

DESIGN AND DEVELOPMENT CONTACTS:

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2111 MCDONALD'S DRIVE
OAK BROOK, IL 60523
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SURVEYOR MASSMANN SURVEYING
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ST. LOUIS, MO 63105
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MUNICIPAL CONTACTS:

PLANNING AND ZONING CITY OF O'FALLON PLANNING DEPT.
100 N. MAIN STREET
O'FALLON, MO 63366
CONTACT: DAVID WOODS
(636) 379-5541

SIGN PERMIT CITY OF O'FALLON
100 N. MAIN STREET
O'FALLON, MO 63366
CONTACT: BRANDY WILLIAMS
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BUILDING PERMIT CITY OF O'FALLON
100 N. MAIN STREET
O'FALLON, MO 63366
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FIRE DEPARTMENT COTTLEVILLE FIRE PREVENTION DISTRICT
1385 MOTHERHEAD ROAD
COTTLEVILLE, MO 63304
CONTACT: MARK BOEHLE
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HEALTH DEPARTMENT ST. CHARLES COUNTY HEALTH DEPT
1650 BOONES LICK ROAD
ST. CHARLES, MO 63301
CONTACT: BARRY MCCALLY
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STREET DEPARTMENT MODOT - HWY K
6780 OLD HWY N
ST. CHARLES, MO 63301
CONTACT: SCOTTY WARD
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CITY OF O'FALLON - CRUSHER DRIVE
100 N. MAIN STREET
O'FALLON, MO 63366
CONTACT: JAY HERIGOODT
(636) 379-5416

UTILITY CONTACTS:

ELECTRIC COMPANY AMEREN UE
200 N. CALLAHAN
WENTZVILLE, MO 63385
CONTACT: DAVID GRAVIETT
(636) 639-8315

WATER ST. CHARLES CO. WATER DISTRICT #2
100 WATER DRIVE
O'FALLON, MO 63368
CONTACT: BRIAN PEEPER
(636) 561-3737

SANITARY SEWER DUCKET CREEK SANITARY DISTRICT
3550 HWY K
O'FALLON, MO 63368
CONTACT: MIKE MERKT
(636) 441-1244

STORM SEWER CITY OF O'FALLON
100 N. MAIN STREET
O'FALLON, MO 63366
CONTACT: JEANIE GREENLY
(636) 379-5557

TELEPHONE AT & T
402 N. 3RD STREET
ST. CHARLES, MO 63301
CONTACT: TERRY RODGERS
(636) 949-1324

GAS LACLEDE GAS
1999 TRADE CENTER DRIVE EAST
ST. PETERS, MO 63376
CONTACT: MIKE LANGAN
(636) 978-2663

THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON DESIGN DRAWINGS, RECORDS OF THE VARIOUS UTILITY COMPANIES, AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. CORE STATES, INC. DOES NOT GUARANTEE THAT LOCATIONS SHOWN ARE EXACT. THE CONTRACTOR MUST CONTACT THE APPROPRIATE UTILITY COMPANIES AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATIONS OF UTILITIES.



CONSTRUCTION PLANS

FOR



4001 CRUSHER DRIVE O'FALLON, MO.

STORM AND SANITARY SEWER MEASUREMENTS

The existing sewer lengths, sizes, flowlines, depths of structures and sewers and locations with respect to existing or proposed easements have been measured. The results of those measurements are shown on this set of Final Measurement plans. Since the wye locations and the type and class of pipe shown has been plotted from information provided by the sewer contractor or other sources, I disclaim any responsibility for that specific information.

