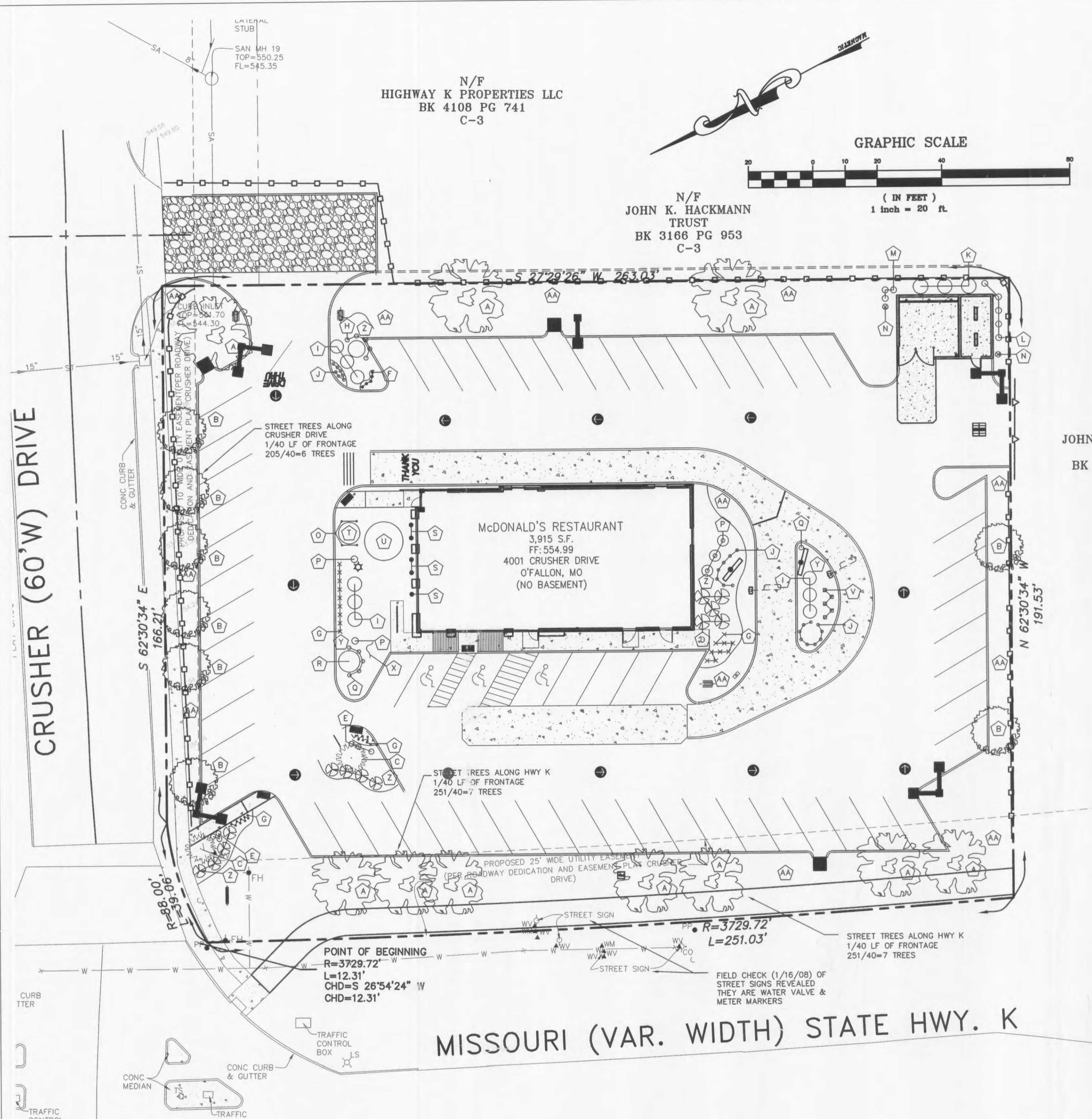


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LANDSCAPE LEGEND:

