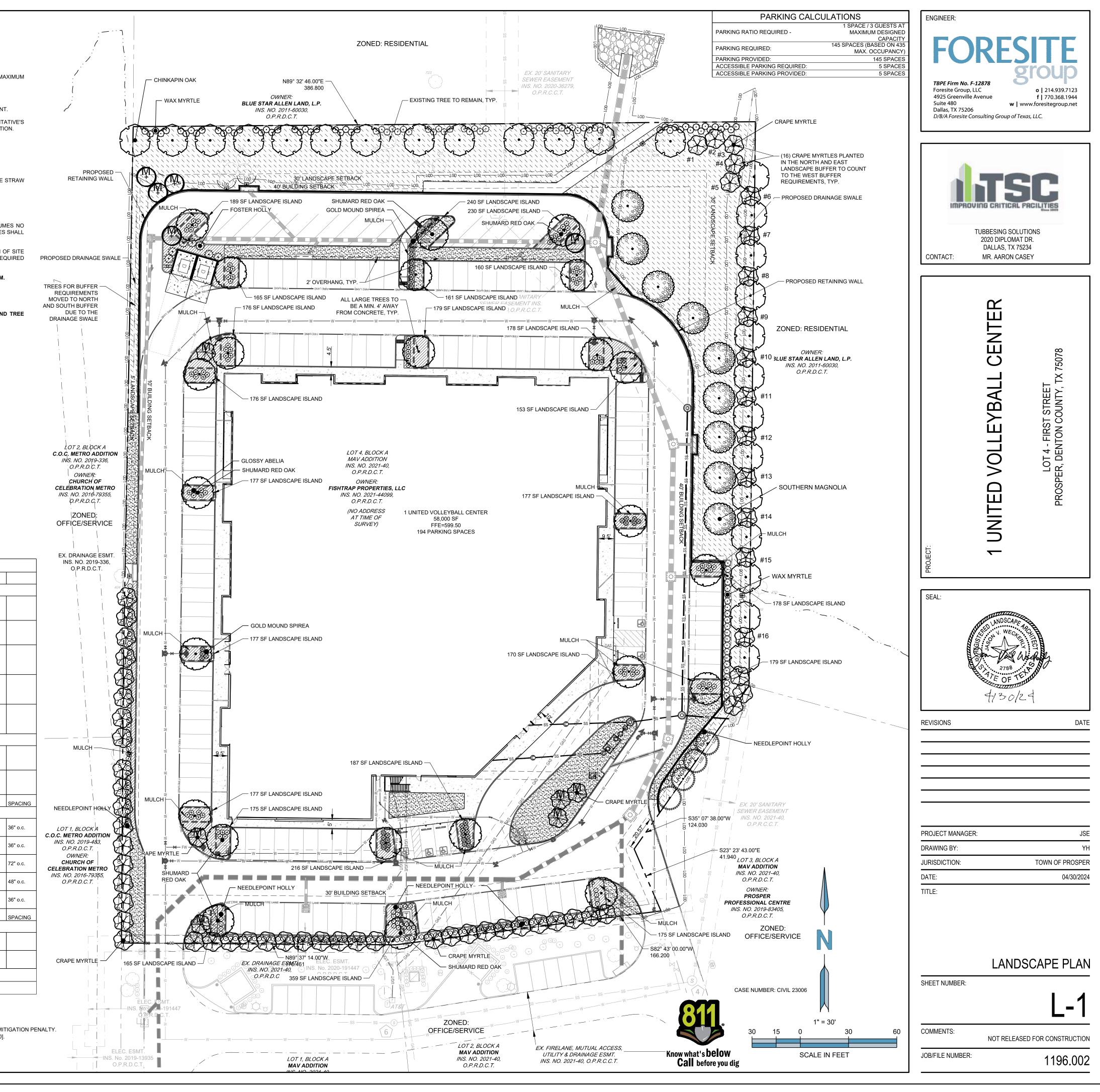
APPRO	OVAL SHALL	BE DONE WITHOUT PENALTY OR ADDITIONAL COST TO OWNER. STA	KE PLANT LOCATIONS AT SITE AND	) OBTAIN OWNER REPRESENTATIVE'S APPROVAL PI	RIOR TO PLANT INSTALLATI	ON.
	CE PLANTS UPRIGHT AND TURNED SO THAT THE MOST ATTRACTIVE SIDE IS VIEWED. FAMILIAR WITH UNDERGROUND UTILITIES BEFORE DIGGING. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ALL DAMAGE OF UTILITY LINES.					
		EL-CUT TRENCH AT SHRUB BEDS IN LAWN AREAS UNLESS OTHERWISE NOTED.				
UNLES	S OTHERWIS	THICKNESS MULCH AT ALL PLANTS AND PLANTING BEDS. MULCH MUST BE 3" THICK AT TIME OF FINAL WALK-THROUGH. MULCH IN SHRUB AND TREE PLANTING BEDS SHALL BE PINE STRA ERWISE NOTED. MULCH IN GROUNDCOVER BEDS TO BE SHREDDED HARDWOOD UNLESS OTHERWISE NOTED.				
		RK SHALL BE PERFORMED UNTIL DATE OF FINAL ACCEPTANCE BY O		LANTING, SOIL MIX, WOOD AND WIRE STAKING MAT	ERIAL, ETC.	
LIABIL	ITITIES NECESSARY TO COMPLETE THE WORK ON THE DRAWING SHALL BE FURNISHED. QUANTITY ESTIMATES HAVE BEEN MADE CAREFULLY, BUT THE OWNER'S REPRESENTATIVE ASSUMES I LITY FOR OMISSION OR ERRORS. HIS ESTIMATES ARE ONLY AN AID FOR CLARIFICATION OF UNITS AND A CHECK FOR THE CONTRACTOR TO COMPARE WITH HIS OWN ESTIMATES. DIFFERENCES SHA ROUGHT TO THE ATTENTION OF OWNER'S REPRESENTATIVE. NO EXTRA COMPENSATION SHALL BE ALLOWED FOR EXTRA QUANTITIES NECESSARY TO COMPLETE THE WORK.					
IMPRC		SCAPING AREAS ADJOIN GRASSED RIGHTS-OF-WAY, SUCH AREAS SHALL BE CONSIDERED PART OF THE LANDSCAPED AREA FOR PURPOSES OF MAINTENANCE. AS OF COMPLETION OF SI IS, THE PROPERTY OWNER SHALL HAVE AN IMPLIED EASEMENT OF THE RIGHT-OF-WAY EXTENDING FROM THE SITE TO THE ROAD PAVEMENT IN ORDER TO COMPLETE THE REQUIR 				
16. REFEF	R TO TM-1 TF	REE MITIGATION PLAN FOR LOCATION, SIZE, AND SPECIES OF EXIST	ING/PRESERVED TREES. REFER TO	IRRIGATION PLANS FOR LAYOUT AND DESCRIPTIC	)N OF IRRIGATION SYSTEM.	
