

OISINI

RX OLLE

> Ω ARY TIO **PRELIMIN** R \ PRESE

DESIGNED BY: DATE: 4/17/2019

JOB NUMBER

6962 SHEET

C052

BRYCE D. HANSON

CERTIFICATE NUMBER: PN 7554A

EXPIRATION DATE: 06/30/19

ENGINEERING APPROVAL.

SHOWN ON THE PLAN.

ONSITE TREES THAT WILL NOT BE EFFECTED BY THE DEVELOPMENT ARE NOT

TREE TABLE				
TREE NUMBER	TYPE	DBH (IN.)	AFTER DEVELOPMENT	
10018	CONIFEROUS	10,9	RETAINED	
10037	DECIDUOUS	7	RETAINED	
10050	CONIFEROUS	11	RETAINED	
10051	DECIDUOUS	6,	RETAINED	
10072	DECIDUOUS	14	RETAINED	
10075	CONIFEROUS	10,8	RETAINED	
10270	CONIFEROUS	30	REMOVED	
10361	CONIFEROUS	32	REMOVED	
10362	CONIFEROUS	40	REMOVED	
10363	CONIFEROUS	30	REMOVED	
10364	CONIFEROUS	32	REMOVED	
10365	CONIFEROUS	26	REMOVED	
10366	CONIFEROUS	32	REMOVED	
10367	CONIFEROUS	52	REMOVED	
10368	DECIDUOUS	12,9	REMOVED	
10369	CONIFEROUS	36	REMOVED	
10370	CONIFEROUS	32	REMOVED	
10371	CONIFEROUS	44	REMOVED	
10372	CONIFEROUS	50	REMOVED	
10373	CONIFEROUS	43	REMOVED	

TREE TABLE					TREE TABLE					
E NUMBER	TYPE	DBH (IN.)	AFTER DEVELOPMENT		TREE NUMBER	TYPE	DBH (IN.)	AFTER DEVELOPM		
10680	DECIDUOUS	30	RETAINED		12016	DECIDUOUS	5	REMOVE		
10681	DECIDUOUS	7	RETAINED		12017	DECIDUOUS	5	REMOVE		
10682	DECIDUOUS	13	RETAINED		12018	DECIDUOUS	5	REMOVE		
10683	DECIDUOUS	21	RETAINED		12019	DECIDUOUS	8,11	REMOVE		
10684	DECIDUOUS	8	RETAINED		12020	DECIDUOUS	7,9,9	REMOVE		
10827	DECIDUOUS	18	REMOVED		12021	DECIDUOUS	6	REMOVE		
10835	CONIFEROUS	16	REMOVED		12022	DECIDUOUS	5,5	REMOVE		
10836	CONIFEROUS	15	REMOVED		12036	DECIDUOUS	5,7	REMOVE		
10837	DECIDUOUS	32	REMOVED		12075	DECIDUOUS	5	REMOVE		
10838	DECIDUOUS	14,10	REMOVED		12144	DECIDUOUS	8,	RETAINE		
10839	DECIDUOUS	8	REMOVED		12146	DECIDUOUS	6	RETAINE		
10840	DECIDUOUS	18,10	REMOVED		12153	DECIDUOUS	10	RETAINE		
10841	CONIFEROUS	8,7	REMOVED		12231	DECIDUOUS	15,16	RETAINE		
10842	DECIDUOUS	6,6	REMOVED		12232	DECIDUOUS	12	RETAINE		
10843	DECIDUOUS	44	REMOVED		12233	DECIDUOUS	10	RETAINE		
10844	CONIFEROUS	9	REMOVED		12234	DECIDUOUS	12	RETAINE		
10845	DECIDUOUS	35	REMOVED		12235	DECIDUOUS	12,17	RETAINE		
10995	DECIDUOUS	34,26	REMOVED		12278	DECIDUOUS	17	RETAINE		
10996	DECIDUOUS	13	REMOVED		12279	DECIDUOUS	14	RETAINE		
10997	DECIDUOUS	16	REMOVED		12306	CONIFEROUS	6	RETAINE		
				'						