All public sewers are located within the designated existing or proposed easements, except as follows:

NONE

William F. Massmann, Jr. - PLS 1702

10-16-08
Date



VICINITY MAP
1"=1000'

SHEET INDEX			
SHEET NUMBER	PAGE NUMBER	DESCRIPTION	PREPARED BY
CIVIL PLANS			
1	C0	COVER SHEET	CORE STATES
2	C1	SITE PLAN	CORE STATES
3	C2	GRADING/UTILITY PLAN	CORE STATES
4	C2A	SEWER-PROFILE	CORE STATES
5	C2B	DRAINAGE AREA/EROSION CONTROL	CORE STATES
6	C3	LANDSCAPE PLAN	CORE STATES
7	C4	DETAILS	CORE STATES
8	C5	DETAILS	CORE STATES
9	C6	DETAILS	CORE STATES
10	C7	DETAILS	CORE STATES

MANUFACTURER	SIZE	ADHESIVE	STYLE	MESSAGE (PART #)	WEBSITE
ACP INTERNATIONAL	3 7/8"	EPOXY	CRYSTAL CAP	NO DUMPING DRAINS TO WATERWAYS (SD-WCC)	www.acpinternational.com
DAS MANUFACTURING INC.	4"	EPOXY	STANDARD STYLE	NO DUMPING DRAINS TO STREAM (SDS)	www.dasmanufacturing.com

CONSTRUCTION NOTES:

