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Construction Drawings for
STOCKBRIDGE TRUNK SEWER
SANITARY SEWER IMPROVEMENTS
YORK COUNTY, SOUTH CAROLINA
DISTRICT 1
100% CONSTRUCTION SET
NOT RELEASED FOR CONSTRUCTION

SHEET INDEX

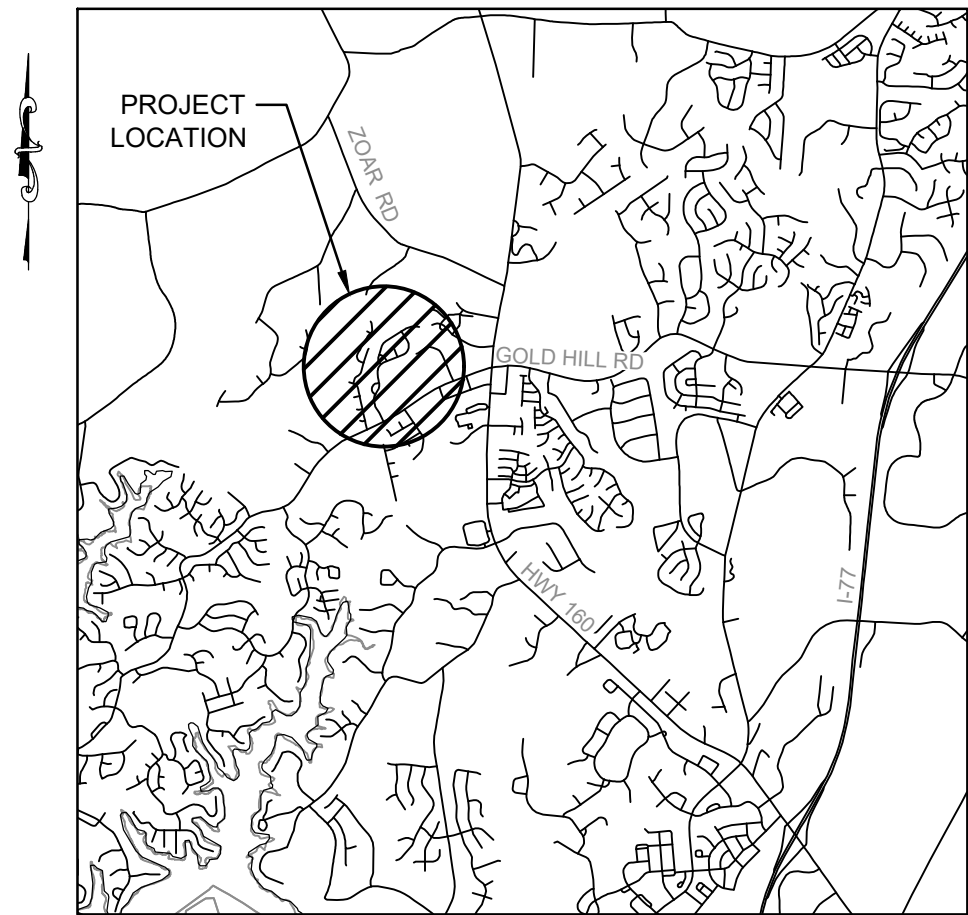
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COUNTY COUNCIL

CHRISTI COX, CHAIRWOMAN
TOM AUDETTE, VICE CHAIRMAN
ANDY LITTEN
TOMMY ADKINS
WILLIAM "BUMP" RODDEY
A WATTS HUCKABEE, SR.
DEBI CLONIGER

SCDHEC Permit to Construct/Operate # 41848-WW



LOCATION MAP

SCALE: 1" = 5,000'

System Inventory List	
4' DIAMETER MANHOLE	35
4' DIAMETER MANHOLE (OUTSIDE DROP)	5
8" DUCTILE IRON PIPE	988 LF
12" DUCTILE IRON PIPE	2,845 LF
16" DUCTILE IRON PIPE	716 LF
16" STEEL CASING	377 LF
26" STEEL CASING	358 LF

THE DESIGN OF ALL EROSION CONTROL AND STORMWATER MANAGEMENT FEATURES FOR WATER QUALITY AND WATER QUANTITY AND OTHER BMPs, STORM DRAIN PIPING AND MANHOLES, CULVERTS, DITCHES, SWALES AND OTHER CHANNELS, ALL OUTFALLS TO THEIR RECEIVING WATERS, IN ADDITION TO ALL ROAD INFRASTRUCTURE, SANITARY SEWER AND WATER UTILITIES, AS PRESENTED HEREIN HAS BEEN COMPLETED FROM FIELD SURVEY INFORMATION PREPARED BY A LICENSED SOUTH CAROLINA PROFESSIONAL LAND SURVEYOR.

I HAVE PLACED MY SIGNATURE AND SEAL ON THE DESIGN DOCUMENTS SUBMITTED SIGNIFYING THAT I ACCEPT RESPONSIBILITY FOR THE DESIGN OF THE SYSTEM. FURTHER, I CERTIFY TO THE BEST OF MY KNOWLEDGE AND BELIEF THAT THE DESIGN IS CONSISTENT WITH THE REQUIREMENTS OF TITLE 48, CHAPTER 14 OF THE CODE OF LAWS OF SC, 1976 AS AMENDED, PURSUANT TO REGULATION 72-300 ET SEQ. (IF APPLICABLE), AND IN ACCORDANCE WITH THE TERMS AND CONDITIONS OF SCR100000.

YORK COUNTY ENGINEERING DEPARTMENT
POST OFFICE BOX 148
6 SOUTH CONGRESS STREET
YORK, SOUTH CAROLINA 29745
(803) 684-8571



CONTACTS:

CLIENT

YORK COUNTY, SC
6 S. CONGRESS STREET
YORK, SC 29745
PH: (803) 818-5781
CONTACT: GREG RUSHING, P.E.
Greg.Rushing@yorkcountysc.gov

ENGINEER

DEWBERRY ENGINEERS, INC.
9300 HARRIS CORNERS PARKWAY, SUITE 220
CHARLOTTE, NC 28269
PH: (704) 317-7528
CONTACT: BENJAMIN W. KOSKI, P.E.
bkoski@dewberry.com

UTILITY PROVIDERS:

WATER/SEWER

YORK COUNTY SC
220 PUBLIC WORKS ROAD
YORK, SC 29745
PH: (803) 628-3200
CONTACT: RAY BAILEY
Raymond.Bailey@yorkcountygov.com

ELECTRIC

YORK ELECTRIC COOPERATIVE, INC.
1385 EAST ALEXANDER LOVE HIGHWAY
YORK, SC 29745
PH: (803) 628-5564
wes.dover@yorkelectric.net

CABLE/INTERNET/TELEPHONE

COMPORIUM COMMUNICATIONS
P.O. BOX 470
YORK, S.C. 29730
CONTACT: SAM PRETE (803-326-6160)
JOHN COLLINS (803-487-6675)

NATURAL GAS

YORK COUNTY NATURAL GAS
965 W. MAIN STREET
ROCK HILL, S.C. 29730
(803) 329-5304

CONTACT: STEPHEN COMER

APPLICANT'S CERTIFICATION

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

I HEREBY CERTIFY THAT, TO THE BEST OF MY KNOWLEDGE, THESE PLANS CONTAIN ALL INFORMATION REQUIRED BY CHAPTER 152 - STORMWATER MANAGEMENT AND SEDIMENT CONTROL OF THE YORK COUNTY CODE OF ORDINANCES AND AS REFERENCED BY THIS APPLICATION. I HEREBY CERTIFY THAT ALL LAND DISTURBING ACTIVITIES INCLUDING CLEARING, GRADING, CONSTRUCTION AND/OR DEVELOPMENT WILL BE DONE PURSUANT TO THIS PLAN AND AGREE TO INDEMNIFY ANY PERSON DAMAGED BY FAILURE TO COMPLY WITH THE APPROVED PLAN. COUNTY AND STATE AUTHORITIES WILL BE ALLOWED TO ENTER UPON THE PROJECT SITE AT ANY REASONABLE TIME PROVIDED THEY PRESENT APPROPRIATE CREDENTIALS.

7/22/2022
DATE PERMIT APPLICANT

PROFESSIONAL'S CERTIFICATION

I HAVE PLACED MY SIGNATURE AND SEAL ON THE DESIGN DOCUMENTS SUBMITTED SIGNIFYING THAT I ACCEPT RESPONSIBILITY FOR THE DESIGN OF THE SYSTEM. FURTHER, I CERTIFY TO THE BEST OF MY KNOWLEDGE AND BELIEF THAT THE DESIGN IS CONSISTENT WITH THE REQUIREMENTS OF TITLE 48, CHAPTER 14 OF THE CODE OF LAWS OF SC, 1976 AS AMENDED, PURSUANT TO REGULATION 72-300 ET SEQ. (IF APPLICABLE), AND IN ACCORDANCE WITH THE TERMS AND CONDITIONS OF SCR100000. I ALSO CERTIFY THAT THIS PLAN IS DESIGNED TO CONTAIN SEDIMENT ON THE PROPERTY CONCERNED AND TO PROVIDE FOR THE CONTROL OF STORMWATER RUNOFF FROM THE PROPERTY AND THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, ALL THE PROVISIONS ARE IN ACCORDANCE WITH CHAPTER 152 - STORMWATER MANAGEMENT AND SEDIMENT CONTROL OF THE YORK COUNTY CODE OF ORDINANCES.

7/25/2022
DATE
Desigined by:
Robert S. Adette
REGISTERED LANDSCAPE ARCHITECT
REGISTERED TIER B LAND SURVEYOR
REGISTERED PROFESSIONAL ENGINEER

APPROVAL STAMP/PERMIT LOCATION TO BE COMPLETED BY YORK COUNTY



Dewberry Engineers Inc.

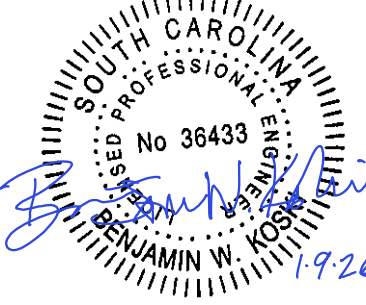
9300 Harris Corners Parkway
Suite 220
Charlotte, NC 28269-2618
704.509.9918

SHEET INDEX

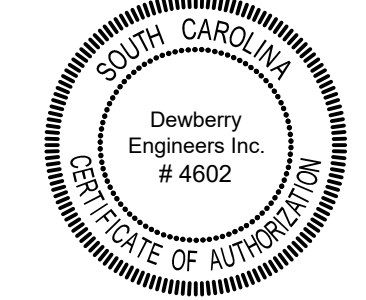


YORK COUNTY
STOCKBRIDGE TRUNK SEWER
SANITARY SEWER IMPROVEMENTS
100% CONSTRUCTION DOCUMENTS
NOT RELEASED FOR CONSTRUCTION
YORK COUNTY, SOUTH CAROLINA

SEAL



COA



SCALE

AS NOTED

REVISIONS

NO.	DESCRIPTION	DATE

DRAWN BY GLB

APPROVED BY BWK

CHECKED BY RSN

DATE JANUARY 2026

TITLE

COVER SHEET

PROJECT NO. 50076071

G-001

PROJECT DESCRIPTION:

CONSTRUCTION OF APPROXIMATELY 750 LF OF 16" GRAVITY SEWER, 2,845 LF OF 12" GRAVITY SEWER, AND 81 LF OF 8" GRAVITY SEWER FROM THE EXISTING STOCKBRIDGE WASEWATER PUMP STATION TO THE PROPOSED REGIONAL PUMP STATION (TO BE CONSTRUCTED BY OTHERS), AND APPROXIMATELY 899 LF OF 8" GRAVITY SEWER FROM THE EXISTING BROOK SPRINGS WASTEWATER PUMP STATION TO THE PROPOSED 16" GRAVITY SEWER AT THE PALMETTO WEST SUBDIVISION PUMP STATION. FOUR EXISTING WASTEWATER PUMP STATIONS WILL BE TAKEN OFFLINE AND DEMOLISHED AFTER THE GRAVITY SEWER AND NEW REGIONAL PUMP STATION HAS BEEN APPROVED AND ACCEPTED BY YORK COUNTY AND SCDHEC. NO NEW GRADES ARE PROPOSED. ALL EXISTING GRADES TO REMAIN THE SAME.

THE TOTAL LIMITS OF LAND DISTURBANCE FOR THIS PROJECT AREA IS 3.15 AC.

THE TOTAL PROJECT AREA IS 3.15 AC.

GENERAL PROJECT NOTES

1.

THE CONTRACTOR SHALL HAVE A COMPLETE SET OF CONTRACT DOCUMENTS AS WELL AS ALL APPROVALS ON THE JOB SITE AT ALL TIMES.

2.

ALL CONSTRUCTION AND MATERIALS SHALL BE IN GENERAL ACCORDANCE WITH APPLICABLE STATE, FEDERAL AND LOCAL REGULATIONS, AND THE MOST RECENT YORK COUNTY GOVERNMENT WATER & SEWER DEPARTMENT SPECIFICATIONS AND SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (SCDHEC) REGULATIONS.

3.

CONSTRUCTION ON THIS SITE IS AUTHORIZED BY PERMITS ISSUED BY THE SCDHEC, SCDOT, AND YORK COUNTY. THE WORK IS SUBJECT TO INSPECTION AT ALL TIMES BY REPRESENTATIVES OF SCDHEC, YORK COUNTY AND THE ENGINEER OF RECORD. THE PERMITS REQUIRE CERTIFICATION OF COMPLETION BY THE ENGINEER OF THE SEWER SYSTEM PRIOR TO ISSUANCE OF FINAL OPERATIONAL APPROVAL BY THE SCDHEC AND YORK COUNTY.

4.

CONTRACTOR SHALL CONTACT YORK COUNTY ENGINEERING AND PUBLIC WORKS IN WRITING THREE DAYS PRIOR TO STARTING CONSTRUCTION. A PRE-CONSTRUCTION CONFERENCE SHALL BE HELD WITH THE DEPARTMENT INSPECTOR, THE CONTRACTOR, THE OWNER AND THE ENGINEER.

5.

CONTRACTOR IS RESPONSIBLE AT CONTRACTOR'S EXPENSE FOR ENSURING AND OBTAINING ALL NECESSARY PERMITS AND APPROVALS PRIOR TO CONSTRUCTION. THESE PERMITS MAY INCLUDE, BUT ARE NOT LIMITED TO, GRADING, DEMOLITION, BLASTING, DRIVEWAY, WATER AND SEWER PERMITS, AND APPROVALS.

6.

CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR CONTACTING ALL APPROPRIATE UTILITIES AND ENSURING THAT UTILITIES ARE LOCATED PRIOR TO COMMENCEMENT OF CONSTRUCTION AS REQUIRED BY SOUTH CAROLINA LAW (SC 811: (888) 721-7877). CONTRACTOR SHALL VERIFY LOCATION AND DEPTHS OF ALL EXISTING UTILITIES AND NOTIFY THE ENGINEER OF RECORD OF ANY DISCREPANCY OR CONFLICTS PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL VERIFY THE ACCURACY OF ALL DATA PRIOR TO CONSTRUCTION.

7.

ALL IMPROVEMENTS UNDER THIS CONTRACT ARE ON PROPERTY OWNED BY YORK COUNTY, SCDOT, OR WITHIN YORK COUNTY EASEMENTS.

8.

CONTRACTOR SHALL MAKE EVERY EFFORT TO SAVE PROPERTY IRONS, MONUMENTS, OTHER PERMANENT POINTS AND LINES OF REFERENCE AND CONSTRUCTION STAKES. PROPERTY IRONS, MONUMENTS, AND OTHER PERMANENT POINTS OF REFERENCE DESTROYED BY THE CONTRACTOR SHALL BE REPLACED BY A LICENSED LAND SURVEYOR IN THE STATE OF SOUTH CAROLINA AT THE CONTRACTOR'S EXPENSE.

9.

CONNECTION TO ANY EXISTING LINES OR STRUCTURES SHALL BE BY THE CONTRACTOR IN THE PRESENCE OF YORK COUNTY INSPECTION PERSONNEL. PLUG NEW CONNECTION UNTIL CONSTRUCTION AND TESTING HAVE BEEN COMPLETED, INSPECTED BY THE ENGINEER OF RECORD AND YORK COUNTY, AND FINAL CONNECTION HAS BEEN AUTHORIZED.

10.

CONTRACTOR SHALL VERIFY ALL DIMENSIONS, CONDITIONS, EXISTING INVERTS, ELEVATIONS, ETC. AND NOTIFY OWNER AND ENGINEER IN WRITING OF ANY DISCREPANCIES PRIOR TO STARTING CONSTRUCTION OF THE WORK INVOLVED.

11.

CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR REPAIR AND REPLACEMENT OF FENCES, MAILBOXES, DRIVEWAYS, FLOWER BEDS AND/OR ANY SIMILAR STRUCTURES DISTURBED AND/OR DAMAGED DURING CONSTRUCTION WHETHER SHOWN ON THE PLANS AND/OR IDENTIFIED IN THE FIELD.

12.

WHEN WORKING ADJACENT TO EXISTING STRUCTURES OR UTILITIES CONTRACTOR SHALL USE WHATEVER METHODS NECESSARY TO PROTECT STRUCTURES AND UTILITIES FROM DAMAGE. REPLACEMENT OF DAMAGED STRUCTURES AND UTILITIES SHALL BE AT THE CONTRACTOR'S EXPENSE.

13.

CONTRACTOR SHALL BE RESPONSIBLE FOR ALL VERTICAL AND HORIZONTAL LAYOUT TO PROPERLY CONSTRUCT THE WORK. HORIZONTAL AND VERTICAL CONTROL SHALL BE PROVIDED BY A LICENSED LAND SURVEYOR IN THE STATE OF SOUTH CAROLINA.

14.

CONTRACTOR SHALL MAINTAIN ALL ROADS IN GOOD, PASSABLE CONDITION AND CLEAN OF DUST, DIRT AND DEBRIS.

15.

CONTRACTOR SHALL REPAIR ROADS, ALL CONCRETE CURB & GUTTER AND SIDEWALKS TO EXISTING OR BETTER CONDITIONS IF DISTURBED DURING CONSTRUCTION. ALL ROADS, CURB & GUTTER, AND SIDEWALK SHALL BE RETURNED TO PRE-EXISTING ELEVATIONS UNLESS STATED ON PLANS.

16.

