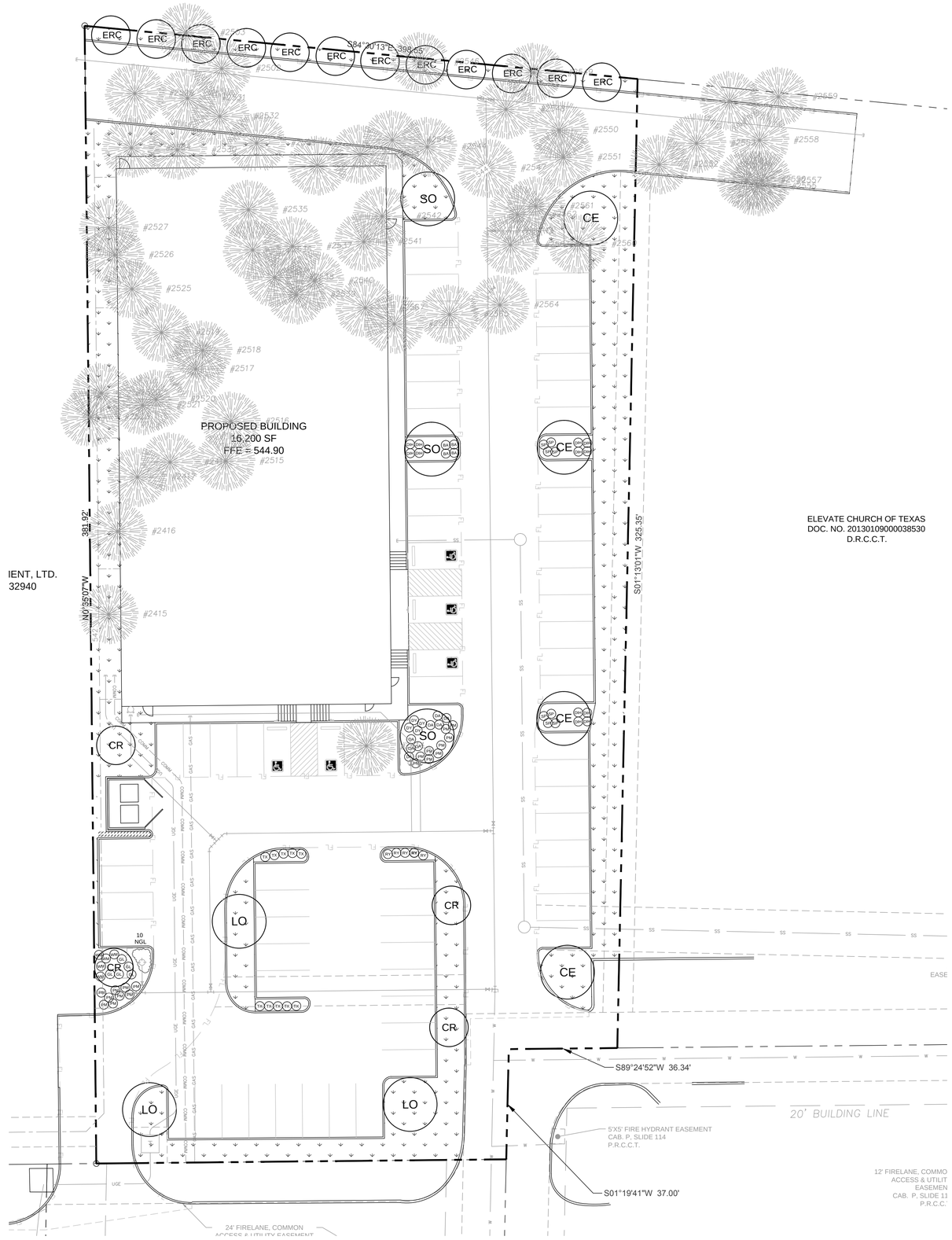

TREE LEGEND

Canopy Trees

- LO — Live Oak
- SO — Shumard Oak
- CE — Cedar Elm
- ERC — Eastern Red Cedar
- Existing non-protected trees to be removed