- RIP RAP SHOWN AT FLARED ENDS WILL BE EVALUATED IN THE FIELD AFTER INSTALLATION FOR EFFECTIVENESS AND FIELD MODIFIED IF NECESSARY TO REDUCE EROSION ON AND OFF SITE.
- DEVELOPER MUST SUPPLY CITY CONSTRUCTION INSPECTORS WITH SOIL REPORTS PRIOR TO OR DURING SITE SOIL TESTING. THE SOIL REPORT WILL BE REQUIRED TO CONTAIN THE FOLLOWING INFORMATION ON SOIL TEST CURVES (PROCTOR REPORTS) FOR PROJECTS WITHIN THE CITY.
 - * MAXIMUM DRY DENSITY
 - * OPTIMUM MOISTURE CONTENT
 - * MAXIMUM AND MINIMUM ALLOWABLE MOISTURE CONTENT
 - * CURVE MUST BE PLOTTED TO SHOW DENSITY FROM A MINIMUM OF 95% COMPACTION AND ABOVE AS DETERMINED BY THE "MODIFIED AASHTO T-180 COMPACTION TEST" (A.S.T.M.-D-1557) OR FROM A MINIMUM OF 100% AS DETERMINED BY THE "STANDARD PROCTOR TEST AASHTO T-99, METHOD C" (A.S.T.M.-D-698). PROCTOR TYPE MUST BE DESIGNATED ON DOCUMENT.
 - * CURVE MUST HAVE AT LEAST 5 DENSITY POINTS WITH MOISTURE CONTENT AND SAMPLE LOCATIONS LISTED ON DOCUMENT.
 - * SPECIFIC GRAVITY
 - * NATURAL MOISTURE CONTENT
 - * LIQUID LIMIT
 - * PLASTIC LIMIT
- BE ADVISED THAT IF THIS INFORMATION IS NOT PROVIDED TO THE CITY'S CONSTRUCTION INSPECTOR THE CITY WILL NOT ALLOW GRADING OR CONSTRUCTION ACTIVITIES TO PROCEED ON ANY PROJECT SITE.
- THE CONTRACTOR SHALL ASSUME COMPLETE RESPONSIBILITY FOR CONTROLLING ALL SILTATION AND EROSION OF THE PROJECT AREA. THE CONTRACTOR SHALL USE WHATEVER MEANS NECESSARY TO CONTROL EROSION AND SILTATION INCLUDING, BUT NOT LIMITED TO, STAKED STRAW BALES AND/OR SILTATION FABRIC FENCES (POSSIBLE METHODS OF CONTROL ARE DETAILED IN THE PLAN). CONTROL SHALL COMMENCE WITH GRADING AND BE MAINTAINED THROUGHOUT THE PROJECT UNTIL ACCEPTANCE OF THE WORK BY THE OWNER AND/OR THE CITY OF O'FALLON AND/OR MODOT. THE CONTRACTOR'S RESPONSIBILITIES INCLUDE ALL DESIGN AND IMPLEMENTATION AS REQUIRED TO PREVENT EROSION AND THE DEPOSITING OF SILT. THE OWNER AND/OR THE CITY OF O'FALLON AND/OR MODOT MAY AT THEIR OPTION DIRECT THE CONTRACTOR IN HIS METHODS AS DEEMED FIT TO PROTECT PROPERTY AND IMPROVEMENTS. ANY DEPOSITING OF SILT OR MUD ON NEW OR EXISTING PAVEMENT SHALL BE REMOVED IMMEDIATELY. ANY DEPOSITING OF SILTS OR MUD IN EXISTING STORM SEWERS OR SWALES SHALL BE REMOVED AFTER EACH RAIN AND AFFECTED AREAS CLEANED TO THE SATISFACTION OF THE OWNER AND/OR THE CITY OF O'FALLON AND/OR MODOT.
- ALL FILL PLACED UNDER PROPOSED STORM AND SANITARY SEWER, PROPOSED ROADS, AND/OR PAVED AREAS SHALL BE COMPACTED TO 95% MAXIMUM DENSITY AS DETERMINED BY THE MODIFIED AASHTO T-180 COMPACTION TEST OR 100% OF MAXIMUM DENSITY AS DETERMINED BY THE STANDARD PROCTOR TEST AASHTO T-99. ALL FILL PLACED IN PROPOSED ROADS SHALL BE COMPACTED FROM THE BOTTOM OF THE FILL UP. ALL TESTS SHALL BE VERIFIED BY A SOILS ENGINEER CONCURRENT WITH GRADING AND BACKFILLING OPERATIONS. THE MOISTURE CONTENT OF THE SOIL IN FILL AREAS IS TO CORRESPOND TO THE COMPACTIVE EFFORT AS DEFINED BY THE STANDARD OR MODIFIED PROCTOR TEST. OPTIMUM MOISTURE CONTENT SHALL BE DETERMINED USING THE SAME TEST THAT WAS USED FOR COMPACTION. SOIL COMPACTION CURVES SHALL BE SUBMITTED TO THE CITY OF O'FALLON PRIOR TO THE PLACEMENT OF FILL. PROOF ROLLING MAY BE REQUIRED TO VERIFY SOIL STABILITY AT THE DISCRETION OF THE CITY OF O'FALLON.
- ALL PAVING TO BE IN ACCORDANCE WITH ST. CHARLES COUNTY STANDARDS AND SPECIFICATIONS EXCEPT AS MODIFIED BY THE CITY OF O'FALLON ORDINANCES.
