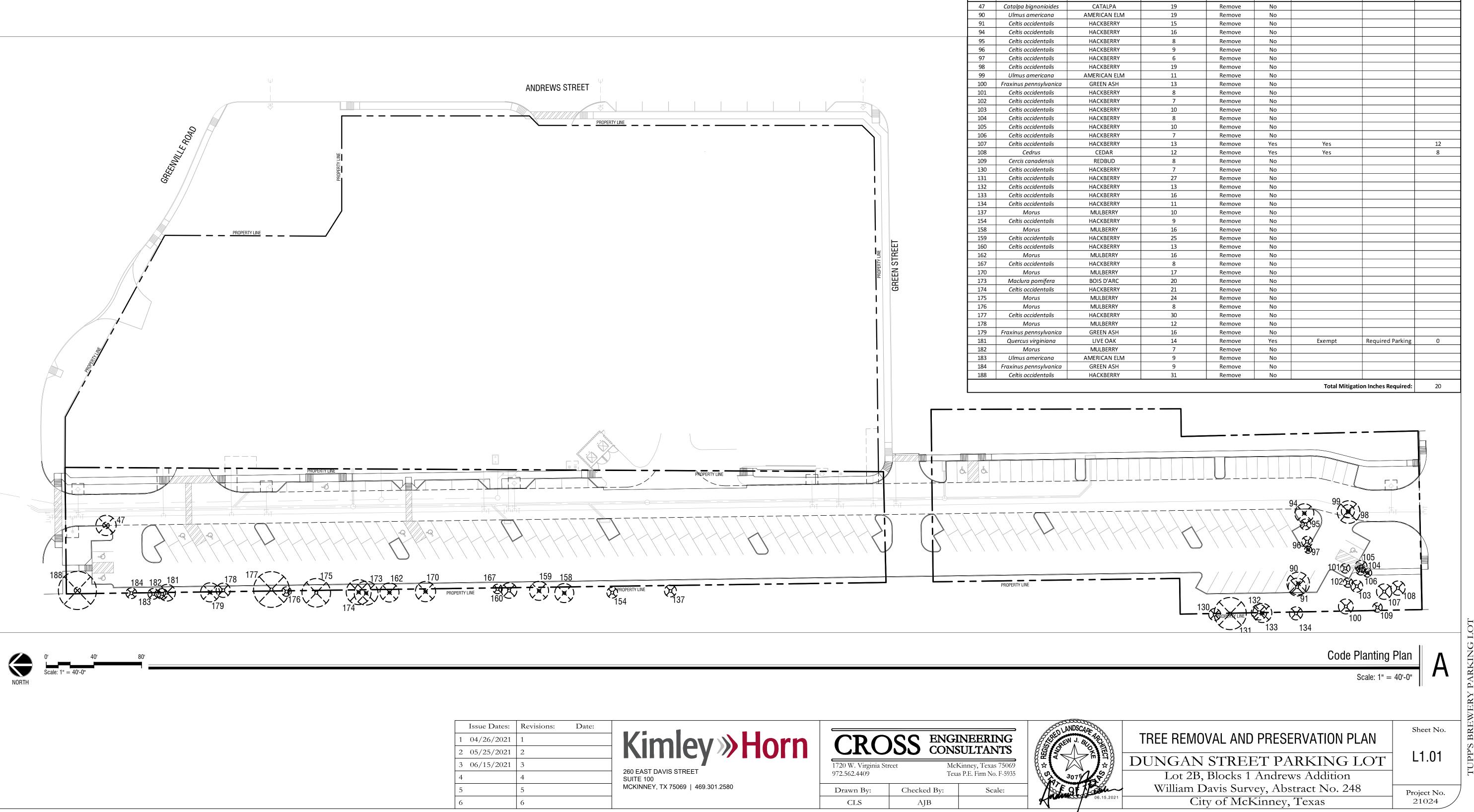
SYMBOL LEGEND:						
× 17	EXISTING TREE TO BE REMOVED					
	EXISTING TREE TO REMAIN	TREE TO BE SAVED				
	TREE PROTECTION FENCING	4' HT. PROTECTION FENCING, TO BE LOCATED AT LIMIT OF GRADING AROUND EXISTING VEGETATION				





