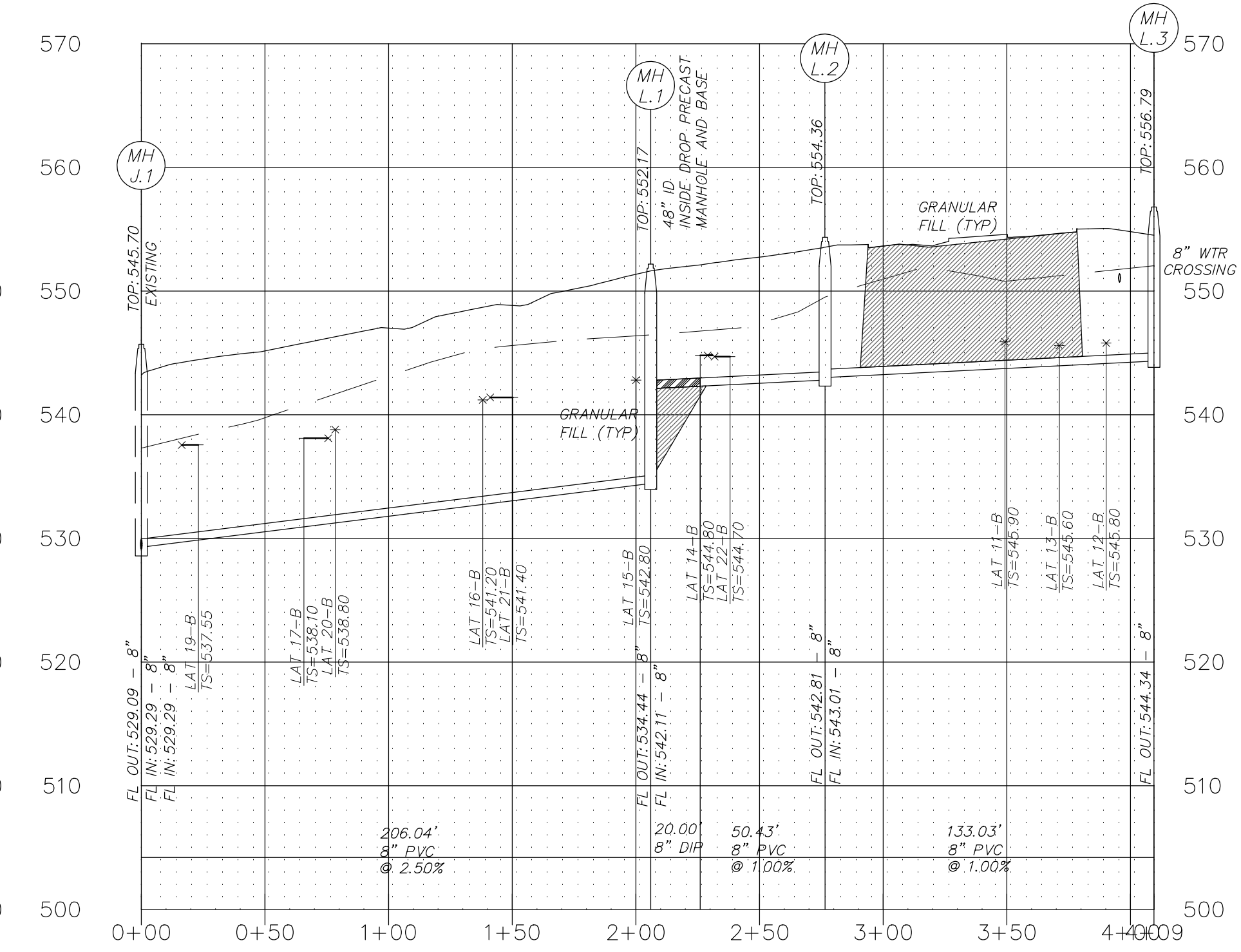