						_
	TREE TAB		TREE TAI	_ В		
TREE NUMBER	TREE NUMBER TYPE		AFTER DEVELOPMENT	TREE NUMBER	TYPE	
12016	DECIDUOUS	5	REMOVED	12307	CONIFEROUS	Ī
12017	DECIDUOUS	5	REMOVED	12308	CONIFEROUS	Ī
12018	DECIDUOUS	5	REMOVED	12309	CONIFEROUS	Ī
12019	DECIDUOUS	8,11	REMOVED			
12020	DECIDUOUS	7,9,9	REMOVED			
12021	DECIDUOUS	6	REMOVED			
12022	DECIDUOUS	5,5	REMOVED			
12036	DECIDUOUS	5,7	REMOVED			
12075	DECIDUOUS	5	REMOVED			
12144	DECIDUOUS	8,	RETAINED			
12146	DECIDUOUS	6	RETAINED			
12153	DECIDUOUS	10	RETAINED			
12231	DECIDUOUS	15,16	RETAINED			
12232	DECIDUOUS	12	RETAINED			
12233	DECIDUOUS	10	RETAINED			
12234	DECIDITORIS	10	DETAINED			

	TREE TABLE	<u> </u>			TREE TAB	LE		TREE TABLE				
TREE NUMBER	TYPE	DBH (IN.)	AFTER DEVELOPMENT	TREE NUMBER	TYPE	DBH (IN.)	AFTER DEVELOPMENT	TREE NUMBER	TYPE	DBH (IN.)	AFTER DEVELOPMENT	
10998	DECIDUOUS	16	REMOVED	11120	DECIDUOUS	17	RETAINED	11444	CONIFEROUS	10	REMOVED	
10999	DECIDUOUS	10	REMOVED	11226	DECIDUOUS	7,4	RETAINED	11445	CONIFEROUS	11	REMOVED	
11000	DECIDUOUS	8	REMOVED	11421	DECIDUOUS	10	RETAINED	11446	DECIDUOUS	11	REMOVED	
11001	DECIDUOUS	12	REMOVED	11422	DECIDUOUS	6,6	RETAINED	11447	DECIDUOUS	7	REMOVED	
11002	DECIDUOUS	12	REMOVED	11423	DECIDUOUS	21	RETAINED	11448	CONIFEROUS	12	REMOVED	
11003	CONIFEROUS	15	REMOVED	11424	DECIDUOUS	17,	RETAINED	11449	CONIFEROUS	14	REMOVED	
11011	DECIDUOUS	7	REMOVED	11425	DECIDUOUS	11,	RETAINED	11450	CONIFEROUS	15	REMOVED	
11012	DECIDUOUS	5	REMOVED	11426	DECIDUOUS	9,	RETAINED	11451	DECIDUOUS	6	REMOVED	
11091	DECIDUOUS	8,8	REMOVED	11427	DECIDUOUS	8	RETAINED	11453	DECIDUOUS	7,5	REMOVED	
11092	DECIDUOUS	10	REMOVED	11428	DECIDUOUS	18	RETAINED	11454	DECIDUOUS	7	REMOVED	
11093	CONIFEROUS	37	REMOVED	11429	DECIDUOUS	11	RETAINED	11455	DECIDUOUS	8	REMOVED	
11094	DECIDUOUS	11,9,9,5	REMOVED	11430	DECIDUOUS	18	RETAINED	11456	CONIFEROUS	12	REMOVED	
11095	DECIDUOUS	11	REMOVED	11431	DECIDUOUS	18	RETAINED	11457	CONIFEROUS	12	REMOVED	
11096	DECIDUOUS	CLUSTER,5	REMOVED	11432	DECIDUOUS	4	RETAINED	11458	DECIDUOUS	10,6,6,5,7	REMOVED	
11097	DECIDUOUS	16	REMOVED	11438	CONIFEROUS	6	RETAINED	11459	DECIDUOUS	12,9	REMOVED	
11098	DECIDUOUS	18	REMOVED	11439	CONIFEROUS	10	RETAINED	11460	CONIFEROUS	15	REMOVED	
11099	DECIDUOUS	32	REMOVED	11440	CONIFEROUS	8	RETAINED	11461	DECIDUOUS	10,9,9,6,6,5,5	REMOVED	
11100	DECIDUOUS	7,5	REMOVED	11441	CONIFEROUS	11	RETAINED	11462	DECIDUOUS	9,8,6,8,5	REMOVED	
11101	CONIFEROUS	32,	REMOVED	11442	DECIDUOUS	7	RETAINED	11465	DECIDUOUS	11,6,6	REMOVED	
11102	CONIFEROUS	29	REMOVED	11443	DECIDUOUS	5	RETAINED	11466	DECIDUOUS	9	REMOVED	