- PROVIDE A MARKING ON THE STORM SEWER INLETS. THE CITY WILL ALLOW THE FOLLOWING MARKERS AND ADHESIVE PROCEDURES ONLY AS SHOWN IN THE TABLE BELOW OR AN APPROVED EQUAL BY ALMETEX INDUSTRIES. 'PEEL AND STICK' ADHESIVE PADS WILL NOT BE ALLOWED.
- PIPE JOINTS SHALL BE GASKETED O-RING TYPE.
- CONNECTIONS AT ALL SANITARY OR STORM STRUCTURE TO BE MADE WITH A-LOCK JOINT OR EQUAL.
- SIDEWALKS (ADAAG SECTION 4.3); CURB RAMPS (ADAAG SECTION 4.7); RAMP (ADAAG SECTION 4.8) AND ACCESSIBLE PARKING SPACES (ADAAG SECTION 4.8) SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CURRENT APPROVED "AMERICAN WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES" (ADAAG) ALONG WITH THE REQUIRED GRADES, CONSTRUCTION MATERIALS, SPECIFICATIONS AND SIGNAGE. IF ANY CONFLICT OCCURS BETWEEN THE ABOVE INFORMATION AND THE PLANS, THE ADAAG GUIDELINES SHALL TAKE PRECEDENCE AND THE CONTRACTOR PRIOR TO ANY CONSTRUCTION SHALL NOTIFY THE PROJECT ENGINEER. (NOTE THAT AT LEAST ONE 8' WIDE HANDICAP ACCESS AISLE IS PROVIDED AND CURB RAMPS DO NOT PROJECT INTO HANDICAP ACCESS AISLE.)
- BRICK SHALL NOT BE USED IN THE CONSTRUCTION OF SANITARY OR STORM SEWER STRUCTURES. PRECAST CONCRETE STRUCTURES ARE TO BE USED UNLESS OTHERWISE APPROVED BY THE CITY.
- ALL SANITARY LATERALS AND SANITARY MAINS CROSSING UNDER PAVEMENT MUST HAVE THE PROPER ROCK BACKFILL AND TO REQUIRED COMPACTION.
- LIGHTING VALUES WILL BE REVIEWED ON SITE PRIOR TO THE FINAL OCCUPANCY INSPECTION. CORRECTIONS WILL NEED TO BE MADE IF NOT IN COMPLIANCE WITH CITY STANDARDS.
- ALL PROPOSED FENCING REQUIRES A SEPARATE PERMIT THROUGH THE PLANNING DIVISION.
- ALL SIGN LOCATIONS AND SIZES MUST BE APPROVED SEPARATELY THROUGH THE PLANNING DIVISION. NOTE THAT SIGN LOCATIONS ARE SHOWN ON THE PLANS.
- ALL SIGN POST AND BACKS AND BRACKET ARMS SHALL BE PAINTED BLACK USING CARBOLINE RUSTBOND PENETRATING SEALER SG AND CARBOLINE 133 HB PAINT (OR EQUIVALENT AS APPROVED BY CITY AND MODOT). SIGNS DESIGNATING STREET NAME SHALL BE ON THE OPPOSITE SIDE OF THE STREET FROM TRAFFIC CONTROL SIGNS.
- THE CITY OF O'FALLON SHALL ALSO BE CONTACTED FOR UTILITY LOCATES UNDER ITS MAINTENANCE RESPONSIBILITY. THIS MAY INCLUDE WATER, SANITARY, STORM, AND TRAFFIC LOCATES. ALL UTILITIES WILL BE LOCATED UNDERGROUND.
- NO SLOPES SHALL BE STEEPER THAN 3 (HORIZONTAL) TO 1 (VERTICAL).
- GRADED AREAS THAT ARE TO REMAIN BARE FOR OVER 2 WEEKS ARE SEEDED AND MULCHED (DNR REQUIREMENT). ALL EROSION CONTROL SYSTEMS ARE INSPECTED AND NECESSARY CORRECTIONS MADE WITHIN 24 HOURS OF ANY RAINSTORM RESULTING IN ONE-HALF INCH OF RAIN OR MORE.
- TRAFFIC CONTROL IS TO BE PER MODOT OR MUTCD WHICHEVER IS MOST STRINGENT UNLESS MODIFIED BY THE CITY OF O'FALLON REQUIREMENTS.
- TREES, ORGANIC DEBRIS, RUBBLE, FOUNDATIONS AND OTHER DELICTIOUS MATERIAL SHALL BE REMOVED FOR THE SITE AND DISPOSED IN COMPLIANCE WITH ALL APPLICABLE LAWS AND REGULATIONS. LANDFILL TICKETS FOR SUCH DISPOSAL SHALL BE MAINTAINED ON FILE BY THE DEVELOPER. BURNING ON SITE SHALL BE ALLOWED ONLY BY PERMIT COMMERCIAL CONSTRUCTION SITE PLAN APPLICATION FROM THE LOCAL FIRE DISTRICT. IF A BURN PIT IS PROPOSED THE LOCATION AND MITIGATION SHALL BE SHOWN ON THE GRADING PLAN AND DOCUMENTED BY THE SOILS ENGINEER.
- PER THE O'FALLON MUNICIPAL CODE SECTION 900.430 THE CITY WORK HOURS FOR CONSTRUCTION ARE AS FOLLOWS:
OCTOBER 1 THRU MAY 31 - 7:00AM TO 7:00PM
JUNE 1 THRU SEPTEMBER 31 - 6:00AM TO 8:00PM
SATURDAY & SUNDAY - 7:00AM TO 8:00PM
- THE DETENTION REQUIREMENTS AND BMP'S HAVE BEEN INCLUDED IN THE OVERALL DESIGN OF THE KINGSMILL CROSSING COMMERCIAL SUBDIVISION.