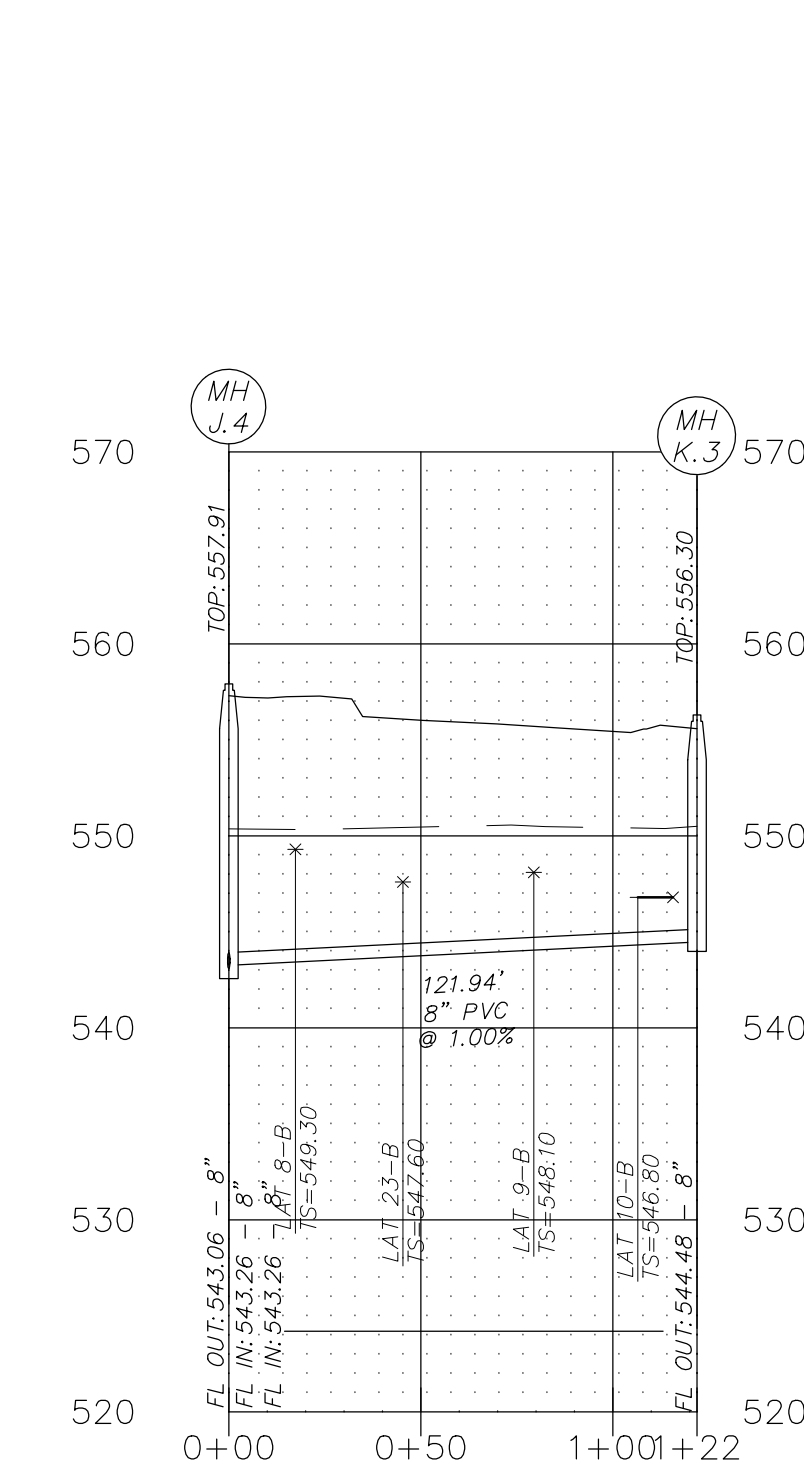
