

CITY OF MEMPHIS SHELBY COUNTY, TENNESSEE

BELLEVUE GRAVITY SEWER IMPROVEMENTS JANUARY 2025



LOCATION MAP:
SCALE: 1"=500'

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P:\BIDDING\DESIGN\SHEET FILES\VERSION 1\OFF SITE BY OTHERS\BIDDING_COV COVER SHEET.DWG, 1/20/2025 11:34 AM, TULER, GREEN

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ABES ENGINEERING
ABES Engineering, Inc.
2500 Mt. Moriah Rd H229
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TYPICAL CONSTRUCTION NOTES:

- 1. LOCATION OF EXISTING UNDERGROUND UTILITIES ARE APPROXIMATE AND ARE NOT NECESSARILY ALL OF THE SAME. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE APPROPRIATE UTILITY COMPANY TO DETERMINE THE EXACT LOCATION OF ALL UTILITIES AND/OR UNDERGROUND STRUCTURES PRIOR TO THE INITIATION OF ANY CONSTRUCTION. CONTRACTOR SHALL ALSO ASSUME FULL RESPONSIBILITY FOR DAMAGE TO ANY UTILITIES ENCOUNTERED WITHIN CONSTRUCTION PERIMETERS. FOR SITE LOCATIONS OF EXISTING UTILITIES INVOLVING M.L.G.&W., SOUTH CENTRAL BELL, AND/OR BOARDWALK PIPELINES, AND SEWER SERVICE CONNECTIONS, PLEASE CALL 811.

GENERAL NOTES:

- 1. THE CONTRACTOR SHALL CONTACT THE TENNESSEE ONE-CALL CENTER AT 811 PRIOR TO DIGGING.
2. THE CONTRACTOR SHALL MAINTAIN TRAFFIC AND PROVIDE ADVANCE WARNING SIGNS AND TEMPORARY TRAFFIC CONTROL DEVICES IN ACCORDANCE WITH THE CITY OF MEMPHIS AND TDOT REQUIREMENTS AND THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). THE CONTRACTOR SHALL FURNISH, INSTALL, AND MAINTAIN ADVANCE WARNING SIGNS AND TEMPORARY TRAFFIC CONTROL SIGNS AND MARKINGS AS REQUIRED BY THE MUTCD THROUGHOUT CONSTRUCTION. CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN IN ACCORDANCE WITH THE CITY OF MEMPHIS AND TDOT REQUIREMENTS AND THE LATEST EDITION OF THE MUTCD PRIOR TO ANY CONSTRUCTION ACTIVITIES FOR OWNER APPROVAL.

GENERAL SANITARY SEWER NOTES:

- 1. ALL SEWER CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS OF THE CITY OF MEMPHIS, STANDARD CONSTRUCTION SPECIFICATIONS AND SARP10.
2. CONNECTIONS TO EXISTING FACILITIES SHALL BE MADE ONLY UNDER THE SUPERVISION OF A REPRESENTATIVE OF SARP10.

EROSION AND SEDIMENT CONTROL NOTES:

- 1. CONSTRUCTION ENTRANCES (TO OFFICE OR LAY DOWN AREA, AND TO WORK AREAS) TO BE MINIMUM 6" DEPTH I.D.O.T. NO. 1 OR NO. 2 STONE.
2. INSTALL WATLES OR SILT FENCE AS DICTATED ON THE EROSION CONTROL PLANS. SEE DETAILS FOR MORE INFORMATION.

BENCHMARK

BASIS OF ELEVATIONS NAVD 88 CITY - LOCATED ON THE SOUTHEAST CORNER OF GERMANTOWN PKWY AND CHIMNEYROCK BLVD, AT BACK OF SIDEWALK, ER ON CHIMNEYROCK BLVD. SIDE. ELEV. 296.21

ACCESS AND COORDINATION-BELLEVUE BAPTIST CHURCH:

- 1. THE CONTRACTOR SHALL COORDINATE INGRESS AND EGRESS OPERATIONS WITH SARP10 TO PREVENT DISRUPTION TO CHURCH OPERATIONS AND SPECIAL EVENTS.
2. MAJOR EQUIPMENT DELIVERIES MUST BE SCHEDULED AROUND PEAK CHURCH TRAFFIC TIMES.

LEGEND

Legend table with columns for existing and new sanitary sewer manholes, paved roadways, fences, and various utility lines. Includes symbols for manholes, cleanouts, valves, and lines for electrical, telephone, and fiber optic.

SEWER BASIN WN-10 SHEET 1 OF 1

CO. 1



Table with 3 columns: ITEM, DESCRIPTION, APPROVED. Contains a grid for project approvals.

Project information form including: DIVISION OF ENGINEERING SARP10, BELLEVUE GRAVITY SEWER IMPROVEMENTS, GENERAL NOTES & LEGEND, LOCATION: BELLEVUE PARKWAY MEMPHIS, TENNESSEE, SURVEY, GEODESY, DATE: 4/5/2021, BOOK, DRAWING: ABES, DATE: 1/31/2024, SCALE: AS SHOWN, DESIGN: ABES, DATE: 1/31/2024, CHECKED: DATE: REVIEWED, DEPUTY CITY ENGINEER, DATE, CITY ENGINEER, DATE, BASIN NO., FILE FOLDER, SHEET NO.

PLANVIEW/SECTION SHEET REVISIONS (OFF USE BY OTHERS) MANHOLE, GENERAL NOTES AND LEGENDS, 1/21/2025 4:02 PM, THER_GESB

CITY OF MEMPHIS SHELBY COUNTY, TENNESSEE

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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 SARP10 WITH A MINIMUM OF 24 HOURS PRIOR TO BEGINNING ANY CONSTRUCTION.
5. ALL AREAS IN CUT OR FILL WHERE VEGETATION HAS BEEN REMOVED SHALL BE SEEDED, MULCHED, FERTILIZED, AND/OR SOODED AS REQUIRED TO PREVENT EROSION.
6. THE 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-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 INCLUDING, SERVICE CONNECTIONS, WHICH HAS LESS THAN 1.5' CLEARANCE (OUTSIDE OF PIPES) WITH DRAINAGE OR IN FILLED AREAS SHALL BE CLASS 50 D.I.P. OR CONCRETE ENCASED, 10" MINIMUM BOTH SIDES OF CROSSING. ALL DUCTILE IRON PIPE (D.I.P.) SHALL BE POLYETHYLENE LINED OR SHALL BE TREATED WITH PROTECTO 401 OR APPROVED EQUIVALENT.
10. THE CITY OF MEMPHIS SHALL HAVE INGRESS/ENGRESS 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 EASEMENT. NO OTHER UTILITIES OR SERVICES MAY OCCUPY SANITARY SEWER EASEMENTS 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 GASKETS AND PLUGS FOR PICK HOLES TO PREVENT DRAINAGE INFLOW INTO SEWER SYSTEM.
13. THE CONTRACTOR SHALL PROVIDE ADEQUATE AND EFFECTIVE EROSION CONTROL AS NECESSARY TO PREVENT ANY SILTATION INTO EXISTING DRAINAGE SYSTEM AND/OR ADJACENT PROPERTIES.
14. TRACER WIRE SHALL BE INSTALLED ALONG THE LENGTH OF ALL SEWER PIPES, SERVICE CONNECTIONS, MANHOLES, AND STUBS PER STANDARD CONSTRUCTION SPECIFICATIONS AND STANDARD DETAIL SST-17.

GENERAL NOTES:

1. THE CONTRACTOR SHALL CONTACT THE TENNESSEE ONE-CALL CENTER AT 811 PRIOR TO DIGGING.
2. THE CONTRACTOR SHALL MAINTAIN TRAFFIC AND PROVIDE ADVANCE WARNING SIGNS AND TEMPORARY TRAFFIC CONTROL DEVICES IN ACCORDANCE WITH THE CITY OF MEMPHIS AND TDOT REQUIREMENTS AND THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). THE CONTRACTOR SHALL FURNISH, INSTALL, AND MAINTAIN ADVANCE WARNING SIGNS AND TEMPORARY TRAFFIC CONTROL SIGNS AND MARKINGS AS REQUIRED BY THE MUTCD THROUGHOUT CONSTRUCTION. CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN IN ACCORDANCE WITH THE CITY OF MEMPHIS AND TDOT REQUIREMENTS AND THE LATEST EDITION OF THE MUTCD PRIOR TO ANY CONSTRUCTION ACTIVITIES FOR OWNER APPROVAL.
3. THE CONTRACTOR SHALL MAINTAIN VEHICULAR AND PEDESTRIAN ACCESS TO RESIDENTS AND BUSINESSES THROUGHOUT CONSTRUCTION.
4. REPLACE CONCRETE AND ASPHALT DRIVEWAYS BY STRAIGHT LINEAR SAW CUT 12 INCHES OUTSIDE THE DISTURBED TRENCH AREA ON PROPERTY SIDE. REPLACE TO EDGE OF PAVEMENT OF EXISTING CITY STREET AND/OR COUNTY ROAD ON ROADWAY SIDE. SHOULD CUTS FALL WITHIN 2 FEET OF AN EXISTING JOINT, REPLACE TO JOINT.
5. EXISTING UTILITY SERVICE LINES, METERS, ETC. DAMAGED DURING CONSTRUCTION ARE TO BE REPAIRED OR REPLACED IN ACCORDANCE WITH THE GOVERNING UTILITY REQUIREMENTS.
6. THESE PLANS ARE BASED ON AN ACTUAL FIELD SURVEY AND LAYOUT OF THE SEWER SYSTEM. ANY DISCREPANCIES BETWEEN THE PLAN LOCATIONS AND THE ACTUAL FIELD LOCATIONS SHALL BE IMMEDIATELY COMMUNICATED TO THE DESIGN ENGINEER.
7. CONTRACTOR TO REMOVE EXISTING CULVERTS AND INSTALL NEW CULVERTS UNDER DRIVEWAYS AS REQUIRED FOR NEW SEWER LINE INSTALLATION. CULVERT REPLACEMENT COST TO BE INCLUDED IN UNIT PRICE OF NEW SEWER LINE.
8. WATER LINES AND OTHER UTILITIES SHOWN FOR INFORMATIONAL PURPOSES. VERIFY LOCATION PRIOR TO CONSTRUCTION TO PREVENT DAMAGE TO EXISTING UTILITIES.
9. REPLACEMENT OF CONCRETE DITCHES SHALL BE IN ACCORDANCE WITH TDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
10. EXISTING PIPE SIZES, MATERIALS, MANHOLE DEPTHS, AND LATERAL LOCATIONS TAKEN FROM THE CITY OF MEMPHIS DRAWINGS AND FIELD INFORMATION.
11. CONTRACTOR TO VERIFY MANHOLE ANGLES, PIPE TYPES AND SIZES, AND, INVERT ELEVATIONS PRIOR TO ORDERING NEW PRECAST MANHOLES.
12. CONTRACTOR SHALL FIELD VERIFY LOCATION OF ALL SEWER LATERALS AND RECONNECT TO NEW SEWER LINE AS NECESSARY.
13. LOCATION OF EXISTING UNDERGROUND UTILITIES ARE APPROXIMATE AND NOT NECESSARILY ALL OF SAME. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE APPROPRIATE UTILITY COMPANY TO DETERMINE THE EXACT LOCATION OF ALL UTILITIES AND/OR UNDERGROUND STRUCTURES PRIOR TO THE INITIATION OF ANY CONSTRUCTION. CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR DAMAGE TO ANY UTILITIES ENCOUNTERED WITHIN CONSTRUCTION PERIMETERS. FOR SITE LOCATION OF EXISTING UTILITIES INVOLVING M.L.G.&W., SOUTH CENTRAL BELL, AND/OR BOARDWALK PIPELINES, PLEASE CALL 811.
14. CONTRACTOR SHALL MAINTAIN ACCESS TO ALL PROPERTIES.
15. THE CONTRACTOR SHALL VERIFY EXISTING DATA AND REPORT ANY SIGNIFICANT DISCREPANCIES TO THE ENGINEER.
16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DEWATERING AS NEEDED TO PROPERLY AND SAFELY COMPLETE THE WORK.
17. ALL GRADING WORK SHALL BE PERFORMED IN SUCH A MANNER THAT ADJACENT PROPERTIES ARE NOT DAMAGED OR ADVERSELY AFFECTED.
18. CONTRACTOR SHALL EPOXY COAT ALL PROPOSED MANHOLES. DIVERSION STRUCTURE, WET WELL, AND FLOW CONTROL MANHOLE. IN ACCORDANCE WITH THE SPECIFICATION.
19. THIS SITE IS NOT LOCATED WITHIN A "SPECIAL FLOOD HAZARD AREA" AS DEFINED BY NATIONAL FLOOD PROTECTION ACT AS SHOWN ON FIRM MAP 47157C0316G AND 47157C0310G, BOTH DATED FEBRUARY 05,2013. THE CLOSEST 100-YEAR FLOOD ELEVATION AT THE STORAGE BASIN SITE IS 281.0
20. NOTE: THE CONSTRUCTION ACCESS REQUIREMENT FROM APPLING ROAD. THE BRIDGE OVER FLETCHER CREEK FROM MARKET FARMS DRIVE TO BELLEVUE PARKWAY IS LIMITED TO 5 TONS.

GENERAL SANITARY SEWER NOTES:

1. ALL SEWER CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS OF THE CITY OF MEMPHIS, STANDARD CONSTRUCTION SPECIFICATIONS AND SARP10.
2. CONNECTIONS TO EXISTING FACILITIES SHALL BE MADE ONLY UNDER THE SUPERVISION OF A REPRESENTATIVE OF SARP10.
3. BACKFILL FOR SEWER LINES UNDER STREETS AND DRIVEWAYS IS TO BE COMPACTED CRUSHED STONE MEETING CITY OF MEMPHIS STANDARDS.
4. AS-BUILT DRAWINGS MUST BE COMPLETED AND SUBMITTED PRIOR TO ACCEPTANCE OF SEWER LINES BY THE CITY OF MEMPHIS.
5. NO OTHER UTILITIES MAY BE INSTALLED IN THE SAME TRENCH AS THE SEWER LINES OR LATERAL SERVICE LINES.
6. CONTRACTOR SHALL DETERMINE "LIVE OR ABANDONED" STATUS OF ALL EXISTING SERVICES CONNECTED TO MAIN LINE SEGMENTS AS DESIGNATED FOR REPLACEMENT PRIOR TO RE-CONNECTION. ABANDONED OR INACTIVE SERVICES ARE NOT TO BE RECONNECTED TO THE NEW LINE UNLESS DIRECTED BY THE OWNER'S REPRESENTATIVE.
7. CONTRACTOR SHALL RECONNECT TO EXISTING SEWER LINES IN CONJUNCTION WITH NEW MANHOLE INSTALLATION.
8. CONTRACTOR SHALL ENSURE UNINTERRUPTED SEWER SERVICES ON EXISTING SEWER AND SERVICE CONNECTIONS BY PROVIDING AMPLE TEMPORARY WASTEWATER PUMPING AND/OR BYPASSING.
9. THE CONTRACTOR SHALL VERIFY EXISTING DATA AND REPORT ANY SIGNIFICANT DISCREPANCIES TO THE ENGINEER.
10. MANHOLES LOCATED WITHIN 100-YEAR FLOOD PLAIN SHOULD EXTEND MINIMUM OF 12" (1'-0") ABOVE THE 100-YEAR FLOOD LEVEL REGARDLESS OF WHETHER THE MANHOLE IS IN RESIDENTIAL, COMMERCIAL, OR RURAL PROPERTY. AS AN ALTERNATIVE, A MANHOLE LOCATED WITHIN THE 100-YEAR FLOOD PLAIN MUST HAVE A SEALED COVER AND VENT STACK IF IT EXTENDS LESS THAN THE MINIMUM 12" ABOVE THE 100-YEAR FLOOD LEVEL. WITHIN THIS ALTERNATIVE THE VENT STACK COULD BE LIMITED TO EVERY OTHER MANHOLE IF LOCATED WITHIN A RESIDENTIAL AREA. ANY ALTERNATIVES OTHER THAN WHAT IS SHOWN ON THE PLANS REQUIRES APPROVAL FROM SARP10 PRIOR TO CONSTRUCTION.

SITE PREPARATION NOTES:

1. TOPSOIL SHALL BE STORED ON-SITE FOR USE IN FINAL SITE PREPARATION IN AREAS TO RECEIVE LANDSCAPING AND SEEDING.
2. DO NOT PLACE ASPHALT, CONCRETE, OR FILL OVER FROZEN OR SATURATED SOILS.
3. PROVIDE POSITIVE DRAINAGE AWAY FROM ALL EARTHWORK.
4. STABILIZE DISTURBED AREAS AFTER COMPLETION OF EARTHWORK.
5. EXCAVATION SLOPES SHALL BE CONSISTENT WITH OSHA REGULATIONS. IN LIEU OF "LAYING BANKS BACK", TIMBER LAGGING AND BRACING, SHEET PILING, OR TRENCH BOXES MAY BE UTILIZED IN ACCORDANCE WITH OSHA REGULATIONS. WORKER SAFETY AND CLASSIFICATION OF SOILS IN EXCAVATIONS ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
6. THE DESIGN OF SHORING SYSTEMS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE PERFORMED BY A COMPETENT PARTY.
7. GROUNDWATER OR POCKETS OF WATER ARE PROBABLE IN EXCAVATIONS AND MUST BE CONTROLLED IN A MANNER THAT DOES NOT COMPROMISE PREPARATION OF THE SUBGRADES FOR STRUCTURES, PIPING, MANHOLES, ETC.

EROSION AND SEDIMENT CONTROL NOTES:

1. CONSTRUCTION ENTRANCES (TO OFFICE OR LAY DOWN AREA, AND TO WORK AREAS) TO BE MINIMUM 6" DEPTH I.D.O.T. NO. 1 OR NO. 2 STONE.
2. INSTALL WATTLES OR SILT FENCE AS DICTATED ON THE EROSION CONTROL PLANS. SEE DETAILS FOR MORE INFORMATION.
3. ALL STOCK PILE AREAS TO BE PROTECTED BY A COMBINATION OF WATTLES AND SILT FENCE.
4. INSTALL INLET PROTECTION DEVICES AT STORM SEWER INLETS PRIOR TO CONSTRUCTION. SEE PLANS FOR LOCATIONS.
5. ALL NEWLY CUT OR FILL AREAS LACKING ADEQUATE VEGETATION SHALL BE FERTILIZED, MULCHED, SEEDED, AND/OR SOODED TO EFFECTIVELY CONTROL SOIL EROSION.
6. A SPECIFIC INDIVIDUAL SHALL BE DESIGNATED TO BE RESPONSIBLE FOR EROSION AND SEDIMENT CONTROLS ON EACH PROJECT SITE.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING SOIL EROSION CONTROL MEASURES AS NOTED ON THE PLANS, AS REQUESTED BY THE OWNER DURING CONSTRUCTION, AND AS NECESSARY TO PREVENT SEDIMENT FROM LEAVING THE SITE. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR SATISFYING THE REQUIREMENTS OF THE STATE OF TENNESSEE DEPARTMENT OF WATER POLLUTION CONTROL AS SET FORTH IN THE TENNESSEE EROSION & SEDIMENT CONTROL HANDBOOK. ALL SOIL EROSION CONTROL MEASURES SHALL BE MAINTAINED THROUGHOUT THE DURATION OF THE CONTRACT SO AS TO PREVENT ANY SEDIMENTATION FROM WASHING OFF THE SITE ONTO ADJACENT PROPERTY OR PUBLIC RIGHT-OF-WAY. SEDIMENT FENCE SHALL BE INSTALLED AS DIRECTED. THE CONTRACTOR SHALL MAINTAIN A LOG OF ALL MAINTENANCE ACTIVITIES FOR THE EROSION CONTROL ELEMENTS AS REQUIRED BY THE STATE OF TENNESSEE DEPARTMENT OF WATER POLLUTION CONTROL.
8. A COPY OF THE EROSION CONTROL PLAN MUST BE AVAILABLE ON SITE FOR THE DWPC INSPECTOR ON REQUEST.
9. EROSION AND SEDIMENT CONTROL MEASURES MUST BE IN PLACE AND FUNCTIONAL BEFORE EARTH MOVING OPERATIONS BEGIN, AND MUST BE CONSTRUCTED AND MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD. TEMPORARY MEASURES MAY BE REMOVED AT THE BEGINNING OF THE WORK DAY, BUT MUST BE REPLACED AT THE END OF THE WORK DAY OR PRIOR TO RAINFALL EVENTS.
10. ALL CONTROL MEASURES SHALL BE CHECKED AND STATE REQUIREMENTS FOR MAINTENANCE AND REPAIRS SHALL BE MADE AS NECESSARY. DURING PROLONGED RAINFALL, DAILY CHECKING AND REPAIRING MAY BE NECESSARY. THE PERMITEE SHALL MAINTAIN RECORDS OF INSPECTION CHECKS, MAINTENANCE AND REPAIRS.

BENCHMARK

BASIS OF ELEVATIONS NAVD 88 CITY - LOCATED ON THE SOUTHEAST CORNER OF GERMANTOWN PKWY AND CHIMNEYROCK BLVD, AT BACK OF SIDEWALK, ER ON CHIMNEYROCK BLVD. SIDE. ELEV. 296.21
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ACCESS AND COORDINATION-BELLEVUE BAPTIST CHURCH:

1. THE CONTRACTOR SHALL COORDINATE INGRESS AND EGRESS OPERATIONS WITH SARP10 TO PREVENT DISRUPTION TO CHURCH OPERATIONS AND SPECIAL EVENTS.
2. MAJOR EQUIPMENT DELIVERIES MUST BE SCHEDULED AROUND PEAK CHURCH TRAFFIC TIMES.
3. CONCRETE POURS REQUIRING MULTIPLE TRUCKS MUST BE SCHEDULED AHEAD OF TIME AND CLOSELY COORDINATE WITH SARP10. MAJOR POURS MY REQUIRE AFTER HOURS WORK AND/OR ADDITIONAL TRAFFIC CONTROLS ON THE SPECIFIED CONSTRUCTION TRAFFIC ROUTE.
4. THE BRIDGE ACROSS FLETCHER CREEK FROM MARKET FARMS DRIVER IS LOAD LIMITED TO 5 TONS. NO MATERIALS OR EQUIPMENT DELIVERIES MAY BE ROUTED ACROSS THE BRIDGE.
5. BELLEVUE PARKWAY MUST REMAIN OPEN UNLESS WORK IN THE ROADWAY IS REQUIRED.

LEGEND

- EXIST. SANITARY SEWER MANHOLE ○
- EXIST. SEWER CLEANOUT ○ C.O.
- EXIST. WATER METER ○ W.M.
- EXIST. GAS METER ○ G.M.
- EXIST. SEWER VALVE ○ S.V.
- EXIST. WATER VALVE ○ W.V.
- EXIST. GAS VALVE ○ G.V.
- EXIST. FIRE HYDRANT ASSEMBLY ○
- EXIST. BLOW-OFF VALVE ○
- EXIST. AIR RELEASE VALVE ○
- EXIST. REDUCER ○
- EXIST. UNDERGROUND TELEPHONE BOX □ UG/T BOX
- EXIST. POWER POLE ○ P.P.
- EXIST. LIGHT POLE ○ L.P.
- EXIST. CATCH BASIN □ C.B.
- EXIST. IRON PIN FOUND ● I.P.F.
- EXIST. MAIL BOX ○ M.B.
- EXIST. SIGN ○
- EXIST. TOP OF BANK T.O.B.
- EXIST. BOTTOM OF BANK B.O.B.
- EXIST. RIP-RAP [diagonal hatching]
- EXIST. PROPERTY LOT NUMBERS ③

- NEW SANITARY SEWER MANHOLE ●
- NEW SEWER CLEANOUT ● C.O.
- NEW WATER METER ● W.M.
- NEW GAS METER ● G.M.
- NEW SEWER VALVE ● S.V.
- NEW WATER VALVE ● W.V.
- NEW GAS VALVE ● G.V.
- NEW FIRE HYDRANT ASSEMBLY ●
- NEW BLOW-OFF VALVE ●
- NEW AIR RELEASE VALVE ●
- NEW REDUCER ●
- NEW UNDERGROUND TELEPHONE BOX □ UG/T BOX
- NEW POWER POLE ● P.P.
- NEW LIGHT POLE ● L.P.
- NEW CATCH BASIN ■ C.B.
- NEW IRON PIN SET ● I.P.S.
- NEW MAIL BOX ● M.B.
- NEW SIGN ●
- NEW PERMANENT UTILITY EASEMENT [diagonal hatching]
- NEW TEMPORARY CONSTRUCTION EASEMENT [cross-hatching]
- NEW RIP-RAP [diagonal hatching]
- NEW PROPERTY LOT NUMBERS ③

- EXIST. PAVED ROADWAY OR DRIVEWAY [double lines]
- EXIST. GRAVEL ROADWAY OR DRIVEWAY [dashed lines]
- EXIST. RIGHT-OF-WAY [dashed lines with inward arrows]
- EXIST. PROPERTY LINE [solid line]
- EXIST. STORM CULVERT [line with '18"
- EXIST. FENCE [line with 'x' symbols]
- EXIST. STREAM/DITCH [line with 'S' symbols]
- EXIST. EASEMENT [line with 'E' symbols]
- EXIST. WATER LINE [line with 'W' symbols]
- EXIST. SANITARY SEWER LINE [line with 'S' symbols]
- EXIST. SEWER FORCE MAIN LINE [line with 'FM' symbols]
- EXIST. OVERHEAD ELECTRICAL [line with 'OHE' symbols]
- EXIST. UNDERGROUND ELECTRICAL [line with 'UGE' symbols]
- EXIST. OVERHEAD TELEPHONE [line with 'OHT' symbols]
- EXIST. UNDERGROUND TELEPHONE [line with 'UGT' symbols]
- EXIST. OVERHEAD ELEC./TELE/CABLE [line with 'OHE.T.C.' symbols]
- EXIST. UNDERGROUND FIBER OPTIC [line with 'FO' symbols]
- EXIST. GAS LINE [line with 'GAS' symbols]
- EXIST. TREE LINE [wavy line]
- EXIST. GUARDRAIL [line with 'G' symbols]
- EXIST. MAJOR CONTOURS [line with '1200' symbols]
- EXIST. MINOR CONTOURS [line with '1000' symbols]

- NEW PAVED ROADWAY OR DRIVEWAY [double lines]
- NEW GRAVEL ROADWAY OR DRIVEWAY [dashed lines]
- NEW RIGHT-OF-WAY [dashed lines with inward arrows]
- NEW PROPERTY LINE [solid line]
- NEW STORM CULVERT [line with '18"
- NEW FENCE [line with 'x' symbols]
- NEW STREAM/DITCH [line with 'S' symbols]
- NEW EASEMENT [line with 'E' symbols]
- NEW WATER LINE [line with 'W' symbols]
- NEW SANITARY GRAVITY SEWER LINE [line with '8" S.L.' symbols]
- NEW SEWER FORCE MAIN LINE [line with '12" F.M.' symbols]
- NEW OVERHEAD ELECTRICAL [line with 'O.H.E.' symbols]
- NEW UNDERGROUND ELECTRICAL [line with 'U.G.E.' symbols]
- NEW OVERHEAD TELEPHONE [line with 'O.H.T.' symbols]
- NEW UNDERGROUND TELEPHONE [line with 'U.G.T.' symbols]
- NEW OVERHEAD ELEC./TELE/CABLE [line with 'O.H.E.T.C.' symbols]
- NEW UNDERGROUND FIBER OPTIC [line with 'U.G.F.O.' symbols]
- NEW GAS LINE [line with 'GAS' symbols]
- NEW TREE LINE [wavy line]
- NEW GUARDRAIL [line with 'G' symbols]
- NEW MAJOR CONTOURS [line with '1200' symbols]
- NEW MINOR CONTOURS [line with '1000' symbols]

- NEW SILT FENCE [line with 'S' symbols]
- NEW WATTLES/SEDIMENT TUBES [line with 'W' symbols]
- NEW DISTURBED AREA LIMITS [line with 'D' symbols]
- NEW SILT FENCE [line with 'S' symbols]
- NEW WATTLES/SEDIMENT TUBES [line with 'W' symbols]
- NEW EROSION CONTROL BLANKET [line with 'E' symbols]
- NEW BUFFER ZONE [line with 'B' symbols]
- NEW INLET PROTECTION [line with 'I' symbols]
- NEW SEDIMENT TRAP [line with 'S' symbols]
- NEW OUTLET PROTECTION [line with 'O' symbols]
- NEW RIP RAP FILTER RING [line with 'R' symbols]
- NEW CONSTRUCTION ENTRANCE [line with 'C' symbols]
- NEW CHECK DAM [line with 'D' symbols]
- NEW DIVERSION DITCH [line with 'D' symbols]
- NEW CHECK DAM [line with 'D' symbols]
- NEW SURVEY CONTROL POINT [line with 'CP-1' symbols]
- NEW SURVEY BENCHMARK [line with 'B' symbols]
- ABANDON SANITARY GRAVITY SEWER LINE [line with '8" S.L. (ABANDON)' symbols]
- ABANDON SEWER FORCE MAIN LINE [line with '12" F.M. (ABANDON)' symbols]
- ABANDON SANITARY SEWER MANHOLE ○

P:\PROJECTS\2024\SEWER\LEGEND.DWG (OFF USE BY OTHERS)\MHOLO_CAD_GENERAL NOTES AND LEGENDS 1/20/2025 4:02 PM THER G333

THIS DOCUMENT AND THE DESIGN AND DRAWING INCORPORATED HEREIN, AS AN INSTRUMENT OF PROFESSIONAL SERVICE, IS THE PROPERTY OF LDA ENGINEERING AND IS NOT TO BE USED, IN WHOLE OR IN PART, FOR ANY OTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF LDA ENGINEERING.

CO.1

SEWER BASIN WN-10
 SHEET 1 OF 1

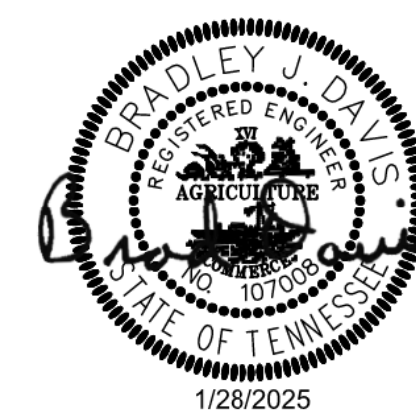
**DIVISION OF ENGINEERING
 SARP10
 BELLEVUE GRAVITY
 SEWER IMPROVEMENTS
 GENERAL NOTES & LEGEND**

LOCATION: BELLEVUE PARKWAY
 MEMPHIS, TENNESSEE

SURVEY: GEODESY DATE: 4/5/2021 BOOK:
 DRAWING: ARES DATE: 1/31/2024 SCALE: AS SHOWN
 DESIGN: ARES DATE: 1/31/2024 CHECKED: DATE:

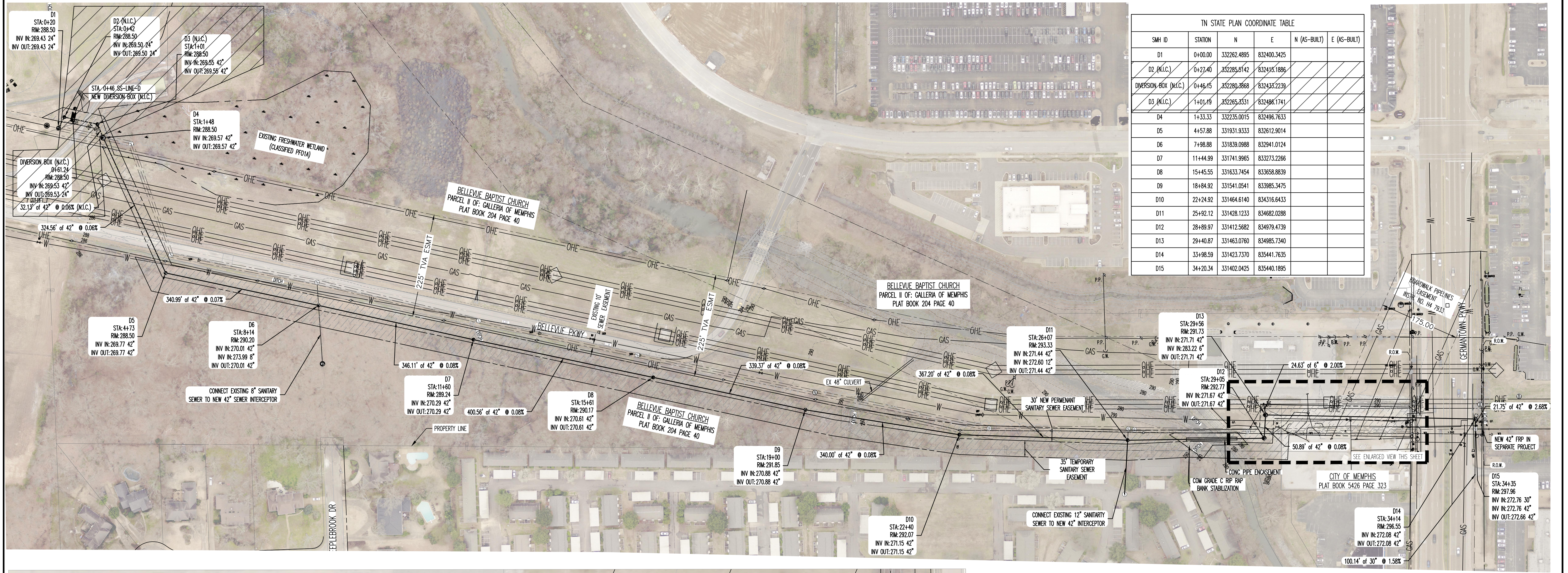
REVIEWED

DEPUTY CITY ENGINEER	DATE	CITY ENGINEER	DATE
BASIN NO.	FILE FOLDER	SHEET NO.	