		O BE VEGETATIVE. REFER TO PLANT SCHEDULE FOR HEIGHTS OF E	VERGREEN SCREENING TREES.			
A. ALL F		NDSCAPING GENERAL STANDARDS: ANDSCAPED OPEN AREAS SHALL BE COMPLETELY COVERED WI	TH LIVING PLANT MATERIAL. MUI	CH OR OTHER MATERIALS CAN BE USED AROU	ND REQUIRED SHRUB AND	) TR
	CAPE RE	QUIREMENTS:				
		PE AREA REQUIREMENTS:	PARKING LOT LANDSCAPE: 15 SF OF LANDSCAPING PER 1 PARKING SPACE 15 SF X 145 PARKING SPACE = 2,175 SF LANDSCAPING AREA REQUIRED			
NORTH: 30			<u>4,167 LANDSCAPING AREA PROPOSED</u> 1 LANDSCAPED ISLAND EVERY 15 PARKING SPACES 145 PARKING SPACES / 15 = 10 LANDSCAPED ISLANDS REQUIRED 22 LANDSCAPED ISLANDS PROPOSED MIN. (1) LARGE TREE ON EACH ISLAND @ 15FT O.C. WITH SHRUBS @ 3FT O.C. 22 ISLANDS X 1 LARGE TREE = 22 LARGE TREES REQUIRED			
( )		<u>1 EXISTING TREE &amp; 13 LARGE TREES PROPOSED</u> RUB EVERY 5 LF FOR LIVING SCREEN HRUB = 78 SHRUBS REQUIRED				
EAST: 30' I		78 SHRUBS PROPOSED STRIP, (1) LARGE TREE EVERY 30 LF				
350 L	F / 30 LF X 1	LARGE TREE = 12 LARGE TREES REQUIRED <u>13 LARGE TREES PROPOSED</u>	22 ISLANDS X TLARGE TREE - 22 LARGE TREES REQUIRED 22 LARGE TREES PROPOSED			
	* 9 EVERGREEN TREES AND 23 EVERGREEN SHRUBS PROPOSED ALONG THE EDGE OF FLOODPLAIN FOR SCREENING PURPOSES EVERY PARKING SPACE SHALL BE WITHIN 150 FEET OF A TREE TRUNK.					
		CAPE STRIP, (1) SMALL TREE & (1) 5 GAL SHRUB EVERY 15 LF SMALL TREE & 1 SHRUB = 7 SMALL TREES & 7 SHRUBS REQUIRED 7 TREES & 14 SHRUBS PROPOSED				
		STRIP, (1) SMALL TREE & (1) 5 GAL SHRUB EVERY 15 LF SMALL TREE & 1 SHRUB = 22 SMALL TREES & 22 SHRUBS REQUIRED 22 TREES & 71 SHRUBS PROPOSED				
WEST: 5' L/ 507 L	ANDSCAPE S .F / 15 LF X 1	TRIP, (1) SMALL TREE & (1) 5 GAL SHRUB EVERY 15 LF SMALL TREE & 1 SHRUB = 34 SMALL TREES & 34 SHRUBS REQUIRED 18 TREES* & 51 SHRUBS PROPOSED				
		MOVED TO THE NORTH AND EAST BUFFER DUE TO THE DRAINAGE /EST SIDE. (THE TREE MARKED WITH #)				
NOTE: ONE	E FIVE-GALLC	ON SHRUB =TWO THREE-GALLON SHRUB				
