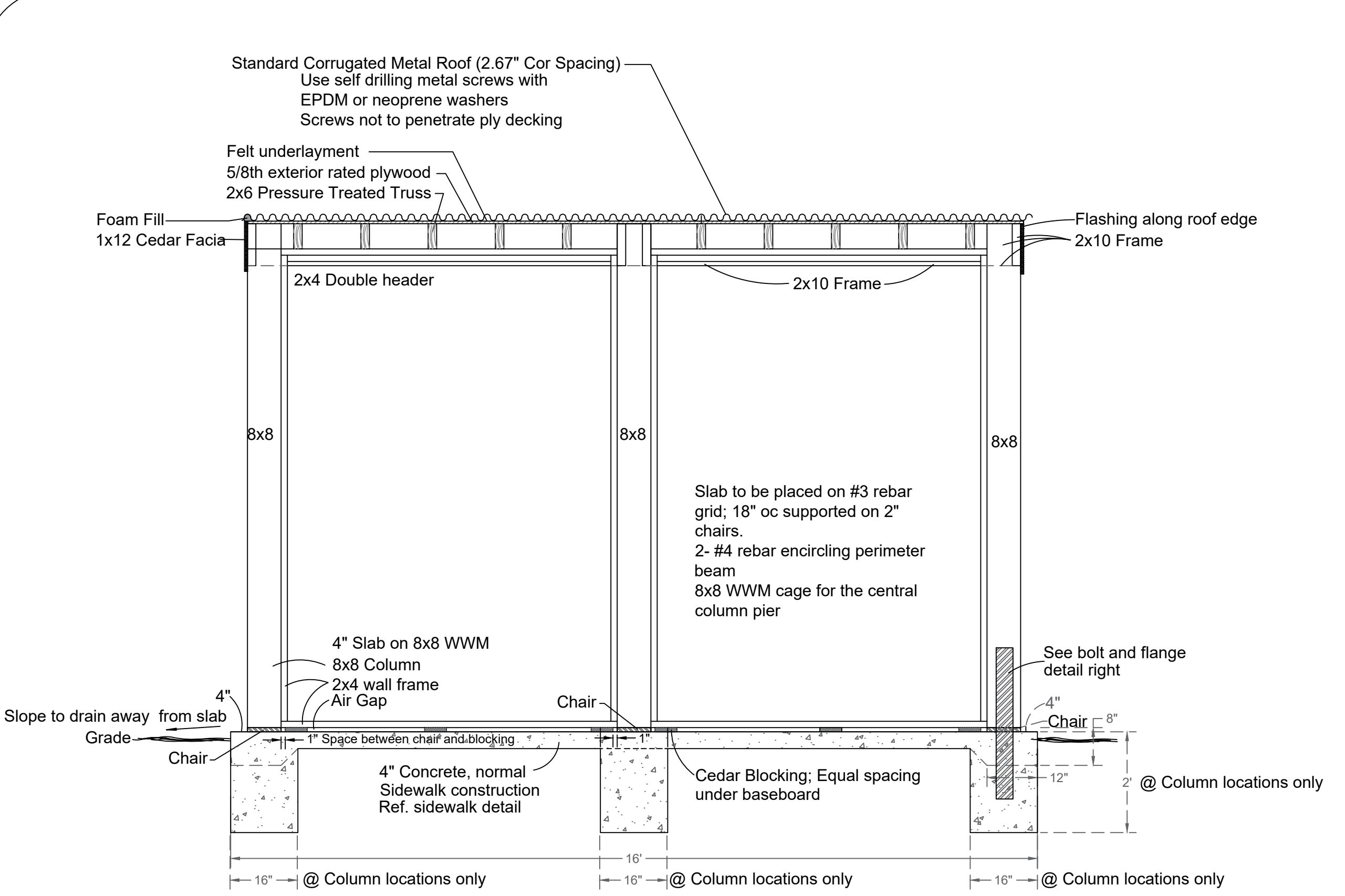
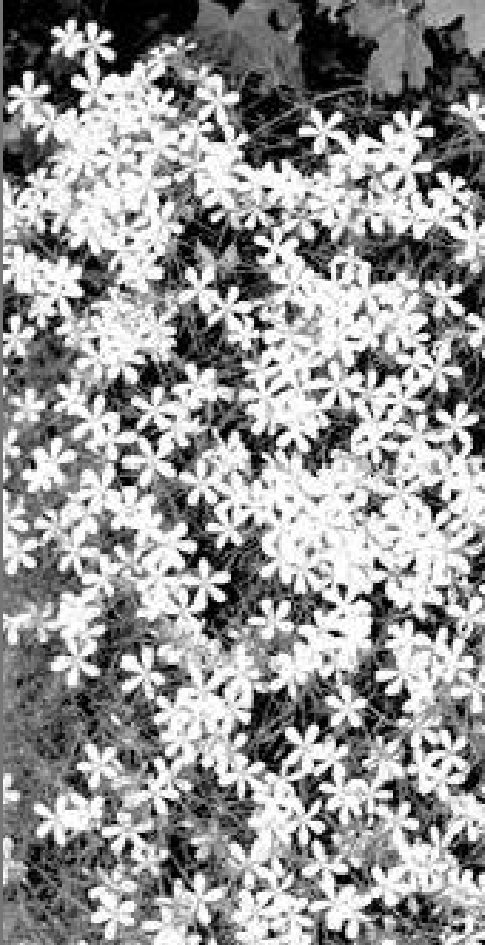


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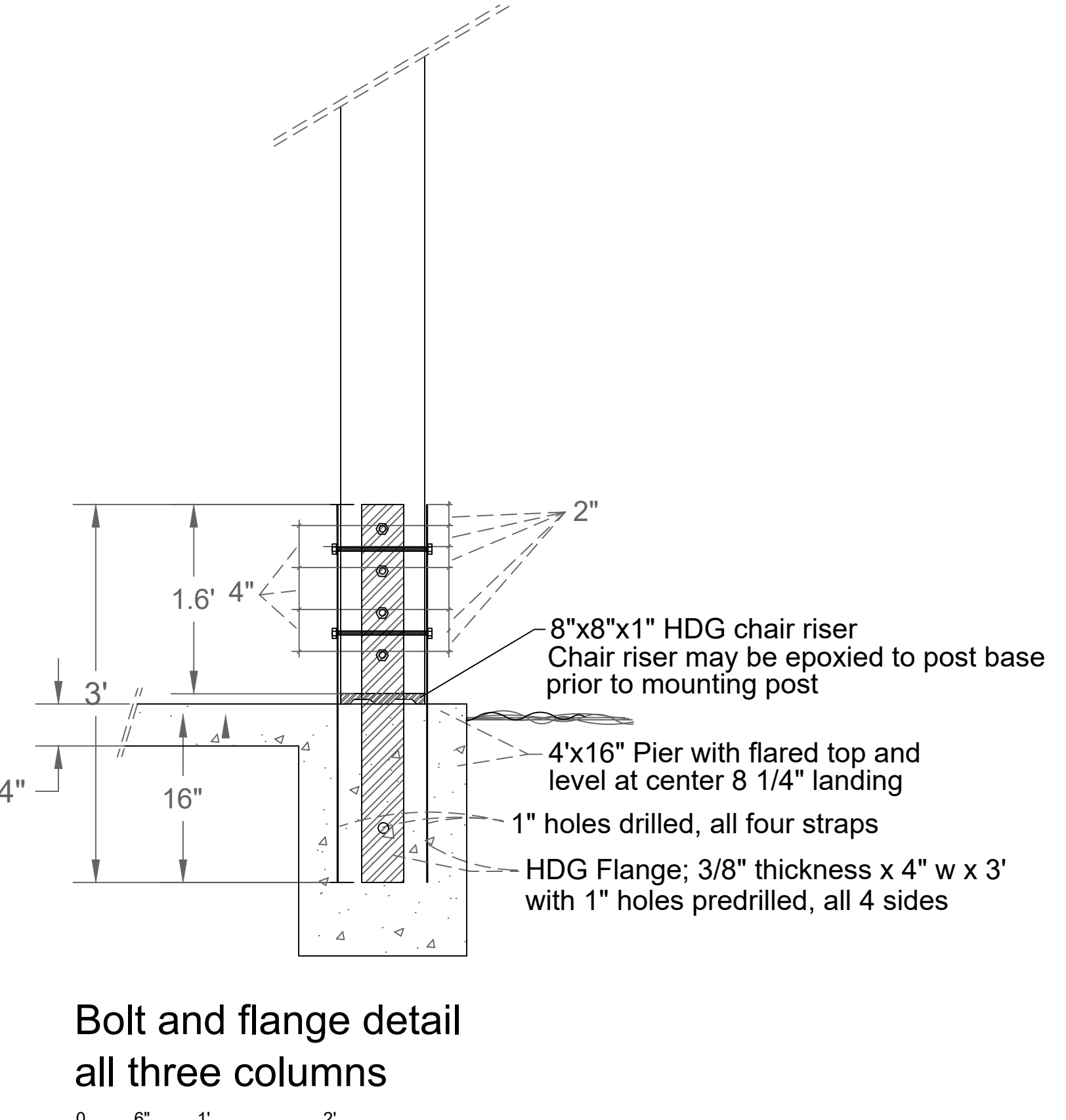
**Bill and Lila Senter Memorial Arboretum and Picnic Area**  
 Kirby Lake Park, Abilene, Texas



