

Drawing name: V:\00000000\Highway N Assemblies\Drawings\Improvements\927 IMP (FOR PRINTING).dwg Printed on: Feb 04, 2025 - 10:15am Plotted by: Jankemhaus



ISSUE REMARKS/DATE	
1	2024-08-13, INITIAL SUBMITTAL CITY PH.2
2	2024-11-08, REVISED PER CITY COMMENTS
3	2025-01-03, REVISED PER CITY COMMENTS
4	2025-01-16, REVISED PER ST. CHARLES CO
5	2025-02-04, REVISED PER CITY COMMENTS

U.S. 6924 P.G. 2430
4-0066-0061-00-0023
1201 DIEHR RD.

APPROX. LOCATION
OF 5'x5' RECEIVING
BORE PIT
CONNECTION TO THE
EXISTING MAIN PER
WATER DISTRICTS
SPECIFICATIONS

24" STEEL CASING PIPE
APPROX. 34' LENGTH; PIPE TO
EXTEND 2' BEYOND EDGE OF
PAVEMENT, CARRIER PIPE TO BE
MECHANICALLY RESTRAINED
DUCTILE IRON
N/F HEIDI K. SHaub
D.B. 6924 PG. 110
1206 DIEHR RD.

N/F
ERICA SLATTEN &
COREY SLATTEN W/H
D.B. 7087 PG. 131
4-0045-5017-00-0004.2
2728 HOPEWELL RD.

N/F
ANTHONY V. WALLACE
& ROSE R. WALLACE H/W
D.B. 2408 PG. 1385
4-0045-5017-00-0004.1
2734 HOPEWELL RD.



UTILITY EASEMENT NOTE:
ALL PROPOSED UTILITY EASEMENTS SHOWN ARE FOR
REFERENCE PURPOSES ONLY. SEE RECORDED PLATS
FOR EXACT LOCATION AND SIZE OF ALL EASEMENTS.

- NOTES:
1. ALL WATER MAINS, VALVES, FITTINGS, HYDRANTS, AND RELATED ITEMS ARE TO BE INSTALLED IN ACCORDANCE WITH THE CURRENT ST. CHARLES COUNTY PWS&S GUIDELINES AND SPECIFICATIONS AS APPROVED BY MDNR REVIEW NO.6050805-13.
 2. PUBLIC WATER SUPPLY DISTRICT NO.2 WILL REQUIRE 1 WEEK ADVANCE NOTICE BEFORE CONSTRUCTION CAN BEGIN.
 3. THRUST BLOCKS WILL BE REQUIRED AT ALL MECHANICAL JOINT BENDS.
 4. ALL WATER MAINS THAT CROSS THE PAVEMENT, LIE WITHIN TEN (10) FEET OF THE EDGE OF PAVEMENT OR WITHIN THE 1:1 SHEAR PLANE OF THE STREET MUST HAVE PROPER ROCK BACKFILL AND REQUIRED COMPACTION.
 5. ALL METER PITS MUST BE INSTALLED IN GREEN SPACE PER PWS&S SPECIFICATIONS.
 6. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN ALL NECESSARY PERMITS FOR WORK PERFORMED OFFSITE. COPIES OF ALL REQUIRED PERMITS SHALL BE PROVIDED TO THE DISTRICT PRIOR TO CONSTRUCTION.
 7. PER PWS&S ALL WATER MAINS SHALL BE PLACED WITH A MINIMUM OF 42" AND MAXIMUM 72" OF COVER.
 8. PWS&S REQUIRES AT LEAST 18" OF VERTICAL SEPARATION BETWEEN SANITARY AND STORM SEWER CROSSINGS. IN AREAS WHERE THE RECOMMENDED SEPARATIONS CANNOT BE OBTAINED THE WATERMAIN SHALL BE CONSTRUCTED USING MECHANICAL JOINT PIPE EXTEND AT LEAST 10' ON BOTH SIDES OF THE CROSSING.
 9. TEMPORARY FIRE HYDRANTS WILL BE REQUIRED WHEN WATER MAIN IS TERMINATED FOR PHASING UNLESS THE MAIN EXTENDS TO A PERMANENT HYDRANT. SEE PWS&S TERMINATION DETAIL.

THE UNDERGROUND UTILITIES SHOWN HEREON WERE PLOTTED FROM AVAILABLE INFORMATION AND DO NOT NECESSARILY REFLECT THE ACTUAL EXISTENCE, NONEXISTENCE, SIZE, TYPE, NUMBER OR LOCATION OF THESE OR OTHER UTILITIES. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE ACTUAL LOCATION OF ALL UNDERGROUND UTILITIES, SHOWN OR NOT SHOWN, AND SAID 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

PROJECT TITLE

**HARVEST
AT HOPEWELL**
O'Fallon, Missouri
O'FALLON PHASE 2

THE STERLING CO.
ENGINEERS & SURVEYORS
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St. Louis, Missouri 63129
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Corporate Certificate of Authority #001348



Date: 02-04-2025
Michael G. Boerding
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Professional Engineer

HARVEST HOPEWELL, LLC
5091 New Baumgartner Road
St. Louis, Missouri 63129

UTILITY PLAN

P+Z No. 21-004994
City No. 21-011444
Date: 02-04-2025
Job No. 20-09-327
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4.12

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