	TREE TABLE	Ε			TREE TABL	E		TREE TABLE			
TREE NUMBER	TYPE	DBH (IN.)	AFTER DEVELOPMENT	TREE NUMBER	TYPE	DBH (IN.)	AFTER DEVELOPMENT	TREE NUMBER	TYPE	DBH (IN.)	AFTER DEVELOPMEN
11467	DECIDUOUS	7	REMOVED	11678	DECIDUOUS	4	RETAINED	11837	DECIDUOUS	8	RETAINED
11468	DECIDUOUS	5	REMOVED	11679	DECIDUOUS	4	RETAINED	11838	DECIDUOUS	10	RETAINED
11605	DECIDUOUS	8,8	RETAINED	11680	DECIDUOUS	13	RETAINED	11839	DECIDUOUS	12	RETAINED
11606	DECIDUOUS	8,7	RETAINED	11681	DECIDUOUS	8	RETAINED	11840	DECIDUOUS	8	RETAINED
11617	DECIDUOUS	11	RETAINED	11682	DECIDUOUS	17	RETAINED	11841	DECIDUOUS	12	RETAINED
11620	DECIDUOUS	8,6,6	RETAINED	11709	DECIDUOUS	12	RETAINED	12001	DECIDUOUS	7	REMOVED
11664	CONIFEROUS	42	RETAINED	11710	DECIDUOUS	16	RETAINED	12002	DECIDUOUS	5,5,6	REMOVED
11665	CONIFEROUS	46	RETAINED	11732	CONIFEROUS	48	RETAINED	12003	DECIDUOUS	6	REMOVED
11666	CONIFEROUS	36	RETAINED	11746	DECIDUOUS	36	RETAINED	12004	DECIDUOUS	6,7,5	REMOVED
11667	CONIFEROUS	30	RETAINED	11756	DECIDUOUS	26	RETAINED	12005	DECIDUOUS	6,7,7	REMOVED
11668	CONIFEROUS	36	RETAINED	11767	CONIFEROUS	54	RETAINED	12006	DECIDUOUS	6,8	REMOVED
11669	CONIFEROUS	28	RETAINED	11768	CONIFEROUS	36	RETAINED	12007	DECIDUOUS	6,8	REMOVED
11670	CONIFEROUS	38	RETAINED	11769	CONIFEROUS	32	RETAINED	12008	DECIDUOUS	9,10,10	REMOVED
11671	CONIFEROUS	38	RETAINED	11770	CONIFEROUS	36	RETAINED	12009	DECIDUOUS	7,7,5	REMOVED
11672	CONIFEROUS	40	RETAINED	11771	CONIFEROUS	40	RETAINED	12010	DECIDUOUS	6,6,5	REMOVED
11673	CONIFEROUS	32	RETAINED	11772	CONIFEROUS	46	RETAINED	12011	DECIDUOUS	10	
11674	CONIFEROUS	18	RETAINED	11773	CONIFEROUS	48	RETAINED	12011	DECIDUOUS	6	REMOVED
11675	DECIDUOUS	36	RETAINED	11774	CONIFEROUS	60	RETAINED	12012	DECIDUOUS	12	REMOVED
11676	DECIDUOUS	4	RETAINED	11775	DECIDUOUS	10	RETAINED	12013	DECIDUOUS	9	REMOVED
11677	DECIDUOUS	4	RETAINED	11776	DECIDUOUS	12	RETAINED	12014	DECIDUOUS	6	REMOVED REMOVED

ARBORIST DISCLOSURE STATEMENT

ARBORISTS ARE TREE SPECIALISTS WHO USE THEIR EDUCATION, KNOWLEDGE, TRAINING, AND EXPERIENCE TO EXAMINE TREES, RECOMMEND MEASURES TO ENHANCE THE HEALTH OF TREES, AND ATTEMPT TO REDUCE THE RISK OF LIVING NEAR TREES. THE CLIENT AND JURISDICTION MAY CHOOSE TO ACCEPT OR DISREGARD THE RECOMMENDATIONS OF THE ARBORIST, OR SEEK ADDITIONAL ADVICE.