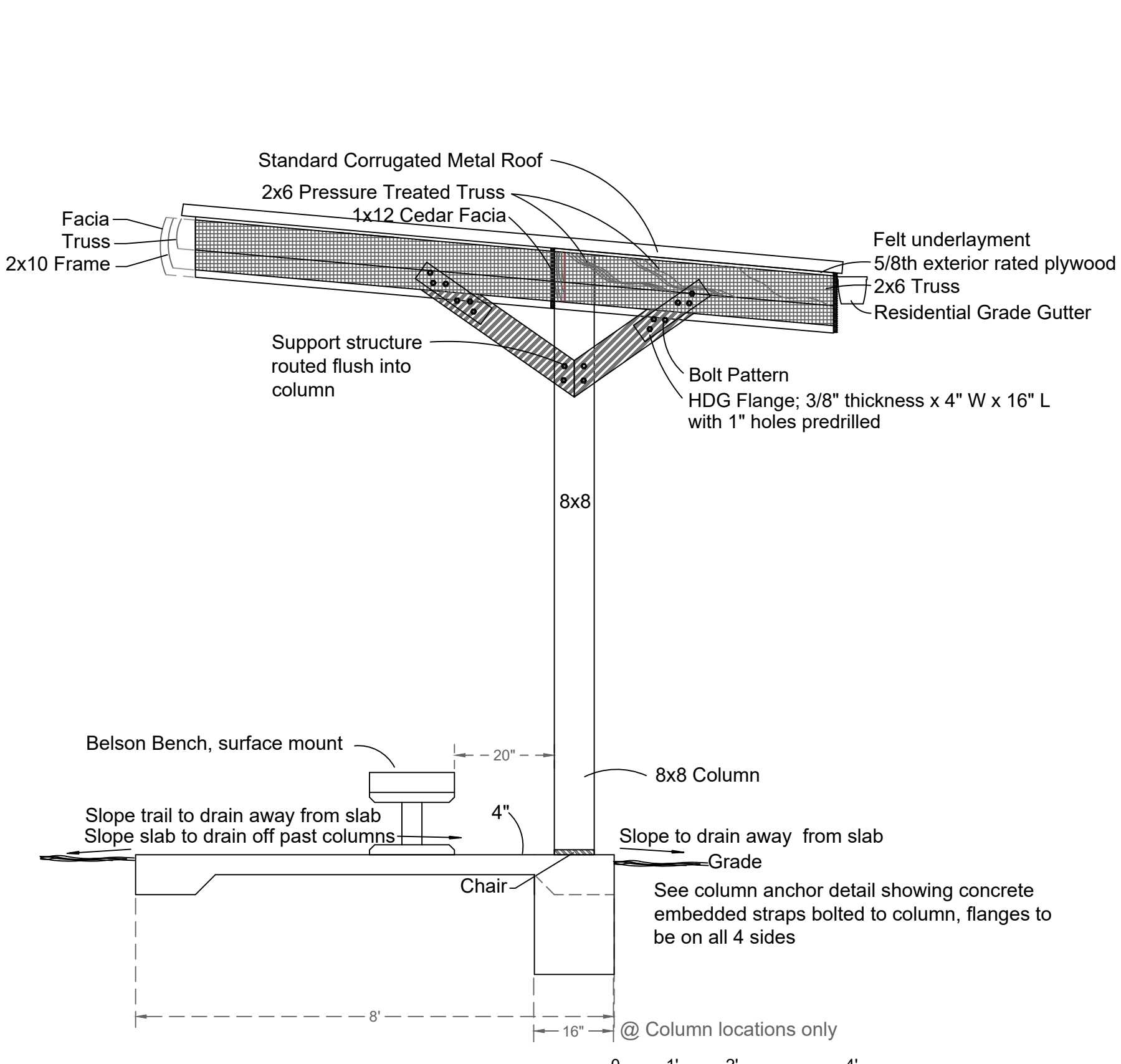
**L3**  
 sheet number



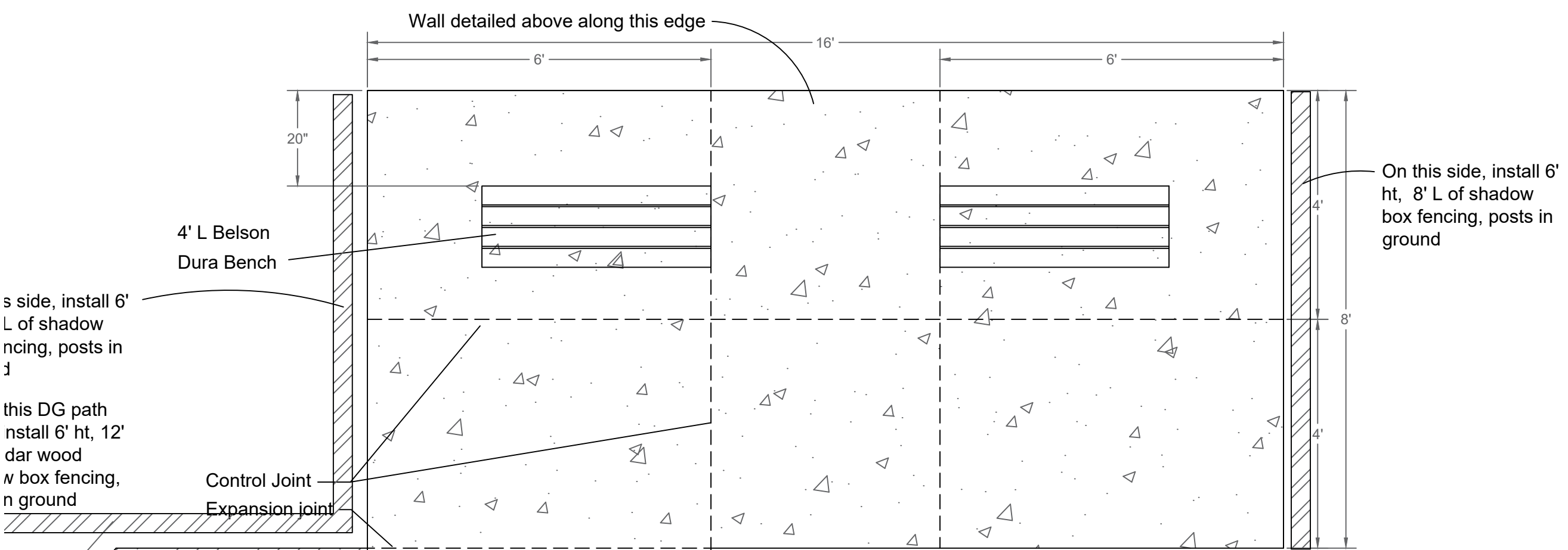
Section Elevation Through Column Face



Bolt and flange detail  
all three columns

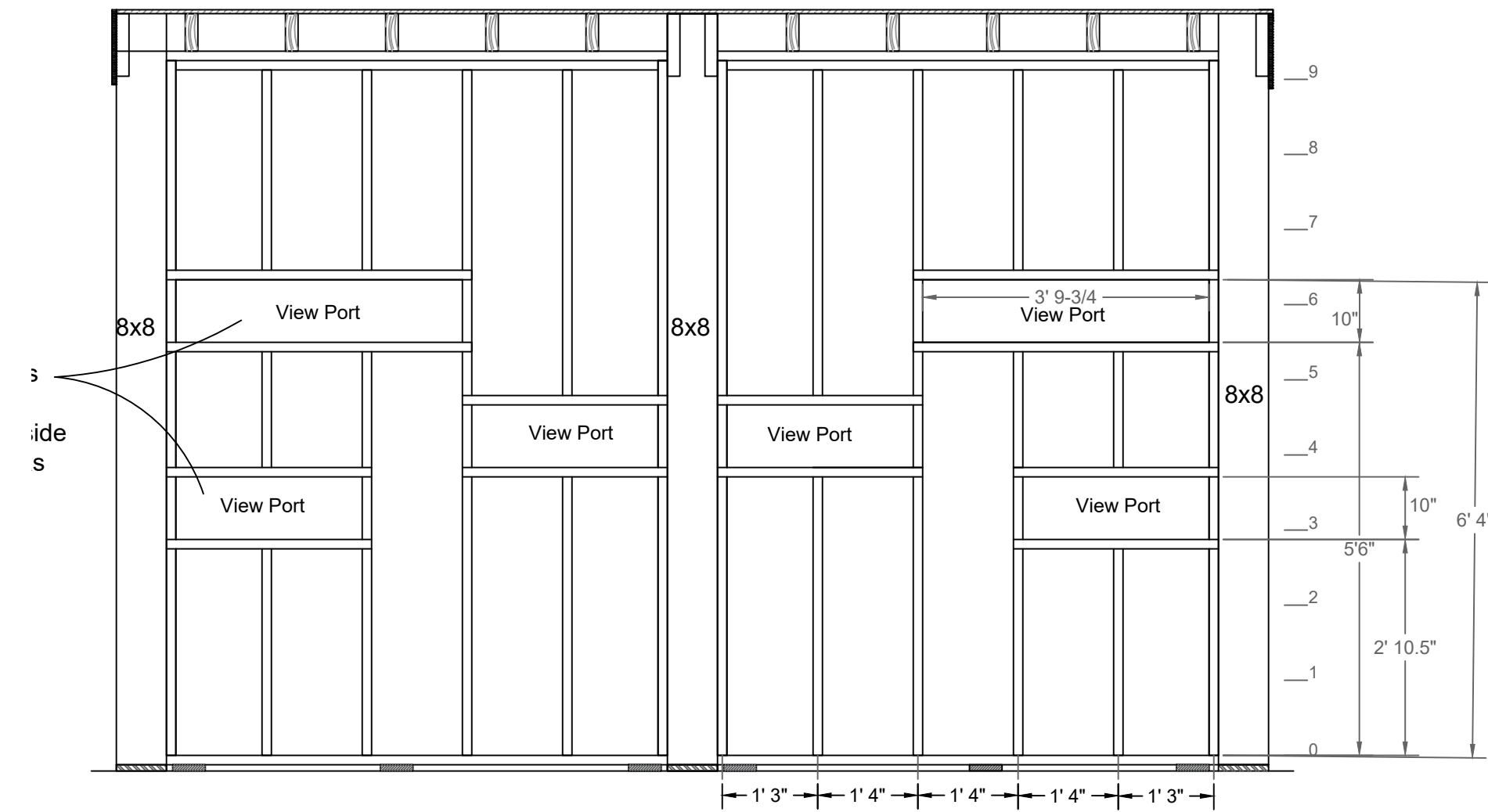


Side Elevation Bird Blind



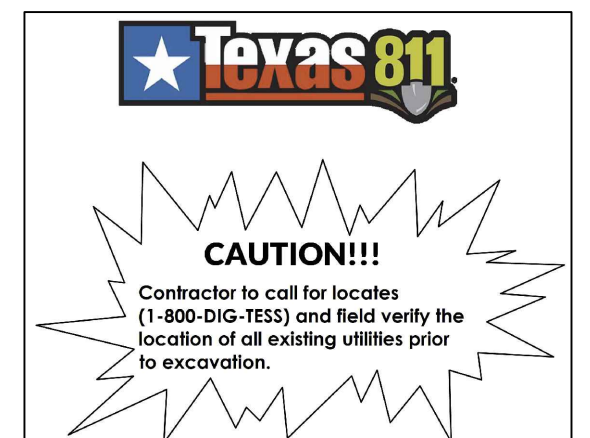
- Concrete:
- 4" thickness minimum ± 1/4" variation
  - Slump: 4"-5" recommended
  - Air entrainment 4%-6%
  - Water -Cement ratio ≤ 0.50
- Reinforcement:
- On bird blind slab: #3 rebar BW @ 18" OC
  - Mid depth, use chairs
  - Sidewalk: 6x6 WWM; 1.4 minimum
  - Chaired
- Control Joints: 1" minimum depth
- Concrete Edges; depth increases to 8"
- 8" x8" Column footings; 2' depth x 16" wide both ways; straps inserted at column dims
- Finishing:
- Heavy broom finish
  - Avoid over-trowling
- Curing:
- Cure for minimum of 8 days
  - Curing compound (ASTM C309)
  - Protect from rapid drying winds
  - Curing temps between 40° and 95° Alert landscape architect if weather is constraint
- Post paving Impacts:
- NO HEAVY EQUIPMENT OVER SIDEWALK. Sidewalk placement to coordinate with landscape and other actions prior to pouring to allow other trades to complete prior to blocking passage and allow no impact to sidewalk after placement. Damage to be replaced at contractor's expense.
- Sidewalk control joints spaced every 8'
- Bird blind, control joints as shown
- Expansion joints every 15'
- Decomposed granite, 4" trail juncture with 6" wide concrete path. Slope to match concrete elev for ADA compliant less than 5% slope. Decomposed granite path to slope up to concrete less than 5%, ADA compliant.
- Concrete Specifications
- Subgrade:
- Strip all vegetation, roots, organic material, and unsuitable soil
  - Proof-roll subgrade; remove soft or pumping areas
  - Scarify top 6", moisture condition, and compact to ≥ 95% Standard Proctor (ASTM D698)
  - Subgrade to be smooth, firm, and uniform prior to base placement.
  - Maintain positive drainage away from slab
  - Do not place slab over saturated clay
- Base Course:
- Material: Crushed limestone base, caliche base, or TxDOT Grade 1-2 base
  - Well-graded, angular, free of organic matter
  - Thickness: 4" minimum compacted; If soils require thicker base then place in 4" lifts
  - Compact to ≥ 95% Standard Proctor
  - Final surface to be level within 1/2"

Pavement detail plan at Bird Blind



Front face siding view ports

Siding to be T-111 wood panel siding for inside and outside. the diagram to the left shows where the window ports are to be cut in. Each window port to be framed with 2 x 4 within the stud framing and then trimmed on the inside with pressure treated 1 x 6. Siding to be secured with exterior screws and sealed with PPG Sikkens Cetol 1 then Cetol 2-3 Oak color. Bottom edge of siding to match the bottom edge of the 2 x 4 framing and not overlap the blocking to the concrete slab.



Authorized signature \_\_\_\_\_ Date \_\_\_\_\_  
Landscape contractor to sign acknowledging they have read and understand all plans, details and specifications and will abide by them



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**Bill and Lila Senter Memorial Arboretum and Picnic Area**  
 Kirby Lake Park, Abilene, Texas



**L5**  
sheet number

B. Filter/Geotextile Fabric  
 Run filter fabric beneath DG to reduce mixing with fines below and slow washout.  
 C. DG Material  
 Comply with DG aggregate as noted above (granite aggregate with fines).  
 Sample and submit DG for Vista approval before delivery.  
 D. Placement & Compaction  
 Place DG in multiple thin lifts (e.g. 2 inches before compaction).  
 Water and compact each lift to 90% density.  
 Finish to smooth, uniform surface grade with proper slope for drainage.  
 E. Thickness  
 DG trail thickness 4 inches compacted over a good base  
 F. After DG is installed, treat the the entire surface with Organic-Lock binder; www.organic-lock.com, Natural Stabilizer by Stabilizer Solutions (800) 336-2468 or approved equal  
 G. Edging  
 Install steel edge per manufacturer's recommendation, to contain DG and maintain profile. Exposed steel edging ends to be chamfered 1" x 1"  
 H. Drainage & Slope  
 Provide positive drainage slopes (e.g., 2-5 %) and avoid low spots.  
 Protect against erosion (side slopes, swales, etc.).  
 I. Accessibility  
 If a public trail, ADA slope/grade and surface firmness requirements may apply.

Irrigation Notes:  
 1) Landscape Contractor responsible for locating pressure main and zone valves and identifying what is to be protected during construction, and marking these appropriately. Information to be provided to the GC and the grading contractor. Refer to civil for final grading plans and potential pressure main conflicts.  
 2) Sprinkler heads and driplines must be placed at least 6" from impervious surfaces such as streets, sidewalks, and driveways.  
 3) For irrigation areas less than 6' wide, drip irrigation is to be used.  
 4) All dripline zones must have an air relief valve and a flush valve.  
 5) All local municipal and state laws, rules, and regulations governing or relating to any portion of this work are hereby incorporated into and made part of these specifications and their provisions shall be carried out by the contractor. In case of conflicts between specifications, drawings, and/or code, the more stringent requirement shall prevail.  
 6) The mainline and sleeving plan, if provided, is diagrammatic only. All piping is for design clarification only and shall be installed within the limits of work boundaries. Avoid conflicts between the irrigation system, existing trees, plantings and architectural features. All sleeves must be minimum of 4" and extend a minimum of 6" beyond back of curb or other impervious surface. Top of sleeve to be min 8" deep.  
 7) Irrigation equipment, if shown, is diagrammatic only.  
 8) Do not willfully install any equipment as shown on the plans when it is obvious in the field that unknown conditions exist that were not evident at the time the irrigation plans were prepared.  
 9) All heads are to be adjusted to prevent overspray onto streets, buildings, walls, fences, and hardscape.  
 10) The irrigation system design shall be based on the minimum operating pressure and the maximum flow demand possible for that pressure. If potential cost savings are apparent with a different philosophy then the irrigation designer will discuss with the landscape architect.  
 11) Install a double check valve below grade and; test cocks must be placed, except when the double check valve is being tested; test cock plugs must be threaded, water tight, and made of non-ferrous material; a wye type strainer is installed on the inlet side of the double check valve. There must be a clearance between any fill material and the bottom of the double check valve to allow space for testing and repair; and there must be space on the side of the double check valve to test and repair the double check valve.  
 12) Wire splicing must be water proof  
 13) Wiring must be a minimum of #14 gauge, UL rated for direct burial and must be buried a minimum of 6"  
 14) The master valve must be installed AFTER the backflow preventer.  
 15) An isolation valve must be installed between the water meter and the backflow preventer.  
 16) Must use a colored primer  
 17) Rain or moisture sensor shutoff device required.  
 18) Lateral pipe to be installed a minimum of 8", and the mainline pipe at a minimum of 18" below finished grade.  
 19) Trenches and holes must be returned to original grade using select fill.  
 20) Do not provide drinking or domestic use allowed from irrigation system.  
 21) If quick coupling valves are installed, there must be a pvc gate valve between the QCV and the source of water. Lids must be purple for QCV.  
 22) Machine trenching is not permitted within the root zones of existing trees (critical root zones), hand digging is required within the root zone of existing trees. Do not cut roots over 1 inch in diameter. Trees over 12" in caliper must use airspading for trenching within the dripline of these trees.  
 23) The irrigation installer shall develop and provide an as-built design plan and water budget to the city at the time the final plumbing inspection is performed. The water budget shall include: chart showing existing zone numbers, precip rates, and gallons per minute; the location of the emergency shut-off valve. A laminated copy of the as-built plan shall be placed inside the controller door and second copy provided to the owner along with any operations manuals for system or controller.