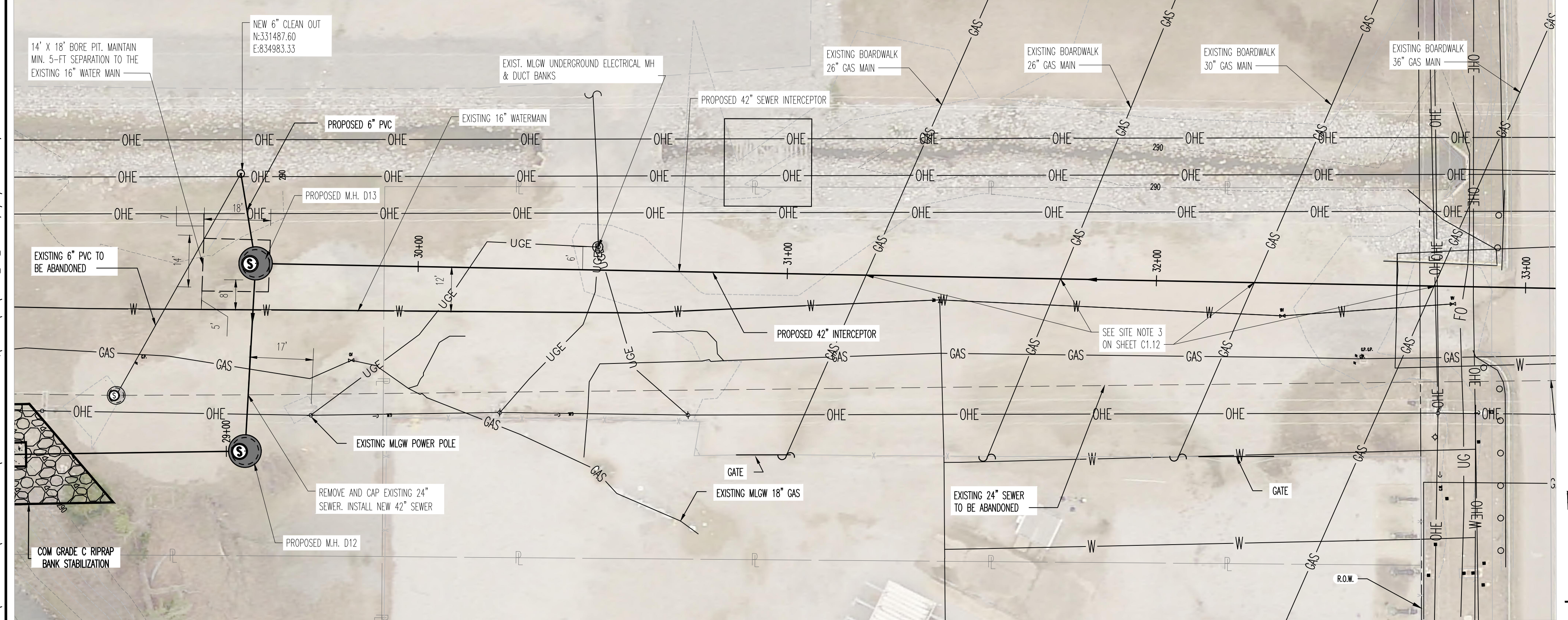


ITEM	DESCRIPTION	APPROVED

1/28/2025



SMH ID	STATION	N	E	N (AS-BUILT)	E (AS-BUILT)
D1	0+00.00	332262.4895	832400.3425		
D2 (N.I.C.)	0+27.40	332265.6142	832416.1886		
DIVERSION BOX (N.I.C.)	0+46.15	332280.2668	832433.2239		
D3 (N.I.C.)	1+01.19	332265.3331	832486.1741		
D4	1+33.33	332235.0015	832496.7633		
D5	4+57.88	331931.9333	832612.9014		
D6	7+98.88	331839.0988	832941.0124		
D7	11+44.99	331741.9965	833273.2266		
D8	15+45.55	331633.7454	833658.8839		
D9	18+84.92	331541.0541	833985.3475		
D10	22+24.92	331464.6140	834316.6433		
D11	25+92.12	331428.1233	834682.0288		
D12	28+89.97	331412.5682	834979.4739		
D13	29+40.87	331463.0760	834985.7340		
D14	33+98.59	331423.7370	835441.7635		
D15	34+20.34	331402.0425	835440.1895		



SANITARY SEWER NOTES:

- LOCATION OF EXISTING UNDERGROUND 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 AND/OR UNDERGROUND STRUCTURES PRIOR TO THE INITIATION OF ANY CONSTRUCTION. CONTRACTOR SHALL ALSO ASSUME FULL RESPONSIBILITY FOR DAMAGE TO ANY UTILITIES ENCOUNTERED WITHIN CONSTRUCTION PERMETERS. FOR SITE LOCATIONS OF EXISTING UTILITIES INVOLVING M.L.G.&W., SOUTH CENTRAL BELL, BOARDWALK PIPELINES, AND/OR CITY OF MEMPHIS SEWER, PLEASE CALL 811.
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- CONTRACTOR SHALL MAINTAIN ACCESS TO ALL PROPERTIES.
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- ALL AREAS IN CUT OR FILL WHERE VEGETATION HAS BEEN REMOVED SHALL BE SEEDED, MULCHED, FERTILIZED, AND/OR SOODED AS REQUIRED TO PREVENT EROSION.
- THE CONTRACTOR SHALL VERIFY EXISTING DATA AND REPORT ANY SIGNIFICANT DISCREPANCIES TO THE ENGINEER.
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- THE CITY OF MEMPHIS SHALL HAVE INGRESS/EGRESS 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, FENCES AND YARDS.
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BENCHMARK

BASIS OF ELEVATIONS NAVD 88 CITY BM235 - LOCATED ON THE SOUTHEAST CORNER OF GERMANTOWN PKWY AND CHIMNEYROCK BLVD, AT BACK OF SIDEWALK, ER ON CHIMNEYROCK BLVD. SIDE. ELEV. 296.21

THESE PREMISES ARE NOT LOCATED WITHIN A "SPECIAL FLOOD HAZARD AREA" AS DEFINED BY NATIONAL FLOOD PROTECTION ACT AS SHOWN ON FIRM MAP 4757C0316C AND 4757C0310G, DATED FEBRUARY 05, 2013.

ITEM	DESCRIPTION	APPROVED

C1.9



SEWER BASIN WN-10 SHEET 1 OF 4

DIVISION OF ENGINEERING
SARP10

BELLEVUE EQ. BASIN & GRAVITY SEWER IMPROVEMENTS OFF-STREET SEWER PLAN (OVERALL)

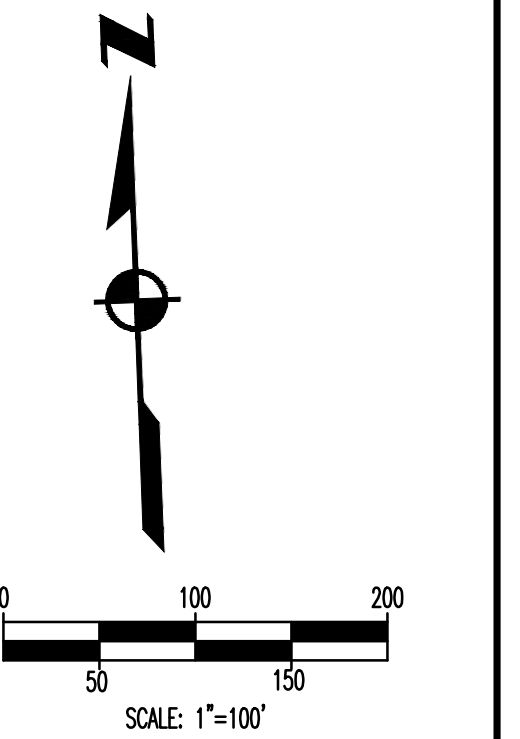
LOCATION: BELLEVUE PARKWAY MEMPHIS, TENNESSEE

SURVEY: GEODESY DATE: 4/5/2021 BOOK: _____
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 DESIGN: ABES DATE: 1/28/2025 CHECKED: _____ DATE: _____

REVIEWED _____

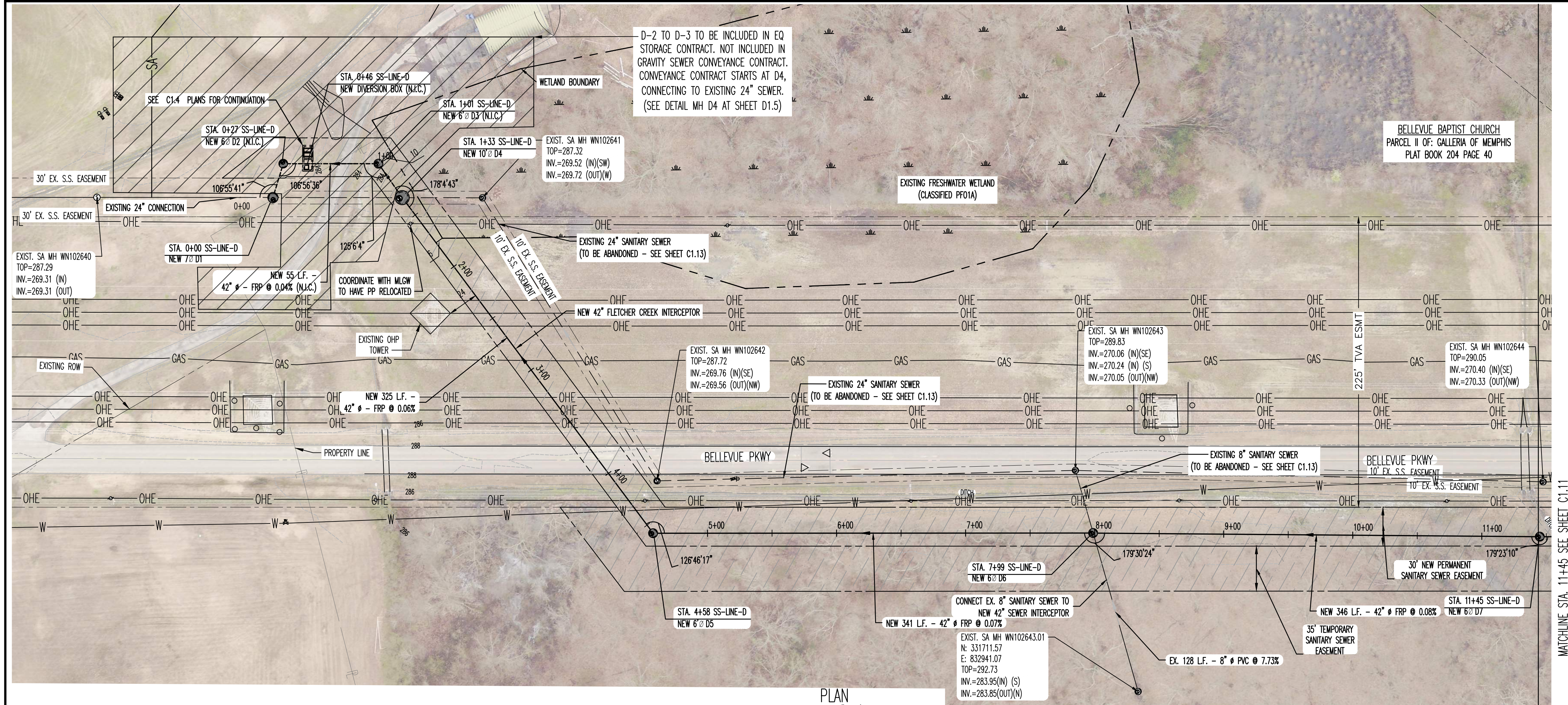
DEPUTY CITY ENGINEER DATE CITY ENGINEER DATE

BASIN NO. FILE FOLDER SHEET NUMBER



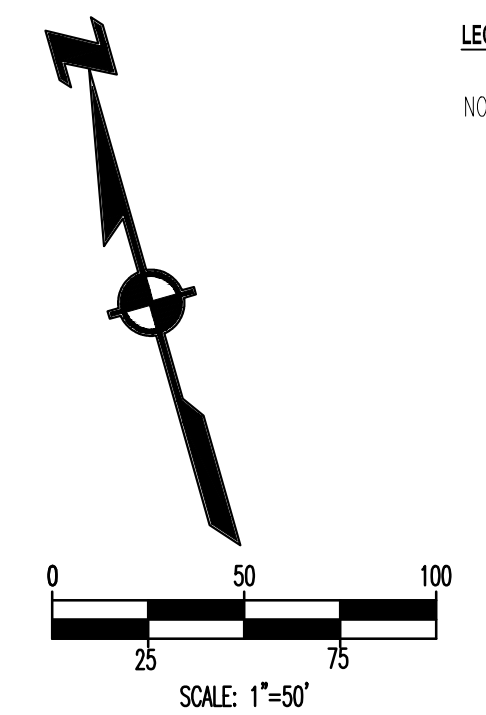
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LEGEND
NOT IN CONSTRUCTION (N.I.C.)

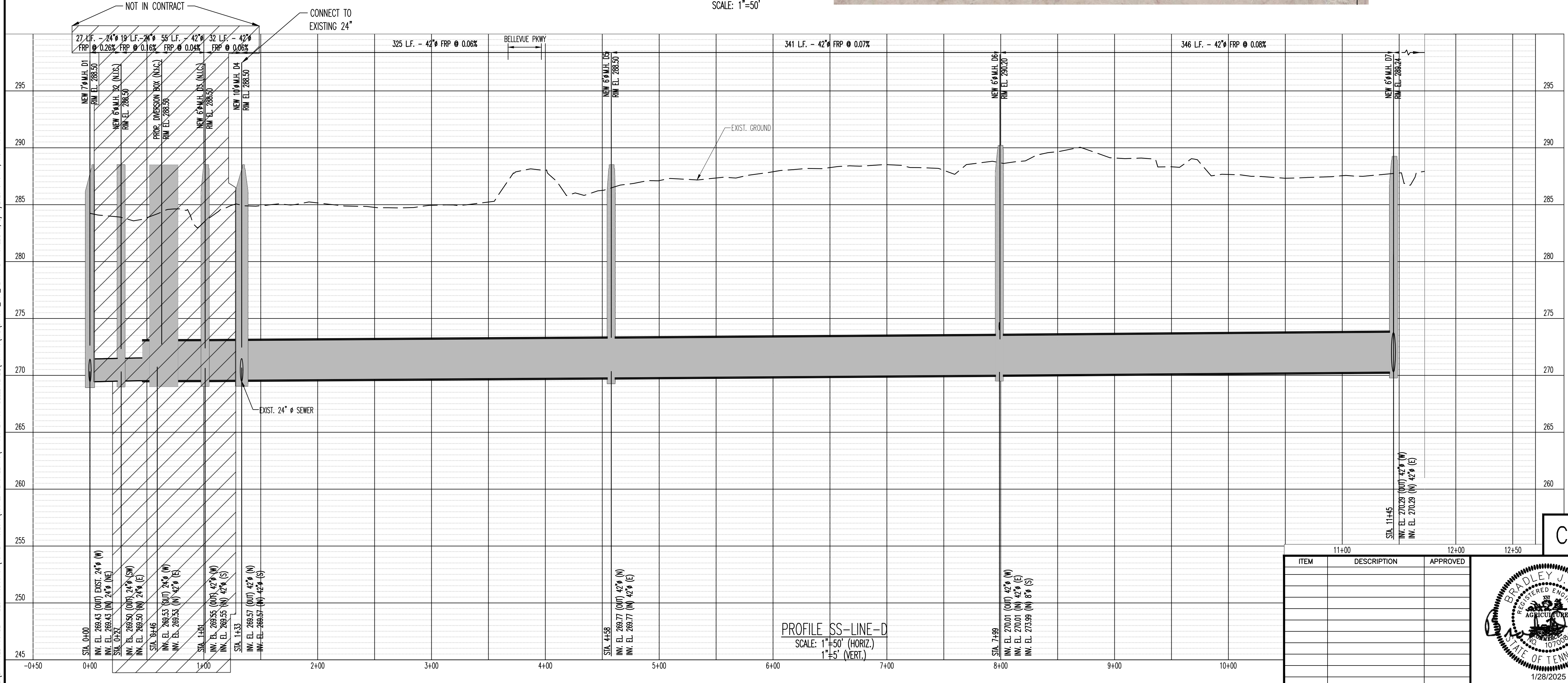


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 7. ALL SANITARY SEWER TO BE CONSTRUCTED AS PER CITY OF MEMPHIS STANDARD CONSTRUCTION SPECIFICATIONS. SANITARY SEWER SERVICE CONNECTIONS TO BE INSTALLED AS PER CITY OF MEMPHIS STANDARD S51-16.
 8. ALL SEWER MANHOLE LIDS IN OPEN AREAS ARE TO BE CONSTRUCTED 1.5' ABOVE PROPOSED GRADE. IN BACKYARDS, MANHOLE LIDS ARE TO BE 1.5' ABOVE INITIAL GRADE, 0.5' ABOVE FINAL GRADE.
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LEGEND
 NOT IN CONSTRUCTION (N.I.C.)



PLAN SCALE: 1"=50'



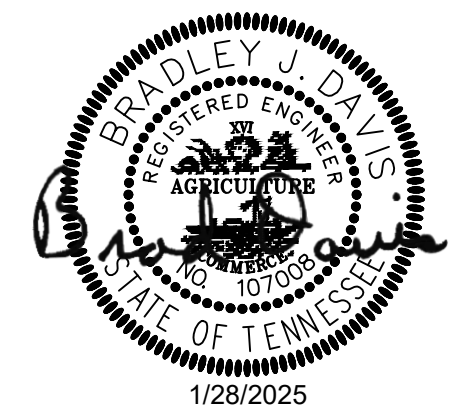
PROFILE SS-LINE-D
 SCALE: 1"=50' (HORIZ.)
 1"=5' (VERT.)

BENCHMARK
 BASIS OF ELEVATIONS NVD 88 CITY BM#235 - LOCATED ON THE SOUTHEAST CORNER OF GERMANTOWN PKWY AND CHIMNEYROCK BLVD, AT BACK OF SIDEWALK, ER ON CHIMNEYROCK BLVD. SIDE. ELEV. 296.21
 THESE PREMISES ARE NOT LOCATED WITHIN A "SPECIAL FLOOD HAZARD AREA" AS DEFINED BY NATIONAL FLOOD PROTECTION ACT AS SHOWN ON FIRM MAP 47157003166 AND 47157003106, DATED FEBRUARY 05, 2013.

**SEWER BASIN WN-10
 SHEET 2 OF 4**

C1.10

ITEM	DESCRIPTION	APPROVED



DIVISION OF ENGINEERING
SARP10
BELLEVUE EQ. BASIN & GRAVITY SEWER IMPROVEMENTS
OFF-STREET SEWER PLAN & PROFILE 1

LOCATION: BELLEVUE PARKWAY
 MEMPHIS, TENNESSEE

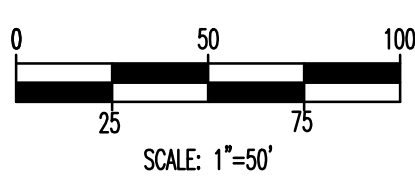
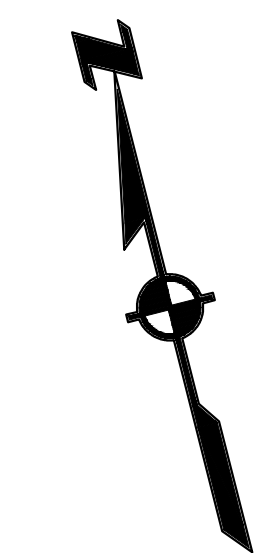
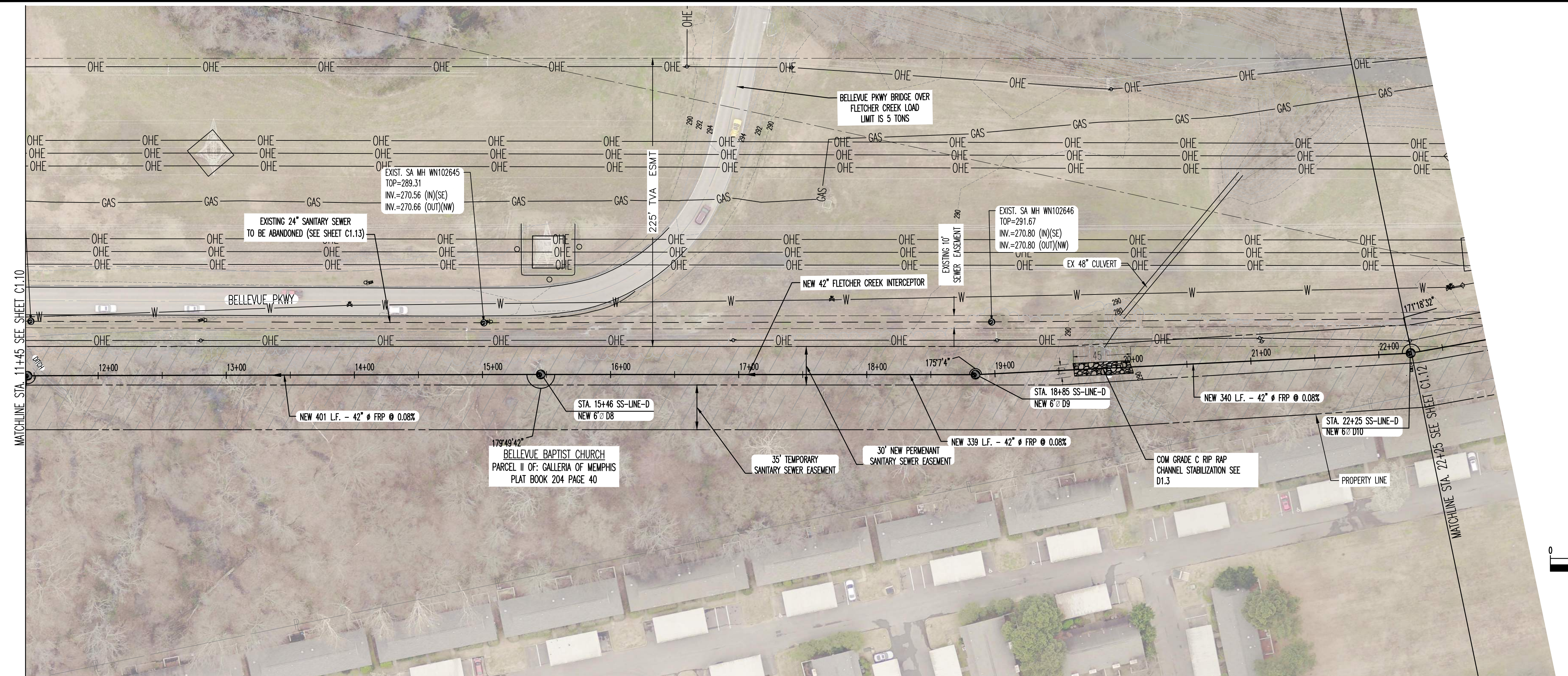
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 DRAWN: ABES DATE: 1/28/2025 SCALE: AS SHOWN
 DESIGN: ABES DATE: 1/28/2025 CHECKED: _____ DATE: _____

REVIEWED

DEPUTY CITY ENGINEER DATE CITY ENGINEER DATE

BASIN NO. FILE FOLDER SHEET NUMBER

Z:\EMANUEL_TUMBLE - BES PRODUCTION\ACTIVE PROJECTS\080-21-001 BELLEVUE EQ WORKING\080-21-001 BELLEVUE EQ\DWG\101 PLAN AND PROFILE.DWG, 2/19/2025 8:18 PM, NICK WONG



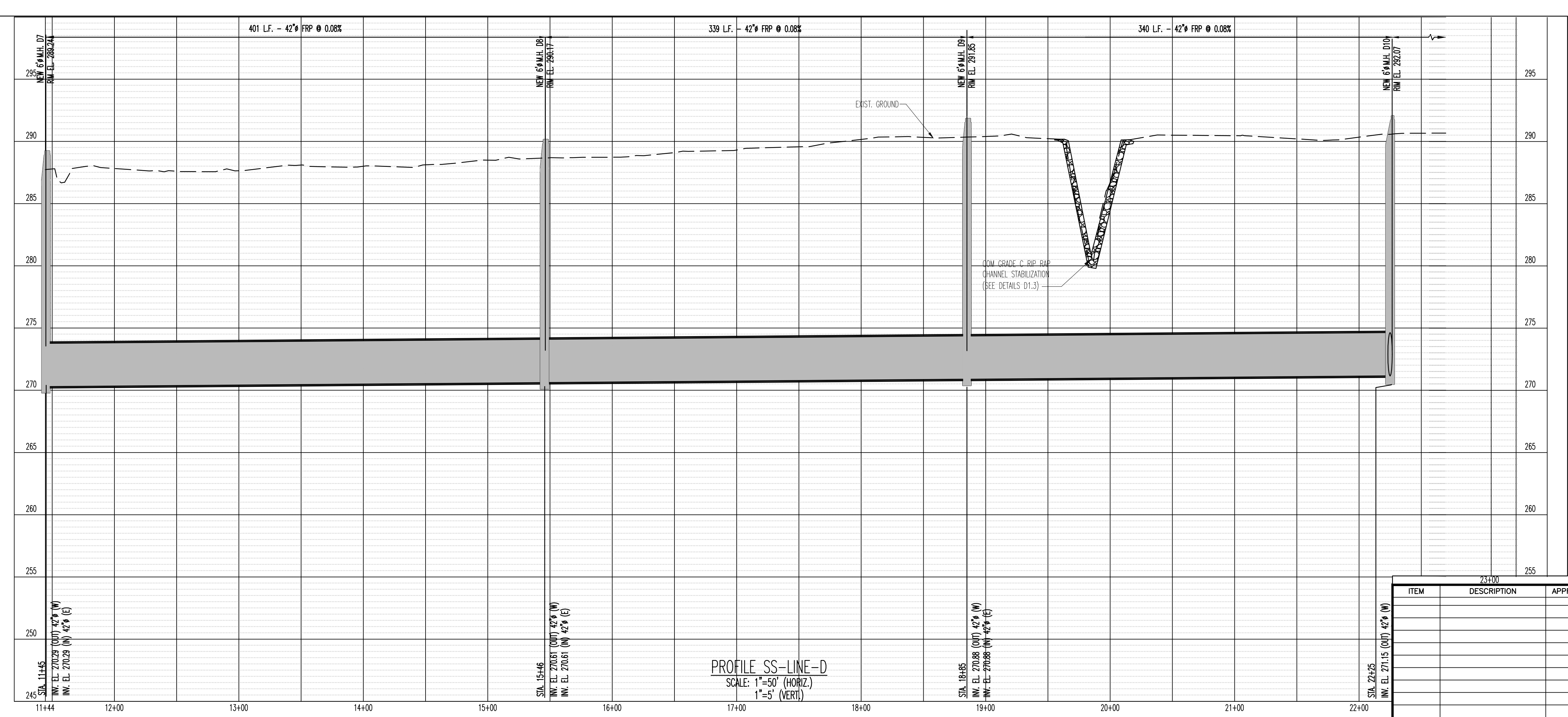
- #### SANITARY SEWER NOTES
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BENCHMARK

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PLAN
SCALE: 1"=50'



SEWER BASIN WN-10
SHEET 3 OF 4

C1.11

DIVISION OF ENGINEERING
SARP10
BELLEVUE EQ. BASIN & GRAVITY
SEWER IMPROVEMENTS
OFF-STREET SEWER PLAN & PROFILE 2

LOCATION: BELLEVUE PARKWAY
MEMPHIS, TENNESSEE

SURVEY: GEODESY DATE: 4/5/2021 BOOK: _____
DRAWN: ABES DATE: 1/28/2025 SCALE: AS SHOWN
DESIGN: ABES DATE: 1/28/2025 CHECKED: _____ DATE: _____

REVIEWED

DEPUTY CITY ENGINEER DATE CITY ENGINEER DATE

BASIN NO. FILE FOLDER SHEET NUMBER



ITEM	DESCRIPTION	APPROVED

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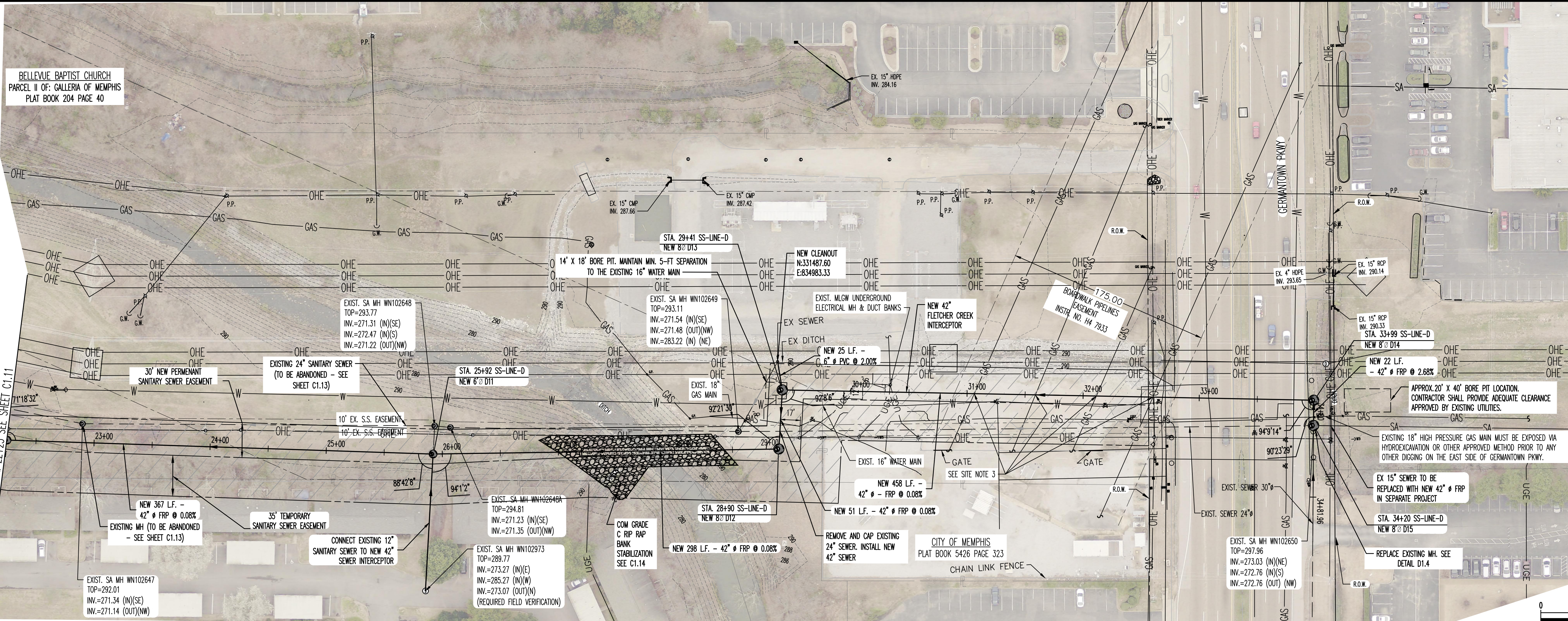
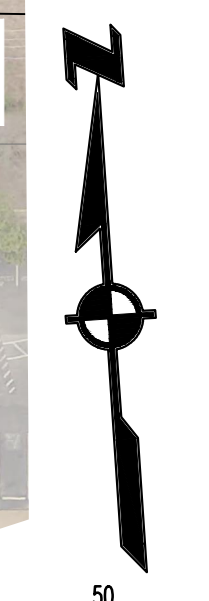
BELLEVUE BAPTIST CHURCH
PARCEL II OF GALLERIA OF MEMPHIS
PLAT BOOK 204 PAGE 40

SANITARY SEWER NOTES

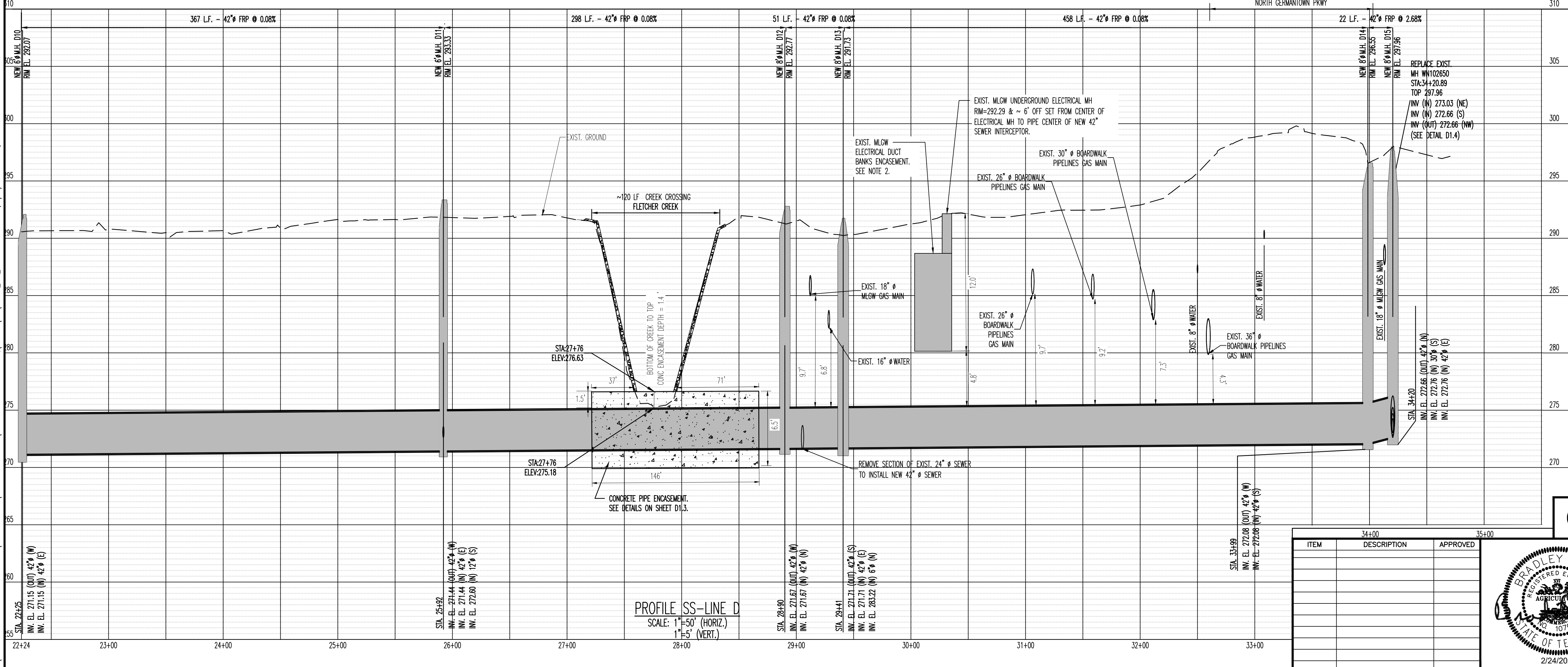
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- ALL SANITARY SEWER MANHOLES IN REVERSE CROWN STREETS, ALLEYS, OR DRIVES (PUBLIC OR PRIVATE) SHALL BE PROVIDED WITH GASKETS AND PLUGS FOR PICK HOLES TO PREVENT DRAINAGE INFLOW INTO SEWER SYSTEM.
- THE CONTRACTOR SHALL PROVIDE APPROPRIATE AND EFFECTIVE EROSION CONTROL AS NECESSARY TO PREVENT ANY SILTATION INTO EXISTING DRAINAGE SYSTEM AND/OR ADJACENT PROPERTIES.
- TRACER WIRE SHALL BE INSTALLED ALONG THE LENGTH OF ALL SEWER PIPES, SERVICE CONNECTIONS, MANHOLES AND STUBS PER STANDARD CONSTRUCTION SPECIFICATIONS AND STANDARD DETAIL (SST-17).

SITE NOTES

- BOARDWALK PIPELINES AND MLOW SHALL BE NOTIFIED BY CONTRACTOR PRIOR TO BEGINNING CONSTRUCTION OF THE SEWER LINES UNDER THE GAS TRANSMISSION LINES. THE CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE DIRECTIONS OF ENGINEERS OF THE CONTROLLING UTILITY.
- THREE EXISTING UNDERGROUND ELECTRICAL DUCT BANKS WERE SURVEYED AFTER HYDROEXCAVATION CONDUCTED ON 3/20/2024. THE ESTIMATED DEPTH OF THE DUCT BANKS IS ABOUT 12'-FT BASED ON TWO MEASURABLE RESULTS.
- BOARDWALK PIPELINES SHOULD BE NOTIFIED BY CONTRACTOR PRIOR TO EXCAVATING OBSERVATION WINDOWS AT EACH EXISTING GAS MAIN TO CONFIRM THE CROSSING CLEARANCE. OBSERVATION WINDOWS SHALL BE EXCAVATED 5'-FT BELOW BOTTOM OF EACH GAS LINE. CONTRACTOR SHALL FILL EACH OBSERVATION WINDOW AFTER BORE CROSSES AND CLEARANCE IS VERIFIED.
- THE CONTRACTOR IS REQUIRED TO BACKFILL THE HYDROEXCAVATION AREAS TO THE SATISFACTION OF BOARDWALK PIPELINES. THE AREAS SHALL BE BACKFILLED WITH SAND TO PROVIDE A MINIMUM OF 1 FOOT COVER OVER THE EXISTING GAS MAIN. IN AREAS WHERE THERE IS GRAVEL ABOVE THE GAS MAIN, BACKFILLING SHALL BE DONE WITH GR-610.
- THE CONTRACTOR IS REQUIRED TO FORMULATE A PLAN FOR THE SUPPORT OF EXPOSED PIPELINES, AND THE DESIGN OF THIS PLAN MUST BE SUBMITTED TO M.L.G.&W FOR EVALUATION AND APPROVAL. THE TEMPORARY SUPPORT STRUCTURE MUST BE RIGID AND INCORPORATE AN EPOXY URETHANE OR OTHER APPROPRIATE "SOFT" GRADE THAT DOES NOT COMPROMISE THE INTEGRITY OF THE PIPE COATING. THE INSTALLATION AND CONSTRUCTION OF THE TEMPORARY PIPE SUPPORT STRUCTURE SHALL BE SUBJECT TO INSPECTION AND APPROVAL BY M.L.G.&W.



