

SANITARY SEWER NOTES:

1. LOCATION OF EXISTING UNSUBSIDIARIS UTILITIES ARE APPROXIMATE AND ARE NOT NECESSARILY ALL OF SAME. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE APPROPRIATE UTILITY COMPANY TO DETERMINE THE EXACT LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE CONTRACTOR SHALL ALSO ASSUME FULL RESPONSIBILITY FOR DAMAGE TO ANY UTILITIES ENCOUNTERED WITHIN CONSTRUCTION PARAMETERS FOR THE LOCATION OF EXISTING UTILITIES. PLEASE CALL 1-800-351-1111 FOR SEWER SERVICE LOCATIONS. CALL 529-8025.
2. CONTRACTOR SHALL ENSURE UNINTERRUPTED SEWER SERVICE ON EXISTING SEWER AND SERVICE CONNECTIONS BY PROVIDING AMPLE TEMPORARY WASTEWATER PUMPING AND/OR BYPASSING.
3. CONTRACTOR SHALL MAINTAIN ACCESS TO ALL PROPERTIES.
4. CONTRACTOR SHALL NOTIFY THE CITY OF MEMPHIS CONSTRUCTION INSPECTION OFFICE AT 729-2462 A MINIMUM OF 24 HOURS PRIOR TO BEGINNING ANY CONSTRUCTION.
5. ALL AREAS IN CITY OF FILL WHERE VEGETATION HAS BEEN REMOVED SHALL BE SEED, MULCHED, FERTILIZED, AND/OR SOAKED AS REQUIRED TO PREVENT EROSION.
6. THE CONTRACTOR SHALL VERIFY EXISTING DATA AND REPORT ANY SIGNIFICANT DISCREPANCIES TO THE ENGINEER.
7. ALL SANITARY SEWER LINES TO BE CONSTRUCTED AS PER CITY OF MEMPHIS STANDARD CONSTRUCTION SPECIFICATIONS SANITARY SEWER SERVICE CONNECTIONS TO BE INSTALLED AS PER CITY OF MEMPHIS STANDARD SST-16.
8. ALL SEWER MANHOLE LIDS IN OPEN AREAS ARE TO BE CONSTRUCTED 1.5' ABOVE PROPOSED GRADE. IN BACKYARDS, MANHOLE LIDS ARE TO BE 1.5' ABOVE INITIAL GRADE, 0.5' ABOVE FINAL GRADE.
9. ALL SANITARY SEWER EXHOSURE EXPOSED CONCERNS WHICH HAVE LESS THAN 1.5' OF COVER SHALL BE PROTECTED WITH 18" DIA. OR 18" DIA. OR 18" DIA. OR 18" DIA. D.I.P. OR CONCRETE ENCASED, 1" BOTH SIDES OF CROSSING. ALL DUCTILE IRON PIPE SHALL BE POLYETHYLENE LINED OR SHALL BE TREATED WITH PROTECTED 40' OF APPROVED COVER.
10. THE CITY OF MEMPHIS SHALL HAVE SUCCESSOR RIGHTS TO USE PRIVATE DRIVES AND YARDS FOR THE PURPOSE OF MAINTAINING ALL PUBLIC SEWER LINES AND SHALL BEAR NO RESPONSIBILITY FOR THE MAINTENANCE OF SAID PRIVATE DRIVES AND YARDS.
11. NO TREES, SHRUBS, PERMANENT STRUCTURES OR OTHER UTILITIES (EXCEPT FOR CROSSINGS) WILL BE ALLOWED WITHIN SANITARY SEWER EASMENT. NO OTHER UTILITIES OR SANITARY SEWER ELEMENTS IN PRIVATE DRIVES AND YARDS SHALL BE ALLOWED EXCEPT FOR CROSSINGS.
12. ALL SANITARY SEWER MANHOLES IN REVERSE CHIMNEY STREETS, ALLEYS OR DRIVES (PUBLIC OR PRIVATE) SHALL BE PROVIDED WITH GASKETS AND PLUGS FOR "TICK HOLES" TO PREVENT DAMAGE INFLOW INTO SEWER SYSTEM.
13. THE CONTRACTOR SHALL PROVIDE ADEQUATE AND EFFECTIVE EROSION CONTROL AS NECESSARY TO PREVENT ANY SITUATION INTO EXISTING DRAINAGE SYSTEM AND/OR ADJACENT PROPERTIES.

CITY BENCHMARK: PROJECT BENCHMARK IS BM # 976, SW CORNER IN SIDEWALK AT THE INTERSECTION OF HIGHWAY 51 AND NORTH WATKINS STREET. THE BENCHMARK IS A 6" DIA. IRON PIPE WITH A 4" DIA. GALV. WALK AROUND MONUMENT. ELEVATION=533.46.