TREE TABLE

DBH (IN.) DEVELOPMENT

6 RETAINED

6 RETAINED

ARBORISTS CANNOT DETECT EVERY CONDITION THAT COULD POSSIBLY LEAD TO THE STRUCTURAL FAILURE OF A TREE. TREES ARE LIVING ORGANISMS THAT FAIL IN WAYS WE DO NOT FULLY UNDERSTAND. CONDITIONS ARE OFTEN HIDDEN WITHIN TREES AND BELOW GROUND. ARBORISTS CANNOT GUARANTEE THAT A TREE WILL BE HEALTHY OR SAFE UNDER ALL CIRCUMSTANCES, OR FOR A SPECIFIED PERIOD OF TIME. LIKEWISE, REMEDIAL TREATMENTS, LIKE MEDICINE, CANNOT BE GUARANTEED.

TREES CAN BE MANAGED, BUT THEY CANNOT BE CONTROLLED. TO LIVE NEAR TREES IS TO ACCEPT SOME DEGREE OF RISK. THE ONLY WAY TO ELIMINATE ALL RISK ASSOCIATED WITH TREES IS TO ELIMINATE ALL TREES.

AT THE COMPLETION OF CONSTRUCTION, ALL TREES MUST ONCE AGAIN BE REVIEWED TO EVALUATE THEIR HAZARD RATING. LAND CLEARING AND REMOVAL OF ADJACENT TREES CAN EXPOSE PREVIOUSLY UNSEEN DEFECTS AND OTHERWISE HEALTHY TREES CAN BE DAMAGED DURING CONSTRUCTION.

TREE INFORMATION TO BE GATHERED UNDER THE SUPERVISION OF BRYCE HANSON, CERTIFIED ARBORIST, WITH AKS ENGINEERING AND FORESTRY, LLC.

TREES SHOWN TO BE SAVED WILL BE EVALUATED BY THE PROJECT ARBORIST PRIOR TO, DURING, AND AFTER CONSTRUCTION. TREES ADVERSELY AFFECTED BY CONSTRUCTION AND/OR DETERMINED TO BE A SAFETY HAZARD WILL BE REMOVED.

TREE PROTECTION NOTES

- A. PLACING MATERIALS NEAR TREES NO PERSON MAY CONDUCT ANY ACTIVITY WITHIN THE PROTECTED AREA OF ANY TREE DESIGNATED TO REMAIN, INCLUDING, BUT NOT LIMITED TO, PARKING EQUIPMENT, PLACING SOLVENTS, STORING BUILDING MATERIALS AND SOIL DEPOSITS, DUMPING CONCRETE WASHOUT, ETC.
- B. ATTACHMENTS TO TREES DURING CONSTRUCTION, NO PERSON SHALL ATTACH ANY OBJECT TO ANY TREE DESIGNATED FOR PROTECTION.
- C. PROTECTIVE BARRIER BEFORE DEVELOPMENT, LAND CLEARING, FILLING OR ANY LAND ALTERATION FOR WHICH A TREE REMOVAL PERMIT IS
- C.A. SHALL ERECT AND MAINTAIN READILY VISIBLE PROTECTIVE TREE FENCING ALONG THE OUTER EDGE AND COMPLETELY SURROUNDING THE
 - PROTECTED AREA OF ALL PROTECTED TREES OR GROUP OF TREES. FENCES SHALL BE CONSTRUCTED PER THE DETAIL ON THIS SHEET. MAY BE REQUIRED TO COVER WITH MULCH TO A DEPTH OF AT LEAST SIX (6) INCHES OR WITH PLYWOOD OR SIMILAR MATERIAL IN THE
- AREAS ADJOINING THE CRITICAL ROOT ZONE OF A TREE IN ORDER TO PROTECT ROOTS FROM DAMAGE CAUSED BY HEAVY EQUIPMENT. SHALL PROHIBIT EXCAVATION OR COMPACTING OF EARTH OR OTHER POTENTIALLY DAMAGING ACTIVITIES WITHIN THE BARRIERS.
- MAY BE REQUIRED TO MINIMIZE ROOT DAMAGE BY EXCAVATING A TWO (2) FOOT DEEP TRENCH, AT EDGE OF CRITICAL ROOT ZONE, TO CLEANLY SEVER THE ROOTS OF TREES TO BE RETAINED. ROOTS ONE (1) INCH DIAMETER OR GREATER SHALL BE CLEANLY CUT WITH A
- MAY BE REQUIRED TO HAVE CORRECTIVE PRUNING PERFORMED ON PROTECTED TREES IN ORDER TO AVOID DAMAGE FROM MACHINERY
- OR BUILDING ACTIVITY. MAY BE REQUIRED TO MAINTAIN TREES THROUGHOUT THE CONSTRUCTION PERIOD BY WATERING AND FERTILIZING. SHALL MAINTAIN THE PROTECTIVE BARRIERS IN PLACE UNTIL THE PROJECT ARBORIST AUTHORIZES THEIR REMOVAL OR A FINAL
- CERTIFICATE OF OCCUPANCY IS ISSUED, WHICHEVER OCCURS FIRST. SHALL ENSURE THAT ANY LANDSCAPING DONE IN THE PROTECTED ZONE SUBSEQUENT TO THE REMOVAL OF THE BARRIERS SHALL BE
- ACCOMPLISHED WITH LIGHT MACHINERY OR HAND LABOR.