PLAN SCALE: 1"=50'



PROFILE SS-LINE D SCALE: 1"=50' (HORIZ.) 1"=5' (VERT.)

SEWER BASIN WN-10 SHEET 4 OF 4

DIVISION OF ENGINEERING
SARP10
BELLEVUE EQ. BASIN & GRAVITY
SEWER IMPROVEMENTS
OFF-STREET SEWER PLAN & PROFILE 3

LOCATION: BELLEVUE PARKWAY
MEMPHIS, TENNESSEE

SURVEY: GEODESY DATE: 4/5/2021 BOOK: _____
DRAWN: ABES DATE: 2/24/2025 SCALE: AS SHOWN
DESIGN: ABES DATE: 2/24/2025 CHECKED: _____ DATE: _____

REVIEWED

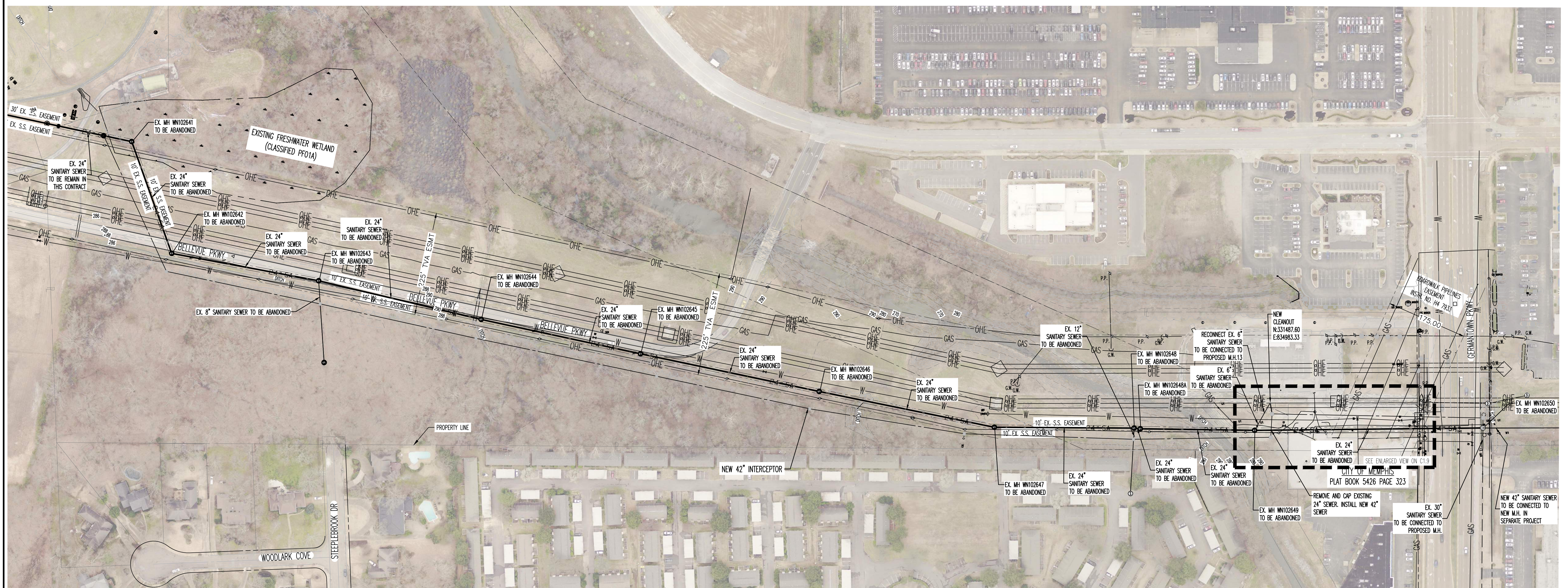
DEPUTY CITY ENGINEER DATE CITY ENGINEER DATE

BASIN NO. FILE FOLDER SHEET NUMBER



ITEM	DESCRIPTION	APPROVED

Z:\EMMANUEL TOMBE - BES PRODUCTION\ACTIVE PROJECTS\080_LDA ENGINEERING\PM 080-21-01 BELLEVUE EQ WORKING\04\BIBRO_103.PLAN AND PROFILEING_2/24/2025 9:35 AM_NICK WONG



SANITARY SEWER NOTES

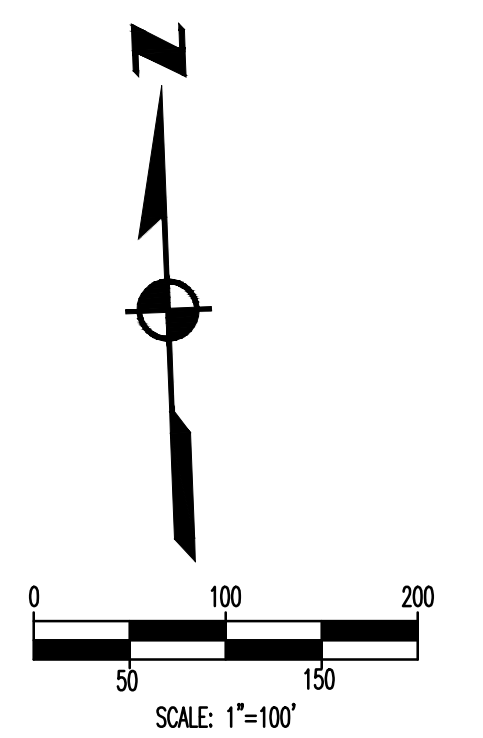
1. LOCATION OF EXISTING UNDERGROUND UTILITIES ARE APPROXIMATE AND ARE NOT NECESSARILY ALL OF SAME. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE APPROPRIATE UTILITY COMPANY TO DETERMINE THE EXACT LOCATION OF ALL UTILITIES AND/OR UNDERGROUND STRUCTURES PRIOR TO THE INITIATION OF ANY CONSTRUCTION. CONTRACTOR SHALL ALSO ASSUME FULL RESPONSIBILITY FOR DAMAGE TO ANY UTILITIES ENCOUNTERED WITHIN CONSTRUCTION PERIMETERS. FOR SITE LOCATIONS OF EXISTING UTILITIES INVOLVING M.G.&W., SOUTH CENTRAL BELL, BOARDWALK PIPELINES, AND/OR CITY OF MEMPHIS SEWER, PLEASE CALL 811.
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 SARP10 A MINIMUM OF 24 HOURS PRIOR TO BEGINNING ANY CONSTRUCTION.
5. ALL AREAS IN CUT OR FILL WHERE VEGETATION HAS BEEN REMOVED SHALL BE SEEDED, MULCHED, FERTILIZED, AND/OR SOODED AS REQUIRED TO PREVENT EROSION.
6. THE 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-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, INCLUDING SERVICE CONNECTIONS, WHICH HAS LESS THAN 1.5' CLEARANCE (OUTSIDE OF PIPES) WITH DRAINAGE OR IN FILLED AREAS SHALL BE CLASS 50 D.I.P. OR CONCRETE ENCASED, 10" MINIMUM BOTH SIDES OF CROSSING. ALL DUCTILE IRON PIPE (D.I.P.) SHALL BE POLYETHYLENE LINED OR SHALL BE TREATED WITH PROTECTO 401 OR APPROVED EQUIVALENT.
10. THE CITY OF MEMPHIS SHALL HAVE INGRESS/EGRESS 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, FENCES AND YARDS.
11. NO TREES, SHRUBS, PERMANENT STRUCTURES, OR OTHER UTILITIES (EXCEPT FOR CROSSINGS) WILL BE ALLOWED WITHIN SANITARY SEWER EASEMENT. NO OTHER UTILITIES OR SERVICES MAY OCCUPY SANITARY SEWER EASEMENTS 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 GASKETS AND PLUGS FOR PICK HOLES TO PREVENT DRAINAGE INFLOW INTO SEWER SYSTEM.
13. THE CONTRACTOR SHALL PROVIDE ADEQUATE AND EFFECTIVE EROSION CONTROL AS NECESSARY TO PREVENT ANY SILTATION INTO EXISTING DRAINAGE SYSTEM AND/OR ADJACENT PROPERTIES.
14. TRACER WIRE SHALL BE INSTALLED ALONG THE LENGTH OF ALL SEWER PIPES, SERVICE CONNECTIONS, MANHOLES AND STUBS PER STANDARD CONSTRUCTION SPECIFICATIONS AND STANDARD DETAIL (SST-17).

STRUCTURE ABANDONMENT TABLE

STRUCTURE ID	DEPTH	LOCATION
MH WN102650	25.80	N: 331402.042 E: 835440.190
MH WN102649	22.13	N: 331429.942 E: 834945.674
MH WN102643.01	9.38	N: 331711.568 E: 832941.067
MH WN102647	21.37	N: 331474.314 E: 834382.572
MH WN102646	21.37	N: 331577.256 E: 834008.634
MH WN102648	19.00	N: 331452.261 E: 834684.993
MH WN102648A	20.20	N: 331449.887 E: 834698.424
MH WN102644	20.22	N: 331782.218 E: 833287.248
MH WN102643	20.28	N: 331889.540 E: 832940.991
MH WN102645	19.25	N: 331684.710 E: 833627.158
MH WN102642	18.66	N: 331970.128 E: 832626.850
MH WN102641	18.30	N: 332217.998 E: 832556.504

NOTES
1. SEE DETAILS ON SHEET D1.3 FOR ABANDONED SEWER MANHOLE.

BENCHMARK
BASIS OF ELEVATIONS NAVD 88 CITY BM#235 - LOCATED ON THE SOUTHEAST CORNER OF GERMENTOWN PKWY AND CHIMNEYROCK BLVD, AT BACK OF SIDEWALK, ER ON CHIMNEYROCK BLVD. SIDE. ELEV. 296.21
THESE PREMISES ARE NOT LOCATED WITHIN A "SPECIAL FLOOD HAZARD AREA" AS DEFINED BY NATIONAL FLOOD PROTECTION ACT AS SHOWN ON FIRM MAP 47157003166 AND 47157003106, DATED FEBRUARY 05, 2013.



**SEWER BASIN WN-10
SHEET 1 OF 1**

C1.13

ITEM	DESCRIPTION	APPROVED



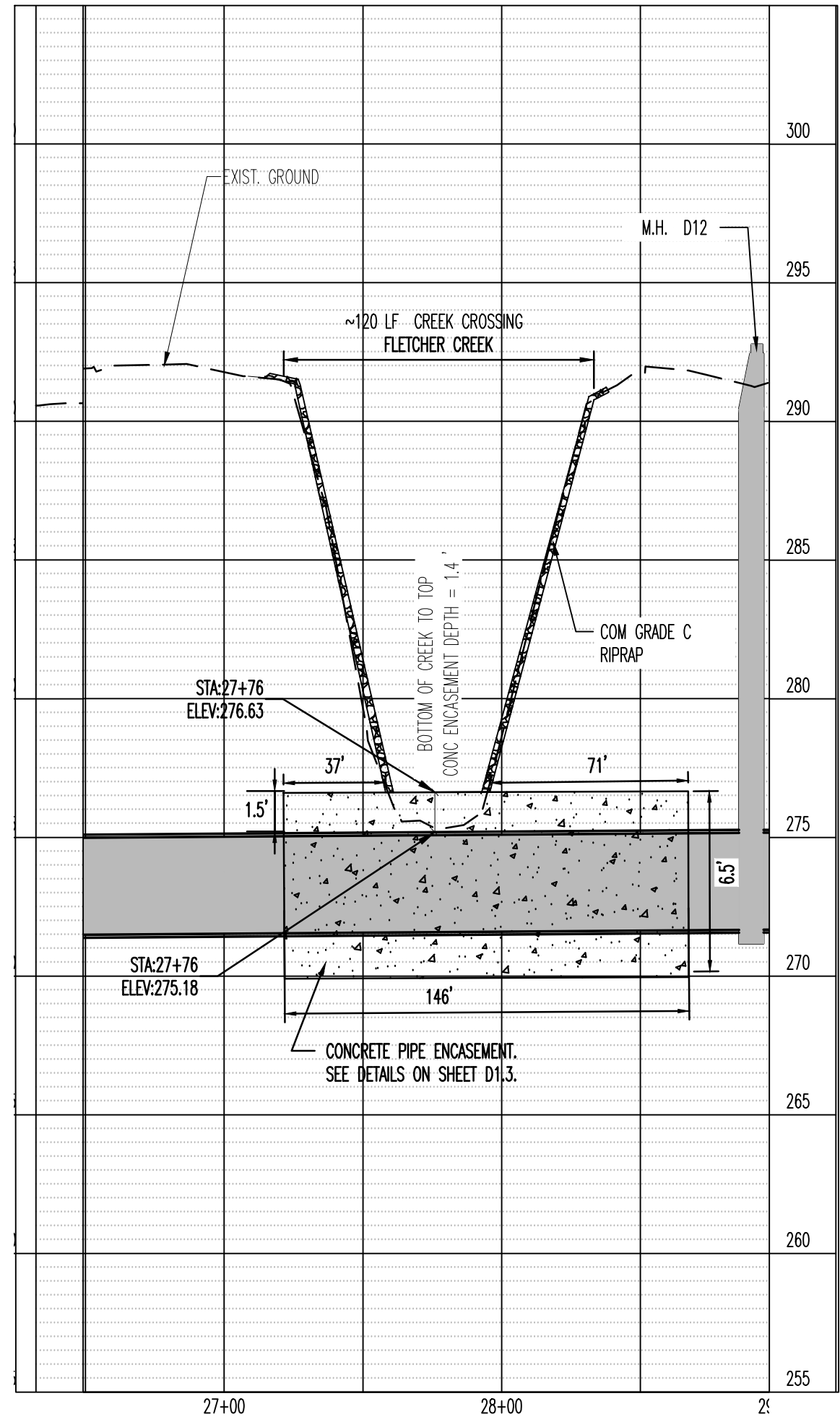
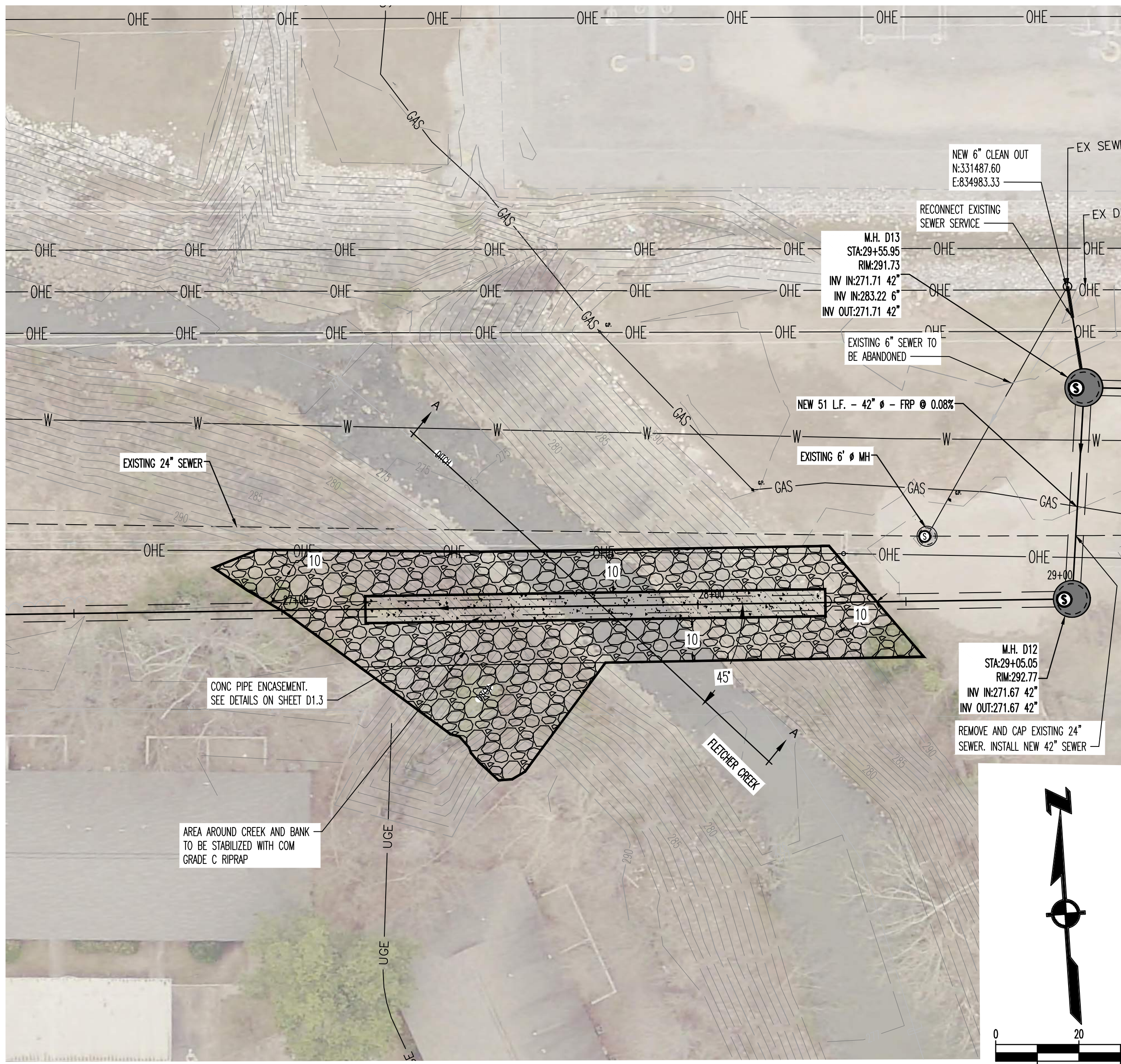
DIVISION OF ENGINEERING
SARP10
**BELLEVUE EQ. BASIN & GRAVITY
SEWER IMPROVEMENTS
SEWER ABANDONMENT PLAN**
LOCATION: BELLEVUE PARKWAY
MEMPHIS, TENNESSEE

SURVEY: GEODESY DATE: 4/5/2021 BOOK: _____
DRAWN: ABES DATE: 1/28/2025 SCALE: AS SHOWN
DESIGN: ABES DATE: 1/28/2025 CHECKED: _____ DATE: _____

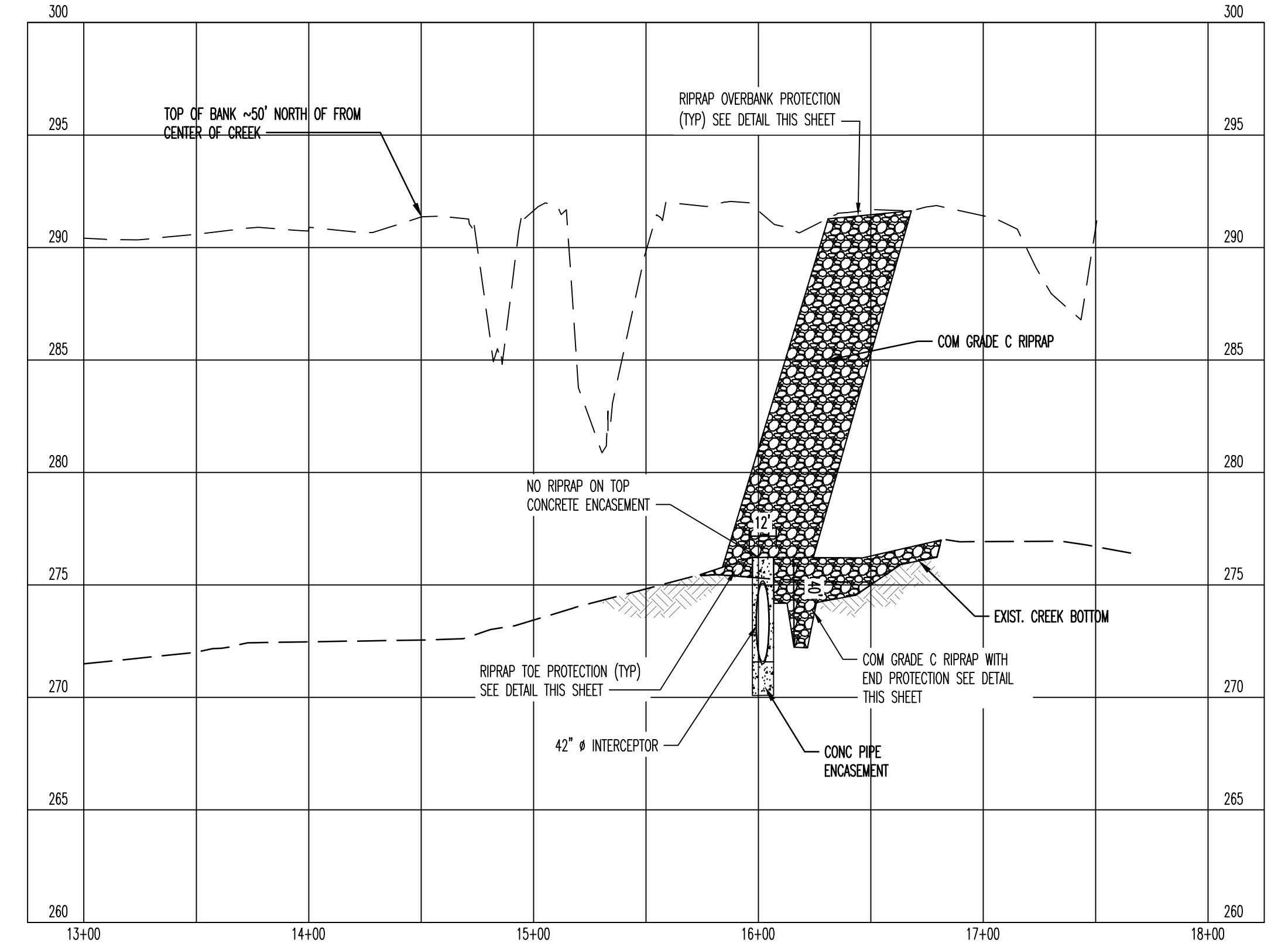
REVIEWED _____
DEPUTY CITY ENGINEER DATE _____ CITY ENGINEER DATE _____

BASIN NO.	FILE FOLDER	SHEET NUMBER

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PROFILE SS-LINE D (CREEK CROSSING)
SCALE: 1"=50' (HORIZ.)
1"=5' (VERT.)

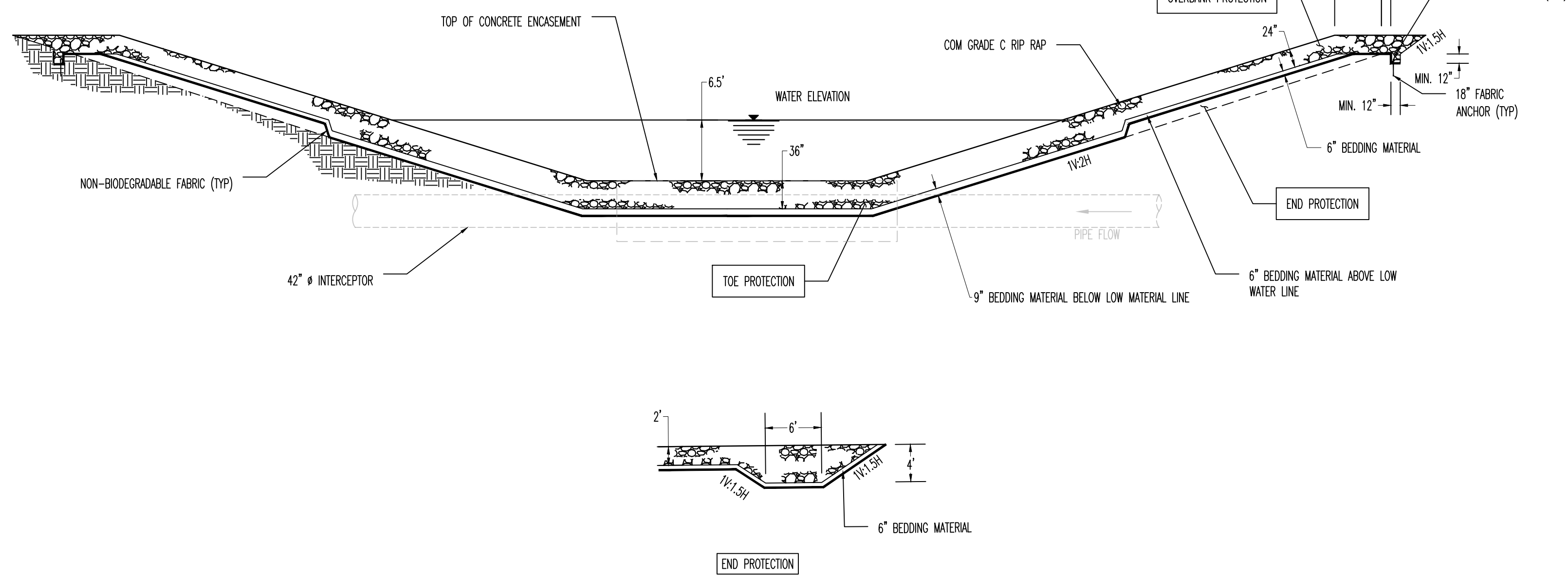


SECTION A-A
HORIZ: 1"=50' & VERT: 1"=5'

PLAN
SCALE: 1"=20'

GENERAL NOTES:

- THE CONTRACTOR SHALL NOT ENTER UPON, WORK UPON NOR CAUSE DAMAGE TO ANY ADJACENT PROPERTIES WITHOUT PRIOR PERMISSION FROM SAID PROPERTY OWNER.
- GRADING AND DRAINAGE: FINISH GRADE SHALL BE SLOPED FOR POSITIVE DRAINAGE.
- ALL RIP RAP TO EXTEND TO BOTTOM OF DITCH AND FULLY PROTECT THE BANK AND EDGES OF OTHER EROSION CONTROL DEVICES.
- PROPERTY LINES SHALL BE FIELD VERIFIED PRIOR TO CONSTRUCTION. GRADING CLEARING AND THE ERECTION OR REMOVAL OF FENCES ALONG PROPERTY LINES SHALL BE FULLY COORDINATED WITH ADJACENT PROPERTY OWNERS.
- NEWLY CUT OR FILLED EMBANKMENTS SHALL BE SODDED OR SEEDED AND MULCHED TO ADEQUATELY PREVENT SOIL EROSION STAKE SOD SLOPE 3:1 OR GREATER.
- ALL GRADING WORK SHALL BE PERFORMED IN SUCH A MANNER THAT ADJACENT PROPERTIES ARE NOT DAMAGED OR ADVERSELY AFFECTED.
- THE LOCATION OF ALL EXISTING UTILITIES SHALL BE PROPERLY VERIFIED PRIOR TO CONSTRUCTION. ALL WORK SHALL BE PERFORMED IN A MANNER TO ENSURE THAT EXISTING UTILITIES ARE NOT INTERFERED WITH OR DISRUPTED.
- ALL FILL SHALL BE COMPACTED TO 95% STANDARD PROCTOR DENSITY WITHIN 3% OPTIMUM MOISTURE CONTENT IN 6" LIFTS UNLESS OTHERWISE SPECIFIED (TYP). SUBMIT TEST RESULTS TO SARP10.
- ALL AREAS TO BE FILLED SHALL BE PROPERLY CLEARED AND STRIPPED PRIOR TO BEGINNING THE FILLING OPERATION.
- THE CONTRACTOR IS TO INSTALL EROSION AND SEDIMENT CONTROL SYSTEMS AND STRUCTURES AS NECESSARY TO PREVENT SEDIMENT LADEN WATER FROM LEAVING THE SITE.
- ALL RIP-RAP SHALL BE PLACED ON NON-BIODEGRADABLE FABRIC, OR APPROVED EQUAL.
- ALL WORK SHALL BE DONE IN DRY CONDITIONS. CONTRACTOR SHALL MAKE PROVISIONS TO KEEP STORM WATER, LATERAL WATER AND GROUND WATER OUT OF CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL DEWATER THE SITE AS NECESSARY SO THAT PLACEMENT OF ALL RIP-RAP.
- CONTRACTOR IS RESPONSIBLE FOR AND SHALL PAY FOR ALL PROJECT TESTING. SOIL AND OTHER MATERIAL TESTING SHALL BE PERFORMED BY A LICENSED GEOTECHNICAL FIRM.
- CONTRACTOR IS RESPONSIBLE FOR AND SHALL PAY FOR ALL SURVEY LAYOUT AND STAKING. SURVEY DATA SHALL BE PROVIDED BY A REREGISTERED LAND SURVEYOR.
- TO BE INSTALLED AS PER MANUFACTURER'S INSTRUCTIONS. NO CONCRETE OR GROUTING WORKS IS PERMITTED ON SITE.



NOTES:

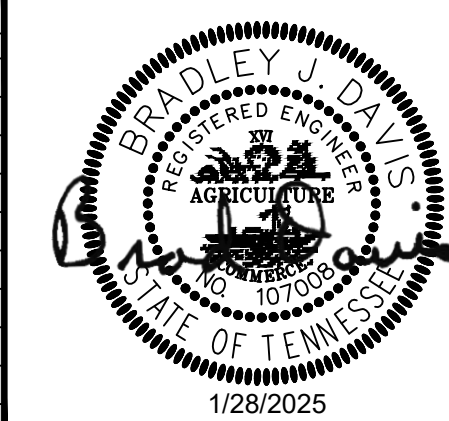
- ELEVATION OF WORK POINT MAY VARY BETWEEN A MINIMUM OF THREE FEET AND A MAXIMUM OF FIVE FEET ABOVE CHANNEL GRADE AND SHALL BE EQUAL TO THE WATER ELEVATION WHEN IN THAT RANGE.
- CONSTRUCTION OF TOE PROTECTION WILL NOT BE PERMITTED WHEN WATER ELEVATION IS MORE THAN FIVE FEET ABOVE CHANNEL GRADE.

RIPRAP TOE, END AND OVERBANK PROTECTION DETAILS
SCALE: 1" = 10'

SEWER BASIN WN-10
SHEET 1 OF 1

C1.14

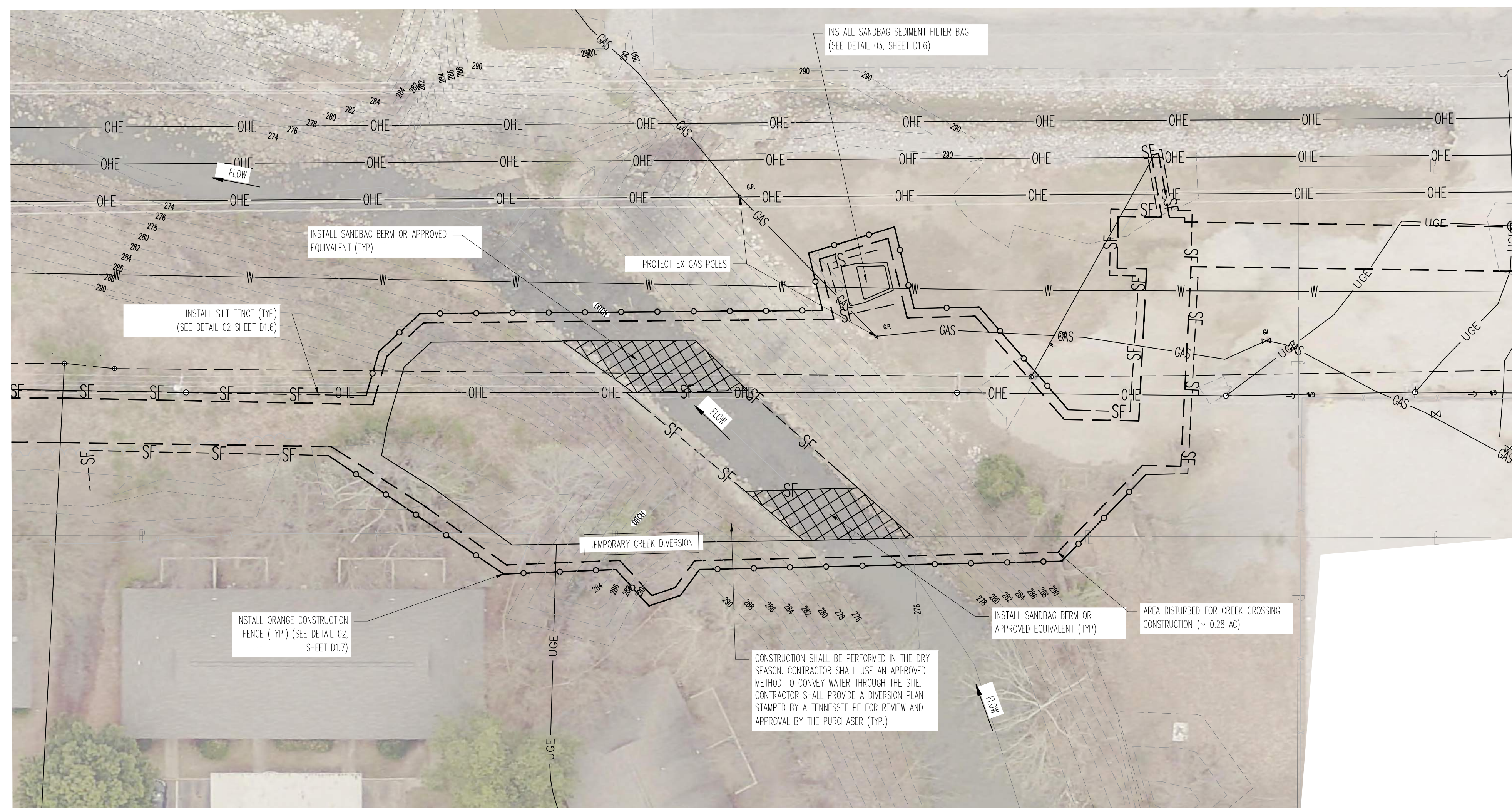
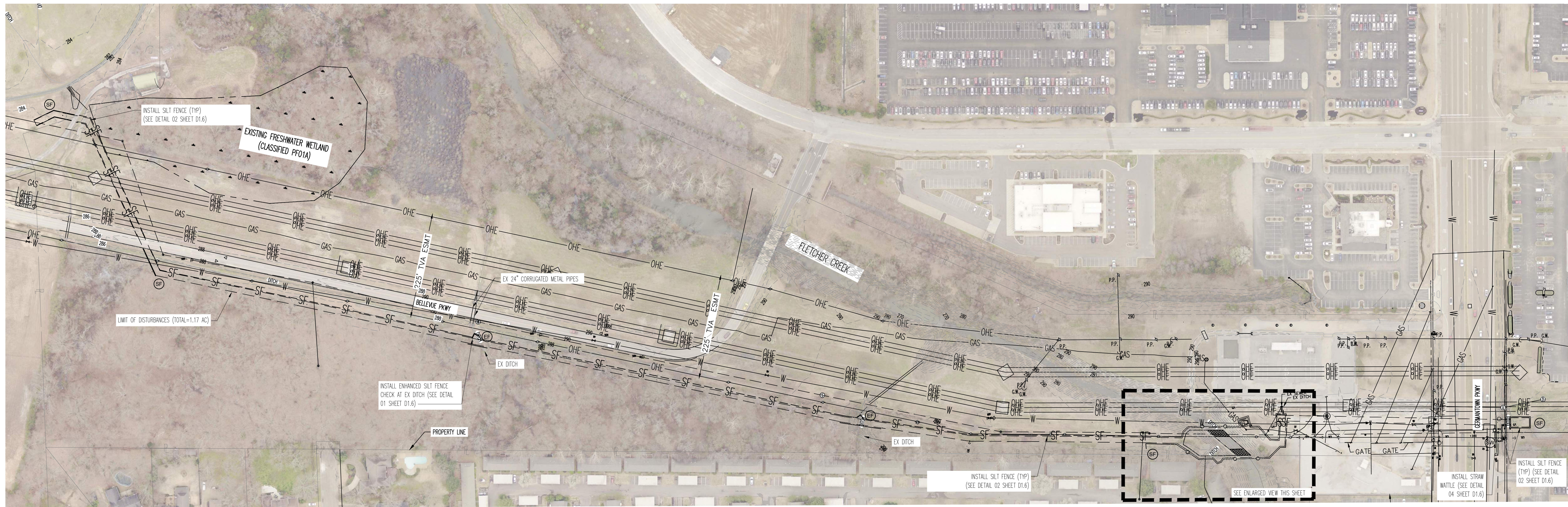
ITEM	DESCRIPTION	APPROVED



DIVISION OF ENGINEERING
SARP10
BELLEVUE EQ. BASIN & GRAVITY SEWER IMPROVEMENTS BANK STABILIZATION PLAN
LOCATION: BELLEVUE PARKWAY
MEMPHIS, TENNESSEE

SURVEY: GEODESY DATE: 4/5/2021 BOOK: _____
DRAWN: ABES DATE: 1/28/2025 SCALE: AS SHOWN
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DEPUTY CITY ENGINEER DATE CITY ENGINEER DATE
BASIN NO. FILE FOLDER SHEET NUMBER

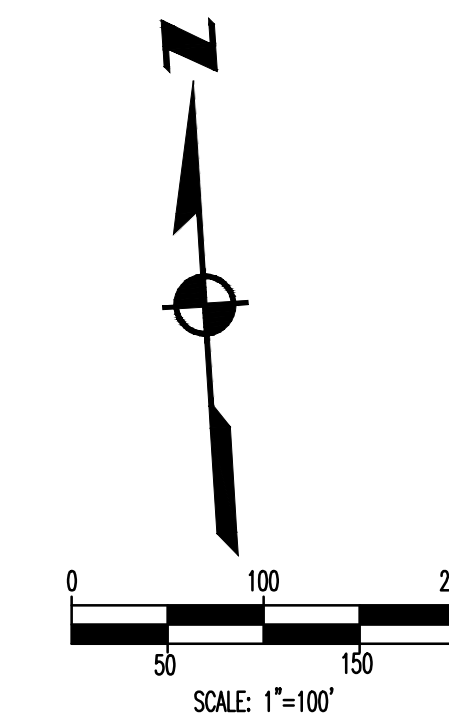


PHASE I SEQUENCING NOTES

1. INSTALL ORANGE CONSTRUCTION FENCE AT CREEK CROSSING.
2. SILT FENCE TO BE INSTALLED ALONG TOE OF SLOPE AT CREEK CROSSING AND DOWN SLOPE OF THE WORK ZONE AS SHOWN.
3. INSTALL ENHANCED SILT FENCE CHECK AT UPSTREAM OF DITCHES AS SHOWN
4. PERFORM REQUIRED EXCAVATION AND UTILITY WORK.
5. PLACE RIP RAP AS SHOWN, IF WATER ACCUMULATES IN THE WORK AREA AT THE CREEK CROSSING, THE TRAPPED WATER WILL BE PUMPED THROUGH A SEDIMENT FILTER BAG BEFORE IT LEAVES THE SITE.