FLOOD ZONE: FEMA FLOOD PANEL 4752030806F WITH AN EFFECTIVE DATE OF SEPTEMBER 28, 2007. SIGNIFICANT PORTIONS OF THIS PROJECT AREA LIE WITHIN THE 100 YR FLOOD ZONE. FLOOD ELEVATION=254.00.

UTILITY RECORD: 10-10 DIVISION OF ENGINEERING SHEET 3 OF 4

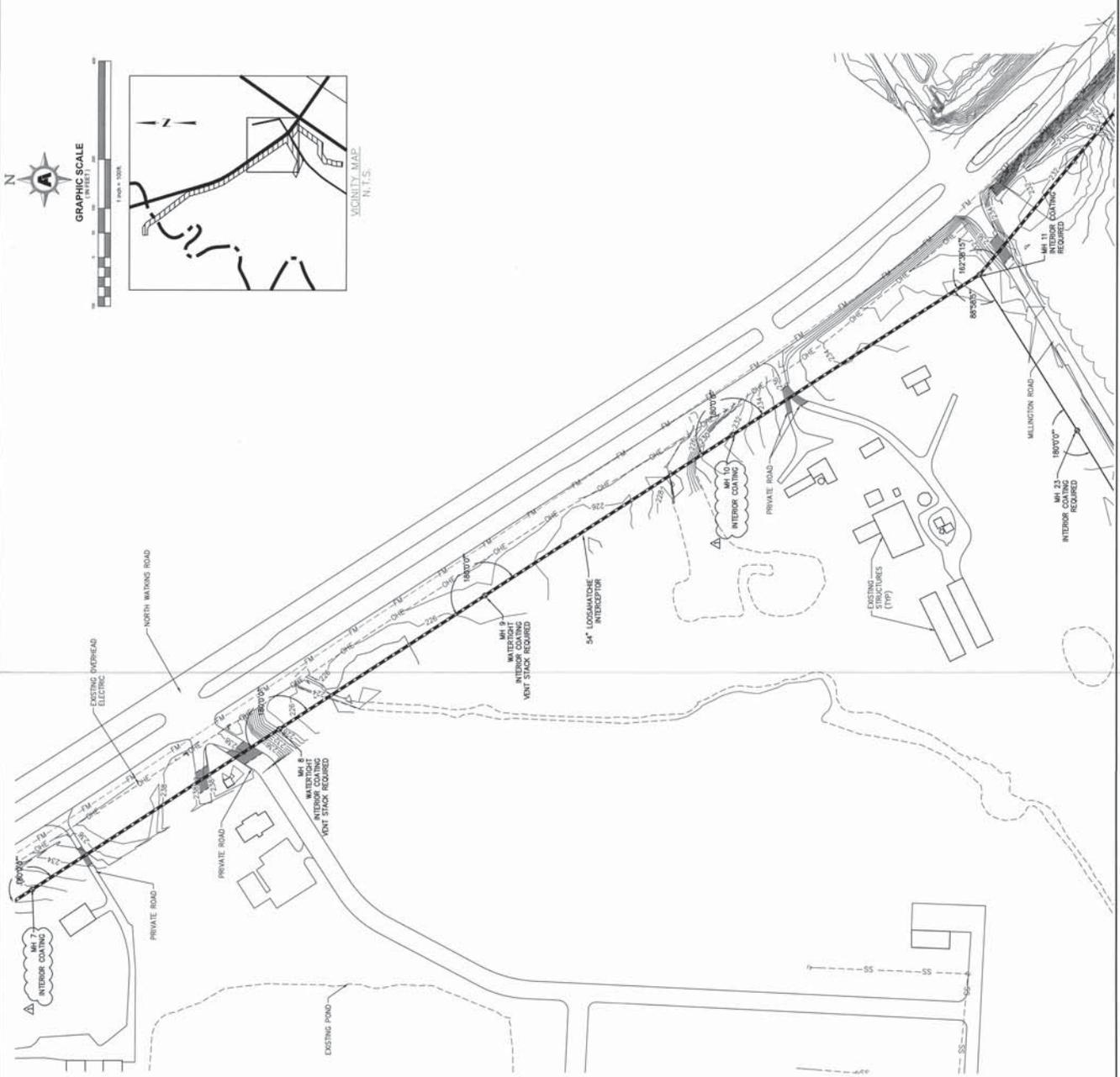
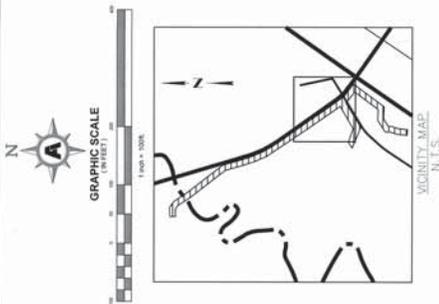
SEWER PLAN

