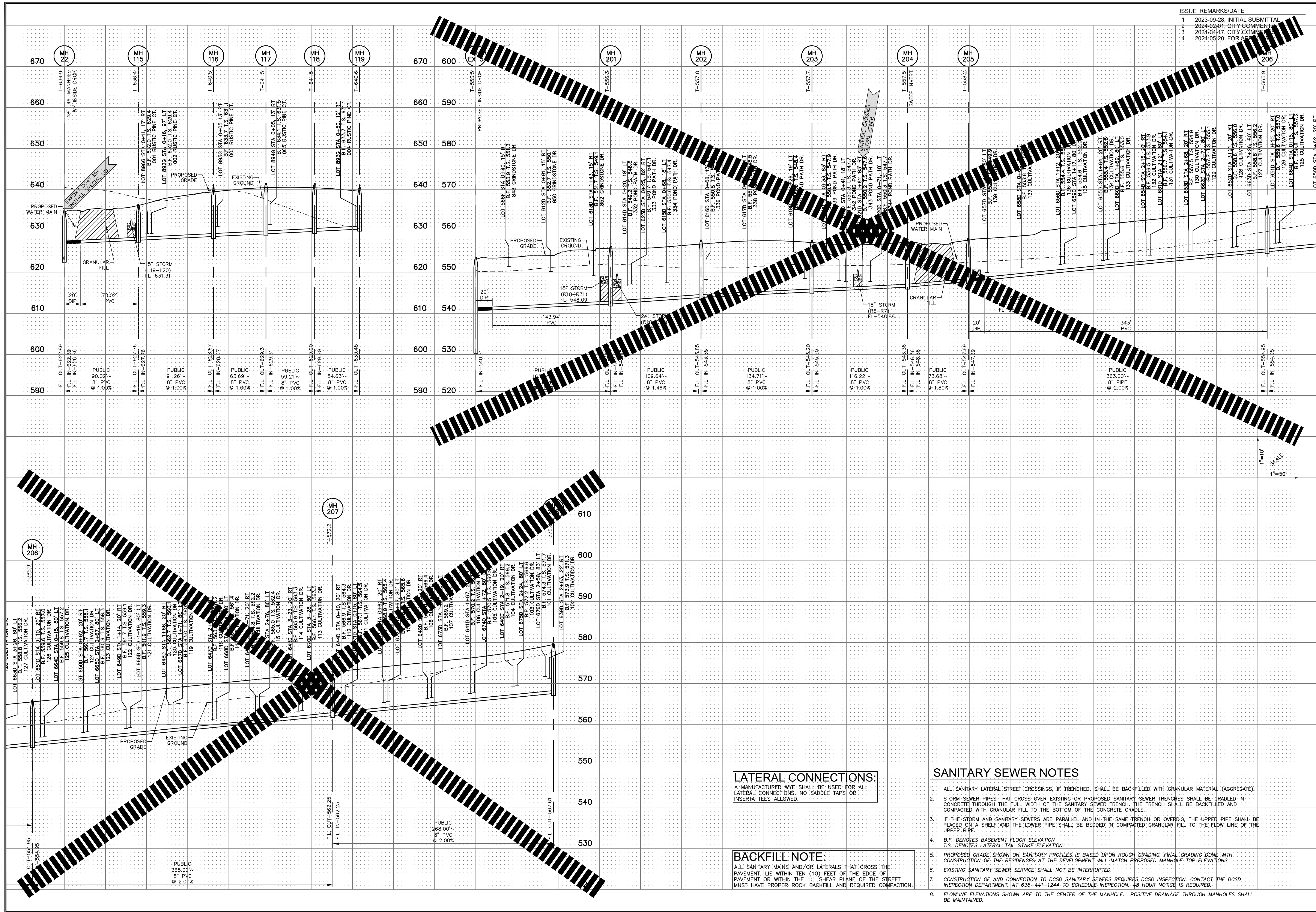


Drawing name: V:\2023\27 Highway N Assembly\Drawings\Improvements\327 MP Sanitary.dwg Plotted on: May 20, 2024 - 10:45am Plotted by: jacobknaus



ISSUE	REMARKS/DATE
1	2023-09-28, INITIAL SUBMITTAL
2	2024-02-04, CITY COMMENT
3	2024-04-17, CITY COMMENT
4	2024-05-20, FOR APPROVAL

PROJECT TITLE
HARVEST AT HOPEWELL
 O'FALLON, 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
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 Corporate Certificate of Authority #001348

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

HARVEST HOPEWELL, LLC
 5091 New Baumgartner Road
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SANITARY PROFILES

P+Z No. 21-004994
 City No. 21-011444
 Date: 05-20-2024
 Job No. 20-09-327
 Page No. **6.9**
 IMP

LATERAL CONNECTIONS:
 ALL SANITARY MAINS AND/OR LATERALS THAT CROSS THE PAVEMENT, LIE WITHIN TEN (10) FEET OF THE EDGE OF THE PAVEMENT DR. WITHIN THE 1:1 SHEAR PLANE OF THE STREET MUST HAVE PROPER ROCK BACKFILL AND REQUIRED COMPACTION.

BACKFILL NOTE:
 ALL SANITARY MAINS AND/OR LATERALS THAT CROSS THE PAVEMENT, LIE WITHIN TEN (10) FEET OF THE EDGE OF THE PAVEMENT DR. WITHIN THE 1:1 SHEAR PLANE OF THE STREET MUST HAVE PROPER ROCK BACKFILL AND REQUIRED COMPACTION.

- 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 GRADED 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
T.S. DENOTES LATERAL TAIL STAKE 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.