

HIGHWAY "K" SANITARY SEWER EXTENSION

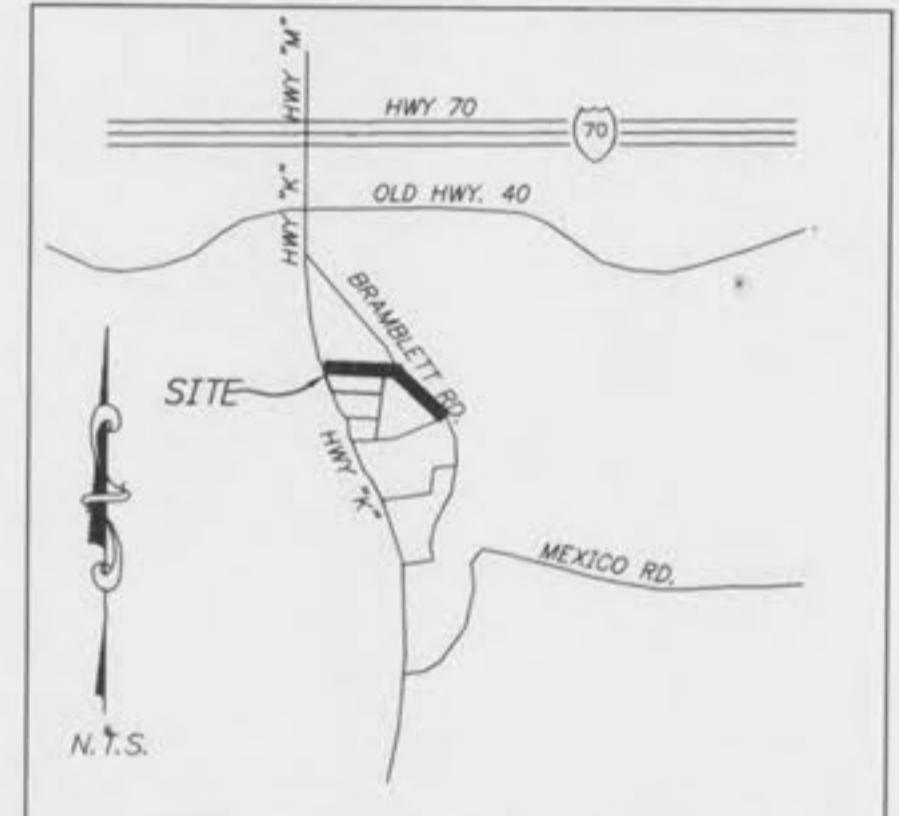
A TRACT OF LAND BEING PART OF SECTION 28,
TOWNSHIP 47 NORTH, RANGE 3 EAST
ST. CHARLES COUNTY, MISSOURI

APPROVED
J. K. 8-9-95

CITY OF O'FALLON GENERAL NOTES

1. Gas, water and other underground utilities shall not conflict with the depth or horizontal locations of existing and proposed sanitary and storm sewers, including house laterals.
2. Underground utilities have been plotted from available information and, therefore, their locations shall be considered approximate only. The verification of the location of all underground utilities, either shown or not shown on these plans, shall be the responsibility of the contractor and shall be located prior to grading or construction of improvements.
3. Polyvinyl Chloride (PVC) shall conform to the requirements of ASTM D-3034 Standard Specifications for the PSM Polyvinyl Chloride (PVC) Sewer Pipe and Fittings, SDR-35.
4. Storm sewers 18" in diameter or smaller shall be ASTM C-14.
5. Storm sewers 21" in diameter or larger shall be ASTM C-76, Class II.
6. All storm sewer pipe under pavement, regardless of size, shall be reinforced concrete pipe (ASTM C-76, Class III), unless noted otherwise in the plans.
7. Corrugated metal pipe shall conform to the standard specifications for corrugated culvert pipe M-36, A.A.S.H.O. See plans for gauge.
8. All filled places under buildings, proposed sanitary and storm sewer lines, and/or paved areas including trench backfills shall be compacted to 98% of maximum density as determined by the "A.A.S.H.O. T-99 Standard Proctor Test" (ASTM D-698) unless otherwise specified by the local governing authority specifications. All tests will be verified by a soils engineer.
9. All earthen filled places within State, County, or City roads (highways) shall be compacted to 98% of maximum density as determined by the "Standard Proctor Test A.A.S.H.O. T-99" (ASTM D-698) unless otherwise specified by local governing authority specifications. All tests will be verified by a soils engineer.
10. All storm and sanitary trench backfills shall be water jettied. Granular fill will be used under paved areas.
11. Easements shall be provided for storm sewers, sanitary sewers, and all utilities on the record plat. See record plat for location and size of easements. This does not apply to house laterals.
12. No area shall be cleared without the permission of the developer.
13. All grades shall be within 0.2 feet (more or less) of those shown on the grading plan.
14. No slope shall be greater than 3:1 and shall be either sodded or seeded and mulched.
15. Hazard markers will consist of three (3) standard specification "Manual on Uniform Traffic Control Devices," end of roadway markers mounted on two (2) pound "U" channel sign post. Each marker shall consist of an eighteen (18) inch diamond reflectorized red panel. The bottom of each panel shall be mounted a minimum of four (4) feet above the elevation of the pavement surface.
16. All manhole and curb inlet tops built without elevations furnished by the Engineer will be the responsibility of the sewer contractor. At the time of construction stake-out the sewer lines, all curb and grate inlets will be face staked. If normal face stakes fall in line with sewer construction, the Engineer will set these stakes on a double offset. It shall be the responsibility of the sewer contractor to preserve all face stakes from destruction.
17. All standard street curb inlets to have front of inlet 2 feet behind curb.
18. The minimum vertical distance from the low point of the basement to the flowing of a sanitary sewer at the connecting house connection shall not be less than the diameter of the sanitary sewer plus a vertical distance not less than two and one-half feet (2-1/2).
19. Water lines, valves, sleeves, meters and etc., shall meet all specifications and installation requirements of the local governing authority.