PLANT	SCHED	ULE	I	Ι		
SYMBOL	QTY	BOTANICAL / COMMON NAME	CONT	CAL	SIZE	
	4	ILEX VOMITORIA / YAUPON HOLLY	B & B	3"CAL	7` HT. MIN. / 4` SPR MIN.	
$\bigotimes$	59	LAGERSTROEMIA INDICA / CRAPE MYRTLE	B & B	3"CAL	7` HT. MIN. / 4` SPR MIN.	
	9	MAGNOLIA GRANDIFLORA `D.D. BLANCHARD` / SOUTHERN MAGNOLIA	45 GAL	3" CAL	9-10` MIN.	
$\left\{ \begin{array}{c} \ddots \\ \ddots \end{array} \right\}$	26	QUERCUS ACUMINATA / CHINKAPIN OAK	B & B	4"CAL (UPSIZING 1" FOR ADDITIONAL MITIGATION)	12` HT. MIN. / 8` SPR MIN.	
$\bigcirc$	24	QUERCUS SHUMARDII / SHUMARD RED OAK	B & B	4"CAL (UPSIZING 1" FOR ADDITIONAL MITIGATION)	12` HT. MIN. / 8` SPR MIN.	
MITIGATION	TREES			1	 	
	5	CORNUS ASPERIFOLIA / ROUGHLEAF DOGWOOD	B & B	3" CAL	7` HT. MIN. / 4` SPR MIN.	
	6	LAGERSTROEMIA INDICA / CRAPE MYRTLE	B & B	3"CAL	7` HT. MIN. / 4` SPR MIN.	
SYMBOL	QTY	BOTANICAL / COMMON NAME	CONT	SIZE		SPA
SHRUBS					1	Т
	93	ABELIA X GRANDIFLORA `EDWARD GOUCHER` / GLOSSY ABELIA	7 GAL,2` HT MIN. FULL FOLIAGE			36"
	174	ILEX CORNUTA `NEEDLEPOINT` / NEEDLEPOINT HOLLY	7 GAL,2` HT MIN. FULL FOLIAGE			36"
<b>**</b> *	7	ILEX X ATTENUATA 'FOSTER NO. 2' / FOSTER HOLLY	25 GAL, 6` HT MIN. FULL FOLIAGE			72"
	101	MORELLA CERIFERA / WAX MYRTLE	7 GAL,2` HT MIN. FULL FOLIAGE			48"
	48	SPIRAEA X BUMALDA 'GOLDMOUND' / GOLD MOUND SPIREA	3 GAL, FULL FOLIAGE			36"
SYMBOL SOD/SEED	QTY	BOTANICAL / COMMON NAME	CONT		<u> </u>	SPA
	7,517 SF	CYNODON DACTYLON `TIF 419` / BERMUDA GRASS	SOD			
	30,318 SF	SEEDING	SEED		1	$\left  \right $
		MULCH	1	l	<u> </u>	<u> </u>
		N NOTES:				
REQU 6 CRA	IRED CHINKA PE MYRTLES	OR MITIGATION PURPOSES ARE SHOWN AS MITIGATION TREES IN TH PIN OAKS AND SHUMARD RED OAKS ARE UPSIZED AN ADDITIONAL IN , AND 5 ROUGHLEAF DOGWOODS (ABOVE THE REQUIRED TREES) HA <u>HES</u> FROM UPSIZING AND ADDITIONAL PLANTINGS ARE PROVIDED. 1	NCH TO COUNT TOWARD MITIGATION	VAL TREE MITIGATION. THESE TOTAL 33 INCHES PRO		