QUAN.	TYPE	SIZE	QUAN.	TYPE	SIZE
10	RED SUNSET MAPLES	2" CAL	2	CRAPMYRTLE	5 GAL
8	HOMBEAM TREES	2" CAL	5	COREOPSIS	1 GAL
1	RED BUD TREES	2" CAL	5	THREAD BRANCH CYPRESS	3 GAL
5	NANDINA FIREPOWER	3 GAL	6	HAMELIN GRASS	3 GAL
3	EMERALD GOLD EUONYMUS	5 GAL	1	ATLAS CEDAR	6'
5	MAY NIGHT SALVIA	1 GAL	5	HALO DOGWOOD	5 GAL
27	STELLA LILLY	1 GAL	1	JAPANESE LACE MAPLE	3'-4'
5	GREEN VELVET BOXWOOD	5 GAL	1	FAT ALBERT SPRUCE	5'-6'
9	KNOCK OUT ROSES	3 GAL	5	MAGIC CARPET SPIREA	5 GAL
23	VARIEGATED LIRIOPE	1 GAL	1	ARBORVITAE ON STANDARD	7 GAL
3	EMERALD GREEN ARBORVITAE	5'-6"	X	GRANITE ACCENT BOULDERS	
5	BURNING BUSH	18" TO 24"	Y	DECORATIVE ROCK	
3	NINE BARK SUMMER WINE	5 GAL	Z	RED MULCH	
			AA	SOD	

