

1" Service Connection and Post Hydrant Schedule								
No.	Waterline Tap Location			Post Hydrant Location (1)			Approximate Service Line Length (FT)	Service Line Bid Item (2)
	Station	Offset	Side	Station	Offset	Side		
1	100+16.78	27.1	Lt	100+16.77	44.6	Lt	17.5	Short
2	100+60.63	27.1	Lt	100+60.66	43.7	Rt	70.9	Long
3	103+64.81	24.7	Lt	103+64.89	44.0	Lt	19.3	Short
4	104+20.02	25.8	Rt	104+19.96	43.8	Rt	18	Short
5	107+40.13	26.8	Rt	107+40.08	42.9	Rt	16.1	Short
6	107+53.09	23.0	Lt	107+53.47	45.5	Lt	22.5	Short
7	111+51.15	32.3	Lt	111+51.16	44.2	Lt	11.9	Short
8	111+66.97	32.2	Lt	111+66.94	44.7	Rt	76.9	Long
9	115+16.97	32.1	Lt	115+16.94	44.6	Rt	76.7	Long
10	115+30.51	32.1	Lt	115+30.51	44.0	Lt	11.9	Short
11	118+75.52	30.7	Lt	118+75.70	43.5	Lt	12.8	Short
12	119+18.74	30.7	Lt	119+04.15	44.4	Rt	74.8	Long
13	124+69.06	31.5	Lt	124+69.07	34.9	Lt	3.3	Short
14	126+26.89	31.4	Lt	126+26.90	43.6	Lt	12.2	Short
15	128+27.11	32.0	Lt	128+27.07	43.8	Lt	11.8	Short
16	128+43.10	31.9	Lt	128+43.24	44.7	Rt	76.7	Long
17	130+64.48	31.1	Lt	130+64.59	43.6	Lt	12.5	Short
18	130+76.37	31.0	Lt	130+75.69	44.5	Rt	75.4	Long
Total Long Services =							6	
Total Short Services =							12	

- POST HYDRANT SHALL BE MURDOCK SAFEWATER HYDRANT MODEL M-NPL75 IN BLACK PAINT WITH 4" DEPTH OF BURY AND ASSE 1052 VACUUM BREAKER.
- CONTRACTOR SHALL INSTALL 1" METER SETTING AND METER FOR ALL SERVICE CONNECTIONS IN ACCORDANCE WITH CITY OF WICHITA STANDARD WATER SERVICE DETAIL WL-102. ALL METER LOCATIONS SHALL BE APPROVED BY CITY OF WICHITA WATER DEPARTMENT PRIOR TO INSTALLATION. ALL COSTS ASSOCIATED WITH METER SETTING AND METER INSTALLATION, INCLUDING ALL FEES REQUIRED BY CITY OF WICHITA, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE INCLUDED IN THE SERVICE LINE BID ITEM AND NOT PAID FOR SEPARATELY.

PLANTING NOTES

PLANTING PREPARATION

- BACK FILL SHALL BE A FRIABLE LOAM WITH GOOD STRUCTURE. SOLUBLE SALTS SHALL NOT EXCEED 500ppm AND ORGANIC MATTER SHALL BE NO LESS THAN 3%. The pH SHALL RANGE BETWEEN 5.5 AND 7.4, AND SHALL BE FREE OF WEED SEED, ROCK OR OTHER DELETERIOUS MATERIALS.
- THE CONTRACTOR SHALL HAVE TOPSOIL TESTED BY A CERTIFIED TESTING LABORATORY AND OBTAIN RECOMMENDATIONS FOR SOIL AMENDMENT TYPE(S) AND QUANTITIES. RECOMMENDATIONS SHALL BE SPECIFIC TO THE TOPSOIL OF THIS REPORT TO THE LANDSCAPE ARCHITECT FOR THEIR RECORDS. THE LANDSCAPE CONTRACTOR SHALL BE EXPECTED TO AMEND SOILS PER THE RECOMMENDATIONS AND SPECIFICATIONS.