EROSION CONTROL NOTES

1. ALL EROSION CONTROL STRUCTURES SHALL BE IN PLACE AND FUNCTIONAL PRIOR TO GRADING, EXCAVATION, TOP SOIL REMOVAL, TREE REMOVAL, OR PIPE-LAYING OPERATIONS.
2. ALL EROSION CONTROL STRUCTURES SHALL BE MAINTAINED AND MONITORED THROUGHOUT THE ENTIRE TIME OF CONSTRUCTION OPERATIONS AND UNTIL VEGETATION IS ESTABLISHED ON ALL BARE, DISTURBED AREAS.
3. KEEP CONSTRUCTION DEBRIS, MUD AND SILT FROM ENTERING DITCH CHANNELS OR LEAVING THE JOB SITE AT ALL TIMES UNTIL SITE IS COMPLETELY STABILIZED.
4. UNLESS OTHERWISE NOTED, NON-MONOFILAMENT TURF REINFORCED MATTING SHOULD BE USED ON SLOPES GREATER THAN 3:1 TO PREVENT EROSION RILLS FROM FORMING.
5. EROSION CONTROLS ARE NOT LIMITED TO WHAT IS SHOWN ON APPROVED EROSION CONTROL PLANS. ADDITIONAL EROSION CONTROL STRUCTURES OR MEASURES MAY BE NEEDED AS CONDITIONS WARRANT OR AS DIRECTED BY THE PROJECT ENGINEER, CITY ENGINEER OR CITY INSPECTOR.
6. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT ALL REQUIRED PERMITS HAVE BEEN OBTAINED PRIOR TO BEGINNING ANY CONSTRUCTION OR OTHER ACTIVITY ON THE SITE AND FOR SATISFYING THE REQUIREMENTS OF THE STATE OF TENNESSEE DEPARTMENT OF WATER POLLUTION CONTROL AS SET FORTH IN THE TENNESSEE EROSION AND SEDIMENT CONTROL HANDBOOK.
7. ALL NEWLY CUT OR FILL AREAS LACKING ADEQUATE VEGETATION SHALL BE FERTILIZED, MULCHED, SEEDED, AND/OR SOODED TO EFFECTIVELY CONTROL SOIL EROSION. THE SEED AND FERTILIZER WILL BE COVERED WITH NON-MONOFILAMENT TURF REINFORCED MATTING ON SLOPES GREATER THAN 3:1.
8. PROVIDE THE NAME AND PHONE NUMBER OF THE PERSON OR PERSONS RESPONSIBLE FOR EROSION CONTROL AND/OR MUD/DIRT IN THE STREET REMOVAL TO THE CITY INSPECTOR PRIOR TO THE START OF CONSTRUCTION.
9. ALL CONTROL MEASURES SHALL BE CHECKED TWICE A WEEK AND AT LEAST 72 HOURS APART. DURING PROLONGED RAINFALL, DAILY CHECKING AND REPAIRING IS NECESSARY. THE CONTRACTOR SHALL MAINTAIN RECORDS OF CHECKS AND REPAIRS.
10. GRADING AND UTILITY WORK IS TO BE PERFORMED IN THE DRY WEATHER. CONTRACTOR TO USE TEMPORARY CREEK DIVERSION, SAND BAG BERM SHALL BE INCLUDED IN THE COST OF THE "TEMPORARY CREEK DIVERSION". CONTRACTOR SHALL SUBMIT A PLAN STAMPED BY A TENNESSEE PE FOR REVIEW AND APPROVAL BY THE PURCHASER/ENGINEER.



LEGEND	
	STRAW WATTLE
	SILT FENCE
	ENHANCED SILT FENCE CHECK (V-DITCH)
	ORANGE CONSTRUCTION FENCE
	LIMITS OF DISTURBANCE

BENCHMARK

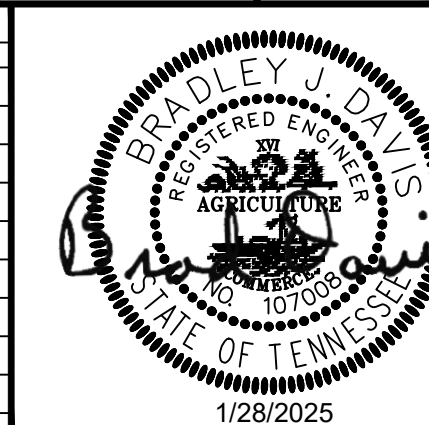
BASIS OF ELEVATIONS NAVD 88 CITY BM#235 - LOCATED ON THE SOUTHEAST CORNER OF GERMAN TOWN PKWY AND CHIMNEY ROCK BLVD, AT BACK OF SIDEWALK, ON CHIMNEY ROCK BLVD. ELEV. 296.21

THESE PREMISES ARE NOT LOCATED WITHIN A "SPECIAL FLOOD HAZARD AREA" AS DEFINED BY NATIONAL FLOOD PROTECTION ACT AS SHOWN ON FIRM MAP 47157C0316G AND 47157C0310G, DATED FEBRUARY 05, 2013.

**SEWER BASIN WN-10
SHEET 1 OF 2**

C2.1

ITEM	DESCRIPTION	APPROVED

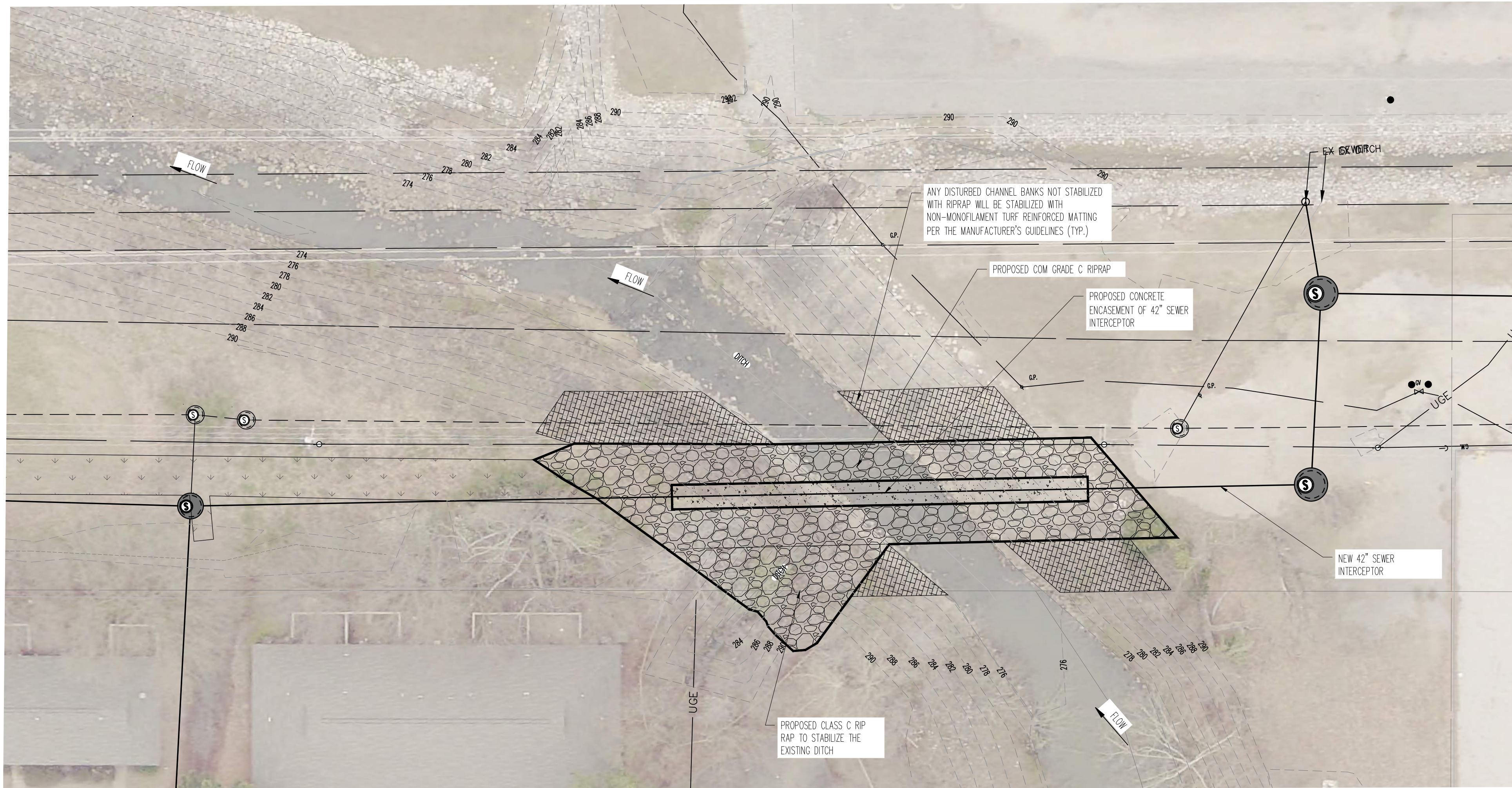
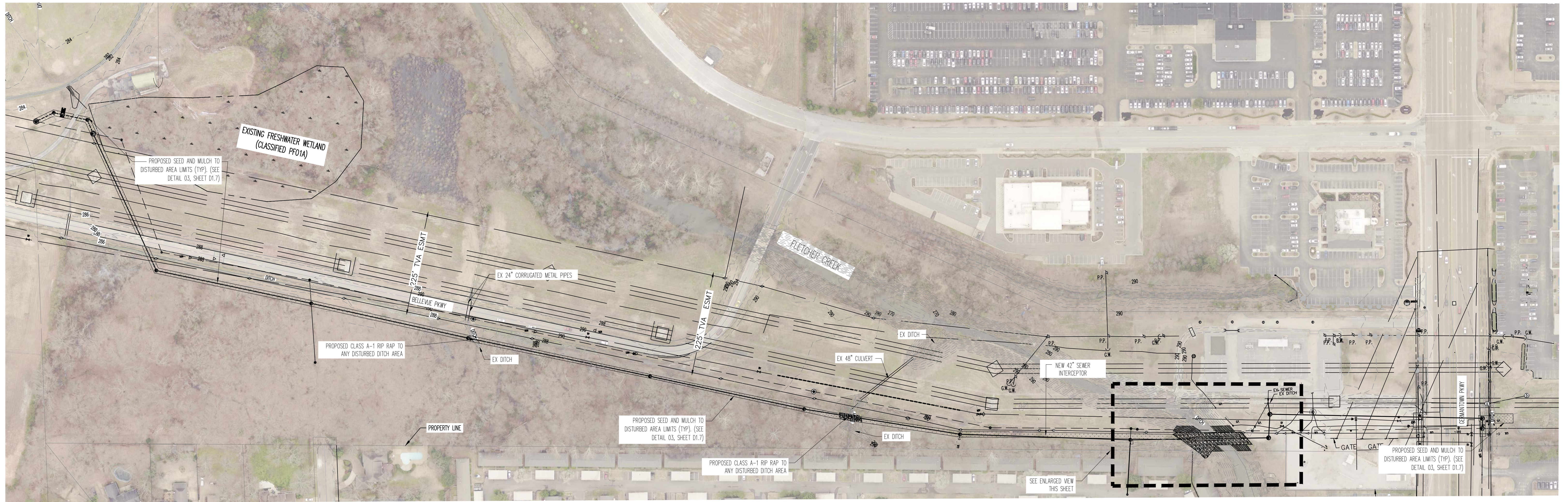


DIVISION OF ENGINEERING
SARP10
**BELLEVUE EQ. BASIN & GRAVITY
SEWER IMPROVEMENTS**
EROSION PROTECTION & SEDIMENT CONTROL PLAN (PHASE I)
LOCATION: BELLEVUE PARKWAY
MEMPHIS, TENNESSEE

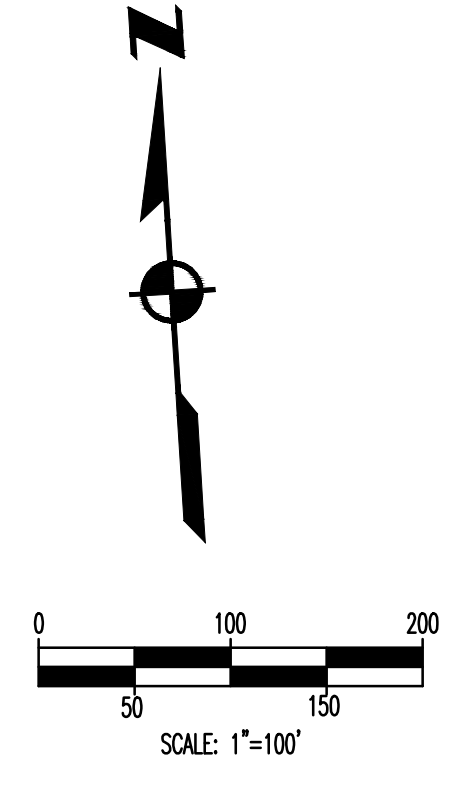
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DRAWN: ABES DATE: 1/28/2025 SCALE: AS SHOWN
DESIGN: ABES DATE: 1/28/2025 CHECKED: _____ DATE: _____

REVIEWED

DEPUTY CITY ENGINEER	DATE	CITY ENGINEER	DATE
BASIN NO.	FILE FOLDER	SHEET NUMBER	



- PHASE II SEQUENCING NOTES**
1. MAINTAIN BMP'S INSTALLED DURING PHASE I.
 2. STABILIZE SITE AS SHOWN. ALL OTHER DISTURBED AREAS NOT RECEIVING CLASS A-1 RIP-RAP OR NATIVE MATERIAL WILL BE SEEDED AND MULCHED. DISTURBED SLOPED BANKS WILL HAVE NON-MONOFILAMENT TURF REINFORCED MAT.
 3. REMOVE BMP'S WHEN SITE IS STABLE.
- EROSION CONTROL NOTES**
1. ALL EROSION CONTROL STRUCTURES SHALL BE IN PLACE AND FUNCTIONAL PRIOR TO GRADING, EXCAVATION, TOP SOIL REMOVAL, TREE REMOVAL, OR PIPE-LAYING OPERATIONS.
 2. ALL EROSION CONTROL STRUCTURES SHALL BE MAINTAINED AND MONITORED THROUGHOUT THE ENTIRE TIME OF CONSTRUCTION OPERATIONS AND UNTIL VEGETATION IS ESTABLISHED ON ALL BARE, DISTURBED AREAS.
 3. KEEP CONSTRUCTION DEBRIS, MUD AND SILT FROM ENTERING DITCH CHANNELS OR LEAVING THE JOB SITE AT ALL TIMES UNTIL SITE IS COMPLETELY STABILIZED.
 4. UNLESS OTHERWISE NOTED, NON-MONOFILAMENT TURF REINFORCED MATTING SHOULD BE USED ON SLOPES GREATER THAN 3:1 TO PREVENT EROSION RILLS FROM FORMING.
 5. EROSION CONTROLS ARE NOT LIMITED TO WHAT IS SHOWN ON APPROVED EROSION CONTROL PLANS. ADDITIONAL EROSION CONTROL STRUCTURES OR MEASURES MAY BE NEEDED AS CONDITIONS WARRANT OR AS DIRECTED BY THE PROJECT ENGINEER, CITY ENGINEER OR CITY INSPECTOR.
 6. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT ALL REQUIRED PERMITS HAVE BEEN OBTAINED PRIOR TO BEGINNING ANY CONSTRUCTION OR OTHER ACTIVITY ON THE SITE AND FOR SATISFYING THE REQUIREMENTS OF THE STATE OF TENNESSEE DEPARTMENT OF WATER POLLUTION CONTROL, AS SET FORTH IN THE TENNESSEE EROSION AND SEDIMENT CONTROL HANDBOOK.
 7. ALL NEWLY CUT OR FILL AREAS LACKING ADEQUATE VEGETATION SHALL BE FERTILIZED, MULCHED, SEEDED, AND/OR SOODED TO EFFECTIVELY CONTROL SOIL EROSION. THE SEED AND FERTILIZER WILL BE COVERED WITH NON-MONOFILAMENT TURF REINFORCED MATTING ON SLOPES GREATER THAN 3:1.
 8. PROVIDE THE NAME AND PHONE NUMBER OF THE PERSON OR PERSONS RESPONSIBLE FOR EROSION CONTROL AND/OR MUD/DIRT IN THE STREET REMOVAL TO THE CITY INSPECTOR PRIOR TO THE START OF CONSTRUCTION.
 9. ALL CONTROL MEASURES SHALL BE CHECKED TWICE A WEEK AND AT LEAST 72 HOURS APART. DURING PROLONGED RAINFALL, DAILY CHECKING AND REPAIRING IS NECESSARY. THE CONTRACTOR SHALL MAINTAIN RECORDS OF CHECKS AND REPAIRS.
 10. GRADING AND UTILITY WORK IS TO BE PERFORMED IN THE DRY WEATHER. CONTRACTOR TO USE TEMPORARY CREEK DIVERSION, SAND BAG BERM SHALL BE INCLUDED IN THE COST OF THE "TEMPORARY CREEK DIVERSION". CONTRACTOR SHALL SUBMIT A PLAN STAMPED BY A TENNESSEE PE FOR REVIEW AND APPROVAL BY THE PURCHASER/ENGINEER.



LEGEND

[Stippled pattern]	SEED AND MULCH AREA
[Grid pattern]	NON-MONOFILAMENT TURF REINFORCED MATTING
[Hatched pattern]	CLASS C RIP RAP

BENCHMARK

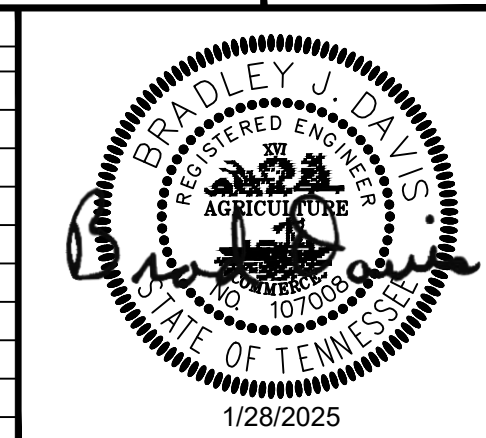
BASIS OF ELEVATIONS NAVD 88 CITY BM#235 - LOCATED ON THE SOUTHEAST CORNER OF GERMAN TOWN PKWY AND CHIMNEYHOOK BLVD, AT BACK OF SIDEWALK, ER ON CHIMNEYHOOK BLVD. ELEV. 296.21

THESE PREMISES ARE NOT LOCATED WITHIN A "SPECIAL FLOOD HAZARD AREA" AS DEFINED BY NATIONAL FLOOD PROTECTION ACT AS SHOWN ON FIRM MAP 47157D0316G AND 47157D0310G, DATED FEBRUARY 05, 2013.

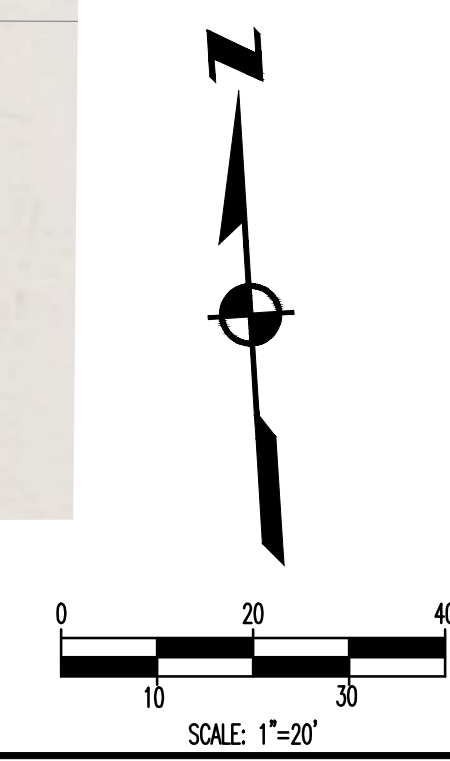
**SEWER BASIN WN-10
SHEET 2 OF 2**

C2.3

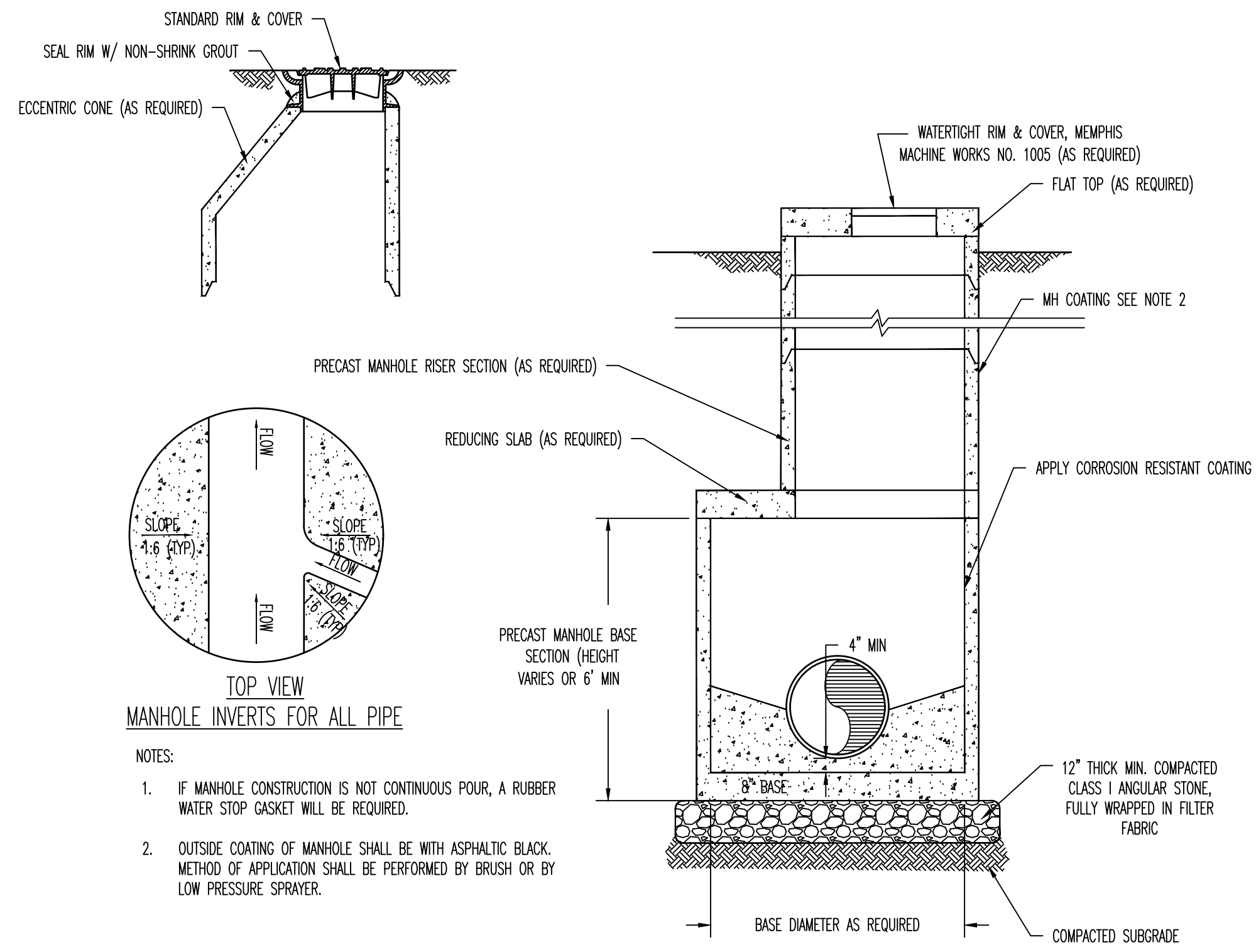
DIVISION OF ENGINEERING SARP10	
BELLEVUE EQ. BASIN & GRAVITY SEWER IMPROVEMENTS	
EROSION PROTECTION & SEDIMENT CONTROL PLAN (PHASE II)	
LOCATION: BELLEVUE PARKWAY MEMPHIS, TENNESSEE	
SURVEY: GEODESY	DATE: 4/5/2021
DRAWN: ABES	DATE: 1/28/2025
DESIGN: ABES	DATE: 1/28/2025
BOOK: _____	SCALE: AS SHOWN
CHECKED: _____	DATE: _____
REVIEWED	
DEPUTY CITY ENGINEER	DATE
CITY ENGINEER	DATE
BASIN NO.	FILE FOLDER
SHEET NUMBER	



ITEM	DESCRIPTION	APPROVED

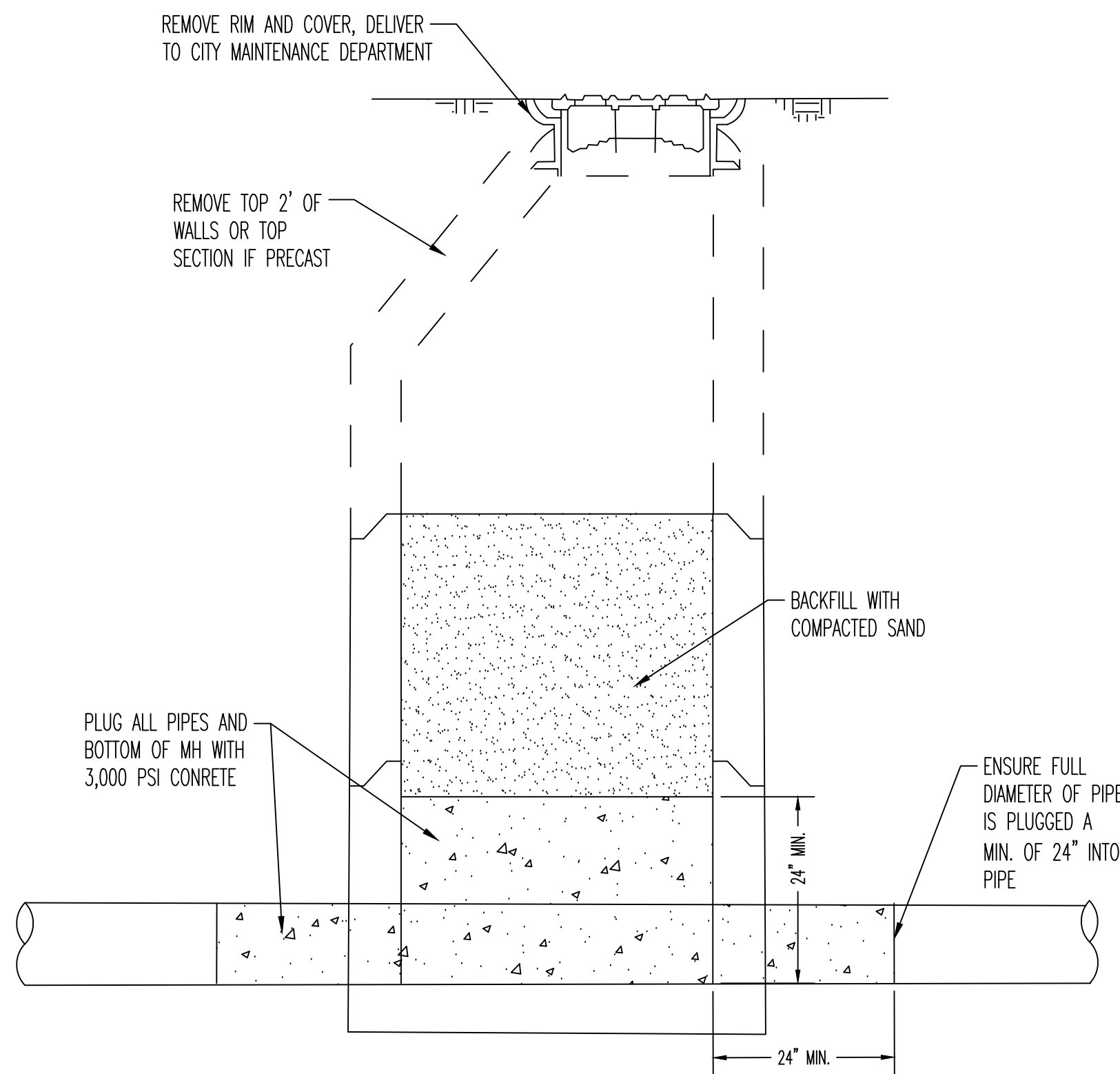


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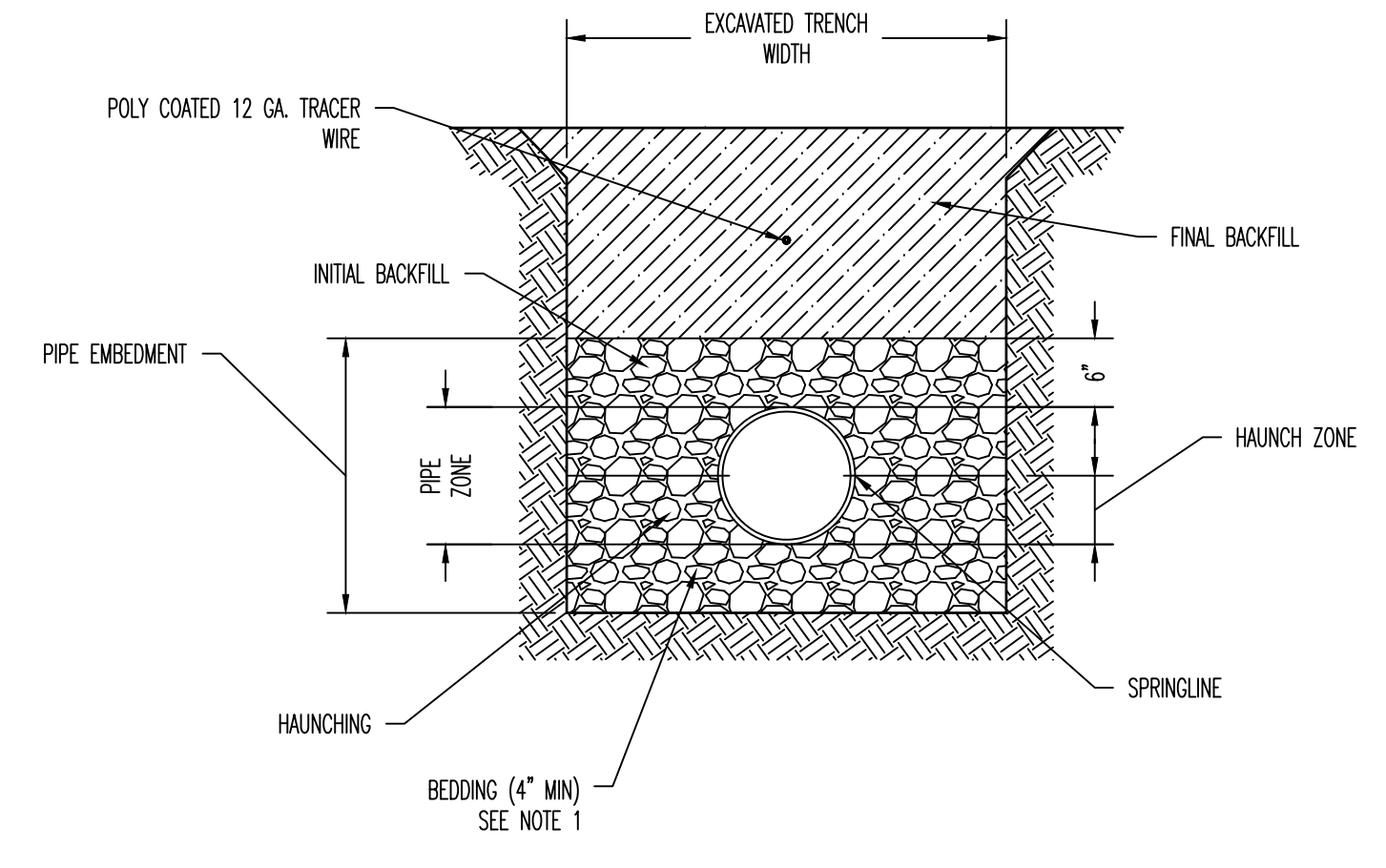
TYPICAL SANITARY SEWER MANHOLE DETAIL
NOT TO SCALE

- NOTES:
1. IF MANHOLE CONSTRUCTION IS NOT CONTINUOUS POUR, A RUBBER WATER STOP GASKET WILL BE REQUIRED.
 2. OUTSIDE COATING OF MANHOLE SHALL BE WITH ASPHALTIC BLACK. METHOD OF APPLICATION SHALL BE PERFORMED BY BRUSH OR BY LOW PRESSURE SPRAYER.



