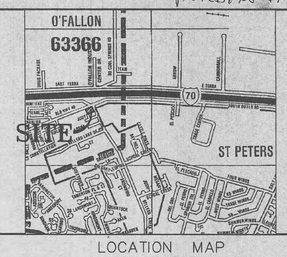
BUILDING INSPECTION

SCALE 1"=20'
0 20 40
SCALE IN FEET

TEMPORARY CONSTRUCTION EASEMENT
STREET TO BE CONSTRUCTED BY DEVELOPER OF LOTS B AND C
PROPOSED LOT C
N/F CITY OF O'FALLON DB 1958, PG 796 ID 2-119-1766-00-10
FUTURE CURB AND GUTTER (BY OTHERS)
S22°39'30"E. 119.34'
R=32.00 L=50.27'
N.43°53'03"W. 98.17'
R=118.00 L=45.11'
PROPOSED LOT D
N.67°16'32"E. 659.89'
N/F MILTON & EVELYN BOAZ DB 256, PG 210
PROPOSED 10' W PERMANENT DRAINAGE EASEMENT
N.21°58'47"W. 134.34'
SAWCUT, REMOVE ASPHALT SHOULDER TO CONSTRUCT CONC. ENTRANCE
CURB AND GUTTER (BY QUIKTRIP)
R14.50' ESMT
DOWELED TEMPORARY CONCRETE CURB (SEE DETAIL)
N.21°58'47"W. 134.24'
R20.00'
50.00'
REFUSE ENCLOSURE (SEE ARCH PLANS)
UST VENTS (SEE ARCH PLANS)
BOLLARDS
ROLLOVER CURB (MoDOT TYPE M) ADJACENT TO PAVERS (TYP)
R5.76'
8.00'
4.00'
N.43°53'03"W. 122.00'
47.75'
HANDICAP SIGN MOUNTED ON BUILDING (SEE DETAIL)
ROLLOVER CURB (MoDOT TYPE M) ADJACENT TO PAVERS (TYP)
TEMPORARY CONSTRUCTION EASEMENT
64.43'
5.00'
28.50'
69.34'
13.44'
37.33'
QUIKTRIP #640
801 BELLEAU CREEK RD.
O'FALLON, MO
4 SIDES GOLD WRAPPED WITH MECHANICAL SCREEN
FF=485.24
4600 BLDG 4555 S.F.
SPA.@ 9.5'=38.0'
DOWELED TEMPORARY CONCRETE CURB (SEE DETAIL)
E-031 CANOPY SIGN
CONCRETE SIDEWALK
12.00'
12.00'
35.00'
R2.00' (TYP)
9.00'
17 SPA.@ 9.8'=166.6'
SPA.@ 9.5'=28.5'
R2.50'
R25.0'
STOP SIGN
AIR/ HYDRANT PAD (SEE DETAIL)
SAWCUT, REMOVE ASPHALT SHOULDER TO CONSTRUCT CONC. ENTRANCE
Sawcut and remove existing pavement as required to construct new entrance per MoDOT standards
CONC. PAVEMENT
Asphalt Shoulder
PROPOSED LOT B
PROPOSED LOT A 1.765 AC.
N/F CITY OF O'FALLON DB 1871, PG 211-212
S.46°06'57"W. 274.19'
ROLLOVER CURB (MoDOT TYPE M) ADJACENT TO PAVERS (TYP) (PAINT SAFETY YELLOW)
R1.50'
SIGHT LINE
CONCRETE PAVEMENT
65.00'
CL DOOR
CL CANOPY
N.43°53'03"W.
16.33'
15.00' (TYP)
31.67' (TYP)
29.00' (TYP)
16.00' (TYP)
16.33'
CANOPY
151.33'
30.00' (TYP)
62.00'
49.06'
32.73'
16.00' (TYP)
G-022 SIGN W/ PRICE
G-022 LOGO ONLY
R=570.97' L=197.09' CH=N.53°37'20"E. 196.08'
8.0' F/C - EXISTING EOP
5.0' GREEN SPACE
4' WIDE, 4" THICK P.C. CONCRETE SIDEWALK PER MoDOT STANDARDS (BY QUIKTRIP)
5' WIDE SIDEWALK EASEMENT
SPA.@ 9.5'=95.0'
10' LANDSCAPE EASEMENT
C19.00
10.00'
MoDOT CURB TYPE S (SEPERATED) (SEE DETAIL) (BY QUIKTRIP)
VETERANS MEMORIAL PARKWAY
38' W CROSS-ACCESS AND UTILITY EASEMENT PER COMFORT INN AND SUITES RECORD PLAT PREPARED BY BAX ENGINEERING
35.00'
17.5'
35.93'
44.50'
3.00'
30:1 TAPER
DOWELED TEMPORARY CONCRETE CURB (SEE DETAIL)
20'x50' TEMPORARY TRUCK WASH DOWN AREA W/ 6" STONE (SEE DETAIL SHEET 5.)
8.75'
62.08'
9'-0" F/C - FILL MH
ESMT
R35.00'
R30.00'
N.48°04'51"E. 36.37'
25' WIDE UTILITY EASEMENT
ROLLOVER CURB (MoDOT TYPE M) ADJACENT TO PAVERS (TYP)
R5.00'
19.00' (TYP)
7 SPA.@ 9.5'=66.50'
10.00'
S.65°06'20"E. 45.39
S.51°49'52"E. 109.64'
N.46°04'51"E. 23.00'
FACE INLET 1' BACK OF FACE CURB
20'
18.5'
R15.00'
11'
11'
15'
37.00'
50'
HANDICAP RAMP (TYP) PER ADA STANDARDS
STOP SIGN
R20.0'
AREA LIGHT W/ 110 V. RECPT. (TYP) SEE DETAIL ON SHEET 5
ALIGN RAMP WITH CONC ISLAND AS PER MoDOT DETAIL ON SHEET 7.
10' WIDE UTILITY EASEMENT
5' WIDE SIDEWALK EASEMENT
S.45°03'48"E. 126.52'
4' W CONC SIDEWALK (BY QUIKTRIP)
5' W GREEN SPACE
CONC SHOULDER (BY OTHERS)
S.45°03'48"E. 235.89'
HANDICAP RAMP PER MoDOT AND ADA STANDARDS (SEE DETAIL) (BY QUIKTRIP)
MoDOT CURB TYPE S (SEPERATED) (SEE DETAIL) (BY QUIKTRIP)
P-010 LOGO MONUMENT SIGN NO PRICE
ASPHALT SHOULDER ENDS
EDGE OF PROPOSED SHOULDER (BY OTHERS)
CONSTRUCT CONC. ENTRANCE, SIDEWALK AND HANDICAP RAMPS. CONTRACTOR TO INSTALL TIE BARS 30"x #5 @ 30" O/C
CONC CURB TO BE CONSTRUCTED AFTER COMPLETION OF CONC SHOULDER
EXISTING EDGE OF PAVEMENT BELLEAU CREEK ROAD
C/L NEW BELLEAU CREEK ROAD (BY OTHERS)
EXIST. CONC PAVEMENT
57+00
58+00
59+00
59+28.32
BELLEAU CREEK ROAD