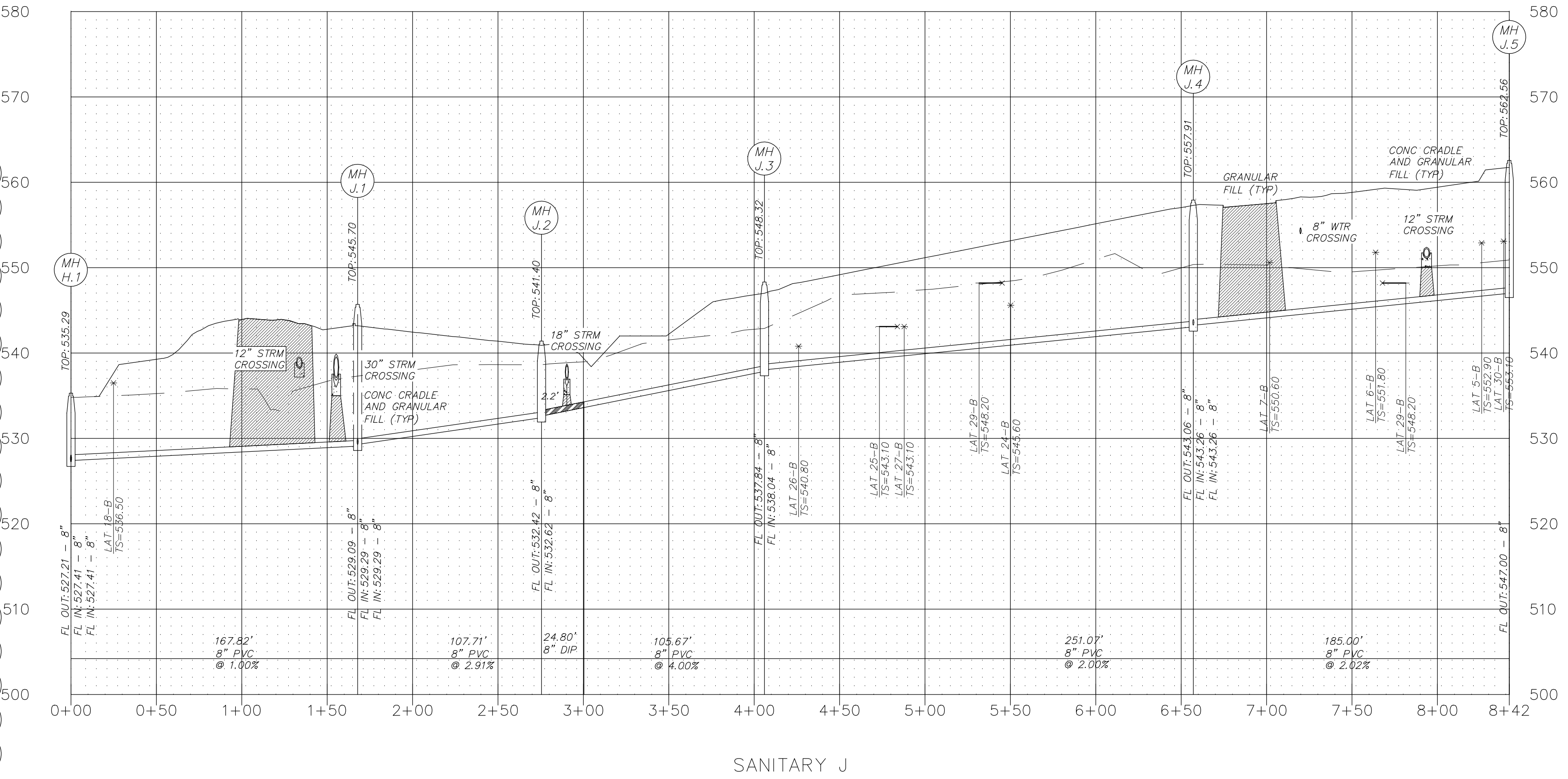