Issue Dates:	Revisions: Date:
1 04/26/2021	1
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4	4
5	5



CRC	SS	ENGI CONS	NEERI SULTAI		
1720 W. Virginia Str 972.562.4409	eet	McKinney, Texa Texas P.E. Firm N			
Drawn By:	Checked	Checked By:			
CLS	AJE	3			

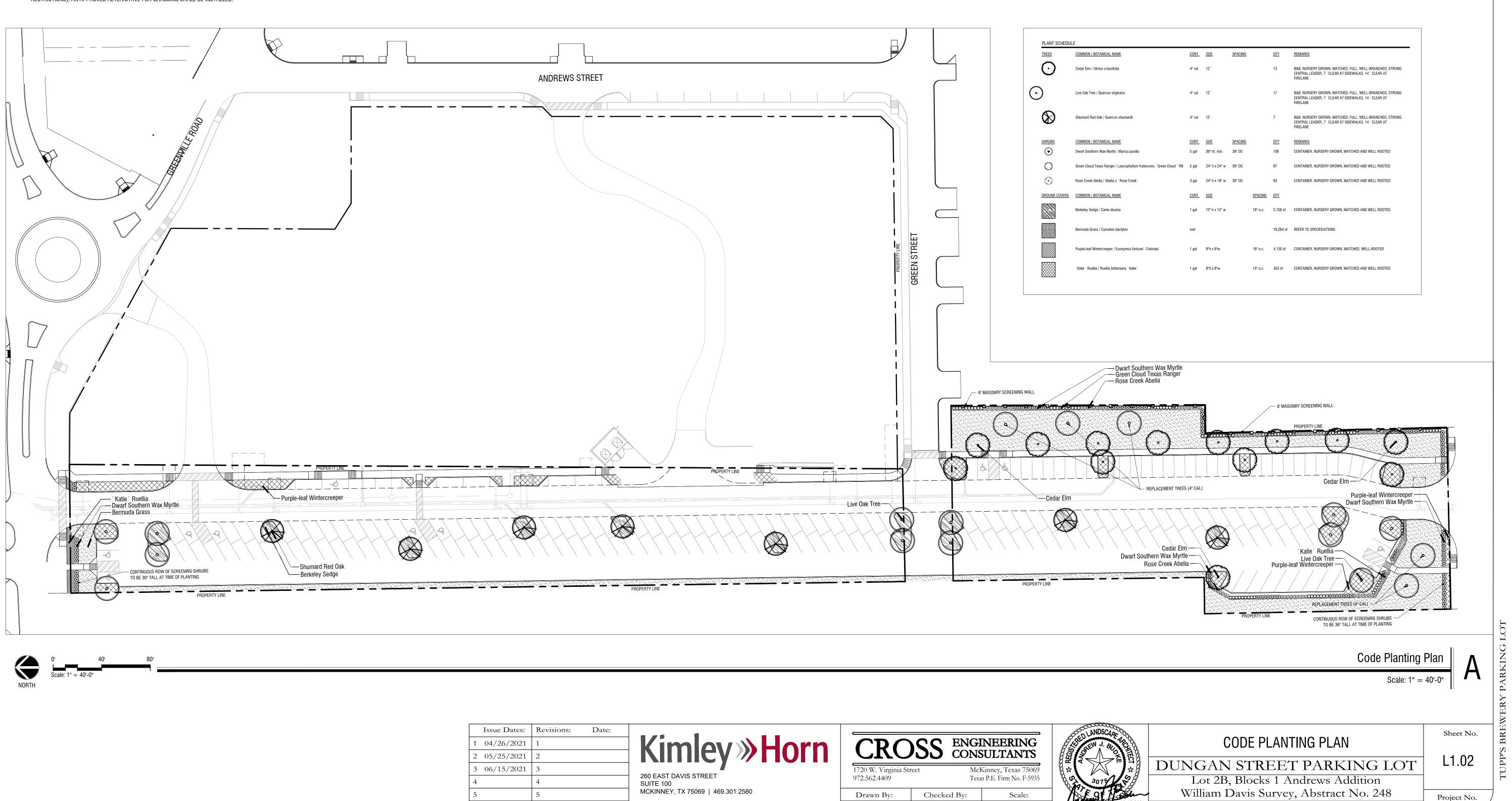
TREE No.