GENERAL LANDSCAPE NOTES

- QUALITY ASSURANCE**
A. CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF FEDERAL, STATE, AND LOCAL LAWS, REGULATIONS, AND CODES HAVING JURISDICTION AT THE PROJECT SITE, AND SHALL BE RESPONSIBLE FOR CERTIFICATES OF INSPECTION OF PLANT MATERIALS THAT MAY BE REQUIRED TO ACCOMPANY SHIPMENTS OF PLANTS.
B. PLANT MATERIALS SHALL CONFORM TO THE AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI) Z60.1, LATEST EDITION FOR QUALITY AND SIZE OF MATERIAL; THE "AMERICAN STANDARD OF NURSERY STOCK", BY THE AMERICAN ASSOCIATION OF NURSERMEN; AND TO THE "STANDARD PLANT NAMES" BY THE AMERICAN JOINT COMMITTEE OF HORTICULTURAL NOMENCLATURE.
C. PLANTS SHALL BE SUBJECT TO INSPECTION AND APPROVAL BY THE OWNER'S REPRESENTATIVE AT THEIR PLACE OF GROWTH, OR AT THE PROJECT SITE, AT THE OWNER'S REPRESENTATIVE'S DISCRETION. PLANTS NOT INSPECTED AND APPROVED PRIOR TO INSTALLATION SHALL BE SUBJECT TO REJECTION BY THE OWNER'S REPRESENTATIVE IF, IN THE OWNER'S REPRESENTATIVE'S OPINION, THE PLANT MATERIALS DO NOT CONFORM TO THE SPECIFICATIONS.
D. PROVIDE THE OWNER'S REPRESENTATIVE WITH INSPECTION CERTIFICATES THAT CERTIFY EACH SHIPMENT OF PLANT MATERIALS ARE FREE FROM DISEASE AND INFESTATION AS MAY BE REQUIRED BY LAW.
E. CONTRACTOR SHALL PROVIDE A WRITTEN GUARANTEE TO THE OWNER THAT ALL TREES, SHRUBS, AND PLANT MATERIALS WILL MAINTAIN VIGOROUS AND HEALTHY GROWTH FOR A PERIOD OF 1 YEAR. THE GUARANTEE FOR EACH PERIOD SHALL BEGIN ON THE DATE OF FINAL WRITTEN ACCEPTANCE OF THE WORK BY THE OWNER, AFTER SUCCESSFUL COMPLETION OF THE SPECIFIED MAINTENANCE PERIOD.
- PRODUCT HANDLING**
A. PROTECT ALL PLANT MATERIAL FROM DRYING WINDS AND SUN AT ALL TIMES. DO NOT TRANSPORT MATERIAL WITHOUT USING ADEQUATE PROTECTION TO PREVENT WIND BURN OR EXCESSIVE DRYING OF THE ROOT BALLS OR CONTAINERS.
B. HANDLE ALL PLANT MATERIALS BY THEIR ROOT BALLS OR CONTAINERS. PROVIDE PROTECTION TO TREE TRUNKS AND STEMS TO PREVENT INJURY OR DAMAGE.
- MATERIALS**
A. PLANT MATERIALS SHALL CONFORM TO THE ABOVE-REFERENCED SPECIFICATIONS FOR QUALITY AND SIZE, SHALL BE TRUE TO NAME, AND SHALL BE FREE OF DEFECTS, INJURY, DISEASE, AND INFESTATION.
B. TOPSOIL SHALL BE CLAY LOAM, HAVING A MAXIMUM OF 25% CLAY OR 15% SILT, AND SHALL BE OBTAINED FROM AN AGRICULTURAL AREA.
C. FERTILIZER SHALL BE 5-10-5 (5% NITROGEN, 10% PHOSPHORUS, AND 5% POTASH) COMMERCIAL GRADE, GRANULAR FORM, WITH 50% OF THE NITROGEN IN SLOW RELEASE FORM.
D. MULCH SHALL BE SHREDDED BARK OR HARDWOOD TREES SUCH AS OAK, CYPRESS, OR WALNUT.
E. PRE-EMERGENT WEED KILLER SHALL BE TRIFLURALIN (TRIFLURALIN) IN THE 5% GRANULAR FORM AND SUITABLE FOR SURFACE APPLICATION, SURFLAN (ORYZLIN) SUITABLE FOR SPRAY APPLICATION, OR OTHER APPROVED EQUAL.
F. WEED PREVENTATIVE FABRIC SHALL BE WOVEN POLYPROPYLENE, 3.5 TO 4.0 OUNCE PRODUCT.
- EXECUTION**
A. OVERSCAPE PLANTING PITS 2 FEET GREATER IN DIAMETER AND 1 FOOT DEEPER THAN THE ROOT BALL FOR TREES; AND 1' FOOT GREATER IN DIAMETER AND 6 INCHES DEEPER THAN THE ROOT BALL FOR SHRUBS. REMOVE ALL EXCAVATED MATERIAL FROM THE SITE AND LEGALLY DISPOSE OF OFF-SITE.
B. SET ALL PLANTS AT OR SLIGHTLY ABOVE THE FINAL FINISHED GRADE SUCH THAT THE CROWN OF THE ROOT BALL IS FLUSH OR SLIGHTLY ABOVE THE SURROUNDING FINISHED GRADE.
C. BACKFILL FOR ALL TREES AND SHRUBS SHALL BE 75% TOPSOIL AND 25% SPAGNUM PEAT MOSS. TO THIS MIXTURE INCORPORATE FOUR POUNDS OF FERTILIZER PER CUBIC YARD OF BACKFILL, THOROUGHLY MIXED. BACKFILL PLANT PITS IN 8 INCH LIFTS, THOROUGHLY COMPACTING EACH LIFT.
D. WATER EACH PLANT THOROUGHLY BEING SURE THE BACKFILL IS COMPLETELY SATURATED.
E. INSTALL THE WEED PREVENTATIVE FABRIC OVER WEED-FREE SOIL THROUGHOUT ALL PLANTING BEDS.
F. INSTALL 3 INCHES OF MULCH THROUGHOUT ALL PLANTING BEDS AND THE INDIVIDUAL PLANTING PITS.
G. APPLY PRE-EMERGENT WEED KILLER IN STRICT ACCORDANCE WITH THE MANUFACTURER'S WRITTEN INSTRUCTIONS THROUGHOUT THE PLANTING BEDS AND AROUND EACH INDIVIDUAL PLANT PIT. CHEMICAL WEED CONTROL SHALL BE APPLIED TO ALL LANDSCAPING AREAS PRIOR TO ANY PLANT INSTALLATION.
H. LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR WATERING ALL PLANT MATERIALS UNTIL THE TIME THE PERMANENT IRRIGATION SYSTEM IS FULLY FUNCTIONAL.
I. ALL LANDSCAPE BEDS AND TREE WELLS SHALL BE INSTALLED WITH A WEED BARRIER. WEED BARRIER SHALL BE A WOVEN POLYPROPYLENE MATERIAL THAT IS 100% OPAQUE TO PREVENT PHOTOSYNTHESIS AND SEED GERMINATION. WEED BARRIER SHALL BE SECURED WITH "U" SHAPED STEEL PINS.
J. LANDSCAPE CONTRACTOR SHALL TILL SOIL DIRECTLY AROUND NEW TREE PLANTINGS TO DEPTH OF 12"-18", AND A DISTANCE OF 3 X ROOT BALL DIAMETER FROM CENTER OF PLANTING HOLE. TILLING SHALL TAKE PLACE PRIOR TO TREE PLANTING AND SHALL NOT BE DEEPER THAN THE BOTTOM OF THE PLANTING HOLE. (SEE DETAIL THIS SHEET.)

