

SCALE 1"=20'
SCALE IN FEET

100 YR FLOOD EXTENTS BASED ON CURRENT TOPOGRAPHY AND PUBLISHED FLOOD ELEVATION=478.50 (ENTIRE SITE WITHIN ZONE AE ON F.I.R.M. DATED AUG. 2,1996)

MH 5
T=476.03
FL=464.44
FL IN=466.34

FL=469.00 FES 2-2
CONC FES
(SEE DETAIL)

REMOVE EXISTING FES
CONSTRUCT NEW MANHOLE
AT END OF EXISTING 54" PIPE

TOP=483.50
FL OUT=465.87
FL 54" IN=485.87
FL 15" IN=478.86
FL 8" IN=478.15
PRE-CAST MANHOLE FOR
PIPE SEWERS 48" AND
LARGER IN DIAMETER

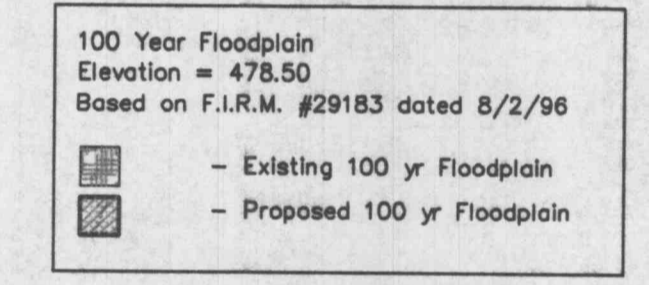
THIS SITE IS SERVICED BY:
GAS: ST. CHARLES GAS CO.
1 WESTBURY DR. BLDG D
ST. CHARLES, MO 63301
(636) 948-8937
WATER: ALLIANCE WATER RESOURCES
205 E. ELM ST.
O'FALLON, MO 63366
(636) 272-6818 x227
RICK SWENGROSH
ELECTRIC: AMEREN UE
200 CALLAHAN RD.
WENTZVILLE, MO 63385
(636) 639-8312
JOHN CLARK

TELEPHONE: GTE TELEPHONE
680 PARR RD.
WENTZVILLE, MO 63368
(636) 332-7392
CARL OWENS
FIRE: O'FALLON FIRE DEPARTMENT
119 E. ELM DR.
O'FALLON, MO 63366
(636) 272-3493
TWILA KENIG

SCHOOL: FORT ZUMWALT DISTRICT
110 VIRGIL ST.
O'FALLON, MO 63366
(636) 272-6620
DR. BERNARD BUBAY
SANITARY SEWER: ALLIANCE
O'FALLON WATER AND SEWER
205 EAST ELM STREET
O'FALLON, MO 63366
(636) 272-6818 x223
DAN SCHERER

EARTHWORK QUANTITIES

| | |
|---------------------|---------------|
| Earth Cut = | 58.7 cu yd |
| Rock Cut = | 0.0 cu yd |
| Expansion @ 0.15 = | 0.0 cu yd |
| Total Mat'l Avail = | 58.7 cu yd |
| Rock Fill = | 0.0 cu yd |
| Earth Fill = | 13136.3 cu yd |
| Shrinkage @ 0.10 = | 1313.6 cu yd |
| Total Fill Req'd = | 14449.9 cu yd |
| Shortage = | 14391.3 cu yd |



NOTES

- ROUTE CANOPY AND BUILDING ROOF DRAINS AND DOWNSPOUTS TO DRAINAGE SYSTEM WITH SCHEDULE 40 PVC (ABOVE GRADE ONLY). USE SDR 35 PVC BELOW GRADE.
- CONTRACTOR TO VERIFY DEPTH, TYPE, SIZE AND LOCATION OF ALL EXISTING UTILITIES PRIOR TO EXCAVATION.
- ALL EXISTING ON-SITE STRUCTURES, SIDEWALK, CONCRETE OR ASPHALT SURFACES, CURBING, UTILITY POLES, SEWER STRUCTURES, UTILITY SERVICES, FENCES, TREES, SHRUBS AND DEBRIS SHALL BE DEMOLISHED AND REMOVED FROM THE SITE AND PROPERLY DISPOSED OF ALL IN A MANNER APPROVED BY THE REGULATING GOVERNMENTAL AGENCIES, UNLESS OTHERWISE NOTED.
- CONTRACTOR SHALL PRESERVE AND PROTECT ALL EXISTING IMPROVEMENTS (WHICH ARE NOT TO BE REMOVED) WITHIN THE PROJECT LIMITS OR ADJACENT THERETO FROM DAMAGE AS A RESULT OF HIS ACTIVITIES IN THE PERFORMANCE OF WORK.
- ALL "ON SITE" STORM SEWERS SHALL REMAIN PRIVATE.