						EXEMPTION	MITIGATION
BOTANTICAL NAME	COMMON NAME	(DBH)	STATUS	QUALITY	MITIGATION REQUIRED	REASON	INCHES
Catalpa bignonioides	CATALPA	19	Remove	No			
Ulmus americana	AMERICAN ELM	19	Remove	No			
Celtis occidentalis	HACKBERRY	15	Remove	No			
Celtis occidentalis	HACKBERRY	16	Remove	No			
Celtis occidentalis	HACKBERRY	8	Remove	No			
Celtis occidentalis	HACKBERRY	9	Remove	No			
Celtis occidentalis	HACKBERRY	6	Remove	No			
Celtis occidentalis	HACKBERRY	19	Remove	No			
Ulmus americana	AMERICAN ELM	11	Remove	No			
Fraxinus pennsylvanica	GREEN ASH	13	Remove	No			
Celtis occidentalis	HACKBERRY	8	Remove	No			
Celtis occidentalis	HACKBERRY	7	Remove	No			
Celtis occidentalis	HACKBERRY	10	Remove	No			
Celtis occidentalis	HACKBERRY	8	Remove	No			
Celtis occidentalis	HACKBERRY	10	Remove	No			
Celtis occidentalis	HACKBERRY	7	Remove	No			
Celtis occidentalis	HACKBERRY	13	Remove	Yes	Yes		12
Cedrus	CEDAR	12	Remove	Yes	Yes		8
Cercis canadensis	REDBUD	8	Remove	No			
Celtis occidentalis	HACKBERRY	7	Remove	No			
Celtis occidentalis	HACKBERRY	27	Remove	No			
Celtis occidentalis	HACKBERRY	13	Remove	No			
Celtis occidentalis	HACKBERRY	16	Remove	No			
Celtis occidentalis	HACKBERRY	11	Remove	No			
Morus	MULBERRY	10	Remove	No			
Celtis occidentalis	HACKBERRY	9	Remove	No			
Morus	MULBERRY	16	Remove	No			
Celtis occidentalis	HACKBERRY	25	Remove	No			
Celtis occidentalis	HACKBERRY	13	Remove	No			
Morus	MULBERRY	16	Remove	No			
Celtis occidentalis	HACKBERRY	8	Remove	No			
Morus	MULBERRY	17	Remove	No			
Maclura pomifera	BOIS D'ARC	20	Remove	No			
Celtis occidentalis	HACKBERRY	21	Remove	No			
Morus	MULBERRY	24	Remove	No			
Morus	MULBERRY	8	Remove	No			
Celtis occidentalis	HACKBERRY	30	Remove	No			
Morus	MULBERRY	12	Remove	No			
Fraxinus pennsylvanica	GREEN ASH	16	Remove	No			
Quercus virginiana	LIVE OAK	14	Remove	Yes	Exempt	Required Parking	0
Morus	MULBERRY	7	Remove	No			
Ulmus americana	AMERICAN ELM	9	Remove	No			
Fraxinus pennsylvanica	GREEN ASH	9	Remove	No			
Celtis occidentalis	HACKBERRY	31	Remove	No			