Authorized signature \_\_\_\_\_ Date \_\_\_\_\_  
 Landscape contractor to sign acknowledging they have read and understand all plans, details and specifications and will abide by them

3.03 SHRUB PLANTING  
 A. Layout and outline of planting beds as shown on drawings shall be marked on the ground by the Landscape Contractor prior to excavation, for approval by the Landscape Architect.  
 B. If needed, carefully prune plants to remove dead or broken branches.  
 C. Hand rake bed areas to smooth even surface, and to provide for positive drainage.  
 D. Plants shall be installed in straight rows and spaced evenly to fill bed, unless otherwise noted, and at intervals called out on drawings. Triangular spacing shall be used unless otherwise noted on drawings (as applies).  
 E. Shrubs beds and pit planting: Excavate planting hole 1/2" wider than container, 4" deeper than height of root ball; backfill with specified soil mix.  
 F. Place plants in position on bed areas before containers have been removed. Obtain approval from Landscape Architect by zoom, or GC forman. Remove burlap from all B&B plants. Landscape Architect reserves the right to interchange or shift plants prior to planting.  
 G. Plant where located, set plants with best side out (when applicable). Tops of root balls to be even with tops of beds, and compact soil carefully around each plant root ball.  
 H. Water each plant thoroughly after installation to eliminate air pockets. Any settling of plants or finished grade shall be repaired prior to the installation of mulch. Finished grade of planting beds to be 1/2" below finished grade of adjacent pavement or curb.  
 I. After planting has been completed and approved by Landscape Architect, mulch bed areas per mulch specification; 2.05 MULCH

3.04 GROUND COVER PLANTING  
 A. Layout and outline of planting bed as shown on drawings shall be marked on the ground by the Landscape Contractor prior to excavation, for approval by the Landscape Architect, Project Architect or Assigns.  
 B. Plants shall be installed in straight rows and spaced evenly to fill bed, unless otherwise noted and at intervals called out on drawings. Triangular spacing shall be used unless otherwise noted.  
 C. Landscape bed soil, refer to 2.02-2 Physical Properties; No further amendment to the soil necessary.  
 D. Place plants in position in bed area before containers have been removed. Obtain approval from Landscape Architect. Landscape Architect reserves right to or shift plants prior to planting. Plant where located, set plants with best side out (when applicable).  
 E. Tops of root balls to be even with top of beds, and compact soil carefully around each plant root ball.  
 F. If needed carefully prune plants to remove dead or broken branches.  
 G. Hand rake bed areas to smooth even surface, and to provide for positive drainage.  
 H. After planting has been completed and approved by Landscape Architect, mulch bed areas 3 inches deep.

3.05 reserved  
 3.06 CLEANUP  
 A. The Subcontractor shall dispose of all subsoil excavated from his work offsite, or where approved by owner.  
 B. All areas shall be kept neat and orderly. Remove all the site debris, including, but not limited to rocks, weeds, branches, paper, trash, etc. resulting from his work on a daily basis as work progresses.  
 C. Keep walks and driveways clean.  
 D. All scars, ruts or other marks in the ground resulting from the Subcontractor's work shall be repaired and the ground left in a neat and orderly condition throughout the site.  
 E. The Subcontractor shall leave the site area broom clean and shall wash down all paved areas within the contract area, leaving the premises in a clean condition.  
 F. Backfill tree pits According to the soil amendment chart. Lightly damp every 6-inches to fill all voids and air pockets. When pit is 2/3 full, water thoroughly and leave water to soak in. Complete back filling and form a 3" water retention basin around the tree. Fill retention basin with water on leave to soak in, refill retention basin with water again.  
 G. Completely fill each water retention basin with specified mulch to a depth of three inches.  
 H. Do not pile mulch on tree trunk. Trunk flare shall be visible.  
 I. Trees shall be set to give the best appearance. All plants shall be set level with finished grade upon completion of planting operations. Subcontractor shall keep trees upright and plumb until established. Guying and/or staking to maintain that upright plumb condition shall be at the Subcontractors discretion. However, if trees are not upright plumb, the Subcontractor will be required to guy and/or stake those trees in a method acceptable to the Landscape Architect at no additional cost to the owner.  
 L. Pruning: Pruning shall be limited to the minimum amount necessary to remove dead or injured twigs and branches. Pruning may not be done prior to delivery of plant material. Cut over 3/4" in diameter shall be painted with specified tree paint. Do not cut back terminal branches.

4.0 DECOMPOSED GRANITE TRAIL  
 This specification describes how DG is defined and how it should be placed:  
 Material: Natural granite aggregate with fines, max particle size ~1/4-inch; free of organics and deleterious substances.  
 Composition: ~75% granite and ~25% clay to compact into a firm, stable surface.  
 Preparation: Place DG over filter fabric (if required), remove loose subgrade material.  
 Placement: Spread in lifts up to ~2 inches, wet and compact to 90-95% of max dry density per Tex-114-E, with roller compaction (no plate tamper).  
 Measurement: By square yard.  
 A. Subgrade Areas  
 Clear and grade trail alignment to design grade. Remove loose soil and organic matter.  
 If a soft or wet subgrade exists, add aggregate base (e.g., compacted road base) beneath DG to improve drainage and support.  
 Optionally install geotextile fabric to separate subgrade from base/DG.

2.07 MISCELLANEOUS MATERIALS  
 A. Steel edging: 1/8" thick x 4" deep, heavy duty steel edging and stakes as manufactured by Permaloc; Color: dark green or brown; client representative choice.  
 1. All landscape beds adjacent to lawn areas to be separated by Permaloc edging; ends and angled corners to be chamfered at 45°. where landscape bed edge terminated on hardscape, chamfer not necessary as the edging end does not extend above hardscape surface elevation. Grind cut edges to remove burrs or sharp edges.  
 B. Soil Filter Fabric: None to be applied  
 C. Staking and Guying Materials.  
 D. Wood stakes. 2" x 2" or 2" x 4" (6-8' long) hardwood  
 E. T-shaped metal posts, dark green in color, 8 feet long.

F. Tie wire. 12 gauge galvanized wire with a minimum 12" long black hose to prevent wire contact with tree.  
 G. Black hose 2-ply fiber reinforced hose, minimum 1/2- inch inside diameter, uniform in color.  
 H. Tree paint: Asphaltic base paint with antiseptic properties, manufactured for use on tree wounds, "Morrison Tree Seal", "Cabort Tree Paint", or approved equal.  
 Part 3 EXECUTION  
 3.01 CONDITIONS OF SURFACES  
 A. New bed areas to be graded to one tenth of a foot of finish grade.  
 Subcontractor will be responsible for shaping and fine grading all planting areas as indicated on plan or as directed by Landscape Architect or Project Architect. Coordinate with GC on areas not draining adequately  
 B. Examine sub grade upon which work is performed. Notify Landscape Architect of unsatisfactory conditions.  
 3.02 TREE PLANTING  
 A. Tree locations shall be staked prior to excavation for approval by Landscape Architect or Assigned.  
 B. Plant ornamental tree in pits 3 times the width of the root ball and equal to the depth of the root ball. Plant shade trees in pits three times the diameter of the root ball and equal to depth of root ball. In no case shall the distance from the root ball to the side of the pit be less than 12 inches.  
 C. After excavation of tree pits, review water percolation, tree pit does not drain adequately, notify Landscape Architect prior to planting.  
 The work on this section shall include the removal from the site of such rock or underground obstruction encountered at the cost of the Landscape Contractor.  
 4. Existing beds will have half the depth of soil existing removed and replaced with fresh topsoil and blended to the depth of 12".  
 5. Where there are significant tree roots present, amend as possible with loosening up of the top 6" and adding 2" of fresh topsoil on top of the existing. Avoid damage to tree roots 1" and greater.  
 D. Sharp Sand. Clean, washed sand (fine aggregate) ASTM C-33

2.03 FERTILIZER  
 A. Fertilizer shall be a complete organic fertilizer, part of the element that is derived from organic sources. It should be the type, percentages and applied at the rate specified in the soil analysis.  
 Fertilizer shall be delivered in manufacturer's standard container printed with name, material weight and guaranteed analysis. Fertilizer's with N-P-K analysis other than that specified may be used provided that the application rate per square foot of nitrogen, phosphorus, and potassium is equal to that specified.  
 B. Fertilizer as specified shall be applied at the time of planting and/or incorporated into the soil mix per manufacturer's instructions and accepted horticultural practices. At no time will fertilizers be used prior to planting or during or after planting with the intent to promote quick growth to fill out plants that do not meet specifications.  
 C. Soil sulfur : per soil analysis, soil sulfur has elevated levels and therefore no application needed  
 2.04 BACK FILL MIX  
 See soil mix above  
 2.05 MULCH  
 Native shrubs, ground covers, perennials and grasses showing a "L" for low watering requirement on the plant schedule to only have 1" of shredded hardwood mulch. Do not cover base of plant with mulch. Larger shrubs like yucca and Indian hawthorn to have 3" mulch. All trees to have 3" mulch. All mulch to have a medium fine texture, shredded hardwood, and free of sticks, stones, clay, or other foreign material.  
 2.06 WATER  
 Water shall be furnished by owner, be suitable for irrigation and shall be free from ingredients harmful to plant life, transport as required. Subcontractor to coordinate with Owner Representative for location of water supply as well as permanent irrigation.

2.02 SOIL PREPARATION MATERIALS:  
 All soil specification are to meet or exceed requirements of the permitting jurisdiction where applicable. All compost to be well composted, no green.  
 B. Premixed soils will be considered as "Approved Equals" when samples are submitted with manufacturers' data and laboratory test reports. Approved suppliers include:  
 Abilene AG Services & Supply  
 Willow Creek Gardens  
 Jackson Bros Feed & Seed  
 C. Topsoil: Natural Sandy Loam.  
 1. Friable, fertile, dark, loamy soil, free of clay lumps, stones, and other extraneous material and reasonably free of weeds and foreign grasses. Soil containing Dallisgrass or Nutgrass shall be rejected.  
 2. Physical Properties as follows:  
 Check the existing top soil to see if its infiltration rate is approximately 1"-1.5" per hour, if so then use existing top soil, screened for organic materials, for the 40% listed below

For Landscape Beds:  
 40% washed sharp or builder' sand  
 40% topsoil / loam screened local top soil or sandy loam free of caliche or compacted clay. If the existing top soil matches the top soil description, then screen and use with the proportions listed here. Do not add additional compost if organic content is adequate  
 10% organic compost  
 5% decomposed granite  
 5 lbs per cu yd gypsum  
 2-3 lbs per cu yd horticultural charcoal or biochar  
 2 lbs per cu yd slow release organic fertilizer (cottonseed or alfalfa meal) or MicroLife Multi Purpose Granular Organic Fertilizer  
 For Lawn Areas:  
 40% washed sharp or builder' sand  
 40% topsoil / loam screened local top soil or sandy loam free of caliche or compacted clay  
 20% organic compost  
 2m lbs per cu yd slow release organic fertilizer (cottonseed or alfalfa meal)  
 Contact landscape architect to discuss the above soil specification.  
 3. Spread topsoil to depths specified on the drawings for all planting beds. Provide a minimum of 12" of topsoil in all planting beds and a minimum of 4" of topsoil in all lawn areas.  
 4. Existing beds will have half the depth of soil existing removed and replaced with fresh topsoil and blended to the depth of 12".  
 5. Where there are significant tree roots present, amend as possible with loosening up of the top 6" and adding 2" of fresh topsoil on top of the existing. Avoid damage to tree roots 1" and greater.  
 D. Sharp Sand. Clean, washed sand (fine aggregate) ASTM C-33

2.01 PLANT MATERIAL  
 A. Quantities on the drawings and specifications are for the convenience of the Subcontractor. In case of discrepancy between the plant list and the plans, the plans shall govern. The plant schedule is an aid to bidders only. Subcontractor shall confirm all quantities on plan.  
 B. Plants shall be equal to well formed #1 grade or better, symmetrical, heavily branched in healthy, vigorous condition, densely foliated and/or budded and a strong, straight, distinctive leader where this is characteristic of species. Plants shall possess a normal balance between height and spread. The Landscape Architect will be the final arbitrator of acceptability of plant form, either before or after planting, and shall be removed at the expense of the Landscape Contractor and replaced with acceptable plants as specified.  
 C. Plant material shall be healthy and vigorous with a well developed fibrous root system, free of, disease and insect infestation on the stems, leaves, sun scalds, fresh scrapes or abrasions, broken or split branches, fresh limb cuts, disfiguring knots, and other defects.  
 D. At no time shall trees or plant materials be pruned, trimmed or topped prior to delivery.  
 Any alteration of their shape shall be as directed by Landscape Architect, and shall be executed by Landscape Contractor at no additional cost to owner.  
 Plants to be well rooted in the container, but not to the point of being root bound.  
 E. All plants shall be typical of their species or variety, and shall have a normal growth habit.  
 Plants shall meet the sizes indicated on the plant list unless it is a requirement of the jurisdictional permit where all calipers must meet or exceed specified size.  
 F. Plants indicated "B & B" shall be balled and burlapped. Plants shall be nursery grown unless otherwise specified in plant list. Balls shall be firm, neat, slightly tapered and well burlapped. Non-biodegradable ball wrapping material will not be accepted. Any tree loose in the ball or with broken ball at time of planting will be rejected; Balls shall be ten (10") in diameter for each one (1") inch trunk diameter, measured six (6") inches above ball.  
 G. Container grown plants shall be well rooted and established in the container in which they are growing. They shall have grown in the container for a sufficient length of time for the root system to hold the planting medium when taken from the container, but not long enough to become root bound.  
 H. Plants larger in size than specified on the drawings may be used if approved by the Landscape Architect, but use of larger plants shall not increase the Contract Price. The use of larger plants is approved, the root ball and planting pit shall both be increased in proportion to the size of the plant without increase in the contract price.  
 I. Substitutions will not be permitted. If proof is submitted that any plant specified is not obtainable, a proposal will be considered for use of the nearest equivalent size or variety with an equitable adjustment of the Contract Price. Notation of possible substitutions will be made with bid at time of submittal.

2.03 FERTILIZER  
 A. Fertilizer shall be a complete organic fertilizer, part of the element that is derived from organic sources. It should be the type, percentages and applied at the rate specified in the soil analysis.  
 Fertilizer shall be delivered in manufacturer's standard container printed with name, material weight and guaranteed analysis. Fertilizer's with N-P-K analysis other than that specified may be used provided that the application rate per square foot of nitrogen, phosphorus, and potassium is equal to that specified.  
 B. Fertilizer as specified shall be applied at the time of planting and/or incorporated into the soil mix per manufacturer's instructions and accepted horticultural practices. At no time will fertilizers be used prior to planting or during or after planting with the intent to promote quick growth to fill out plants that do not meet specifications.  
 C. Soil sulfur : per soil analysis, soil sulfur has elevated levels and therefore no application needed  
 2.04 BACK FILL MIX  
 See soil mix above  
 2.05 MULCH  
 Native shrubs, ground covers, perennials and grasses showing a "L" for low watering requirement on the plant schedule to only have 1" of shredded hardwood mulch. Do not cover base of plant with mulch. Larger shrubs like yucca and Indian hawthorn to have 3" mulch. All trees to have 3" mulch. All mulch to have a medium fine texture, shredded hardwood, and free of sticks, stones, clay, or other foreign material.  
 2.06 WATER  
 Water shall be furnished by owner, be suitable for irrigation and shall be free from ingredients harmful to plant life, transport as required. Subcontractor to coordinate with Owner Representative for location of water supply as well as permanent irrigation.