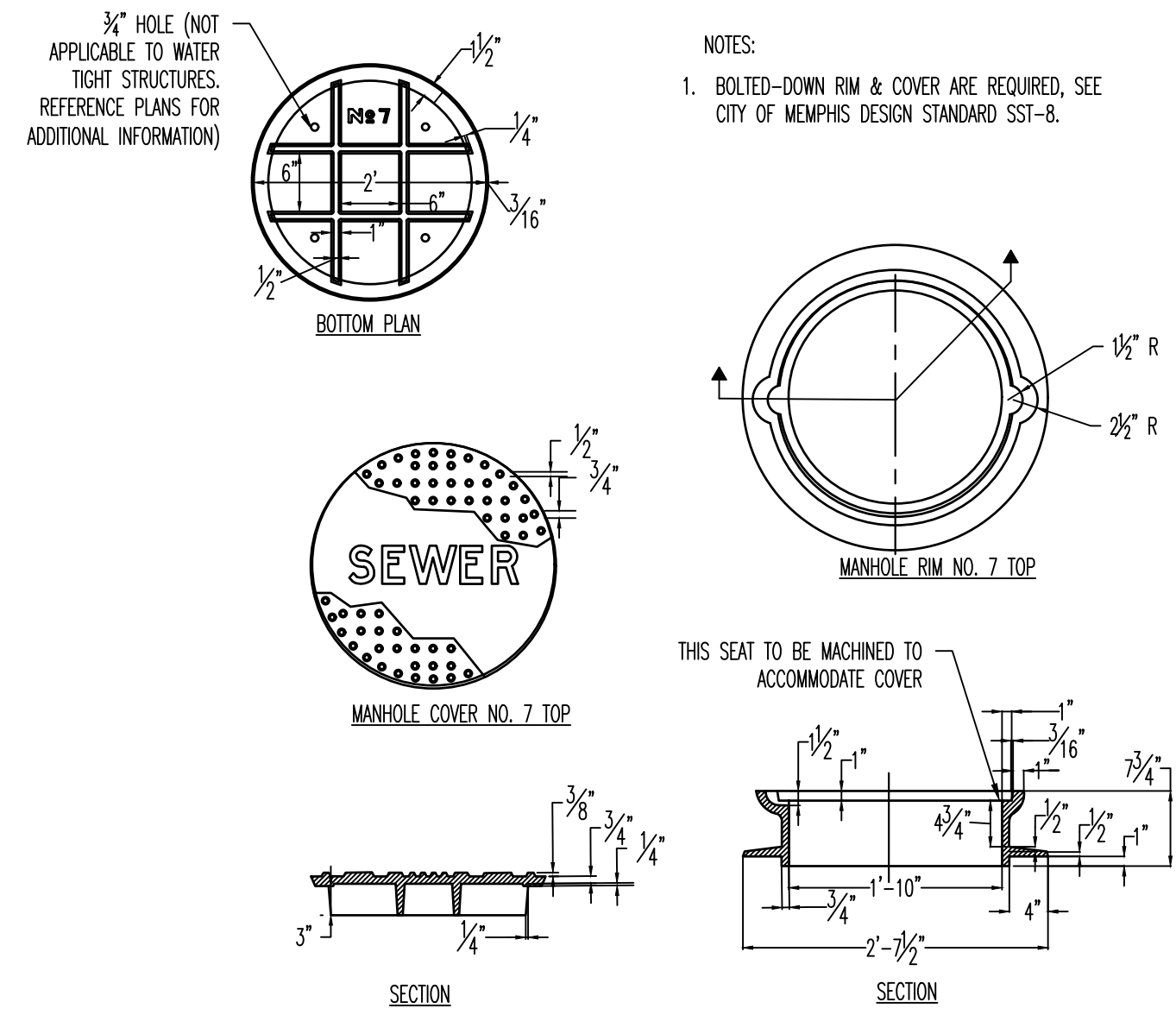
ABANDONED MANHOLE
NOT TO SCALE

NOTE:
THIS IS TYPICAL ABANDONED MANHOLE DETAILS, WHICH DOES NOT REFLECT THE ACTUAL TYPE OF MH ON SITE. REFER TO THE CITY STD DETAILS FOR EXISTING MH INFORMATION WHEN NECESSARY.



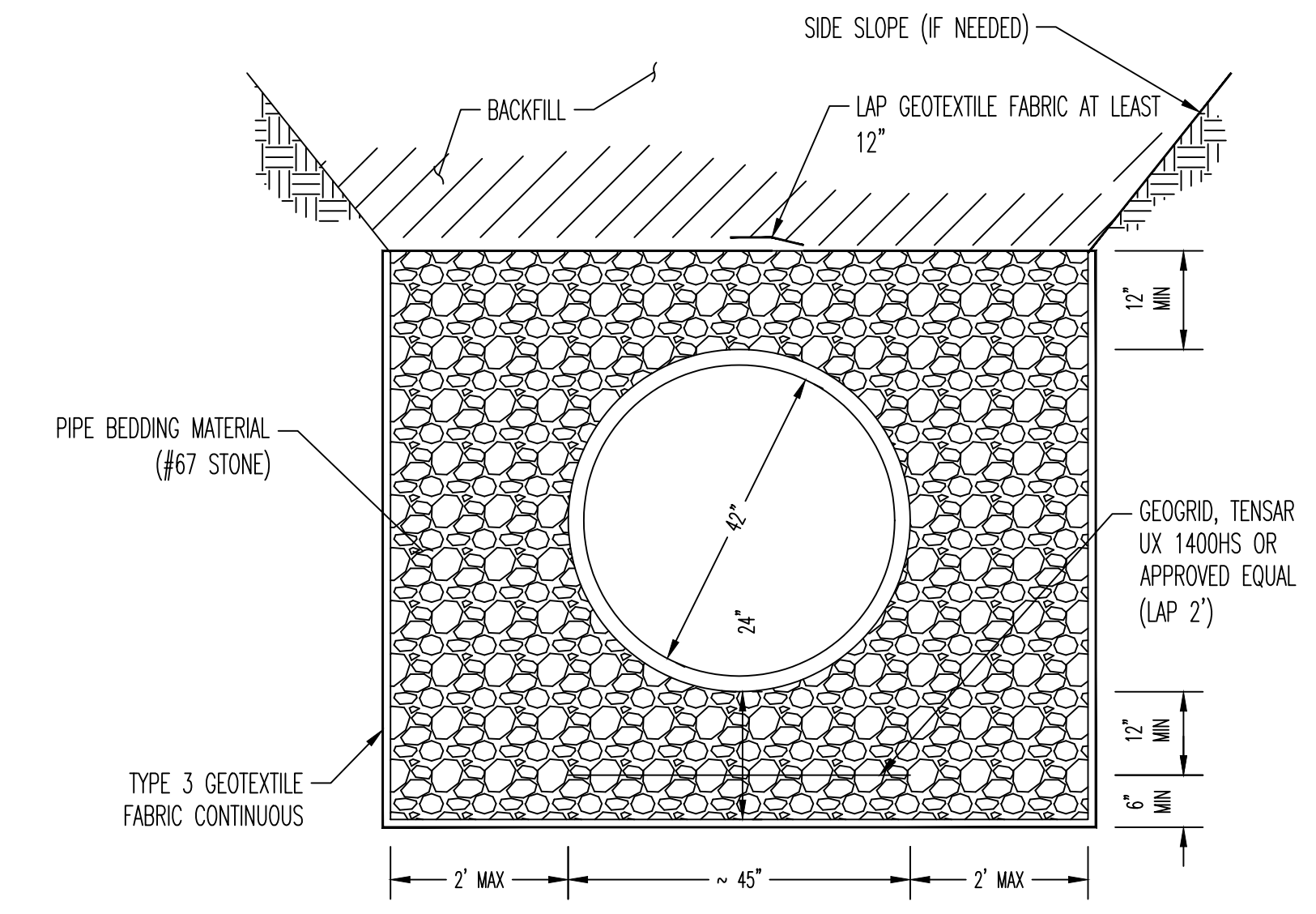
SMALL DIA. PIPE BEDDING (UNDER 36")
NOT TO SCALE

- NOTES:
1. INSTALL CRUSHED LIMESTONE ASTM D-448-54 TABLE 1, #67 FOR BEDDING AND HAUNCHING MATERIAL. THE QUANTITY OF CRUSHED LIMESTONE FOR BEDDING AND HAUNCHING IS PART OF THE "SEWER PIPE INSTALLATION" LINE ITEM AND NO SEPARATE PAYMENT WILL BE MADE.
 2. INSTALL EITHER CRUSHED LIMESTONE OR RECYCLED CRUSHED CONCRETE FOR INITIAL BACKFILL AND FINAL BACKFILL PER CITY OF MEMPHIS SPECIFICATIONS.

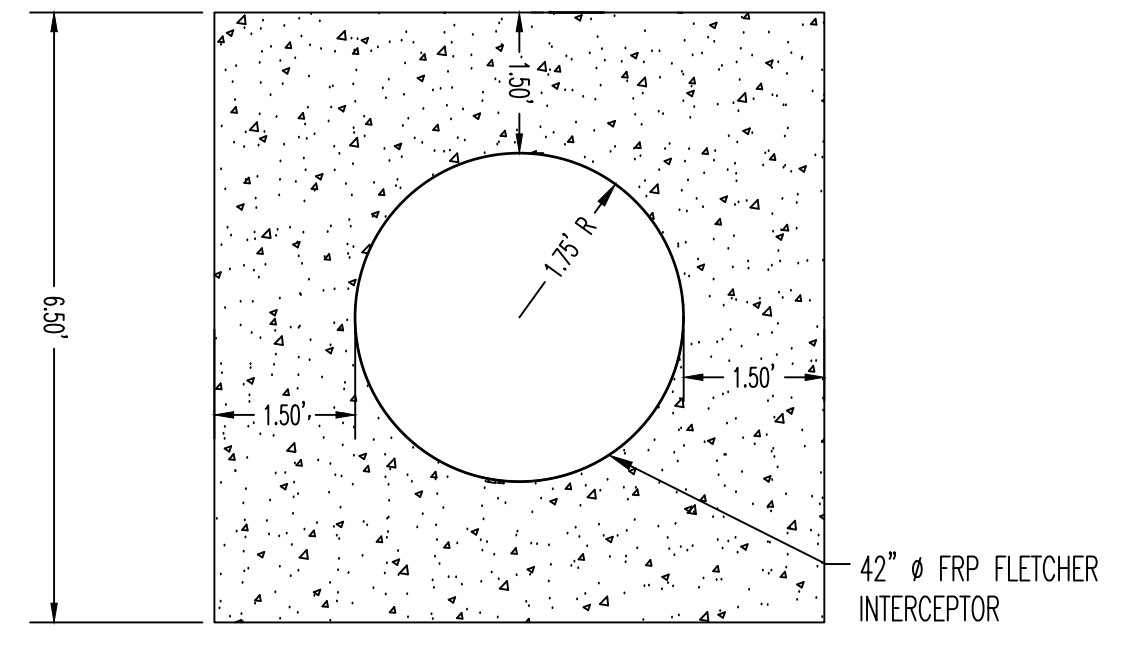


NO.7 MANHOLE RIM AND COVER
NOT TO SCALE

- NOTES:
1. BOLTED-DOWN RIM & COVER ARE REQUIRED, SEE CITY OF MEMPHIS DESIGN STANDARD SST-8.



LARGE DIA. PIPE BEDDING (36" & LARGER)
NOT TO SCALE



CONCRETE PIPE ENCASEMENT
NOT TO SCALE

D1.3



DIVISION OF ENGINEERING
SARP10
BELLEVUE EQ. BASIN & GRAVITY
SEWER IMPROVEMENTS
DETAILS

LOCATION: BELLEVUE PARKWAY
MEMPHIS, TENNESSEE

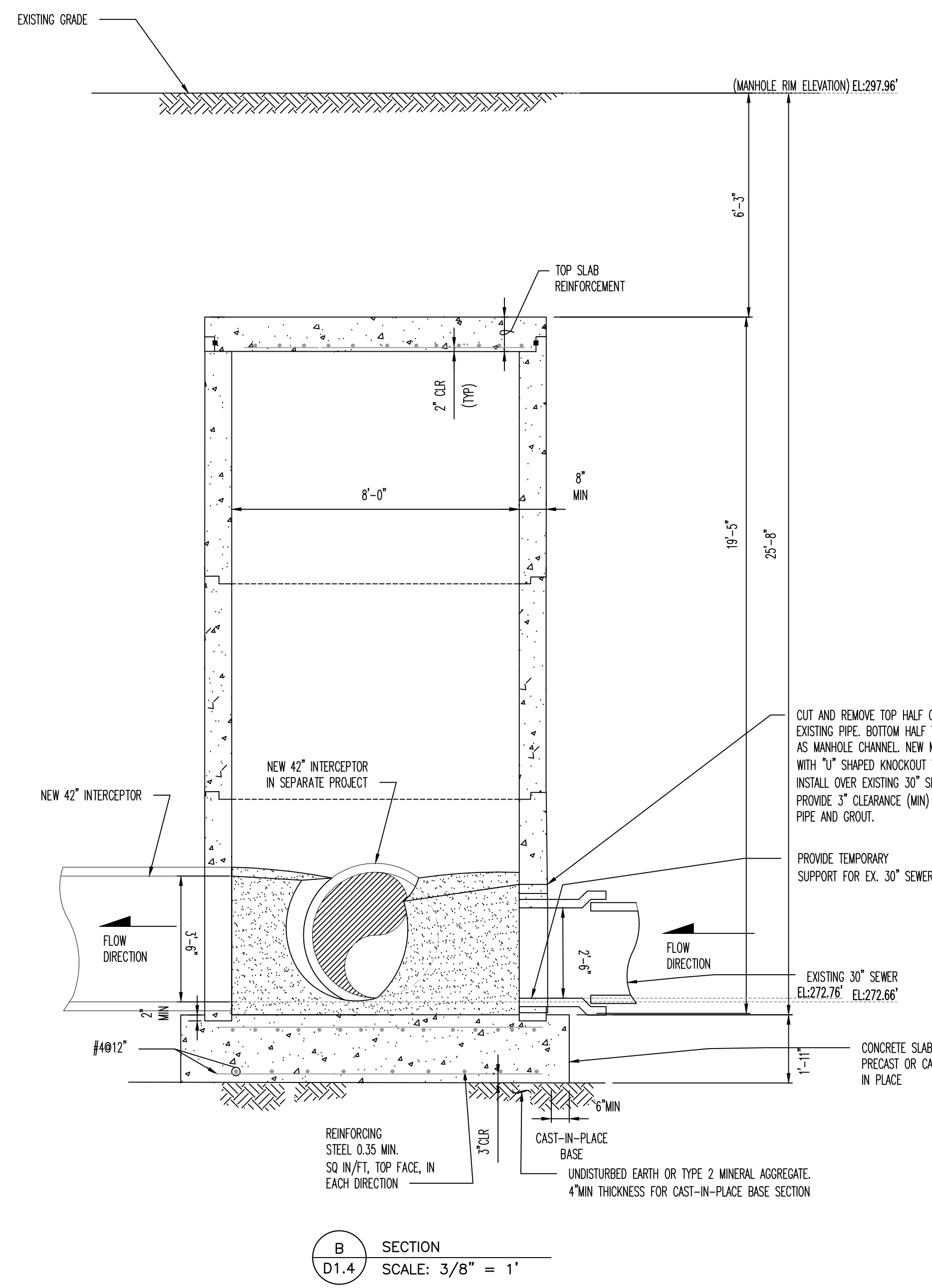
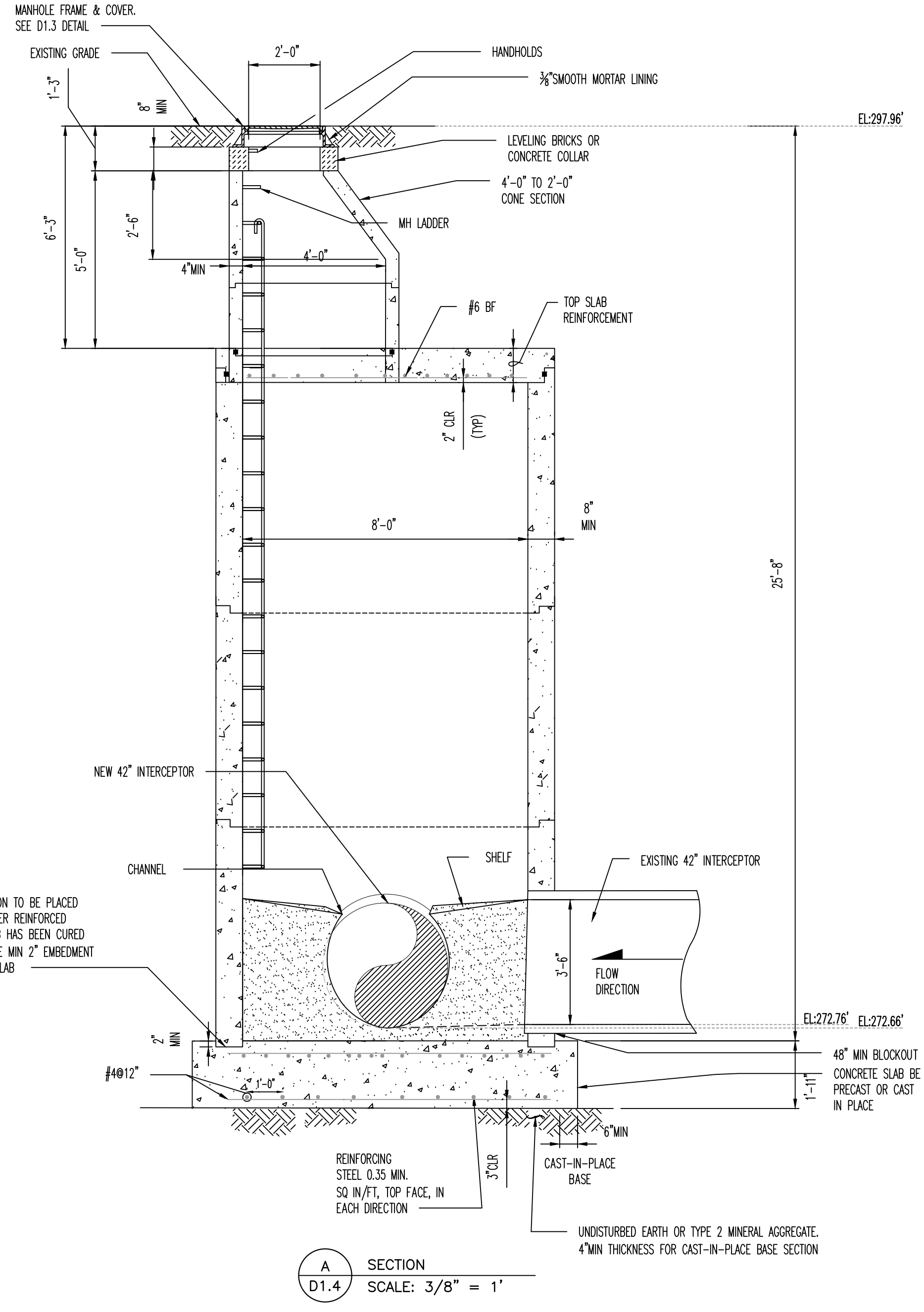
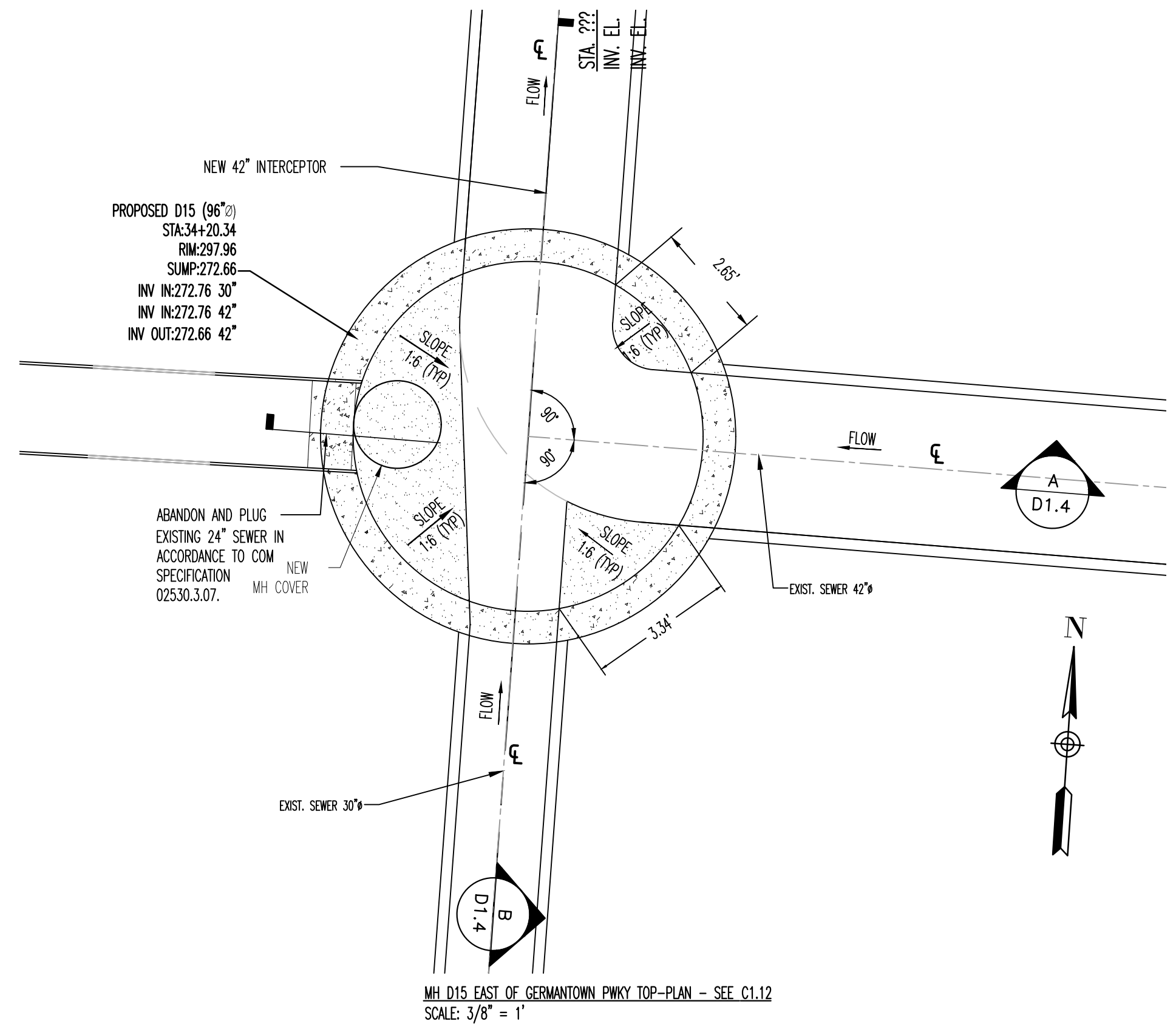
SURVEY: GEODESY DATE: 4/5/2021 BOOK: _____
DRAWN: ABES DATE: 1/28/2025 SCALE: AS SHOWN
DESIGN: ABES DATE: 1/28/2025 CHECKED: _____ DATE: _____

REVIEWED _____

DEPUTY CITY ENGINEER	DATE	CITY ENGINEER	DATE
BASIN NO.	FILE FOLDER	SHEET NUMBER	

ITEM	DESCRIPTION	APPROVED

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- NOTES:
- MATERIALS: CONCRETE CLASS 4000 REINFORCING STEEL ASTM A615 GRADE 60 MIN.
 - PRECAST MANHOLE COMPONENTS MUST CONFORM TO ASTM C478. JOINTS BETWEEN PRECAST SECTIONS MUST BE RUBBER CASKETING CONFORMING TO ASTM C443.
 - MINIMUM REQUIRED SOIL BEARING 3000 LBS/SQ FT.
 - MAX. HOLE SIZE MUST BE O.D. OF PIPE PLUS 6 INCHES. MIN. HOLE SIZE MUST BE O.D. OF PIPE PLUS 3 INCHES. MIN. CLEAR DISTANCE BETWEEN HOLES IS 8 INCHES.
 - CONTRACTOR TO SUBMIT TEMPORARY BYPASS PLAN IN ACCORDANCE WITH COM SPECIFICATION 02531.3.11. FOR BYPASS OF EXISTING 24" GRAVITY SEWER.
 - THIS DETAIL IS A MODIFICATION OF COM STD PLAN SST-7 WITH A "U" SHAPED MANHOLE BREAKOUT TO INSTALL OVER EXISTING 24" GRAVITY SEWER WITH 3" CLEARANCE (MIN).
 - OUTSIDE COATING OF MANHOLE SHALL BE WITH ASPHALTIC BLACK. METHOD OF APPLICATION SHALL BE PERFORMED BY BRUSH OR BY LOW PRESSURE SPRAYER.

SEWER BASIN WN-10
SHEET 2 OF 2

D1.4

DIVISION OF ENGINEERING
SARP10
BELLEVUE EQ. BASIN & GRAVITY SEWER IMPROVEMENTS
DETAILS

LOCATION: BELLEVUE PARKWAY
MEMPHIS, TENNESSEE

SURVEY: GEODESY DATE: 4/5/2021 BOOK: _____
DRAWN: ABES DATE: 1/28/2025 SCALE: AS SHOWN
DESIGN: ABES DATE: 1/28/2025 CHECKED: _____ DATE: _____

REVIEWED

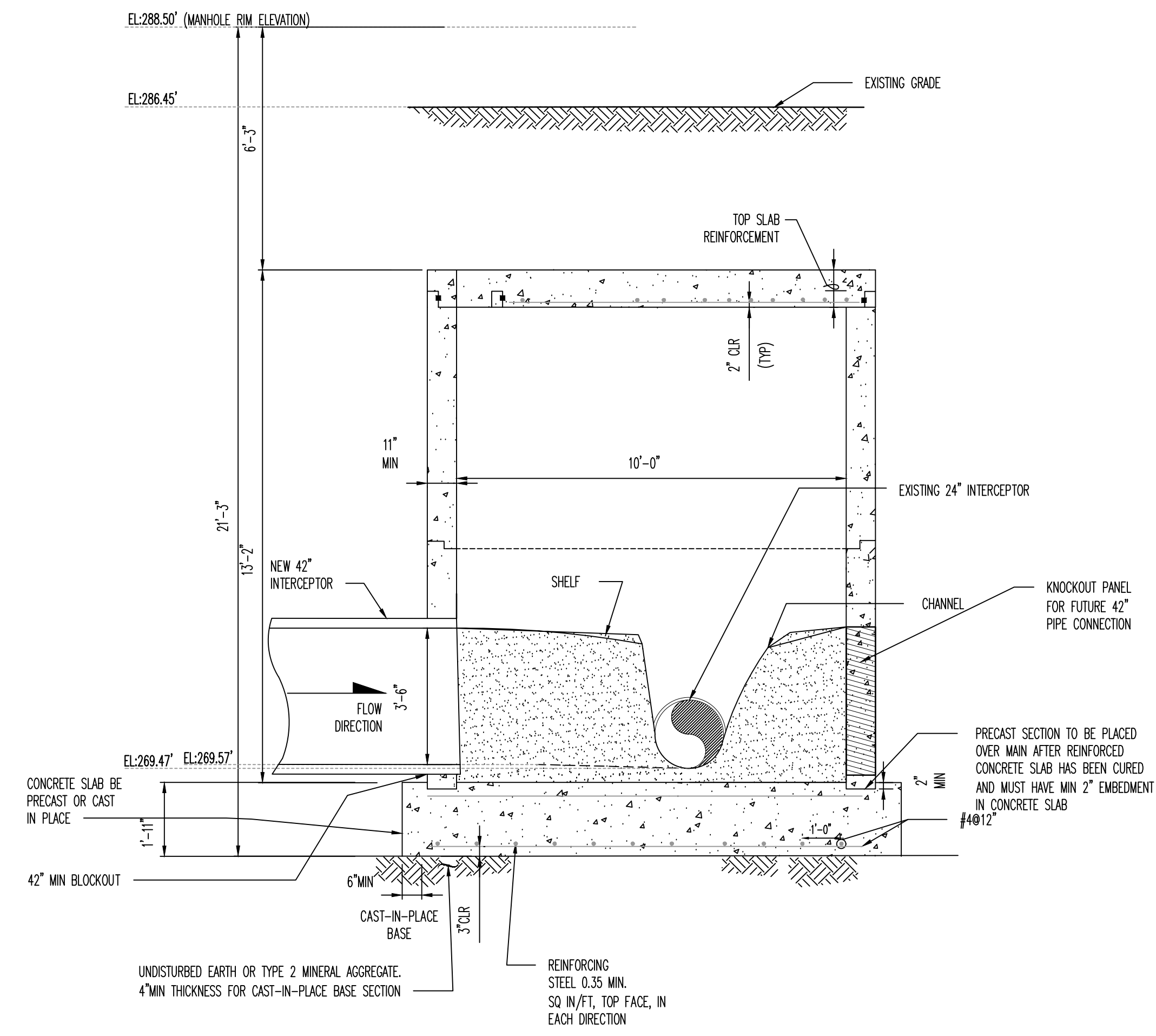
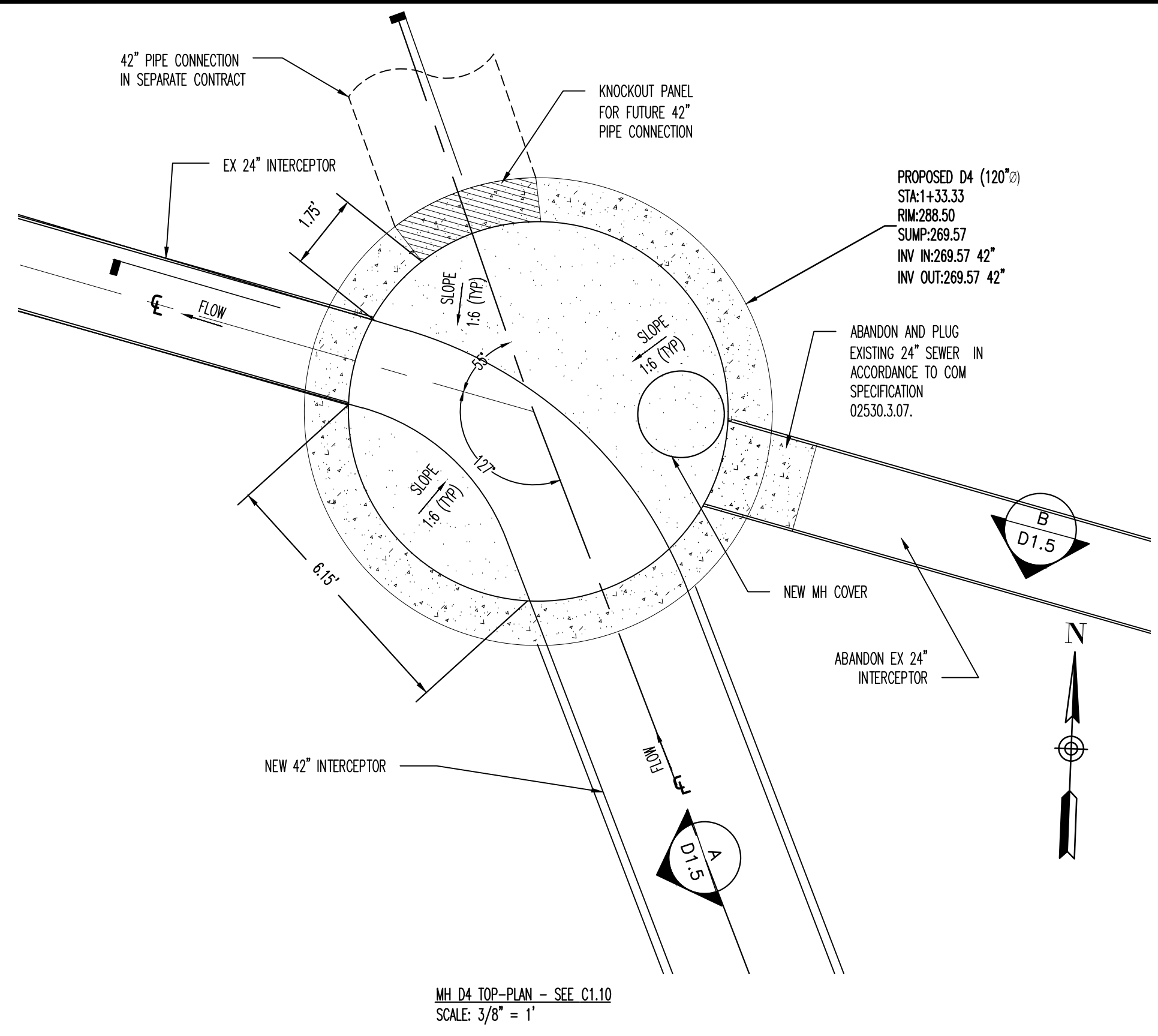
DEPUTY CITY ENGINEER DATE CITY ENGINEER DATE

BASIN NO.	FILE FOLDER	SHEET NUMBER
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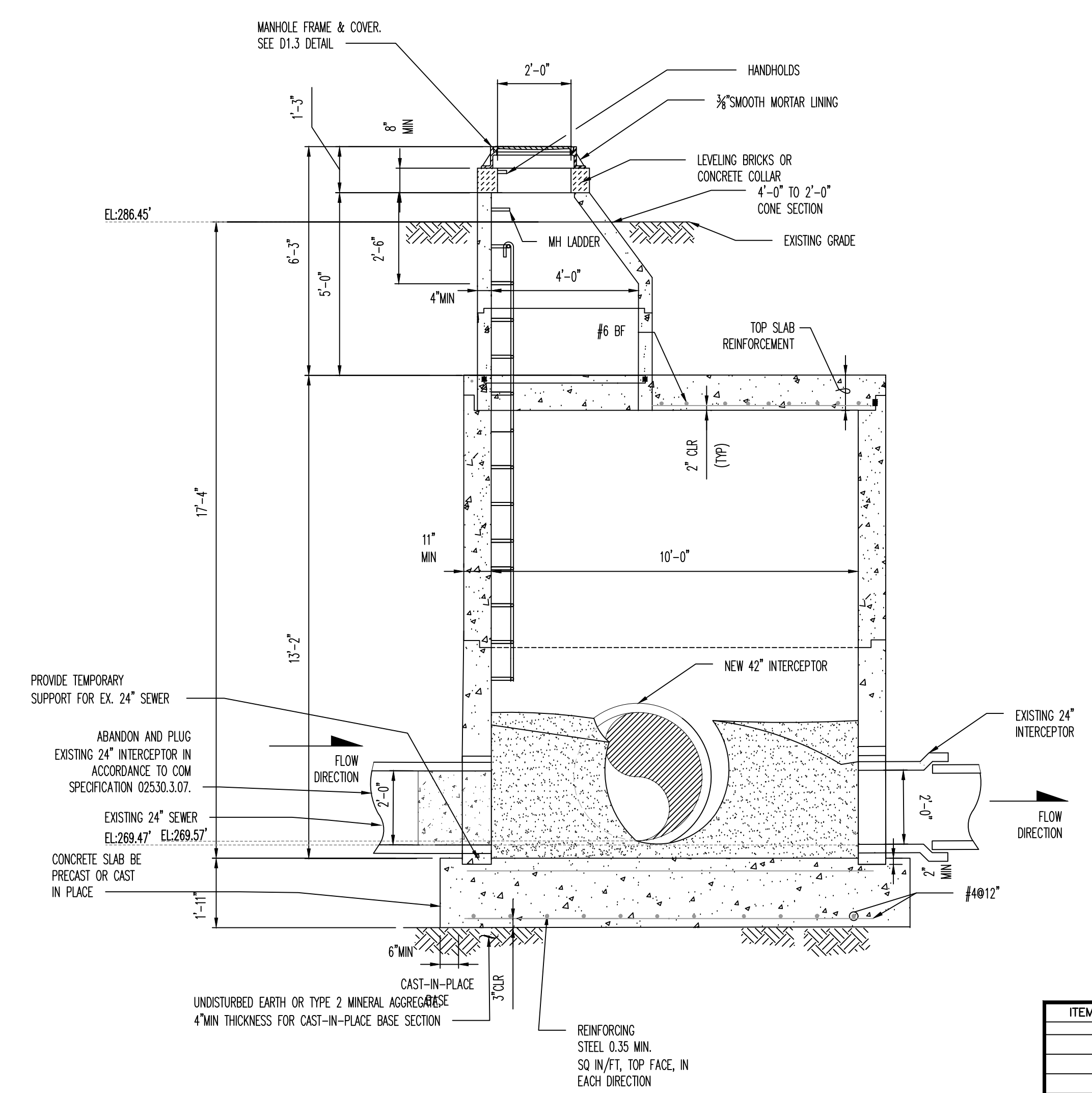


ITEM	DESCRIPTION	APPROVED

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A SECTION
D1.5 SCALE: 3/8" = 1'



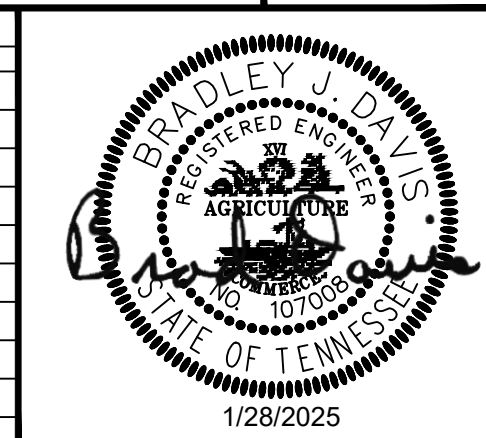
B SECTION
D1.5 SCALE: 3/8" = 1'

- NOTES:**
1. MATERIALS: CONCRETE CLASS 4000 REINFORCING STEEL ASTM A615 GRADE 60 MIN.
 2. PRECAST MANHOLE COMPONENTS MUST CONFORM TO ASTM C478. JOINTS BETWEEN PRECAST SECTIONS MUST BE RUBBER CASKETING CONFORMING TO ASTM C443.
 3. MINIMUM REQUIRED SOIL BEARING 3000 LBS/SQ FT.
 4. MAX. HOLE SIZE MUST BE O.D. OF PIPE PLUS 6 INCHES. MIN HOLE SIZE MUST BE O.D. OF PIPE PLUS 3 INCHES. MIN. CLEAR DISTANCE BETWEEN HOLES IS 8 INCHES.
 5. CONTRACTOR TO SUBMIT TEMPORARY BYPASS PLAN IN ACCORDANCE WITH COM SPECIFICATION 02531.3.11. FOR BYPASS OF EXISTING 24" GRAVITY SEWER.
 6. THIS DETAIL IS A MODIFICATION OF COM STD PLAN SST-7 WITH A "U" SHAPED MANHOLE BREAKOUT TO INSTALL OVER EXISTING 24" GRAVITY SEWER WITH 3" CLEARANCE (MIN.).
 7. OUTSIDE COATING OF MANHOLE SHALL BE WITH ASPHALTIC BLACK. METHOD OF APPLICATION SHALL BE PERFORMED BY BRUSH OR BY LOW PRESSURE SPRAYER.