Ornamental Trees

- CR — White Crapemyrtle

SHRUB LEGEND

DY	Dwarf Yaupon	DIH	Dwarf Indian Hawthorne
DA	Dwarf Abelia	TX	Texas Sage
BA	Red Barberry	PM	Pink Muhly
WM	Dwarf Wax Myrtle	SP	Spiraea
RY	Red Yucca	GL	Giant Liriope
NGL	New Gold Lantana		

HATCH LEGEND

Solid Sod
Bermuda Grass

LANDSCAPE NOTES

1. The project will have an undergound automatic irrigation system to water all new plantings.
2. Install 4" layer of shredded hardwood mulch to all planting beds.
3. Install 4" steel edging between all shrub beds and grass areas.
4. Shrub beds to have 12 inches of prepared planting mix (75% import topsoil, 15% composted amendment, 10% washed sand)
5. Shredded hardwood mulch must contain long strands along with double shred finer material obtained from a local source.
6. Install 4 inches of clean topsoil in all areas of the site disturbed by grading and construction operations. Topsoil shall be free from sticks, debris and rocks larger than 2 inches in diameter and have an organic matter level of 3 percent minimum and a pH range between 5.5 and 7.4 percent. Provide soil test analysis from a soil test laboratory showing soil makeup and organic percentage.
7. Solid sod all areas disturbed by construction activities.

GRAPHIC SCALE

20 0 10 20 40

1 inch = 20 ft.

site integration studio
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REGISTERED LANDSCAPE ARCHITECT
JOHN F. MURPHY
973
STATE OF TEXAS
8/7/19

BEST GYMNASTICS MURPHY

FM HWY. 544 & McCREARY RD.
MURPHY, TEXAS

LANDSCAPE PLAN

DESIGN:	MBT
DRAWN:	MBT
CHECKED:	DD
DATE:	08/07/2019

SHEET
L-1

File No. 2019-054

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PLANT LIST

CANOPY TREES				
3	SO	Shumard Oak	Quercus shumardii	5" cal. B&B 15' ht. 8' spread
12	ERC	Eastern Red Cedar	Juniperus virginiana	2 1/2" cal. 45 gal. 10' ht. 5' spread
3	LO	Live Oak	Quercus virginiana	5" cal. B&B 15' ht. 8' spread
4	CE	Cedar Elm	Ulmus crassifolia	5" cal. B&B 15' ht. 8' spread
ORNAMENTAL TREES				
4	CR	Crapemyrtle	Lagerstroemia indica "Tuscarora'	30 gal. 8' ht. 3 trunk 2 1/2" cal. min.
SHRUBS & GROUNDCOVERS				
4	DY	Dwarf Yaupon	Ilex vomitoria 'Nana'	5 gal. 36" oc
8	DA	Dwarf Abelia	Abelia x grandiflora 'Ed. Goucher'	5 gal. 36" oc
4	BA	Red Barberry	Berberis thunbergii atropurpurea	5 gal. 36" oc
5	WM	Dwarf Wax Myrtle	Myrica pusilla	5 gal. 36" oc
5	RY	Red Yucca	Hesperaloe parviflora	5 gal. 36" oc
10	NGL	New Gold Lantana	Lantana 'New Gold'	1 gal. 24" oc
12	DIH	Dwarf Indian Hawthorne	Raphiolepis indica 'Pinkie'	5 gal. 36" oc
10	TX	Texas Sage	Leucophyllum frutescens 'Silverado'	10 gal. 36" oc 24" Ht.
18	PM	Pink Muhly	Muhlenbergia capillaris	3 gal. 36" oc
8	SP	Spiraea	Spiraea 'Anthony Waterer'	5 gal. 36" oc
5	GL	Giant Liriope	Liriope gigantea	3 gal. 36" oc

