1" = 20' HORIZONTAL

1" = 5' VERTICAL

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CONNECTION 530 CLEANOUT 525 525 BUILDING 5 F.F.E. (1) = 519.25 NEW GROUND LINE -F.F.E.(2) = 520.00520 520 6" PVC @ 2.0% MIN. SLOPE 3' ~ 6" SDR 35 PVC →FL = +/- 515.34 @ 2.00%— (SEE PLUMBING PLANS) (PRIVATE) 510 505 505 500 500 -0+400+00 SANITARY SEWER PROFILE SCALES:

1" = 20' HORIZONTAL

1" = 5' VERTICAL

CLEANOUT 123 121 530 525 CONNECTION CONNECTION 122 520 520 NEW GROUND LINE -EX. GROUND LINE — 515 79' ~ 6" SDR 35 PVC 2' → 6" SDR 35 PVC **2.00% `**—@ 2.00% 510 PRIVATE) (PRIVATE) 500 5' ~ 6" SDR 35 PVC @ 2.00%— (PRIVATE) 495 F = 501.87 (SE 501.87 (NE) 501.87 (NW) 490 485 485 -0+40 0+00 1+00 1+40

SANITARY SEWER PROFILE

1" = 5' VERTICAL

1" = 20' HORIZONTAL

SCALES:

LATERAL CONNECTION 530 CLEANOUT 124 **BUILDING 5** NEW GROUND LINE — F.F.E. = 518.33 515 6" PVC @ 2.0% MIN. SLOPE EX. GROUND LINE — +FL = +/- 514.23 3' ~ 6" SDR 35 PVC (SEE PLUMBING PLANS) @ 2.00%**-/** (PRIVATE) ≱In 505 505 500 500 리군군 495 -0+40 0+00 0+60 SANITARY SEWER PROFILE

SCALES:

1" = 20' HORIZONTAL

1" = 5' VERTICAL

540 CLEANOUT 119 535 535 530 <u>MANHOLE</u> <u> CLEANOUT</u> 117 LATERAL CONNECTION 525 525 118 NEW GROUND LINE -520 /--EX. GROUND LINE 2' ~ 6" SDR 35 PVC 79' ~ 6" SDR 35 PV( @ 2.00% **-**@|2.00% ~ 6" SDR 35 PVC (PRIVATE) (PRIVATE) @ 2.00% 510 (PRIVATE) 505 FL OUT = 513.62 (FL IN =  $\overline{513.62}$  (SE 500 500 495 495 0 2 2

# SANITARY SEWER PROFILE

1+00

SCALES: 1" = 20' HORIZONTAL

1" = 20" HORIZONTAL 1" = 5' VERTICAL

## GENERAL NOTES:

0+00

- 1. T = TOP OF MANHOLE CASTING OR INLET STONE.
- 2. ALL SANITARY SEWER PIPE TO BE SDR 35 PVC OR APPROVED EQUAL.
- 3. ALL SANITARY SEWER THAT IS 6" IS TO BE SCHEDULE 40 PVC PIPE. SEWERS THAT ARE 8" OR LARGER MAY BE SCHEDULE 35 PVC.
- 4. CONTRACTOR TO PROVIDE COMPACTED GRANULAR BACKFILL TO THE SUBGRADE OF THE PAVEMENT FOR ALL TRENCHES UNDER PAVEMENT.
- 5. PIPE CENTERLINE APPLIES TO CENTERLINE OF STRUCTURE.
- 6. LOCATION OF UTILITIES ON PIPE PROFILES ARE APPROXIMATE.
- 7. DISTANCES BETWEEN STRUCTURES ARE MEASURED TO THE CENTER OF THE STRUCTURES.
- 8. FILL MATERIAL UPON WHICH THE PROPOSED SEWERS ARE TO BE LAID SHALL BE COMPACTED TO 90% OF MAXIMUM DENSITY AS DETERMINED BY ASTM D-15571-180 AASHTO MODIFIED COMPACTION TEST AND BE VERIFIED BY THE ENGINEER.
- 9. CONTRACTOR SHALL EXPOSE ALL WATER AND GAS MAINS PRIOR TO SANITARY SEWER PIPE INSTALLATION AND VERIFY TOP OF ELEVATIONS OF UTILITIES.
- 10. ALL SEWER CONSTRUCTION AND MATERIALS TO BE IN ACCORDANCE WITH THE METROPOLITAN ST. LOUIS SEWER DISTRICT STANDARD CONSTRUCTION SPECIFICATIONS FOR DRAINAGE FACILITIES, 2009.
- 11. WHEN THE WATER LINES CROSS THE SANITARY SEWER, A MINIMUM SEPARATION OF 18" SHALL BE MAINTAINED BETWEEN WATER LINE AND SANITARY SEWER.



490

1+80

MODOT (314) 340-4100

### 2/0)

### SPECIAL NOTE TO CONTRACTOR(S):

EXISTING UNDERGROUND AND ABOVE-GRADE FACILITIES, STRUCTURES, AND UTILITIES HAVE BEEN PLOTTED ON THESE CONTRACT DOCUMENTS BASED ON THE INFORMATION AND SURVEYS AVAILABLE AT THE TIME OF DRAWING PREPARATION. THE LOCATIONS OF THESE FEATURES MUST, THEREFORE, BE CONSIDERED APPROXIMATE, ONLY. IN ADDITION, THERE MAY BE OTHER FACILITIES, STRUCTURES, AND UTILITIES WHICH DID NOT EXIST (OR THE EXISTENCE OF WHICH WAS NOT KNOWN) AT THE TIME OF DRAWING PREPARATION. IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR(S) TO HAVE ALL EXISTING FACILITIES, STRUCTURES, AND UTILITIES LOCATED IN THE FIELD PRIOR TO ANY EXCAVATION OR CONSTRUCTION ACTIVITY; AND TO PROTECT ALL SUCH EXISTING FEATURES (EXCEPT THOSE SPECIFICALLY NOTED FOR REMOVAL OR DEMOLITION) DURING CONSTRUCTION.

PRINTS ISSUED

05/11/18 - Permit Set

REVISIONS:

03/26/2019 Addendum #5 (Civil Issue)



THE PROFESSIONALS WHOSE SIGNATURES AND SEALS APPEAR HERE, ASSUME RESPONSIBILITY!
WHAT APPEARS ON THIS SHEET ONLY. ALL OTHER PLANS, SPECIFICATIONS, REPORTS, AND OTH
DOCUMENTS, DESIGN OR REVISIONS BY CONTRACTORS, OWNER OR OTHERS ARE NOT PART OF
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# RENEW O'FALLON

SHEET TITLE SANITARY SEWER PROFILES

PROJECT NUMBER: 17050

SHEET NUMBER:

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Y: AMH CHECKED BY: AMG