- D.A. THE GRADE SHALL NOT BE ELEVATED OR REDUCED WITHIN THE CRITICAL ROOT ZONE OF TREES TO BE PRESERVED WITHOUT THE PROJECT ARBORISTS'S AUTHORIZATION. THE PROJECT ARBORIST MAY ALLOW COVERAGE OF UP TO ONE HALF OF THE AREA OF THE TREE'S CRITICAL ROOT ZONE WITH LIGHT SOILS (NO CLAY) TO THE MINIMUM DEPTH NECESSARY TO CARRY OUT GRADING OR LANDSCAPING PLANS, IF IT WILL NOT IMPERIL THE SURVIVAL OF THE TREE. AERATION DEVICES MAY BE REQUIRED TO ENSURE THE
- IF THE GRADE ADJACENT TO A PRESERVED TREE IS RAISED SUCH THAT IT COULD SLOUGH OR ERODE INTO THE TREES CRITICAL ROOT ZONE, IT SHALL BE PERMANENTLY STABILIZED TO PREVENT SUFFOCATION OF THE ROOTS.
- THE APPLICANT SHALL NOT INSTALL AN IMPERVIOUS SURFACE WITHIN THE CRITICAL ROOT ZONE OF ANY TREE TO BE RETAINED WITHOUT THE AUTHORIZATION OF THE PROJECT ARBORIST. THE PROJECT ARBORIST MAY REQUIRE SPECIFIC CONSTRUCTION METHODS AND/OR USE OF AERATION DEVICES TO ENSURE THE TREE'S SURVIVAL AND TO MINIMIZE THE POTENTIAL FOR ROOT INDUCED DAMAGE TO THE IMPERVIOUS SURFACE.
- TO THE GREATEST EXTENT PRACTICAL, UTILITY TRENCHES SHALL BE LOCATED OUTSIDE OF THE CRITICAL ROOT ZONE OF TREES TO BE RETAINED. THE PROJECT ARBORIST MAY REQUIRE THAT UTILITIES BE TUNNELED UNDER THE ROOTS OF TREES TO BE RETAINED IF THE PROJECT ARBORIST DETERMINES THAT TRENCHING WOULD SIGNIFICANTLY REDUCE THE CHANCES OF THE TREE'S SURVIVAL.
- TREE AND OTHER VEGETATION TO BE RETAINED SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION. CLEARING OPERATIONS SHALL BE CONDUCTED SO AS TO EXPOSE THE SMALLEST PRACTICAL AREA OF SOIL TO EROSION FOR THE LEAST POSSIBLE TIME. TO CONTROL EROSION, SHRUBS, GROUND COVER, AND STUMPS SHALL BE MAINTAINED ON THE INDIVIDUAL LOTS, WHERE FEASIBLE. WHERE NOT FEASIBLE, APPROPRIATE EROSION CONTROL PRACTICES SHALL BE IMPLEMENTED PURSUANT TO LA CENTER MUNICIPAL CODE (LCMC)
- E. DIRECTIONAL FELLING OF TREES SHALL BE USED TO AVOID DAMAGE TO TREES DESIGNATED FOR RETENTION.
- ADDITIONAL REQUIREMENTS THE PROJECT ARBORIST MAY REQUIRE ADDITIONAL TREE PROTECTION MEASURES WHICH ARE CONSISTENT WITH ACCEPTED URBAN FORESTRY PRACTICES.
- G. ENCROACHMENT INTO THE ROOT PROTECTION ZONE IS ALLOWED WITH PROJECT ARBORIST APPROVAL AS DESCRIBED IN THE FOLLOWING
- G.A. EXCAVATION IN THE TOP 24 INCHES OF THE SOIL IN THE CRITICAL ROOT ZONE AREA SHOULD BEGIN AT THE EXCAVATION LINE THAT IS CLOSEST TO THE TREE.
- THE EXCAVATION SHOULD BE DONE BY HAND/SHOVEL OR WITH A BACKHOE AND A MAN WITH A SHOVEL, PRUNING SHEARS, AND A PRUNING SAW.