PLANTING MATERIALS

- PLANT MATERIAL SHALL BE WELL-FORMED AND DEVELOPED IN GOOD CONDITION, HEALTHY, VIGOROUS AND FREE OF PESTS AND DISEASE.
- ALL TRUNK AND/OR CONTAINER SIZES SPECIFIED ARE A MINIMUM REQUIREMENT FOR PLANT MATERIAL.
- PLANTS SHALL COMPLY IN ALL APPLICABLE RESPECTS WITH ACCEPTABLE STANDARDS AS SET FORTH IN THE AMERICAN ASSOCIATION OF NURSERYMAN'S "AMERICAN STANDARD OF NURSERY STOCK." THESE STANDARDS SHALL REPRESENT THE GUIDELINE SPECIFICATIONS ONLY AND SHALL CONSTITUTE THE MINIMUM QUALITY REQUIREMENTS FOR PLANT MATERIALS.
- ALL TREES SHALL HAVE STRAIGHT TRUNKS AND FULL CROWN AND MEET ALL REQUIREMENTS SPECIFIED. ALL TREES MUST BE GUYED OR STAKED AS SHOWN IN THE DETAILS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE DELIVERY SCHEDULE AND PROTECTION BETWEEN DELIVERY AND PLANTING PER SPECIFICATIONS TO MAINTAIN HEALTHY PLANT CONDITIONS.
- PLANT MATERIALS SHALL BE PROTECTED FROM THE DRYING ACTION OF THE SUN AND WIND AFTER BEING DUG, WHILE BEING TRANSPORTED, AND WHILE AWAITING PLANTING. BALLS OF PLANTS WHICH CANNOT BE PLANTED IMMEDIATELY SHALL BE PROTECTED FROM DRYING ACTION BY COVERING THEM WITH MOIST MULCH. PERIODICALLY, APPLY WATER TO MULCH-COVERED BALLS TO KEEP MOIST. IF PLANTING SHOULD OCCUR DURING GROWING SEASON, APPLY ANTI-DESSICANT TO LEAVES BEFORE TRANSPORT TO REDUCE LIKELIHOOD OF WINDBURN. REAPPLY ANTI-DESSICANT AFTER PLANTING TO REDUCE TRANSPIRATION.
- ALL PLANT MATERIAL SHALL BE BALLED AND BURLAPPED AS INDICATED IN THE PLANT SCHEDULE
- ANY PLANT MATERIAL WHICH IS DISEASED, DISTRESSED, DEAD, OR REJECTED (PRIOR TO SUBSTANTIAL COMPLETION) SHALL BE PROMPTLY REMOVED FROM THE SITE AND REPLACED WITH MATERIAL OF THE SAME SPECIES, QUANTITY, AND SIZE MEETING ALL PLANT LIST SPECIFICATIONS.

