SCALE: 1"=20'

Urban Forestry, Inc.

210 Stone Bush Ct. • Katy, Texas 77493 281-391-0022 ckoehl@koehlurbanforestry.com

APPROVED: Craig N. Koell 12-18-2024



Gauge TEXAS PE FIRM REG. # 20017 11750 KATY FREEWAY. #400 HOUSTON, TX 77079

SURVEYED BY: KUO & ASSOCIATES, INC.

SHEET NO. 302 OF 364

CITY OF HOUSTON HOUSTON PUBLIC WORKS

MONTROSE BOULEVARD IMPROVEMENTS - SEGMENT 1

TREE PROTECTION PLAN

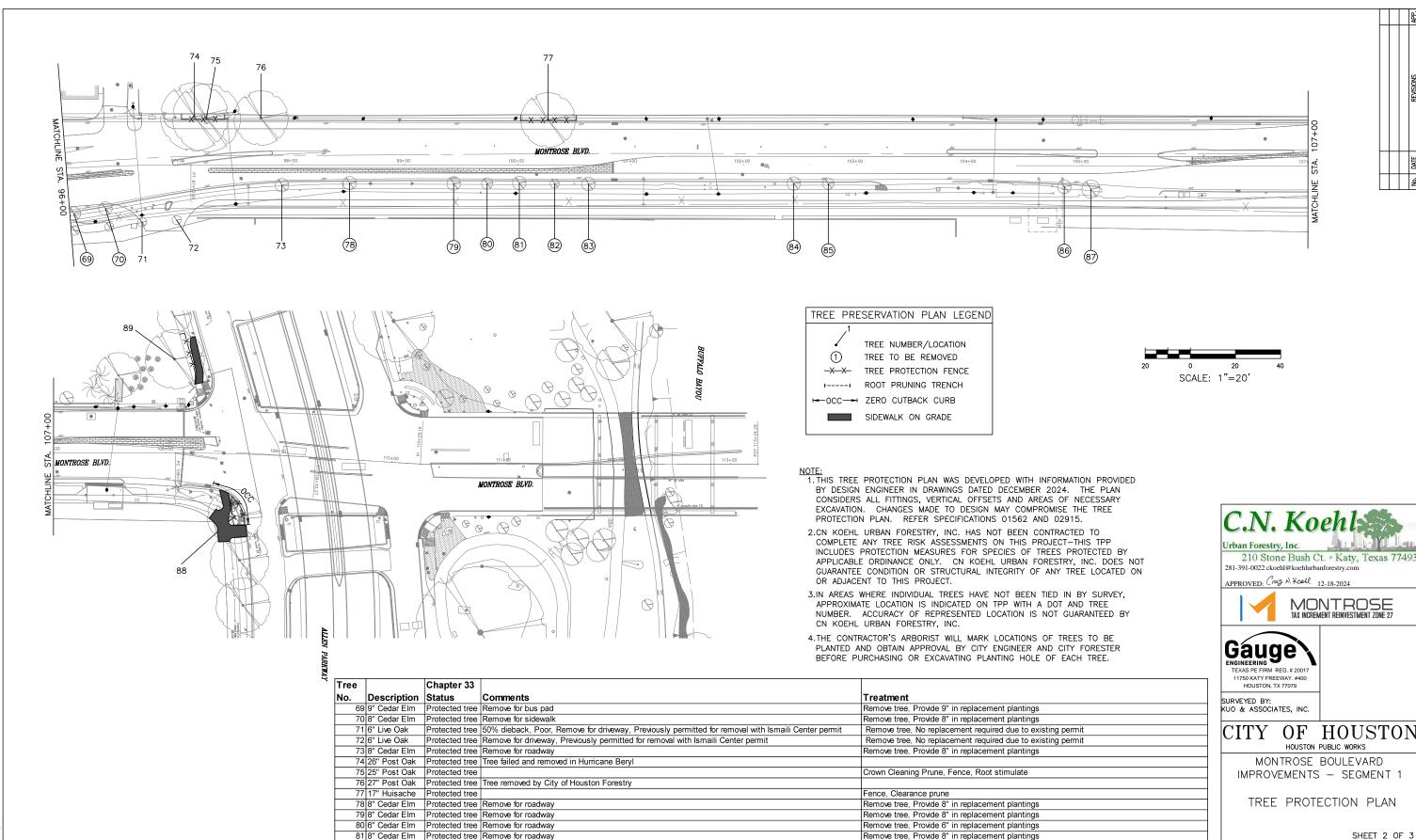
SHEET 1 OF 3

WBS NUMBER	FOR CITY OF HOUSION USE C
N-T27000-0005-7	
DRAWING SCALE	
as noted	
CITY OF HOUSTON PM	
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MONTROSE BLVD. OCC 11 12 14 26 28 29 30 31 33 WONTROSE BLVD. OCC 11 12 14 A A A A A A A A A A A A A A A A A A A	57 58 59 60 61 62 63 64 65 66A 66A 66A 66A 66A 66A 66A
NOTE: 1. THIS TREE PROTECTION PLAN WAS DEVELOPED WITH INFORMATION PROVIDED BY DESIGN ENGINEER IN DRAWINGS DATED DECEMBER 2024. THE PLAN CONSIDERS ALL FITTINGS, VERTICAL OFFSETS AND AREAS OF NECESSARY EXCAVATION. CHANGES MADE TO DESIGN MAY COMPROMISE THE TREE PROTECTION PLAN. REFER SPECIFICATIONS 01562 AND 02915. 