- IF DONE BY HAND, ALL ROOTS 1 INCH OR LARGER SHOULD BE PRUNED AT THE EXCAVATION LINE.
- IF DONE WITH BACKHOE (MOST LIKELY SCENARIO), THEN THE OPERATOR SHALL START THE CUT AT THE EXCAVATION LINE AND CAREFULLY "FEEL" FOR ROOT/RESISTANCE. WHEN THERE IS RESISTANCE, THE MAN WITH THE SHOVEL HAND DIGS AROUND THE ROOTS AND PRUNES THE ROOTS LARGER THAN 1 INCH DIAMETER.
- THE BACKHOE IS TO REMAIN OFF OF THE TREE ROOTS TO BE PRESERVED AT ALL TIMES.
- ALL ROOTS SHALL BE CUT CLEANLY WITH PRUNING SHEARS OR A PRUNING SAW.
- PROJECT ARBORIST MUST BE ONSITE DURING ANY WORK WITHIN THE TREE ROOT PROTECTION ZONE.
- TREE PROTECTION ZONE IS DEFINED AS ALL AREAS BOUND AND PROTECTING THE OPTIMAL TREE PROTECTION ZONE.
- TIMELINE FOR CLEARING, GRADING, AND INSTALLATION OF TREE PROTECTION MEASURES: WORK WILL BEGIN IMMEDIATELY FOLLOWING FINAL APPROVAL BY THE CITY. TREE PROTECTION MEASURES WILL BE DONE DURING CLEARING AND ANY GRADING WILL FOLLOW.
- J. PRUNING/TREE REMOVAL NOTES: THE WORK TO BE COMPLETED UNDER THIS PROJECT SHALL CONSIST OF TREE REMOVAL AND TREE
- J.A. THE CONTRACTOR SHALL PROVIDE ADEQUATE CREW OF MEN, EQUIPMENT AND MATERIALS TO SAFELY AND EFFICIENTLY COMPLETE THE ASSIGNED WORK. EACH SUCH CREW SHALL INCLUDE AN INDIVIDUAL WHO SHALL BE DESIGNATED AS THE CREW SUPERVISOR AND WHO SHALL BE RESPONSIBLE FOR THE CREW'S ACTIVITIES AND WHO SHALL RECEIVE INSTRUCTION FROM THE OWNER OR THE OWNER'S REPRESENTATIVE AND DIRECT THE CREW TO ACCOMPLISH SUCH WORK.
- WHENEVER A TREE, WHICH IS NOT SCHEDULED TO BE REMOVED, MUST BE TRIMMED OR PRUNED. THE CONTRACTOR SHALL INSURE THAT SUCH TRIMMING AND PRUNING IS CARRIED OUT UNDER THE DIRECT SUPERVISION OF A LICENSED ARBORIST. ALL PRUNING AND TRIMMING SHALL BE PERFORMED IN ACCORDANCE WITH THE PROVISIONS OF ANSI A300 "STANDARD PRACTICES FOR TREE, SHRUB AND OTHER WOODY PLANT MAINTENANCE".
- J.C. THE CONTRACTOR SHALL BE REQUIRED TO CUT TREES TO A HEIGHT OF APPROXIMATELY 12". THE STUMPS AND ROOTS SHALL BE GROUND DOWN A MINIMUM OF TWELVE (12) INCHES BELOW NORMAL GROUND LEVEL.
- THE CONTRACTOR SHALL PERFORM ALL WORK IN ACCORDANCE WITH THE LATEST GOVERNMENTAL SAFETY REGULATIONS. ALL WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH ANSI Z133.1 "PRUNING, TRIMMING, REPAIRING, MAINTAINING AND REMOVING TREES AND CUTTING BRUSH-SAFETY REQUIREMENTS" WITH SPECIAL EMPHASIS GIVEN TO THE REQUIREMENT THAT ONLY QUALIFIED