#### PLANTING NOTES:

# **IRRIGATION NOTES:**

- LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL UNDERGROUND UTILITIES, 1 PIPES, STRUCTURES, AND LINE RUNS IN THE FIELD PRIOR TO THE INSTALLATION OF ANY PLANT MATERIAL. 2. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ADVISE THE LANDSCAPE ARCHITECT OF ANY CONDITION FOUND ON
- THE SITE WHICH PROHIBITS INSTALLATION AS SHOWN ON THESE DRAWINGS. 3. ALL PLANT MATERIAL SHALL BE MAINTAINED IN A HEALTHY AND GROWING CONDITION AND MUST BE REPLACED WITH
- PLANT MATERIAL OF SAME VARIETY AND SIZE IF DAMAGED, DESTROYED, OR REMOVED. 4. LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR FINE GRADING AND REMOVAL OF DEBRIS PRIOR TO PLANTING IN
- ALL AREAS. 5. FINAL FINISH GRADING SHALL BE REVIEWED BY THE LANDSCAPE ARCHITECT. LANDSCAPE CONTRACTOR SHALL BE
- RESPONSIBLE FOR ANY ADDITIONAL TOPSOIL REQUIRED TO CREATE A SMOOTH CONDITION PRIOR TO PLANTING.
- 6. ALL PLANT QUANTITIES LISTED ARE FOR INFORMATION ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE FULL COVERAGE IN ALL PLANTING AREAS AS SPECIFIED IN THE PLANT SCHEDULE AND VERIFY ALL QUANTITIES.
- 7. LANDSCAPE CONTRACTOR TO PROVIDE STEEL EDGING (REFER TO MATERIALS PAGE) BETWEEN ALL PLANTING BEDS AND LAWN AREAS. 8. ALL PLANT MATERIAL SHALL CONFORM TO THE SPECIFICATIONS AND SIZES GIVEN IN THE PLANT LIST AND SHALL BE
- NURSERY GROWN IN ACCORDANCE WITH THE AMERICAN STANDARD FOR NURSERY STOCK. LATEST EDITION AMERICAN ASSOCIATION OF NURSERYMEN STANDARDS. ANY PLANT SUBSTITUTION SHALL BE APPROVED BY LANDSCAPE ARCHITECT PRIOR TO PURCHASE.
- 9. LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR ANY COORDINATION WITH OTHER CONTRACTORS ON SITE AS REQUIRED TO ACCOMPLISH ALL PLANTING OPERATIONS. 10. ALL NEW PLANTING AREAS TO BE AMENDED PER SPECIFICATIONS.
- 11. ANY PLANT MATERIAL THAT DOES NOT SURVIVE SHALL BE REPLACED WITH AN EQUIVALENT SIZE AND SPECIES WITHIN THIRTY (30) DAYS.
- 12. PLANT MATERIAL SHALL BE PRUNED AS NECESSARY TO CONTROL SIZE BUT NOT TO DISRUPT THE NATURAL GROWTH PATTERN OR CHARACTERISTIC FORM OF THE PLANT EXCEPT AS NECESSARY TO ACHIEVE HEIGHT CLEARANCE FOR VISIBILITY AND PEDESTRIAN PASSAGE OR TO ACHIEVE A CONTINUOUS OPAQUE HEDGE IF REQUIRED.
- 13. LANDSCAPED AREAS SHALL BE KEPT FREE OF TRASH, WEEDS, DEBRIS, AND DEAD PLANT MATERIAL. 14. ALL LIME STABILIZED SOIL & INORGANIC SELECT FILL FOR BUILDING SHOULD BE REMOVED FROM PLANTING AREAS TO A
- DEPTH OF 24" & REPLACED WITH ORGANIC IMPORTED TOPSOIL FILL. 15. CONTRACTOR TO PROVIDE SUBMITTAL WITH PHOTOS OF ALL PLANT MATERIAL FOR APPROVAL
- 16. THE CONTRACTOR SHALL VERIFY WATER RESTRICTIONS WITHIN THE CITY OF MCKINNEY AT TIME OF PLANTING. SHOULD WATER RESTRICTIONS NOT ALLOW HYDRO-MULCH, HYDRO-SEEDING, OR SPRIGGING (STAGE 3 AND STAGE 4 WATER RESTRICTIONS), AN APPROVED ALTERNATIVE FOR GRASSING SHALL BE INSTALLED.