2. CN KOEHL URBAN FORESTRY, INC. HAS NOT BEEN CONTRACTED TO COMPLETE ANY TREE RISK ASSESSMENTS ON THIS PROJECT—THIS TPP INCLUDES PROTECTION MEASURES FOR SPECIES OF TREES PROTECTED BY APPLICABLE ORDINANCE ONLY. CN KOEHL URBAN FORESTRY, INC. DOES NOT GUARANTEE CONDITION OR STRUCTURAL INTEGRITY OF ANY TREE LOCATED ON OR ADJACENT TO THIS PROJECT. 3. IN AREAS WHERE INDIVIDUAL TREES HAVE NOT BEEN TIED IN BY SURVEY, APPROXIMATE LOCATION IS INDICATED ON TPP WITH A DOT AND TREE NUMBER. ACCURACY OF REPRESENTED LOCATION IS NOT GUARANTEED BY CN KOEHL URBAN FORESTRY, INC.	TREE PRESERVATION PLAN LEGEND TREE NUMBER/LOCATION TREE TO BE REMOVED -X TREE PROTECTION FENCE
4.THE CONTRACTOR'S ARBORIST WILL MARK LOCATIONS OF TREES TO BE PLANTED AND OBTAIN APPROVAL BY CITY ENGINEER AND CITY FORESTER BEFORE PURCHASING OR EXCAVATING PLANTING HOLE OF EACH TREE.	