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 All soil specification are to meet or exceed requirements of the permitting jurisdiction where applicable. All compost to be well composted, no green.  
 B. Premixed soils will be considered as "Approved Equals" when samples are submitted with manufacturers' data and laboratory test reports. Approved suppliers include:  
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 C. Topsoil: Natural Sandy Loam.  
 1. Friable, fertile, dark, loamy soil, free of clay lumps, stones, and other extraneous material and reasonably free of weeds and foreign grasses. Soil containing Dallisgrass or Nutgrass shall be rejected.  
 2. Physical Properties as follows:  
 Check the existing top soil to see if its infiltration rate is approximately 1"-1.5" per hour, if so then use existing top soil, screened for organic materials, for the 40% listed below

D. A written notice requesting final inspection and acceptance should be submitted to Landscape Architect seven (7) days prior to completion. At that time, owner and Landscape Architect will prepare a final punch list to be reviewed with Landscape Subcontractor. When such project is deemed complete by Landscape Architect, on site inspection by owner, Landscape Contractor and Landscape Architect will be completed prior to written acceptance.  
 1.10 SUBCONTRACTOR'S RESPONSIBILITY  
 The Subcontractor shall have examined all drawings relating to the work required of him and shall have familiarized himself with existing site conditions and limitations as they apply to his work, the extent and character of the work required under this Section, its relation to all construction work, rough and finished grading, and landscaping.  
 B. No consideration will be granted for any alleged misunderstanding of the materials to be furnished or the extent and nature of the work to be performed, it being understood that the tender of the proposal carries with it an agreement to all its terms and conditions specified or referred to herein, or indicated on the Contract drawings.  
 C. The Subcontractor shall be liable for any damages to property caused by his operations under this Section and the Subcontractor shall, without any additional charge, restore to their original conditions areas and all construction disturbed or damaged by him pursuing the work of this Section.  
 D. Cooperation and coordination in all operations is imperative for the successful completion of the work  
 Part 2- PRODUCTS

2.01 PLANT MATERIAL  
 A. Quantities on the drawings and specifications are for the convenience of the Subcontractor. In case of discrepancy between the plant list and the plans, the plans shall govern. The plant schedule is an aid to bidders only. Subcontractor shall confirm all quantities on plan.  
 B. Plants shall be equal to well formed #1 grade or better, symmetrical, heavily branched in healthy, vigorous condition, densely foliated and/or budded and a strong, straight, distinctive leader where this is characteristic of species. Plants shall possess a normal balance between height and spread. The Landscape Architect will be the final arbitrator of acceptability of plant form, either before or after planting, and shall be removed at the expense of the Landscape Contractor and replaced with acceptable plants as specified.  
 C. Plant material shall be healthy and vigorous with a well developed fibrous root system, free of, disease and insect infestation on the stems, leaves, sun scalds, fresh scrapes or abrasions, broken or split branches, fresh limb cuts, disfiguring knots, and other defects.  
 D. At no time shall trees or plant materials be pruned, trimmed or topped prior to delivery.  
 Any alteration of their shape shall be as directed by Landscape Architect, and shall be executed by Landscape Contractor at no additional cost to owner.  
 Plants to be well rooted in the container, but not to the point of being root bound.  
 E. All plants shall be typical of their species or variety, and shall have a normal growth habit.  
 Plants shall meet the sizes indicated on the plant list unless it is a requirement of the jurisdictional permit where all calipers must meet or exceed specified size.  
 F. Plants indicated "B & B" shall be balled and burlapped. Plants shall be nursery grown unless otherwise specified in plant list. Balls shall be firm, neat, slightly tapered and well burlapped. Non-biodegradable ball wrapping material will not be accepted. Any tree loose in the ball or with broken ball at time of planting will be rejected; Balls shall be ten (10") in diameter for each one (1") inch trunk diameter, measured six (6") inches above ball.  
 G. Container grown plants shall be well rooted and established in the container in which they are growing. They shall have grown in the container for a sufficient length of time for the root system to hold the planting medium when taken from the container, but not long enough to become root bound.  
 H. Plants larger in size than specified on the drawings may be used if approved by the Landscape Architect, but use of larger plants shall not increase the Contract Price. The use of larger plants is approved, the root ball and planting pit shall both be increased in proportion to the size of the plant without increase in the contract price.  
 I. Substitutions will not be permitted. If proof is submitted that any plant specified is not obtainable, a proposal will be considered for use of the nearest equivalent size or variety with an equitable adjustment of the Contract Price. Notation of possible substitutions will be made with bid at time of submittal.

2.03 FERTILIZER  
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 Fertilizer shall be delivered in manufacturer's standard container printed with name, material weight and guaranteed analysis. Fertilizer's with N-P-K analysis other than that specified may be used provided that the application rate per square foot of nitrogen, phosphorus, and potassium is equal to that specified.  
 B. Fertilizer as specified shall be applied at the time of planting and/or incorporated into the soil mix per manufacturer's instructions and accepted horticultural practices. At no time will fertilizers be used prior to planting or during or after planting with the intent to promote quick growth to fill out plants that do not meet specifications.  
 C. Soil sulfur : per soil analysis, soil sulfur has elevated levels and therefore no application needed  
 2.04 BACK FILL MIX  
 See soil mix above  
 2.05 MULCH  
 Native shrubs, ground covers, perennials and grasses showing a "L" for low watering requirement on the plant schedule to only have 1" of shredded hardwood mulch. Do not cover base of plant with mulch. Larger shrubs like yucca and Indian hawthorn to have 3" mulch. All trees to have 3" mulch. All mulch to have a medium fine texture, shredded hardwood, and free of sticks, stones, clay, or other foreign material.  
 2.06 WATER  
 Water shall be furnished by owner, be suitable for irrigation and shall be free from ingredients harmful to plant life, transport as required. Subcontractor to coordinate with Owner Representative for location of water supply as well as permanent irrigation.

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 2.06 WATER  
 Water shall be furnished by owner, be suitable for irrigation and shall be free from ingredients harmful to plant life, transport as required. Subcontractor to coordinate with Owner Representative for location of water supply as well as permanent irrigation.

5. Notify Landscape Architect of delivery schedule 48 hours in advance so plant materials may be observed upon arrival at job site. Subcontractor to submit an itemized list of the plants in each delivery.  
 6. Deliver all plants with legible identification labels stating proper botanical names and sizes indicated on plant list.  
 7. Department of Agriculture certificate shall accompany all grass seed and each delivery of sod used for solid sod or plugging to certify genetic identity and shall be furnished to Owner upon presentation of invoice.  
 8. Remove rejected plant material immediately from site.  
 1.07 JOB CONDITIONS  
 A. Planting Restrictions: Perform actual planting only when weather and soil conditions are suitable in accordance with locally accepted practice.  
 B. Schedule: Install trees, shrubs, and liner stock plant material before lawn installation has commenced. Subcontractor to coordinate all other work with all other trades.  
 C. Protections:  
 1. Do not move equipment over existing or newly placed structures without approval of Landscape Architect and General Contractor.  
 2. Provide board-reading and sheeting as required to protect paving and other improvements from damage.  
 3. Coordinate work with irrigation Contractor to prevent damage to underground sprinkler system  
 4. Handle plant material to avoid damage. No plant shall be so bound with rope or wire so as to damage the bark, break branches or destroy its natural shape. No material required to be balled and burlapped shall be accepted if the ball is cracked or broken either before or during the process of planting; or when burlap, stakes, ropes or platform required for this construction have been removed.  
 5. Provide temporary bracing and watering necessary to continue the work once planting operations have begun.  
 D. Utilities:  
 1. Locate and verify condition of utilities prior to any excavation. Perform work in a manner, which will avoid possible damage. Hand excavate if required to minimize possibility of damage to underground utilities.  
 2. Maintain grade stakes set by others until removal is mutually agreed upon by parties concerned.

1.08 WARRANTY AND REPLACEMENT  
 A. All plant material installed under the contract shall be guaranteed to remain healthy and healthy, vigorous condition for a period of 2 years after completion and date of written final acceptance of project landscape installation. Replace dead materials and materials not in vigorous, thriving condition as soon as weather permits and a notification by the Landscape Architect. Replace plants, including trees, which in opinion of Landscape Architect has partially died thereby damaging shape size and symmetry.  
 B. Replace all plant material in accordance with the contract drawings and specifications at no cost to the owner. Provide one-year warranty on replacement plants. Plant material should be replaced at the start of the next planting or digging season. In such cases, remove plant material immediately.  
 C. Warranty excludes replacement of plants after final acceptance because of injury by storm, drought, drowning, hail, freeze, vandalism, insects, diseases, or negligence on the part of the Owner, as determined by the Landscape Architect.  
 D. The Subcontractor shall be liable for any damage to property, including lawns, pavement, curbs, irrigation, etc. caused by replacing operations as stated under Subcontractor's responsibility.  
 E. Subcontractor shall remove staking and guying materials from the site at the end of the warranty period.

1.09 MAINTENANCE  
 A. Water will be available on site. Provide necessary hoses and other watering equipment required to complete work. Coordinate with Owner representative for specific locations to water supply.  
 B. Until final acceptance, maintain plantings and trees by watering, mowing and turf edging, weeding, cultivating, control of insects, fungus and other diseases by means of spraying with an approved insecticide or fungicide; pruning, adjustment and repair of stakes, anchors and wire, cleaning and replacement as necessary to keep landscape in a vigorous, healthy condition and rake bed areas as required, and all to be per the Landscape Maintenance Specifications.  
 C. The one year maintenance contract sum shall be retained by the Owner through the guarantee period and dispensed to the Subcontractor monthly in equal installments.

1.03 QUALITY ASSURANCE  
 A. Provide plant material in compliance with applicable State and Federal laws relating to inspection for diseases, insect infestation, and growth rate.  
 B. Submit documentation to landscape architect within (15 days) after award of contract that all plant material is available and has been purchased or reserved. Subcontractor shall be responsible for all plant material shown on drawings. Any substitutions due to unavailability must be requested in writing by email: mitch@vistaplanningdesign.com, prior to confirmation of ordering all plant material. All plant material shall be subject to inspection by Landscape Architect at any time after confirmation of ordering.  
 C. Plants shall be subject to inspection and approval by Landscape Architect at place of growth or upon delivery for conformity to specifications. Such approval does not preclude the right of inspection and rejection during progress of work. Landscape contractor to verify that all trees comply with the caliper requirements of the documents at the time of delivery. The health and vigor of the plant material is the sole responsibility of the Subcontractor.  
 D. Subcontractor shall submit written request for inspection of plant material at the site to Landscape Architect. Written request shall state the species. Place of growth and quantity of plants to be inspected. Landscape Architect reserves the right to refuse inspection at this time if, in his judgment, a sufficient quantity of plants is not available for inspection or if timing is in conflict with schedules.  
 E. Employ only qualified personnel familiar with required work.  
 F. Off-site and on-site topsoil testing to be paid for by landscape contractor.  
 1. Provide source of off-site soil to the Landscape Architect for purposes of soil investigation.  
 2. Take random representative soil samples from areas to be planted.  
 3. Soil samples have been tested with results posted within the documents. Test is for pH, alkalinity, total soluble salts, porosity, sodium content, and organic matter, among other things. Landscape Contractor is responsible for reading and understanding and to discuss with Landscape architect if any notes are in conflict or adverse effect.  
 G. Landscape architect may assign project manager to perform all onsite inspections of plants and materials.

1.04 REFERENCE STANDARDS  
 A. American Standards for Nursery Stock, latest edition – Plant Materials.  
 B. "Standard Plant Names" as adopted by the latest edition of the American Joint Committee of Horticultural Nomenclature.  
 C. ASTM – American Standard Testing Material– Sharp Sand  
 D. "Grades and Standards" by the Texas Association of Nurseryman.  
 1.05 SUBMITTALS  
 A. Samples– Submit for approval sufficient representative quantities of soil mix, mulch, peat moss, and decorative stone or gravel.  
 B. Through Internet conferencing, show multiple samples of each specified trees, shrubs, ground cover, and bulb plants for approval by the Landscape Architect. Once approved, total stock of specified plants will generally resemble these samples.  
 1.06 PRODUCT DELIVER, STORAGE, AND HANDLING  
 A. Preparation for delivery:  
 1. Balled and Burlapped (B&B) Plants-dig and prepare for shipment in a manner that will not damage rootball, trunks, branches, bark, leaf canopy and future tree development.  
 2. Container Grown Plants– deliver plants in containers sufficiently rigid to hold ball shape and protect root mass during shipping.  
 B. Delivery  
 1. Deliver fertilizer and other packaged materials to the site in original unopened containers showing weight, analysis, and name of manufacturer. Materials shall be stored in a weatherproof storage place, and in such a manner that it will be kept dry and its effectiveness will not be impaired during delivery and while stored at site.  
 2. Do not deliver more plant materials to the site than can be planted in a day, unless adequate watering and storage facilities are available on the job site.  
 Storage of equipment and materials at the job site will be at the discretion of the landscape contractor. The owner will not be held responsible for theft or damage.  
 3. All balled and burlapped plants that cannot be planted immediately upon delivery shall be set on the ground. Protect root balls by heeling in with mulch or other approved material, and keep well watered.  
 4. Protect all plant material during delivery by use of tarpaulins or other suitable covering to prevent damage to root ball or desiccation of leaves.