LOCATION MAP



DRAWING INDEX

Sheet	Description
1	COVER SHEET
2	PLAN AND PROFILE
3	SEWER DETAILS

BENCH MARKS

BM #2-83 Highway plans for relocation of Highway "K" "□" square on concrete light standard base 97 feet right at Station 12+43 New Highway "K."

Elev. 574.04

TBM #3-83 80d Spike in base of power pole near northeast corner of Thoelle Property at Bramblett Road.

Elev. 567.41

UTILITY COMPANIES

T.C.I. Cable Company
4160 Old Mill Parkway
St. Peters, Missouri 63376
Attn: Mr. Rick Maclos
Phone: (314) 441-7737

G.T.E. Telephone Company
1000 G.T.E. Drive
Building "E"
Wentzville, Missouri 63385
Attn: Mr. Larry Norris
Phone: (314) 639-3928

Union Electric Company
200 Columbia Road
Wentzville, Missouri 63385
Attn: Mr. Ralph Crank
Phone: (314) 327-6203

St. Charles County Water District
100 Water Drive
O'Fallon, Missouri 63366
Attn: Mr. Robert Troder
Phone: (314) 625-3737

St. Charles Gas Corporation
#1 Westbury Square
Building "B"
St. Charles, Missouri 63301
Attn: Mr. Gene Bohler
Phone: (314) 946-8937

Alliance Water Resources (sanitary Sewer)
205 East Elm Street
O'Fallon, Missouri 63366
Attn: Mr. Gary Johnson
Phone: (314) 281-2858

O'Fallon Fire Protection
119 East Elm Street
O'Fallon, Missouri 63366
Attn: Chief David House
Phone: (314) 272-3493

City of O'Fallon (Zoning) (Storm Sewer)(Water)
138 South Main
O'Fallon, Missouri 63366
Phone: (314) 240-2000

Missouri State Highway Department (Entrance Permits)
1580 Washington Dr.
Chesterfield, Missouri 63017
Attn: Bill Angel
Phone: (314) 340-4100

LEGEND

● Sanitary Sewer (Proposed)	R.C.P.	Reinforced Concrete Pipe
○ Sanitary Sewer (Existing)	C.M.P.	Corrugated Metal Pipe
- - - Storm Sewer (Proposed)	C.I.P.	Cast Iron Pipe
= = = Storm Sewer (Existing)	P.V.C.	Polyvinyl Chloride
- - - Water Line & Size	V.C.P.	Vitrified Clay Pipe
- - - Existing water line		
○○ Double Water Meter Setting		
* Single Water Meter Setting	C.O.	Clean Out
■ Curb Inlet	V.T.	Vent Trap
— Cap	S.C.I.	Skewed Curb Inlet
18 Lot or Building Number	T.B.R.	To Be Removed
- - - Existing Fence Line	T.B.R.&R.	To Be Removed & Relocated
G.I. Grate Inlet	T.B.P.	To Be Protected
A.I. Area Inlet	T.B.A.	To Be Abandoned
D.A.I. Double Area Inlet	B.C.	Base Of Curb
C.C. Concrete Collar	T.C.	Top Of Curb
F.E. Flared End Section	T.W.	Top Of Wall
Grouted Rip-Rap	B.W.	Base Of Wall
End Pipe	E.D.	Energy Dissipator
End of Lateral	M.H.	Manhole
Asphalt Pavement	U.N.O.	Unless Noted Otherwise
Concrete Pavement	C.P.	Concrete Pipe
	U.I.P.	Use in Place

PICKETT RAY & SILVER

Civil Engineers
Planners
Land Surveyors

333 Mid Rivers Mall Dr.
St. Peters, MO 63376
397-1211 FAX 397-1104

Celebrating 25 Years of Service

ENGINEERS AUTHENTICATION

The responsibility for professional engineering liability on this project rests with the engineer whose name is signed below the seal, signature and date hereunder attached. Responsibility is disclaimed for all other engineering plans involved in the project and which may include revisions after this date unless reauthenticated.

PICKETT, RAY & SILVER, INC.



DEVELOPER

PREPARED FOR:

PICKETT, RAY & SILVER
333 MID RIVERS MALL DR.
ST. PETERS, MISSOURI 63376
(314) 397-1211

CONTACT: MR. ROB TAYLOR

© Copyright 1995 by Pickett, Ray & Silver Inc.

CONFIDENTIAL PROPRIETARY MATERIAL
The use, reproduction and sales rights of this drawing are reserved by Pickett, Ray & Silver Inc.

R.D.W.	DATE	8/8/95
CHECKED	R.J.T.	DATE
FIELD BOOK	PROJECT #	87-059
	JOB ORDER #	33299