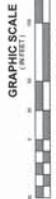
LOCATION: HIGHWAY 51 & NORTH WATKINS STREET
 SHEWY FISHER & ARNOOLD, INC. DATE: 07/2018 PROJECT NO. A10560
 DRAWN BY: NOK DATE: 07/2018
 APPROVED



NO.	REVISION	DATE
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OLD LOOSHATCHER SEWER DIVERSION
 DEVELOPER: SARBID
 ENGINEER: FISHER & ARNOOLD, INC.





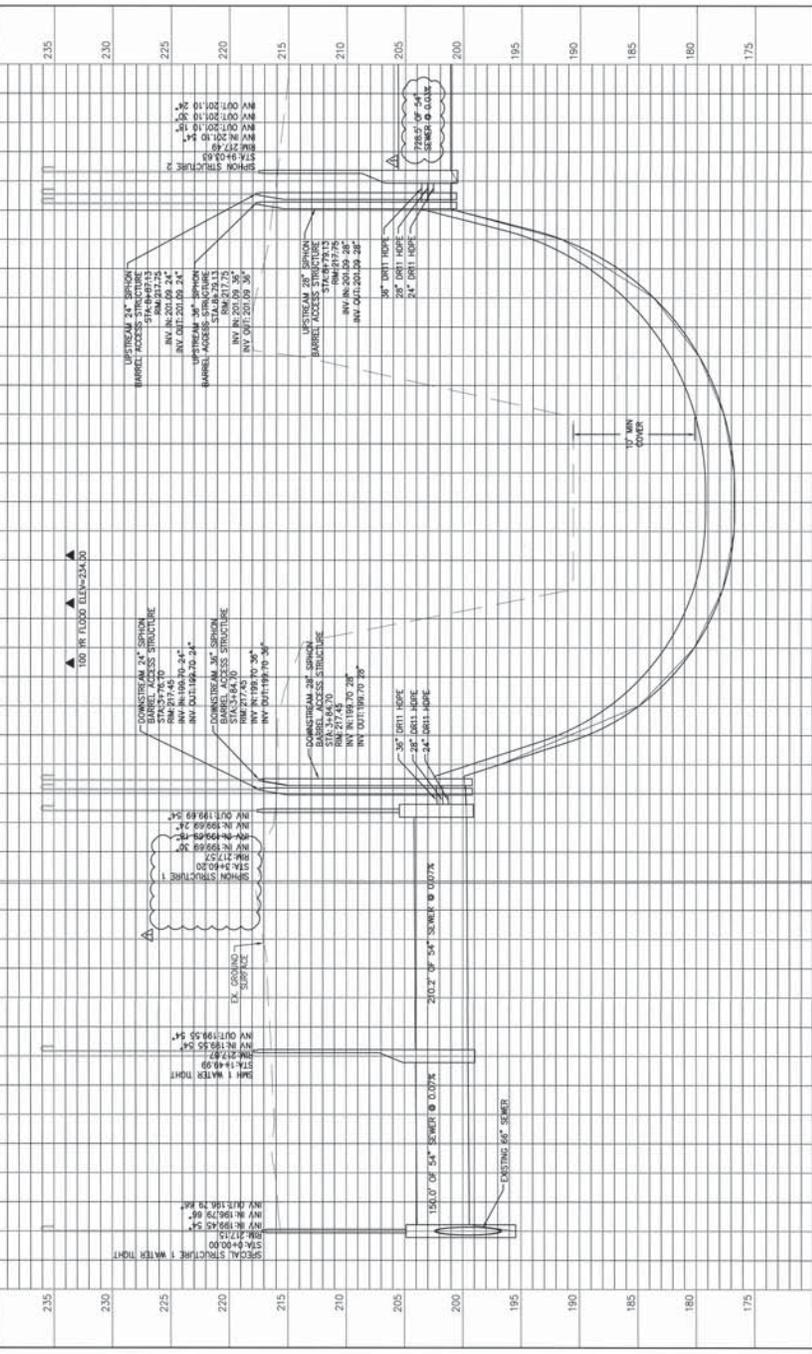
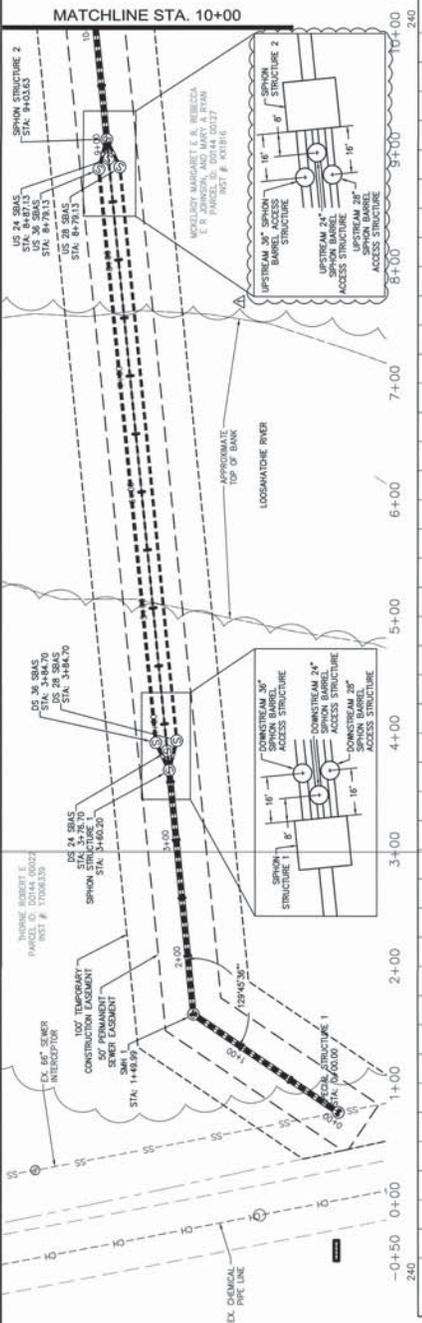
- SANITARY SEWER NOTES:**
1. LOCATION OF EXISTING UNDERGROUND UTILITIES ARE APPROXIMATE AND ARE NOT TO BE CONSIDERED AS A GUARANTEE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING THE APPROPRIATE UTILITY COMPANY TO DETERMINE THE EXACT LOCATION OF ALL UTILITIES AND/OR UNDERGROUND STRUCTURES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THE FULL RESPONSIBILITY FOR DAMAGE TO ANY UTILITIES ENCOUNTERED WITHIN THE PROJECT AREA. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THE NECESSARY PERMITS FOR THE LOCATION OF EXISTING UTILITIES. PLEASE CALL 1-800-393-1111 FOR SEWER SERVICE LOCATIONS, CALL 528-8025.
 2. CONTRACTOR SHALL ENSURE UNINTERRUPTED SEWER SERVICE ON EXISTING SANITARY SEWER LINES BY PROVIDING ADEQUATE TEMPORARY WASTEWATER PUMPING AND/OR BYPASSING.
 3. CONTRACTOR SHALL MAINTAIN ACCESS TO ALL PROPERTIES.
 4. OFFICE AT 729-2424 A MINIMUM OF 24 HOURS PRIOR TO BEGINNING ANY CONSTRUCTION.
 5. ALL AREAS IN CUT OR FILL WHERE VEGETATION HAS BEEN REMOVED SHALL BE SEED, MULCHED, FERTILIZED, AND/OR SOODED AS REQUIRED TO PREVENT EROSION.