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 4. Protect all plant material during delivery by use of tarpaulins or other suitable covering to prevent damage to root ball

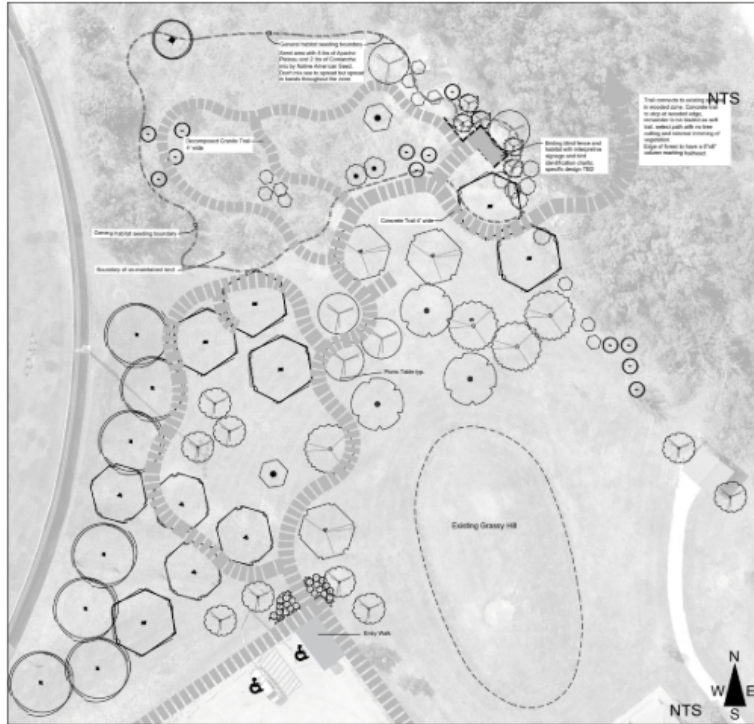


# Bill and Lila Senter Memorial Arboretum and Picnic Grounds

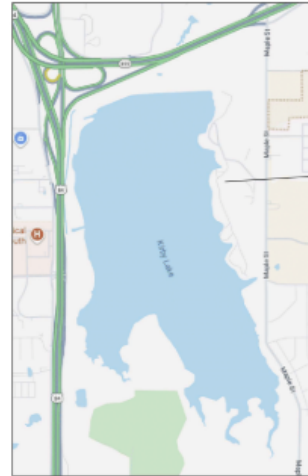




# General Information



**Bill and Lila Senter Memorial Arboretum and Picnic Area**  
Lake Kirby Park, Abilene, Texas



### Sheet Set

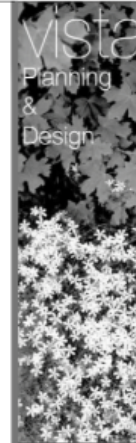
Cover	Cover
L-1	Landscape Plan
L-2	Landscape Plan Layout Details
L-3	Construction Details and Soil Analysis
L-4	Construction Details
L-5	Specifications

### General Notes:

- Contractor to read thoroughly and sign at the bottom of each sheet that they understand the drawings and specifications and will abide by what is there.
- The intention is to treat this as an organic, non-chemical space as referenced in the specifications, no herbicides or pesticides.
- The existing lawn is not to be fertilized or watered. All trees are to be on drip irrigation and soil/fertilizer spec is specifically for the tree locations.
- Direct all questions, discrepancies, concerns to Vista Planning & Design; Mitch Wright, (512) 673-5274
- Plants are not to be substituted. If a plant can't be found, then contact Vista; Contractor to verify plant supplies at bidding to confirm availability
- Artistic applications to the cedar trail head posts are a separate contract with the artist. Contractor responsibility is to deliver to artist, and return to the site and install.
- For the purposes of laying out the trees and path, Vista provided a grid, but if the contractor has other methods, then contact Vista to discuss. Vista is willing to also provide distance and bearing legs on trees if that method is preferred.
- The trail in the pollinator zone will be centerline flagged by Vista, if sidewalk to use grid method, staking of centerline first to be approved on-site by Vista once in place.
- Sidewalk and handicap space and ramp features are not part of this scope



Additional signature Date  
Landscape contractor to sign acknowledging they have read and understand all plans, material specifications and call items to be done.



Vista Planning & Design  
Landscape Architecture  
Master Planning

E. Mitchell Wright ASLA, AICP, LEED AP  
19 Roger Street, CT  
West Lake Hills, Texas 78746  
(512) 673-5274  
info@vistaplanningdesign.com

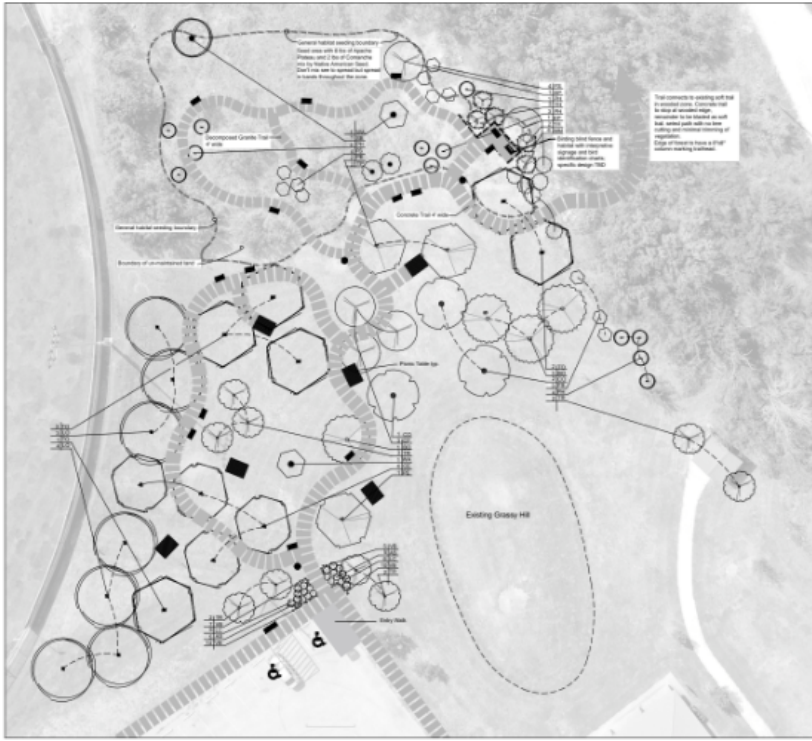
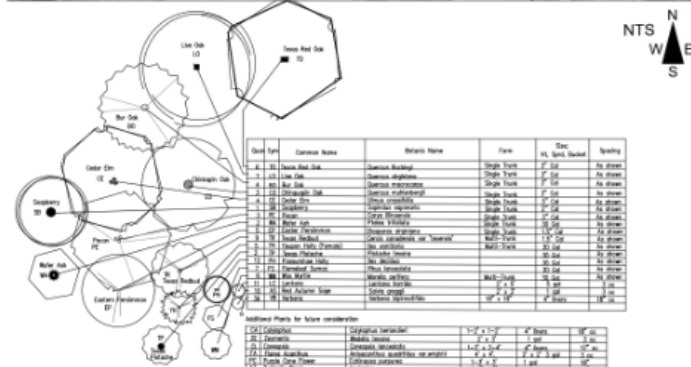
Bill and Lila Senter Memorial  
Arboretum and Picnic Area  
Kirby Lake Park, Abilene, Texas



Cover  
sheet number



# General Information



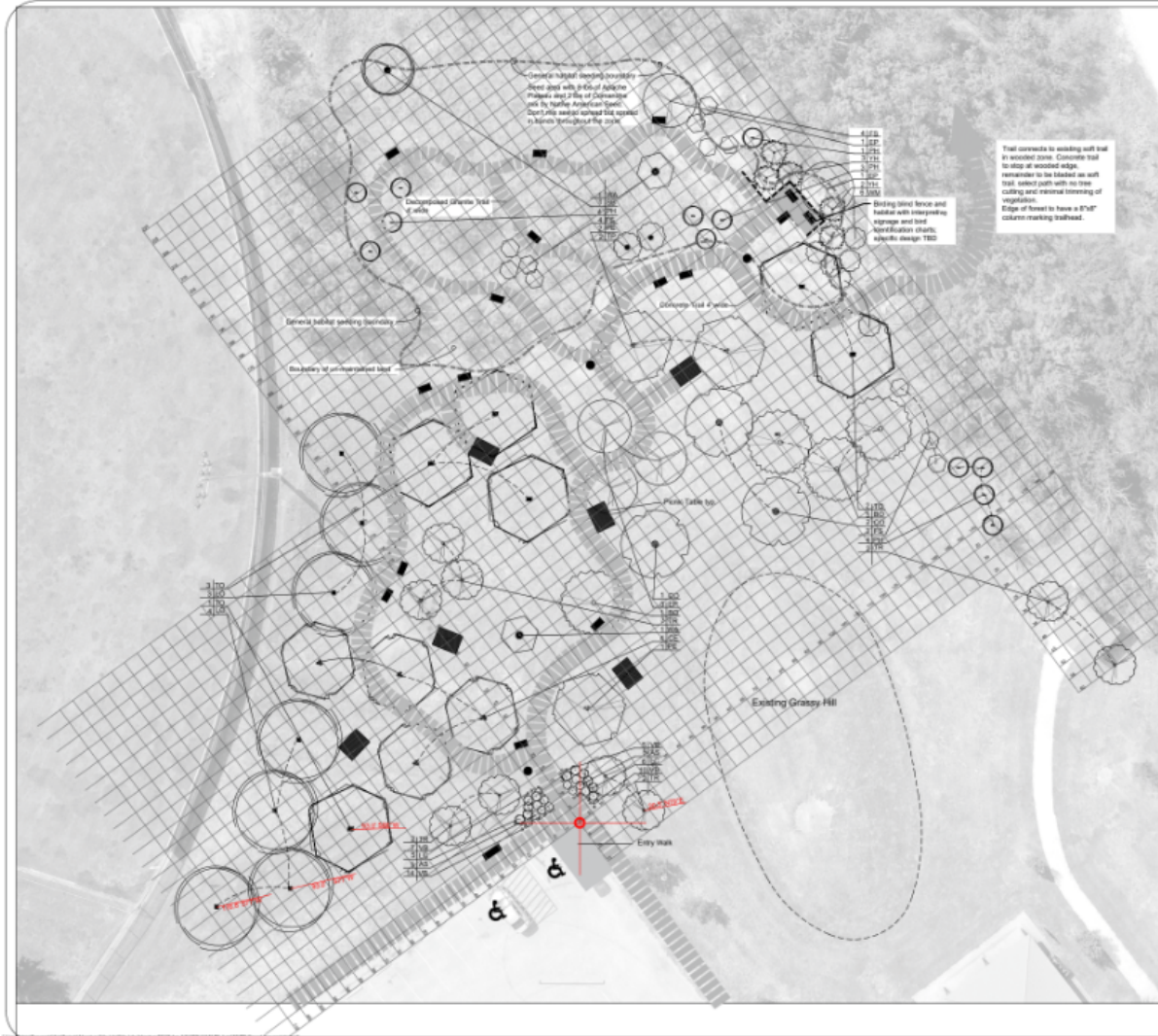
Vista Planning & Design  
 19000 North Loop West, Suite 1000  
 Houston, Texas 77058  
 E. Michael Wright ASLA, ACP, LEED AP  
 19000 North Loop West, Suite 1000  
 Houston, Texas 77058  
 281.461.1111  
 vista@vistaplanning.com

Bill and Lila Senter Memorial  
 Arboretum and Picnic Area  
 Kirby Lake Park, Abilene, Texas

L1  
 sheet number



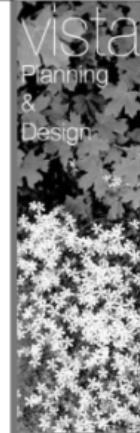
# General Information



This plan is not to scale and is to be used as a reference for the location of general elements, plants, walk locations, etc.

The grid is to side in the location of trees and pathway. If an alternate location methodology is preferred then Vista can provide bearing and distance tags on each tree. Discuss with Vista the preferred method.

Examples of bearing and distance tags can be seen at the south most trees near 0.0 the center point of location.



Vista Planning & Design  
Landscape Architecture  
Site Planning  
Master Planning

E. Michael Wright ASLA, ACP, LEED AP  
19 Super Shook Dr., Texas 78746  
(512) 674-5274  
info@vistaplanningdesign.com

Bill and Lila Senter Memorial  
Arboretum and Picnic Area  
Kitty Lake Park, Abilene, Texas



L2  
sheet number



Landscape Architecture is a high-visibility profession. We have used and will continue to use the best materials and methods available to ensure the highest quality of work.

Landscape Plan Layout Details NTS





# General Information

Taylor County  
 Laboratory Number: 678559  
 Customer Sample ID: Kirby Lake  
 Crop Grown: SHADE TREES  
 Area Represented: 2178 sqft

Analysis	Results	CL*	Units	Color	Year	Low	Med	High	Very High	Very Excess	Nutrient Recommended
Conductivity	140	(-)	umhos/cm								None
Nitrate-N	3	(-)	ppm**								1.3 lbs N/1000sqft
Phosphorus	9	(50)	ppm								2.4 lbs P2O5/1000sqft
Potassium	416	(175)	ppm								8 lbs K2O/1000sqft
Calcium	6,466	(150)	ppm								8 lbs Ca/1000sqft
Magnesium	389	(50)	ppm								8 lbs Mg/1000sqft
Sulfur	42	(13)	ppm								8 lbs S/1000sqft
Sodium	27	(-)	ppm								
Zinc											
Manganese											
Copper											
Boron	1.81	(1.30)	ppm								
Limestone Requirement											8.00 lbs/1000sqft

Additional Note:  
 Since soil report shows a deficiency in nitrogen in the soil, MicroLife Multi Purpose 6-2-4 will be added to the surface of landscape and tree planting area (not existing lawn except around trees) as specified in the soil nutrient chart at the rate of 10 lbs/ 1000 sqft. Do not use in the potting garden but only in the area of the proposed trees and smaller landscape in the mowed lawn area.

### Soil Amendment Chart

Minerals & Nutrients	Application Rate	Comments
Soil Rock Phosphate	50 lbs/1000 sqft	1/2 the rate if phosphorus adequate per soil test
Sulfur	5 lbs/1000 sqft	Double rate if pH is too high per soil test
MicroLife Multi Purpose 6-2-4	10 lbs/1000 sqft	Top dressing after all soil landscape areas are installed.

### Application

- Apply 1/2" of fully screened organic compost free of weed seeds, 1 lb of pelleted gypsum, 1 lb of MicroLife Multi Purpose Granular Organic Fertilizer, 1 lb of soil rock phosphate, over a 10' diameter circle around all tree planting locations and install to the top 6" of bare area. This is to be done after the tree locations that are staked for better have been approved.
- At tree planting, add 1/2 pound of MicroLife Multi Purpose Granular Organic Fertilizer and 1/2 lb of soil rock phosphate to the backfill, spread thoroughly over to backfilling.
- Backfill to the collar and finish with organic compost 4"; Soil: Compacted, Matted Through.

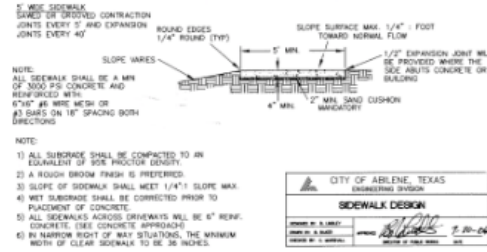
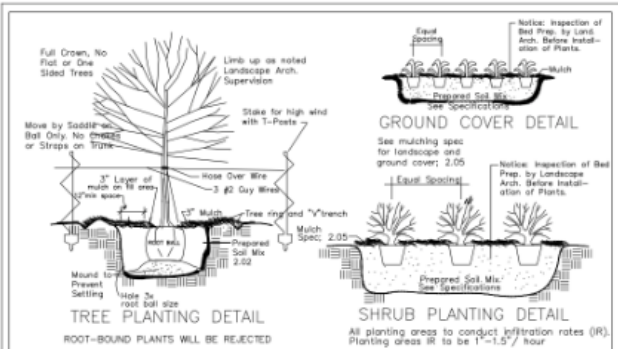
### Products Schedule

Code	Product Code	Manufacturer	Class	Item Description	Color	Package Size	Notes
1	1000	1000	1000	1000	1000	1000	1000

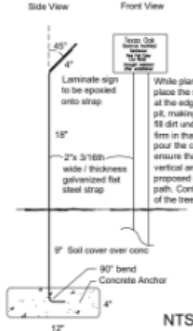
Revision: 1 (8/22/2014)

The Data Bench will have 2 concrete surface mounted benches while the remaining benches will be ground mounted. Bench can be placed on rebar concrete pad as extension of sidewalk and mounted with "L" brackets to the post.