LOCATION MAP

ABBREVIATIONS

ATG	– Adjust To Grade
B/B	– Back to Back
BW	– Bottom of Wall
CC	– Canopy Clearance
CL	– Centerline
DB	– Deed Book
EP	– Edge of Pavement
FG	– Finished Grade
F/F	– Face to Face
FL	– Flow line
HDCP	– Handicap
NTS	– Not To Scale
OC	– On Center
PB	– Plat Book
R	– Radius
R/W	– Right of Way
TB	– Top of Bank
TBR	– To Be Removed
TBRR	– To Be Removed & Replaced
TI	– Top of Island
TP	– Top of Pavement
TS	– Toe of Slope
TW	– Top of Wall
TWk	– Top of Walk
UIP	– Use in Place
AI	– Area Inlet
CB	– Curb Inlet / Catch Basin
CO	– Clean Out
DS	– Down Spout
FES	– Flared End Section
GI	– Grated Inlet
MH	– Manhole
CMP	– Corrugated Metal Pipe
CP	– Non-reinforced Concrete Pipe
DIP	– Ductile Iron Pipe
PVC	– Polyvinyl Chloride Pipe
RCP	– Reinforced Concrete Pipe
VCP	– Vitrified Clay Pipe

LEGEND

	– Area Light
	– Area Light w/110v. Recpt.
	– Connection (Proposed)
500	– Existing Contour
(480)	– Proposed Contour
+ 500.00	– Existing Elevation
(500)	– Proposed Elevation
	– Fire Hydrant
	– Concrete
	– Doorway Entrance
	– Drainage Flow
	– Swale
W.M. W.V.	– Water Meter Or Valve
G.M. G.V.	– Gas Meter Or Valve
CTV	– Cable TV
E	– Electric Service
UGE	– Underground Electric Service
G	– Gas Service
T	– Telephone Service
UGT	– Underground Tele. Service
W	– Water Service
	– Exist. Sanitary Sewer
	– Exist. Storm Sewer
	– Proposed Sanitary Sewer
	– Proposed Storm Sewer
	– Utility Pole w/ Guy Wires
	– Right Angle
	– Handicap Parking Space
	– Direction Of Traffic

PARKING CALCULATIONS:

PARKING REQUIRED:
1 SPACE FOR EACH 2 GASOLINE PUMPS, 20 PUMPS = 10 SPACES
NO LOADING SPACES REQUIRED (LESS THAN 5000 SF)

PARKING PROVIDED:
41 SPACES INCLUDING 2 HANDICAP AND 3 LOADING SPACES

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.

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REVISIONS

6.	3/26/01	AJM	REVISED ENTRANCE ON BELLEAU CREEK PER CITY
5.	3/1/01	AJM	REVISED ENTRANCE ON VETERANS AND CURB IN R/W PER MoDOT
4.	1/18/01	AJM	REVISED PER CITY
3.	1/3/01	AJM	REVISED ENTRANCE, MISC. PER CITY/ GRADING IN BACK, MISC. PER QT
2.	12/12/00	AJM	REVISED SIGN LAYOUT PER QUIKTRIP
1.	11/9/00	AJM	REVISED PER QUIKTRIP

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2. GRADING PLAN
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5. GENERAL NOTES/ ENTRANCE PLAN
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7. CONSTRUCTION DETAILS
8. SEWER PROFILES
9. TOPOGRAPHIC SURVEY
10. EXISTING DRAINAGE AREA MAP
11. PROPOSED DRAINAGE AREA MAP

3/28/01 APPROVED

DAVID A. COLLVER NUMBER E-19276 REGISTERED PROFESSIONAL ENGINEER SEAL 3/27/01

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QUIKTRIP #640
SITE DIMENSION PLAN

801 BELLEAU CREEK ROAD O'FALLON, MISSOURI 63366

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Drawn	AJM
Checked	DAC
Date	10/10/00
Project Number	99301
Sheet Number	1 of 11

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