 6. CONTRACTOR SHALL VERIFY EXISTING DATA AND REPORT ANY SIGNIFICANT DISCREPANCIES TO THE ENGINEER.
 7. ALL SANITARY SEWER TO BE CONSTRUCTED AS PER CITY OF MEMPHIS STANDARD CONSTRUCTION SPECIFICATIONS. SANITARY SEWER SERVICE CONNECTIONS TO BE INSTALLED AS PER CITY OF MEMPHIS STANDARD SST-1H.
 8. ALL SEWER MANHOLE LIDS IN OPEN AREAS ARE TO BE CONSTRUCTED 1.5' ABOVE FINISHED GRADE UNLESS NOTED OTHERWISE.
 9. ALL SANITARY SEWER, INCLUDING SERVICE CONNECTIONS, WHICH HAS LESS THAN 1.5' CLEARANCE (OUTSIDE OF PIPES) WITH DRAINAGE OR IN FILL AREAS SHALL BE PROTECTED WITH 18" CONCRETE CURBS AND 18" CONCRETE CURBS OF CROSSING. ALL DOUBLE IRON PIPE SHALL BE POLYETHYLENE LINED OR SHALL BE TREATED WITH PROTECTO 40 OR APPROVED EQUIVALENT.
 10. THE CITY OF MEMPHIS SHALL HAVE INGRESS/EGRESS RIGHTS TO USE PRIVATE PROPERTY TO MAINTAIN AND REPAIR SANITARY SEWER LINES AND SHALL BEAR NO RESPONSIBILITY FOR THE MAINTENANCE OF SAID PRIVATE DRIVES AND YARDS.
 11. NO TREES, SHRUBS, PERMANENT STRUCTURES OR OTHER UTILITIES (EXCEPT FOR CROSSINGS) WILL BE ALLOWED WITHIN SANITARY SEWER EASMENT, NO PERMANENT STRUCTURES OR OTHER UTILITIES (EXCEPT FOR CROSSINGS) IN PRIVATE DRIVES AND YARDS EXCEPT FOR CROSSINGS.
 12. ALL SANITARY SEWER MANHOLES IN REVERSE CROWN STREETS, ALLEYS OR DRIVES (PUBLIC OR PRIVATE) SHALL BE PROVIDED WITH GARNETS AND PLUGS FOR "POCK HOLES" TO PREVENT DRAINAGE INFLOW INTO SEWER SYSTEM.
 13. THE CONTRACTOR SHALL PROVIDE ADEQUATE AND EFFECTIVE EROSION CONTROL MEASURES TO PREVENT EROSION AND TO PROTECT EXISTING DRAINAGE SYSTEM AND/OR ADJACENT PROPERTIES.