2. 4" CALIPER SHUMARD RED OAKS AND 4" CHINKAPIN OAKS MUST BE INSTALLED AT THE TIME OF INSPECTION.

3. REFER TO SHEET TM-1 FOR FULL CALCULATIONS.

## GENERAL LANDSCAPE NOTES: (SEE TOWN OF PROSPER NOTES ON L-2)

- 1. WARRANTY: ALL PLANTS SHALL BE WARRANTED TO REMAIN ALIVE, HEALTHY, AND IN THRIVING CONDITION FOR A PERIOD OF ONE YEAR FROM FINAL ACCEPTANCE
- 2. NEW OR PROPOSED PLANT MATERIALS WILL BE MEASURED AND SIZED ACCORDING TO THE TEXAS ASSOCIATION OF NURSERY (TAN) STANDARDS.
- 3. PLANTS SHALL BE SPECIMEN QUALITY. PLANTS SHALL BE SOUND, HEALTHY AND VIGOROUS, WELL BRANCHED, AND DENSELY FOLIATED WHEN IN LEAF.
- 4. HEIGHT AND SPREAD DIMENSIONS SPECIFIED REFER TO THE MAIN BODY OF THE PLANT AND NOT FROM BRANCH TIP TO TIP. IF A RANGE OF SIZE IS GIVEN, NO PLANT SHALL BE AS LARGE AS THE MAXIMUM SIZE SPECIFIED.
- 5. SHADE TREES SHALL BE STRAIGHT UNLESS OTHERWISE SPECIFIED
- PLANTS SHALL BE SUBJECT TO REVIEW BY OWNER'S REPRESENTATIVE. OWNER'S REPRESENTATIVE SHALL BE THE SOLE JUDGE OF THE QUALITY AND ACCEPTABILITY OF MATERIALS AND PLACEMENT.
  PLANTING PLANS INDICATE DIAGRAMMATIC LOCATIONS ONLY. SITE ADJUSTMENTS OF PLANTING DESIGN AND RELOCATION OF PLANT MATERIAL INSTALLED PRIOR TO OWNER REPRESENTATIVE'S



TOWN OF PROSPER LANDSCAPE NOTES

1. PLANT MATERIAL SHALL BE MEASURED AND SIZED ACCORDING TO THE LATEST EDITION OF THE TEXAS NURSERY & LANDSCAPE AND STANDARDS.