IRRIGATION NOTES

- THE LANDSCAPE CONTRACTOR SHALL DESIGN AND CONSTRUCT AN IRRIGATION SYSTEM WITH A 7 DAY TIMER PROVIDING 100% COVERAGE IN COMPLIANCE WITH CITY, COUNTY AND STATE REGULATIONS.
- LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR WATERING ALL PLANT MATERIALS UNTIL THE TIME THE PERMANENT IRRIGATION SYSTEM IS FULLY FUNCTIONAL.

SODDING NOTES

- MATERIALS**
A. SOD SHALL BE NURSERY GROWN BLEND OF 60% HYBRID FINELEAF FESCUE AND 40% KENTUCKY BLUEGRASS. HYBRID FINELEAF FESCUE SHALL CONSIST OF A MINIMUM OF THREE VARIETIES OF REBEL II, FLACON, HOUNDDOG OR APPROVED EQUAL. SOD SHALL BE MACHINE STRIPPED AT A UNIFORM THICKNESS OF ONE (1) INCH, EXCLUDING TOP GROWTH AND THATCH. IT SHALL BE CUT IN STANDARD SIZE PIECES AND SUFFICIENTLY WELL-ROOTED TO SUPPORT ITS OWN WEIGHT WHEN SUSPENDED BY 10% OF THE AREA OF EACH PIECE. THE SOD SHALL BE FREE OF OBJECTIONABLE GRASSY AND BROADLEAF WEEDS. SOD SHALL BE STRIPPED NO MORE THAN 24 HOURS IN ADVANCE OF INSTALLATION.
B. FERTILIZER SHALL BE 5-10-10 (5% NITROGEN, 10% PHOSPHORUS, 10% POTASH), GRANULAR, WITH 50% OF THE NITROGEN IN SLOW RELEASE FORM. DELIVER FERTILIZER TO THE SITE IN CLEARLY MARKED CONTAINERS.
C. LIMESTONE SHALL BE AGRICULTURAL GRADE, 85% MINIMUM CALCIUM CARBONATE, IN GRANULAR OR POWDER FORM, AND DELIVERED TO THE SITE IN CLEARLY MARKED CONTAINERS.
- EXECUTION**
A. ALL DISTURBED AREAS NOT COVERED BY BUILDINGS, PAVEMENT, OR MASS PLANTING SHALL BE SODDED. ALL OTHER AREAS ON-SITE TO BE SODDED SHALL LIKEWISE BE STRIPPED OF VEGETATIVE GROWTH AND LEGALLY DISPOSED OF OFF-SITE.
B. PREPARE ON-SITE LAWN AREAS BY THOROUGHLY DISKING OR ROTOTILLING TO A 6-INCH DEPTH, REMOVE ALL STICKS, CLODS, ROCKS, ETC., OF 2-INCH OR GREATER DIMENSION, AND RAKE SMOOTH AN EVEN.
C. APPLY FERTILIZER AT THE RATE OF 10 LBS. PER 1,000 SQUARE FEET AND THE LIMESTONE AT A RATE OF 100 LBS. PER 1,000 SQUARE FEET. RAKE THE FERTILIZER AND LIMESTONE INTO THE TOP ONE INCH OF PREPARED TOPSOIL.
D. INSTALL SOD WITH STAGGERED JOINTS, BUTTED TIGHT, AND AT RIGHT ANGLE TO THE FLOW OF WATER. SOD LAID ADJACENT TO PAVEMENT OR CURBS SHALL BE LAID FLUSH WITH THE TOP OF PAVEMENT OR TOP OF CURB. SUCH THAT ONLY THE TOP GROWTH OF THE SOD IS ABOVE THE TOP OF PAVEMENT OR TOP OF CURB. IF NECESSARY, SCREENED TOPSOIL SHALL BE USED TO FILL CRACKS BETWEEN PIECES OF SOD TO PREVENT DRYING OF THE ROOTS. E. WATER THE SOD IMMEDIATELY AFTER INSTALLATION TO THOROUGHLY SATURATE THE SOD AND UNDERLYING SOIL, WITHOUT DISPLACING THE SOD. AFTER A SHORT DRYING PERIOD, ROLL ALL SOD TO INSURE FIRM CONTACT WITH THE UNDERLYING SOIL AND SMOOTH MINOR SURFACE IRREGULARITIES.