City of Murphy, Texas
LANDSCAPE CALCULATIONS

		Required	Provided
Total Lot Area	65,586 SF		
Landscape Area 20%		13,117 SF	12,572 SF
Parking Area Landscape		**Required**	**Provided**
Total Parking Landscape Area 32 SF X 72 Spaces		2,304 SF	3,337 SF
Trees for Parking Spaces	72		
1 tree per 10 spaces	5" cal.	8	10
1 tree within 60 ft of each space			

TREE LIST

Total protected inches removed = 0"
Total negative tree credits = 0

Tree Table

Tag #	Tree	Tag#	Diameter(in.)	Species
#2400		TR 2400	14	BOIS D ARC
#2401		TR 2401	8	HACK
#2402		TR 2402	8	HACK
#2403		TR 2403	6	HACK
#2404		TR 2404	6	HACK
#2405		TR 2405	8	HACK
#2406		TR 2406	8	HACK
#2408		TR 2408	6	HACK
#2410		TR 2410	6	HACK
#2411		TR 2411	6	HACK
#2412		TR 2412	8	HACK
#2413		TR 2413	6	HACK
#2414	R	TR 2414	8	CEDAR
#2415	R	TR 2415	12	CEDAR
#2416	R	TR 2416	10	CEDAR
#2417	R	TR 2417	10	CEDAR
#2418	R	TR 2418	6	CEDAR
#2419		TR 2419	8	ELM
#2420		TR 2420	13	BOIS D ARC
#2421		TR 2421	12	BOIS D ARC
#2422		TR 2422	10	ELM
#2423		TR 2423	8	HACK
#2424		TR 2424	10	ELM
#2425		TR 2425	8	HACK
#2426		TR 2426	6	HACK
#2427		TR 2427	16	HACK
#2428		TR 2428	7	HACKBERRY
#2429		TR 2429	10	HACKBERRY
#2430		TR 2430	12	HACKBERRY
#2431		TR 2431	10	BOIS DARC
#2432		TR 2432	12	BOIS D ARC
#2433		TR 2433	10	CEDAR
#2435		TR 2435	8	HACK
#2436		TR 2436	8	HACK
#2440		TR 2440	6	HACK
#2441		TR 2441	8	ELM
#2442		TR 2442	6	HACK
#2443		TR 2443	6	HACK
#2444		TR 2444	6	HACK
#2445		TR 2445	15	HACK

Tree Table

Tag #	Tree	Tag#	Diameter(in.)	Species
#2484		TR 2484	8	BOIS D ARC
#2485		TR 2485	6	HACK
#2485		TR 2485	6	ELM
#2486		TR 2486	6	LOCUST
#2487		TR 2487	6	LOCUST
#2488		TR 2488	12	HACK
#2489		TR 2489	6	ELM
#2490		TR 2490	14	HACK
#2493		TR 2493	6	HACKK
#2494		TR 2494	12	CEDAR
#2496		TR 2496	8	HACK
#2497		TR 2497	10	CEDAR
#2499		TR 2499	9	HACK
#2500		TR 2500	9	ELM
#2501	R	TR 2501	10	HACKBERRY
#2502		TR 2502	6	HACKBERRY
#2503		TR 2503	8	HACKBERRY
#2504	R	TR 2504	8	CEDAR

Tree Table

Tag #	Tree	Tag#	Diameter(in.)	Species
#2505		TR 2505	8	CEDAR
#2506		TR 2506	6	ELM
#2507		TR 2507	14	BOIS D ARC
#2508		TR 2508	12	CEDAR
#2509		TR 2509	12	ELM
#2511		TR 2511	6	CEDAR
#2512		TR 2512	6	LOCUST
#2513		TR 2513	14	BOIS D ARC
#2514		TR 2514	10	ELM
#2515	R	TR 2515	8	CEDAR
#2516	R	TR 2516	6	CEDAR
#2517	R	TR 2517	6	CEDAR
#2518	R	TR 2518	6	CEDAR
#2519	R	TR 2519	8	CEDAR
#2520	R	TR 2520	6	CEDAR
#2521	R	TR 2521	6	CEDAR
#2522	R	TR 2522	6	CEDAR
#2523	R	TR 2523	8	CEDA