2. ALL PLANT SUBSTITUTIONS ARE SUBJECT TO TOWN APPROVAL AND MUST BE SPECIFIED ON THE APPROVED LANDSCAPE PLAN.

3. ALL TURF AREAS TO BE ESTABLISHED PRIOR TO THE CERTIFICATE OF OCCUPANCY, UNLESS OTHERWISE APPROVED BY THE TOWN.

GROUND COVERS USED IN LIEU OF TURF GRASS MUST PROVIDE COMPLETE COVERAGE WITHIN ONE (1) YEAR OF PLANTING AND MAINTAIN ADEQUATE COVERAGE AS APPROVED BY THE TOWN.
 TREES MUST BE PLANTED FOUR (4) FEET OR GREATER FROM CURBS, SIDEWALKS, UTILITY LINES, SCREENING WALLS, AND/OR OTHERHEALTHY ROOT GROWTH.

6. TREE PITS SHALL HAVE ROUGHENED SIDES AND BE TWO TO THREE TIMES WIDER THAN THE ROOT BALL OF THE TREE IN ORDER TO FACILITATE HEALTHY ROOT GROWTH.

7. TREE PITS SHALL BE TESTED FOR WATER PERCOLATION. IF WATER DOES NOT DRAIN OUT OF TREE PIT WITHIN A 24-HOUR PERIOD, THE CONTRACTOR SHALL PROVIDE BERMING, OR DEVISE ALTERNATIVE DRAINAGE.

8. TREES SHALL NOT BE PLANTED DEEPER THAN THE BASE OF THE "TRUNK FLARE".

9. THE TREE PIT SHALL BE BACKFILLED WITH NATIVE TOPSOIL FREE OF ROCK AND OTHER DEBRIS.

10. BURLAP, TWINE, AND WIRE BASKETS SHALL BE LOOSENED AND PULLED BACK FROM THE TRUNK OF TREE AS MUCH AS POSSIBLE.

11. TREES SHALL NOT BE WATERED TO EXCESS THAT RESULTS IN SOIL SATURATION. IF SOIL BECOMES SATURATED, THE WATERING SCHEDULE SHALL BE ADJUSTED TO ALLOW FOR DRAINAGE AND ABSORPTION OF THE EXCESS WATER.

12. A 3-4" LAYER OF MULCH SHALL BE PROVIDED AROUND THE BASE OF THE PLANTED TREE. THE MULCH SHALL BE PULLED BACK 1-2" FROM THE TRUNK OF THE TREE.