RELATED ITEMS

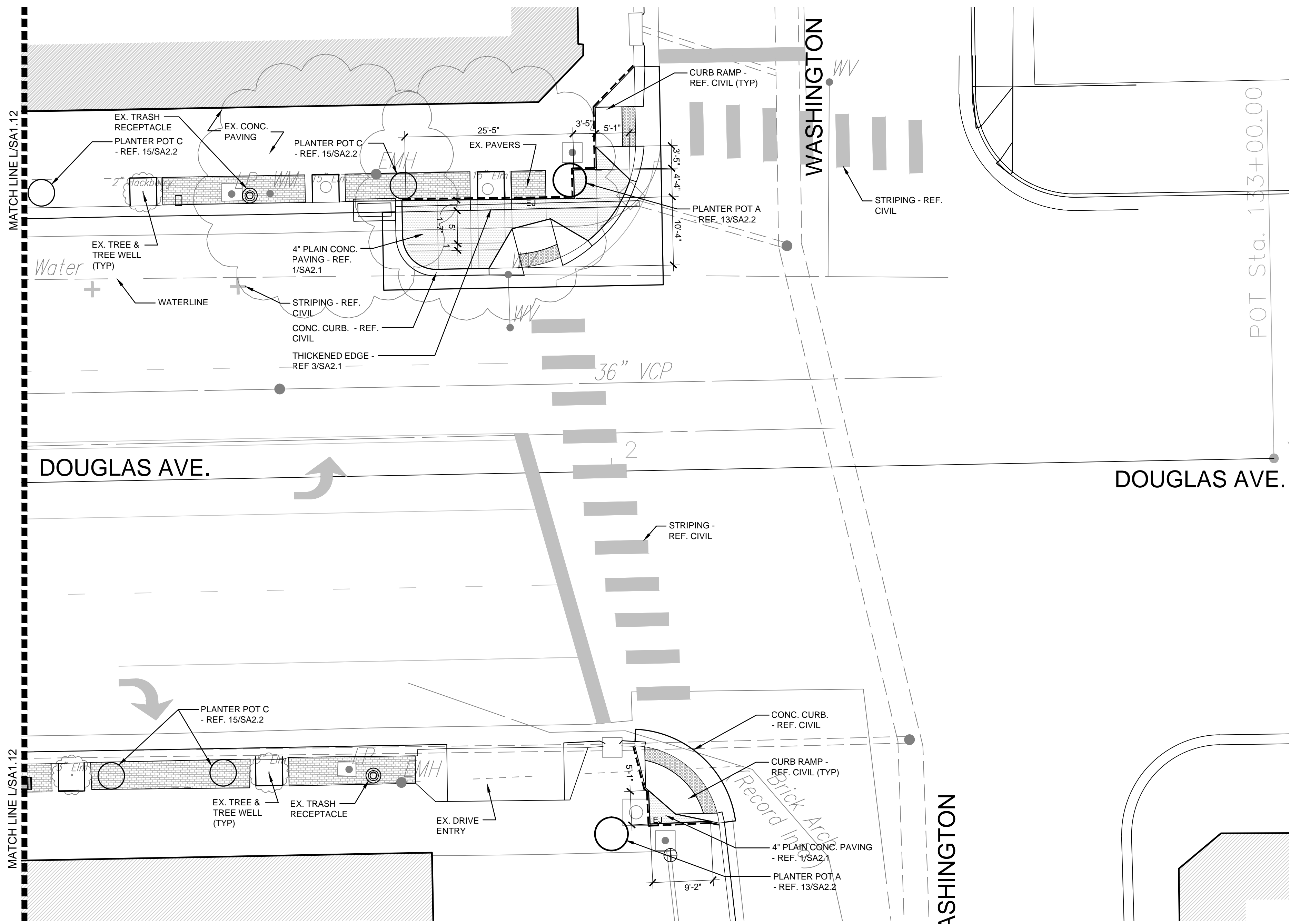
- LANDSCAPE CONTRACTOR TO INCORPORATE A MYCORRHIZAL INOCULATE IN ALL PLANTING PITS. USE BROAD SPECTRUM ENDO AND EXTO-MYCORRHIZAL PRODUCT IN GRANULAR OR TABLE FORM.
- THE LANDSCAPE CONTRACTOR SHALL FERTILIZE ALL PLANTINGS WITH A 10-20-10 SLOW RELEASE FERTILIZER AS DIRECTED BY INSTRUCTIONS ON PACKAGING.
- ALL TREE WELLS SHALL BE COMPLETELY MULCHED WITH A 3/8" TO 3/4" PEA GRAVEL A MINIMUM DEPTH OF 3".

MAINTENANCE AND CLEAN-UP

- THE CONTRACTOR SHALL PROVIDE ALL WATER, WATERING DEVICES AND LABOR NEEDED TO IRRIGATE PLANT MATERIALS FOR THE GREATER OF 90 DAYS OR UNTIL PROVISIONAL ACCEPTANCE OF THE PROJECT. THE CONTRACTOR SHALL SUPPLY ENOUGH WATER TO MAINTAIN THE PLANTS' HEALTHY CONDITION THROUGHOUT THE MAINTENANCE PERIOD.
- REMOVE ALL RUBBISH, EQUIPMENT AND MATERIAL AND LEAVE THE AREA IN A NEAT, CLEAN CONDITION EACH DAY. MAINTAIN PAVED AREAS UTILIZED FOR HAULING EQUIPMENT AND MATERIALS BY OTHER TRADES IN A CLEAN AND UNOBSTRUCTED CONDITION AT ALL TIMES.
- REMOVE SOIL OR DIRT THAT ACCUMULATED DURING OR AS A RESULT OF PLANTING OPERATIONS EACH DAY.
- LIMIT AMOUNT OF PRUNING TO A MINIMUM NECESSARY TO REMOVE DEAD OR INJURED TWIGS AND BRANCHES. PRUNE IN SUCH A MANNER AS NOT TO CHANGE NATURAL HABIT OR SHAPE OF PLANT. MAKE CUTS FLUSH, LEAVING NO STUBS. CENTRAL LEADERS SHALL NOT BE REMOVED.
- LANDSCAPE CONTRACTOR TO REMOVE TREE GUYS AND ALL DEAD WOOD ON TREES AND SHRUBS ONE YEAR AFTER PROVISIONAL ACCEPTANCE.