Tree Table

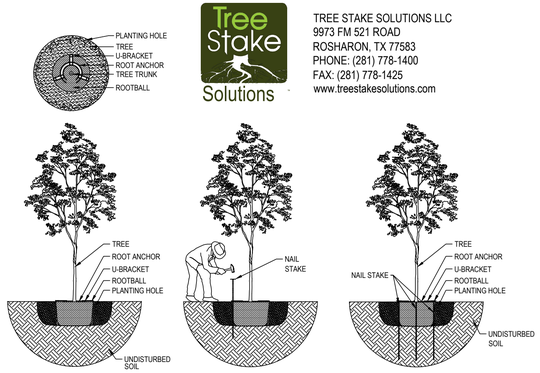
Tag #	Tree	Tag#	Diameter(in.)	Species
#2524	R	TR 2524	10	CEDAR
#2525	R	TR 2525	6	CEDAR
#2526	R	TR 2526	6	CEDAR
#2527	R	TR 2527	8	CEDAR
#2528		TR 2528	8	CEDAR
#2529	R	TR 2529	8	CEDAR
#2530	R	TR 2530	10	CEDAR
#2531	R	TR 2531	6	CEDAR
#2532	R	TR 2532	6	CEDAR
#2533	R	TR 2533	6	CEDAR
#2534	R	TR 2534	8	CEDAR
#2535	R	TR 2535	6	CEDAR
#2536	R	TR 2536	6	CEDAR
#2537	R	TR 2537	6	CEDAR
#2538	R	TR 2538	6	CEDAR
#2539	R	TR 2539	6	CEDAR
#2540	R	TR 2540	6	CEDAR
#2541	R	TR 2541	8	CEDAR

Tree Table

Tag #	Tree	Tag#	Diameter(in.)	Species
#2542	R	TR 2542	6	CEDAR
#2543	R	TR 2543	6	CEDAR
#2544	R	TR 2544	6	CEDAR
#2545	R	TR 2545	8	CEDAR
#2546	R	TR 2546	6	CEDAR
#2547	R	TR 2547	8	CEDAR
#2548	R	TR 2548	6	CEDAR
#2549	R	TR 2549	8	CEDAR
#2550	R	TR 2550	8	CEDAR
#2551	R	TR 2551	10	CEDAR
#2552	R	TR 2552	6	CEDAR
#2553	R	TR 2553	8	CEDAR
#2554	R	TR 2554	8	LOCUST
#2555	R	TR 2555	6	CEDAR
#2556	R	TR 2556	6	CEDAR
#2557	R	TR 2557	6	CEDAR
#2558	R	TR 2558	6	CEDAR
#2559	R	TR 2559	6	CEDAR

Tree Table

Tag #	Tree	Tag#	Diameter(in.)	Species
#2560	R	TR 2560	6	CEDAR
#2561	R	TR 2561	6	CEDAR
#2562	R	TR 2562	6	CEDAR
#2563	R	TR 2563	6	CEDAR
#2564	R	TR 2564	8	CEDAR
#2565	R	TR 2565	8	CEDAR
#2566	R	TR 2566	6	CEDAR
#2567	R	TR 2567	6	CEDAR
#2568		TR 2568	8	CEDAR



Tree Stake Solutions

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PHONE: (281) 778-1400
FAX: (281) 778-1425
www.treestakesolutions.com

1. WITH TREE IN A STRAIGHT & PLUMB POSITION, CENTER THE APPROPRIATE ROOT ANCHOR SAFETY STAKE AROUND THE TRUNK, WITH RINGS LAYING FLAT AGAINST ROOTBALL, U-BRACKETS FACING UP.