GENERAL NOTES:

- THESE PLANS ARE BASED ON A SURVEY PREPARED BY MASSMANN SURVEYING, DATED 07-10-2007 PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL VERIFY THAT THE IMPROVEMENTS EXIST AS SHOWN ON THE SURVEY. THE CONTRACTOR IS RESPONSIBLE FOR NOTIFYING CORE STATES ENGINEERING OF ANY DEVIATIONS OR OMISSIONS THAT MAY EFFECT THE CONSTRUCTION OF THE PROPOSED RESTAURANT.
- ALL PHASES OF SITE WORK FOR THIS PROJECT SHALL MEET OR EXCEED THE OWNER/DEVELOPER SITE WORK SPECIFICATIONS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF EXISTING STRUCTURES, RELATED UTILITIES, PAVING, AND OTHER EXISTING IMPROVEMENTS AS NOTED.
- CONTRACTOR IS TO REMOVE AND DISPOSE OF ALL DEBRIS, RUBBISH AND OTHER MATERIALS RESULTING FROM PREVIOUS AND CURRENT DEMOLITION OPERATIONS. DISPOSAL WILL BE IN ACCORDANCE WITH ALL LOCAL, STATE AND/OR FEDERAL REGULATIONS GOVERNING SUCH OPERATIONS.
- THE GENERAL CONTRACTOR WILL BE HELD SOLELY RESPONSIBLE FOR AND SHALL TAKE ALL PRECAUTIONS NECESSARY TO AVOID PROPERTY DAMAGE TO ADJACENT PROPERTIES DURING THE CONSTRUCTION PHASES OF THIS PROJECT.
- CONSTRUCTION OF BUILDING AND UTILITY ENTRANCES SHALL BE IN ACCORDANCE WITH ASSOCIATED PLANS.
- FLOOD CERTIFICATION:**
THE SUBJECT SITE IS LOCATED IN "ZONE X" (AREAS DETERMINED TO BE OUTSIDE THE 500-YEAR FLOODPLAIN) AS SHOWN ON FIRM PANEL NUMBER 29183C0430E DATED 08/02/1996.
- WETLANDS NOTE:**
ANY DEVELOPMENT, EXCAVATION, CONSTRUCTION, OR FILLING IN A U.S. CORPS OF ENGINEERS DESIGNATED WETLAND IS SUBJECT TO LOCAL, STATE AND FEDERAL APPROVALS. THE CONTRACTOR SHALL COMPLY WITH ALL PERMIT REQUIREMENTS AND/OR RESTRICTIONS AND ANY VIOLATION WILL BE SUBJECT TO FEDERAL PENALTY. THE CONTRACTOR SHALL HOLD THE OWNER/DEVELOPER, THE ENGINEER AND THE LOCAL GOVERNING AGENCIES HARMLESS AGAINST SUCH VIOLATION.
- WARRANTY/DISCLAIMER:**
THE DESIGNS REPRESENTED IN THESE PLANS ARE IN ACCORDANCE WITH ESTABLISHED PRACTICES OF CIVIL ENGINEERING FOR THE DESIGN FUNCTIONS AND USES INTENDED BY THE OWNER AT THIS TIME. HOWEVER, NEITHER THE ENGINEER NOR ITS PERSONNEL CAN OR DO WARRANT THESE DESIGNS OR PLANS AS CONSTRUCTED EXCEPT IN THE SPECIFIC CASES WHERE THE ENGINEER INSPECTS AND CONTROLS THE PHYSICAL CONSTRUCTION ON A TEMPORARY BASIS AT THE SITE.
- SAFETY NOTICE TO CONTRACTOR:**
IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL REQUIREMENTS THE CONTRACTOR SHALL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS OF THE JOB SITE, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK. THIS REQUIREMENT WILL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. ANY CONSTRUCTION OBSERVATION BY THE ENGINEER OF THE CONTRACTOR'S PERFORMANCE IS NOT INTENDED TO INCLUDE REVIEW OF THE ADEQUACY OF THE CONTRACTOR'S SAFETY MEASURES, IN, ON OR NEAR THE CONSTRUCTION SITE.
- BENCHMARK USED:** SITE BENCHMARK AS SHOWN ON SITE DEVELOPMENT PLAN OF KINGSMILL CROSSING PREPARED BY ZAVRADINOS & POLK, INC.; OLD CROSS ON SIDEWALK EAST SIDE OF MISSOURI STATE HIGHWAY OPPOSITE CENTERLINE STATION 310+50.3, 94.83' RIGHT. ELEVATION:558.51