ALL EROSION CONTROL MEASURES SHALL BE IN ACCORDANCE WITH THE CITY OF MEMPHIS STANDARD CONSTRUCTION SPECIFICATIONS. SANITARY SEWER SERVICE CONNECTIONS TO BE INSTALLED AS PER CITY OF MEMPHIS STANDARD SST-1H. ALL SEWER MANHOLE LIDS IN OPEN AREAS ARE TO BE CONSTRUCTED 1.5' ABOVE FINISHED GRADE UNLESS NOTED OTHERWISE. ALL SANITARY SEWER, INCLUDING SERVICE CONNECTIONS, WHICH HAS LESS THAN 1.5' CLEARANCE (OUTSIDE OF PIPES) WITH DRAINAGE OR IN FILL AREAS SHALL BE PROTECTED WITH 18" CONCRETE CURBS AND 18" CONCRETE CURBS OF CROSSING. ALL DOUBLE IRON PIPE SHALL BE POLYETHYLENE LINED OR SHALL BE TREATED WITH PROTECTO 40 OR APPROVED EQUIVALENT. THE CITY OF MEMPHIS SHALL HAVE INGRESS/EGRESS RIGHTS TO USE PRIVATE PROPERTY TO MAINTAIN AND REPAIR SANITARY SEWER LINES AND SHALL BEAR NO RESPONSIBILITY FOR THE MAINTENANCE OF SAID PRIVATE DRIVES AND YARDS. NO TREES, SHRUBS, PERMANENT STRUCTURES OR OTHER UTILITIES (EXCEPT FOR CROSSINGS) WILL BE ALLOWED WITHIN SANITARY SEWER EASMENT, NO PERMANENT STRUCTURES OR OTHER UTILITIES (EXCEPT FOR CROSSINGS) IN PRIVATE DRIVES AND YARDS EXCEPT FOR CROSSINGS.

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APPROVED: DATE: 06/20/2018
 DIVISION OF ENGINEERING
 SHEET 1 OF 7

54" LOOSAHATCHIE INTERCEPTOR STA. 00+00 TO 10+00
 LOCATION: HIGHWAY 51 & NORTH WATKINS STREET
 SURVEY: FISHER & ARNOLD, INC. DATE: 01/2/2018 PROJECT NO. A10005
 DRAWN BY: NIX DATE: 06/20/2018 SCALE: 1" = 30'
 CHECKED BY: NIX DATE: 06/20/2018 DATE: 03/20/2018
 APPROVED: _____
 DEPUTY CITY ENGINEER DATE CITY ENGINEER DATE
 OLD LOOSAHATCHIE SEWER DIVERSION DEVELOPER S&B10 ENGINEER FISHER & ARNOLD, INC.



ITEM	DESCRIPTION	APPROVAL
1	ADDENDUM 2	8.2.2018

STATION	DEPTH
EQ	175
EQ-215.05	175
EQ-216.00	180
EQ-216.16	185
EQ-216.53	190
EQ-216.87	195
EQ-217.08	200
EQ-217.17	205
EQ-216.85	210
EQ-217.33	215
EQ-217.92	220
EQ-218.13	225
EQ-218.53	230
EQ-219.83	235
EQ-219.83	240
EQ-219.83	245