Tree		Chapter 33		
No.	Description	Status	Comments	Treatment
1	4" Live Oak	Protected tree	Just beyond project scope	Fence, Clearance prune
2	4" Live Oak	Protected tree	Just beyond project scope	Fence, Clearance prune
3	4" Live Oak	Protected tree		Fence, Clearance prune
4	4" Live Oak	Protected tree		Fence, Clearance prune
5	5" Live Oak	Protected tree		Fence, Clearance prune
6	4" Live Oak	Protected tree		Fence, Clearance prune
			Remove for wider sidewalk/path, Coordinate relocation with	Relocate per standard specification 02915, Coordinate location with
7	4" Live Oak	Protected tree	project engineer and landscape architect	project engineer and landscape architect
8	17" Live Oak	Protected tree		Fence, Clearance prune
				Zero curb cutback, Root prune for street, Fence, Clearance prune,
9	14" Live Oak	Protected tree		Crown Cleaning prune, Root stimulate
				Zero curb cutback, Root prune for street, Fence, Clearance prune,
10	15" Live Oak	Protected tree		Crown Cleaning prune, Root stimulate
	TO LIVE CUIK	1 10100100 1100		Zero curb cutback, Root prune for street, Fence, Clearance prune,
11	15" Live Oak	Protected tree		Crown Cleaning prune, Root stimulate
	4" Eastern Redbud	Protected tree		Fence, Clearance prune
	4" Eastern Redbud	Protected tree		Fence, Clearance prune
	4" Eastern Redbud	Protected tree		Fence, Clearance prune
		Not protected		i ence, organice prune
	11" Sugarberry			Zoro ourb outbook Fonce Clearance prune
16	10" Live Oak	Protected tree		Zero curb cutback, Fence, Clearance prune
			D	Demo-form-pour walk without damage to tree roots 1" diameter or
17	14" Live Oak	Not protected	Private tree, Topped	larger
				Demo-form-pour walk without damage to tree roots 1" diameter or
18	11" Live Oak	Not protected	Private tree, Topped	larger
				Demo-form-pour walk without damage to tree roots 1" diameter or
19	10" Live Oak	Not protected	Private tree, Topped	larger
				Demo-form-pour walk without damage to tree roots 1" diameter or
20	13" Live Oak	Not protected	Private tree, Topped	larger
21	12" Live Oak	Not protected	Private tree, Topped	Root prune for sidewalk
21A	10" Bradford Pear	Not protected	Private tree, Topped	
21B	11" Bradford Pear	Not protected	Topped	
	11" Bradford Pear	Not protected	Topped	
	10" Sweetgum	Not protected	Failed in Hurricane Beryl, Poor condition, Private tree	
	10" Sweetgum	Not protected	Private tree	
	To Chronigani	The protocou	1 Hade too	Demo-form-pour walk without damage to tree roots 1" diameter or
23	14" Live Oak	Protected tree		larger, Fence, Crown Cleaning Prune, Root stimulate
	TT LITE CUIK	1 10100104 1100		Demo-form-pour walk without damage to tree roots 1" diameter or
24	10" Live Oak	Protected tree		larger, Fence, Crown Cleaning Prune, Root stimulate
24	10 Live Oak	Flotected tiee		Demo-form-pour walk without damage to tree roots 1" diameter or
25	18" Live Oak	Protected tree		larger, Fence, Crown Cleaning Prune, Root stimulate
20	10 LIVE Oak	Fiolected fiee		
				Zero curb cutback, Root prune for street, Fence, Clearance prune,
	477115 - 0-1	B		Crown Cleaning prune, Root stimulate, Apply soil fabric and TCP on
26	17" Live Oak	Protected tree		existing grade-do not excavate or scape existing grade
		l		Zero curb cutback, Root prune for street, Fence, Clearance prune,
27	19" Live Oak	Protected tree		Crown Cleaning prune, Root stimulate
	l	L		Zero curb cutback, Root prune for street, Fence, Clearance prune,
28	15" Live Oak	Protected tree		Crown Cleaning prune, Root stimulate
				Zero curb cutback, Root prune for street, Fence, Clearance prune,
				Crown Cleaning prune, Root stimulate, Apply soil fabric and TCP on
29	19" Live Oak	Protected tree		existing grade-do not excavate or scape existing grade
				Zero curb cutback, Root prune for street, Fence, Clearance prune,
				Crown Cleaning prune, Root stimulate, Apply soil fabric and TCP on
30	18" Live Oak	Protected tree		existing grade-do not excavate or scape existing grade
				Zero curb cutback, Root prune for street, Fence, Clearance prune,
				Crown Cleaning prune, Root stimulate, Apply soil fabric and TCP on
	14" Live Oak	Protected tree		existing grade-do not excavate or scape existing grade
31		1	+	
31		I		
31				Zero curb cutback, Root prune for street, Fence, Clearance prune, Crown Cleaning prune, Root stimulate, Apply soil fabric and TCP on