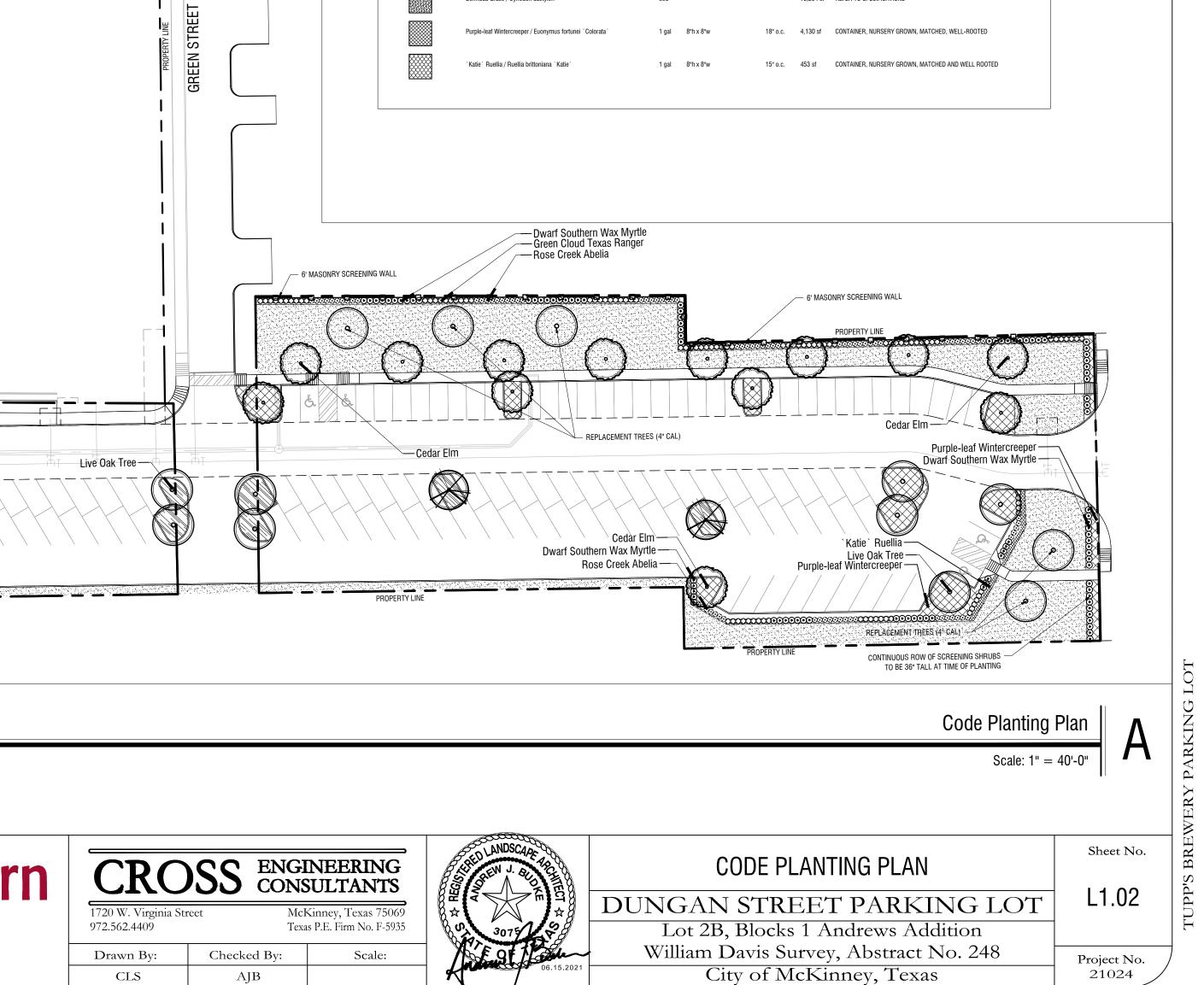
- 5

IRRIGATOR.