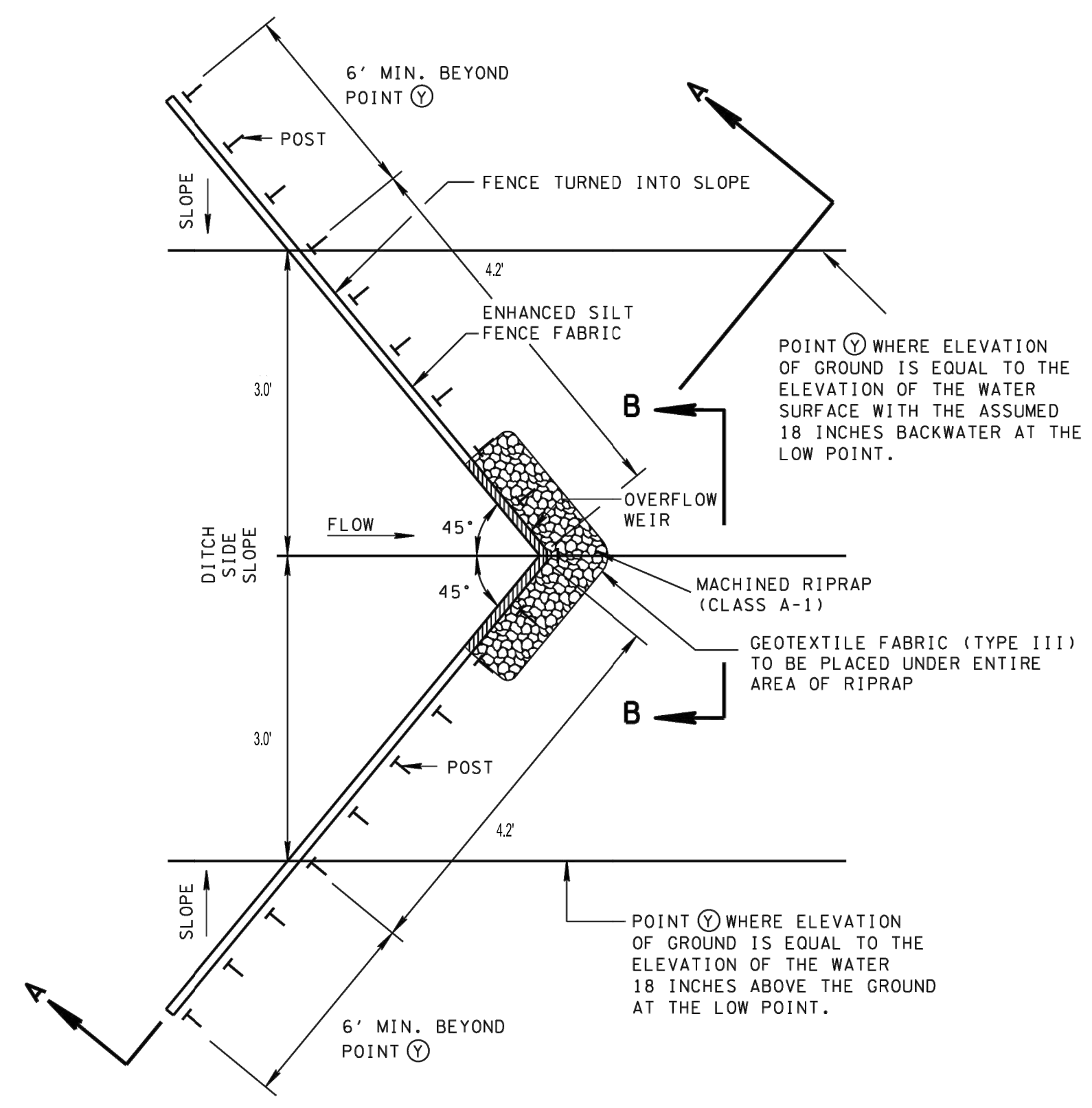
SEWER BASIN WN-10
SHEET 3 OF 3

D1.5

DIVISION OF ENGINEERING SARP 10			
BELLEVUE EQ. BASIN & GRAVITY SEWER IMPROVEMENTS DETAILS			
LOCATION: BELLEVUE PARKWAY MEMPHIS, TENNESSEE			
SURVEY: GEODESY	DATE: 4/5/2021	BOOK: _____	
DRAWN: ABES	DATE: 1/28/2025	SCALE: AS SHOWN	
DESIGN: ABES	DATE: 1/28/2025	CHECKED: _____	DATE: _____
REVIEWED			
DEPUTY CITY ENGINEER	DATE	CITY ENGINEER	DATE
BASIN NO.	FILE FOLDER	SHEET NUMBER	

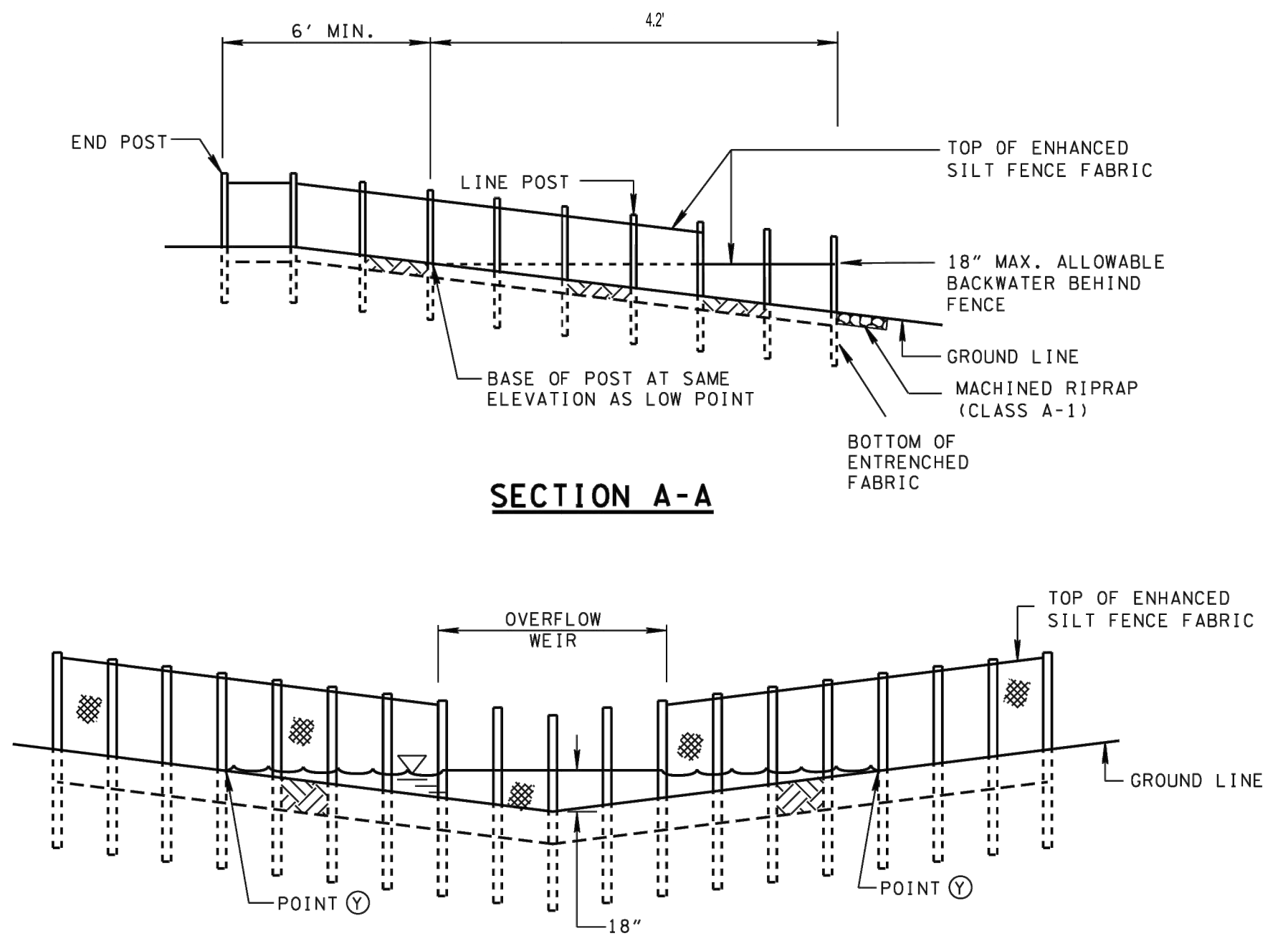


ITEM	DESCRIPTION	APPROVED



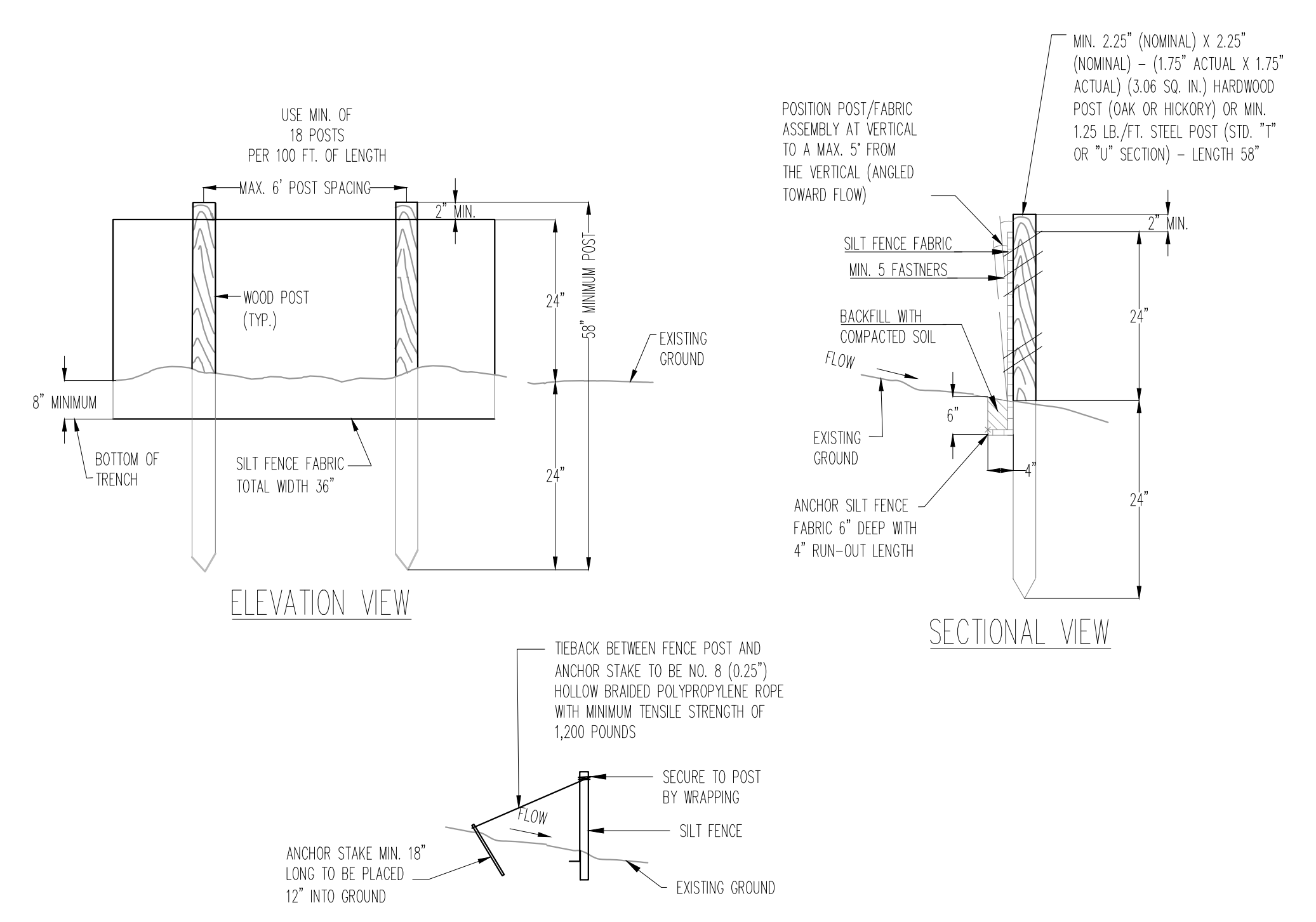
PLAN VIEW

01 ENHANCED SILT FENCE CHECK (V-DITCH) DETAIL
D1.6 NOT TO SCALE



SECTION A-A

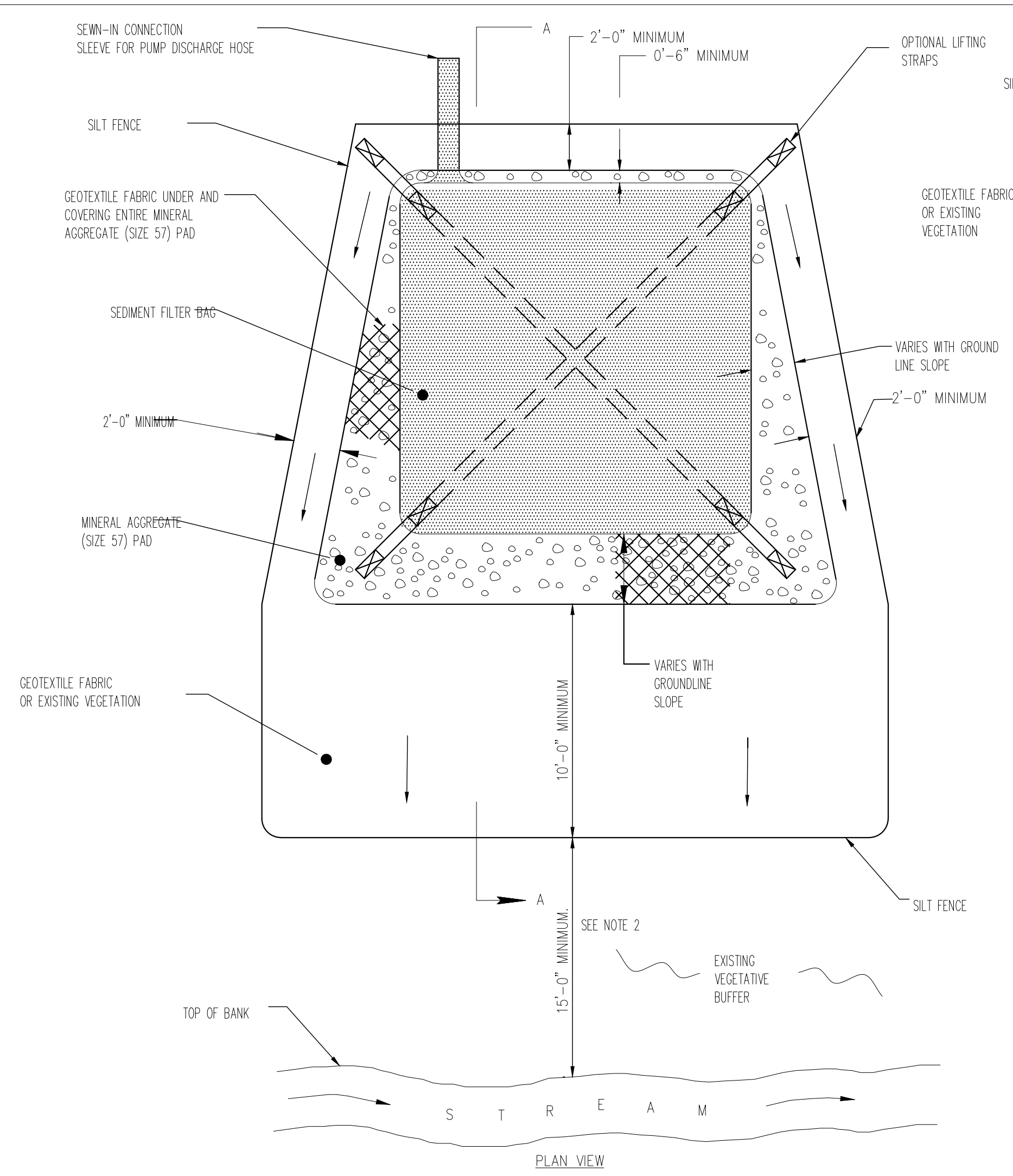
ELEVATION VIEW B-B



ELEVATION VIEW

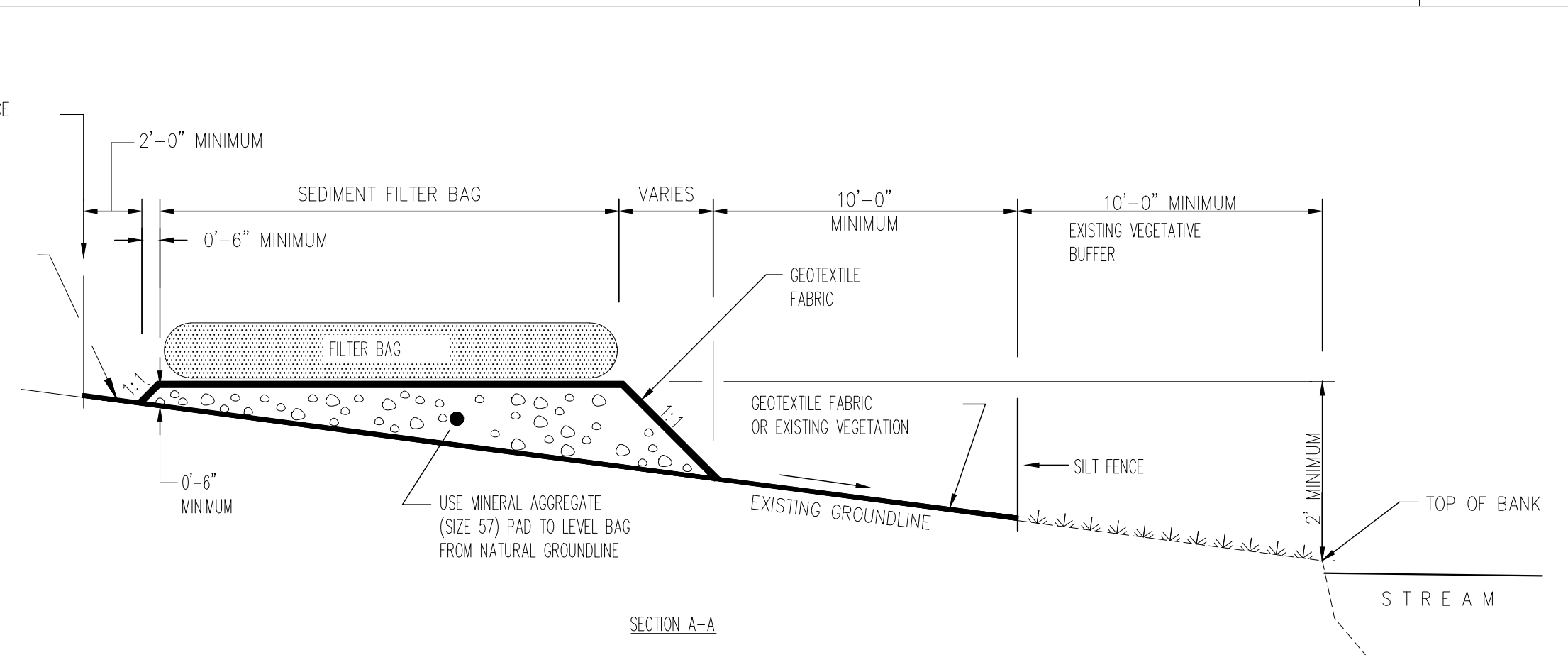
SECTIONAL VIEW

02 SILT FENCE TIEBACK FOR STEEL POSTS OR WOOD POSTS
D1.6 NOT TO SCALE



PLAN VIEW

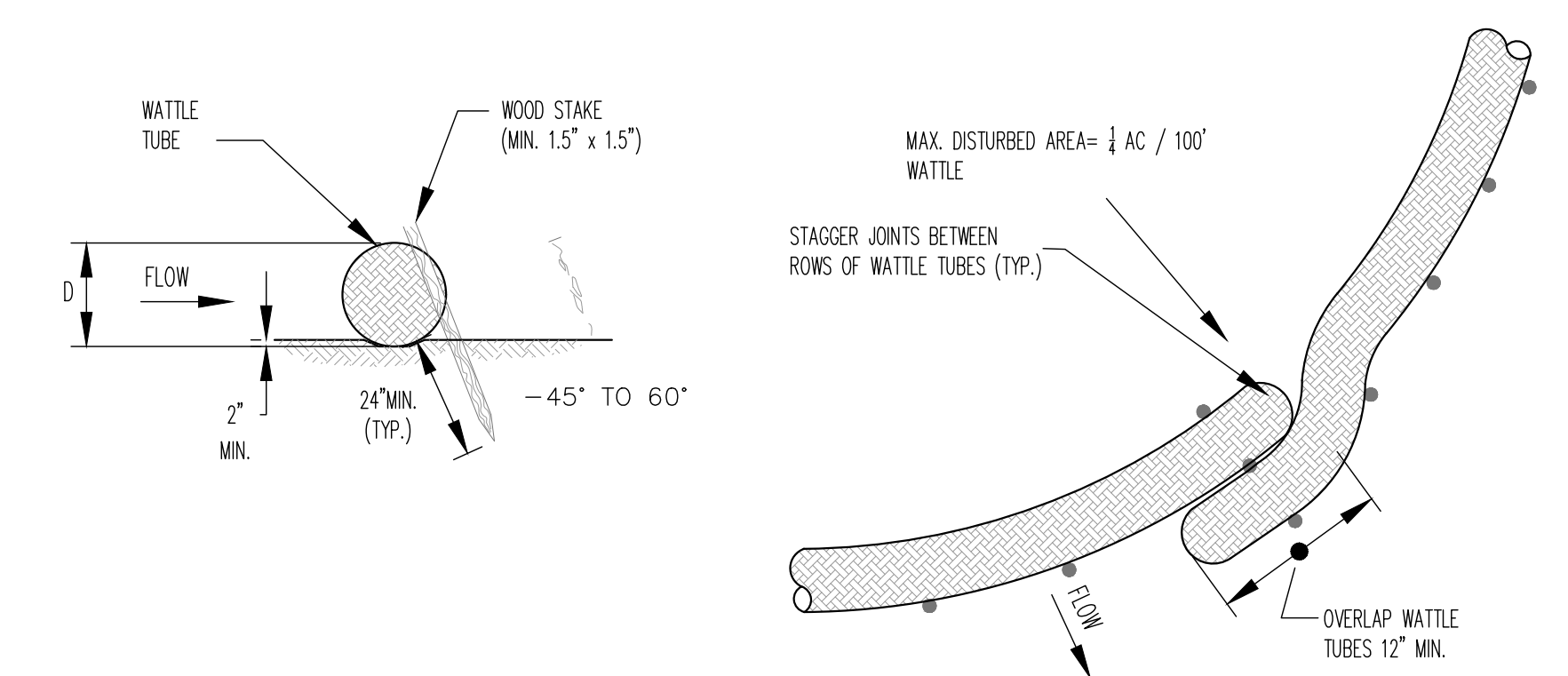
03 SEDIMENT FILTER BAG
D1.6 NOT TO SCALE



SECTION A-A

NOTES:

- ATTEMPTS SHOULD BE MADE TO PROVIDE THE DESIRABLE WIDTH AT ALL SITES. THE AVERAGE WIDTH OF THE BUFFER STRIP MAY BE USED WHEN CALCULATING THE DESIRABLE WIDTH.
- SEDIMENT FILTER BAG INSTALLATION, INCLUDING DOWNSLOPE GEOTEXTILE AND SILT FENCE WITH WIRE BACKING SHOULD NOT BE PLACED WITHIN A JURISDICTIONAL WETLAND OR WITHIN 15 FEET (30 FEET DESIRABLE) OF A STABILIZED OUTLET, STREAM, OR OTHER NATURAL WATER RESOURCE. WHEN DISCHARGING TO SEDIMENT-IMPAIRED STREAMS OR EXCEPTIONAL TENNESSEE WATERS, THE BUFFER SHALL BE A MINIMUM OF 30 FEET WITH A DESIRABLE WIDTH OF 60 FEET. BUFFER REQUIREMENT DOES NOT APPLY TO ANY LOCATION ON SITE WITH A VALID ARAP OR EQUIVALENT PERMIT BY FEDERAL AGENCIES.
- THE MATERIAL SHALL BE A NON-WOVEN GEOTEXTILE FABRIC BAG RESISTANT TO ROT, MILDEW, PUNCTURE AND TEARING, WITH A MINIMUM SEAM BREAKING STRENGTH OF 200 LBS. THE SEAMS SHALL DEMONSTRATE LESS ELONGATION AND DEFORMATION OF THE GEOTEXTILE FABRIC.

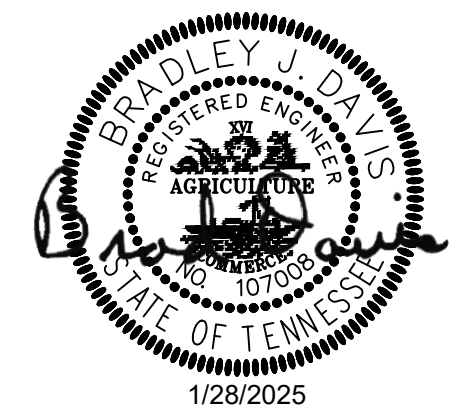


04 STRAW WATTLE DETAIL
D1.6 NOT TO SCALE

SEWER BASIN WN-10
SHEET 1 OF 2

D1.6

ITEM	DESCRIPTION	APPROVED



DIVISION OF ENGINEERING
SARP10
BELLEVUE EQ. BASIN & GRAVITY SEWER IMPROVEMENTS
EROSION PROTECTION & SEDIMENT CONTROL (DETAILS)
LOCATION: BELLEVUE PARKWAY
MEMPHIS, TENNESSEE

SURVEY: GEODESY DATE: 4/5/2021 BOOK: _____
DRAWN: ABES DATE: 1/28/2025 SCALE: AS SHOWN
DESIGN: ABES DATE: 1/28/2025 CHECKED: _____ DATE: _____

REVIEWED _____
DEPUTY CITY ENGINEER DATE _____ CITY ENGINEER DATE _____

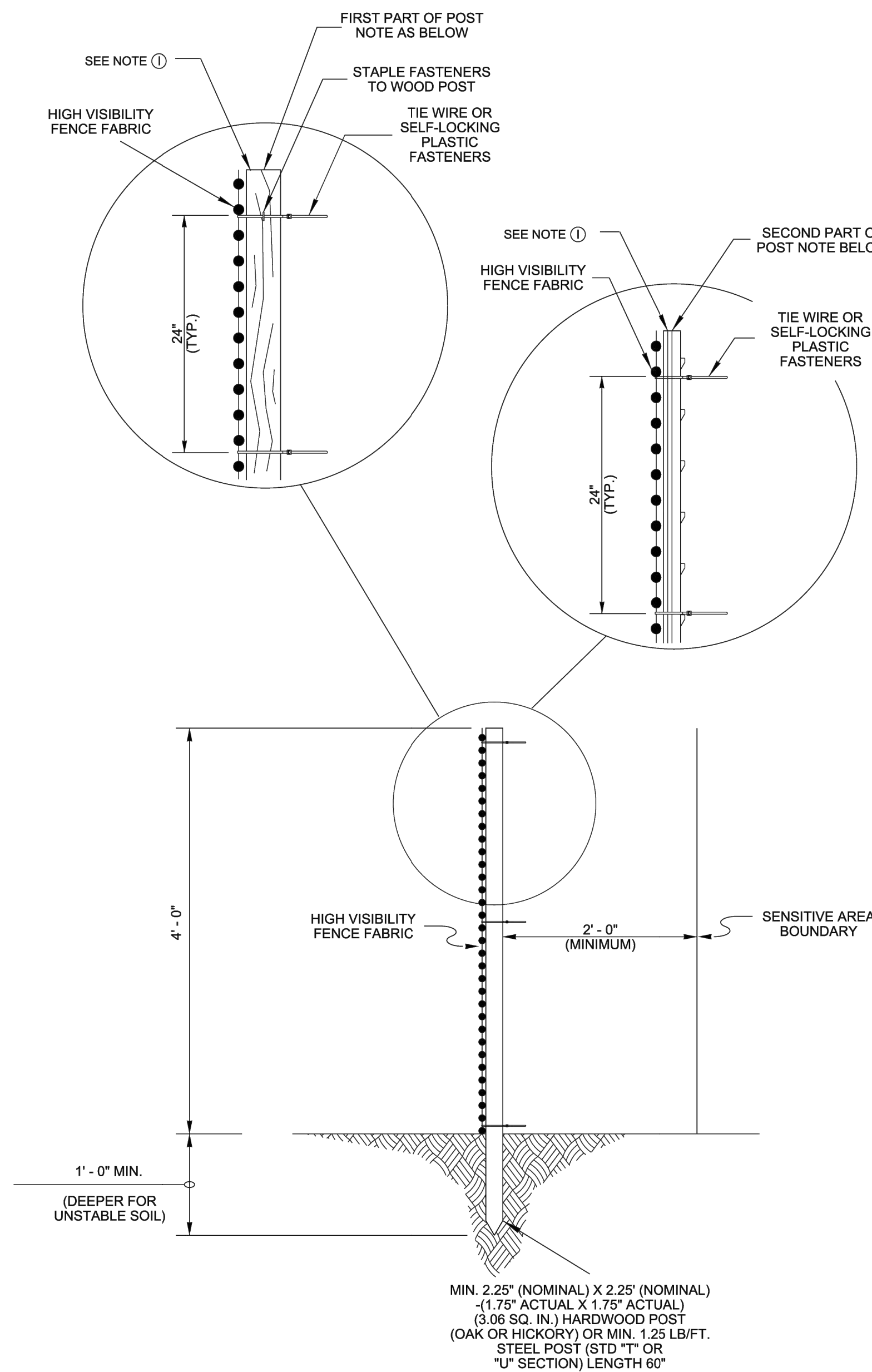
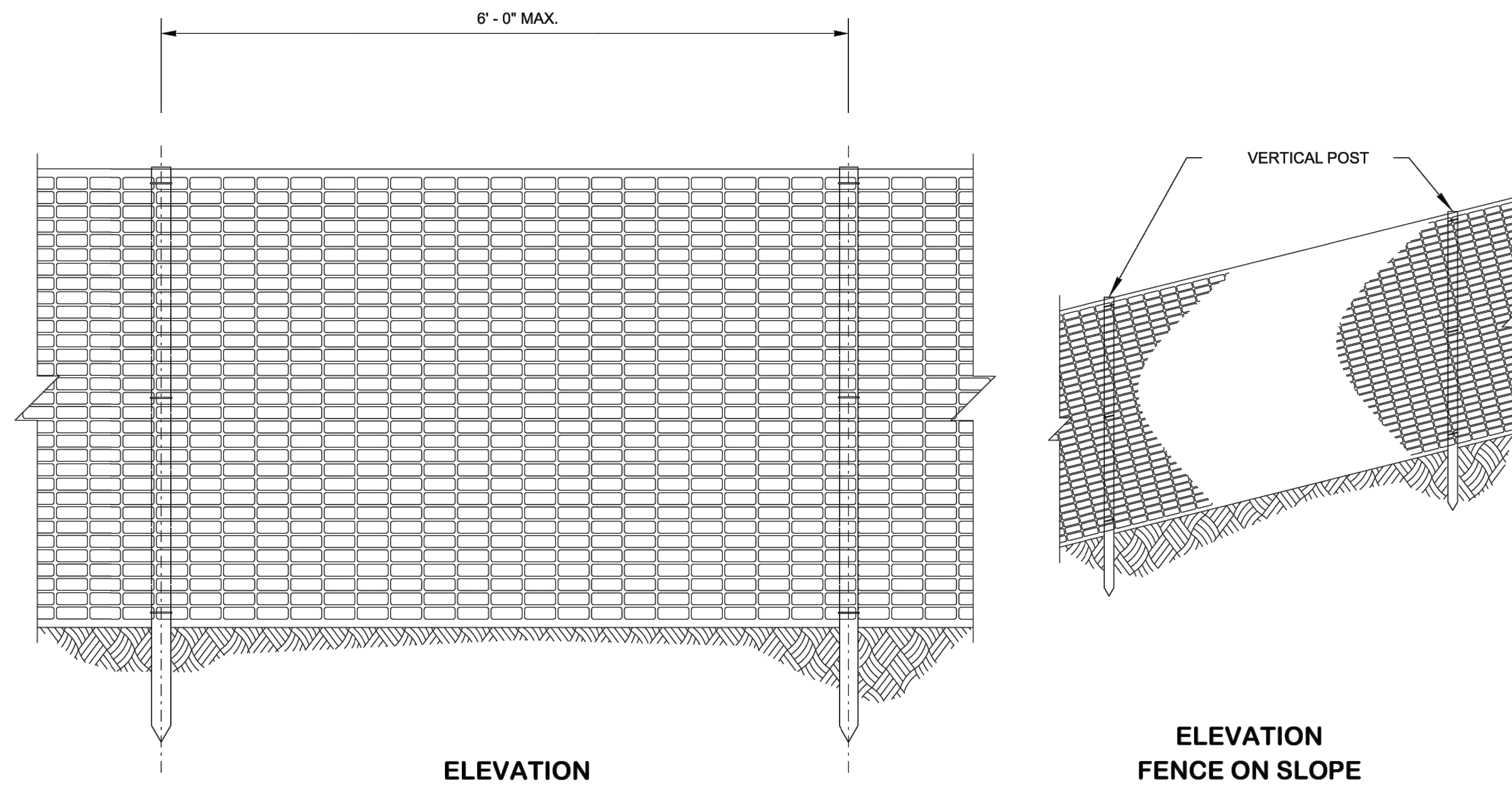
BASIN NO.	FILE FOLDER	SHEET NUMBER

