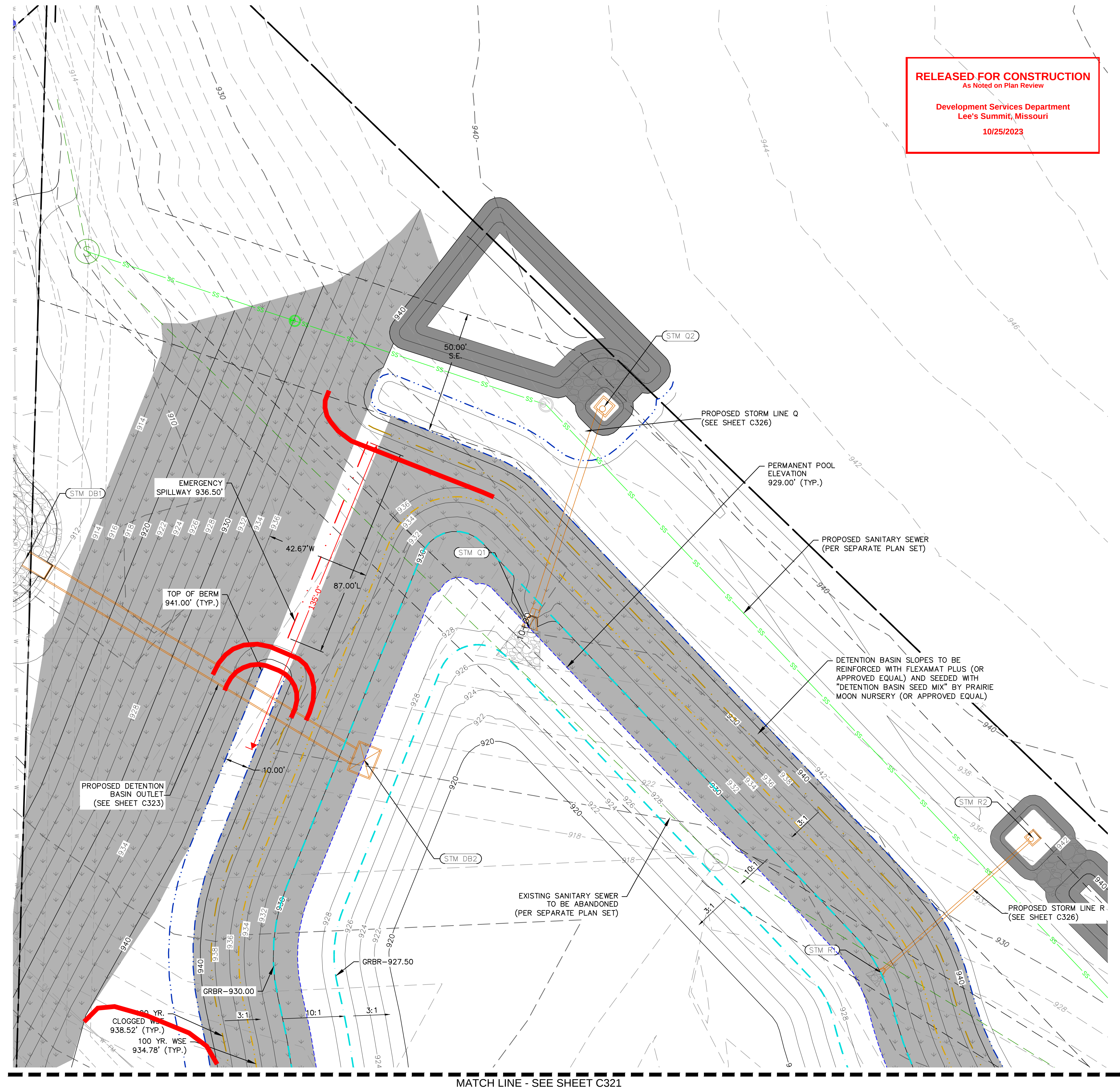


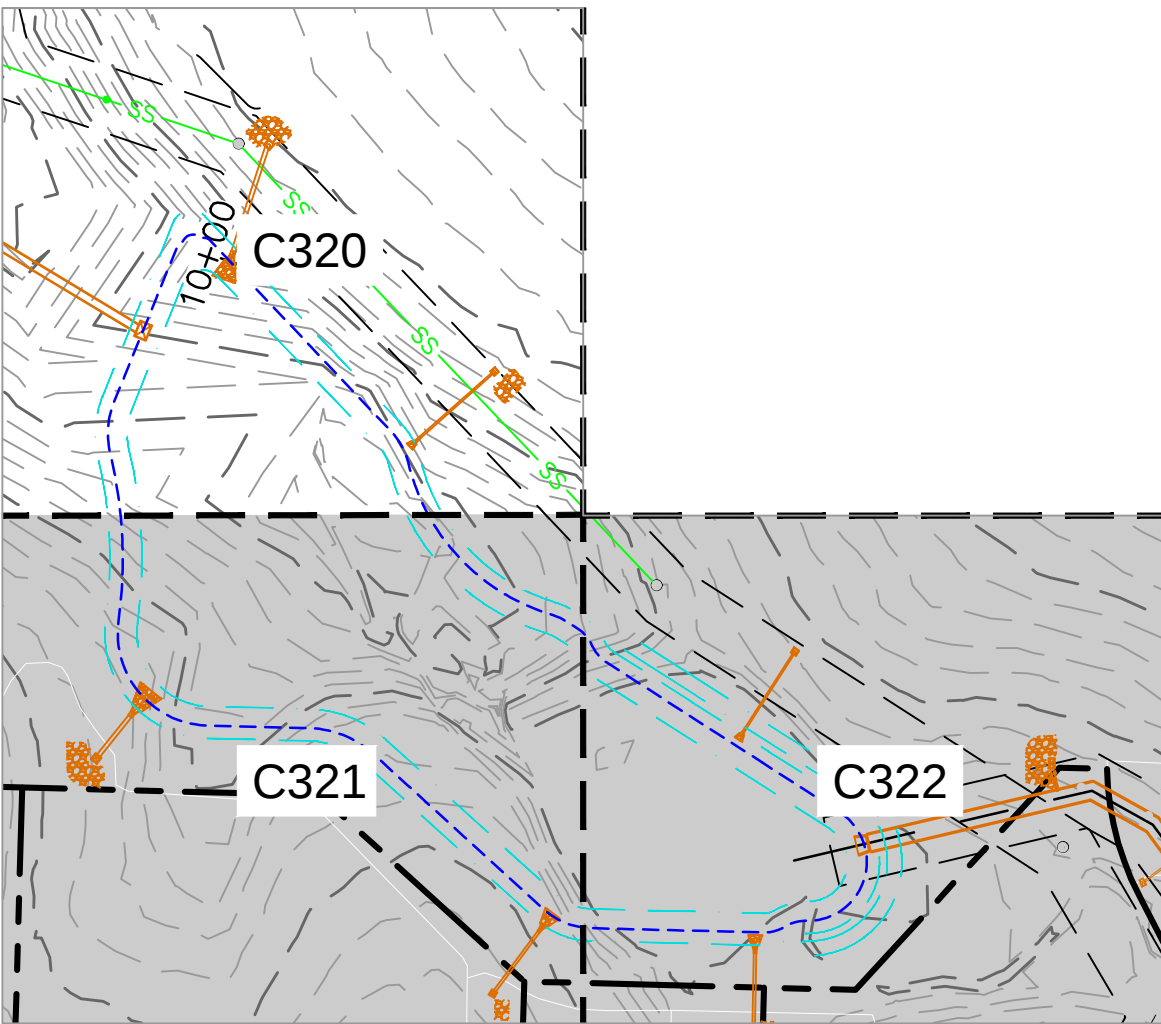


RELEASED FOR CONSTRUCTION
As Noted on Plan Review

Development Services Department
Lee's Summit, Missouri

10/25/2023

- ### GRADING LEGEND
- | | | |
|--|-----|---|
| | 999 | FINISHED GRADE MAJOR CONTOUR |
| | 999 | FINISHED GRADE MINOR CONTOUR |
| | 999 | EXISTING GRADE MAJOR CONTOUR |
| | 999 | EXISTING GRADE MINOR CONTOUR |
| | | GRADE BREAK |
| | | TOP OF BERM |
| | | EMERGENCY SPILLWAY |
| | | 100 YR. WSE |
| | | 100 YR. CLOGGED WSE |
| | | PERMANENT POOL ELEVATION |
| | | PROPOSED STORM SEWER |
| | SS | PROPOSED SANITARY SEWER TO BE RELOCATED |
| | | EXISTING SANITARY SEWER |
| | | TURF REINFORCEMENT MAT SEEDED
WITH NATIVE PLANTING MIX |
| | | TEMPORARY EROSION CONTROL BLANKET |



SITE KEY

EMBANKMENT FILL AND COMPACTION REQUIREMENTS

1. THIRD PARTY TESTING REQUIRED FOR CONSTRUCTION OF THE DETENTION BASIN.
2. REMOVE TOPSOIL AND ORGANIC DIRT FROM THE AREA.
3. PROOF ROLL TO CHECK THE SUBGRADE. REMOVE OR REPAIR ANY UNSTABLE AREA IN ACCORDANCE WITH THIRD PARTY TESTER.