- 13. NO PERSON(S) OR ENTITY MAY USE IMPROPER OR MALICIOUS MAINTENANCE OR PRUNING TECHNIQUES WHICH WOULD LIKELY LEAD TO THE DEATH OF THE TREE. IMPROPER OR MALICIOUS TECHNIQUES INCLUDE, BUT ARE NOT LIMITED TO, TOPPING OR OTHER UNSYMMETRICAL TRIMMING OF TREES, TRIMMING TREES WITH A BACKHOE, OR USE OF FIRE OR POISON TO CAUSE THE DEATH OF A TREE.
- 14. TOPSOIL SHALL BE A MINIMUM OF EIGHT (8) INCHES IN DEPTH IN PLANTING AREAS. SOIL SHALL BE FREE OF STONES, ROOTS, AND CLODS AND ANY OTHER FOREIGN MATERIAL THAT IS NOT BENEFICIAL FOR PLANT GROWTH.
- 15. ALL PLANT BEDS SHALL BE TOP-DRESSED WITH A MINIMUM OF THREE (3) INCHES OF MULCH.
- 16. TREES OVERHANGING WALKS AND PARKING SHALL HAVE A MINIMUM CLEAR TRUNK HEIGHT OF SEVEN (7) FEET. TREES OVERHANGING PUBLIC STREET PAVEMENT DRIVE AISLES AND FIRE LANES SHALL HAVE A MINIMUM CLEAR TRUNK HEIGHT OF FOURTEEN (14) FEET.
  17. A VISIBILITY TRIANGLE MUST BE PROVIDED AT ALL INTERSECTIONS, WHERE SHRUBS ARE NOT TO EXCEED THIRTY (30) INCHES IN HEIGHT, AND TREES SHALL HAVE A MINIMUM CLEAR TRUNK HEIGHT OF FOURTEEN (14) FEET.
- NINE (9) FEET. 18. TREES DI ANTED ON A SLODE SHALL HAVE THE TREE WELL AT THE AVERAGE GRAD OF SLODE
- 18. TREES PLANTED ON A SLOPE SHALL HAVE THE TREE WELL AT THE AVERAGE GRAD OF SLOPE.
- 19. NO SHRUBS SHALL BE PERMITTED WITHIN AREAS LESS THAN THREE (3) FEET IN WIDTH. ALL BEDS LESS THAN THREE (3) FEET IN WIDTH SHALL BE GRASS, GROUNDCOVER, OR SOME TYPE OF FIXED PAVING.
  20. THE OWNER, TENANT, AND/OR THEIR AGENTS, IF ANY, SHALL BE JOINTLY AND SEVERALLY RESPONSIBLE FOR THE MAINTENANCE, ESTABLISHMENT, AND PERMANENCE OF PLANT MATERIAL. ALL LANDSCAPING SHALL BE MAINTAINED IN A NEAT AND ORDERLY MANNER AT ALL TIMES. THIS SHALL INCLUDE, BUT NOT LIMITED TO, MOWING, EDGING, PRUNING, FERTILIZING, WATERING, AND OTHER
- ACTIVITIES NECESSARY FOR THE MAINTENANCE OF LANDSCAPED AREAS. 21. ALL PLANT MATERIAL SHALL BE MAINTAINED IN A HEALTHY AND GROWING CONDITION AS IS APPROPRIATE FOR THE SEASON OF THE YEAR. PLANT MATERIAL THAT IS DAMAGED, DESTROYED, OR DEMONSTRATE OF A DEPONSION OF THE YEAR AND MATERIAL OF OWNING CONDITION AS IS APPROPRIATE FOR THE SEASON OF THE YEAR. PLANT MATERIAL THAT IS DAMAGED, DESTROYED, OR DEMONSTRATE OF A DEPONSION OF THE YEAR AND MATERIAL OF OWNING CONDITION AS IS APPROPRIATE FOR THE SEASON OF THE YEAR. PLANT MATERIAL THAT IS DAMAGED, DESTROYED, OR
- REMOVED SHALL BE REPLACED WITH PLANT MATERIAL OF SIMILAR SIZE AND VARIETY WITHIN THIRTY (30) DAYS UNLESS OTHERWISE APPROVED IN WRITING BY THE TOWN OF PROSPER. 22. LANDSCAPE AND OPEN AREAS SHALL BE KEPT FREE OF TRASH, LITTER, AND WEEDS.
- 23. AN AUTOMATIC IRRIGATION SYSTEM SHALL BE PROVIDED TO IRRIGATE ALL LANDSCAPE AREAS. OVERSPRAY ON STREETS AND WALKS IS PROHIBITED. A PERMIT FROM THE BUILDING INSPECTION DIVISION IS REQUIRED FOR EACH IRRIGATION SYSTEM.
   24. NO PLANT MATERIAL SHALL BE ALLOWED TO ENCROACH ON RIGHT-OF-WAY, SIDEWALKS, OR EASEMENTS TO THE EXTENT THAT THE VISION OR ROUTE OF TRAVEL FOR VEHICULAR, PEDESTRIAN, OR
- 25. NO PLANTING AREAS SHALL EXCEED 3:1 SLOPE (3 FT HORIZONTAL TO 1 FT VERTICAL). 26. EARTHEN BERMS SHALL NOT INCLUDE CONSTRUCTION DEBRIS. CONTRACTOR MUST CORRECT SLIPPAGE OR DAMAGE TO THE SMOOTH FINISH GRAD OF THE BERM PRIOR TO ACCEPTANCE.

