



SANITARY SEWER NOTES

- ALL SANITARY LATERAL STREET CROSSINGS, IF TRENCHED, SHALL BE BACKFILLED WITH GRANULAR MATERIAL (AGGREGATE).
- STORM SEWER PIPES THAT CROSS OVER EXISTING OR PROPOSED SANITARY SEWER TRENCHES SHALL BE CRODLED IN CONCRETE THROUGH THE FULL WIDTH OF THE SANITARY SEWER TRENCH. THE TRENCH SHALL BE BACKFILLED AND COMPACTED WITH GRANULAR FILL TO THE BOTTOM OF THE CONCRETE CRADLE.
- IF THE STORM AND SANITARY SEWERS ARE PARALLEL AND IN THE SAME TRENCH OR OVERDIG, THE UPPER PIPE SHALL BE PLACED ON A SHELF AND THE LOWER PIPE SHALL BE BEDDED IN COMPACTED GRANULAR FILL TO THE FLOW LINE OF THE UPPER PIPE.
- B.F. DENOTES BASEMENT FLOOR ELEVATION.
- 4.5. DENOTES LATERAL FILL SHAPE ELEVATION.
- PROPOSED GRADE SHOWN ON SANITARY PROFILES IS BASED UPON ROUGH GRADING. FINAL GRADING DONE WITH CONSTRUCTION OF THE RESIDENCES AT THE DEVELOPMENT WILL MATCH PROPOSED MANHOLE TOP ELEVATIONS.
- EXISTING SANITARY SEWER SERVICE SHALL NOT BE INTERRUPTED.
- CONSTRUCTION OF AND CONNECTION TO DCSD SANITARY SEWERS REQUIRES DCSD INSPECTION. CONTACT THE DCSD INSPECTION DEPARTMENT, AT 636-441-1244 TO SCHEDULE INSPECTION. 48 HOUR NOTICE IS REQUIRED.
- FLOWLINE ELEVATIONS SHOWN ARE TO THE CENTER OF THE MANHOLE. POSITIVE DRAINAGE THROUGH MANHOLES SHALL BE MAINTAINED.

BACKFILL NOTE:
ALL SANITARY MAINS AND/OR LATERALS THAT CROSS THE PAVEMENT, W/IN 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.

Z-LOC CONNECTORS:
ALL SANITARY SEWER MANHOLES SHALL HAVE Z-LOC CONNECTORS.

LATERAL CONNECTIONS:
A MANUFACTURED WYE SHALL BE USED FOR ALL LATERAL CONNECTIONS. NO SADDLE TAPS OR INSERTA TEES ALLOWED.

PIPE MATERIALS:
PER THE CITY OF OFALLON ALL SANITARY SEWER MAIN SHALL BE SDR35 OR EQUAL. ALL SANITARY SEWER LATERALS SHALL BE 6" SDR26. (HARVEST AT HOPEWELL DEVELOPMENT ONLY)

ISSUE REMARKS/DATE

1	2023-09-28, INITIAL SUBMITTAL
2	2024-02-01, CITY COMMENTS
3	2024-04-17, CITY COMMENTS
4	2024-05-20, FOR APPROVAL

PROJECT TITLE
HARVEST AT HOPEWELL
OFALLON, MISSOURI
O'FALLON PHASE 1B

THE STERLING CO.
ENGINEERS & SURVEYORS
5055 New Baumgartner Road
St. Louis, Missouri 63129
Ph 314-487-0440 Fax 314-487-8944
www.sterling-eng-survey.com
Corporate Certificate of Authority #001548

Date: 05-20-2024
Michael G. Boering, PE
License No. MO E-28643
Professional Engineer

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

SANITARY PROFILES

P+Z No. 21-004994
City No. 21-011444
Date: 05-20-2024
Job No. 20-09-327
Page No. **6.15**
IMP

Drawing name: V:\2009327 Highway N Assemblage\Drawings\Engineering\Improvements\327 IMP Sanitary.dwg Plotted on: May 20, 2024 - 10:48am Plotted by: jacobmhaus