LANDSCAPING CALCULATIONS:

1. INTERIOR PARKING LOT LANDSCAPING CALCULATIONS:
NOT LESS THAN SIX PERCENT (6%) OF THE INTERIOR OF A PARKING LOT SHALL BE LANDSCAPED. THE INTERIOR OF A PARKING LOT SHALL BE CALCULATED BY MULTIPLYING THE NUMBER OF PARKING SPACES BY TWO HUNDRED SEVENTY(270) SQUARE FEET.
270 X 62 SPACES = 16,740 X 6% = 1,004 S.F. REQUIRED
2,642 S.F. PROVIDED

LANDSCAPE CONTRACTOR HAS THE OPTION TO SUBSTITUTE PLANT MATERIAL IF SPECIFIED GENUS, SPECIES, AND/OR VARIETIES ARE NOT LOCALLY OR REGIONALLY AVAILABLE. LANDSCAPE CONTRACTOR SHALL REPLACE SAID PLANTS WITH THOSE OF LIKE HARDINESS ZONE, SIZE, FORM, MOISTURE, AND SOLAR REQUIREMENTS, AND MEET GENERAL INTENT OF THE ORIGINAL DESIGN. ANY REPLACEMENT PLANTINGS SHALL BE APPROVED BY THE CITY OF FERGUSON PRIOR TO INSTALLATION.