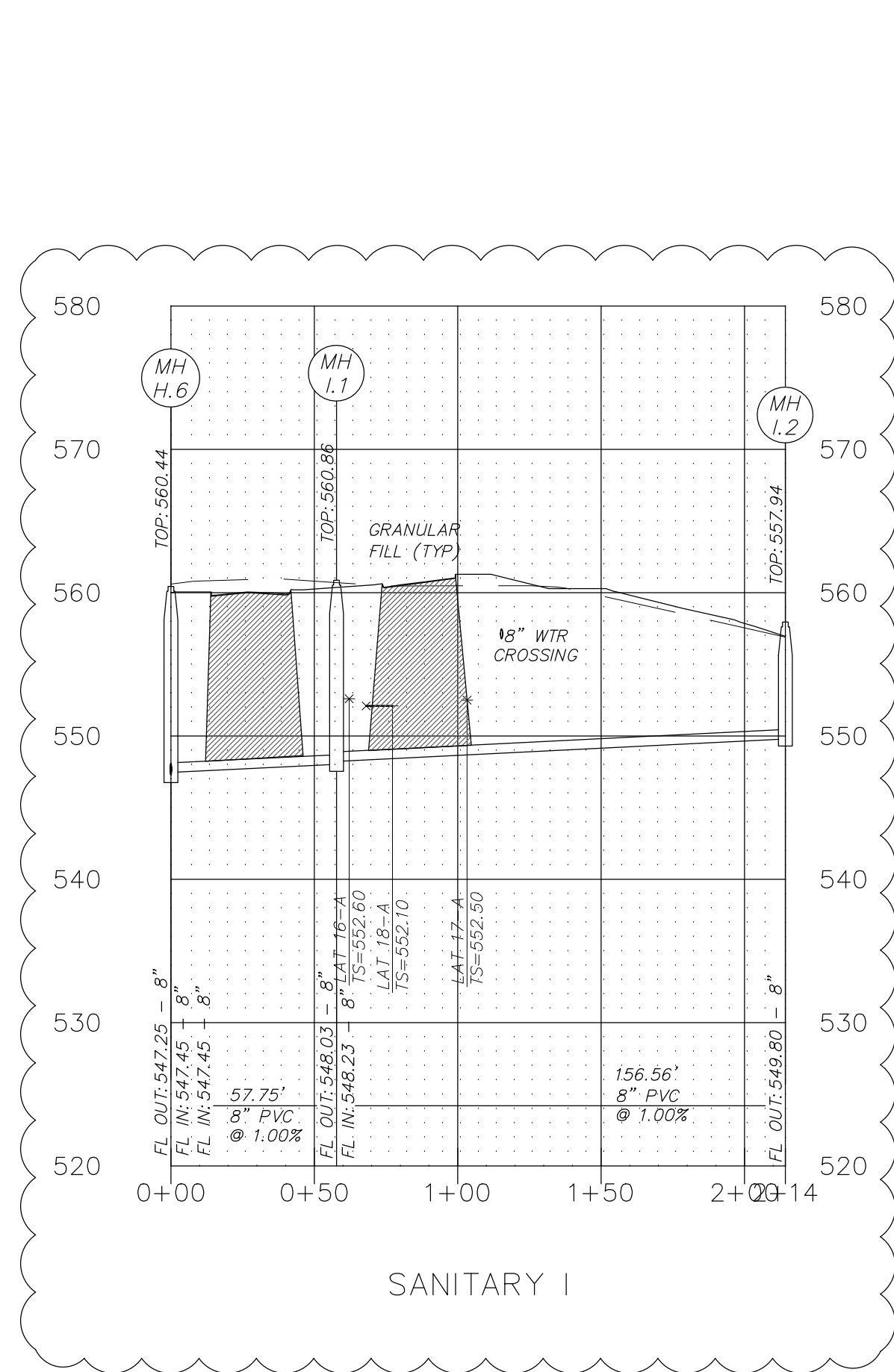