BY	DATE	DESCRIPTION
JCS	1/23/08	REVIEW COMMENTS
	2/18/08	REVIEW COMMENTS
	2/26/08	REVIEW COMMENTS
	3/14/08	NEW SIGN LOCATIONS
	3/31/08	REVIEW COMMENTS

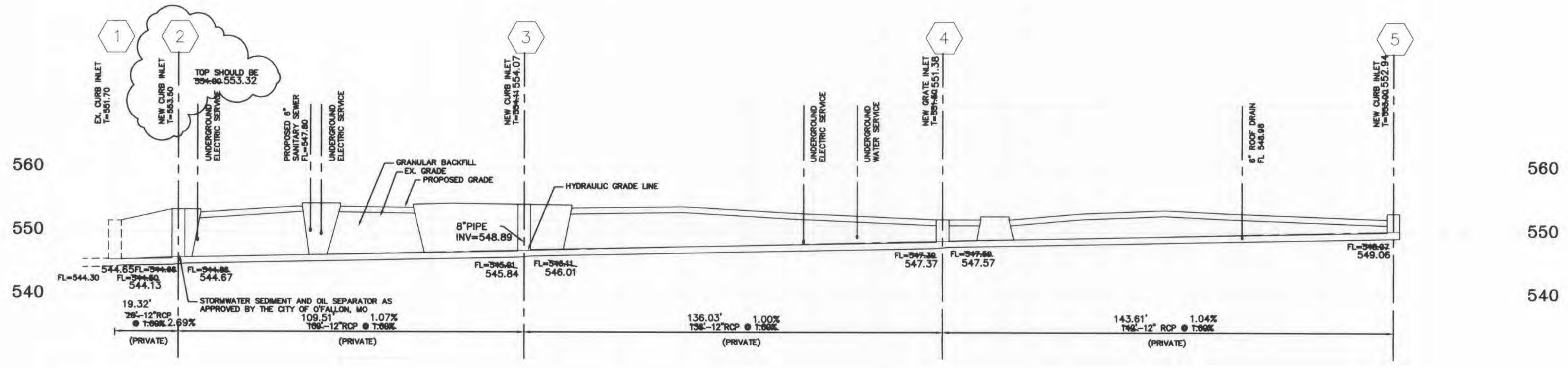
PREPARED BY: CORE STATES ENGINEERING
50 CRESTWOOD EXECUTIVE CENTER
ST. LOUIS, MO 63105
314-843-4320 FAX: 314-843-4323
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McDonald's Corporation
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DRAWN BY	DATE	REVIEWED BY	DATE ISSUED
CAW	11-15-07	CAW	11-15-07

SHEET NO. 8 COVER

PLANNING & DEVELOPMENT DEPARTMENT PLAN NUMBER: 2607
PLANNING & ZONING COMMISSION APPROVAL DATE: OCT 18, 2007



STORM AND SANITARY SEWER MEASUREMENTS

The existing sewer lengths, sizes, flowlines, depths of structures and sewers and locations with respect to existing or proposed easements have been measured. The results of those measurements are shown on this set of Final Measurement plans. Since the wye locations and the type and class of pipe shown has been plotted from information provided by the sewer contractor or other sources, I disclaim any responsibility for that specific information.

