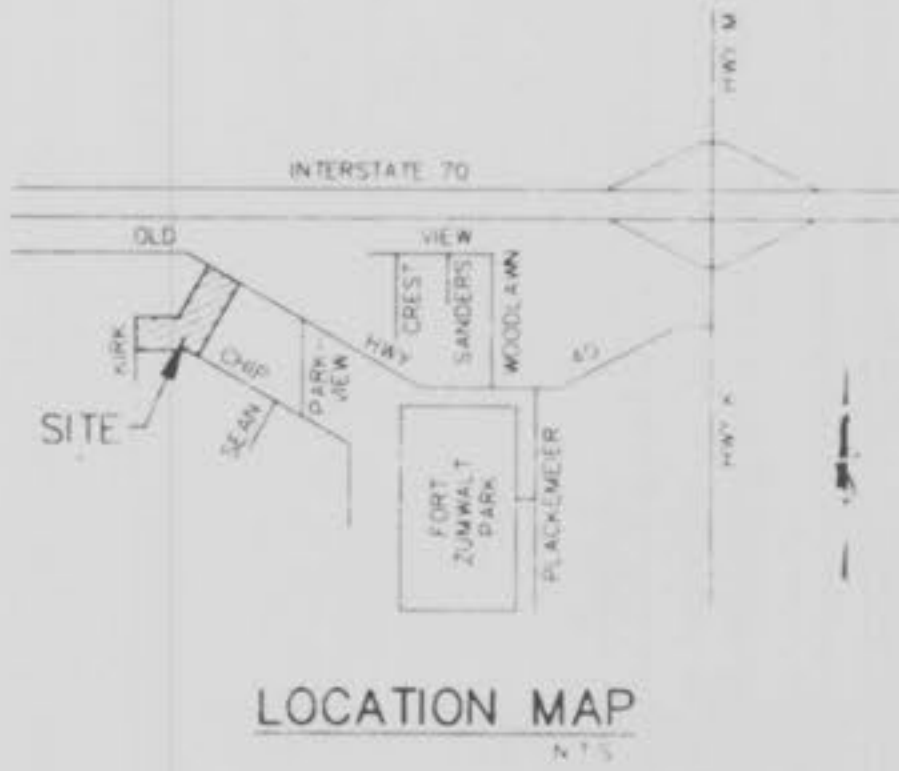


~~SEWER LINE EXTENSION~~

FOR DON OTTO

PART OF LOT 6 OF D. HEALD HOME PLACE IN U.S. SURVEY 55,
TOWNSHIP 47 NORTH, RANGE 3 EAST, ST. CHARLES COUNTY, MO.

SANITARY SEWER AS-BUILTS



GENERAL NOTES

- 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 any grading or construction of the improvements.
- All manhole tops built without elevations furnished by the Engineer will be the responsibility of the sewer contractor.
- 8" P.V.C. sanitary sewer pipe shall meet the following standards: A.S.T.M.-D-3034 SDR-35, with wall thickness compression joint A.S.T.M.-D-3212. An appropriate rubber seal waterstop as approved by the sewer district shall be installed between P.V.C. pipe and masonry structures.
- All filled places, including trench backfills, under buildings, proposed storm and sanitary sewer lines and/or paved areas, shall be compacted to 90% maximum density as determined by the "Modified AASHTO T-180 Compaction Test," (A.S.T.M.-D-1557). All filled places within public roadways shall be compacted to 90% of maximum density as determined by the "Standard Proctor Test AASHTO T-99, Method C" (A.S.T.M.-698).
- All trench backfills under paved areas shall be granular backfill, and shall be compacted to 90% of the maximum density as determined by the "Modified AASHTO T-180 Compaction Test," (A.S.T.M.-D-1557). All other trench backfills may be earth material (free of large clods or stones). All trench backfills shall be water jetted.
- No area shall be cleared without the permission of the Project Engineer.
- All grades shall be within 0.2 feet of those shown on the grading plan.
- All construction and materials used shall conform to current City of O'Fallon Standards.
- All P.V.C. sanitary sewer is to be SDR-35 or equal with clean 1/2" to 1" granular stone bedding uniformly graded. This bedding shall extend from 4" below the pipe to the springline of the pipe. Immediate backfill over pipe shall consist of same size "clean" or minus stone from springline of pipe to 6" above the top of pipe.
- All sanitary manholes shall be waterproofed on the exterior in accordance with Missouri Department of Natural Resources specifications 10 CSR-8.120 (7)E.
- Brick will not be used in the construction of sanitary sewer manholes.
- All pipes shall have positive drainage through manholes. No flat base structures are allowed.
- All sanitary sewer manholes to be 48 inch minimum inside diameter in accordance with Missouri Department of Natural Resources specification 10 CSR 20-8.
- The Duckett Creek Sewer District and The City of O'Fallon shall be notified 48 hours prior to construction for coordination and inspection.
- All disturbed areas are to be returned to original condition.
- Erosion control will be provided as needed or as by the City Engineer.

This is to certify that the following as-built locations were located in the field and are correctly shown herein.



AS-BUILTS ADDED SEPTEMBER, 1995.

PREPARED FOR:
DON OTTO
729 HIGH HILL COURT
LAKE ST. LOUIS, MO. 63367
(314) 561-2047

PREPARED FOR:

DISCLAIMER OF RESPONSIBILITY
I hereby certify that the documents intended to be submitted by my seal are limited to this sheet, and I hereby disclaim any responsibility for all other drawings, specifications, estimates, reports or other documents or instruments relating to or intended to be used for any part or parts of the architectural or engineering project or survey.

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5/3/95 QTY

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FEB., 1995
DATE
94-6242
PROJECT NUMBER
1 OF 2
SHEET OF
94-6242
FILE NAME
DJB
DRAWN CHECKED

Don Otto
Sanitary As-Built