CLEARING AND GRUBBING SHALL BE PERFORMED WITHIN THE LIMITS SHOWN ON THE PLANS. ALL TIMBER, BRUSH, ROOTS, STUMPS, TREES, OTHER VEGETATION AND DEMOLITION DEBRIS REMOVED SHALL BECOME THE CONTRACTOR'S RESPONSIBILITY TO DISPOSE OF PROPERLY BY REMOVAL FROM PROJECT SITE. ALL TEMPORARY STOCKPILE SHALL BE PLACED WITHIN THE LIMITS OF DISTURBANCE.

17.

APPROVAL OF THIS PLAN IS NOT AN AUTHORIZATION TO GRADE OR DISTURB ADJACENT PROPERTIES. WHEN FIELD CONDITIONS WARRANT DISTURBANCE BEYOND THE PROJECT LIMITS, WRITTEN PERMISSION MUST BE OBTAINED FROM THE PROPERTY OWNER(S).

18.

ALL DISTURBED AREAS SHALL BE ADEQUATELY SEEDED AND STRAWED AFTER COMPLETION OF PIPE INSTALLATION. ALL NEWLY STABILIZED AREAS DISTURBED DURING CONSTRUCTION ACTIVITIES AND/OR TESTING SHALL BE RE-SEEDED AND RE-STRAWED AS REQUIRED.

19.

WHEN UNDERGROUND OBSTRUCTIONS NOT SHOWN ON THE CONSTRUCTION DRAWINGS (ROCK, PIPING, ETC.) ARE ENCOUNTERED, THE CONTRACTOR SHALL PROMPTLY REPORT THE CONFLICT TO THE ENGINEER. ALL CHANGES MUST BE APPROVED IN WRITING BY THE ENGINEER AND APPROVED BY YORK COUNTY BEFORE CONSTRUCTION CAN PROCEED.

20.

ALL INSPECTIONS, TESTING AND START-UP FOR THE PROPOSED GRAVITY SEWER SHALL BE COMPLETED IN ACCORDANCE WITH YORK COUNTY GOVERNMENT WATER AND SEWER DEPARTMENT SPECIFICATIONS.

21.

YORK COUNTY SHALL HAVE FINAL OWNERSHIP AND MAINTENANCE RESPONSIBILITY OF THE PROPOSED GRAVITY SEWER.

22.

THE PROPOSED GRAVITY SEWER IS NOT WITHIN THE 100 YEAR FLOODPLAIN PER FEMA MAP NUMBER 45091C0192E, 45091C0203E, AND 45091C0185E, EFFECTIVE SEPTEMBER 26, 2008 AND FEMA MAP NUMBER 45091C0211F, EFFECTIVE MAY 16, 2017.

23.

BASE FILE INFORMATION:

EXISTING CONDITIONS DATA PROVIDED TO DEWBERRY ENGINEERS INC. BY R. JOE HARRIS & ASSOCIATES, LLC. IN FIELD SURVEYS PERFORMED ON DECEMBER 14, 2017, DECEMBER 20, 2017, APRIL 25, 2018, MAY 21, 2018, MAY 22, 2018, AND JUNE 5, 2018.

EXISTING CONDITIONS DATA FOR PARCEL #6460000102 PROVIDED TO DEWBERRY ENGINEERS INC. BY CARDNO LLC. ON SEPTEMBER 6, 2017.

GENERAL SANITARY SEWER NOTES

1.

ALL PIPE FITTING BENDS HAVE NOT BEEN SHOWN. CONTRACTOR SHALL PROVIDE/INSTALL ALL FITTING BENDS, FLEX COUPLINGS, JOINT RESTRAINT, COLLARS, ETC. NECESSARY FOR COMPLETE INSTALLATION. PROVIDE CLEARANCE AS NEEDED FOR FUTURE ACCESSIBILITY FOR MAINTENANCE AND REMOVAL.

2.

WHEN A SEWER MAIN OR LATERAL CROSSES OR IS PARALLEL TO AN EXISTING WATER MAIN, THE CONTRACTOR SHALL UTILIZE DUCTILE IRON PIPE (INCLUDING LATERALS) FOR THE SEWER MAIN AS DESCRIBED BELOW:

A.

VERTICAL SEPARATION OF SEWER LINES & WATER LINES: WHENEVER IT IS NECESSARY FOR A SEWER MAIN TO CROSS UNDER A WATER MAIN WITH LESS THAN 18-INCHES OF VERTICAL SEPARATION, THE SEWER MAIN AND WATER MAIN SHALL BE CONSTRUCTED OF DUCTILE IRON PIPE, WITH JOINTS MEETING WATER MAIN STANDARDS, FOR A DISTANCE OF 10 FEET ON EACH SIDE OF THE POINT OF CROSSING. WHENEVER IT IS NECESSARY FOR A SEWER MAIN TO CROSS OVER A WATER MAIN, THE SEWER MAIN AND WATER MAIN SHALL BE CONSTRUCTED OF DUCTILE IRON PIPE, WITH JOINTS MEETING WATER MAIN STANDARDS, FOR A DISTANCE OF 10 FEET ON EACH SIDE OF THE POINT OF CROSSING.

B.

HORIZONTAL SEPARATION OF SEWER LINES AND WATER LINES: SEWER MAINS SHALL BE LAID AT LEAST 10 FEET HORIZONTALLY FROM EXISTING OR PROPOSED WATER MAINS UNLESS LOCAL CONDITIONS OR BARRIERS PREVENT A 10-FOOT HORIZONTAL SEPARATION. IN THAT CASE, THE SEWER MAIN WILL BE LAID IN A SEPARATE TRENCH, WITH THE ELEVATION OF THE BOTTOM OF THE WATER MAIN AT LEAST 18-INCHES ABOVE THE TOP OF THE SEWER. WHEN THESE CONDITIONS ARE NOT MET, THE SEWER MAIN AND WATER MAIN SHALL BE CONSTRUCTED OF DUCTILE IRON PIPE WITH JOINTS MEETING WATER MAIN STANDARDS.

C.

HORIZONTAL SEPARATION OF SEWER LINES, MANHOLES, PUMP STATIONS AND FORCE MAINS FROM WATER WELLS: SEWER LINES, MANHOLES, PUMP STATIONS AND FORCE MAINS SHALL BE INSTALLED AT LEAST 100 FEET FROM A PUBLIC WATER SUPPLY WELL AND AT LEAST 20 FEET FROM ANY OTHER POTABLE WATER WELL, AS DEFINED IN SC DHEC REGULATION 61-71: (67.300 A.13).

EROSION AND SEDIMENT CONTROL MEASURES

1.

THE INTENT OF THE EROSION AND SEDIMENT CONTROLS SHOWN ON THESE DRAWINGS IS TO GUIDE THE CONTRACTOR IN IMPLEMENTING ACCEPTABLE MEASURES, INFRASTRUCTURE, AND MAINTENANCE PROGRAMS THAT WILL MINIMIZE THE AMOUNT OF EROSION AND RESULTING SEDIMENT THAT WILL TAKE PLACE DURING THE CONSTRUCTION OF THIS PROJECT. ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE CONSTRUCTED AND MAINTAINED ACCORDING TO THE MINIMUM STANDARDS AND SPECIFICATIONS OF THE SOUTH CAROLINA DHEC STORM WATER MANAGEMENT BMP HANDBOOK.

2.

MINIMIZE THE DISCHARGE OF POLLUTANTS FROM EQUIPMENT AND VEHICLE WASHING, WHEEL WASH WATER AND OTHER WASH WATERS. WASH WATERS MUST BE TREATED IN A SEDIMENT BASIN OR ALTERNATIVE CONTROL THAT PROVIDES EQUIVALENT OR BETTER TREATMENT PRIOR TO DISCHARGE.

3.

MINIMIZE THE DISCHARGE OF POLLUTANTS FROM DEWATERING OF TRENCHES AND EXCAVATED AREAS. THESE DISCHARGES ARE TO BE ROUTED THROUGH APPROPRIATE BMPS (SEDIMENT BASIN, FILTER BAG, ETC.).

4.

THE FOLLOWING DISCHARGES FROM SITE ARE PROHIBITED:

•

WASTEWATER FROM WASHOUT OF CONCRETE UNLESS MANAGED BY AND APPROPRIATE CONTROL;

•

WASTEWATER FROM WASHOUT AND CLEANOUT OF STUCCO, PAINT, FORM RELEASE OILS, CURING COMPOUNDS AND OTHER CONSTRUCTION MATERIALS.

•

FUELS, OIL, OR OTHER POLLUTANTS USED IN VEHICLE AND EQUIPMENT OPERATION AND MAINTENANCE

•

SOAPS OR SOLVENTS USED IN VEHICLE AND EQUIPMENT WASHING.

•

A PRE-CONSTRUCTION CONFERENCE MUST BE HELD FOR EACH CONSTRUCTION SITE WITH AN APPROVED ON-SITE SWPP PRIOR TO THE IMPLEMENTATION OF THE CONSTRUCTION ACTIVITIES. FOR NON-LINEAR PROJECTS THAT DISTURB 10 ACRES OR MORE, THIS CONFERENCE MUST BE HELD ON-SITE UNLESS THE DEPARTMENT HAS APPROVED OTHERWISE.

EROSION AND SEDIMENT CONTROL INSPECTION & MAINTENANCE

IN GENERAL, ALL THE EROSION AND SEDIMENT CONTROL MEASURES SHALL BE CHECKED WEEKLY AND AFTER EACH SIGNIFICANT RAINFALL TO ENSURE THEY ARE IN WORKING ORDER UNTIL FINAL STABILIZATION IS REACHED ON ALL AREAS OF THE CONSTRUCTION SITE. THE FOLLOWING ITEMS WILL BE CHECKED IN PARTICULAR:

1.

SILT FENCE:

A.

THE KEY TO FUNCTIONAL SILT FENCE IS WEEKLY INSPECTIONS, ROUTINE MAINTENANCE, AND REGULAR SEDIMENT REMOVAL.

B.

REGULAR INSPECTIONS OF SILT FENCE SHALL BE CONDUCTED ONCE EVERY CALENDAR WEEK AND, AS RECOMMENDED, WITHIN 24 HOURS AFTER EACH RAINFALL EVENT THAT PRODUCES 1/2" OR MORE OF PRECIPITATION.

C.

ATTENTION TO SEDIMENT ACCUMULATIONS ALONG THE SILT FENCE IS EXTREMELY IMPORTANT. ACCUMULATED SEDIMENT SHOULD BE CONTINUALLY MONITORED AND REMOVED WHEN NECESSARY.

D.

REMOVE ACCUMULATED SEDIMENT WHEN IT REACHES 1/3 THE HEIGHT OF THE SILT FENCE.

E.

REMOVED SEDIMENT SHALL BE PLACED IN STOCKPILE STORAGE AREAS OR SPREAD THINLY ACROSS DISTURBED AREAS. STABILIZE THE REMOVED SEDIMENT AFTER IT IS RELOCATED.

F.

CHECK FOR AREAS WHERE STORMWATER RUNOFF HAS ERODED A CHANNEL BENEATH THE SILT FENCE, OR WHERE THE FENCE HAS SAGGED OR COLLAPSED DUE TO RUNOFF OVERTOPPING THE SILT FENCE. INSTALL CHECKS/TIE-BACKS AND/OR REINSTALL SILT FENCE AS NECESSARY.

G.

CHECK FOR TEARS WITHIN THE SILT FENCE, AREAS WHERE SILT FENCE HAS BEGUN TO DECOMPOSE, AND FOR ANY OTHER CIRCUMSTANCES THAT MAY RENDER THE SILT FENCE INEFFECTIVE. REMOVED DAMAGED SILT FENCE AND REINSTALL NEW SILT FENCE IMMEDIATELY.

H.

SILT FENCE SHOULD BE REMOVED WITHIN 30 DAYS AFTER FINAL STABILIZATION IS ACHIEVED AND ONCE IT IS REMOVED, THE RESULTING DISTURBED AREA SHALL BE PERMANENTLY STABILIZED.

2.

TEMPORARY SEEDING:

A.

INSPECT EVERY 7 CALENDAR DAYS AND WITHIN 24 HOURS AFTER EACH RAINFALL EVENT THAT PRODUCES 1/2" OR MORE OF PRECIPITATION.

B.

COVER SEED WITH MULCH TO PROVIDE PROTECTION. FREQUENT INSPECTIONS ARE NECESSARY TO CHECK THAT CONDITIONS FOR GROWTH ARE GOOD.

C.

SUPPLY TEMPORARY SEEDING WITH ADEQUATE MOISTURE. SUPPLY WATER AS NEEDED, ESPECIALLY IN ABNORMALLY HOT OR DRY WEATHER OR ON ADVERSE SITES. CONTROL WATER APPLICATION RATES TO PREVENT RUNOFF.

D.

BASE SEED SELECTION ON LOCAL SPECIFICATIONS.

E.

AREAS WHERE THE PLANTS DO NOT GROW QUICK ENOUGH, THICK ENOUGH, OR ADEQUATELY ENOUGH TO PREVENT EROSION SHOULD BE RE-SEEDED.

3.

PERMANENT SEEDING:

A.

INSPECT SEEDED AREA AND MAKE NECESSARY REPAIRS AND RE-SEED IMMEDIATELY. CONDUCT A FOLLOW-UP SURVEY AFTER ONE YEAR AND REPLACE FAILED PLANTS WHERE NECESSARY.

B.

IF VEGETATIVE COVER IS INADEQUATE TO PREVENT RILL EROSION, OVERSEED AND FERTILIZE IN ACCORDANCE WITH SOIL TEST RESULTS.

C.

IF A STAND OF PERMANENT VEGETATION HAS LESS THAN 40% COVER, RE-EVALUATE CHOICE OF PLANT MATERIAL AND QUANTITIES OF LIME AND FERTILIZER.

D.

RE-ESTABLISH THE STAND FOLLOWING SEED BED PREPARATION AND SEEDING RECOMMENDATIONS, OMITTING LIME AND FERTILIZER IN THE ABSENCE OF SOIL TEST RESULTS.

E.

IF THE SEASON PREVENTS RE-SOWING, MULCH IS AN EFFECTIVE TEMPORARY COVER.

F.

FINAL STABILIZATION OF THE SITE REQUIRES A 70% OVERALL COVERAGE RATE. THIS DOES NOT MEAN THAT 30% OF THE SITE CAN REMAIN BARE. THE COVERAGE IS DEFINED AS LOOKING AT A SQUARE YARD OF COVERAGE, IN WHICH 70% OF THAT SQUARE IS COVERED WITH VEGETATION.

4.

MULCHING

A.

INSPECT EVERY 7 CALENDAR DAYS AND WITHIN 24 HOURS AFTER EACH RAINFALL EVENT THAT PRODUCES 1/2" OR MORE OF PRECIPITATION.

B.

REPAIR OR REPLACE DAMAGED AREAS OF MULCH OR TIE-DOWN MATERIAL IMMEDIATELY.

CONSTRUCTION SEQUENCE:

1.

OBTAIN ALL NECESSARY PERMITS FROM YORK COUNTY, SCDOT, AND THE SCDHEC.

A.

THE CONTRACTOR SHALL CONTACT THE SEDIMENT AND EROSION CONTROL INSPECTOR AT 803.909.7157 TO SET UP A PRELIMINARY CONSTRUCTION MEETING 48 HOURS PRIOR TO ANY LAND DISTURBANCE

B.

THE CONTRACTOR SHALL NOTIFY THE YORK COUNTY ENGINEERING AND PUBLIC WORKS DEPARTMENT IN WRITING OF COMMENCEMENT OF WORK THREE WORKING DAYS PRIOR TO STARTING CONSTRUCTION

2.

INSTALL SILT FENCE AND OTHER EROSION AND SEDIMENT CONTROL MEASURES AS SHOWN ON PLANS, CLEARING ONLY AS NECESSARY TO INSTALL THESE DEVICES.

A.

CALL YORK COUNTY ENVIRONMENTAL COMPLIANCE FOR ISSUANCE OF THE FINAL LAND DISTURBANCE PERMIT ONCE ALL MEASURES ARE INSTALLED.

B.

ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED IN ACCORDANCE WITH THE SOUTH CAROLINA DHEC STORM WATER MANAGEMENT BMP HANDBOOK.

3.

BEGIN CONSTRUCTION OF SITE IMPROVEMENTS.

A.

ALL CONSTRUCTION PROCEDURES SHALL BE IN ACCORDANCE WITH THE MOST RECENT YORK COUNTY WATER AND SEWER MINIMUM STANDARDS FOR THE DESIGN AND CONSTRUCTION OF WATER AND SANITARY SEWER SYSTEMS.

B.

TEMPORARY STABILIZATION IS REQUIRED WITHIN 14 DAYS AFTER CONSTRUCTION ACTIVITY IS COMPLETE UNLESS CONSTRUCTION ACTIVITY IS GOING TO RESUME WITHIN 21 DAYS.

4.

THE CONTRACTOR SHALL DILIGENTLY AND CONTINUOUSLY MAINTAIN ALL EROSION AND SEDIMENT CONTROL DEVICES.

5.

STABILIZE SITE AS AREAS ARE BROUGHT TO FINISHED GRADE.

6.

CONTACT YORK COUNTY WATER AND SEWER DEPARTMENT INSPECTOR TO CONDUCT INSPECTION OF THE GRAVITY SEWER LINES.

7.

FINISH CONSTRUCTION.

8.

THE NOTICE OF TERMINATION (NOT) WILL NEED TO BE FILED WITH YORK COUNTY ONCE THE SITE IS COMPLETE AND FINAL STABILIZATION HAS BEEN ACHIEVED. ONCE THE YORK COUNTY ENVIRONMENTAL COMPLIANCE INSPECTOR APPROVES THE SITE FOR (NOT). THE NOT FORM AND YORK COUNTY MS4 CERTIFICATION WILL NEED TO BE SUBMITTED TO SCDHEC

YORK COUNTY
ENGINEERING
STANDARDS

TESTING / INSPECTION
GENERAL NOTES

STD. No.

10.04

DATE

01/21

1.

NOTIFY THE ENGINEER OF RECORD AND YORK COUNTY AT LEAST 48 HOURS BEFORE STARTING CONSTRUCTION OF SEWER AND WATER FACILITIES. THE ENGINEER SHALL PERIODICALLY INSPECT THE PROGRESS OF INSTALLATION AND SHALL COMPLETE A FINAL WATER AND SEWER INSPECTION. THE ENGINEER OF RECORD AND YORK COUNTY SHALL WITNESS PRESSURE TESTING OF THE WATER SYSTEM, AND AIR AND MANDREL TESTING OF THE SEWER SYSTEM. THE CONTRACTOR SHALL FURNISH, SECURE, AND PROVIDE ALL NECESSARY TESTING MATERIALS, EQUIPMENT, PROCEDURES AND CERTIFIED LABORATORY TEST RESULTS FOR USE WITH ENGINEERS' FINAL CERTIFICATION OF COMPLETION.