\\PFS-585201\Projects\44055\MCH000\dwg\Output\Improvement Plans REVISED PHASE A\07-14055 SANITARY PROFILES.dwg



NOTES:

ALL SANITARY LATERAL AND SANITARY MAINS CROSSING UNDER PAVEMENT, IF TRENCHED, LIE WITHIN TEN (10) FEET OF THE EDGE OF PAVEMENT OR WITHIN THE 1:1 SHEAR PLANE SHALL BE BACKFILLED WITH GRANULAR MATERIAL (AGGREGATE) AND COMPACTED.

IF THE STORM AND SANITARY SEWERS ARE PARALLEL AND IN THE SAME TRENCH OR OVERDIG, THE UPPER SHALL BE PLACED ON A SHELF AND THE LOWER SHALL BE BEDDED IN COMPACTED GRANULAR FILL TO THE FLOW LINE OF THE UPPER.

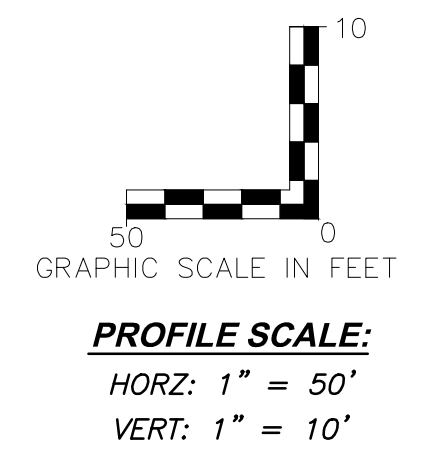
WHEN STORM SEWERS PIPES WHICH CROSS OVER EXISTING OR PROPOSED SANITARY SEWER OR WATER MAIN TRENCH, PROVIDE COMPACTED GRANULAR BACKFILL FROM THE TOP OF THE SANITARY SEWER OR WATER MAIN TO THE BOTTOM OF THE STORM SEWER AND CONSTRUCT CONCRETE CRADLE TO THE TOP OF THE STORM SEWER PIPE AND CONCRETE ENCASE HDPE STORM SEWER PIPE WHEN IT IS MORE THAN 18 INCHES ABOVE THE SANITARY SEWER ACROSS THE FULL WIDTH OF THE TRENCH. WHEN THE STORM SEWER IS LESS THAN 18" SEPARATION, BOTH PIPES ARE TO BE ENCASED IN CONCRETE. PROVIDE TWENTY (20) FEET OF DUCTILE IRON PIPE WHERE THE SANITARY SEWER CROSSES OVER THE STORM SEWER TRENCH.

ALL NEW SANITARY LATERALS SHALL BE CONSTRUCTED WITH A MINIMUM TWO (2) PERCENT SLOPE.

ONE FULL SECTION OF WATER PIPE SHALL BE CENTERED OVER THE TRENCH AT ALL WATER MAIN CROSSINGS.

EXISTING SANITARY SEWER SERVICE SHALL NOT BE INTERRUPTED.

CONNECTIONS TO EXISTING SANITARY AND CONSTRUCTION OF NEW SANITARY SEWERS REQUIRES DCSD INSPECTION. CONTACT STEVE OVERBY, DCSD CHIEF INSPECTOR, AT 636-441-1244 TO SCHEDULE INSPECTIONS. 48 HOURS ADVANCE NOTICE IS REQUIRED.



PROJECT TITLE
IMPROVEMENT PLANS
THE VILLAGES AT
MONTRACHET
SANITARY PROFILES

PICKETT, RAY & SILVER INC
CIVIL ENGINEERING, LAND SURVEYING,
AND NATURAL RESOURCES SERVICES

St. Peters
22 Richmond Center Court
St. Peters, MO 63776
Phone (636) 397-1211 Fax (636) 397-1104
www.prs.com 1-800-708-3918

ENGINEERS AUTHENTICATION
THE RESPONSIBILITY FOR PROFESSIONAL ENGINEERING LIABILITY ON THIS PROJECT IS LIMITED TO THE SET OF PLANS AUTHENTICATED BY THE SEAL, SIGNATURE, AND DATE HEREON ATTACHED. RESPONSIBILITY IS DISCLAIMED FOR ALL OTHER ENGINEERING PLANS PROVIDED IN THIS PROJECT AND SPECIFICALLY EXCLUDES REVISIONS AFTER THIS DATE UNLESS REAUTHENTICATED.

PICKETT, RAY & SILVER, INC. MO. LICENSE #000336

07/19/16

KARL A. SCHENCKE, P.E.
PROFESSIONAL ENGINEER LICENSE 2003015039

Developer / Owner Information
MONTRACHET DEVELOPMENT LLC
218 Chesterfield Towne Centre
Chesterfield, Missouri 63005
Phone: 636-530-6900

06-16-16 REVISED AT CROSSING OF MONTRACHET DR AND POWER LINES

P+Z No. 15-15.01

City No. 15-742-SP

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DCSD APPROVED 11/30/15 PERMIT NUMBER 2015-2-005

CITY OF O'FALLON REVISED STORM 10 07/19/16

PWSD #2 APPROVED 12/30/15