TREE PROTECTION/PRESERVATION/TRANSPLANTING NOTES

- EXITING TREES TO REMAIN IN PLACE ARE LOCATED WITHIN OR NEAR EXTENTS OF WORK. EXTREME CAUTION SHALL BE USED WHEN WORKING WITHIN ROOT ZONE OF TREES TO REMAIN IN PLACE. IF ROOTS ARE DAMAGE DUE TO CONSTRUCTION WORK THE CONTRACTOR SHALL HIRE A LICENSED ARBORIST TO MITIGATE DAMAGE.
- IN THE EVENT AN EXISTING TREE TO REMAIN IN PLACE DIES AS A RESULT OF CONSTRUCTION WORK THE CONTRACTOR SHALL REPLACE IT WITH A TREE SPECIES SPECIFIED BY THE LANDSCAPE ARCHITECT WITH A MINIMUM CALIPER SIZE OF 3IN. AT NO ADDITIONAL COST TO OWNER.



M SITE ARCHITECTURAL PLAN

1" = 10'-0" NORTH

PLANT SCHEDULE

TREES	QTY	BOTANICAL NAME	COMMON NAME	CONT	SIZE	REMARKS
LIQ ROT	2	Liquidambar styraciflua 'Rotundiloba' TM	Round-Lobed Sweet Gum	B & B	3" Cal	Limb tree to a minimum of 6' above paving.
PIS PAI	4	Pistacia chinensis 'Pai's Choice'	Western Son Pistache	B & B	3" Cal	Limb tree to a minimum of 6' above paving.
PLA EXC	11	Platanus x acerifolia 'Exclamation' TM	Exclamation London Plane Tree	B & B	3" Cal	Limb tree to a minimum of 6' above paving.
QUE CT8	2	Quercus alba 'Crimson Spire'	Crimson Spire Oak	B & B	3" Cal	Limb tree to a minimum of 6' above paving.
QUE SHU	4	Quercus shumardii	Shumard Red Oak	B & B	3" Cal	Limb tree to a minimum of 6' above paving.
SYR IVO	3	Syringa reticulata 'Ivory Silk'	Ivory Silk Japanese Tree Lilac	B & B	3" Cal	Limb tree to a minimum of 6' above paving.
ULM UP5	5	Ulmus parvifolia 'UPMTF'	Bosque Lacebark Elm	B & B	3" Cal	Limb tree to a minimum of 6' above paving.

- NOTE:
- CONTACT CITY OF WICHITA PROJECT MANAGER & THE PROJECT LANDSCAPE ARCHITECT FOR FINAL FIELD LOCATIONS OF ALL PLANTER POTS, BENCHES, & BIKE RACKS.
 - ALL VALVES, METERS, AND VAULTS REMAINING IN PLACE - ADJUST TO MATCH PROPOSED GRADE (SEE CIVIL).
 - INSTALL EXPANSION JOINTS BETWEEN ALL EXISTING CONCRETE PAVING & NEW PAVING.
 - ADJUST CLAM SHELL BASES AROUND LIGHT POLE BASES TO MATCH PROPOSED GRADES.
 - ALL JOINTS NOT OTHERWISE SPECIFIED TO BE CONTROL JOINTS.
 - SITE AMENITIES: REFER "SITE AMENITIES SCHEDULE" ON SHEET GNS.

PRINTS ISSUED		
DATE	PURPOSE	NO.
12.02.16	FOR BID	

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SHEET TITLE:
SITE ARCHITECTURAL PLAN

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