ree		Chapter 33		
ο.	Description	Status	Comments	Treatment
				Zero curb cutback, Root prune for street, Fence, Clearance prune,
33	22" Live Oak	Protected tree		Crown Cleaning prune, Root stimulate
				Demo-form-pour walk without damage to tree roots 1" diameter or
34	10" Live Oak	Protected tree		larger, Fence, Crown Cleaning Prune, Root stimulate
				Demo-form-pour walk without damage to tree roots 1" diameter or
35	23" American Elm	Not protected	Private tree, Topped	larger
	20 7 1110110411 21111	Trot protoctou	Triaco troo, roppou	Demo-form-pour walk without damage to tree roots 1" diameter or
26	10" Live Oak	Protected tree		larger, Fence, Crown Cleaning Prune, Root stimulate
- 50	TO LIVE OUR	i lotected tiee		Demo-form-pour walk without damage to tree roots 1" diameter or
27	8" Live Oak	Protected tree		larger, Fence, Crown Cleaning Prune, Root stimulate
31	6 Live Oak	Protected free		
			1	Demo-form-pour walk without damage to tree roots 1" diameter or
38	14" American Elm	Not protected	Private tree	larger
	l			Demo-form-pour walk without damage to tree roots 1" diameter or
39	11" Live Oak	Protected tree		larger, Fence, Crown Cleaning Prune, Root stimulate
				Demo-form-pour walk without damage to tree roots 1" diameter or
40	11" Live Oak	Protected tree		larger, Fence, Crown Cleaning Prune, Root stimulate
				Demo-form-pour walk without damage to tree roots 1" diameter or
41	16" Live Oak	Protected tree		larger, Fence, Crown Cleaning Prune, Root stimulate
				Demo-form-pour walk without damage to tree roots 1" diameter or
42	13" Live Oak	Protected tree		larger, Fence, Crown Cleaning Prune, Root stimulate
				Demo-form-pour walk without damage to tree roots 1" diameter or
43	12" Live Oak	Protected tree		larger, Fence, Crown Cleaning Prune, Root stimulate
	13" Crepe Myrtle	Not protected	Remove for sidewalk	Remove tree, No replacement required
	' <i>'</i>	T ' -		Demo-form-pour walk without damage to tree roots 1" diameter or
44	15" Live Oak	Protected tree		larger, Fence, Crown Cleaning Prune, Root stimulate
	TO EITO GUIT	1 10100104 1100		Zero curb cutback, Root prune for street, Fence, Clearance prune,
45	19" Live Oak	Protected tree		Crown Cleaning prune, Root stimulate
	5" Eastern Redbud	Protected tree	Remove for median narrowing	Remove tree, Provide 5" in replacement plantings
	2" Eastern Redbud	Protected tree	Remove for median narrowing	
				Remove tree, Provide 2" in replacement plantings
	2" Eastern Redbud	Protected tree	Remove for median narrowing	Remove tree, Provide 2" in replacement plantings
	4" Eastern Redbud	Protected tree	Remove for median narrowing	Remove tree, Provide 4" in replacement plantings
	5" Eastern Redbud	Protected tree	Remove for median narrowing	Remove tree, Provide 5" in replacement plantings
51	3" Eastern Redbud	Protected tree	Remove for median narrowing	Remove tree, Provide 3" in replacement plantings
52	5" Eastern Redbud	Protected tree	Remove for median narrowing	Remove tree, Provide 5" in replacement plantings
53	4" Eastern Redbud	Protected tree	Remove for median narrowing	Remove tree, Provide 4" in replacement plantings
54	5" Eastern Redbud	Protected tree	Remove for median narrowing	Remove tree, Provide 5" in replacement plantings
				Demo-form-pour walk without damage to tree roots 1" diameter or
55	11" Live Oak	Protected tree		larger, Fence, Crown Cleaning Prune, Root stimulate
				Demo-form-pour walk without damage to tree roots 1" diameter or
56	10" Live Oak	Protected tree		larger, Fence, Crown Cleaning Prune, Root stimulate
				Demo-form-pour walk without damage to tree roots 1" diameter or
57	12" Live Oak	Protected tree		larger, Fence, Crown Cleaning Prune, Root stimulate
- 01	IZ ENO GUIX	I TOLOGICA LIGO		Demo-form-pour walk without damage to tree roots 1" diameter or
50	28" Crepe Myrtle	Protected tree		larger, Fence, Crown Cleaning Prune, Root stimulate
50	20 Crepe Myrtie	r totected tiee		Demo-form-pour walk without damage to tree roots 1" diameter or
	40.15 0-0	D		
59	4" Live Oak	Protected tree		larger, Fence, Crown Cleaning Prune, Root stimulate
	L	L		Demo-form-pour walk without damage to tree roots 1" diameter or
60	3" Live Oak	Protected tree		larger, Fence, Crown Cleaning Prune, Root stimulate
				Demo-form-pour walk without damage to tree roots 1" diameter or
61	24" Crepe Myrtle	Protected tree		larger, Fence, Crown Cleaning Prune, Root stimulate
				Demo-form-pour walk without damage to tree roots 1" diameter or
62	10" Live Oak	Protected tree		larger, Fence, Crown Cleaning Prune, Root stimulate
				Demo-form-pour walk without damage to tree roots 1" diameter or
63	6" Live Oak	Protected tree		larger, Fence, Crown Cleaning Prune, Root stimulate
				Demo-form-pour walk without damage to tree roots 1" diameter or
64	18" Crepe Myrtle	Not protected		larger, Fence, Crown Cleaning Prune, Root stimulate
	stope myttie	protoctod	1	Demo-form-pour walk without damage to tree roots 1" diameter or
er	17" Crepe Myrtle	Not protected		larger, Fence, Crown Cleaning Prune, Root stimulate
		rvot protected		larger, Ferrce, Grown Gleaning Fruite, Root stillfulate
	Recently removed	Net contacts:	Transday Control Point British ton	Deat are a ferrida well. Classes
	15"Live Oak	Not protected	Topped by CenterPoint, Private tree	Root prune for sidewalk, Clearance prune
	Recently removed 9" Cedar Elm			
		Protected tree	Remove for bus pad	Remove tree, Provide 9" in replacement plantings