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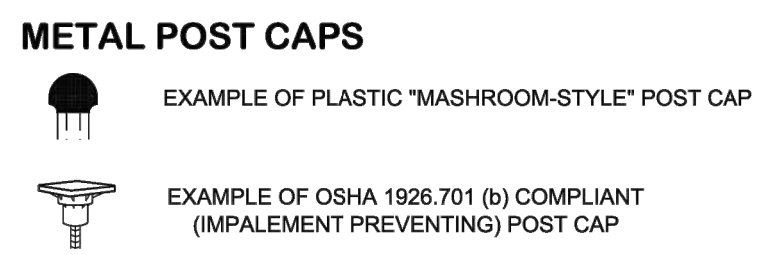
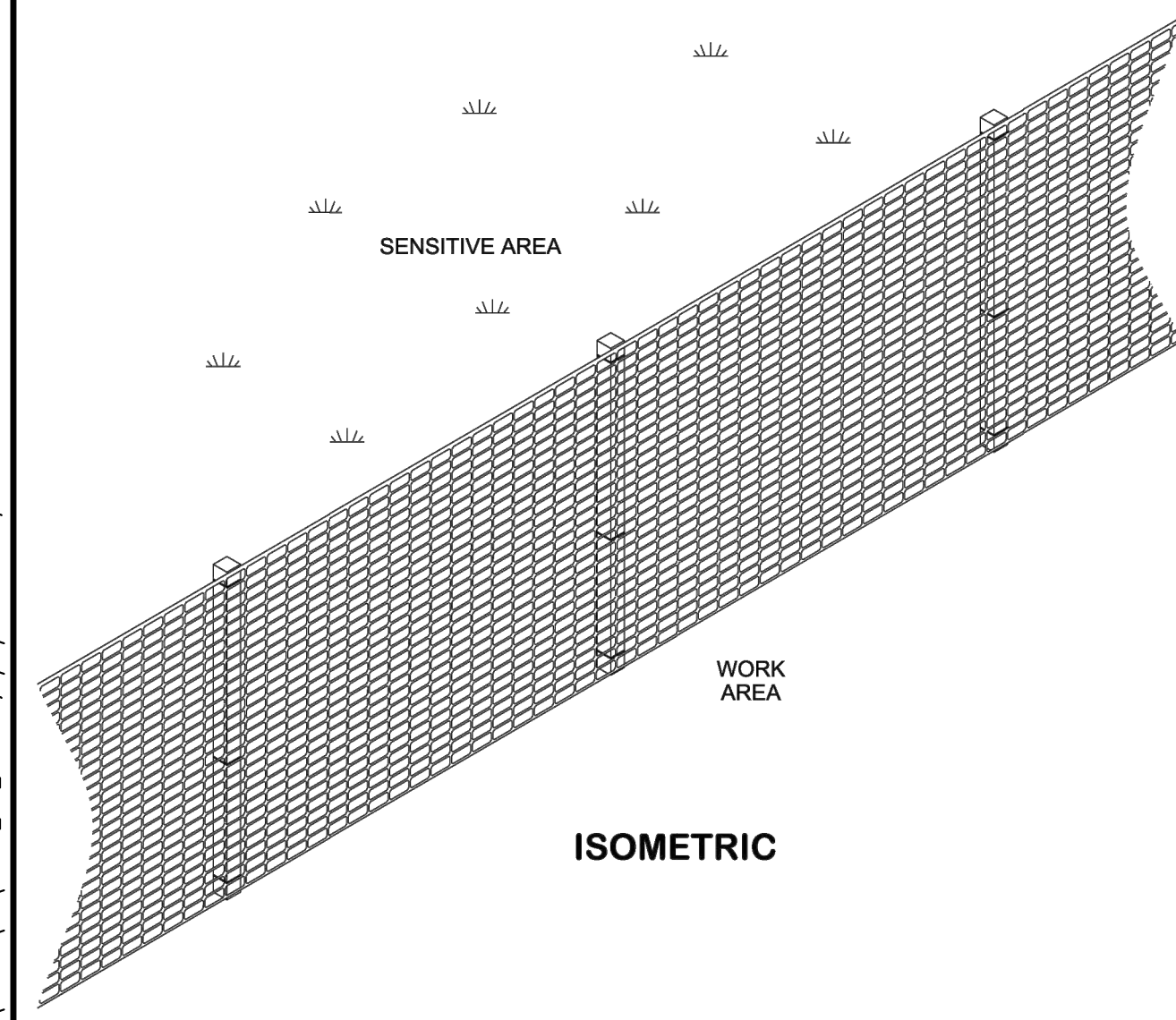
PERMANENT COVER SEEDING MIXTURES			
KIND	GROUP A % BY WEIGHT	GROUP B % BY WEIGHT	GROUP C % BY WEIGHT
LESPEDEZA (COMMON OR KOREAN)	20	-	-
SERICA LESPEDEZA	15	-	50
KY. 31 FESCUE	40	55	30
ENGLISH RYE	15	20	15
WHITE DUTCH CLOVER	5	5	5
WEEPING LOVE GRASS	5	5	-
REDTOP	-	15	-
TOTAL	100	100	100

TIME OF SOWING & SEEDING MIXTURE REQUIRED	
FEBRUARY 1 TO AUGUST 1	USE GROUP A ONLY
MONTH OF AUGUST ONLY	USE EITHER GROUP A OR GROUP B
SEPTEMBER 1 TO DECEMBER 1	USE GROUP B ONLY
DECEMBER 1 TO FEBRUARY 1	DO NOT SOW ANY SEED
FEBRUARY 1 TO DECEMBER 1	USE GROUP C ONLY WHEN SPECIFIED ON PLANS OR CONTRACT DOCUMENTS

03 COVER SEEDING MIXTURE
D1.7 NOT TO SCALE



- GENERAL NOTES**
- (A) HIGH VISIBILITY FENCE IS INTENDED TO BE PLACED TO PREVENT DISTURBANCE OF SENSITIVE AREAS, THEIR BUFFERS, AND OTHER AREAS REQUIRED TO BE LEFT UNDISTURBED DURING CONSTRUCTION. IT MAY ALSO BE USED TO MARK APPROVED CLEARING LIMITS AND TO CONTROL VEHICLE ACCESS TO AND ON THE PROJECT SITE.
 - (B) HIGH VISIBILITY FENCE FABRIC SHALL BE MACHINED PRODUCED ORANGE COLORED MESH MANUFACTURED FROM POLYPROPYLENE OR POLYETHYLENE. IT SHALL BE FULLY STABILIZED ULTRAVIOLET RESISTANT.
 - (C) HIGH VISIBILITY FENCE FABRIC MAY BE MADE FROM RECYCLED MATERIALS. MATERIALS SHALL NOT CONTAIN BIODEGRADABLE FILLER MATERIALS THAT CAN DEGRADE THE PHYSICAL OR CHEMICAL CHARACTERISTICS OF THE FINISHED FABRIC.
 - (D) HIGH VISIBILITY FENCE FABRIC SHALL HAVE A MINIMUM 4 FOOT WIDTH AND SHALL BE FURNISHED IN ONE CONTINUOUS WIDTH AND SHALL NOT BE SPLICED TO CONFORM TO THE SPECIFIED WIDTH DIMENSION.
 - (E) STEEL POST SHALL BE ROLLED FROM HIGH CARBON STEEL AND SHALL HAVE A MINIMUM WEIGHT OF 1.25 LB/FT. POST SHALL BE HOT-DIPPED GALVANIZED OR PAINT. STEEL POST MAY BE EQUIPPED WITH AN ANCHOR PLATE HAVING A MINIMUM AREA OF 14 SQUARE INCHES. IF POSTS ANCHOR PLATES USED THEY SHALL CONFORM TO THE REQUIREMENTS OF ASTM A702.
 - (F) HIGH VISIBILITY FENCE FABRIC SHALL BE FASTENED TO THE POST USING TIE WIRE OR SELF-LOCKING PLASTIC FASTENERS WITH A MAXIMUM FASTENERS SPACING OF 2 FEET. WHEN WOOD POSTS ARE USED THE FASTENERS SHALL BE STAPLED TO THE POST.
 - (G) HIGH VISIBILITY FENCE THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED AT THE CONSTRUCTORS EXPENSE ON THE SAME DAY THE DAMAGE OCCURS.
 - (H) HIGH VISIBILITY FENCE SHALL BE PAID FOR UNDER THE FOLLOWING ITEM NUMBER:
707-08.11 HIGH VISIBILITY CONSTRUCTION FENCE, L.F.
PAYMENT SHALL INCLUDE ALL MATERIALS AND LABOR NECESSARY FOR CONSTRUCTION MAINTENANCE, AND REMOVAL OF HIGH VISIBILITY FENCE.
 - (I) OSHA 1926.701(B) COMPLIANT (IMPALEMENT PREVENTING) POST CAPS SHALL BE REQUIRED FOR ANY METAL POST ABOVE WHICH PEOPLE MAY BE WORKING AND THE RISK OF FALLING DOWN ONTO THE POST IS PRESENT. REGARDLESS OF HOW HIGH THE POST STICKS UP OUT OF THE GROUND, PLASTIC "MUSHROOM-STYLE" POST CAPS SHALL BE REQUIRED FOR ANY METAL POST WITH AN INSTALLED HEIGHT LESS THAN 36" ABOVE THE GROUND AND WHEN THERE ARE NO WORKERS CONDUCTING WORK ABOVE THE POSTS. NO CAPS SHALL BE REQUIRED FOR METAL POSTS WITH AN INSTALLED HEIGHT OF 36" OR GREATER AND WHEN THERE ARE NO WORKERS CONDUCTING WORK ABOVE THE POSTS. ALL CAPS SHALL BE ORANGE OR YELLOW TO ENHANCE VISIBILITY. WHEN REQUIRED, PAYMENT OF POST CAPS SHALL BE INCLUDED IN THE TOTAL COST OF HIGH VISIBILITY FENCE.



02 CONSTRUCTION FENCE DETAIL
D1.7 NOT TO SCALE

SEWER BASIN WN-10
SHEET 2 OF 2

ITEM	DESCRIPTION	APPROVED



D1.7

DIVISION OF ENGINEERING
SARP10
BELLEVUE EQ. BASIN & GRAVITY
SEWER IMPROVEMENTS
EROSION PROTECTION & SEDIMENT CONTROL (DETAILS)

LOCATION: BELLEVUE PARKWAY
MEMPHIS, TENNESSEE

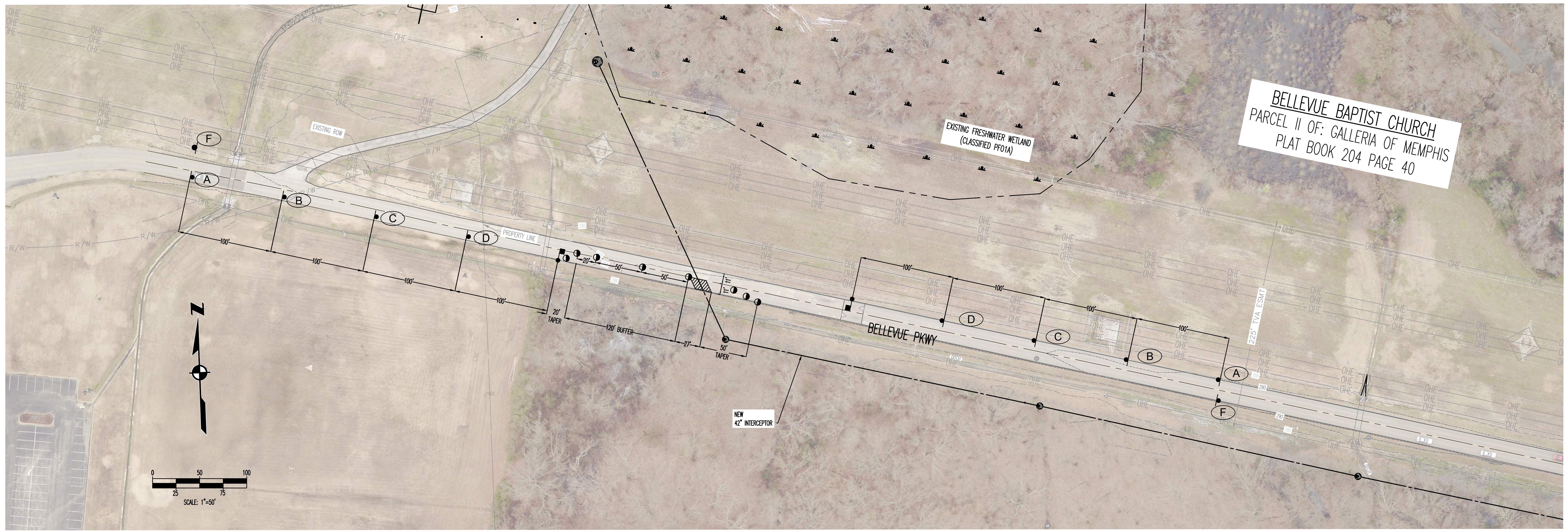
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DRAWN: ABES DATE: 1/28/2025 SCALE: AS SHOWN
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DEPUTY CITY ENGINEER DATE _____ CITY ENGINEER DATE _____

BASIN NO. _____ FILE FOLDER _____ SHEET NUMBER _____

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BELLEVUE BAPTIST CHURCH
 PARCEL II OF: GALLERIA OF MEMPHIS
 PLAT BOOK 204 PAGE 40

EXISTING FRESHWATER WETLAND
 (CLASSIFIED PF01A)

BELLEVUE PKWY TCP (PHASE 1)
 SCALE: 1" = 50'

TRAFFIC CONTROL PLAN NOTES

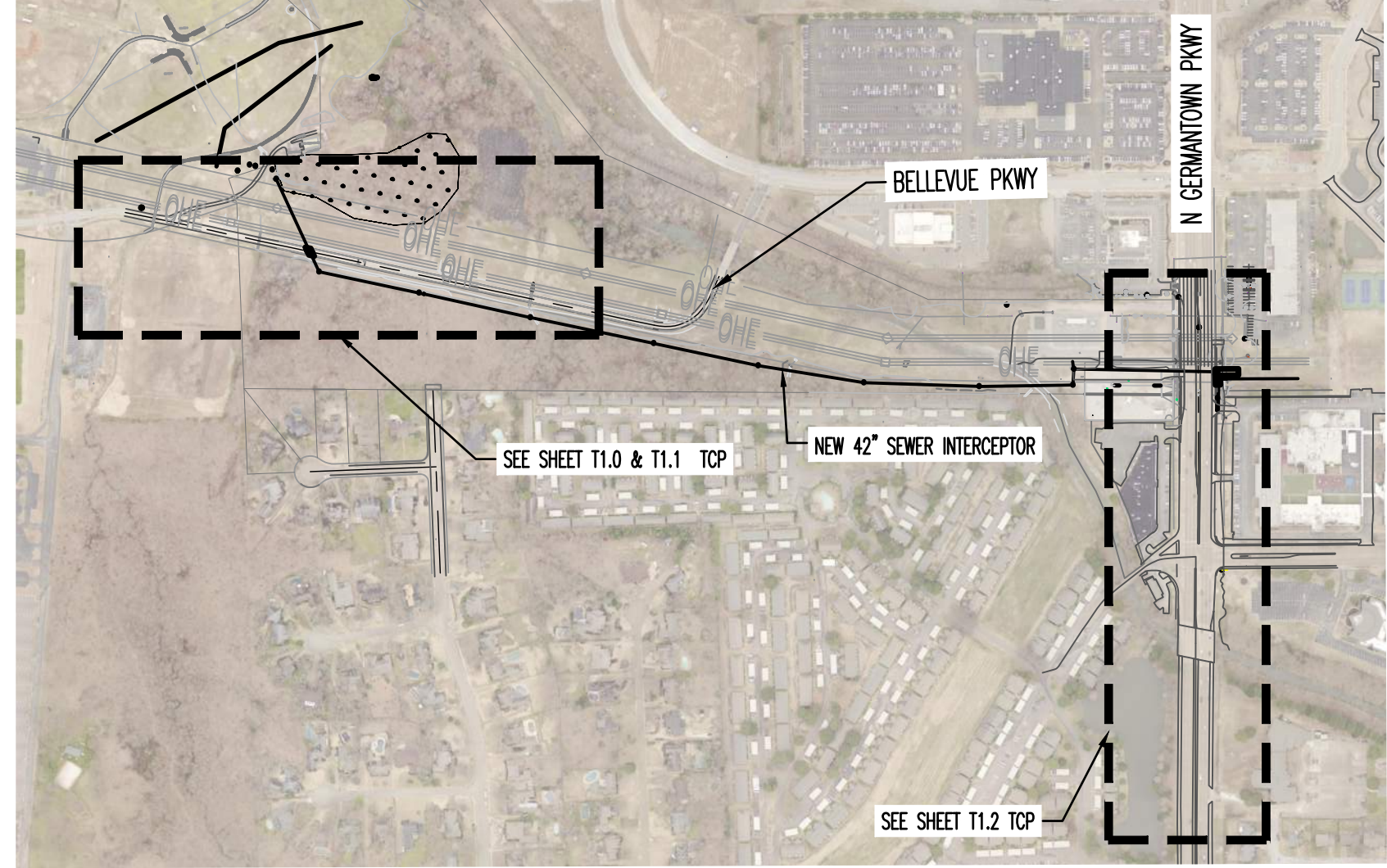
- SEE SECTION 6F.02 SIGN PLACEMENT, OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) FOR INFORMATION ON PLACEMENT AND MOUNTING OF SIGNS.
- SIGNS SHOWN ON THIS PLAN ARE TO WARN TRAFFIC ABOUT THE CONSTRUCTION. OTHER TRAFFIC CONTROL DEVICES MAY BE REQUIRED DURING VARIOUS PHASES OF CONSTRUCTION.
- NOTHING IN THIS PLAN IS INTENDED TO SUPERSEDE OR RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY OF INSTALLING THE APPROPRIATE TRAFFIC CONTROL DEVICES IN ACCORDANCE WITH THE CURRENT MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS.
- CONTRACTOR SHALL BE REQUIRED TO NOTIFY THE CITY OF MEMPHIS CONSTRUCTION INSPECTION DEPARTMENT (801) 636-2462 AND TRAFFIC ENGINEERING DEPARTMENT (901) 636-6710 A MINIMUM OF 24 HOURS PRIOR TO COMMENCING CONSTRUCTION OR IMPLEMENTING A TRAFFIC CONTROL PLAN. ALL TRAFFIC CONTROL DEVICES MUST BE IN PLACE BEFORE CONSTRUCTION ACTIVITY BEGINS.
- SIZES OF ALL SIGNS SHALL COMPLY WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
- ALL TRAFFIC CONTROL DEVICES AND THEIR INSTALLATION SHALL MEET THE STANDARD PRESCRIBED IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND SHALL COMPLY WITH THE STATE OF TENNESSEE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION SECTION 712 TEMPORARY TRAFFIC CONTROL.
- ACCESS TO ADJACENT PROPERTIES SHALL BE MAINTAINED AT ALL TIMES.
- SIDE STREET, DRIVEWAY ACCESS, AND SAFE PEDESTRIAN WAYS SHALL BE MAINTAINED AT ALL TIMES.
- THE CONTRACTOR SHALL NOT BE PERMITTED TO PARK ANY VEHICLES OR CONSTRUCTION EQUIPMENT DURING PERIODS OF INACTIVITY, WITHIN THE RIGHT-OF-WAY OR WITHIN THIRTY (30) FEET OF THE EDGE OF PAVEMENT WHICHEVER IS LESS, WHEN THE LANE IS OPEN TO TRAFFIC, UNLESS PROTECTED BY GUARDRAIL, BRIDGE RAIL, AND/OR BARRIERS INSTALLED FOR OTHER PURPOSES. PRIVATELY OWNED VEHICLES SHALL NOT BE ALLOWED TO BE PARKED WITHIN THE RIGHT-OF-WAY OR WITHIN THIRTY (30) FEET OF AN OPEN TRAFFIC LANE WHICHEVER IS LESS, AT ANY TIME UNLESS PROTECTED AS DESCRIBED ABOVE.
- CONTRACTOR SHALL USE PLASTIC DRUMS WITH TYPE "A" WARNING LIGHTS TO SEPARATE TRAFFIC FROM THE CONSTRUCTION AREA.
- DRUMS WITH TYPE "K" WARNING LIGHTS SHALL DELINEATE THE EDGE OF PAVEMENT THROUGH THE ENTIRE CONSTRUCTION AREA.
- CONTRACTOR SHALL COVER ALL EXISTING SIGNS THAT CONFLICT WITH THE TRAFFIC CONTROL PLAN SIGNS OR DEVICES DURING CONSTRUCTION AND THEY SHALL REMAIN COVERED DURING CONSTRUCTION AND UNTIL SUCH TIME THAT NO CONFLICT EXISTS.
- CONTRACTOR SHALL INSTALL TEMPORARY NO PARKING SIGNS AS REQUIRED WITHIN THE TRAFFIC CONTROL AREA.
- WORK WITHIN THE ROADWAY DURING DIFFERENT PHASES OF CONSTRUCTION SHALL NOT BE ACTIVE AT THE SAME TIME.
- ONLY ONE PHASE OF THE TRAFFIC CONTROL PLAN SHALL BE ACTIVE AT ANY ONE TIME.
- ALL TEMPORARY OR PERMANENT TRAVELED SURFACE SHALL BE INSPECTED DAILY BY THE CONTRACTOR (INCLUDING WEEKENDS) AND NECESSARY PATCHING OR RE-FINISHING PERFORMED.
- THE CONTRACTOR SHALL CONTACT THE CITY OF MEMPHIS TRAFFIC ENGINEERING DEPARTMENT AT 901-636-6710 AT **LEAST ONE WEEK PRIOR** TO IMPLEMENTING THE TRAFFIC CONTROL PLAN TO DETERMINE FEES ASSOCIATED WITH ANY ENGINEERING PERMITS REQUIRED (I.E. DUMPSTER PERMITS, PARKING METER PERMITS, ETC.).
- CHANNELIZING DEVICES SHALL BE REMOVED TO THE EDGE OF PAVEMENT AT THE END OF EACH WORK DAY. NO CLOSURE SHALL BE IN EFFECT FROM 4:00 P.M. UNTIL 9:00 A.M. TWO (2) FOOT LANES SHALL BE OPEN DURING THIS PERIOD WITH AT LEAST A 4 INCH THICK COMPACTED GRAVEL SURFACE.
- WORK WITHIN THE ROADWAY SHALL BE CONDUCTED BETWEEN 9:00 A.M. AND 4:00 P.M. AND THE ROADWAY SHALL BE COMPLETELY OPEN TO TRAFFIC AT ALL OTHER TIMES AND ALL INAPPROPRIATE SIGNS SHALL BE COVERED OR REMOVED.
- AT NO TIME SHALL ONE LANE SECTION BE LEFT OPEN UNATTENDED. WHERE TWO FLAGGERS ARE REQUIRED AND IN CIRCUMSTANCES WHERE ONLY ONE LANE OF TRAFFIC IS OPEN AND THERE IS NO CLEAR LINE OF SIGHT FROM ONE END OF THE CONSTRUCTION AREA TO THE OTHER, THE CONTRACTOR SHALL PROVIDE RADIO COMMUNICATION OR OTHER APPROPRIATE MEANS OF ESTABLISHING CONTROL OF TRAFFIC.
- CONTRACTOR SHALL CONTACT THE CITY OF MEMPHIS SIGNAL SHOP AT 528-2844 FOR LOCATION OF SIGNAL CONDUIT AND WIRES.
- THE APPROPRIATE TRAFFIC CONTROL SHALL BE INSTALLED AT THE INCEPTION OF EACH STAGE OF CONSTRUCTION AND SHALL BE PROPERLY MAINTAINED AND/OR OPERATED DURING THE TIME SUCH SPECIAL CONDITIONS EXIST. THEY SHALL REMAIN IN PLACE ONLY AS LONG AS THEY ARE NEEDED AND SHALL BE IMMEDIATELY REMOVED THEREAFTER.
- OBSCURED MARKINGS SHALL BE UNDELETABLE AS PRESENT MARKINGS UNDER DAY OR NIGHT, WET OR DRY CONDITIONS. OVERLAYING EXISTING STRIPES WITH BLACK PAINT OR ASPHALT DOES NOT MEET THE REQUIREMENTS OF COVERING, REMOVAL, OR OBLITERATION; HOWEVER, THE USE OF REMOVABLE, NON-REFLECTIVE, PREFORMED TAPE IS PERMITTED WHERE MARKINGS NEED TO BE COVERED TEMPORARILY.
- EXISTING STRIPING THAT CONFLICTS WITH THE TEMPORARY TRAFFIC CONTROL DEVICES SHALL BE COVERED OR REMOVED DURING CONSTRUCTION. WHEN CONSTRUCTION IS COMPLETE THE EXISTING STRIPING SHALL BE RETURNED TO ITS ORIGINAL STATE.
- ALL TRAFFIC CONTROL SIGNS SHALL MEET THE MINIMUM RETRO REFLECTIVITY LEVELS SPECIFIED IN THE CURRENT EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
- THE DEVELOPER SHALL PROVIDE A TRAFFIC CONTROL PLAN TO THE CITY ENGINEER THAT SHOWS THE PHASING FOR EACH STREET FRONTAGE DURING DEMOLITION OR CONSTRUCTION OF CURB, GUTTER AND SIDEWALK. IF A TEMPORARY SIDEWALK IS PROVIDED, IT SHALL BE ADA ACCESSIBLE AND A MINIMUM 5 FEET WIDE PEDESTRIAN PATHWAY.
- ANY CLOSURE OF THE RIGHT OF WAY SHALL BE TIME LIMITED TO THE ACTIVE DEMOLITION OR CONSTRUCTION. CONTINUOUS UNWARRANTED CLOSURE OF THE RIGHT OF WAY SHALL NOT BE ALLOWED FOR THE DURATION OF THE PROJECT. TIME LIMITS WILL BEGIN ON THE DAY OF CLOSURE AND WILL BE MONITORED BY THE ENGINEERING CONSTRUCTION INSPECTORS (801) 636-2462 ON THE JOB.
- ANYTIME A FLAGGER IS NOT PRESENT TO CONTROL TRAFFIC, TWO TRAFFIC LANES MUST BE OPEN TO MAINTAIN TWO-WAY TRAFFIC AND ALL INAPPROPRIATE SIGNS SHALL BE COVERED OR REMOVED.
- ALL FLAGGERS SHALL BE EQUIPPED WITH A STOP/SLOW PADDLE.
- THE CONTRACTOR SHALL NOTIFY MEMPHIS AREA TRANSIT AUTHORITY (MATA) AT 901-722-7100 A MINIMUM OF 48 HOURS PRIOR TO IMPLEMENTING A TRAFFIC CONTROL PLAN.

TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
	WORK ZONE
	FLEXIBLE DRUMS (CHANNELIZING)
	SIGN (CONSTRUCTION)
	FLAGGER

DESIGN SPEED LIMIT: 10 MPH
 DURATION (PHASE 1): 1 MONTH
 DATE: _____

W20-1 48" X 48" A	W20-4 48" X 48" B	W3-4 48" X 48" C	W20-7a 48" X 48" D OPTIONAL	W21-5 48" X 48" E
				G20-2 48" X 24" F

TRAFFIC CONTROL SIGNS

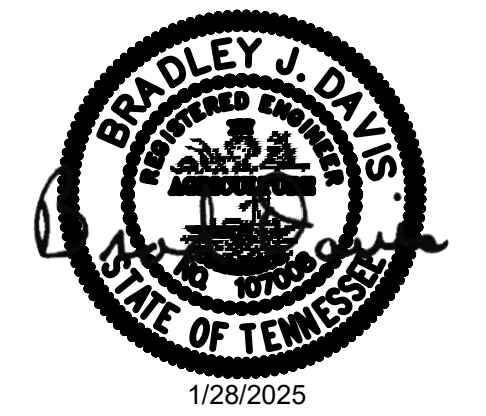


KEY MAP
 SCALE: 1" = 500'

BENCHMARK

BASIS OF ELEVATIONS NAVD 88 CITY 8M235 - LOCATED ON THE SOUTH-EAST CORNER OF GERMANANTOWN PKWY AND CHIMNEYROCK BLVD, AT BACK OF SIDEWALK, ER ON CHIMNEYROCK BLVD. SIDE. ELEV. 296.21
 THESE PREMISES ARE NOT LOCATED WITHIN A "SPECIAL FLOOD HAZARD AREA" AS DEFINED BY NATIONAL FLOOD PROTECTION ACT AS SHOWN ON FIRM MAP 47157C03166 AND 47157C03106, DATED FEBRUARY 06, 2013.

ITEM	DESCRIPTION	APPROVED



SEWER BASIN WN-10
SHEET 1 OF 3

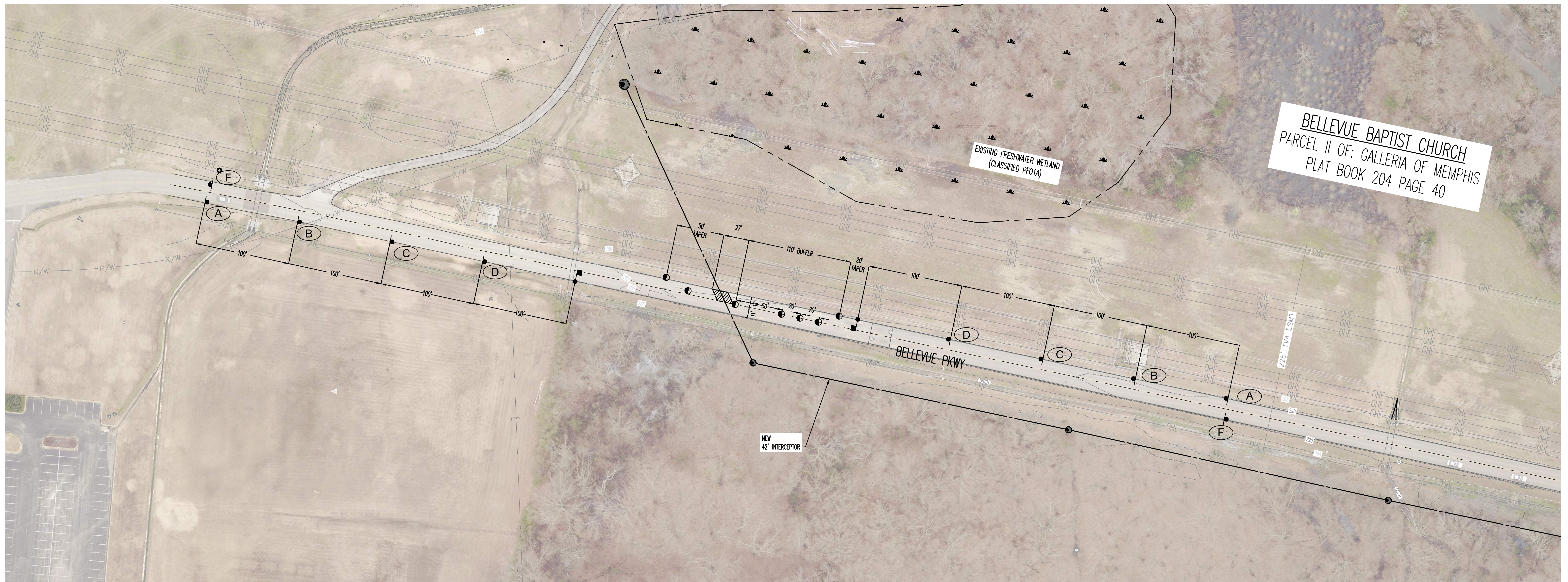
DIVISION OF ENGINEERING
SARP10
BELLEVUE EQ. BASIN & GRAVITY
SEWER IMPROVEMENTS
 TRAFFIC CONTROL PLAN - PHASE 1
 LOCATION: BELLEVUE PARKWAY
 MEMPHIS, TENNESSEE

T1.0

SURVEY: GEODESY DATE: 4/5/2021 BOOK: _____
 DRAWN: ABES DATE: 1/28/2025 SCALE: AS SHOWN
 DESIGN: ABES DATE: 1/28/2025 CHECKED: _____ DATE: _____

REVIEWED _____
 DEPUTY CITY ENGINEER DATE CITY ENGINEER DATE
 BASIN NO. FILE FOLDER SHEET NUMBER

Z:\3\MANUEL_TUOME - ABES PRODUCTION\ACTIVE PROJECTS\080_LDA_ENGINEERING\PM_080-21-001_BELLEVUE EQ WORKINGS\CAD\BIBRD_601_TCP.DWG, 1/27/2025 8:19 PM, NICK WONG



BELLEVUE BAPTIST CHURCH
PARCEL II OF: GALLERIA OF MEMPHIS
PLAT BOOK 204 PAGE 40

BELLEVUE PKWY TCP (PHASE 2)
 SCALE: 1" = 50'