### Furniture Schedule



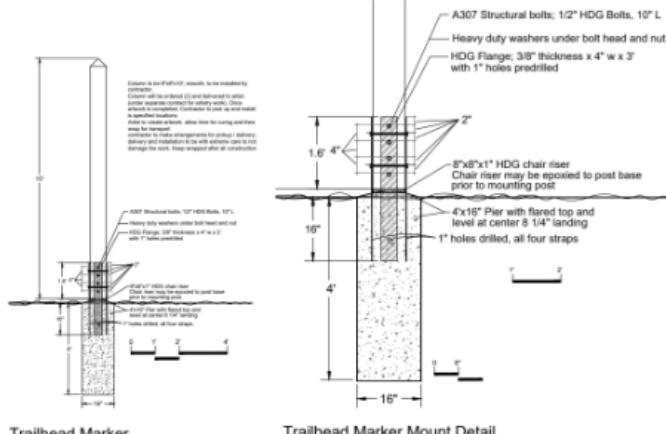
City of Abilene Standard Sidewalk Specification



Plant Identification Marker

Texas Oak  
 Quercus buckleyi  
 Deciduous  
 Red Fall Color  
 Low Water  
 Drought resistant after established

5"



Trailhead Marker

Trailhead Marker Mount Detail

Plant Identification Plaque



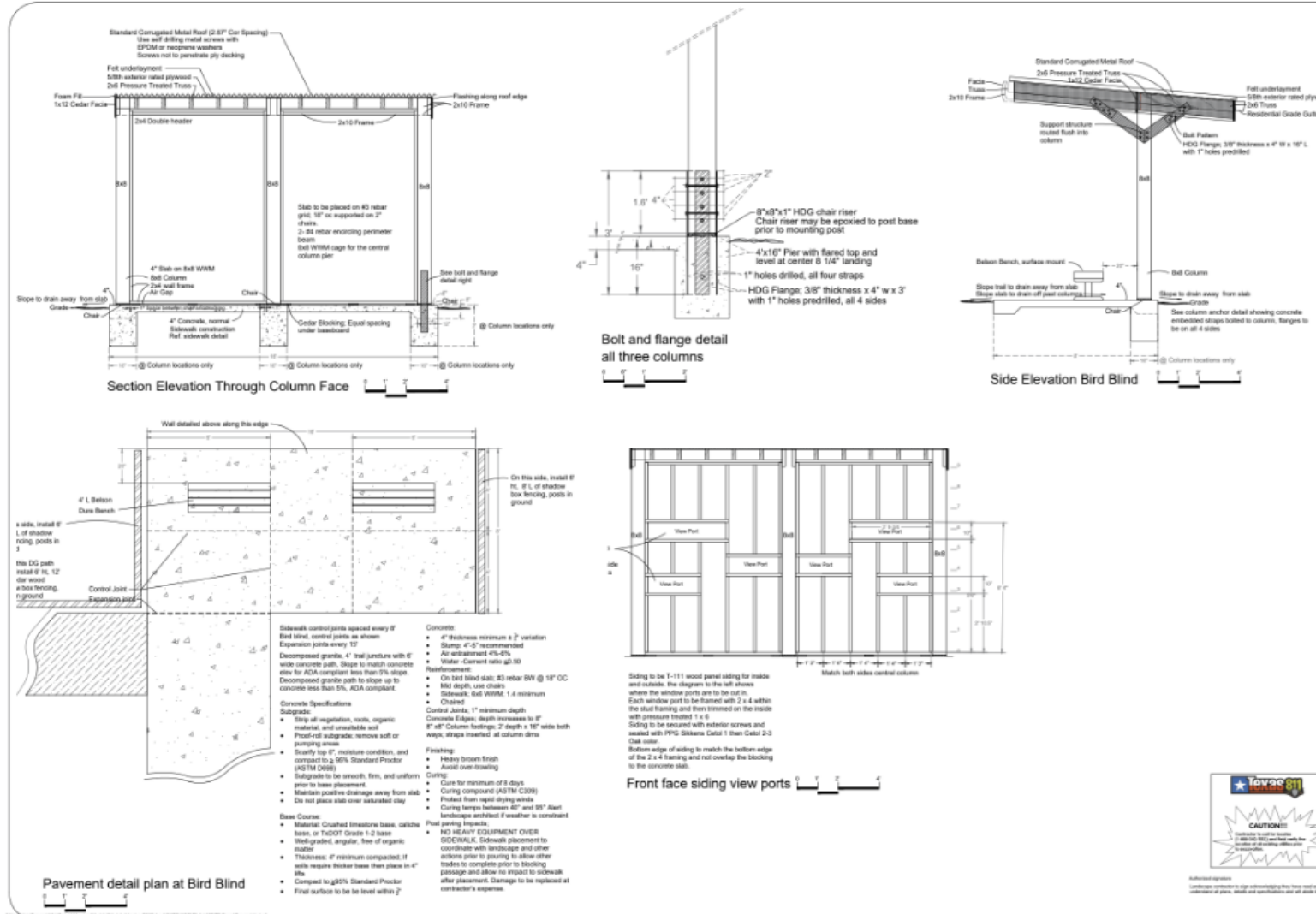
Vista Planning & Design  
 Landscape Architecture  
 Master Planning  
 E. Mikovitz Wright ASLA, AICP, LEED AP  
 15 Sugar Shack Dr.  
 West Lake Hills, Texas 78746  
 817.210.1400  
 info@vistaplanningdesign.com

Bill and Lila Senter Memorial  
 Arboretum and Picnic Area  
 Kirby Lake Park, Abilene, Texas

L3  
 sheet number



# General Information



**Vista Planning & Design**  
Landscape Architecture  
Master Planning

E. Michael Wright ASLA, AICP, LEED AP  
19 Sugar Shack Dr.  
West Lake Hills, Texas 78146  
info@vistaplanningdesign.com

**Bill and Lila Santer Memorial  
Arboretum and Picnic Area**  
Kirby Lake Park, Abilene, Texas

**L4**  
sheet number



# Parks Sports League Operations

PAST - PRESENT - FUTURE





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## HISTORICAL CONTEXT: PAST

- City Parks and Sports League partnership operations have been in place for a long period of time operating under a City/Recreational Model.
- Some of the benefits have included:
  - Limited city financial responsibility
  - Reliance on league volunteerism
  - Lower intensity competition, more leisurely
  - Accessibility regardless of skill level
- The working relationship between the Leagues and Parks Staff has been amicable

# PAST

- Abilene's population has grown modestly by 9.5% in the last 25 years, currently standing at an estimated 130,500, with 21,600 between 5-17 years of age
- City staff levels have decreased while demand has increased.
- Leagues were developed in a recreational environment, which have evolved to be more select and competitively structured than recreational. (Especially softball)
- Participation was primarily inter-city players and over time has drawn an increase in players from outside of Abilene.
- League volunteerism was a resource that supported Parks Staff placing more responsibilities on the boards to continue operations and complex maintenance.



# PRESENT

- Parks has evolved into a hybrid City/Recreational and League Partnership Model.
- League contract duration is nearly the full calendar year (Feb.-Dec.) with shared responsibilities throughout the year.
- The Division of Labor includes:
  - Parks Division Staff – Facility Maintenance, Field Mowing, Irrigation, Scoreboards, and Other Related Issues
  - League – Scheduling, Play management, Field preparations, Marking, Litter, Janitorial, Etc.
- Value-added services provided by the City includes in-kind utilities (Water/Electric/Trash) and 5,963 hours of labor provided over a 3-year average of, equaling 2.6 Full-Time staff annually.



# PRESENT

- An estimated 15-20 % of kids are shown to participate in youth baseball/softball, estimating the current number in this population range between 3,240-4,320
- City of Abilene participant totals in 2025 for youth baseball and softball was 2,732, less than the estimated minimum.
- Participant data highlights a trend in increased teams/players from outside the City, currently at 50%.



# WHAT HAS CHANGED

- The financial responsibility for the city's in-kind services has increased due to rising costs, as well as the implementation of free large trash containers and disposal, a league's grant project budget component, and increased unapproved water and electricity utility usage, among other things.
- Parks Staff analysis has revealed a change over time.
  - League Play
  - Select/Travel Play
  - Tournaments



# EVOLUTION OF SPORTS

- Year-round sports creates need for League access to facilities, at times on demand, limiting access to residents' use of facilities.
- Parks Staff and League(s) relationships have been strained by the city's inability to respond to demands created by continuous use of facilities.
- This has led to elevated expectations regarding facility access and service levels.
- Contract violations has become a frequent occurrence on issues regarding unauthorized use and utility usage, due to failed acknowledgement of City/Recreational Model limitations.
- A player facility use fee was implemented to offset growing costs, leading to League resistance on the purpose of the fee.



# Tournaments

- Increase in number of tournaments
- Tournament Revenue
- Nonprofit vs for profit
- Overuse of fields
- Un-schedule tournaments
- Advertising of un-approved tournaments





# FUTURE

- Abilene's Population is slated to grow by 10,000 – 12,000 in the next 5 years, potentially bringing the total population between 140,000 – 142,000
- With the estimated 15-20 % of kids participating in youth baseball/softball, this growth could raise the future number of participants between 3,450 - 4,800
- These numbers are all dependent on how the future unfolds
- Currently evaluating what the best path forward is for the City of Abilene and its community
- Current model?
- City model?
- League model?



# FUTURE

- Today - Feedback from Parks Board
- Staff recommendation – Parks Board establish a Task Force
  - To review current practices and other city models,
  - Hear from the leagues directly, and
  - Make recommendations
- Explore new models for implementation in 2027



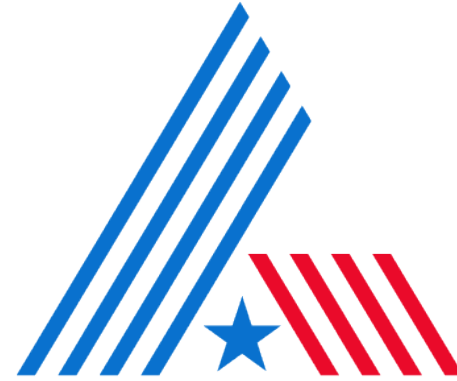
# Upcoming Parks and Recreation Board Meetings





# Upcoming Meetings

- March – Infrastructure
- April – Possible Date Changes



**PARKS &  
RECREATION**  
CITY OF ABILENE TEXAS



Grant opportunities exist and should be explored for many of these improvements, particularly trail system development, helping to reduce the required contributions by the City of Abilene. Additionally, partnerships, including for fundraising efforts, should be considered as part of any improvement, particularly those with substantial capital costs.

The top 10 improvements for existing and new facilities are listed below:

### Existing Park/Facilities

1. ADA access
2. Playgrounds
3. Restrooms
4. Shade
5. Community/recreation centers
6. Baseball/softball fields
7. Paved park trails
8. Picnic shelters
9. Roads/parking lots (Public Works)
10. Signage

### New Development

1. Field complex (soccer, lacrosse, etc.)
2. Paved park trails
3. Waterfront amenities
4. Pickleball courts
5. Amphitheater
6. Dog park (relocation/expansion)
7. Adventure Cove expansion
8. Natural surface trails
9. Southwest community park
10. Neighborhood parks (additional)

**Table 5.2: Capital Improvements by Park**

Park Name	Term	0-2 Years	3-5 Years	6-10 Years	Total
<b>Systemwide</b>					
1 ADA accessibility assessment	Short	\$25,000	\$0	\$0	\$25,000
2 Consistent signage at all park entrances	Short	In Progress	In Progress	In Progress	In Progress
3 Field complex - multipurpose/flat fields	Short	Partnership	Partnership	Partnership	Partnership
4 Wayfinding plan & signage for all parks	Short	\$185,000	\$0	\$0	\$185,000
5 Landscaping plan & implementation	Short/Ongoing	\$103,000	\$103,000	\$103,000	\$309,000
6 Drinking fountains/bottle fillers throughout system	Ongoing	\$74,000	\$74,000	\$74,000	\$222,000
7 Roads/parking lot resurfacing (coordinate with PW)	Ongoing	Partnership	Partnership	Partnership	Partnership
8 Security cameras & lighting throughout system	Ongoing	\$41,000	\$41,000	\$41,000	\$123,000
9 Site furnishing upgrades at all existing parks (trash & recycling receptacles/bike racks/pet waste stations)	Ongoing	\$82,000	\$82,000	\$82,000	\$246,000
10 Wi-Fi hotspots	Ongoing	\$41,000	\$41,000	\$41,000	\$123,000
11 Amphitheater (large) along Cedar Creek Trail	Medium	\$0	\$370,000	\$0	\$370,000
12 Community gardens (location TBD)	Medium	\$0	\$62,000	\$0	\$62,000
13 New neighborhood parks	Long	\$0	\$0	\$1,232,000	\$1,232,000
14 Recreation center - south Abilene	Long	\$0	\$0	\$14,000,000	\$14,000,000
15 Southwest community park	Long	\$0	\$0	\$6,160,000	\$6,160,000
16 Splash pad - south Abilene	Long	\$0	\$0	\$739,000	\$739,000
<b>Systemwide Total</b>		<b>\$551,000</b>	<b>\$773,000</b>	<b>\$22,472,000</b>	<b>\$23,796,000</b>
<b>Neighborhood Parks</b>					
<b>Alameda Park</b>					
1 ADA walkways - 6' wide	Medium	\$0	\$16,000	\$0	\$16,000
2 Shelter replacement	Medium	\$0	\$74,000	\$0	\$74,000
3 Neighborhood determined/placemaking feature	Long	\$0	\$0	\$62,000	\$62,000
4 Playground replacement	Long	\$0	\$0	\$185,000	\$185,000
<b>Project Total</b>		<b>\$0</b>	<b>\$90,000</b>	<b>\$247,000</b>	<b>\$337,000</b>
<b>C.W. Gill Park</b>					
1 Park master plan	Short	\$10,000	\$0	\$0	\$10,000
2 ADA walkways - 6' wide	Short	\$20,000	\$0	\$0	\$20,000
3 Shelter replacement	Medium	\$0	\$74,000	\$0	\$74,000
4 Restroom	Medium	\$0	\$493,000	\$0	\$493,000
5 Trail - 10' wide - paved perimeter	Medium	\$0	\$300,000	\$0	\$300,000
6 Footbridges	Medium	\$0	\$62,000	\$0	\$62,000
7 Neighborhood determined/placemaking feature	Long	\$0	\$0	\$62,000	\$62,000
<b>Project Total</b>		<b>\$30,000</b>	<b>\$929,000</b>	<b>\$62,000</b>	<b>\$1,021,000</b>
<b>Carver Park</b>					
1 ADA walkways - 6' wide	Short	\$14,000	\$0	\$0	\$14,000
2 GV Daniels Recreation Center replacement	Short	\$13,961,000	\$0	\$0	\$13,961,000
3 Playground surface repair	Short	\$50,000	\$0	\$0	\$50,000
<b>Project Total</b>		<b>\$14,025,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$14,025,000</b>