- LINE-CLEARANCE TREE TRIMMERS BE ASSIGNED TO WORK WHERE A POTENTIAL ELECTRICAL HAZARD EXISTS. J.E. THE CONTRACTOR SHALL MAKE ALL THE NECESSARY ARRANGEMENTS WITH ANY UTILITY THAT MUST BE PROTECTED OR RELOCATED IN ORDER TO ACCOMPLISH THE WORK. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE PROTECTION OF THE OPERATING CONDITION OF ALL ACTIVE UTILITIES WITHIN THE AREA OF CONSTRUCTION AND THEY SHALL TAKE ALL NECESSARY PRECAUTIONS TO AVOID DAMAGE TO EXISTING UTILITIES.
- ANY MATERIAL RESULTING FROM THE TRIMMING OR REMOVAL OF ANY TREES SHALL BECOME THE RESPONSIBILITY OF THE CONTRACTOR. HAZARDOUS TREES-REPORTING - ANY PERSON ENGAGED IN TRIMMING OR PRUNING WHO BECOMES AWARE OF A TREE OF DOUBTFUL STRENGTH, THAT COULD BE DANGEROUS TO PERSONS AND PROPERTY, SHALL REPORT SUCH TREE(S) TO THE OWNER OR THE OWNERS
- REPRESENTATIVE. SUCH TREES SHALL INCLUDE THOSE THAT ARE OVER MATURE, DISEASED, OR SHOWING SIGNS OF DECAY OR OTHER STRUCTURAL WEAKNESS. DAMAGES-ANY DAMAGE CAUSED BY THE CONTRACTOR, INCLUDING, BUT NOT LIMITED TO, BROKEN SIDEWALK, CURB, RUTTED LAWN,
- BROKEN WATER SHUT-OFFS, WIRE DAMAGE, BUILDING DAMAGE, STREET DAMAGE, ETC., WILL BE REPAIRED OR REPLACED IN A TIMELY MANNER, TO THE OWNER'S SATISFACTION, AND ALL COSTS PAID BY THE CONTRACTOR.
- ANY BRUSH CLEARING REQUIRED WITHIN THE TREE PROTECTION ZONE SHALL BE ACCOMPLISHED WITH HAND OPERATED EQUIPMENT. TREES TO BE REMOVED SHALL BE FELLED SO AS TO FALL AWAY FROM TREE ROOT PROTECTION ZONES AND TO AVOID PULLING AND
- BREAKING OF ROOTS TO REMAIN. ALL DOWNED BRUSH AND TREES SHALL BE REMOVED FROM THE TREE PROTECTION ZONE EITHER BY HAND OR WITH EQUIPMENT SITTING OUTSIDE THE TREE ROOT PROTECTION ZONE. EXTRACTION SHALL OCCUR BY LIFTING THE MATERIAL OUT, NOT BY SKIDDING IT ACROSS
- THE GROUND. IF TEMPORARY HAUL OR ACCESS ROADS MUST PASS OVER THE ROOT AREA OF TREES TO BE RETAINED A ROADBED OF 6 INCHES OF
- MULCH OR GRAVEL SHALL BE CREATED TO PROTECT THE SOIL. THE ROADBED MATERIAL SHALL BE REPLENISHED AS NECESSARY TO MAINTAIN A 6-INCH DEPTH.
- J.M. PRUNING. TREES SHALL BE PRUNED PRIOR TO THE START OF CONSTRUCTION. TREES SHALL BE CROWN CLEANED TO REMOVE THE DEADWOOD 2 INCHES IN DIAMETER AND OVER. TREES SHALL BE CROWN THINNED BY 10-20%. CROWNS MAY BE RAISED BY REMOVING BOTTOM BRANCHES AS NECESSARY UP TO 14 FEET HIGH TO GIVE CLEARANCE FOR ANY CONSTRUCTION TRAFFIC, ACTIVITIES, ETC. ALL WORK TO BE DONE IN ACCORDANCE WITH ANSI A300 PRUNING STANDARDS. REMOVE ANY LIMBS OF DOUBTFUL STRENGTH THAT COULD BE DANGEROUS TO PERSONS AND PROPERTY.



A N \mathbf{C}

DESIGNED BY:	JR:
DRAWN BY:	MRI
MANAGED BY:	SMI
CHECKED BY:	JRS
DATE: 4/17/2019	

JOB NUMBER

SHEET