All public sewers are located within the designated existing or proposed easements, except as follows:

NONE

William F. Massmann, Jr.
 William F. Massmann, Jr. — PLS 1702

10-6-08
 Date



GENERAL NOTES

- MCDONALD'S ROAD SIGN AND BASE ARE BY THE SIGN CONTRACTOR. CONDUIT AND WIRING ARE BY THE GENERAL CONTRACTOR. BASES, ANCHOR BOLTS, CONDUIT, AND WIRING FOR ALL OTHER SIGNS ARE BY THE GENERAL CONTRACTOR.
- 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. BASES FOR FLAGPOLES ARE BY THE GENERAL CONTRACTOR. ANCHOR BOLTS ARE BY THE FLAGPOLE SUPPLIER.
- PROPOSED UTILITIES ARE SHOWN IN SCHEMATIC ONLY. EXACT LOCATIONS SHALL BE DETERMINED TO ALLOW FOR THE MOST ECONOMICAL INSTALLATION.
- 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.
- ALL ELEVATIONS SHOWN ARE IN REFERENCE TO THE BENCHMARK AND MUST BE VERIFIED BY THE GENERAL CONTRACTOR AT GROUNDBREAK.
- FINISH WALK AND CURB ELEVATIONS SHALL BE 6" ABOVE FINISH PAVEMENT.
- 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.
- LOT LIGHTING CONCRETE FOOTINGS TO CONFORM WITH THE SOILS REPORT RECOMMENDATIONS FOR THIS PARTICULAR SITE.
- REFER TO SHEETS SD1 THRU SD5 FOR ALL APPLICABLE SITE DETAILS.
- PROVIDE WEEDHOLES ON CURBS AT ALL LANDSCAPE AREAS LOCATIONS. COORDINATE WITH MCDONALD'S PROJECT MANAGER.

GRADING/UTILITY PLAN NOTES

PAVING SPECIFICATION
 (MINIMUM 3" TOTAL COMPACTED ASPHALT THICKNESS)

PAVING TO BE TYPAR, 3401, 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.

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.

LOT LIGHTING RECOMMENDATION

PREPARED BY:
 DATE:

PARKING INFORMATION

TOTAL SPACES	62 SPACES	9' X 19' @ 60'
62		

UTILITY INFORMATION

SIZE	TYPE	LOCATION
8"	—	—
8"	—	—
8"	—	—
8"	—	—
8"	—	—

SURVEY INFORMATION

PREPARED BY: MASSMANN SURVEYING
 7751 CARONDELET AVENUE SUITE 600
 ST. LOUIS, MO 63105
 314-862-9577
 DATE: 07/10/2007

LEGEND

SANITARY SEWER	—	GAS	—
WATER	—	LOT LIGHT	LP-30
STORM SEWER	—	EXISTING ELEVATION	(76.5)
ELECTRIC	—	PROPOSED ELEVATION	(77.0)

PLAN SCALE: 1"=20'

STREET ADDRESS

HWY K AND CRUSHER DRIVE

CITY
 O'FALLON

STATE
 MISSOURI

COUNTY

ST. CHARLES

REGIONAL DWG. NO

024-1168

NATIONAL NUMBER

—

BY	JCS	
DESCRIPTION	SEWER-PROFILES	
REV	DATE	DESCRIPTION
1	1/23/08	REVIEW COMMENTS
2	2/19/08	REVIEW COMMENTS
3	2/26/08	PMSD#2 REVIEW COMMENTS
4	3/4/08	NEW SIGN LOCATIONS
5	3/31/08	PMSD#2 REVIEW COMMENTS
6	4/23/08	ADJUST SEWER TOP ELEVATION
PREPARED BY: McDonald's Corporation These drawings and specifications are the confidential and proprietary property of McDonald's Corporation and shall not be copied or reproduced without written authorization. The contract documents were prepared by McDonald's Corporation and shall be used only for the project and are not suitable for use on a different site or at a later time. Use of these drawings for reference or example on another project is prohibited. Reproduction of the contract documents for reuse on another project is not authorized.		
PREPARED BY: MASSMANN SURVEYING 7751 CARONDELET AVENUE SUITE 600 ST. LOUIS, MO 63105 314-862-9577 DATE: 07/10/2007		
DRAWN BY: CAW STD ISSUE DATE: 11-15-07		
REVIEWED BY: CAW DATE ISSUED: 11-15-07		
SITE ADDRESS: HWY K & CRUSHER DRIVE O'FALLON, MISSOURI		
SHEET NO. C2A		