2.

WATER MAINS AND SEWER FORCE MAINS MUST BE HYDROSTATICALLY TESTED PER YORK COUNTY SPECIFICATIONS AND UNDER THE SUPERVISION OF A YORK COUNTY INSPECTOR AND THE ENGINEER OF RECORD.

3.

DISINFECT WATER LINES AND PROVIDE ACCEPTABLE BACTERIOLOGICAL TEST FROM A CERTIFIED TESTING LABORATORY FOR USE WITH THE ENGINEERS' CERTIFICATION OF COMPLETION. A MINIMUM OF TWO (2) SAMPLES, COLLECTED AT LEAST TWENTY-FOUR (24) HOURS APART, ARE TO BE TAKEN FROM EACH SAMPLING SITE FOR TOTAL COLIFORM ANALYSIS AND TOTAL CHLORINE RESIDUAL. THE NUMBER OF TEST SITES MUST INCLUDE ALL DEAD-END LINES AND SHALL BE COLLECTED A MINIMUM OF EVERY 1,200 LINEAR FEET.

4.

SECURE FINAL OPERATIONAL APPROVAL FROM YORK COUNTY AND SCDHEC PRIOR TO ACTIVATION OF THE SYSTEM.

5.

TEST SANITARY SEWER LINES FOR DEFLECTION WITH A 5 % MANDREL NOT LESS THAN 30 DAYS AFTER COMPLETION OF BACKFILL. PERFORM LOW PRESSURE AIR TESTING IN ACCORDANCE WITH ASTM C-828 AND C924 ON ALL SEWER MAINS.

6.

TRENCH BACKFILL AND COMPACTION TESTING SHALL BE PERFORMED BY A CERTIFIED SOILS LABORATORY UNDER ALL AREAS WITHIN ROAD AND RAILWAY RIGHTS-OF-WAY. BACKFILL MATERIAL FROM THE BOTTOM OF TRENCH TO WITHIN SIX (6) INCHES OF THE SUBGRADE SHALL HAVE A MINIMUM DRY DENSITY OF 95% AS DEFINED BY THE STANDARD PROCTOR TEST. ALL MATERIAL WITHIN THE TOP 6 INCHES OF THE SUBGRADE LEVEL SHALL HAVE AN IN PLACE DENSITY OF 100%.

7.

THE CONTRACTOR SHALL SUPPLY THE ENGINEER WITH SEWER AS-BUILTS (LOCATION, ELEVATION, LENGTH, AND SLOPE) PREPARED BY A REGISTERED LAND SURVEYOR AND WATER SERVICE MEASUREMENTS SUITABLE FOR PREPARATION OF FINAL RECORD DRAWINGS.

8.

THE ENGINEER SHALL PROVIDE TO YORK COUNTY ENGINEERING A DIGITAL SET OF RECORD DRAWINGS IN AN AUTO-CAD FORMAT THAT IS GEO-REFERENCED TO THE SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM AND A DIGITAL SET OF RECORD DRAWINGS IN A PDF FORMAT.

Dewberry

Dewberry Engineers Inc.
9300 Harris Corners Parkway
Suite 220
Charlotte, NC 28269-2618
704.509.9918

SHEET INDEX

PLANNING & DEVELOPMENT SERVICES
YORK COUNTY, SC

APPROVED
Project No: 20201280
Date: 7/26/2022
LD Permit #20-00182

YORK COUNTY
STOCKBRIDGE TRUNK SEWER
SANITARY SEWER IMPROVEMENTS

100% CONSTRUCTION DOCUMENTS
NOT RELEASED FOR CONSTRUCTION

YORK COUNTY, SOUTH CAROLINA

SEAL

SOUTH CAROLINA
REGISTERED PROFESSIONAL ENGINEER
No 36433
BENJAMIN W. YORP
1926

COA

SOUTH CAROLINA
Dewberry
Engineers Inc.
4602
CERTIFICATE OF AUTHORIZATION

SCALE

REVISIONS

NO.	DESCRIPTION	DATE

DRAWN BY GLB

APPROVED BY BWK

CHECKED BY RSN

DATE JANUARY 2026

TITLE

GENERAL NOTES

PROJECT NO. 50076071

G-002

	1	2	3	4	5					
E	SCDHEC STANDARD NOTES									
	1. IF NECESSARY, SLOPES, WHICH EXCEED EIGHT (8) VERTICAL FEET SHOULD BE STABILIZED WITH SYNTHETIC OR VEGETATIVE MATS, IN ADDITION TO HYDROSEEDING. IT MAY BE NECESSARY TO INSTALL TEMPORARY SLOPE DRAINS DURING CONSTRUCTION. TEMPORARY BERMS MAY BE NEEDED UNTIL THE SLOPE IS BROUGHT TO GRADE.									
	2. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN FOURTEEN (14) DAYS AFTER WORK HAS CEASED, EXCEPT AS STATED BELOW. A. WHERE STABILIZATION BY THE 14TH DAY IS PRECLUDED BY SNOW COVER OR FROZEN GROUND CONDITIONS B. WHERE STABILIZATION BY THE 14TH DAY IS PRECLUDED BY SNOW COVER OR FROZEN GROUND CONDITIONS C. WHERE STABILIZATION BY THE 14TH DAY IS PRECLUDED BY SNOW COVER OR FROZEN GROUND CONDITIONS D. WHERE STABILIZATION BY THE 14TH DAY IS PRECLUDED BY SNOW COVER OR FROZEN GROUND CONDITIONS									
	3. ALL SEDIMENT AND EROSION CONTROL DEVICES SHALL BE INSPECTED ONCE EVERY CALENDAR WEEK. IF PERIODIC INSPECTION OR OTHER INFORMATION INDICATES THAT A BMP HAS BEEN INAPPROPRIATELY, OR INCORRECTLY, THE PERMITTEE MUST ADDRESS THE NECESSARY REPLACEMENT OR MODIFICATION REQUIRED TO CORRECT THE BMP WITHIN 48 HOURS OF IDENTIFICATION.									
D	4. PROVIDE SILT FENCE AND/OR OTHER CONTROL DEVICES, AS MAY BE REQUIRED, TO CONTROL SOIL EROSION DURING UTILITY CONSTRUCTION. ALL DISTURBED AREAS SHALL BE CLEANED, GRADED, AND STABILIZED WITH GRASSING IMMEDIATELY AFTER THE UTILITY INSTALLATION. FILL, COVER, AND TEMPORARY SEEDING AT THE END OF EACH DAY ARE RECOMMENDED. IF WATER IS ENCOUNTERED WHILE TRENCHING, THE WATER SHOULD BE FILTERED TO REMOVE SEDIMENT BEFORE BEING PUMPED BACK INTO ANY WATERS OF THE STATE.									
	5. ALL EROSION CONTROL DEVICES SHALL BE PROPERLY MAINTAINED DURING ALL PHASES OF CONSTRUCTION UNTIL THE COMPLETION OF ALL CONSTRUCTION ACTIVITIES AND ALL DISTURBED AREAS HAVE BEEN STABILIZED. ADDITIONAL CONTROL DEVICES MAY BE REQUIRED DURING CONSTRUCTION IN ORDER TO CONTROL EROSION AND/OR OFFSITE SEDIMENTATION. ALL TEMPORARY CONTROL DEVICES SHALL BE REMOVED ONCE CONSTRUCTION IS COMPLETE AND THE SITE IS STABILIZED.									
	6. THE CONTRACTOR MUST TAKE NECESSARY ACTION TO MINIMIZE THE TRACKING OF MUD ONTO PAVED ROADWAY(S) FROM CONSTRUCTION AREAS AND THE GENERATION OF DUST. THE CONTRACTOR SHALL DAILY REMOVE MUD/SOIL FROM PAVEMENT, AS MAY BE REQUIRED.									
	7. RESIDENTIAL SUBDIVISIONS REQUIRE EROSION CONTROL FEATURES FOR INFRASTRUCTURE AS WELL AS FOR INDIVIDUAL LOT CONSTRUCTION. INDIVIDUAL PROPERTY OWNERS SHALL FOLLOW THESE PLANS DURING CONSTRUCTION OR OBTAIN APPROVAL OF AN INDIVIDUAL PLAN IN ACCORDANCE WITH S.C. REG. 72-300 ET SEQ. AND SCR100000.									
C	8. TEMPORARY DIVERSION BERMS AND/OR DITCHES WILL BE PROVIDED AS NEEDED DURING CONSTRUCTION TO PROTECT WORK AREAS FROM UPSLOPE RUNOFF AND/OR TO DIVERT SEDIMENT-LADEN WATER TO APPROPRIATE TRAPS OR STABLE OUTLETS.									
	9. ALL WATERS OF THE STATE (WOS), INCLUDING WETLANDS, ARE TO BE FLAGGED OR OTHERWISE CLEARLY MARKED IN THE FIELD. A DOUBLE ROW OF SILT FENCE IS TO BE INSTALLED IN ALL AREAS WHERE A 50-FOOT BUFFER CAN'T BE MAINTAINED BETWEEN THE DISTURBED AREA AND ALL WOS. A 10-FOOT BUFFER SHOULD BE MAINTAINED BETWEEN THE LAST ROW OF SILT FENCE AND ALL WOS.									
	10. LITTER, CONSTRUCTION DEBRIS, OILS, FUELS, AND BUILDING PRODUCTS WITH SIGNIFICANT POTENTIAL FOR IMPACT (SUCH AS STOCKPILES OF FRESHLY TREATED LUMBER) AND CONSTRUCTION CHEMICALS THAT COULD BE EXPOSED TO STORM WATER MUST BE PREVENTED FROM BECOMING A POLLUTANT SOURCE IN STORM WATER DISCHARGES.									
	11. A COPY OF THE SWPPP, INSPECTIONS RECORDS, AND RAINFALL DATA MUST BE RETAINED AT THE CONSTRUCTION SITE OR A NEARBY LOCATION EASILY ACCESSIBLE DURING NORMAL BUSINESS HOURS, FROM THE DATE OF COMMENCEMENT OF CONSTRUCTION ACTIVITIES TO THE DATE THAT FINAL STABILIZATION IS REACHED.									
B	12. INITIATE STABILIZATION MEASURES ON ANY EXPOSED STEEP SLOPE (3H:1V OR GREATER) WHERE LAND-DISTURBING ACTIVITIES HAVE PERMANENTLY OR TEMPORARILY CEASED, AND WILL NOT RESUME FOR A PERIOD OF 7 CALENDAR DAYS.									
	13. MINIMIZE SOIL COMPACTION AND, UNLESS INFEASIBLE, PRESERVE TOPSOIL.									
	14. MINIMIZE THE DISCHARGE OF POLLUTANTS FROM EQUIPMENT AND VEHICLE WASHING, WHEEL WASH WATER, AND OTHER WASH WATERS. WASH WATERS MUST BE TREATED IN A SEDIMENT BASIN OR ALTERNATIVE CONTROL THAT PROVIDES EQUIVALENT OR BETTER TREATMENT PRIOR TO DISCHARGE;									
	15. MINIMIZE THE DISCHARGE OF POLLUTANTS FROM DEWATERING OF TRENCHES AND EXCAVATED AREAS. THESE DISCHARGES ARE TO BE ROUTED THROUGH APPROPRIATE BMPS (SEDIMENT BASIN, FILTER BAG, ETC.).									
A	16. THE FOLLOWING DISCHARGES FROM SITES ARE PROHIBITED: A. WASTEWATER FROM WASHOUT OF CONCRETE, UNLESS MANAGED BY AN APPROPRIATE CONTROL; B. WASTEWATER FROM WASHOUT AND CLEANOUT OF STUCCO, PAINT, FORM RELEASE OILS, CURING COMPOUNDS AND OTHER CONSTRUCTION MATERIALS; C. FUELS, OILS, OR OTHER POLLUTANTS USED IN VEHICLE AND EQUIPMENT OPERATION AND MAINTENANCE; AND D. SOAPS OR SOLVENTS USED IN VEHICLE AND EQUIPMENT WASHING									
	17. AFTER CONSTRUCTION ACTIVITIES BEGIN, INSPECTIONS MUST BE CONDUCTED AT A MINIMUM OF AT LEAST ONCE EVERY CALENDAR WEEK AND MUST BE CONDUCTED UNTIL FINAL STABILIZATION IS REACHED ON ALL AREAS OF THE CONSTRUCTION SITE.									
	18. IF EXISTING BMPS NEED TO BE MODIFIED OR IF ADDITIONAL BMPS ARE NECESSARY TO COMPLY WITH THE REQUIREMENTS OF THIS PERMIT AND/OR SC'S WATER QUALITY STANDARDS, IMPLEMENTATION MUST BE COMPLETED BEFORE THE NEXT STORM EVENT WHENEVER PRACTICABLE. IF IMPLEMENTATION BEFORE THE NEXT STORM EVENT IS IMPRACTICABLE, THE SITUATION MUST BE DOCUMENTED IN THE SWPPP AND ALTERNATIVE BMPS MUST BE IMPLEMENTED AS SOON AS REASONABLY POSSIBLE.									
	19. A PRE-CONSTRUCTION CONFERENCE MUST BE HELD FOR EACH CONSTRUCTION SITE WITH AN APPROVED ON-SITE SWPPP PRIOR TO THE IMPLEMENTATION OF CONSTRUCTION ACTIVITIES. FOR NON-LINEAR PROJECTS THAT DISTURB 10 ACRES OR MORE THIS CONFERENCE MUST BE HELD ON-SITE UNLESS THE DEPARTMENT HAS APPROVED OTHERWISE.									
NPDES STORMWATER CONSTRUCTION GENERAL PERMIT										
1. SITE IS EXEMPT FROM BUFFER REQUIREMENTS DUE TO SECTION 3.2.4.C.IV.A. LINEAR PROJECTS. A. THIS INCLUDES ANY LINEAR CONSTRUCTION PROJECTS, TO INCLUDE ROADWAYS AND/OR UTILITIES (SUCH AS ROADS THAT ARE NOT PART OF A DEVELOPMENT AND UTILITY CONSTRUCTION INCLUDING ELECTRICAL POWER LINES, GAS LINES, MAIN SEWER TRUNK LINES, WATER DISTRIBUTION LINES, AND OTHER UTILITIES THAT ARE NOT PART OF A DEVELOPMENT)										
YORK COUNTY STANDARD NOTES:										
1. FOLLOWING THE PRE-CONSTRUCTION CONFERENCE, CONTACT YORK COUNTY ENVIRONMENTAL COMPLIANCE AT (803) 909-7250 NOT LESS THAN 48 HOURS BEFORE COMMENCEMENT OF THE LAND-DISTURBING ACTIVITY. THE PERMITTEE SHALL ALSO CONTACT YORK COUNTY AFTER THE REMOVAL OF THE TEMPORARY SEDIMENT CONTROL MEASURES AND THE CONVERSION OF ANY BMPS REQUIRED TO BE CONVERTED INTO PERMANENT CONTROL MEASURES, ONCE THE SITE HAS BEEN FINALLY STABILIZED;										
2. STAGE OF WORK, RELATED TO THE CONSTRUCTION OF STORMWATER MANAGEMENT FACILITIES, SHALL PROCEED TO THE NEXT SUBSEQUENT STAGE OF WORK, ACCORDING TO THE SEQUENCE SPECIFIED IN THE APPROVED C-SWPPP STAGED CONSTRUCTION AND INSPECTION CONTROL SCHEDULE UNTIL IT IS INSPECTED AND APPROVED BY YORK COUNTY.										
3. THE PERMITTEE ENGAGED IN OR CONDUCTING THE LAND-DISTURBING ACTIVITY SHALL BE RESPONSIBLE FOR INSTALLING AND MAINTAINING ALL TEMPORARY AND PERMANENT EROSION AND SEDIMENT CONTROL MEASURES AND FACILITIES DURING THE DEVELOPMENT OF A SITE, AS REQUIRED BY THE APPROVED PLAN OR ANY PROVISION OF THE YORK COUNTY STORMWATER ORDINANCE. OPERATIONS AND MAINTENANCE CONDITIONS SHALL BE INCLUDED IN THE PLAN OUTLINING HOW THE PERMITTEE AND OWNER INTENDS TO PROVIDE FOR OPERATIONS AND MAINTENANCE DURING AND POST CONSTRUCTION;										
4. STOCKPILES SHALL BE TEMPORARY AND SHALL BE LEVELED TO CONFORM TO SURROUNDING ELEVATION AS A PRECONDITION FOR ANY OF THE FOLLOWING, WHICHEVER OCCURS FIRST: A. REQUEST FOR A NOTICE OF TERMINATION, OR, B. REQUEST FOR YORK COUNTY ACCEPTANCE OF A ROAD OR STREET IN ACCORDANCE WITH THE ROAD/STREET ACCEPTANCE REQUIREMENTS OF CHAPTER 154 - SUBDIVISION CODE OF THE YORK COUNTY CODE OF ORDINANCES.										
5. AREAS AT FINAL GRADE SHALL RECEIVE PERMANENT STABILIZATION MEASURES WITHIN 14 CALENDAR DAYS OF REACHING FINAL GRADE;										
6. THE RESPONSIBILITY FOR MAINTAINING ALL PERMANENT EROSION AND SEDIMENT CONTROL MEASURES AND FACILITIES, INCLUDING EASEMENTS, AFTER SITE LAND-DISTURBING ACTIVITY IS COMPLETED SHALL LIE WITH THE LANDOWNER OR PERSON IN POSSESSION OR CONTROL INCLUDING THE DEVELOPER, THE DEVELOPER'S DESIGNEE, OR ANY HOMEOWNER'S ASSOCIATION, PROPERTY OWNER'S ASSOCIATION OR OTHER COMMON OWNER ENTITY ESTABLISHED FOR THE GOVERNANCE/ADMINISTRATION OF A SUBDIVISION OR COMMON PLAN OF DEVELOPMENT, EXCEPT FACILITIES AND MEASURES INSTALLED WITHIN ROAD OR STREET RIGHTS-OF-WAY OR EASEMENTS ACCEPTED FOR MAINTENANCE BY YORK COUNTY;										
7. APPROVED PLANS REMAIN VALID FOR FIVE YEARS FROM THE DATE OF AN APPROVAL.										
1. SEWER FORCE MAINS LESS THAN 4 INCH IN DIAMETER SHALL BE PVC ASTM-D2241 SDR13.5 CLASS 315. ALL MAINS 4 INCH TO 12 INCH SHALL BE AWWA C-900, PRESSURE CLASS 200 PVC SDR14. FITTINGS 4 INCHES AND LARGER SHALL BE MECHANICAL JOINT CAST IRON. FITTINGS LESS THAN 4 INCH SHALL BE SLIP JOINT PVC PER SPECIFICATIONS. PVC PIPING SHALL BE INSTALLED WITH APPROVED COPPER LOCATING WIRE. 2. SANITARY SEWER MAINS SHALL BE PVC (ASTM D3034- SDR 35) WITH STONE BEDDING EXCEPT WHERE DUCTILE IRON PIPE OR LONG SPAN STEEL PIPE IS SHOWN. DUCTILE IRON PIPE SHALL BE BITUMINOUS COATED, CEMENT LINED WITH PUSH-ON JOINTS CONFORMING TO ASA A21.54 PC350. TRANSITIONAL COUPLINGS SHALL BE USED FOR PVC/DI SEWER CONNECTIONS. SEWER SERVICES SHALL BE SCHEDULE 40 PVC LONG SPAN STEEL PIPE SHALL BE COATED ON BOTH SIDES WITH 4 MILS EPOXY. ANY SEWER LINE PLACED 18 FEET OR GREATER IN DEPTH SHALL BE DUCTILE IRON PIPE. 3. ALL SEWER MANHOLES SHALL BE PRE-CAST CONCRETE WITH INTEGRALLY CAST WATERTIGHT CONNECTIONS. 4. SANITARY SEWER LATERALS SHALL BE 4 INCH DIAMETER EXCEPT AS SPECIFICALLY NOTED. 5. CONTRACTOR SHALL STABILIZE ALL OUT OF STREET GRAVITY SEWER RIGHTS OF WAY WITH GRASS. 6. DIP SHALL BE IN ACCORDANCE WITH AWWA C150/A21.50 & AWWA C151/A21.51. 7. A CONTINUOUS AND UNIFORM BEDDING SHALL BE PROVIDED IN THE TRENCH FOR ALL BURIED PIPE. BACK-FILL MATERIAL SHALL BE TAMPED IN LAYERS AROUND THE PIPE AND TO A SUFFICIENT HEIGHT ABOVE THE PIPE TO ADEQUATELY SUPPORT AND PROTECT THE PIPE. STONES, OTHER THAN CRUSHED BEDDING, SHALL NOT COME INTO CONTACT WITH THE PIPE AND SHALL NOT BE WITHIN SIX (6) INCHES OF THE PIPE. 8. ALL OFF-SITE SEWER MANHOLES MUST BE A MINIMUM OF TWO (2) FEET ABOVE FINISHED GRADE OR THE 100 YEAR FLOOD PLAIN ELEVATION. ALL MANHOLE TOPS ARE TO BE BOLTED DOWN TO THE PRE-CAST HOUSINGS. 9. AN "S" MUST BE ETCHED INTO THE CURBING SHOWING THE LOCATION OF SEWER LATERALS. 10. MANHOLES MUST NOT BE PLACED WITHIN THE WHEEL-PATHS OF ANY ROADWAY TRAVELING LANES. 11. SEWER SERVICE LATERALS CONNECTING TO THE MAINLINE WITHIN 10' OF A MANHOLE MUST GO DIRECTLY INTO THE MANHOLE. 12. ALL SERVICE LINES REQUIRE INDIVIDUAL CONNECTIONS TO THE MAIN. MULTIPLE SERVICE LINES INTERCONNECTING WILL NOT BE ALLOWED. 13. FORCE MAINS TYING INTO MANHOLES SHALL ENTER THE MANHOLE A VERTICAL DISTANCE OF NOT MORE THAN TWO (2) FEET ABOVE THE FLOW LINE OF THE RECEIVING MANHOLE. 14. SEWER LATERALS BELOW MANHOLE BASE ELEVATION ARE REQUIRED TO HAVE A BACKWATER VALVE.										
YORK COUNTY ENGINEERING STANDARDS		SEWER NOTES		STD. NO. 10.03 DATE 01/21						
1. FIRE HYDRANTS SHALL BE YORK COUNTY STANDARD. 2. ALL WATER MAIN VALVES MUST OPEN COUNTERCLOCKWISE IN CONFORMANCE WITH YORK COUNTY STANDARDS. 3. BLOCKING SHALL BE INSTALLED AT ALL BENDS, TEES, VALVES, REDUCERS, BLOW-OFFS, AND HYDRANT LOCATIONS, UNLESS ALTERNATIVES ARE SHOWN ON DETAILS. 4. WATER MAINS LESS THAN 4 INCH IN DIAMETER SHALL BE PVC ASTM D2241 SDR 13.5, CLASS 315. ALL MAINS 4 INCH TO 12 INCH SHALL BE AWWA C-900 PRESSURE CLASS 200 PVC SDR14. FITTINGS LESS THAN 4 INCH SHALL BE SLIP JOINT PVC PER SPECIFICATIONS. PVC PIPING SHALL BE INSTALLED WITH APPROVED COPPER LOCATING WIRE. 5. ASBESTOS CEMENT PIPE SHALL NOT BE USED IN POTABLE WATER SYSTEMS. 6. DIP SHALL BE IN ACCORDANCE WITH AWWA C150/A21.50 & AWWA C151/A21.51 7. NO FLUSHING DEVICE SHALL BE DIRECTLY CONNECTED TO ANY SEWER SYSTEM. 8. CHAMBERS, PITS OR MANHOLES CONTAINING VALVES, BLOW-OFFS, METERS, AIR RELIEF VALVES OR OTHER SUCH APPURTENANCES TO A POTABLE WATER DISTRIBUTION SYSTEM, SHALL NOT BE CONNECTED DIRECTLY TO ANY STORM DRAIN OR SANITARY SEWER. 9. INSTALLATION OF WATER MAINS AND APPURTENANCES SHALL BE CONDUCTED IN ACCORDANCE SECTION C OF THE AWWA STANDARDS AND/OR MANUFACTURER'S RECOMMENDED INSTALLATION PROCEDURES. 10. A CONTINUOUS AND UNIFORM BEDDING SHALL BE PROVIDED IN THE TRENCH FOR ALL BURIED PIPE. BACK-FILL MATERIAL SHALL BE TAMPED IN LAYERS AROUND THE PIPE AND TO A SUFFICIENT HEIGHT ABOVE THE PIPE TO ADEQUATELY SUPPORT AND PROTECT THE PIPE. STONES, OTHER THAN CRUSHED BEDDING, SHALL NOT COME INTO CONTACT WITH THE PIPE AND SHALL NOT BE WITHIN SIX (6) INCHES OF THE PIPE. 11. ALL WATER MAINS SHALL MEET THE YORK COUNTY WATER SPECIFICATIONS FOR PIPE WARNING TAPE AND TRACING WIRE. REFER TO YORK COUNTY WATER & SEWER STANDARDS TECHNICAL SPECIFICATIONS SECTION 33 05 05, SECTION 2.2 FOR PROPER INSTALLATION. 12. A "W" MUST BE ETCHED INTO THE CURBING SHOWING THE LOCATION OF WATER METERS. 13. A "V" MUST BE ETCHED INTO THE CURBING SHOWING THE LOCATION OF VALVES. 14. VALVES CANNOT BE LOCATED IN SIDEWALKS, CURBING, DRIVEWAYS, OR ASPHALT AREAS. 15. REFER TO YORK COUNTY STANDARD SPECIFICATIONS AND DETAILS REGARDING SERVICE LINE MATERIAL. 16. ALL SERVICE LINES REQUIRE INDIVIDUAL CONNECTIONS TO THE MAIN. MULTIPLE SERVICE LINES INTERCONNECTING WILL NOT BE ALLOWED. 17. WATER MAINS WHICH HAVE BEEN PREVIOUSLY USED FOR CONVEYING POTABLE WATER MAY BE REUSED PROVIDED THEY MEET APPLICABLE CRITERIA FROM AWWA SECTION C, ANSI/NSF 61 AND ASTM D1785 OR D2241. THE MAINS MUST BE THOROUGHLY CLEANED AND RESTORED PRACTICALLY TO THEIR ORIGINAL CONDITION. 18. THERMOPLASTIC PIPE SHALL NOT BE USED ABOVE GRADE.										
YORK COUNTY ENGINEERING STANDARDS		WATER/SEWER GENERAL NOTES		STD. NO. 10.01 DATE 01/21						
19. NATURAL RUBBER OR OTHER MATERIAL WHICH WILL SUPPORT MICROBIOLOGICAL GROWTH MAY NOT BE USED FOR ANY GASKETS, O-RINGS, AND OTHER PRODUCTS USED FOR JOINTING PIPES, SETTING METERS OR VALVES, OR OTHER APPURTENANCES WHICH WILL EXPOSE THE MATERIAL TO THE WATER. 20. LUBRICANTS WHICH WILL SUPPORT MICROBIOLOGICAL GROWTH SHALL NOT BE USED FOR SLIP-ON JOINTS. 21. THE USE OF VEGETABLE SHORTENING TO LUBRICATE JOINTS IS PROHIBITED. 22. THE USE OF SOLVENT-WELD PVC PIPE AND FITTINGS IN WATER MAINS 4 INCHES AND LARGER IS PROHIBITED. 23. AT NO TIME SHALL A POTABLE WATER LINE PASS THROUGH OR COME INTO CONTACT WITH ANY PART OF A SEWER MANHOLE. 24. AIR RELIEF VALVES SHALL BE PROVIDED IN ACCORDANCE WITH SOUND ENGINEERING PRACTICE AT HIGH POINTS IN WATER MAINS AS REQUIRED. AUTOMATIC AIR RELIEF VALVES SHALL NOT BE USED IN SITUATIONS WHERE FLOODING OF THE INSTALLATION MANHOLE OR CHAMBER MAY OCCUR. 25. BLOW-OFFS SHOULD NOT BE DIRECTED TOWARDS ROADS OR SO THAT THE WATER FROM THE BLOW-OFF FLOWS INTO CREEKS, STREAMS, ETC... DIRECT BLOW-OFFS AT STREAM CROSSINGS AWAY FROM THE STREAM. 26. USE DIP WITH MECHANICAL JOINTS FOR ANY LINES BEING INSTALLED IN ROCK. 27. ANY PIPE, SOLDER, OR FLUX WHICH IS USED IN THE INSTALLATION OR REPAIR OF ANY PUBLIC WATER SYSTEM, USED IN ANY PLUMBING WHICH PROVIDES WATER THROUGH CONNECTION TO A PUBLIC WATER SYSTEM, FOR HUMAN CONSUMPTION, SHALL BE LEAD FREE. LEAD FREE, FOR SOLDER AND FLUX, MEAN THOSE CONTAINING NOT MORE THAN 0.2% LEAD. LEAD FREE, FOR PIPES AND PIPE FITTINGS, AS THOSE CONTAINING NOT MORE THAN 8.0% LEAD. LEADED JOINTS NECESSARY FOR THE REPAIR OF CIP SHALL BE EXEMPT FROM THE ABOVE. 28. THERE SHALL BE NO CONNECTION BETWEEN THE DISTRIBUTIONS SYSTEM AND ANY PIPES, PUMPS, HYDRANTS, OR TANKS WHEREBY UNSAFE WATER OR OTHER CONTAMINATION MATERIALS MAY BE DISCHARGED OR DRAWN INTO THE SYSTEM. NO BY-PASSES SHALL BE ALLOWED, UNLESS THE BYPASS IS ALSO EQUIPPED WITH AN EQUAL, APPROVED BACK-FLOW DEVICE. 29. REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTION ASSEMBLIES SHALL NOT BE INSTALLED IN ANY AREA LOCATION SUBJECT TO POSSIBLE FLOODING. 30. ALL PIPING UP TO THE INLET OF THE BACKFLOW PREVENTION DEVICE MUST BE SUITABLE FOR POTABLE WATER. THE PIPE MUST BE AWWA OR NSF APPROVED. BLACK STEEL PIPE CANNOT BE USED ON THE INLET SIDE OF THE DEVICE. 31. FIRE LINE SPRINKLERS AND DEDICATED FIRE LINES, EXCEPT THOSE IN THE HIGH HAZARD CATEGORY, SHALL BE PROTECTED BY AN APPROVED DOUBLE CHECK VALVE ASSEMBLY.										
YORK COUNTY ENGINEERING STANDARDS		WATER/SEWER GENERAL NOTES		STD. NO. 10.01 DATE 01/21						