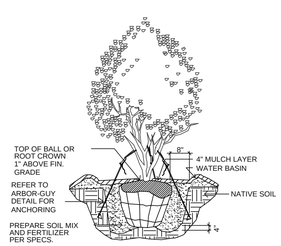
2. INSERT 1 OF 3 NAIL STAKES THROUGH EACH OF THE U-BRACKETS. NAILS SHOULD REST IN THE UNDISTURBED SOIL AT THE BOTTOM OF THE TREE PIT. ALL NAILS SHOULD FIT SNUG AGAINST THE SIDE OF THE ROOTBALL.
(FOR HAND OR MACHINE DUG TREES, IT MAY BE NECESSARY TO PENETRATE 1" - 4" OF OUTER AREA OF THE ROOTBALL WITH THE NAIL.)

3. NAIL STAKES SHOULD BE DRIVEN STRAIGHT DOWN INTO THE UNDISTURBED SOIL BELOW THE ROOTBALL. THE NAILS ARE NOW CAGING THE ROOTBALL IN PLACE. WHILE THE TOP BRACKET PINS THE ROOTBALL DOWN.
AFTER THE TREE STAKE IS INSTALLED, A LAYER OF MULCH CAN BE ADDED OVER THE STAKE. REMOVE ROOT ANCHOR AFTER TREE IS ESTABLISHED.

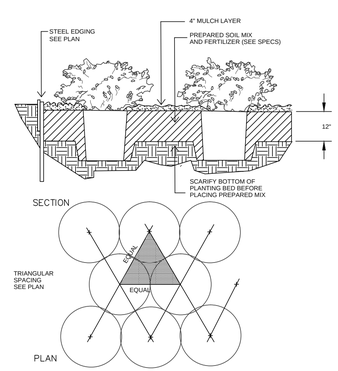
ROOT ANCHORTM BELOW GRADE SAFETY STAKE SIZING CHART

ITEM #	DESCRIPTION	NAIL LENGTH X 3PC (INCLUDED)	ITEM #	DESCRIPTION	NAIL LENGTH X 3PC (INCLUDED)
5 BG	5 GALLON OR 10" ROOTBALL	#4 X 24"	100 BG	95/100 GALLON OR 36" ROOTBALL	#5 X 48"
15 BG	10/15 GALLON OR 17" ROOTBALL	#4 X 36"	150 BG	150 GALLON OR 42" ROOTBALL	#5 X 60"
30 BG	20/30 GALLON OR 22" ROOTBALL	#4 X 36"	200 BG	200 GALLON OR 48" ROOTBALL	#5 X 72"
45/65 BG	45/65 GALLON OR 27-30" ROOTBALL	#4 X 48"	300 BG	300 GALLON OR 58" ROOTBALL	#5 X 72"

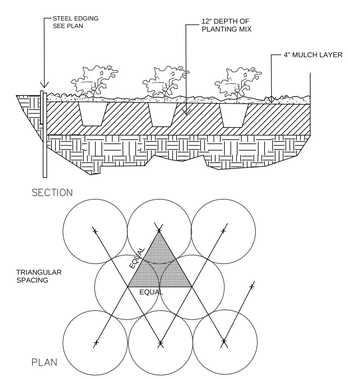
1 CANOPY TREE PLANTING
SCALE: NONE



2 MULTI-TRUNK PLANTING
SCALE: NONE



3 SHRUB PLANTING
SCALE: NONE



4 GROUNDCOVER PLANTING
SCALE: NONE

BEST GYMNASTICS MURPHY
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MURPHY, TEXAS

LANDSCAPE DETAILS

DESIGN:	MBT
DRAWN:	MBT
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DATE:	08/07/2019

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