**Table 5.2: Capital Improvements by Park (Continued)**

Park Name	Term	0-2 Years	3-5 Years	6-10 Years	Total
<b>Fannin Park</b>					
1 Upgrade park or remove from system	Medium	N/A	N/A	N/A	N/A
2 Park master plan	Short	\$10,000	\$0	\$0	\$10,000
3 ADA walkways - 6' wide	Medium	\$0	\$12,000	\$0	\$12,000
4 Basketball court improvements (goals & paint)	Medium	\$0	\$25,000	\$0	\$25,000
5 Picnic shelter (medium)	Medium	\$0	\$62,000	\$0	\$62,000
6 Trail improvement - resurface (crushed stone) 1,155 LF x 10' wide	Medium	\$0	\$57,000	\$0	\$57,000
7 Backstops - remove	Long	\$0	\$0	\$5,000	\$5,000
8 Neighborhood determined/placemaking feature	Long	\$0	\$0	\$62,000	\$62,000
9 Playground replacement	Long	\$0	\$0	\$185,000	\$185,000
<b>Project Total</b>		<b>\$10,000</b>	<b>\$156,000</b>	<b>\$252,000</b>	<b>\$418,000</b>
<b>Kirby Park</b>					
1 Park master plan	Short	\$10,000	\$0	\$0	\$10,000
2 ADA walkways - 6' wide	Short	\$8,000	\$0	\$0	\$8,000
3 Dog park (potential location)	Short	\$185,000	\$0	\$0	\$185,000
4 Shelter replacement	Short	\$62,000	\$0	\$0	\$62,000
5 Canoe/kayak put-in/take-out, fishing access	Medium	\$0	\$123,000	\$0	\$123,000
6 Trailhead - small shelter & bike repair station	Medium	\$0	\$37,000	\$0	\$37,000
7 Restroom building	Long	\$0	\$0	\$370,000	\$370,000
<b>Project Total</b>		<b>\$265,000</b>	<b>\$160,000</b>	<b>\$370,000</b>	<b>\$795,000</b>
<b>Nelson Wilson Park</b>					
1 Park master plan	Short	\$10,000	\$0	\$0	\$10,000
2 ADA walkways - 6' wide	Short	\$119,000	\$0	\$0	\$119,000
3 Basketball court - upgrade to full court	Medium	\$0	\$92,000	\$0	\$92,000
4 Trail - perimeter loop	Medium	\$0	\$240,000	\$0	\$240,000
5 Neighborhood determined/placemaking feature	Long	\$0	\$0	\$62,000	\$62,000
<b>Project Total</b>		<b>\$129,000</b>	<b>\$332,000</b>	<b>\$62,000</b>	<b>\$523,000</b>
<b>Reyes Flores Park</b>					
1 Park master plan	Short	\$10,000	\$0	\$0	\$10,000
2 ADA walkways - 6' wide	Short	\$20,000	\$0	\$0	\$20,000
3 Basketball court improvements (goals, paint, lights to LED)	Short	\$62,000	\$0	\$0	\$62,000
4 Playground replacement	Short	\$185,000	\$0	\$0	\$185,000
5 Backstop - replace or remove	Medium	\$0	\$12,000	\$0	\$12,000
6 Trail - perimeter loop	Medium	\$0	\$234,000	\$0	\$234,000
7 Neighborhood determined/placemaking feature	Long	\$0	\$0	\$62,000	\$62,000
<b>Project Total</b>		<b>\$277,000</b>	<b>\$246,000</b>	<b>\$62,000</b>	<b>\$585,000</b>
<b>Valentine Park</b>					
1 Splash pad (approved)	In progress	In progress	In progress	In progress	In progress
2 Picnic shelter (medium)	In progress	In progress	In progress	In progress	In progress
3 ADA walkways - 6' wide	Short	\$35,000	\$0	\$0	\$35,000
4 Playground replacement	Long	\$0	\$0	\$185,000	\$185,000
<b>Project Total</b>		<b>\$35,000</b>	<b>\$0</b>	<b>\$185,000</b>	<b>\$220,000</b>
<b>Vaughn Camp Park</b>					
1 Playground replacement	In progress	In progress	In progress	In progress	In progress
2 Park master plan	Short	\$10,000	\$0	\$0	\$10,000
3 ADA walkways - 6' wide	Short	\$40,000	\$0	\$0	\$40,000
4 Backstop - replace or remove	Medium	\$0	\$12,000	\$0	\$12,000
5 Picnic shelter (medium)	Medium	\$0	\$99,000	\$0	\$99,000
6 Neighborhood determined/placemaking feature	Long	\$0	\$0	\$62,000	\$62,000
<b>Project Total</b>		<b>\$50,000</b>	<b>\$111,000</b>	<b>\$62,000</b>	<b>\$223,000</b>
<b>Community Parks</b>					
<b>Arthur Sears Park</b>					
1 Trail - replacement (complete)	Complete	Complete	Complete	Complete	Complete
2 Park master plan	Short	\$20,000	\$0	\$0	\$20,000
3 ADA walkways - 6' wide	Short	\$10,000	\$0	\$0	\$10,000
4 Cesar Chavez Recreation Center replacement	Short	\$13,918,000	\$0	\$0	\$13,918,000
5 Courts - basketball/tennis - recoat/restripe	Medium	\$0	\$74,000	\$0	\$74,000
6 Field improvements - paint fencing, bleacher upgrades, covered dugouts at Farm Division	Medium	\$123,000	\$123,000	\$0	\$246,000
7 Playground replacement	Medium	\$0	\$300,000	\$0	\$300,000
8 Restroom building at playground - renovate/replace	Medium	\$0	\$493,000	\$0	\$493,000
9 Shelter renovation at playground/tennis - roof/tables/paint	Medium	\$0	\$62,000	\$0	\$62,000
10 Covered rental areas at splash pad (additional)	Long	\$0	\$0	\$74,000	\$74,000
<b>Project Total</b>		<b>\$14,071,000</b>	<b>\$1,052,000</b>	<b>\$74,000</b>	<b>\$15,197,000</b>



**Table 5.2: Capital Improvements by Park (Continued)**

Park Name	Term	0-2 Years	3-5 Years	6-10 Years	Total
<b>Cal Young Park</b>					
1 Park master plan (combined w/ MLK)	Short	\$30,000	\$0	\$0	\$30,000
2 ADA walkways - 6' wide	Short	\$40,000	\$0	\$0	\$40,000
3 Lake dredging	Short	TBD	TBD	TBD	TBD
4 Hockey rink - upgrade/replace/expand, potentially cover	Medium	TBD	TBD	TBD	TBD
5 Picnic shelter near playground	Medium	\$0	\$99,000	\$0	\$99,000
6 Restroom building replacement (near playground)	Medium	\$0	\$493,000	\$0	\$493,000
7 Restroom building replacement (between baseball & hockey)	Medium	\$0	\$370,000	\$0	\$370,000
8 Trail - paved loop w/ linkage to Cedar Creek Trail & MLK Park	Medium	\$0	\$678,000	\$0	\$678,000
9 Field improvements (lower field) - backstop/bleachers replacement	Long	\$0	\$0	\$250,000	\$250,000
10 Fishing pier (ADA)	Long	\$0	\$0	\$62,000	\$62,000
11 Trails - natural surface (wooded area)	Long	\$0	\$0	\$99,000	\$99,000
<b>Project Total</b>		<b>\$70,000</b>	<b>\$1,640,000</b>	<b>\$411,000</b>	<b>\$2,121,000</b>
<b>Cobb Park</b>					
1 Restroom/shelter building replacement (approved)	In progress	In progress	In progress	In progress	In progress
2 ADA walkways - 6' wide	Short	\$16,000	\$0	\$0	\$16,000
3 Shelter at playground	Short	\$74,000	\$0	\$0	\$74,000
4 Cobb Park Recreation Center - renovate or replace	Long	\$15,000,000	\$0	\$0	\$15,000,000
5 Trail - paved loop (concrete)	Long	\$0	\$0	\$296,000	\$296,000
<b>Project Total</b>		<b>\$15,090,000</b>	<b>\$0</b>	<b>\$296,000</b>	<b>\$15,386,000</b>
<b>Grover Nelson Park</b>					
1 Trail - replacement (complete)	Complete	In progress	In progress	In progress	In progress
2 ADA walkways - 6' wide	Short	\$8,000	\$0	\$0	\$8,000
3 Fitness area/obstacle course (outdoor)	Medium	\$0	\$99,000	\$0	\$99,000
4 Lake dredging	Medium	TBD	TBD	TBD	TBD
5 Playground replacement - fully accessible w/ shade	Medium	\$0	\$500,000	\$0	\$500,000
6 Restroom/shelter (C) improvements - renovate/replace	Medium	\$0	\$370,000	\$0	\$370,000
7 Field improvements - replace entire complex w/ restrooms	Long	\$0	\$0	\$3,696,000	\$3,696,000
8 Nelson Park Festival Gardens relocation?	Long	Partnership	Partnership	Partnership	Partnership
<b>Project Total</b>		<b>\$8,000</b>	<b>\$969,000</b>	<b>\$3,696,000</b>	<b>\$4,673,000</b>
<b>Johnson Park</b>					
1 Waterfront Plan (evaluate potential lake amenities)	Short	TBD	TBD	TBD	TBD
2 ADA walkways - 6' wide	Short	\$32,000	\$0	\$0	\$32,000
3 Trail along lake shore w/ ADA access to fishing pier	Short/Medium	\$160,000	\$160,000	\$0	\$320,000
4 Swinging benches along trail	Medium	\$0	\$123,000	\$0	\$123,000
5 Playground expansion - larger & fully accessible, nature play elements & shade	Medium	\$0	\$370,000	\$0	\$370,000
<b>Project Total</b>		<b>\$192,000</b>	<b>\$653,000</b>	<b>\$0</b>	<b>\$845,000</b>
<b>Lake Kirby Park &amp; Nature Play Area</b>					
1 ADA walkways - 6' wide	Short	\$56,000	\$0	\$0	\$56,000
2 Field improvements (Fields #-5-8) - fencing repair, pavement repair, turf repair	Short	\$986,000	\$0	\$0	\$986,000
3 Parking improvements/expansion	Short	\$862,000	\$0	\$0	\$862,000
4 Trail - paved loop around lake (10k)	Short	\$8,921,000	\$0	\$0	\$8,921,000
5 Swinging benches along trail	Medium	\$0	\$246,000	\$0	\$246,000
6 Field expansion - 2-4 additional fields	Medium	\$0	\$2,464,000	\$0	\$2,464,000
7 Fitness area/obstacle course (outdoor)	Medium	\$0	\$99,000	\$0	\$99,000
8 Shade at playground	Medium	\$0	\$49,000	\$0	\$49,000
9 Trail - nature - formalize/improve	Medium	\$0	\$123,000	\$0	\$123,000
10 Nature center	Long	Partnership	Partnership	Partnership	Partnership
<b>Project Total</b>		<b>\$10,825,000</b>	<b>\$2,981,000</b>	<b>\$0</b>	<b>\$13,806,000</b>
<b>Oscar Rose Park</b>					
1 Park master plan	Short	\$20,000	\$0	\$0	\$20,000
2 ADA walkways - 6' wide	Short	\$48,000	\$0	\$0	\$48,000
3 Amphitheater improvements - walks, new shell with roof, drainage, electric power	Short	\$370,000	\$0	\$0	\$370,000
4 Tennis court spectator shade covers - paint frame	Short	\$43,000	\$0	\$0	\$43,000
5 Pickleball courts (8) - south of tennis, remove ballfield	Medium	\$0	\$431,000	\$0	\$431,000
6 Pickleball court shade cover (2)	Medium	\$0	\$74,000	\$0	\$74,000
7 Restroom building (skate park) improvements - renovate	Medium	\$0	\$62,000	\$0	\$62,000
8 Skate park renovation	Medium	\$0	\$616,000	\$0	\$616,000
9 Trail - replace/upgrade to 10' concrete	Medium	\$0	\$240,000	\$0	\$240,000
10 Basketball court improvements - replace goal, upgrade to full court	Medium	\$0	\$49,000	\$0	\$49,000
11 Adventure Cove expansion (deep water)	Long	\$0	\$0	\$5,500,000	\$5,500,000
12 Tennis court shade cover (2)	Long	\$0	\$0	\$148,000	\$148,000
<b>Project Total</b>		<b>\$481,000</b>	<b>\$1,472,000</b>	<b>\$5,648,000</b>	<b>\$7,601,000</b>