Dewberry Engineers Inc.

9300 Harris Corners Parkway
Suite 220
Charlotte, NC 28269-2618
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SHEET INDEX



APPROVED

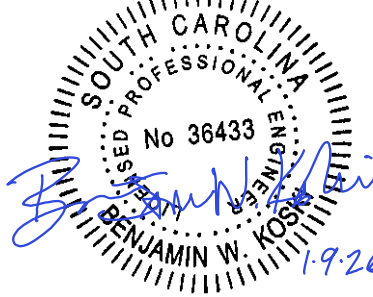
Project No: 20201280

Date: 7/26/2022

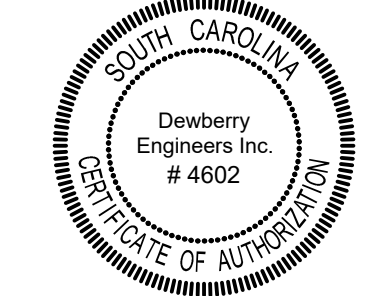
LD Permit #20-00182

YORK COUNTY
STOCKBRIDGE TRUNK SEWER
SANITARY SEWER IMPROVEMENTS
100% CONSTRUCTION DOCUMENTS
NOT RELEASED FOR CONSTRUCTION
YORK COUNTY, SOUTH CAROLINA