1. AN UNDERGROUND AUTOMATIC IRRIGATION SYSTEM SHALL BE PROVIDED FOR ALL PLANTING AREAS.

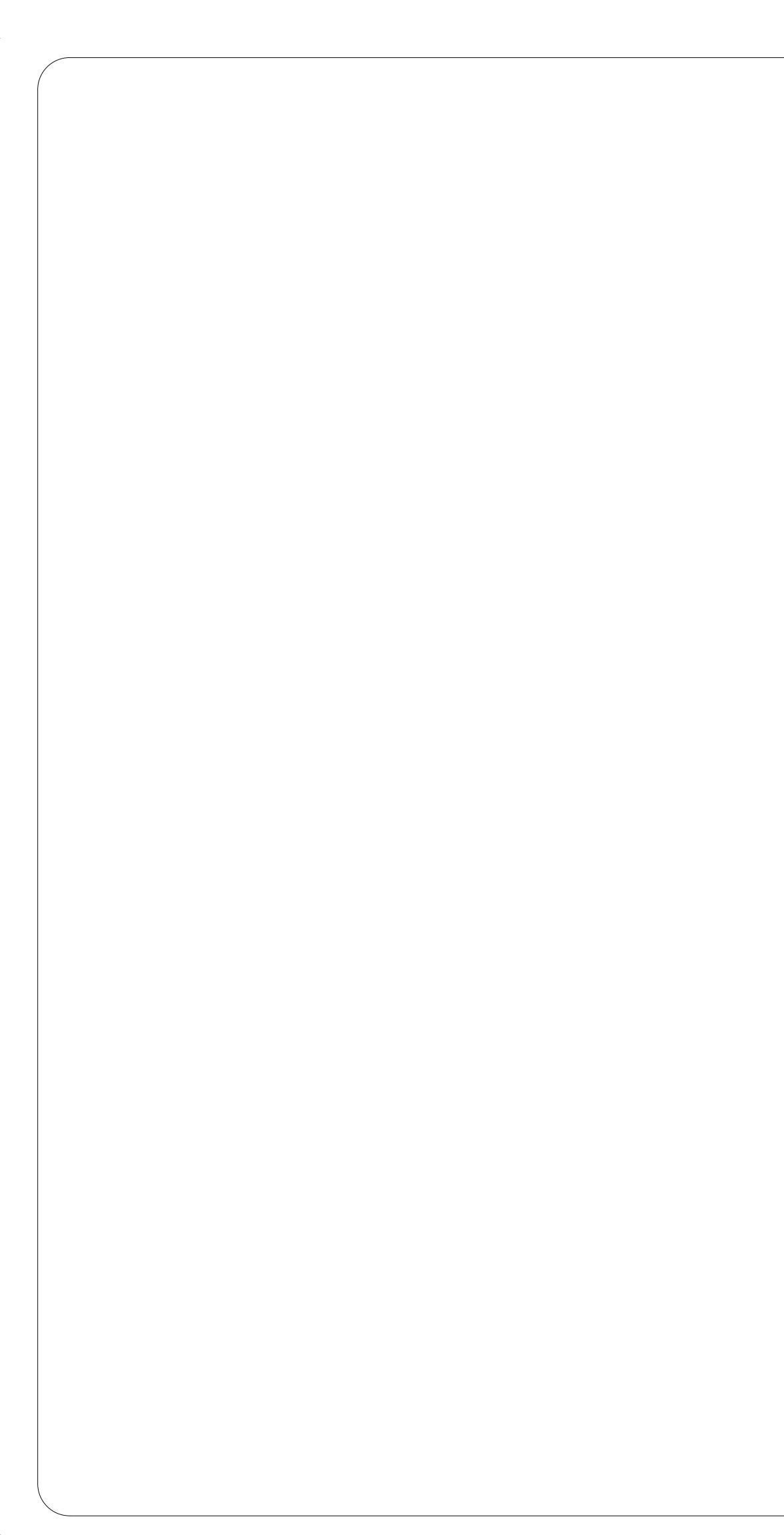
- OVER SPRAY ON STREETS AND WALKS IS PROHIBITED. IRRIGATION SYSTEMS SHALL BE MAINTAINED AND REPLACED AS NECESSARY.
- ALL PLANTING AREAS TO BE FULLY IRRIGATED.
- IRRIGATION SYSTEM TO HAVE A FULLY AUTOMATED CONTROL SYSTEM. IRRIGATION SYSTEM TO HAVE RAIN AND FREEZE SENSORS.
- 6. ANY EXISTING PLANTING DAMAGED DURING CONSTRUCTION IS TO BE REPLACED AT NO COST THE OWNER. 7. IRRIGATION SYSTEM TO BE DESIGNED BY A QUALIFIED PROFESSIONAL AND INSTALLED BY A LICENSED

