

# SITE DEVELOPMENT PLANS FOR QUIKTRIP CROSS DOCK #6602 O'FALLON, MO 1120 E. WABASH ST.

## CITY OF O'FALLON 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-1157) 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
- 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.
- 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 SIGN LOCATIONS AND SIZES MUST BE APPROVED SEPARATELY THROUGH THE PLANNING DIVISION.
- 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 TO BE SEEDED AND MULCHED (DNR REQUIREMENT).
- ALL EROSION CONTROL SYSTEMS WILL BE INSPECTED AND NECESSARY CORRECTIONS MADE WITHIN 24 HOURS OF ANY RAINSTORM RESULTING IN ONE-HALF INCH OF RAIN OR MORE.
- TRAFFIC CONTROL TO FOLLOW MODOT STANDARDS FOR SHOULDER WORK DURING ENTRANCE CONSTRUCTION.
- TREES, ORGANIC DEBRIS, RUBBLE, FOUNDATIONS AND OTHER DELETERIOUS 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 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.
- ALL PAVING TO BE IN ACCORDANCE WITH ST. CHARLES COUNTY STANDARDS AND SPECIFICATIONS EXCEPT AS MODIFIED BY THE CITY OF O'FALLON ORDINANCES.
- ALL SIDEWALKS, CURB RAMPS, RAMP AND ACCESSIBLE PARKING SPACES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CURRENT APPROVED "AMERICAN WITH DISABILITIES ACT ACCESSIBILITY GUIDELINE" (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 ASILE IS PROVIDED AND CURB RAMPS DO NOT PROJECT INTO HANDICAP ACCESS ASILE.)
- ALL SIGN LOCATIONS AND SIZES MUST BE APPROVED SEPARATELY THROUGH THE PLANNING DIVISION.
- ALL UTILITIES WILL BE LOCATED UNDERGROUND.
- NO SLOPES SHALL BE STEEPER THAN 3 (HORIZONTAL) TO 1 (VERTICAL).
- STORM SEWER PIPE JOINTS SHALL BE GASKETED O-RING TYPE.

## WETLANDS NOTICE:

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 CONTEMPORARY BASIS AT THE SITE.

## NOTICE TO BIDDERS:

ALL QUESTIONS REGARDING THE PREPARATION OF THE GENERAL CONTRACTOR'S BID SHALL BE DIRECTED TO THE OWNER'S CONSTRUCTION DEPARTMENT AT 636-627-0000. SUBCONTRACTORS MUST DIRECT THEIR QUESTIONS THROUGH THE GENERAL CONTRACTOR, THE CONSULTING ARCHITECT AND/OR THE CONSULTING ENGINEER SHALL NOT BE CONTACTED DIRECTLY WITHOUT PRIOR AUTHORIZATION FROM THE OWNER/DEVELOPER.



Vicinity Map  
Not to Scale



## PLAN INDEX:

- |   |              |
|---|--------------|
| 1 | COVER SHEET  |
| 2 | SITE PLAN    |
| 3 | GRADING PLAN |
| 4 | DETAILS      |

## PROJECT NOTES:

- CONTRACTOR SHALL BE RESPONSIBLE FOR RAZING AND REMOVAL OF THE EXISTING STRUCTURES, RELATED UTILITIES, PAVING, AND ANY OTHER EXISTING IMPROVEMENTS AS NOTED. SEE SITE WORK SPECIFICATIONS.
- 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.
- SAFETY NOTICE TO CONTRACTOR:**  
IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, 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.
- ALL CONSTRUCTION IN STATE HIGHWAY DEPARTMENT RIGHT-OF-WAY SHALL BE COORDINATED WITH THE HIGHWAY DEPARTMENT RESIDENT MAINTENANCE ENGINEER. SPECIFICATIONS ADOPTED BY USA DEPARTMENT OF TRANSPORTATION, MARCH 1, 1993, AND SPECIFICATION ITEMS LISTED AND DATED AS FOLLOWS SHALL GOVERN ON THIS PROJECT.
- ALL SITE WORK FOR THIS PROJECT SHALL MEET OR EXCEED THE SPECIFICATIONS OF THE RELEVANT UTILITY COMPANY OR REGULATORY AUTHORITY, AND THE SPECIFICATIONS FOR THE CONSTRUCTION OF THE EXISTING IMPROVEMENTS WHICH ARE BEING ALTERED OR REPLACED. CONTRACTOR SHALL CONTACT THE ENGINEER FOR SPECIFICATION SECTIONS FOR ITEMS SUCH AS LANDSCAPING AND IRRIGATION THAT ARE AFFECTED BY THE WORK BUT NOT COMPLETELY DETAILED OR SPECIFIED ON THESE PLANS.