TRAFFIC CONTROL PLAN NOTES

- SEE SECTION 6F.02, SIGN PLACEMENT, OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) FOR INFORMATION ON PLACEMENT AND MOUNTING OF SIGNS.
- SIGNS SHOWN ON THIS PLAN ARE TO WARN TRAFFIC ABOUT THE CONSTRUCTION. OTHER TRAFFIC CONTROL DEVICES MAY BE REQUIRED DURING VARIOUS PHASES OF CONSTRUCTION.
- NOTHING IN THIS PLAN IS INTENDED TO SUPERSEDE OR RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY OF INSTALLING THE APPROPRIATE TRAFFIC CONTROL DEVICES IN ACCORDANCE WITH THE CURRENT MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS.
- CONTRACTOR SHALL BE REQUIRED TO NOTIFY THE CITY OF MEMPHIS CONSTRUCTION INSPECTION DEPARTMENT (801) 636-2462 AND TRAFFIC ENGINEERING DEPARTMENT (901) 636-6710 A MINIMUM OF 24 HOURS PRIOR TO COMMENCING CONSTRUCTION OR IMPLEMENTING A TRAFFIC CONTROL PLAN. ALL TRAFFIC CONTROL DEVICES MUST BE IN PLACE BEFORE CONSTRUCTION ACTIVITY BEGINS.
- SIZES OF ALL SIGNS SHALL COMPLY WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
- ALL TRAFFIC CONTROL DEVICES AND THEIR INSTALLATION SHALL MEET THE STANDARD PRESCRIBED IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND SHALL COMPLY WITH THE STATE OF TENNESSEE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION SECTION 712 TEMPORARY TRAFFIC CONTROL.
- ACCESS TO ADJACENT PROPERTIES SHALL BE MAINTAINED AT ALL TIMES.
- SIDE STREET, DRIVEWAY ACCESS, AND SAFE PEDESTRIAN WAYS SHALL BE MAINTAINED AT ALL TIMES.
- THE CONTRACTOR SHALL NOT BE PERMITTED TO PARK ANY VEHICLES OR CONSTRUCTION EQUIPMENT DURING PERIODS OF INACTIVITY, WITHIN THE RIGHT-OF-WAY OR WITHIN THIRTY (30) FEET OF THE EDGE OF PAVEMENT WHICHEVER IS LESS, WHEN THE LANE IS OPEN TO TRAFFIC, UNLESS PROTECTED BY GUARDRAIL, BRIDGE RAIL, AND/OR BARRIERS INSTALLED FOR OTHER PURPOSES. PRIVATELY OWNED VEHICLES SHALL NOT BE ALLOWED TO BE PARKED WITHIN THE RIGHT-OF-WAY OR WITHIN THIRTY (30) FEET OF AN OPEN TRAFFIC LANE WHICHEVER IS LESS, AT ANY TIME UNLESS PROTECTED AS DESCRIBED ABOVE.
- CONTRACTOR SHALL USE PLASTIC DRUMS WITH TYPE 'A' WARNING LIGHTS TO SEPARATE TRAFFIC FROM THE CONSTRUCTION AREA.
- DRUMS WITH TYPE 'A' WARNING LIGHTS SHALL DELINEATE THE EDGE OF PAVEMENT THROUGH THE ENTIRE CONSTRUCTION AREA.
- CONTRACTOR SHALL COVER ALL EXISTING SIGNS THAT CONFLICT WITH THE TRAFFIC CONTROL PLAN SIGNS OR DEVICES DURING CONSTRUCTION AND THEY SHALL REMAIN COVERED DURING CONSTRUCTION AND UNTIL SUCH TIME THAT NO CONFLICT EXISTS.
- CONTRACTOR SHALL INSTALL TEMPORARY NO PARKING SIGNS AS REQUIRED WITHIN THE TRAFFIC CONTROL AREA.
- WORK WITHIN THE ROADWAY DURING DIFFERENT PHASES OF CONSTRUCTION SHALL NOT BE ACTIVE AT THE SAME TIME.
- ONLY ONE PHASE OF THE TRAFFIC CONTROL PLAN SHALL BE ACTIVE AT ANY ONE TIME.
- ALL TEMPORARY OR PERMANENT TRAVELED SURFACE SHALL BE INSPECTED DAILY BY THE CONTRACTOR (INCLUDING WEEKENDS) AND NECESSARY PATCHING OR RE-FINISHING PERFORMED.
- THE CONTRACTOR SHALL CONTACT THE CITY OF MEMPHIS TRAFFIC ENGINEERING DEPARTMENT AT 901-636-7110 AT LEAST ONE WEEK PRIOR TO IMPLEMENTING THE TRAFFIC CONTROL PLAN TO DETERMINE FEES ASSOCIATED WITH ANY ENGINEERING PERMITS REQUIRED (I.E. GUMPSTER PERMITS, PARKING METER PERMITS, ETC.).
- CHANNELIZING DEVICES SHALL BE REMOVED TO THE EDGE OF PAVEMENT AT THE END OF EACH WORK DAY. NO CLOSURE SHALL BE IN EFFECT FROM 4:00 P.M. UNTIL 9:00 A.M. TWO 12 FOOT LANES SHALL BE OPEN DURING THIS PERIOD WITH AT LEAST A 4 INCH THICK COMPACTED GRAVEL SURFACE.
- WORK WITHIN THE ROADWAY SHALL BE CONDUCTED BETWEEN 9:00 A.M. AND 4:00 P.M. AND THE ROADWAY SHALL BE COMPLETELY OPEN TO TRAFFIC AT ALL OTHER TIMES AND ALL INAPPROPRIATE SIGNS SHALL BE COVERED OR REMOVED.
- AT NO TIME SHALL ONE LANE SECTION BE LEFT OPEN UNATTENDED, WHERE TWO FLAGGERS ARE REQUIRED AND IN CIRCUMSTANCES WHERE ONLY ONE LANE OF TRAFFIC IS OPEN AND THERE IS NO CLEAR LINE OF SIGHT FROM ONE END OF THE CONSTRUCTION AREA TO THE OTHER, THE CONTRACTOR SHALL PROVIDE RADIO COMMUNICATION OR OTHER APPROPRIATE MEANS OF ESTABLISHING CONTROL OF TRAFFIC.
- CONTRACTOR SHALL CONTACT THE CITY OF MEMPHIS SIGNAL SHOP AT 326-2844 FOR LOCATION OF SIGNAL CONDUIT AND WIRES.
- THE APPROPRIATE TRAFFIC CONTROL SHALL BE INSTALLED AT THE INCEPTION OF EACH STAGE OF CONSTRUCTION AND SHALL BE PROPERLY MAINTAINED AND/OR OPERATED DURING THE TIME SUCH SPECIAL CONDITIONS EXIST. THEY SHALL REMAIN IN PLACE ONLY AS LONG AS THEY ARE NEEDED AND SHALL BE IMMEDIATELY REMOVED THEREAFTER.
- OUTLIERED MARKINGS SHALL BE UNIDENTIFIABLE AS PAVEMENT MARKINGS UNDER DAY OR NIGHT, WET OR DRY CONDITIONS, OVERLAYING EXISTING STRIPES WITH BLACK PAINT OR ASPHALT DOES NOT MEET THE REQUIREMENTS OF COVERING, REMOVAL, OR OBLITERATION; HOWEVER, THE USE OF REMOVABLE, NON-REFLECTIVE, PREFORMED TAPE IS PERMITTED WHERE MARKINGS NEED TO BE COVERED TEMPORARILY.
- EXISTING STRIPING THAT CONFLICTS WITH THE TEMPORARY TRAFFIC CONTROL DEVICES SHALL BE COVERED OR REMOVED DURING CONSTRUCTION. WHEN CONSTRUCTION IS COMPLETE THE EXISTING STRIPING SHALL BE RETURNED TO ITS ORIGINAL STATE.
- ALL TRAFFIC CONTROL SIGNS SHALL MEET THE MINIMUM RETRO REFLECTIVITY LEVELS SPECIFIED IN THE CURRENT EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
- THE DEVELOPER SHALL PROVIDE A TRAFFIC CONTROL PLAN TO THE CITY ENGINEER THAT SHOWS THE PHASING FOR EACH STREET FRONTAGE DURING DEMOLITION OR CONSTRUCTION OF CURB, GUTTER AND SIDEWALK. IF A TEMPORARY SIDEWALK IS PROVIDED, IT SHALL BE ADA ACCESSIBLE AND A MINIMUM 5 FEET WIDE PEDESTRIAN PATHWAY.
- ANY CLOSURE OF THE RIGHT OF WAY SHALL BE LIMITED TO THE ACTIVE DEMOLITION OR CONSTRUCTION. CONTINUOUS UNWARRANTED CLOSURE OF THE RIGHT OF WAY SHALL NOT BE ALLOWED FOR THE DURATION OF THE PROJECT. TIME LIMITS WILL BEGIN ON THE DAY OF CLOSURE AND WILL BE MONITORED BY THE ENGINEERING CONSTRUCTION INSPECTORS (801) 636-2462 ON THE JOB.
- ANYTIME FLAGGER IS NOT PRESENT TO CONTROL TRAFFIC, TWO TRAFFIC LANES MUST BE OPEN TO MAINTAIN TWO-WAY TRAFFIC AND ALL INAPPROPRIATE SIGNS SHALL BE COVERED OR REMOVED.
- ALL FLAGGERS SHALL BE EQUIPPED WITH A STOP/SLOW PADOLE.
- THE CONTRACTOR SHALL NOTIFY MEMPHIS AREA TRANSIT AUTHORITY (MATA) AT 901-722-7100 A MINIMUM OF 48 HOURS PRIOR TO IMPLEMENTING A TRAFFIC CONTROL PLAN.

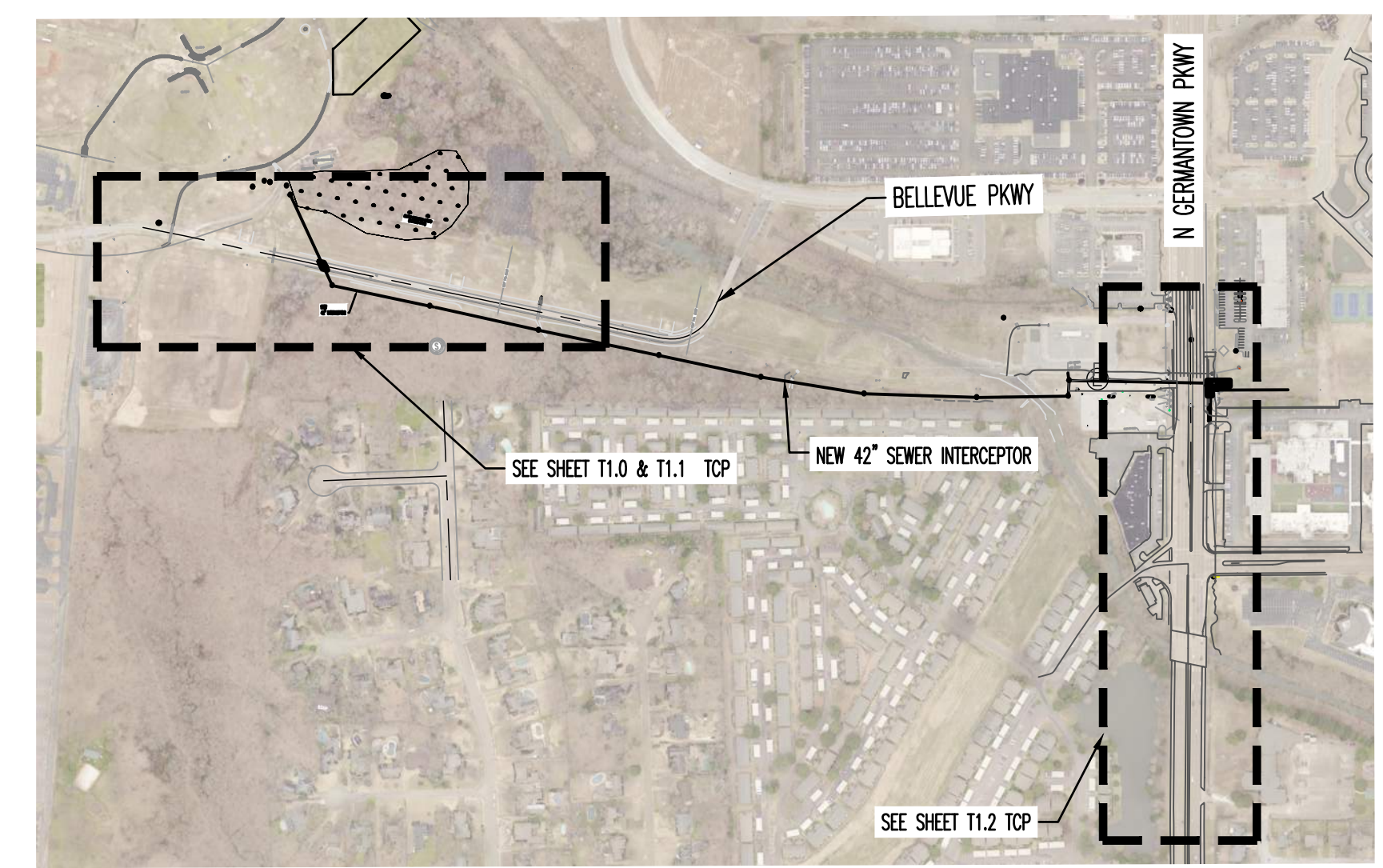
TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
	WORK ZONE
	FLEXIBLE DRUMS (CHANNELIZING)
	SIGN (CONSTRUCTION)
	FLAGGER

DESIGN SPEED LIMIT: 10 MPH
 DURATION (PHASE 2): 1 MONTH
 DATE: _____

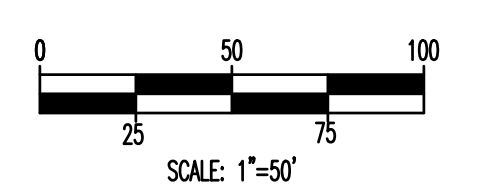
BENCHMARK
 BASIS OF ELEVATIONS NAVD 88 CITY BM225 - LOCATED ON THE SOUTHEAST CORNER OF GERMANTOWN PKWY AND CHIMNEYROCK BLVD. AT BACK OF SIDEWALK, ER ON CHIMNEYROCK BLVD. SIDE. ELEV. 296.21
 THESE PREMISES ARE NOT LOCATED WITHIN A "SPECIAL FLOOD HAZARD AREA" AS DEFINED BY NATIONAL FLOOD PROTECTION ACT AS SHOWN ON FRM MAP 47157C03186 AND 47157C03106, DATED FEBRUARY 05, 2013.

W20-1 48" X 48" A	W20-4 48" X 48" B	W3-4 48" X 48" C	W20-7a 48" X 48" D OPTIONAL	W21-5 48" X 48" E
G20-2 48" X 24" F				

TRAFFIC CONTROL SIGNS

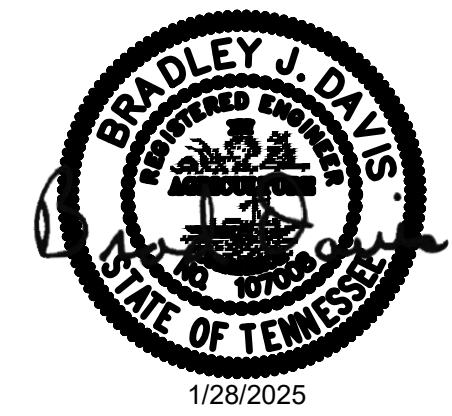


KEY MAP
 SCALE: 1" = 500'



SEWER BASIN WN-10
SHEET 2 OF 3

ITEM	DESCRIPTION	APPROVED



T1.1

DIVISION OF ENGINEERING
SARP10
BELLEVUE EQ. BASIN & GRAVITY SEWER IMPROVEMENTS
TRAFFIC CONTROL PLAN - PHASE 2
 LOCATION: BELLEVUE PARKWAY
 MEMPHIS, TENNESSEE

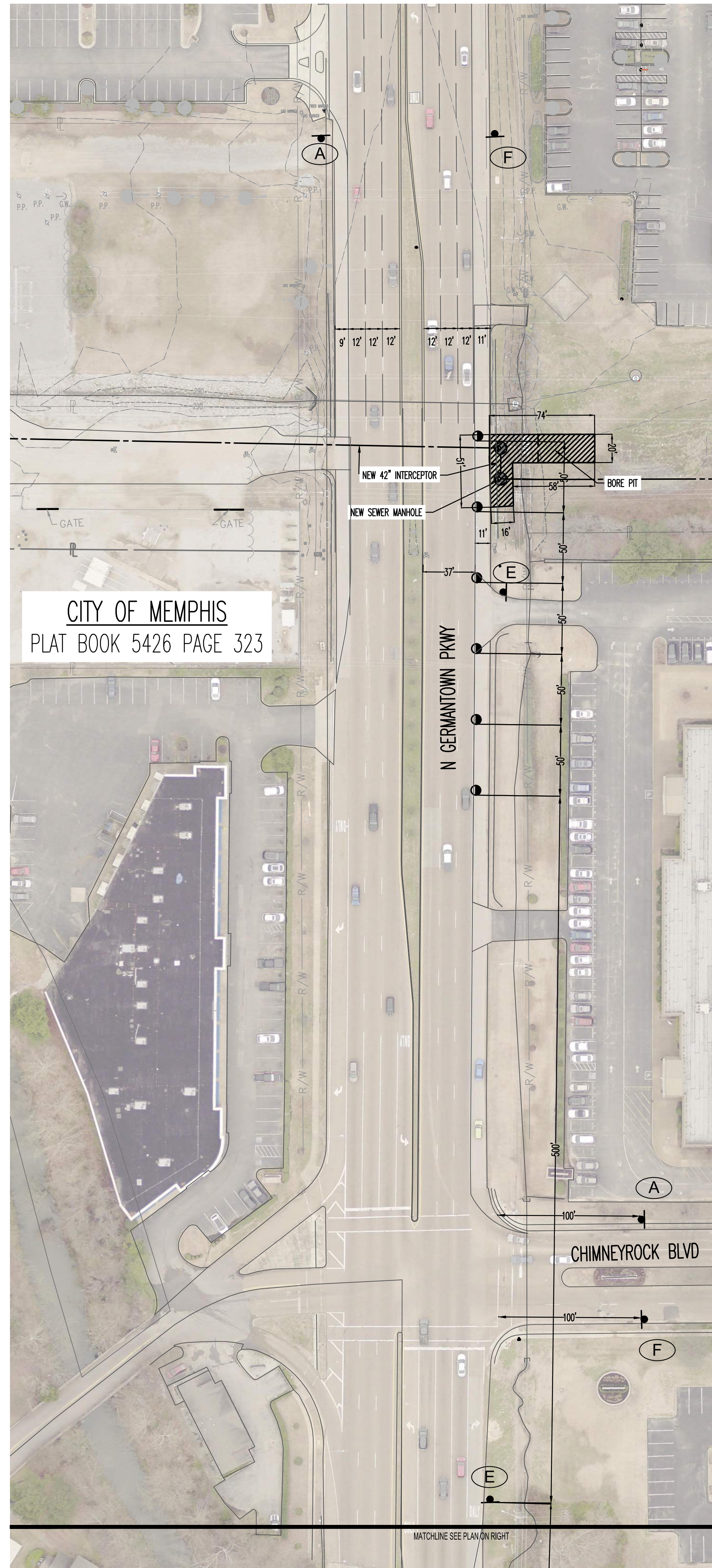
SURVEY: GEODESY DATE: 4/5/2021 BOOK: _____
 DRAWN: ABES DATE: 1/28/2025 SCALE: AS SHOWN
 DESIGN: ABES DATE: 1/28/2025 CHECKED: _____ DATE: _____

REVIEWED

DEPUTY CITY ENGINEER	DATE	CITY ENGINEER	DATE
BASIN NO.	FILE FOLDER	SHEET NUMBER	

Z:\MANUEL_TUMBER - ABES - PRODUCTION\ACTIVE PROJECTS\080 - LDR ENGINEERING\PM - 080-21-001 BELLEVUE EQ WORKING\CAD\BIBRO - 601 - TOP.DWG, 1/27/2025 8:19 PM, NICK WONG

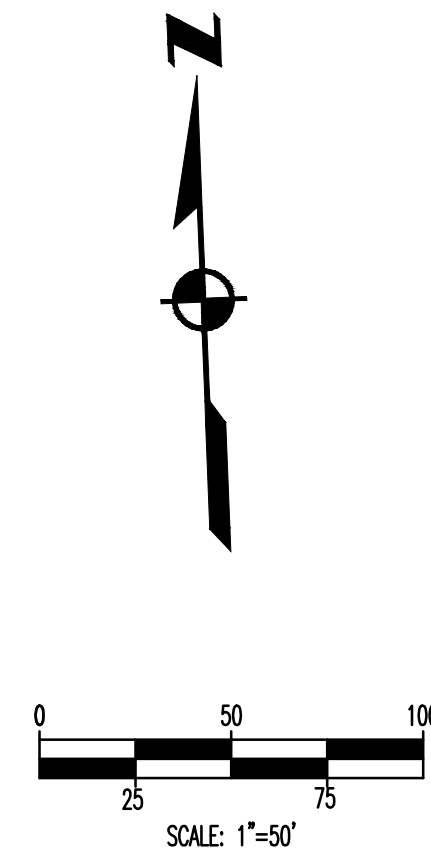
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TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
	WORK ZONE
	FLEXIBLE DRUMS (CHANNELIZING)
	SIGN (CONSTRUCTION)
	FLAGGER

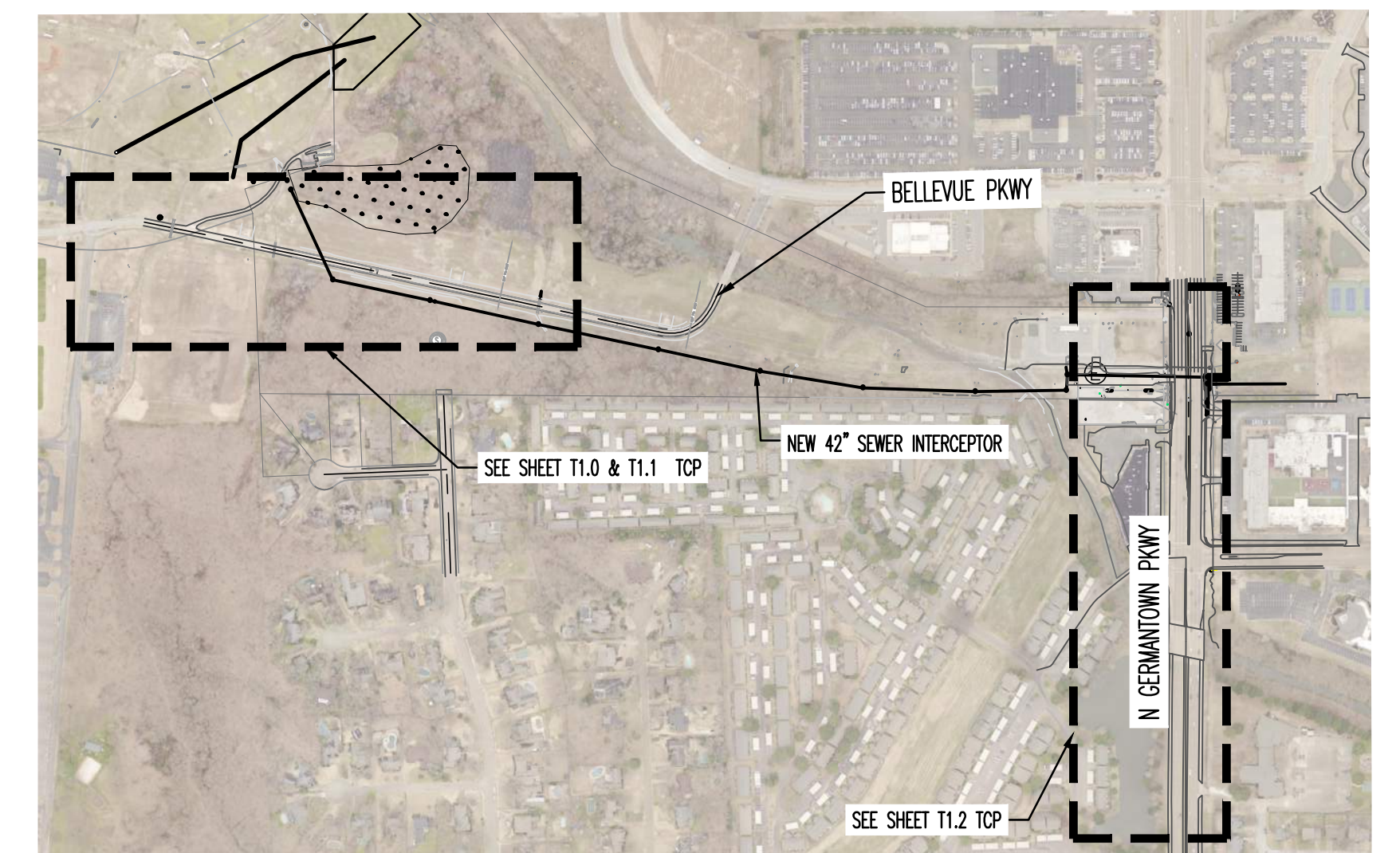
DESIGN SPEED LIMIT: 10 MPH
 DURATION (PHASE 3): 3 MONTHS
 DATE: _____

N GERMANTOWN PKWY TCP
 SCALE: 1" = 50'



TRAFFIC CONTROL PLAN NOTES

- SEE SECTION 6F.02, SIGN PLACEMENT, OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) FOR INFORMATION ON PLACEMENT AND MOUNTING OF SIGNS.
- SIGNS SHOWN ON THIS PLAN ARE TO WARN TRAFFIC ABOUT THE CONSTRUCTION. OTHER TRAFFIC CONTROL DEVICES MAY BE REQUIRED DURING VARIOUS PHASES OF CONSTRUCTION.
- NOTHING IN THIS PLAN IS INTENDED TO SUPERSEDE OR RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY OF INSTALLING THE APPROPRIATE TRAFFIC CONTROL DEVICES IN ACCORDANCE WITH THE CURRENT MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS.
- CONTRACTOR SHALL BE REQUIRED TO NOTIFY THE CITY OF MEMPHIS CONSTRUCTION INSPECTION DEPARTMENT (901) 636-2462 AND TRAFFIC ENGINEERING DEPARTMENT (901) 636-6710 A MINIMUM OF 24 HOURS PRIOR TO COMMENCING CONSTRUCTION OR IMPLEMENTING A TRAFFIC CONTROL PLAN. ALL TRAFFIC CONTROL DEVICES MUST BE IN PLACE BEFORE CONSTRUCTION ACTIVITY BEGINS.
- SIZES OF ALL SIGNS SHALL COMPLY WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
- ALL TRAFFIC CONTROL DEVICES AND THEIR INSTALLATION SHALL MEET THE STANDARD DESCRIBED IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND SHALL COMPLY WITH THE STATE OF TENNESSEE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION SECTION 712 TEMPORARY TRAFFIC CONTROL.
- ACCESS TO ADJACENT PROPERTIES SHALL BE MAINTAINED AT ALL TIMES.
- SIDE STREET, DRIVEWAY ACCESS, AND SAFE PEDESTRIAN PATHWAYS SHALL BE MAINTAINED AT ALL TIMES.
- THE CONTRACTOR SHALL NOT BE PERMITTED TO PARK ANY VEHICLES OR CONSTRUCTION EQUIPMENT DURING PERIODS OF INACTIVITY, WITHIN THE RIGHT-OF-WAY OR WITHIN THIRTY (30) FEET OF THE EDGE OF PAVEMENT WHOEVER IS LESS, WHEN THE LANE IS OPEN TO TRAFFIC, UNLESS PROTECTED BY GUARDRAIL, BRIDGE RAIL, AND/OR BARRIERS INSTALLED FOR OTHER PURPOSES. PRIVATELY OWNED VEHICLES SHALL NOT BE ALLOWED TO BE PARKED WITHIN THE RIGHT-OF-WAY OR WITHIN THIRTY (30) FEET OF AN OPEN TRAFFIC LANE WHOEVER IS LESS, AT ANY TIME UNLESS PROTECTED AS DESCRIBED ABOVE.
- CONTRACTOR SHALL USE PLASTIC DRUMS WITH TYPE 'A' WARNING LIGHTS TO SEPARATE TRAFFIC FROM THE CONSTRUCTION AREA.
- DRUMS WITH TYPE 'A' WARNING LIGHTS SHALL DELINEATE THE EDGE OF PAVEMENT THROUGHOUT THE ENTIRE CONSTRUCTION AREA.
- CONTRACTOR SHALL COVER ALL EXISTING SIGNS THAT CONFLICT WITH THE TRAFFIC CONTROL PLAN SIGNS OR DEVICES DURING CONSTRUCTION AND THEY SHALL REMAIN COVERED DURING CONSTRUCTION AND UNTIL SUCH TIME THAT NO CONFLICT EXISTS.
- CONTRACTOR SHALL INSTALL TEMPORARY NO PARKING SIGNS AS REQUIRED WITHIN THE TRAFFIC CONTROL AREA.
- WORK WITHIN THE ROADWAY DURING DIFFERENT PHASES OF CONSTRUCTION SHALL NOT BE ACTIVE AT THE SAME TIME.
- ONLY ONE PHASE OF THE TRAFFIC CONTROL PLAN SHALL BE ACTIVE AT ANY ONE TIME.
- ALL TEMPORARY OR PERMANENT TRAVELED SURFACE SHALL BE INSPECTED DAILY BY THE CONTRACTOR (INCLUDING WEEKENDS) AND NECESSARY PATCHING OR RE-FINISHING PERFORMED.
- THE CONTRACTOR SHALL CONTACT THE CITY OF MEMPHIS TRAFFIC ENGINEERING DEPARTMENT AT 901-636-6710 AT LEAST ONE WEEK PRIOR TO IMPLEMENTING THE TRAFFIC CONTROL PLAN TO DETERMINE FEES ASSOCIATED WITH ANY ENGINEERING PERMITS REQUIRED (I.E. DUMPSTER PERMITS, PARKING METER PERMITS, ETC.).
- CHANNELIZING DEVICES SHALL BE REMOVED TO THE EDGE OF PAVEMENT AT THE END OF EACH WORK DAY. NO CLOSURE SHALL BE IN EFFECT FROM 4:00 P.M. UNTIL 9:00 A.M. TWO 12 FOOT LANES SHALL BE OPEN DURING THIS PERIOD WITH AT LEAST A 4 INCH THICK COMPACTED GRAVEL SURFACE.
- WORK WITHIN THE ROADWAY SHALL BE CONDUCTED BETWEEN 9:00 A.M. AND 4:00 P.M. AND THE ROADWAY SHALL BE COMPLETELY OPEN TO TRAFFIC AT ALL OTHER TIMES AND ALL INAPPROPRIATE SIGNS SHALL BE COVERED OR REMOVED.
- AT NO TIME SHALL ONE LANE SECTION BE LEFT OPEN UNATTENDED, WHERE TWO FLAGGERS ARE REQUIRED AND IN CIRCUMSTANCES WHERE ONLY ONE LANE OF TRAFFIC IS OPEN AND THERE IS NO CLEAR LINE OF SIGHT FROM ONE END OF THE CONSTRUCTION AREA TO THE OTHER, THE CONTRACTOR SHALL PROVIDE RADIO COMMUNICATION OR OTHER APPROPRIATE MEANS OF ESTABLISHING CONTROL OF TRAFFIC.
- CONTRACTOR SHALL CONTACT THE CITY OF MEMPHIS SIGNAL SHOP AT 528-2844 FOR LOCATION OF SIGNAL CONDUIT AND WIRES.
- THE APPROPRIATE TRAFFIC CONTROL SHALL BE INSTALLED AT THE INCEPTION OF EACH STAGE OF CONSTRUCTION AND SHALL BE PROPERLY MAINTAINED AND/OR OPERATED DURING THE TIME SUCH SPECIAL CONDITIONS EXIST. THEY SHALL REMAIN IN PLACE ONLY AS LONG AS THEY ARE NEEDED AND SHALL BE IMMEDIATELY REMOVED THEREAFTER.
- OBSCURED MARKINGS SHALL BE UNIDENTIFIABLE AS PAVEMENT MARKINGS UNDER DAY OR NIGHT, WET OR DRY CONDITIONS. OVERLAYING EXISTING STRIPES WITH BLACK PAINT OR ASPHALT DOES NOT MEET THE REQUIREMENTS OF COVERING, REMOVAL, OR OBLITERATION; HOWEVER, THE USE OF REMOVABLE, NON-REFLECTIVE, PREFORMED TAPE IS PERMITTED WHERE MARKINGS NEED TO BE COVERED TEMPORARILY.
- EXISTING STRIPING THAT CONFLICTS WITH THE TEMPORARY TRAFFIC CONTROL DEVICES SHALL BE COVERED OR REMOVED DURING CONSTRUCTION. WHEN CONSTRUCTION IS COMPLETE THE EXISTING STRIPING SHALL BE RETURNED TO ITS ORIGINAL STATE.
- ALL TRAFFIC CONTROL SIGNS SHALL MEET THE MINIMUM RETRO REFLECTIVITY LEVELS SPECIFIED IN THE CURRENT EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
- THE DEVELOPER SHALL PROVIDE A TRAFFIC CONTROL PLAN TO THE CITY ENGINEER THAT SHOWS THE PHASING FOR EACH STREET FRONTAGE DURING DEMOLITION OR CONSTRUCTION OF CURB, GUTTER AND SIDEWALK IF A TEMPORARY SIDEWALK IS PROVIDED, IT SHALL BE ADA ACCESSIBLE AND A MINIMUM 5 FEET WIDE PEDESTRIAN PATHWAY.
- ANY CLOSURE OF THE RIGHT OF WAY SHALL BE TIME LIMITED TO THE ACTIVE DEMOLITION OR CONSTRUCTION. CONTINUOUS UNWARRANTED CLOSURE OF THE RIGHT OF WAY SHALL NOT BE ALLOWED FOR THE DURATION OF THE PROJECT. TIME LIMITS WILL BEGIN ON THE DAY OF CLOSURE AND WILL BE MONITORED BY THE ENGINEERING CONSTRUCTION INSPECTORS (901) 636-2462 ON THE JOB.
- ANYTIME FLAGGER IS NOT PRESENT TO CONTROL TRAFFIC, TWO TRAFFIC LANES MUST BE OPEN TO MAINTAIN TWO-WAY TRAFFIC AND ALL INAPPROPRIATE SIGNS SHALL BE COVERED OR REMOVED.
- ALL FLAGGERS SHALL BE EQUIPPED WITH A STOP/SLOW PADDLE.
- THE CONTRACTOR SHALL NOTIFY MEMPHIS AREA TRANSIT AUTHORITY (MATA) AT 901-722-7100 A MINIMUM OF 48 HOURS PRIOR TO IMPLEMENTING A TRAFFIC CONTROL PLAN.



KEY MAP
 SCALE: 1" = 500'

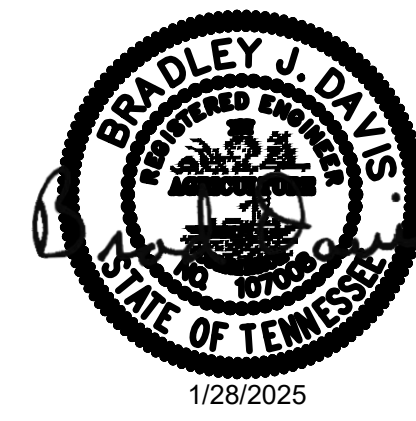
W20-1 48" X 48" (A)	W20-4 48" X 48" (B)	W3-4 48" X 48" (C)	W20-7a 48" X 48" (D) OPTIONAL	W21-5 48" X 48" (E)	G20-2 48" X 24" (F)

TRAFFIC CONTROL SIGNS

BENCHMARK
 BASIS OF ELEVATIONS NAVD 88 CITY 9M225 - LOCATED ON THE SOUTHEAST CORNER OF GERMANTOWN PKWY AND CHIMNEYROCK BLVD. AT BACK OF SIDEWALK, ER ON CHIMNEYROCK BLVD. SIDE. ELEV. 296.21
 THESE PREMISES ARE NOT LOCATED WITHIN A "SPECIAL FLOOD HAZARD AREA" AS DEFINED BY NATIONAL FLOOD PROTECTION ACT AS SHOWN ON FIRM MAP 47157C0316G AND 47157C0310G, DATED FEBRUARY 05, 2013.

SEWER BASIN WN-10
 SHEET 3 OF 3

ITEM	DESCRIPTION	APPROVED



T1.2

DIVISION OF ENGINEERING
SARP10
BELLEVUE EQ. BASIN & GRAVITY SEWER IMPROVEMENTS
 TRAFFIC CONTROL PLAN - N GERMANTOWN PKWY
 LOCATION: BELLEVUE PARKWAY MEMPHIS, TENNESSEE

SURVEY: GEODESY DATE: 4/5/2021 BOOK: _____
 DRAWN: ABES DATE: 1/28/2025 SCALE: AS SHOWN
 DESIGN: ABES DATE: 1/28/2025 CHECKED: _____ DATE: _____

REVIEWED _____

DEPUTY CITY ENGINEER	DATE	CITY ENGINEER	DATE
BASIN NO.	FILE FOLDER	SHEET NUMBER	