SEAL



COA



SCALE

REVISIONS

NO.	DESCRIPTION	DATE

DRAWN BY GLB

APPROVED BY BWK

CHECKED BY RSN

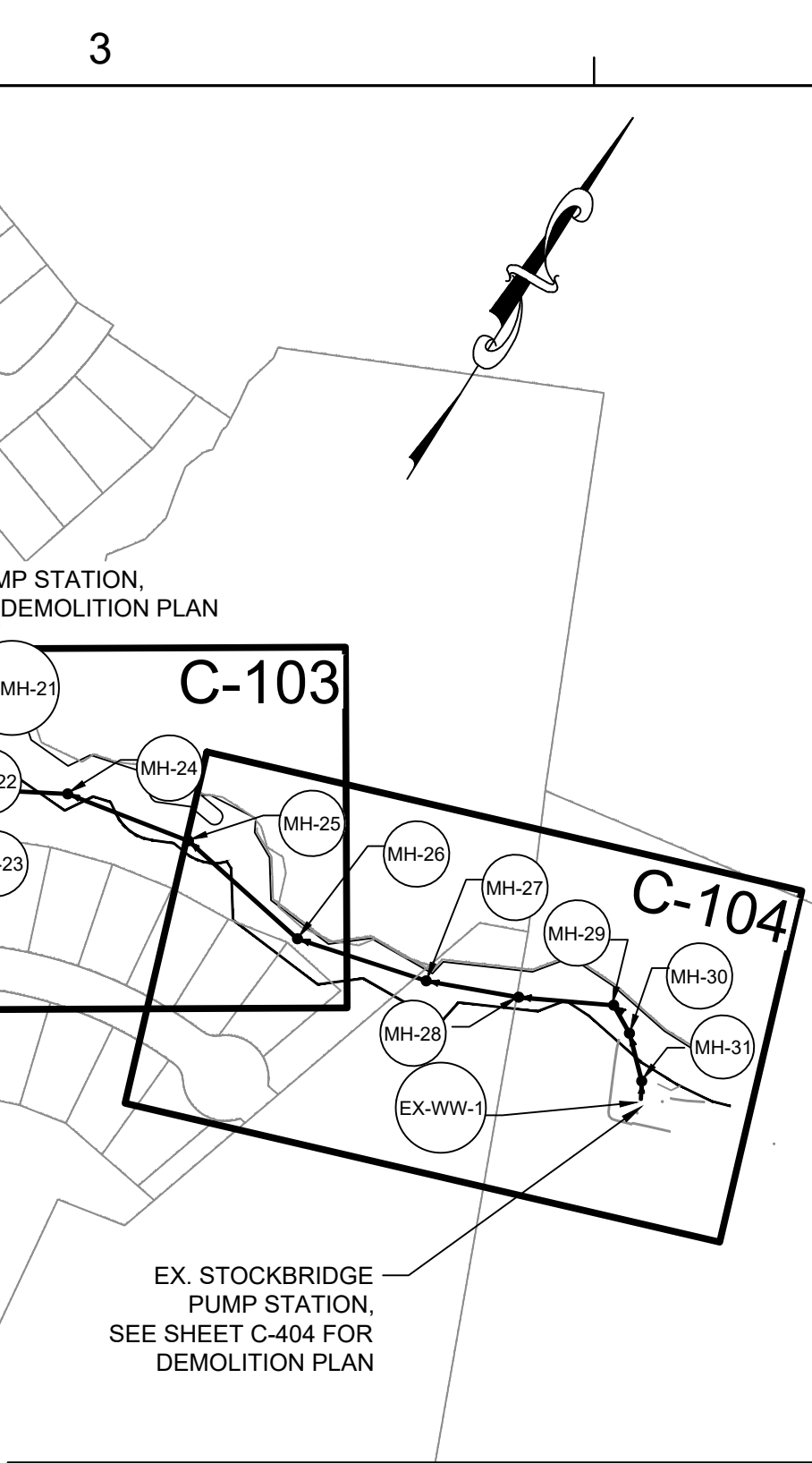
DATE JANUARY 2026

TITLE

**CONSTRUCTION
NOTES**

PROJECT NO. 50076071

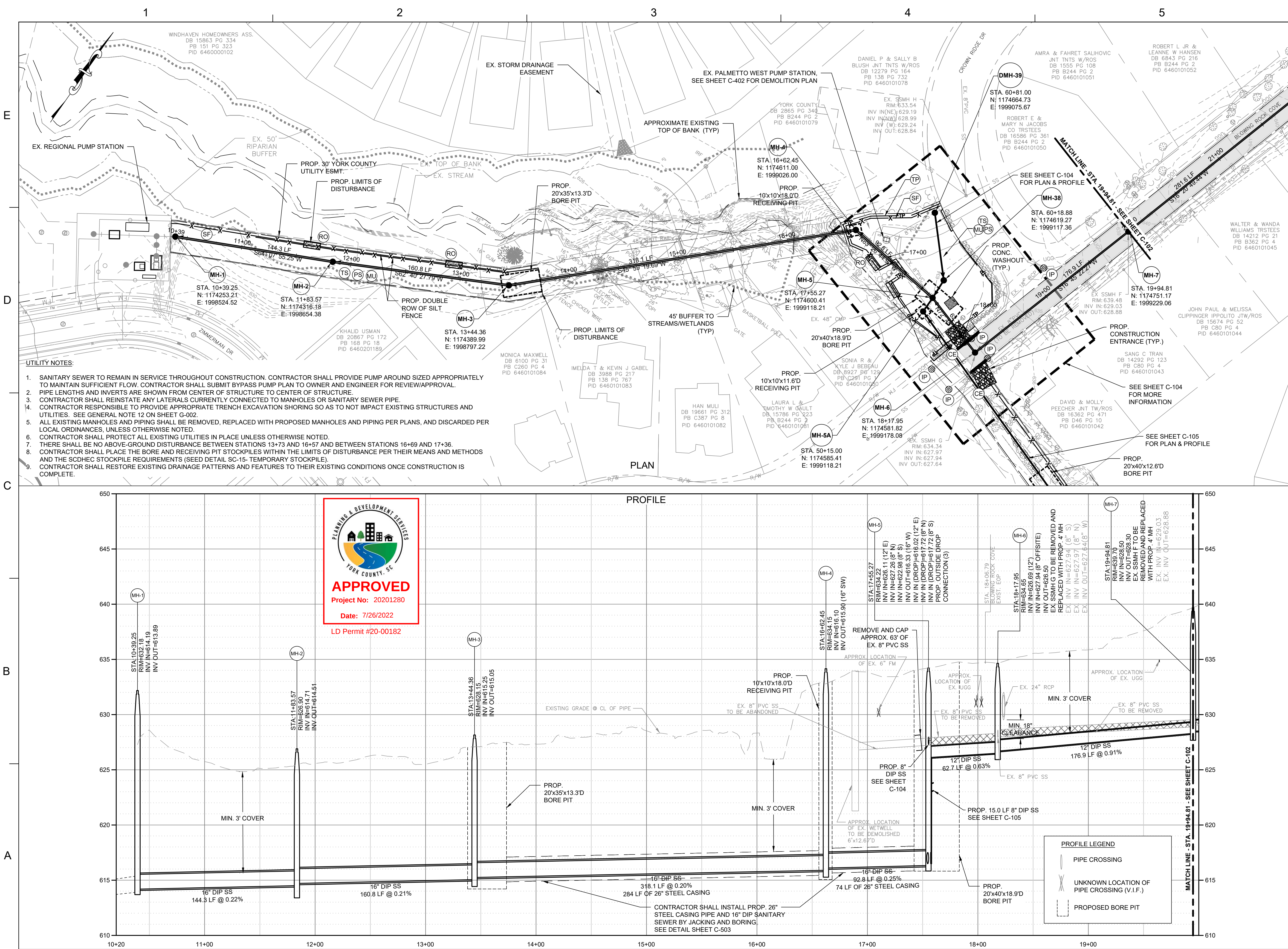
G-003



Pipe Run	From	To	Incremental (MGD)	Total Average Flow (MGD)	Total Peak Flow (MGD)	Total Peak Flow (gpd)	Slope (%)	Diameter of Pipe (in)	Flowing Full		Peak Flow Velocity (fps)	Peak Flow % Full	Invert Elevations		Drop (feet)	Length (feet)
									Capacity (MGD)	Velocity (fps)			In	Out		
P-39	DMH-39	MH-38	0.0081	0.0081	0.0203	20,300	0.42	8	0.51	2.25	0.2704	4.00	627.71	627.45	0.26	61.70
P-38	MH-38	MH-5	0.0000	0.0081	0.0203	20,300	0.42	8	0.51	2.26	0.2711	3.99	627.34	627.26	0.08	18.88
P-37	EX-SSMH-1	MH-36	0.0644	0.0644	0.1611	161,088	0.59	8	0.60	2.66	0.9044	26.91	638.50	638.28	0.22	37.46
P-36	MH-36	MH-35	0.0000	0.0644	0.1611	161,088	0.71	8	0.66	2.93	0.9952	24.46	638.08	636.67	1.41	198.30
P-35	MH-35	MH-34	0.0000	0.0644	0.1611	161,088	0.60	8	0.61	2.69	0.9145	26.62	634.69	633.28	1.41	234.82
P-34	MH-34	MH-33	0.0000	0.0644	0.1611	161,088	0.60	8	0.61	2.69	0.9149	26.61	633.08	632.36	0.72	119.81
P-33	MH-33	MH-32	0.0000	0.0644	0.1611	161,088	0.59	8	0.60	2.68	0.9103	26.74	632.16	631.74	0.42	70.60
P-32	MH-32	MH-5A	0.0000	0.0644	0.1611	161,088	0.46	8	0.53	2.35	0.8471	30.43	624.39	623.33	1.06	230.68
P-42	MH-5A	MH-5	0.0000	0.0644	0.1611	161,088	1.00	8	0.78	3.47	1.0413	20.63	623.13	622.98	0.15	15.00
P-41	EX-VWV-1	MH-31	0.0666	0.0666	0.1665	166,500	0.44	12	1.52	3.00	0.6606	10.95	664.00	663.89	0.11	25.24
P-40	MH-31	MH-30	0.0000	0.0666	0.1665	166,500	3.00	12	3.99	7.87	0.9447	4.18	663.55	661.83	1.72	57.42
P-31	MH-30	MH-29	0.0000	0.0666	0.1665	166,500	8.09	12	6.55	12.94	1.2937	2.54	660.63	657.58	3.05	37.70
P-30	MH-29	MH-28	0.0000	0.0666	0.1665	166,500	0.41	12	1.48	2.93	0.6442	11.23	657.32	656.86	0.46	111.00
P-29	MH-28	MH-27	0.0000	0.0666	0.1665	166,500	0.46	12	1.56	3.08	0.6766	10.69	656.73	656.23	0.50	109.35
P-28	MH-27	MH-26	0.0000	0.0666	0.1665	166,500	0.98	12	2.28	4.51	0.8116	7.29	656.03	654.48	1.55	157.74
P-27	MH-26	MH-25	0.0000	0.0666	0.1665	166,500	0.22	12	1.09	2.15	0.5579	15.33	652.58	652.20	0.38	170.78
P-26	MH-25	MH-24	0.0000	0.0666	0.1665	166,500	0.84	12	2.11	4.16	0.7485	7.91	652.00	650.74	1.26	150.74
P-25	MH-24	MH-23	0.0000	0.0666	0.1665	166,500	0.83	12	2.10	4.15	0.7469	7.93	650.54	648.97	1.57	188.65
P-24	MH-23	MH-22	0.0000	0.0666	0.1665	166,500	0.21	12	1.07	2.10	0.5471	15.63	648.77	648.63	0.14	65.40
P-23	MH-22	EX-MH-21	0.0000	0.0666	0.1665	166,500	0.23	12	1.10	2.18	0.5658	15.11	648.43	648.33	0.10	43.70
P-22	EX-MH-21	EX-MH-20	0.0134	0.0800	0.2001	200,100	0.22	12	1.07	2.12	0.5945	18.61	648.13	647.80	0.33	151.43
P-21	EX-MH-20	EX-MH-19	0.0000	0.0800	0.2001	200,100	0.22	12	1.09	2.16	0.6039	18.32	647.60	647.54	0.06	26.68
P-20	EX-MH-19	EX-MH-18	0.0000	0.0800	0.2001	200,100	0.22	12	1.07	2.11	0.5915	18.71	647.34	647.22	0.12	55.64
P-19	EX-MH-18	MH-17	0.0000	0.0800	0.2001	200,100	0.22	12	1.09	2.15	0.6027	18.36	647.02	646.86	0.16	71.45
P-18	MH-17	MH-16	0.0316	0.1117	0.2792	279,200	0.22	12	1.09	2.15	0.7300	25.69	639.05	638.88	0.17	76.30
P-17	MH-16	MH-15	0.0000	0.1117	0.2792	279,200	0.22	12	1.08	2.13	0.7245	25.88	638.68	638.50	0.18	82.03
P-16	MH-15	MH-14	0.0000	0.1117	0.2792	279,200	0.21	12	1.06	2.10	0.7137	26.27	638.31	638.18	0.13	61.05
P-15	MH-14	MH-13	0.0000	0.1117	0.2792	279,200	0.25	12	1.15	2.27	0.7271	24.27	637.98	637.82	0.16	64.13
P-14	MH-13	MH-12	0.0000	0.1117	0.2792	279,200	0.23	12	1.09	2.16	0.7346	25.53	635.85	635.71	0.14	62.05
P-13	MH-12	MH-11	0.0000	0.1117	0.2792	279,200	0.22	12	1.07	2.12	0.7211	26.00	635.51	635.32	0.19	87.38
P-12	MH-11	MH-10	0.0000	0.1117	0.2792	279,200	0.22	12	1.08	2.13	0.7241	25.90	635.12	634.56	0.56	255.46
P-11	MH-10	MH-9	0.0000	0.1117	0.2792	279,200	0.89	12	2.17	4.29	1.0296	12.86	634.36	633.15	1.21	136.01
P-10	MH-9	MH-8	0.0000	0.1117	0.2792	279,200	2.34	12	3.52	6.95	1.2513	7.93	631.34	629.56	1.78	76.21
P-9	MH-8	MH-7	0.0017	0.1134	0.2834	283,400	0.31	12	1.27	2.51	0.8044	22.27	629.36	628.50	0.86	281.60
P-8	MH-7	MH-6	0.0006	0.1139	0.2846	284,800	0.91	12	2.20	4.34	1.0416	12.96	628.30	626.69	1.61	176.85
P-7	MH-6	MH-5	0.0126	0.1265	0.3163	316,300	0.62	12	1.82	3.59	1.0045	17.42	626.50	626.11	0.39	62.69
P-5	MH-5	MH-4	0.0000	0.1991	0.4977	497,688	0.25	16	2.47	2.74	0.8229	20.16	616.33	616.10	0.23	92.80
P-4	MH-4	MH-3	0.0000	0.1991	0.4977	497,688	0.20	16	2.24	2.49	0.7971	22.20	615.90	615.25	0.65	318.10
P-3	MH-3	MH-2	0.0000	0.1991	0.4977	497,688	0.21	16	2.28	2.53	0.7601	21.82	615.05	614.71	0.34	160.79
P-2	MH-2	MH-1	0.0000	0.1991	0.4977	497,688	0.22	16	2.34	2.59	0.7784	21.31	614.51	614.19	0.32	144.32

SOIL TYPES IN PROJECT AREA:	
HAB	HARD LABOR SANDY LOAM, 2 TO 6 PERCENT SLOPES
HAC	HARD LABOR SANDY LOAM, 6 TO 10 PERCENT SLOPES
HEB	HELENA SANDY LOAM, 2 TO 6 PERCENT SLOPES
PAE2	PACOLET SANDY CLAY LOAM, 15 TO 25 PERCENT SLOPES, MODERATELY ERODED
PHD	PACOLET-HARD LABOR COMPLEX, 10 TO 15 PERCENT SLOPES

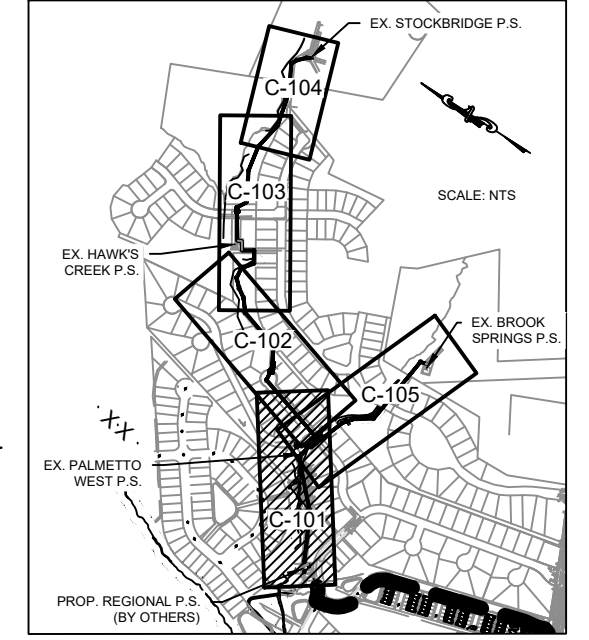
G-004



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SHEET INDEX

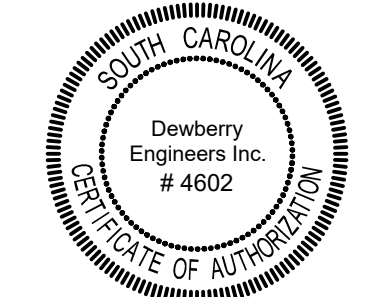


YORK COUNTY
STOCKBRIDGE TRUNK SEWER
SANITARY SEWER IMPROVEMENTS
100% CONSTRUCTION DOCUMENTS
NOT RELEASED FOR CONSTRUCTION
YORK COUNTY, SOUTH CAROLINA

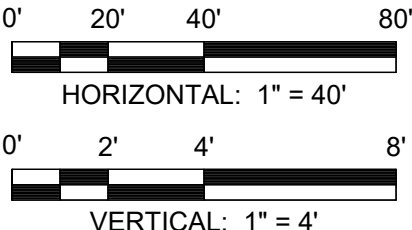
SEAL



COA



SCALE



REVISIONS

NO.	DESCRIPTION	DATE

NO. DESCRIPTION DATE

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APPROVED BY BWK

CHECKED BY RSN

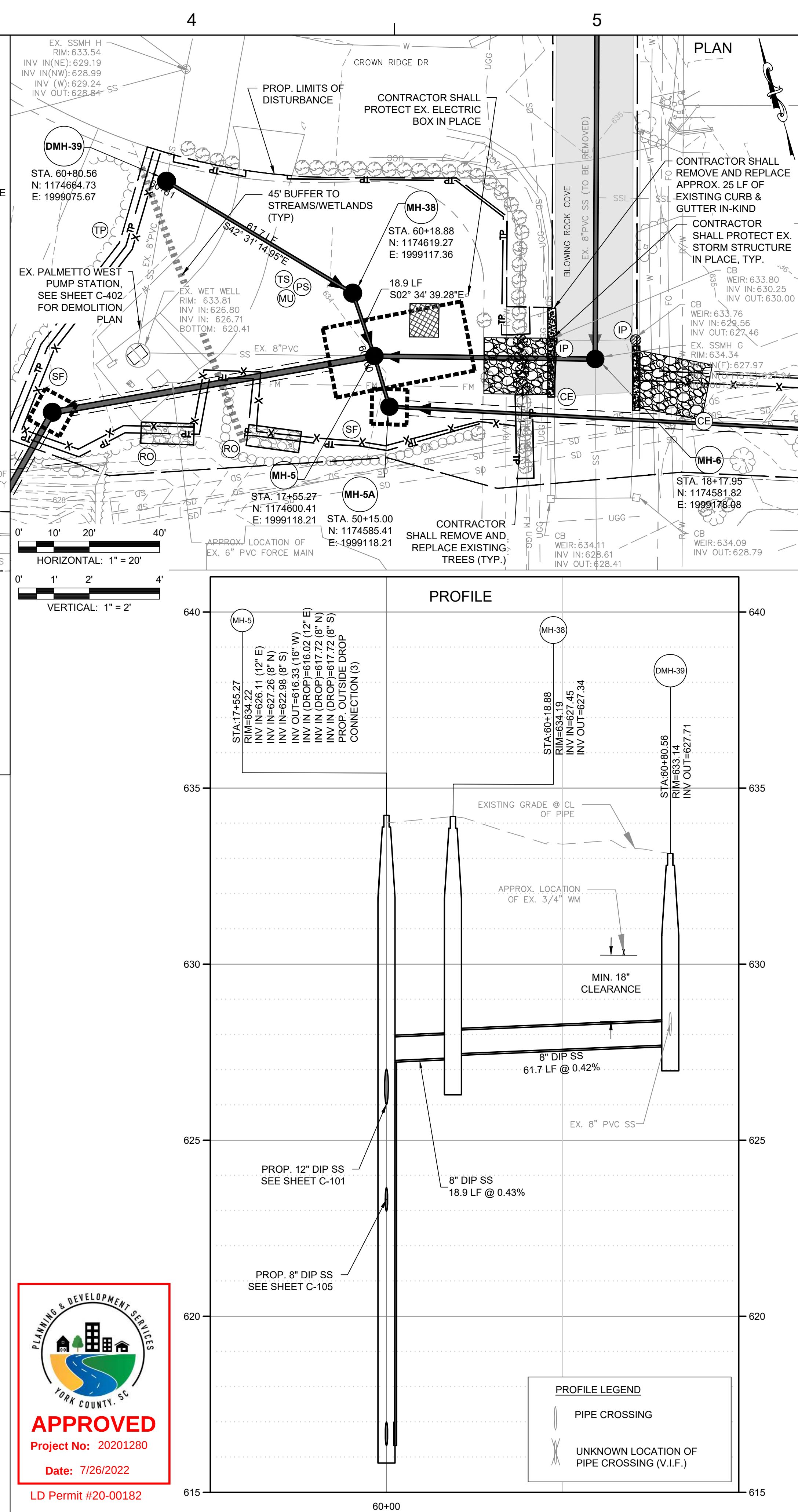
DATE JANUARY 2026

TITLE

PLAN AND PROFILE
STA. 10+39.25 - STA.
19+94.81

PROJECT NO. 50076071

C-101

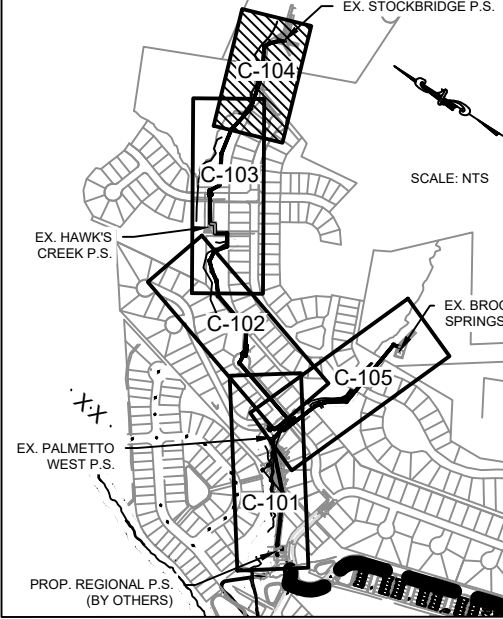




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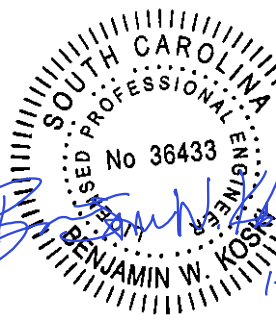
SHEET INDEX