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PLANT SCHEDUL	.E						
TREES	COMMON / BOTANICAL NAME	CONT.	SIZE	SPACING		QTY	REMARKS
$\overline{\mathbf{O}}$	Cedar Elm / Ulmus crassifolia	4" cal	12`			13	B&B, NURSERY GROWN, MATCHED, FULL, WELL-BRANCHED, STRONG CENTRAL LEADER, 7 <sup>+</sup> CLEAR AT SIDEWALKS, 14 <sup>+</sup> CLEAR AT FIRELANE
$\overline{\mathbf{O}}$	Live Oak Tree / Quercus virginana	4" cal	12`			17	B&B, NURSERY GROWN, MATCHED, FULL, WELL-BRANCHED, STRONG CENTRAL LEADER, 7` CLEAR AT SIDEWALKS, 14` CLEAR AT FIRELANE
$\bigotimes$	Shumard Red Oak / Quercus shumardii	4" cal	12`			7	B&B, NURSERY GROWN, MATCHED, FULL, WELL-BRANCHED, STRONG CENTRAL LEADER, 7° CLEAR AT SIDEWALKS, 14° CLEAR AT FIRELANE
SHRUBS	COMMON / BOTANICAL NAME	CONT.	SIZE	SPACING		QTY	REMARKS
۲	Dwarf Southern Wax Myrtle / Myrica pusilla	5 gal	36" ht. min.	36" OC		108	CONTAINER, NURSERY GROWN, MATCHED AND WELL ROOTED
$\bigcirc$	Green Cloud Texas Ranger / Leucophyllum frutescens `Green Cloud` TM	5 gal	24" h x 24" w	36" OC		97	CONTAINER, NURSERY GROWN, MATCHED AND WELL ROOTED
(*)	Rose Creek Abelia / Abelia x `Rose Creek`	3 gal	24" h x 18" w	30" OC		83	CONTAINER, NURSERY GROWN, MATCHED AND WELL ROOTED
GROUND COVERS	COMMON / BOTANICAL NAME	CONT.	SIZE		SPACING	QTY	
	Berkeley Sedge / Carex divulsa	1 gal	12" h x 12" w		18" o.c.	2,158 sf	CONTAINER, NURSERY GROWN, MATCHED AND WELL ROOTED
	Bermuda Grass / Cynodon dactylon	sod				19,264 sf	REFER TO SPECIFICATIONS
	Purple-leaf Wintercreeper / Euonymus fortunei `Colorata`	1 gal	8"h x 8"w		18" o.c.	4,130 sf	CONTAINER, NURSERY GROWN, MATCHED, WELL-ROOTED

Code Calculations Chart						
Site Data	Acres	SF				
Total Site Area	2.95	128,449				
Surface Parking Spaces	197					
Parking Lot Trees	Required	Provided				
End Islands	15	15				
Each parking space 60' max from tree	Yes	Yes				
Mitigation Tree Requirements	Required	Provided				
Mitigation Inches Required	20	20				