Twig dieback, Exploratory excavation in November 2023 revealed no tree root conflicts with proposed

Protected tree north bound wheel chair ramp (CNK, Gauge and COH Forestry attended excavation)

82 7" Cedar Elm Protected tree Remove for roadway

83 7" Cedar Elm Protected tree Remove for roadway

85 7" Cedar Elm Protected tree Remove for roadway

86 10" Cedar Elm Protected tree Remove for roadway

87 9" Cedar Elm Protected tree Remove for roadway

88 20" Live Oak

89 25" Live Oak Corridor Tree

84 6" Cedar Elm Protected tree Dead, Remove for roadway

Pen Table: \$PENTBLS\$
Plot Driver: \$PLTDRVL\$

SHEET 2 OF 3
FOR CITY OF HOUSTON USE ONLY

WBS NUMBER

N=T27000=0005=7

DRAWING SCALE

AS NOTED

CITY OF HOUSTON USE OF THE CONTROL OF THE

Remove tree, Provide 7" in replacement plantings

Remove tree, Provide 7" in replacement plantings

Remove tree, Provide 7" in replacement plantings

Fence, Crown Cleaning Prune, Root stimulate

prune

Remove tree, Provide 10" in replacement plantings Remove tree, Provide 9" in replacement plantings

Remove tree, No replacement required due to condition

Demo-form-pour walk without damage to tree roots 1" diameter or larger, Zero Curb Cutback

Demo-form-pour walk without damage to tree roots 1" diameter or larger, Fence, Clearance