SCALE: NTS

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SEAL



COA



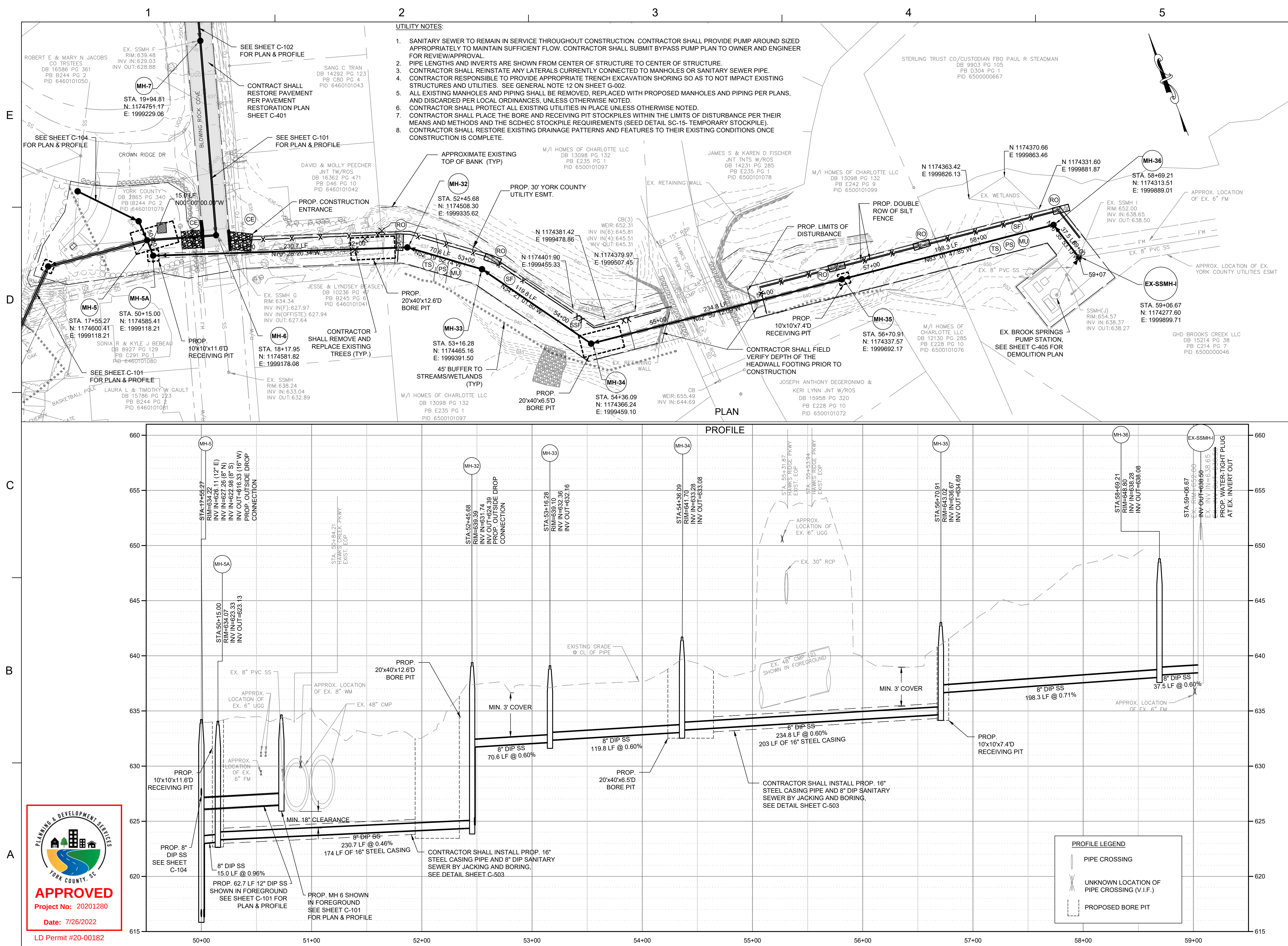
SCALE

AS NOTED

REVISIONS

NO.	DESCRIPTION	DATE
DRAWN BY	GLB	
APPROVED BY	BWK	
CHECKED BY	RSN	
DATE	JANUARY 2026	
TITLE		
PLAN AND PROFILE STA. 40+00-STA. 46+00 STA. 60+00-STA. 60+81		
PROJECT NO.		50076071

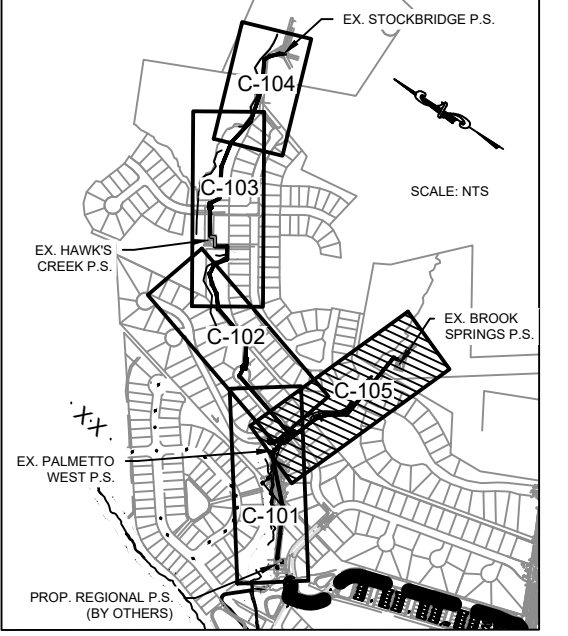
C-104



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SHEET INDEX



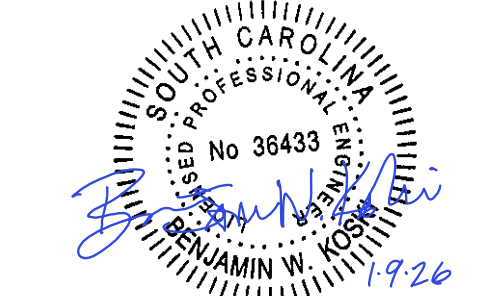
YORK COUNTY
STOCKBRIDGE TRUNK SEWER
SANITARY SEWER IMPROVEMENTS

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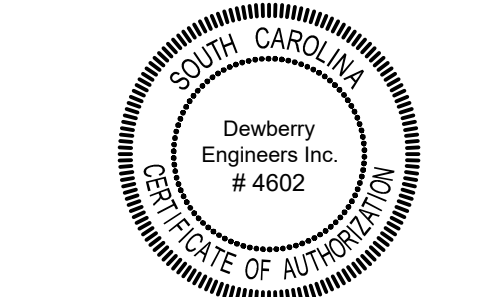
YORK COUNTY, SOUTH CAROLINA

YORK COUNTY, SOUTH CAROLINA

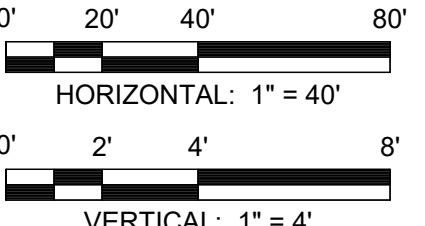
SEAL



COA



SCALE



REVISIONS

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NO.	DESCRIPTION	DATE
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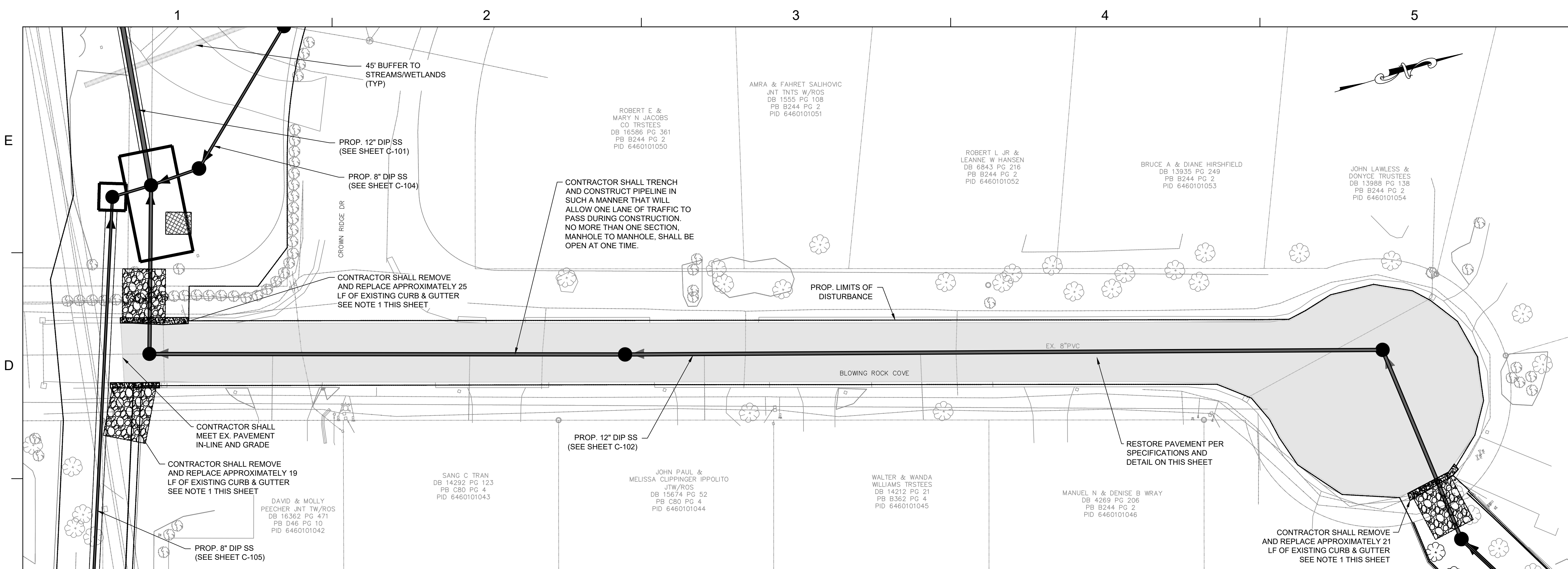
DATE JANUARY 2026

TITLE

PLAN AND PROFILE STA. 50+00 - STA. 59+07

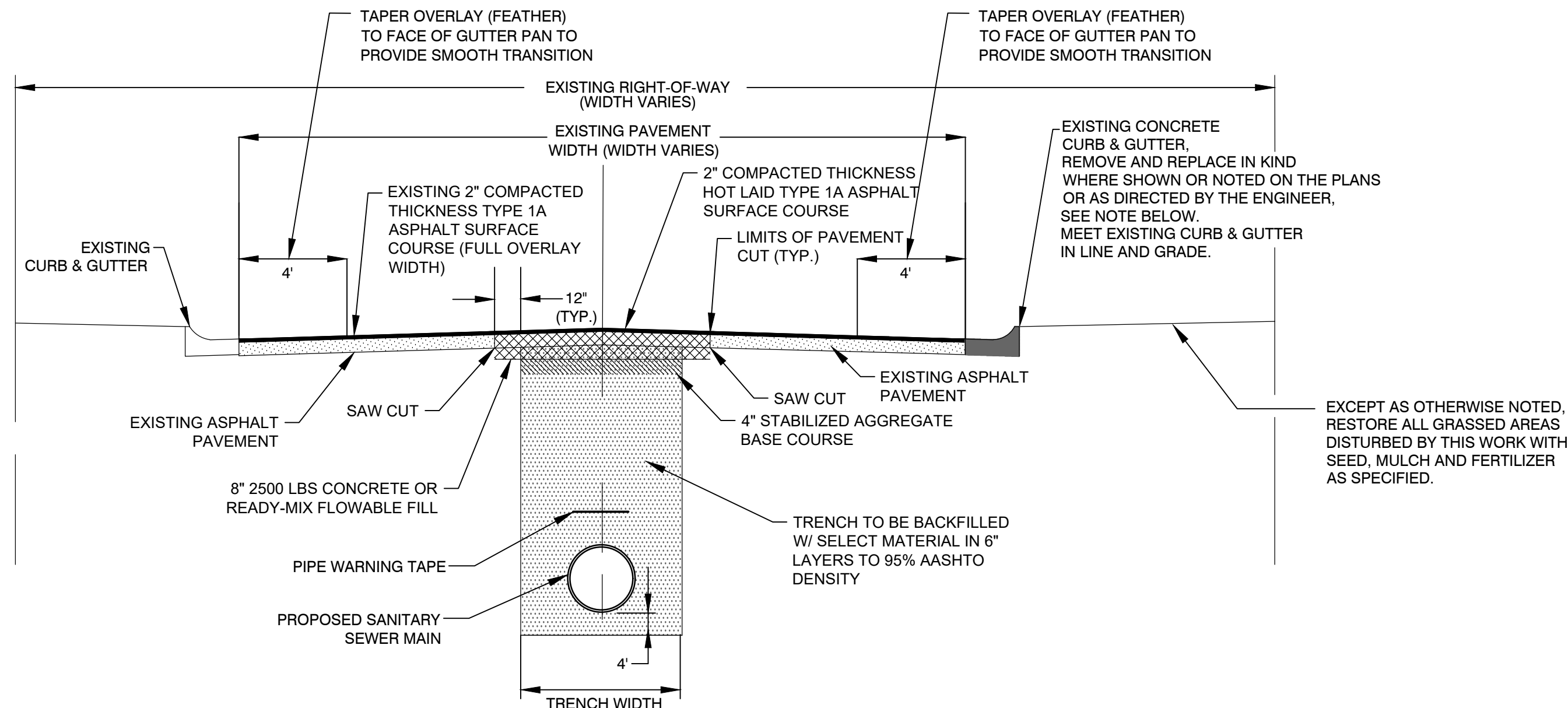
PROJECT NO. 50076071

C-105



- TRANSPORTATION NOTES:**
1. BLOWING ROCK COVE SHALL NOT BE SHUTDOWN AT ANYTIME DURING CONSTRUCTION WITHOUT APPROVAL BY YORK COUNTY.
 2. CONTRACTOR MAY CLOSE 1 LANE OF BLOWING ROCK COVE DURING CONSTRUCTION IF FLAGGERS ARE PROVIDED. TRENCHES MUST BE BACKFILLED OR PLATED AT THE END OF EACH DAY TO ALLOW FOR TRAFFIC IN BOTH DIRECTIONS WHEN FLAGGERS ARE NOT PRESENT.
 3. CONTRACTOR SHALL UTILIZE CONSTRUCTION BARRIERS AND/OR OTHER MEANS TO PROTECT OPEN EXCAVATIONS IN VEHICULAR ROADS, DRIVES, AND LOTS.
 4. CONTRACTOR SHALL PROVIDE MESSAGE BOARDS AT THE INTERSECTIONS OF ZIMMERMAN DRIVE AND BLOWING ROCK COVE, AND BLOWING ROCK COVE AND CROWN RIDGE DRIVE 2 WEEKS PRIOR TO AND DURING CONSTRUCTION IN BLOWING ROCK COVE.
 5. CONTRACTOR SHALL MAINTAIN ACCESS TO CROWN RIDGE DRIVE THROUGHOUT CONSTRUCTION. CROWN RIDGE DRIVE AND ZIMMERMAN DRIVE SHALL NOT BE SHUT DOWN AT ANY TIME.

BLOWING ROCK COVE PAVEMENT RESTORATION PLAN
SCALE: 1" = 20'

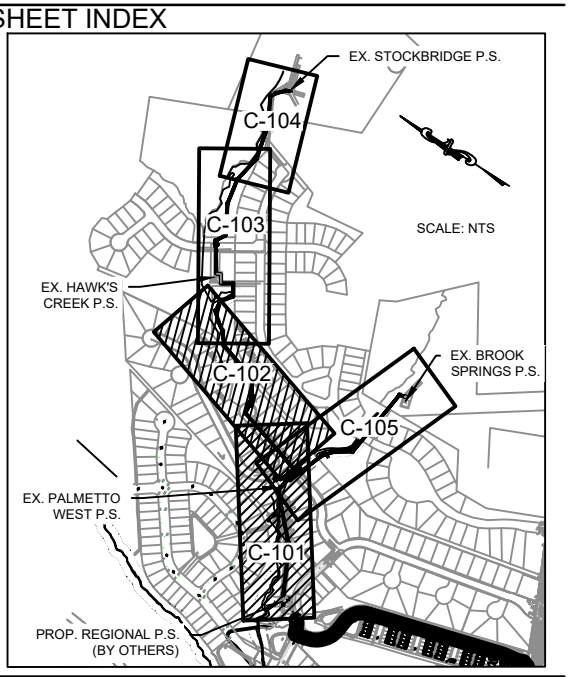


- NOTES:**
1. WHERE CONCRETE CURB AND GUTTER IS CUT OR DAMAGED, REMOVE AND REPLACE TO THE NEAREST JOINT BEYOND THE CUT OR DAMAGED SECTION IN BOTH DIRECTIONS. REMOVE AND REPLACE IN KIND.
 2. ALL INTERSECTING ASPHALT ROADS OR DRIVEWAYS CUT DURING CONSTRUCTION ARE TO BE OVERLAYED WITH AN ASPHALT SURFACE COURSE EXTENDING FROM THE EDGE OF THE ROADWAY TO THE STREET RIGHT-OF-WAY & EXTENDING THE FULL WIDTH OF THE INTERSECTING ROAD. THE OVERLAY IS TO BE PLACED IN ACCORDANCE WITH THIS DETAIL.