27. ALL WALKWAYS SHALL MEET ADA AND TAS REQUIREMENTS.

- 28. CONTACT TOWN OF PROSPER PARKS AND RECREATION DIVISION AT (972) 569-1160 FOR LANDSCAPE INSPECTION. NOTE THAT LANDSCAPE INSTALLATION MUST COMPLY WITH APPROVED LANDSCAPE PLANS PRIOR TO FINAL ACCEPTANCE BY THE TOWN AND/OR OBTAINING A CERTIFICATE OF OCCUPANCY.
- 29. FINAL INSPECTION AND APPROVAL OF SCREENING WALLS, IRRIGATION, AND LANDSCAPE IS SUBJECT TO ALL PUBLIC UTILITIES, INCLUDING BUT NOT LIMITED TO MANHOLES, VALVES, WATER METERS, CLEANOUTS, AND OTHER APPURTENANCES, TO BE ACCESSIBLE, ADJUSTED TO GRADE, AND TO THE TOWN OF PROSPER'S PUBLIC WORKS DEPARTMENT STANDARDS.
- 30. PRIOR TO CALLING FOR A LANDSCAPE INSPECTION, THE CONTRACTOR IS RESPONSIBLE FOR MARKING ALL MANHOLES, VALVES, WATER METERS, CLEANOUTS, AND OTHER UTILITY APPURTENANCES WITH FLAGGING FOR FIELD VERIFICATION BY THE TOWN.

## TOWN OF PROSPER LANDSCAPE MAINTENANCE NOTES

- 1. THE OWNER, TENANT AND/OR THEIR AGENT, IF ANY, SHALL BE JOINTLY AND SEVERALLY RESPONSIBLE FOR THE MAINTENANCE OF ALL LANDSCAPING REQUIRED BY THIS ORDINANCE. ALL PLANT MATERIAL SHALL BE PERPETUALLY MAINTAINED IN A HEALTHY AND GROWING CONDITION AS IS APPROPRIATE FOR THE SEASON OF THE YEAR. PLANT MATERIALS THAT DIE SHALL BE REPLACED BY PROPERTY OWNER, TENANT OR AGENT WITH PLANT MATERIAL OF SIMILAR VARIETY AND SIZE, WITHIN 30 DAYS OF NOTIFICATION BY THE TOWN OR A DATE APPROVED BY THE TOWN.
- 2. ALL TREES LOCATED ON TOWN PROPERTY SHALL BE CARED FOR BY THE TOWN UNLESS THAT RESPONSIBILITY IS TRANSFERRED TO ANOTHER ENTITY THROUGH A COUNCIL-APPROVED AGREEMENT. THE DIRECTOR OF THE PARKS AND RECREATION DEPARTMENT SHALL ENSURE THAT THE TOWN, OR ITS CONTRACTOR, MONITORS AND CARES FOR TREES IN A WAY THAT PROMOTES A HEALTHY AND GROWING URBAN FOREST, IS PERFORMED ACCORDING TO ANSI A300, "STANDARDS FOR TREE CARE OPERATIONS," AND TREE CARE BEST MANAGEMENT PRACTICES PUBLISHED BY THE INTERNATIONAL SOCIETY OF ARBORICULTURE. IT SHALL BE UNLAWFUL TO REMOVE, PRUNE, DAMAGE OR OTHERWISE HARM TREES ON TOWN PROPERTY WITHOUT PERMISSION FROM THE DIRECTOR OF THE PARKS AND RECREATION DEPARTMENT. THE PARKS AND RECREATION DEPARTMENT SHALL BE RESPONSIBLE FOR DEVELOPING AND UPDATING AN ANNUAL WORK PLAN. THIS WORK PLAN SHALL DOCUMENT WHAT MAINTENANCE ACTIVITIES ARE BEING PERFORMED AND SCHEDULED EACH YEAR. THE PARKS AND RECREATION BOARD MAY APPOINT AN ADVISORY COMMITTEE TO FOCUS ON ISSUES AND INITIATIVES THAT PERTAIN TO ANY URBAN FOREST THAT IS LOCATED ON PUBLIC LANDS.