## AGENCY APPROVED DATE

BUILDING DEPARTMENT	_____
ENGINEERING DEPARTMENT	_____

## RESOURCE LIST:

### CITY OF O'FALLON

CITY OF O'FALLON  
PLANNING AND DEVELOPMENT  
100 N. MAIN ST.  
O'FALLON, MO 63366  
TEL: (636) 240-2000  
CONTACT: JEANNIE GREENLEE

WATER & SEWER  
CITY OF O'FALLON  
100 N. MAIN ST.  
O'FALLON, MO 63366  
TEL: (636) 240-2000

AMEREN UE  
TEL: (636) 639-8311  
CONTACT: JEFF BUTLER

LACLEDE GAS  
TEL: (314) 342-0800

CENTURYTEL  
ENGINEER - PLANT FACILITIES  
1151 CENTURYTEL DRIVE BLDG A  
WENTZVILLE, MO 63385  
TEL: (636) 332-7392  
CONTACT: MICHELLE GERTEISEN

## QUIKTRIP CONTACTS:

QUIKTRIP CORPORATION  
2255 BLUESTONE DR.  
ST. CHARLES, MO 63301  
TEL: (636) 627-0012  
CONTACT: DAVE NOSS  
TITLE: CONSTRUCTION MANAGER

ENGINEERING  
4705 SOUTH 129th EAST AVE  
TULSA, OK 74134  
TEL: (918) 615-7700  
CONTACT: KEVIN VANOVER

## FLOOD CERTIFICATION:

THIS PROPERTY LIES IN ZONE "X" AND DOES NOT LOCATE WITHIN ANY PRESENTLY ESTABLISHED 100-YEAR FLOOD PLAIN, AS SHOWN BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY, FLOOD INSURANCE RATE MAP FOR THE CITY OF ANYTOWN, COMMUNITY PANEL NUMBER 29183C0241 E EFFECTIVE DATE AUGUST 02, 1996.

## BENCHMARK CONTROL:

### REFERENCED BENCHMARK CONTROL:

FEMA RM 63-CHISELED "L" ON TOP OF NORTHEAST CORNER WINGWALL OF NORFOLK SOUTHERN RAILROAD BRIDGE OVER BELLEAU CREEK, APPROXIMATELY 1 MILE WEST OF HIGHWAY 79. ELEVATION=476.82

### SITE BENCHMARK:

TBM "B"-CUT "L" IN NORTHEAST CORNER BOTTOM CONCRETE STEP AT EAST ENTRANCE TO BUILDING #1120 EAST WABASH AVENUE. ELEVATION=505.00



MODOT UNDER GROUND FACILITIES (314) 340-4100



**QuikTrip**  
2255 Bluestone Drive  
St. Charles, MO 63303  
(636) 916-5706

## GENERAL NOTES

CITY OF O'FALLON  
COMMUNITY DEVELOPMENT DEPARTMENT  
ACCEPTED FOR CONSTRUCTION  
DATE: 3-19-08  
BY: [Signature]  
PROFESSIONAL ENGINEER'S SEAL  
INDICATES RESPONSIBILITY FOR DESIGN  
RECEIVED  
MAR 18 2008  
Dow Kerkemeyer  
618 779 0436

© COPYRIGHT  
1986 QUIKTRIP CORPORATION  
DESIGN PATENTS  
QUIKTRIP PLANS ARE THE EXCLUSIVE PROPERTY OF QUIKTRIP CORPORATION, TULSA, OKLAHOMA. THESE PLANS ARE PROTECTED IN THEIR ENTIRETY BY DOMESTIC AND INTERNATIONAL COPYRIGHT AND PATENT STATUTES. ANY UNAUTHORIZED USE, REPRODUCTION, PUBLICATION, DISTRIBUTION OR SALE IN WHOLE OR IN PART, IS STRICTLY FORBIDDEN.

No.	Revision	Date

**EFK•Moen, LLC**  
Civil Engineering Design  
13523 Barrett Parkway Dr. Suite 250  
St. Louis, MO 63021  
Phone (314)729-4100 Fax (314)729-4199



## COVER

DRAWN BY: DP	SHEET
DESIGNED BY: CDL	<b>1</b>
CHECKED BY: PJK	
ISSUE DATE: Mar 18, 2008	OF 4

Const. Inspector