The original of this drawing is on file at the office of the Clayton Engineering Company. Any modifications to this drawing shall release said Clayton Engineering Company, the Engineer and/or the Surveyor whose seal appears hereon from any liability resulting from said unauthorized modifications.

| | | |
|------------|-----|---|
| 6/3/26/01 | AJM | REVISED ENTRANCE ON BELLEAU CREEK & SANITARY PER CITY |
| 5/3/1/01 | AJM | REVISED PER MBDOT |
| 4/1/18/01 | AJM | REVISED PER CITY |
| 3/1/2/01 | AJM | REVISED PER QUIKTRIP & CITY |
| 2/12/12/00 | AJM | REVISED PER QUIKTRIP |
| 1/11/9/00 | AJM | REVISED PER QUIKTRIP |

REVISIONS

QT QUIKTRIP CORPORATION
2255 BLUESTONE DRIVE
ST. CHARLES, MO. 63303
PH # (636) 918-5708
FAX # (636) 918-5754

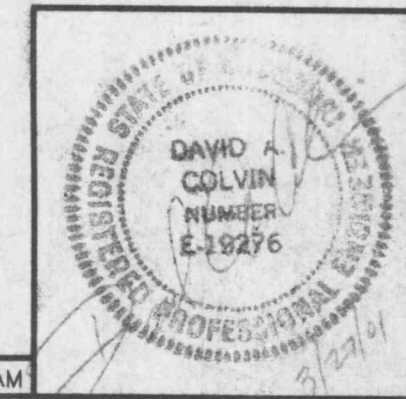
QUIKTRIP #640
GRADING AND UTILITY PLAN

801 BELLEAU CREEK ROAD O'FALLON, MISSOURI 63366

the clayton engineering company, inc.
ENGINEERS • SURVEYORS • PLANNERS

11920 WESTLINE INDUSTRIAL DRIVE
ST. LOUIS, MISSOURI 63146
(314) 692-8888 FAX: (314) 692-8888
clayton-engineering.com

Designed EEK/AJM
Drawn AJM
Checked DAC
Date 10/10/00
Project Number 99301
Sheet Number 2 of 11



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MISSOURI ONE-CALL SYSTEM INC.

Underground facilities, structures and utilities have been plotted from available surveys, records and information, and therefore, do not necessarily reflect the actual existence, non-existence, size, type, number of, or location of these facilities, structures, and utilities. The Contractor shall be responsible for verifying the actual location of all underground facilities, structures, and utilities, either shown or not shown on these plans. The underground facilities, structures, and utilities shall be located in the field prior to any grading, excavation or construction of improvements. These provisions shall in no way absolve any party from complying with the Underground Facility Safety and Damage Prevention Act, Chapter 319, RSMo.

BELLEAU CREEK ROAD

FLOODWAY LINE PER F.I.R.M. (DATED AUG. 2, 1996)

CONTRACTOR TO VERIFY DEPTH OF GAS LINE PRIOR TO EXCAVATION AND CONTACT ENGINEER AND GAS COMPANY FOR RELOCATION IF REQUIRED

CONTRACTOR TO VERIFY DEPTH OF TELEPHONE LINE PRIOR TO EXCAVATION AND CONTACT ENGINEER AND TELEPHONE COMPANY FOR RELOCATION IF REQUIRED

100 YR FLOOD EXTENTS BASED ON CURRENT TOPOGRAPHY AND PUBLISHED FLOOD ELEVATION=478.50 (ENTIRE SITE WITHIN ZONE AE ON F.I.R.M. DATED AUG. 2,1996)