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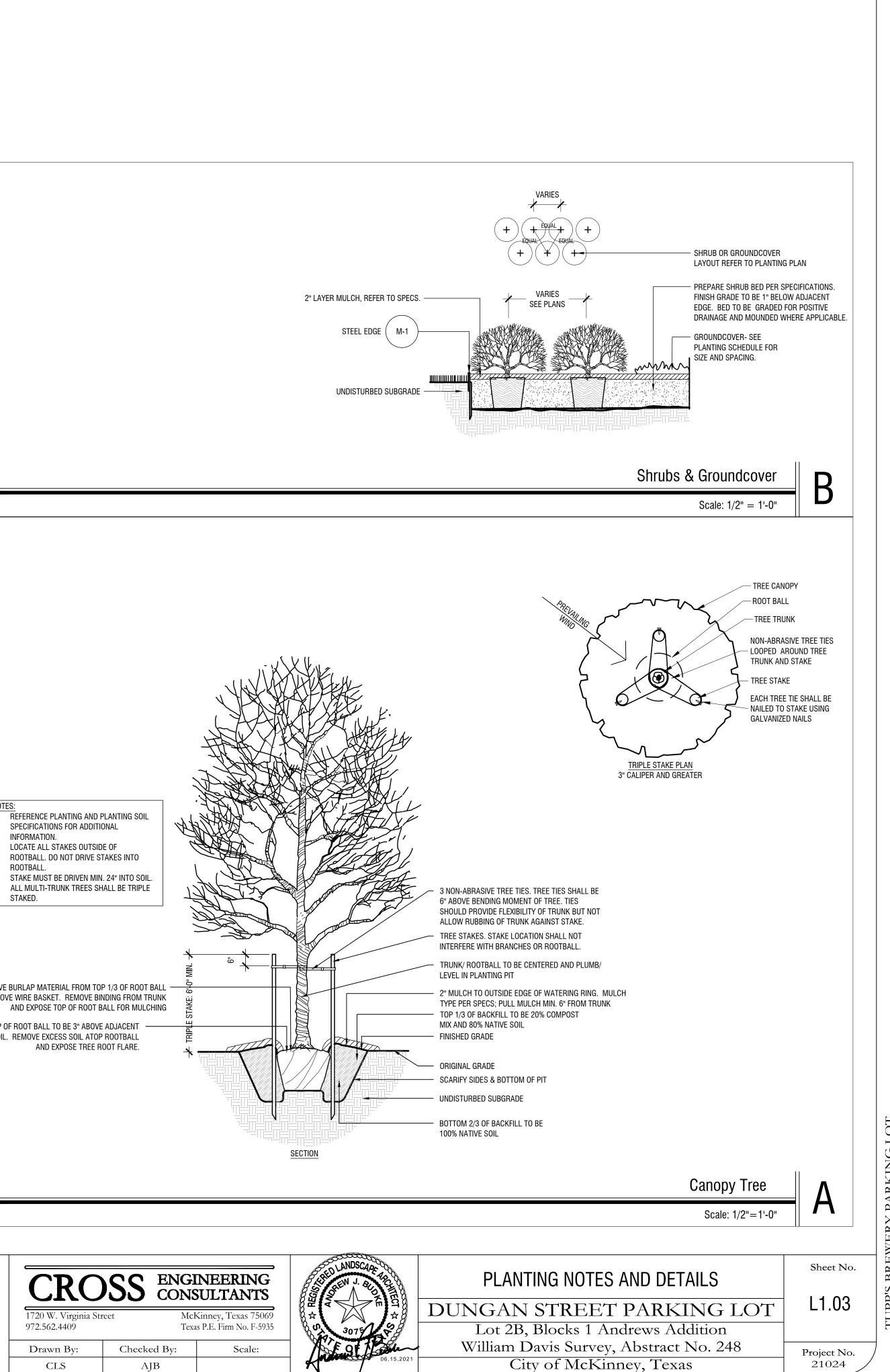
- ROOTBALL. DO NOT DRIVE STAKES INTO
- ALL MULTI-TRUNK TREES SHALL BE TRIPLE

REMOVE BURLAP MATERIAL FROM TOP 1/3 OF ROOT BALL AND REMOVE WIRE BASKET. REMOVE BINDING FROM TRUNK AND EXPOSE TOP OF ROOT BALL FOR MULCHING

> TOP OF ROOT BALL TO BE 3" ABOVE ADJACENT SOIL. REMOVE EXCESS SOIL ATOP ROOTBALL

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**Kimley**»**Horn** 



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