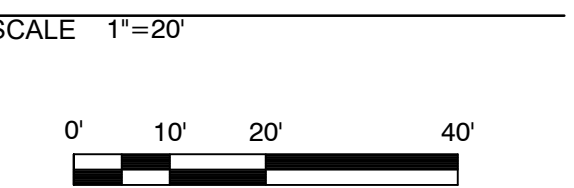
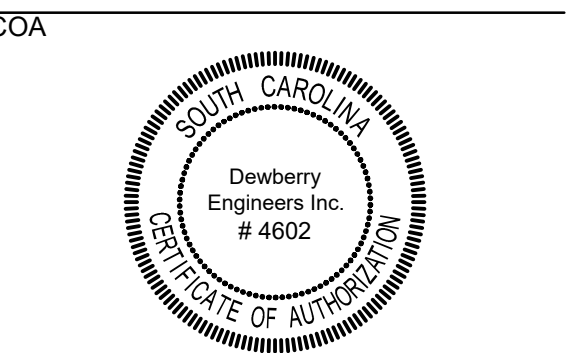
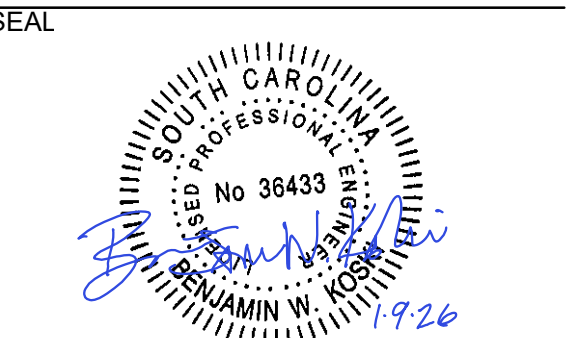
PAVEMENT PATCHING DETAIL WITH CURB AND GUTTER
N.T.S



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YORK COUNTY
STOCKBRIDGE TRUNK SEWER
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100% CONSTRUCTION DOCUMENTS
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YORK COUNTY, SOUTH CAROLINA



REVISIONS		
NO.	DESCRIPTION	DATE

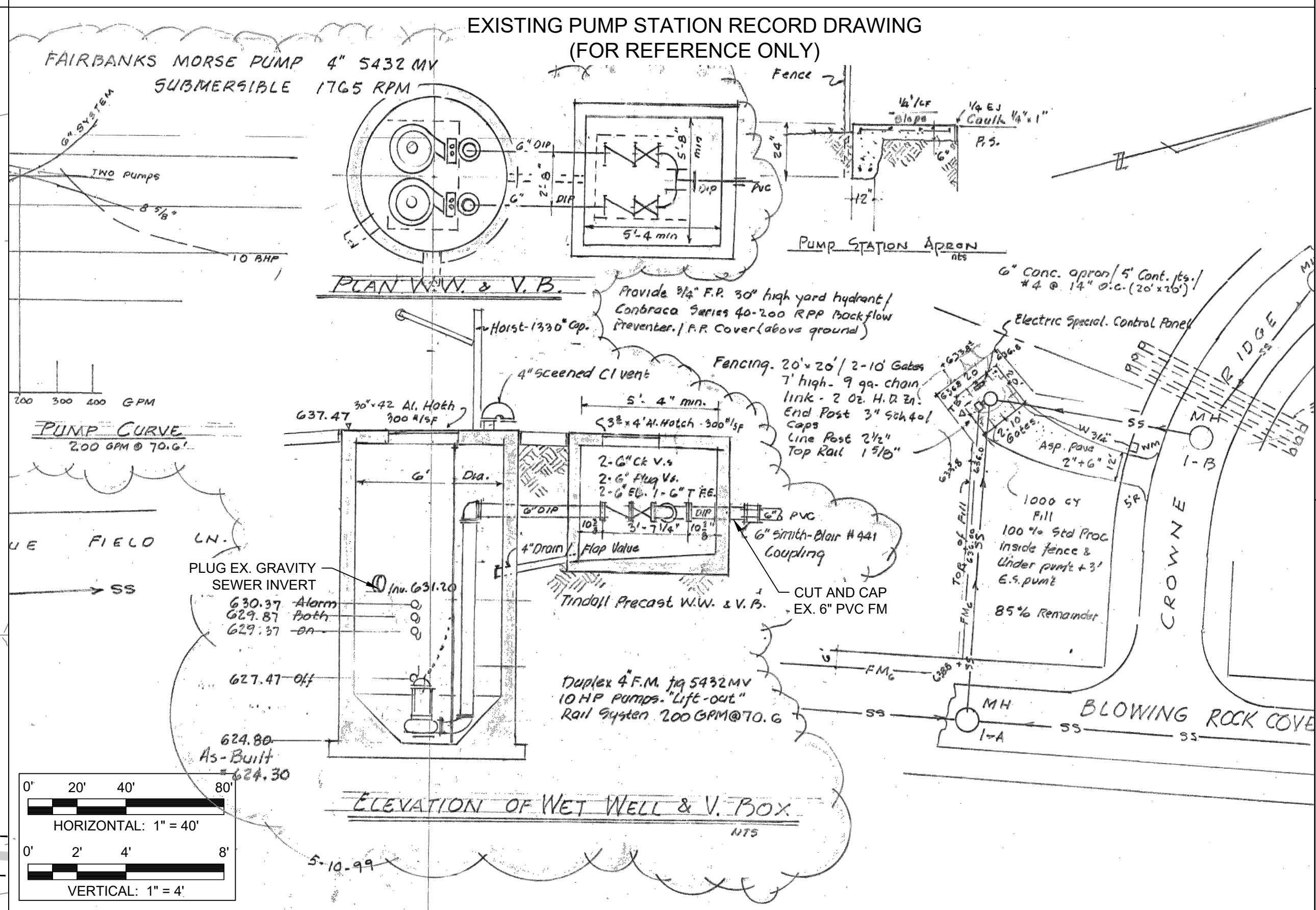
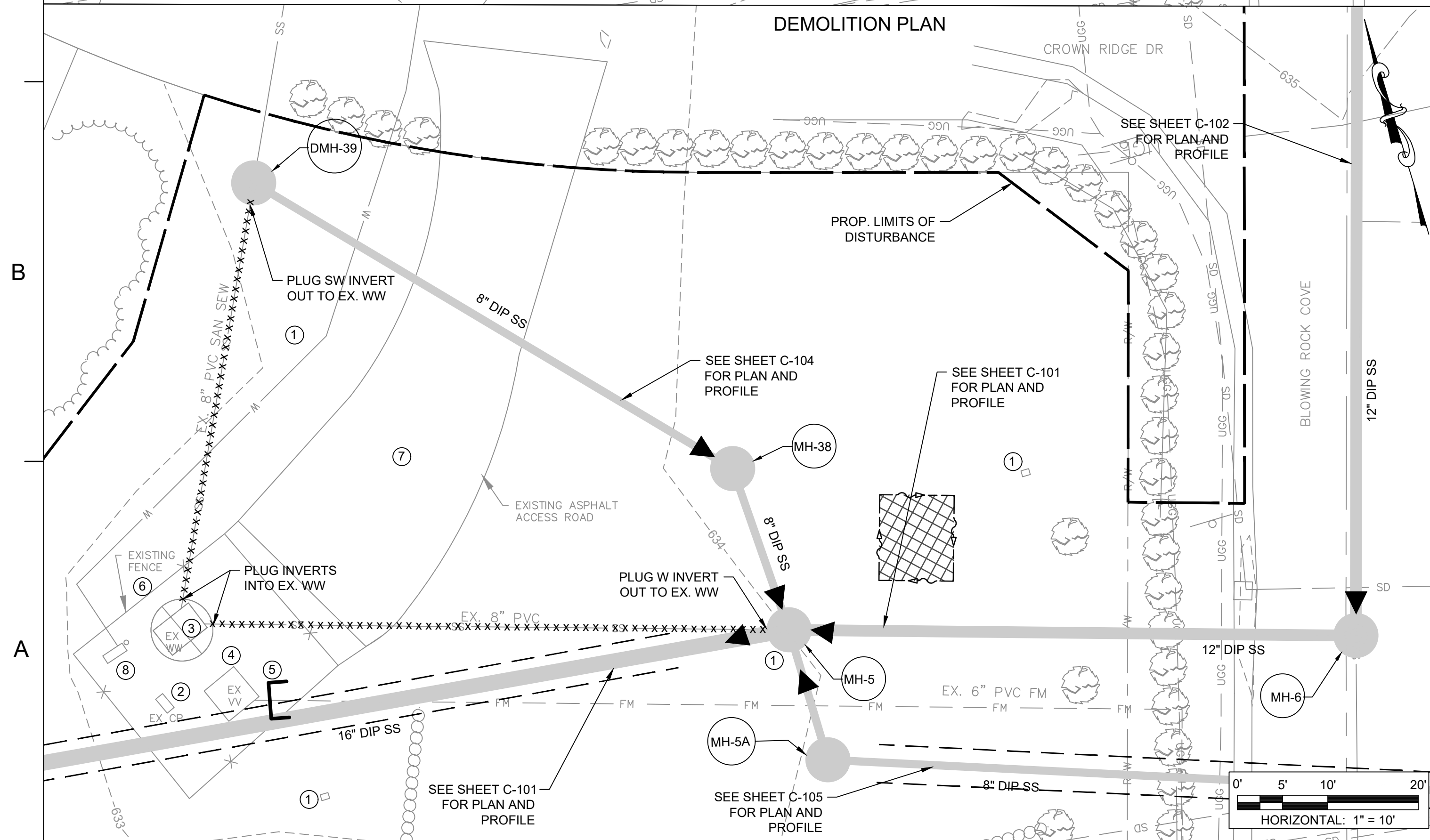
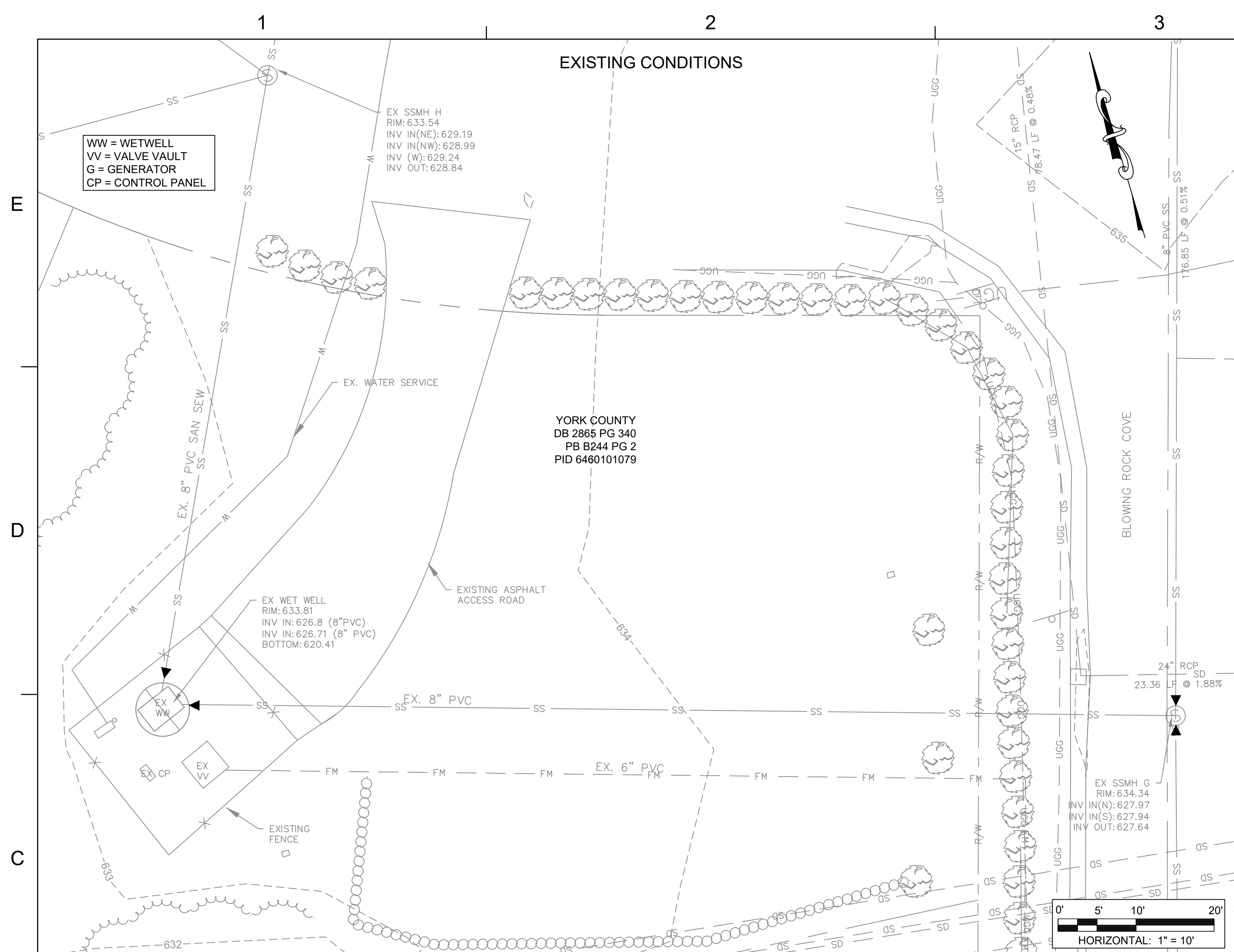
PAVEMENT RESTORATION AND DETAILS

PROJECT NO. 50076071



APPROVED
Project No: 20201280
Date: 7/26/2022
LD Permit #20-00182

C-401



- DEMOLITION NOTES:
1. THE EXISTING STOCKBRIDGE COMMONS, HAWKS CREEK, PALMETTO WEST, AND BROOKS SPRINGS PUMP STATIONS (4 TOTAL) SHALL REMAIN IN SERVICE UNTIL THE NEW REGIONAL PUMP STATION AND ASSOCIATED GRAVITY SEWER IS COMPLETE AND HAS BEEN APPROVED BY THE OWNER. NO DEMOLITION WORK SHALL BEGIN UNTIL THE OWNER PROVIDES WRITTEN APPROVAL.
 2. PROVIDE A TEMPORARY BYPASS PLAN AND DETAILED SEQUENCE OF CONSTRUCTION FOR EACH EXISTING PUMP STATION LISTED IN GENERAL NOTE 1, TO BE APPROVED BY THE OWNER AND THE ENGINEER OF RECORD.
 3. CONTRACTOR SHALL UTILIZE A LICENSED SEPTAGE HAULER TO PUMP OUT ANY REMAINING WASTEWATER AND SLUDGE FROM THE EXISTING PUMP STATIONS TO BE ABANDONED AND DISPOSE OF THE WATERWATER/SLUDGE AT A STATE PERMITTED FACILITY.
 4. THE CONTRACTOR SHALL REMOVE THE FOLLOWING ITEMS FROM THE EXISTING PUMP STATIONS AND COORDINATE WITH THE OWNER FOR SALVAGE: PUMPS, HYDRANTS, GENERATORS, CONTROL PANELS, SCADA PANELS, ALL VALVES, HATCHES AND FENCING.
 5. REMOVE EXISTING ELECTRICAL PANELS, SUPPORTS, SERVICE RUNS, TRANSFORMERS AND CONDUITS. COORDINATE ALL ELECTRICAL WORK WITH YORK ELECTRICAL COOPERATIVE PRIOR TO DEMOLITION WORK.
 6. CONTRACTOR SHALL DISPOSE OF ALL OTHER DEMOLITION MATERIALS OFFSITE AT AN ACCEPTABLE LOCATION.
- KEY NOTES:
1. REMOVE EXISTING ELECTRICAL PANELS, SUPPORTS, SERVICE RUNS, TRANSFORMER AND CONDUITS. COORDINATE ALL ELECTRICAL WORK WITH YORK ELECTRICAL COOPERATIVE.
 2. REMOVE EXISTING PUMP CONTROL PANEL, GENERATOR AND EQUIPMENT PADS.
 3. DEMOLISH AND BACKFILL EXISTING WET WELL, SEE DETAIL SHEET C-502.
 4. REMOVE ENTIRE VALVE VAULT, ALL PIPING AND VALVES. FILL WITH EARTH MATERIAL AND TOP-SOIL PER YORK COUNTY TRENCHING AND BACKFILL SPECIFICATIONS.
 5. DRAIN AND CAP END OF EXISTING FORCE MAIN.
 6. REMOVE EXISTING FENCE AND GATE.
 7. REMOVE ASPHALT DRIVE AND GRAVEL BASE AND REPLACE WITH TOPSOIL AND SEED. COORDINATE THE ABANDONMENT OF THE EX. POTABLE WATER SERVICE WITH YORK COUNTY ENGINEERING.
 8. RESTORE ALL DISTURBED AREAS PER SPECIFICATIONS.
- SUGGESTED SEQUENCE OF CONSTRUCTION FOR THE DEMOLITION OF WEST PALMETTO PUMP STATION:
1. CONSTRUCT PROPOSED GRAVITY SEWER. THE FLOW IN THE EXISTING GRAVITY SEWER SHALL CONTINUE TO DISCHARGE TO THE PUMP STATION WITHOUT DISCHARGING TO THE NEW SEWER. THEREFORE, PLUG ANY INVERTS TO THE NEW GRAVITY SEWER. NO FLOW SHALL ENTER THE NEW SEWER UNTIL WRITTEN APPROVAL HAS BEEN GIVEN BY YORK COUNTY AND THE ENGINEER OF RECORD.
 2. AFTER ACCEPTANCE OF THE NEW GRAVITY SEWER, STOCKBRIDGE REGIONAL PUMP STATION AND WRITTEN APPROVAL FROM YORK COUNTY AND THE ENGINEER OF RECORD, DIVERT FLOW FROM THE EXISTING GRAVITY SEWER AT DMH-39 AND MH-5. PLUG THE EXISTING DISCHARGES AT DMH-39 AND MH-5 TO THE EXISTING WET WELL.
 3. FLUSH EXISTING 6" FORCE MAIN.
 4. REMOVE ALL LIQUID AND SLUDGE FROM ALL STRUCTURES AND PIPING.
 5. DECOMMISSION THE ENTIRE STOCKBRIDGE COMMONS PUMP STATION AS NOTED.
 6. RESTORE ALL DISTURBED AREAS PER SPECIFICATIONS.