4. ALL EMBANKMENT FILLS SHOULD CONSIST OF APPROVED MATERIALS:
 - MAXIMUM ORGANIC CONTENT: 4%
 - LIQUID LIMIT, LL: $30 < LL < 50$
 - MAXIMUM STANDARD PERMEABILITY, K_s : 1.5E-05 CM/SEC
5. AS DEFINED ABOVE, SUITABLE FILL MATERIALS SHOULD BE PLACED IN LOOSE LIFTS OF 8 INCHES OR LESS AND COMPACTED USING APPROPRIATELY SIZED AND TYPE EQUIPMENT. EMBANKMENT FILL SHOULD BE COMPACTED TO AT LEAST 95 PERCENT OF THE STANDARD PROCTOR MAXIMUM DRY DENSITY AT A MOISTURE CONTENT BETWEEN ONE (1) PERCENT BELOW OPTIMUM MOISTURE CONTENT AND FOUR (4) PERCENT ABOVE OPTIMUM MOISTURE CONTENT.
6. WHERE REQUIRED, SLOPES SHOULD BE FLATTENED TO AT LEAST 3H:1V AND SUITABLY BENCHED PRIOR TO PLACEMENT OF NEW FILLS. IF CUTBACKS INTO EXISTING SLOPES ARE REQUIRED TO REMOVE DISTURBED OR OTHERWISE UNSUITABLE MATERIAL, THE BENCHES SHOULD BE CUT PARALLEL TO THE EXISTING SITE CONTOURS. THE BENCHES SHOULD HAVE MAXIMUM VERTICAL FACE HEIGHTS OF THREE (3) FEET AND MINIMUM VERTICAL FACE HEIGHTS OF ONE (1) FOOT.

NOTE

1. DEVELOPER TO PROVIDE EMERGENCY DRAWDOWN FOR THE BASIN IF NECESSARY IN THE FUTURE BY MEANS OF PUMPING.