**Table 5.2: Capital Improvements by Park (Continued)**

Park Name	Term	0-2 Years	3-5 Years	6-10 Years	Total
<b>Redbud Park</b>					
1 Trail - replacement (complete)	Complete	In progress	In progress	In progress	In progress
2 Playground repairs	Short	\$62,000	\$0	\$0	\$62,000
3 ADA walkways - 6' wide	Short	\$56,000	\$0	\$0	\$56,000
4 Backstops at practice fields - upgrade/replace	Medium	\$0	\$250,000	\$0	\$250,000
5 Covered rental areas at splash pad	Medium	\$0	\$74,000	\$0	\$74,000
6 Field improvements (NE Little League field) - pavement, paint fencing	Medium	\$0	\$62,000	\$0	\$62,000
7 Restroom building (playground) - renovate or replace	Medium	\$0	\$500,000	\$0	\$500,000
8 Picnic shelter near playground	Long	\$0	\$0	\$99,000	\$99,000
9 Prairie dog enclosure improvements	Long	\$0	\$0	\$129,000	\$129,000
<b>Project Total</b>		<b>\$118,000</b>	<b>\$886,000</b>	<b>\$228,000</b>	<b>\$1,232,000</b>
<b>Scarborough Park</b>					
1 Park master plan	Short	\$20,000	\$0	\$0	\$20,000
2 ADA walkways - 6' wide	Short	\$64,000	\$0	\$0	\$64,000
3 Backstops/playfields - remove/replace backstop/fencing/bleachers	Short	\$62,000	\$0	\$0	\$62,000
4 Trail - paved loop	Short	\$800,000	\$0	\$0	\$800,000
5 Field improvements (all 3 fields) - replace backstop/fencing/dugouts	Medium	\$0	\$370,000	\$0	\$370,000
6 Fitness area/obstacle course (outdoor)	Medium	\$0	\$99,000	\$0	\$99,000
7 Picnic shelter - new at playground	Medium	\$0	\$99,000	\$0	\$99,000
8 Picnic shelter improvements - paint, replace tables	Medium	\$0	\$18,000	\$0	\$18,000
9 Basketball court improvements - replace goal, upgrade to full court	Long	\$0	\$0	\$62,000	\$62,000
<b>Project Total</b>		<b>\$946,000</b>	<b>\$586,000</b>	<b>\$62,000</b>	<b>\$1,594,000</b>
<b>Sea Bee Park</b>					
1 Waterfront Plan (evaluate potential lake amenities)	Short	\$25,000	\$0	\$0	\$25,000
2 ADA walkways - 6' wide	Short	\$20,000	\$0	\$0	\$20,000
3 RC plane shelter - paint/new signage	Short	\$31,000	\$0	\$0	\$31,000
4 Canoe/kayak put-in/take-out (ADA)	Medium	\$0	\$123,000	\$0	\$123,000
5 Fishing pier (ADA)	Medium	\$0	\$37,000	\$0	\$37,000
6 Picnic shelter replacements - small (closer to water)	Medium	\$0	\$62,000	\$0	\$62,000
7 Wetland trail/boardwalk	Long	\$0	\$0	\$185,000	\$185,000
<b>Project Total</b>		<b>\$76,000</b>	<b>\$222,000</b>	<b>\$185,000</b>	<b>\$483,000</b>
<b>Stevenson Park</b>					
1 ADA walkways - 6' wide	Short	\$4,000	\$0	\$0	\$4,000
2 Trail - paved loop	Short	\$529,000	\$0	\$0	\$529,000
3 Picnic shelter on west side w/ outdoor games	Long	\$0	\$0	\$99,000	\$99,000
<b>Project Total</b>		<b>\$533,000</b>	<b>\$0</b>	<b>\$99,000</b>	<b>\$632,000</b>
<b>Will Hair Park</b>					
1 Park master plan	Short	\$20,000	\$0	\$0	\$20,000
2 ADA walkways - 6' wide	Short	\$24,000	\$0	\$0	\$24,000
3 Restroom building replacement, add sewer	Short	\$493,000	\$0	\$0	\$493,000
4 Trail - paved loop, connect w/ Cedar Creek Trail	Short	\$849,000	\$0	\$0	\$849,000
5 Shelter replacements (2)	Short/Medium	\$99,000	\$99,000	\$0	\$198,000
6 Basketball court improvements - replace goals, paint court & fencing	Medium	\$0	\$62,000	\$0	\$62,000
7 Tennis/pickleball court improvements - replace net, paint court & fencing	Medium	\$0	\$62,000	\$0	\$62,000
8 Field improvements (all fields) - replace fencing & bleachers	Medium	\$0	\$493,000	\$0	\$493,000
9 Playground replacement - fully accessible	Medium	\$0	\$370,000	\$0	\$370,000
10 Erosion mitigation	Long	TBD	TBD	TBD	TBD
11 Fitness area/obstacle course (outdoor)	Long	\$0	\$0	\$99,000	\$99,000
<b>Project Total</b>		<b>\$1,485,000</b>	<b>\$1,086,000</b>	<b>\$99,000</b>	<b>\$2,670,000</b>
<b>Special Use Parks/Facilities</b>					
<b>Cedar Creek Waterway Trail</b>					
1 Trail - Implement Cedar Creek Trail Plan	In progress	In progress	In progress	In progress	In progress
<b>Project Total</b>		<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Everman Park</b>					
1 No improvements at this time	N/A	N/A	N/A	N/A	N/A
<b>Project Total</b>		<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Jackson Park</b>					
1 ADA walkways - 6' wide, access to fields and parking improvements	Short	\$16,000	\$0	\$0	\$16,000
2 Restroom/concessions building replacement	Medium	\$0	\$493,000	\$0	\$493,000
3 Field improvements (bleachers & backstops)	Medium	\$0	\$200,000	\$0	\$200,000
<b>Project Total</b>		<b>\$16,000</b>	<b>\$693,000</b>	<b>\$0</b>	<b>\$709,000</b>



**Table 5.2: Capital Improvements by Park (Continued)**

Park Name		Term	0-2 Years	3-5 Years	6-10 Years	Total
<b>MLK Park</b>						
1	Park master plan (combined w/ Cal Young)	Short	N/A	N/A	N/A	N/A
2	ADA walkways - 6' wide	Short	\$56,000	\$0	\$0	\$56,000
3	Trails - natural surface	Short	\$49,000	\$0	\$0	\$49,000
4	Field improvements (all fields) - replace fencing/bleachers/dugouts/bleacher pads	Medium	\$0	\$246,000	\$0	\$246,000
5	Disc golf extension (add to Cal Young course)	Long	Partnership	Partnership	Partnership	Partnership
6	Trail - paved w/ connection to Cal Young Park & Cedar Creek Trail	Long	\$0	\$0	\$256,000	\$256,000
<b>Project Total</b>			<b>\$105,000</b>	<b>\$246,000</b>	<b>\$256,000</b>	<b>\$607,000</b>
<b>North Park</b>						
1	Upgrade park or remove from system	N/A	N/A	N/A	N/A	N/A
1	Park master plan	Medium	\$0	\$30,000	\$0	\$30,000
2	ADA walkways - 6' wide	Long	\$0	\$0	\$26,000	\$26,000
3	Basketball half court	Long	\$0	\$0	\$35,000	\$35,000
4	Neighborhood determined/placemaking feature	Long	\$0	\$0	\$50,000	\$50,000
5	Open field area	Long	\$0	\$0	\$5,000	\$5,000
6	Parking lot	Long	\$0	\$0	\$18,000	\$18,000
7	Picnic shelter	Long	\$0	\$0	\$50,000	\$50,000
8	Playground	Long	\$0	\$0	\$150,000	\$150,000
9	Trail - paved perimeter - 8' wide	Long	\$0	\$0	\$114,000	\$114,000
<b>Project Total</b>			<b>\$0</b>	<b>\$30,000</b>	<b>\$448,000</b>	<b>\$478,000</b>
<b>South Park</b>						
1	Upgrade to neighborhood park	Short	N/A	N/A	N/A	N/A
2	Park master plan	Medium	\$0	\$30,000	\$0	\$30,000
3	ADA walkways - 6' wide	Long	\$0	\$0	\$26,000	\$26,000
4	Basketball half court	Long	\$0	\$0	\$35,000	\$35,000
5	Neighborhood determined/placemaking feature	Long	\$0	\$0	\$50,000	\$50,000
6	Picnic shelter	Long	\$0	\$0	\$50,000	\$50,000
7	Playground	Long	\$0	\$0	\$150,000	\$150,000
<b>Project Total</b>			<b>\$0</b>	<b>\$30,000</b>	<b>\$311,000</b>	<b>\$341,000</b>
<b>Southwest Drive Complex</b>						
1	Backstops - replace or remove	Short	\$25,000	\$0	\$0	\$25,000
<b>Project Total</b>			<b>\$25,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$25,000</b>
<b>University Park</b>						
1	Upgrade to neighborhood park	Short	N/A	N/A	N/A	N/A
2	Park master plan	Medium	\$0	\$30,000	\$0	\$30,000
3	ADA walkways - 6' wide	Long	\$0	\$0	\$26,000	\$26,000
4	Basketball half court	Long	\$0	\$0	\$35,000	\$35,000
5	Neighborhood determined/placemaking feature	Long	\$0	\$0	\$50,000	\$50,000
6	Open field area	Long	\$0	\$0	\$5,000	\$5,000
7	Parking lot	Long	\$0	\$0	\$18,000	\$18,000
8	Picnic shelter	Long	\$0	\$0	\$50,000	\$50,000
9	Playground	Long	\$0	\$0	\$150,000	\$150,000
10	Trail - paved perimeter - 8' wide	Long	\$0	\$0	\$194,000	\$194,000
11	Dog park (potential location)	Long	\$0	\$0	\$185,000	\$185,000
<b>Project Total</b>			<b>\$0</b>	<b>\$30,000</b>	<b>\$713,000</b>	<b>\$743,000</b>
<b>Vera Hall Minter Park</b>						
1	No improvements at this time	N/A	N/A	N/A	N/A	N/A
<b>Project Total</b>			<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>TOTAL PARKS</b>			<b>\$59,413,000</b>	<b>\$15,253,000</b>	<b>\$35,742,000</b>	<b>\$110,408,000</b>

\*Values include 10% contingency and 12% for design, engineering, bidding, construction administration, etc. (except non-construction items)



# Parks Report





# Sears Park Pavilion





# TRAPS Rodeo in Corpus Christi





# Recreation Report





# Daddy Daughter Dance

**28<sup>th</sup> Annual  
2026 Daddy Daughter Dance**

# LUAU

**Saturday, Feb 21<sup>st</sup>  
6 PM - 9 PM**

**Taylor County Coliseum  
1700 Hwy 36  
Abilene, TX 79602**

**Ticket Cost  
\$15 per person\***

**Registration**  
*Opens* Dec 1<sup>st</sup> • 8 AM  
*Closes* Feb 20<sup>th</sup> • 5 PM

\*Tickets will be sold \$20 per person at the door  
(325) 676-6217  
[abilenetx.gov/signup](http://abilenetx.gov/signup)

**PARKS & RECREATION**  
CITY OF ABILENE TEXAS

- 28<sup>th</sup> Annual 2026 Daddy Daughter Dance Luau
- Theme: Luau
- Saturday, February 21, 2026
- 6:00 PM – 9:00 PM
- Taylor County Coliseum
- Ticket Cost:
  - \$15 per person (if bought via registration)
  - \$20 per person (at the door the night of)



# Seniors Report





# International Polar Bear Day

## International Polar Bear Day



**All Day, Friday, February 27<sup>th</sup>**

Celebrate International Polar Bear Day with us! Dress in white, cozy up with some hot chocolate or apple cider, & join us for a cheerful afternoon movie *Norm from the North*.



- Friday
- February 27<sup>th</sup>
- All Day
- Movie: Norm from the North

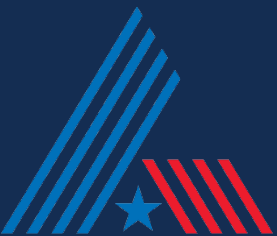
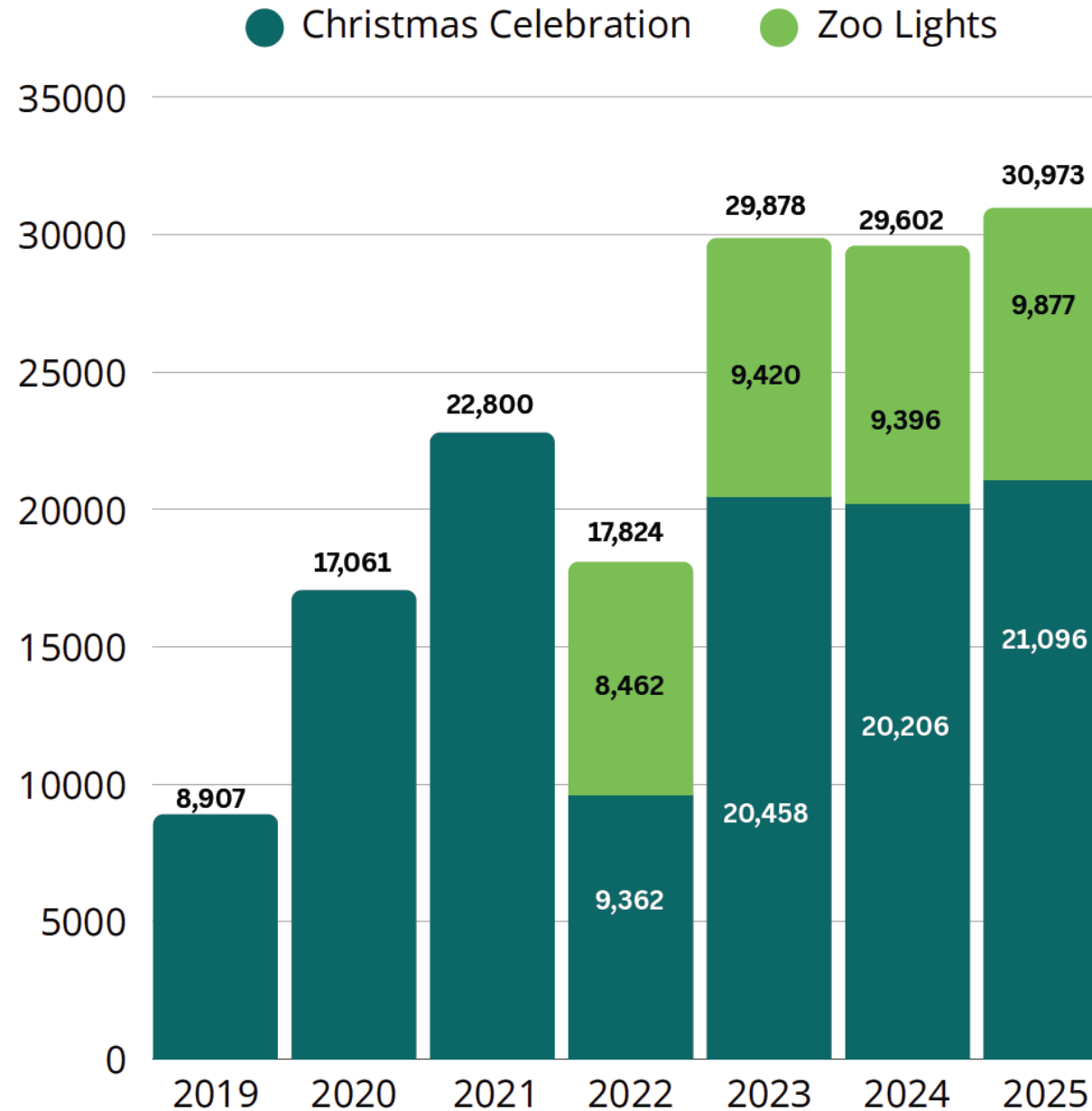


Abilene ZOO

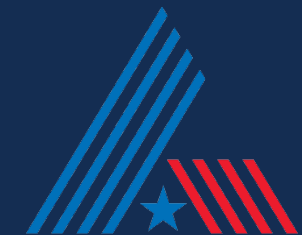


CITY OF  
**ABILENE**  
TEXAS

# Christmas Celebration Update - Attendance



# Animal News – Farewell to Uhuru



# Upcoming Event

# WILD DAYS

PRESENTED BY WHATABURGER®

LIVE SHOWS &  
WILD EXPERIENCES



MARCH  
7-15