GENERAL NOTES		BY	JCS																												
1. McDONALD'S ROAD SIGN AND BASE ARE BY THE SIGN CONTRACTOR. CONDUIT AND WIRING ARE BY THE GENERAL CONTRACTOR.																															
2. BASES, ANCHOR BOLTS, CONDUIT, AND WIRING FOR ALL OTHER SIGNS ARE BY THE GENERAL CONTRACTOR.																															
3. 3/4" EMPTY CONDUIT TO LOCATIONS SHOWN AT THE LOT PERIMETER FOR LOT LIGHTING IS BY THE GENERAL CONTRACTOR. LIGHTING FIXTURES, BASES, POLES, CONDUIT, AND WIRING ARE BY THE OWNER/OPERATOR.																															
4. BASES FOR FLAGPOLES ARE BY THE GENERAL CONTRACTOR. ANCHOR BOLTS ARE BY THE FLAGPOLE SUPPLIER.																															
5. PROPOSED UTILITIES ARE SHOWN IN SCHEMATIC ONLY. EXACT LOCATIONS SHALL BE DETERMINED TO ALLOW FOR THE MOST ECONOMICAL INSTALLATION.																															
6. THE CONTRACTOR SHALL COORDINATE WITH ALL UTILITY COMPANIES TO DETERMINE EXACT POINT OF SERVICE CONNECTION AT EXISTING UTILITY. REFER TO THE BUILDING ELECTRICAL AND PLUMBING DRAWINGS FOR UTILITY SERVICE ENTRANCE LOCATIONS, SIZES, AND CIRCUITING.																															
7. ALL ELEVATIONS SHOWN ARE IN REFERENCE TO THE BENCHMARK AND MUST BE VERIFIED BY THE GENERAL CONTRACTOR AT GROUND/BREAK.																															
8. FINISH WALK AND CURB ELEVATIONS SHALL BE 6" ABOVE FINISH PAVEMENT.																															
9. ALL LANDSCAPE AREAS SHALL BE ROUGH GRADED TO 6" BELOW TOP OF ALL WALKS AND CURBS. FINISH GRADING, LANDSCAPING, AND SPRINKLER SYSTEMS ARE BY THE OWNER/OPERATOR.																															
10. LOT LIGHTING CONCRETE FOOTINGS TO CONFORM WITH THE SOILS REPORT RECOMMENDATIONS FOR THIS PARTICULAR SITE.																															
11. REFER TO SHEETS S01 THRU S05 FOR ALL APPLICABLE SITE DETAILS.																															
12. PROVIDE WEEDHOLES ON CURBS AT ALL LANDSCAPE AREAS LOCATIONS. COORDINATE WITH McDONALD'S PROJECT MANAGER.																															
LANDSCAPE PLAN NOTES		REV	DATE	DESCRIPTION																											
		1	1/23/08	REVIEW COMMENTS																											
		2	2/18/08	REVIEW COMMENTS																											
		3	2/26/08	PNIS#2 REVIEW COMMENTS																											
<p>PAVING SPECIFICATION (MINIMUM 3" TOTAL COMPACTED ASPHALT THICKNESS)</p> <p>PAVING TO BE TYPAR, 3/40, 8", OF AN APPROVED CRUSHED STONE BASE, PLUS 3" OF AN APPROVED ASPHALTIC CONCRETE TOPPING TO BE LAID IN TWO (2) LIFTS AND ACCORDING TO MODOT SPECIFICATIONS. FINISHED THICKNESS OF PAVING TO BE 11". A MINIMUM 6" STRIP IS REQUIRED. ALL AREAS UNDER BUILDING AND PARKING TO BE COMPACTED TO A MINIMUM OF 95% OF MAXIMUM DRY DENSITY IN ACCORDANCE WITH ASTM D-0698.</p> <p>NOTE: McDONALD'S PROJECT MANAGER RESERVES THE RIGHT TO REQUEST A COMPACTION TEST AND/OR A CORE SAMPLE IF TESTS PROVE CORRECT PER ABOVE SPECIFICATIONS. TESTS WILL BE AT THE EXPENSE OF McDONALD'S, OTHERWISE G.C. WILL BE CHARGED.</p>																															
<p>LOT LIGHTING RECOMMENDATION</p> <p>PREPARED BY:</p> <p>DATE:</p>																															
<p>PARKING INFORMATION</p> <p>TOTAL SPACES: 62</p> <p>*62 SPACES 9' X 19' @ 60'</p> <p>*INCLUDES 3 HANDICAP SPACES</p>																															
<p>UTILITY INFORMATION</p> <table border="1"> <thead> <tr> <th></th> <th>SIZE</th> <th>TYPE</th> <th>LOCATION</th> </tr> </thead> <tbody> <tr> <td>SANITARY SEWER</td> <td>-6"</td> <td>-</td> <td>-</td> </tr> <tr> <td>WATER</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>STORM SEWER</td> <td>-6"</td> <td>-</td> <td>-</td> </tr> <tr> <td>ELECTRIC</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>GAS</td> <td>-</td> <td>-</td> <td>-</td> </tr> </tbody> </table>						SIZE	TYPE	LOCATION	SANITARY SEWER	-6"	-	-	WATER	-	-	-	STORM SEWER	-6"	-	-	ELECTRIC	-	-	-	GAS	-	-	-			
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GAS	-	-	-																												
<p>SURVEY INFORMATION</p> <p>PREPARED BY: MASSMANN SURVEYING 7751 CARONDELET AVENUE SUITE 600 ST. LOUIS, MO 63105 314-862-5577</p> <p>DATE: 07/10/2007</p>																															
<p>LEGEND</p> <table border="1"> <thead> <tr> <th>SYMBOL</th> <th>DESCRIPTION</th> <th>NOTES</th> </tr> </thead> <tbody> <tr> <td>(S)</td> <td>SANITARY SEWER</td> <td></td> </tr> <tr> <td>(W)</td> <td>WATER</td> <td></td> </tr> <tr> <td>(ST)</td> <td>STORM SEWER</td> <td></td> </tr> <tr> <td>(E)</td> <td>ELECTRIC</td> <td></td> </tr> <tr> <td>(G)</td> <td>GAS</td> <td></td> </tr> <tr> <td>(L)</td> <td>LOT LIGHT</td> <td>LP:30</td> </tr> <tr> <td>(E)</td> <td>EXISTING ELEVATION</td> <td>(76.5)</td> </tr> <tr> <td>(P)</td> <td>PROPOSED ELEVATION</td> <td>(77.0)</td> </tr> </tbody> </table> <p>PLAN SCALE: 1"=20'</p> <p>STREET ADDRESS: HWY K AND CRUSHER DRIVE</p> <p>CITY: O'FALLON STATE: MISSOURI</p> <p>COUNTY: ST. CHARLES</p> <p>REGIONAL DWG. NO: 024-1168 NATIONAL NUMBER: -</p>					SYMBOL	DESCRIPTION	NOTES	(S)	SANITARY SEWER		(W)	WATER		(ST)	STORM SEWER		(E)	ELECTRIC		(G)	GAS		(L)	LOT LIGHT	LP:30	(E)	EXISTING ELEVATION	(76.5)	(P)	PROPOSED ELEVATION	(77.0)
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<p>LANDSCAPE PLAN</p> <p>HWY K AND CRUSHER DRIVE O'FALLON, MO</p>		<p>PREPARED BY: MCDONALD'S CORPORATION</p> <p>DATE: 07/10/2007</p> <p>DRAWN BY: CAW</p> <p>STD. ISSUE DATE: -</p> <p>REVIEWED BY: CAW</p> <p>DATE ISSUED: 11-15-07</p> <p>SHEET NO. 03</p>																													