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SHEET INDEX

APPROVED
Project No: 20201280
Date: 7/26/2022
LD Permit #20-00182

YORK COUNTY
STOCKBRIDGE TRUNK SEWER
SANITARY SEWER IMPROVEMENTS
100% CONSTRUCTION DOCUMENTS
NOT RELEASED FOR CONSTRUCTION

YORK COUNTY, SOUTH CAROLINA

SEAL

COA

SCALE

AS NOTED

REVISIONS

NO.	DESCRIPTION	DATE

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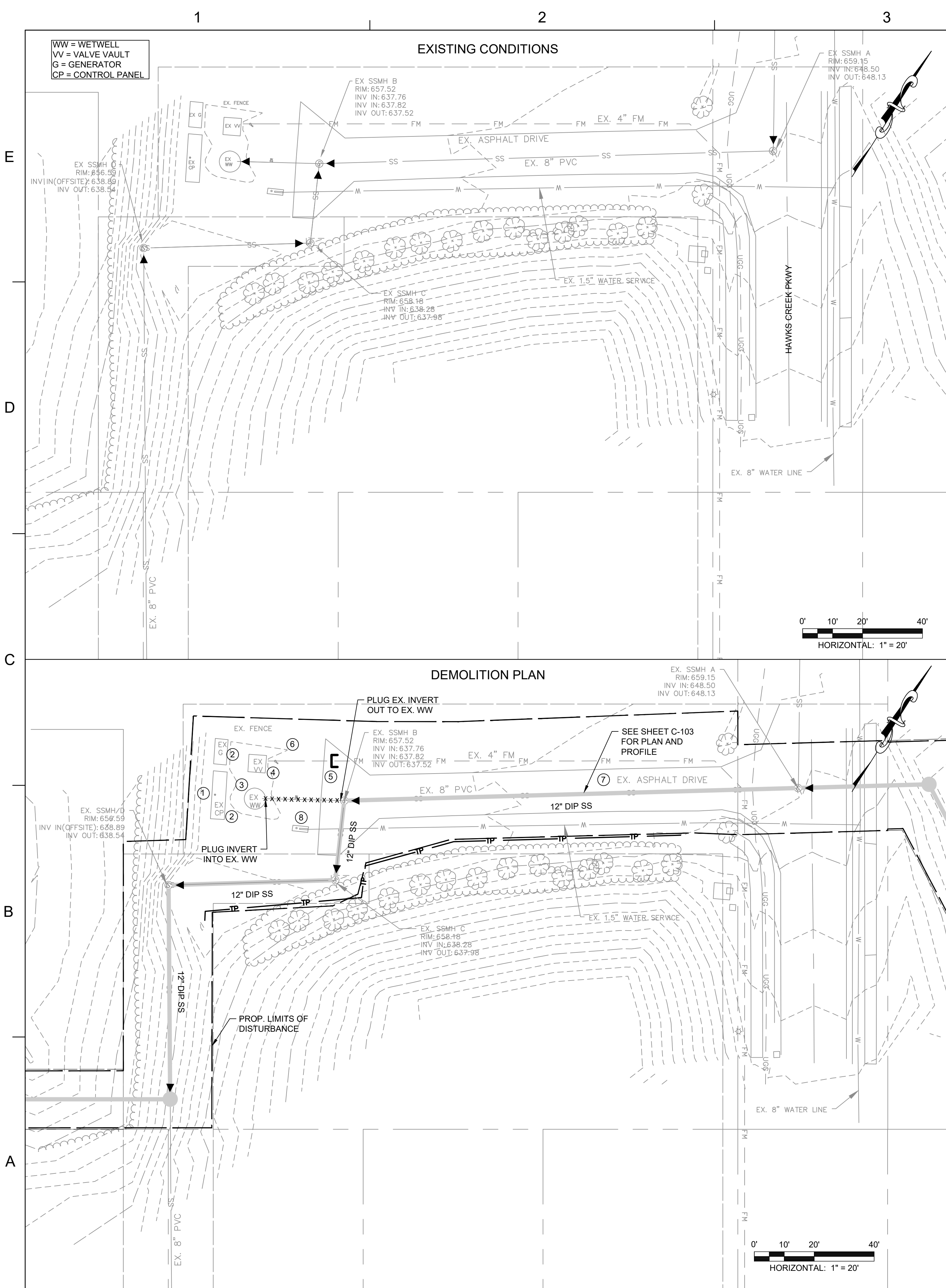
CHECKED BY RSN

DATE JANUARY 2026

TITLE PALMETTO WEST P.S. DEMOLITION PLAN

PROJECT NO. 50076071

C-402



- DEMOLITION NOTES:
1. THE EXISTING STOCKBRIDGE COMMONS, HAWKS CREEK, PALMETTO WEST, AND BROOKS SPRINGS PUMP STATIONS (4 TOTAL) SHALL REMAIN IN SERVICE UNTIL THE NEW REGIONAL PUMP STATION AND ASSOCIATED GRAVITY SEWER IS COMPLETE AND HAS BEEN APPROVED BY THE OWNER. NO DEMOLITION WORK SHALL BEGIN UNTIL THE OWNER PROVIDES WRITTEN APPROVAL.
 2. PROVIDE A TEMPORARY BYPASS PLAN AND DETAILED SEQUENCE OF CONSTRUCTION FOR EACH EXISTING PUMP STATION LISTED IN GENERAL NOTE 1, TO BE APPROVED BY THE OWNER AND THE ENGINEER OF RECORD.
 3. CONTRACTOR SHALL UTILIZE A LICENSED SEPTAGE HAULER TO PUMP OUT ANY REMAINING WASTEWATER AND SLUDGE FROM THE EXISTING PUMP STATIONS TO BE ABANDONED AND DISPOSE OF THE WATERWATER/SLUDGE AT A STATE PERMITTED FACILITY.
 4. THE CONTRACTOR SHALL REMOVE THE FOLLOWING ITEMS FROM THE EXISTING PUMP STATIONS AND COORDINATE WITH THE OWNER FOR SALVAGE: PUMPS, HYDRANTS, GENERATORS, CONTROL PANELS, SCADA PANELS, ALL VALVES, HATCHES, AND FENCING.
 5. REMOVE EXISTING ELECTRICAL PANELS, SUPPORTS, SERVICE RUNS, AND CONDUITS. COORDINATE ALL ELECTRICAL WORK WITH YORK ELECTRICAL COOPERATIVE.
 6. CONTRACTOR SHALL DISPOSE OF ALL OTHER DEMOLITION MATERIALS OFFSITE AT AN ACCEPTABLE LOCATION.
- KEY NOTES:
1. REMOVE EXISTING ELECTRICAL PANELS, SUPPORTS, SERVICE RUNS, TRANSFORMER AND CONDUITS. COORDINATE ALL ELECTRICAL WORK WITH YORK ELECTRICAL COOPERATIVE.
 2. REMOVE EXISTING PUMP CONTROL PANEL, GENERATOR AND EQUIPMENT PADS.
 3. DEMOLISH AND BACKFILL EXISTING WET WELL, SEE DETAIL SHEET C-502.
 4. REMOVE ENTIRE VALVE VAULT, ALL PIPING AND VALVES. FILL WITH EARTH MATERIAL AND TOP-SOIL PER YORK COUNTY TRENCHING AND BACKFILL SPECIFICATIONS.
 5. DRAIN AND CAP END OF EXISTING FORCE MAIN.
 6. REMOVE EXISTING FENCE AND GATE.
 7. REMOVE ASPHALT DRIVE AND GRAVEL BASE AND REPLACE WITH TOPSOIL AND SEED.
 8. COORDINATE THE ABANDONMENT OF THE EX. POTABLE WATER SERVICE WITH YORK COUNTY ENGINEERING.
- SUGGESTED SEQUENCE OF CONSTRUCTION FOR THE DEMOLITION OF HAWKS CREEK PUMP STATION:
1. CONSTRUCT PROPOSED 12" AND 16" GRAVITY SEWER TO PROPOSED DOGHOUSE MANHOLE DMH-17. THE FLOW IN THE EXISTING GRAVITY SEWER SHALL CONTINUE TO DISCHARGE TO THE PUMP STATION WITHOUT DISCHARGING TO THE NEW SEWER. THEREFORE, PLUG THE INVERT TO THE NEW GRAVITY SEWER. NO FLOW SHALL ENTER THE NEW SEWER UNTIL WRITTEN APPROVAL HAS BEEN GIVEN BY YORK COUNTY.
 2. AFTER ACCEPTANCE OF THE NEW GRAVITY SEWER, STOCKBRIDGE REGIONAL PUMP STATION AND WRITTEN APPROVAL FROM YORK COUNTY AND THE ENGINEER OF RECORD, DIVERT FLOW AROUND THE EXISTING PUMP STATION TO THE NEW DMH-17.
 3. FLUSH EXISTING 6" FORCE MAIN.
 4. REMOVE ALL LIQUID AND SLUDGE FROM THE EXISTING STRUCTURES AND PIPING.
 5. AFTER RECEIVING PERMISSION TO DISCONTINUE BYPASS PUMPING OPERATIONS FROM THE OWNER AND THE ENGINEER OF RECORD, DECOMMISSION THE ENTIRE STOCKBRIDGE COMMONS PUMP STATION AS NOTED.
 6. RESTORE ALL DISTURBED AREAS PER SPECIFICATIONS.

Dewberry

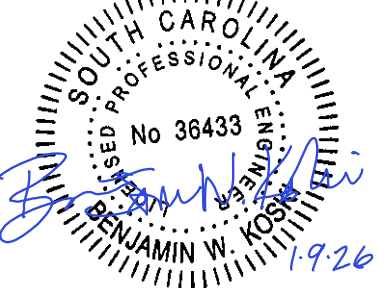
Dewberry Engineers Inc.
9300 Harris Corners Parkway
Suite 220
Charlotte, NC 28269-2618
704.509.9918

SHEET INDEX

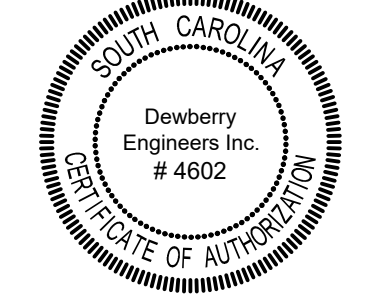


YORK COUNTY
STOCKBRIDGE TRUNK SEWER
SANITARY SEWER IMPROVEMENTS
100% CONSTRUCTION DOCUMENTS
NOT RELEASED FOR CONSTRUCTION
YORK COUNTY, SOUTH CAROLINA

SEAL



COA



SCALE

AS NOTED

REVISIONS

NO.	DESCRIPTION	DATE

DRAWN BY GLB
APPROVED BY BWK
CHECKED BY RSN
DATE JANUARY 2026
TITLE

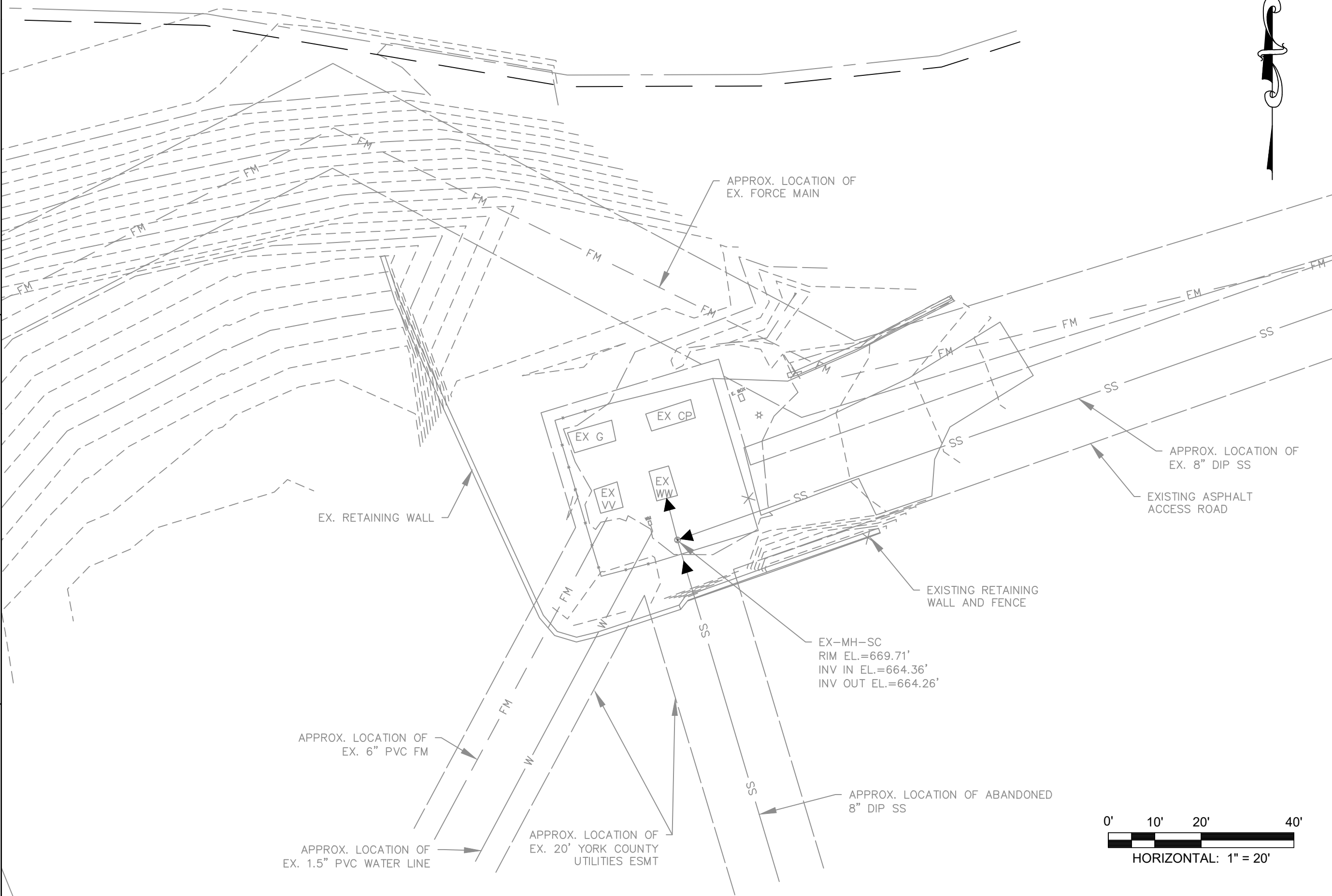
HAWK'S CREEK P.S.
DEMOLITION PLAN

PROJECT NO. 50076071

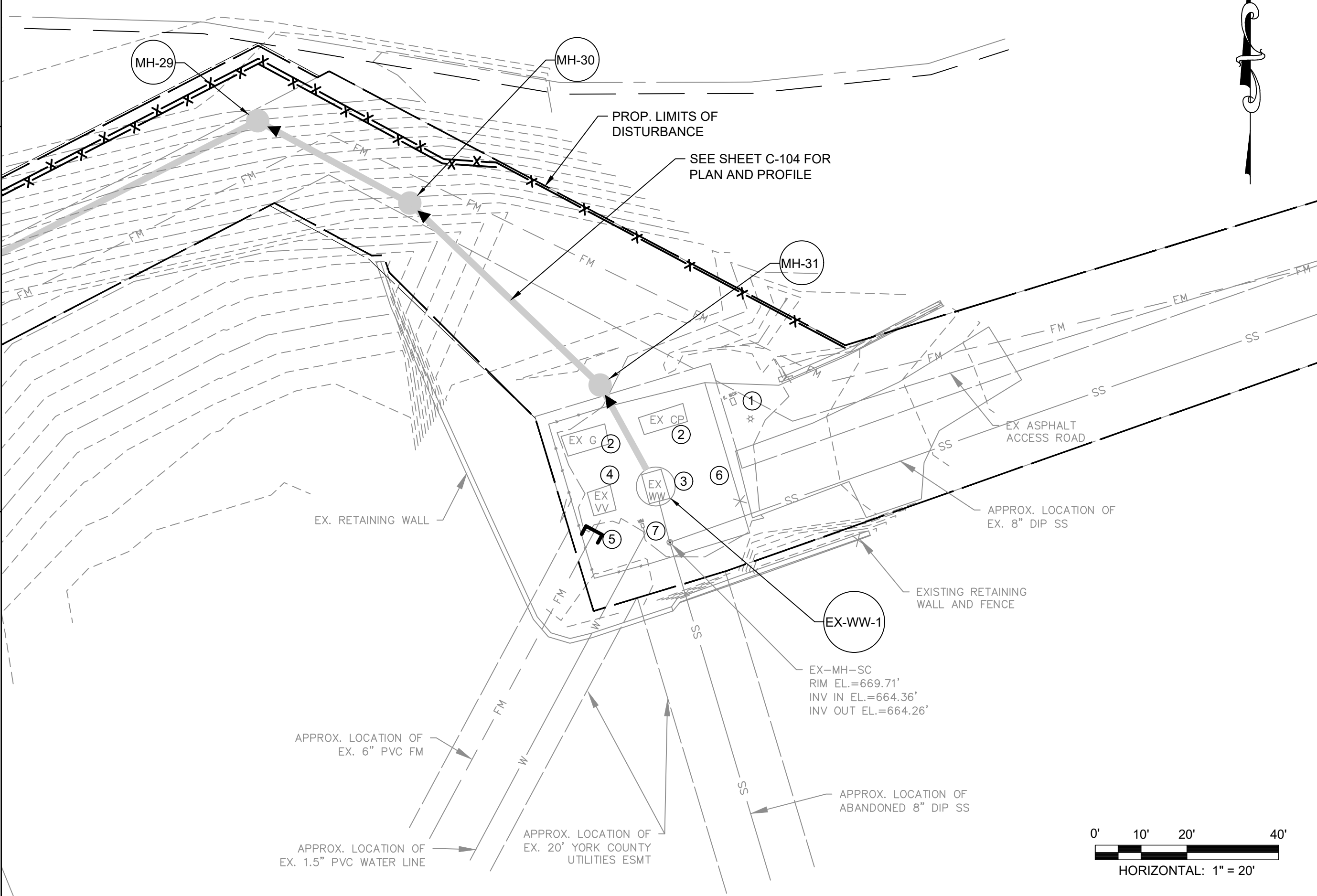
C-403

WW = WETWELL
VV = VALVE VAULT
G = GENERATOR
CP = CONTROL PANEL

EXISTING CONDITIONS



DEMOLITION PLAN



DEMOLITION NOTES:

1. THE EXISTING STOCKBRIDGE COMMONS, HAWKS CREEK, PALMETTO WEST, AND BROOKS SPRINGS PUMP STATIONS (4 TOTAL) SHALL REMAIN IN SERVICE UNTIL THE NEW REGIONAL PUMP STATION AND ASSOCIATED GRAVITY SEWER IS COMPLETE AND HAS BEEN APPROVED BY THE OWNER. NO DEMOLITION WORK SHALL BEGIN UNTIL THE OWNER PROVIDES WRITTEN APPROVAL.
2. PROVIDE A TEMPORARY BYPASS PLAN AND DETAILED SEQUENCE OF CONSTRUCTION FOR EACH EXISTING PUMP STATION LISTED IN GENERAL NOTE 1, TO BE APPROVED BY THE OWNER AND THE ENGINEER OF RECORD.
3. CONTRACTOR SHALL UTILIZE A LICENSED SEPTAGE HAULER TO PUMP OUT ANY REMAINING WASTEWATER AND SLUDGE FROM THE EXISTING PUMP STATIONS TO BE ABANDONED AND DISPOSE OF THE WATERWATER/SLUDGE AT A STATE PERMITTED FACILITY.
4. THE CONTRACTOR SHALL REMOVE THE FOLLOWING ITEMS FROM THE EXISTING PUMP STATIONS AND COORDINATE WITH THE OWNER FOR SALVAGE: PUMPS, HYDRANTS, GENERATORS, CONTROL PANELS, SCADA PANELS, ALL VALVES, HATCHES, AND FENCING.
5. REMOVE EXISTING ELECTRICAL PANELS, SUPPORTS, SERVICE RUNS, AND CONDUITS. COORDINATE ALL ELECTRICAL WORK WITH YORK ELECTRICAL COOPERATIVE.
6. CONTRACTOR SHALL DISPOSE OF ALL OTHER DEMOLITION MATERIALS OFFSITE AT AN ACCEPTABLE LOCATION.

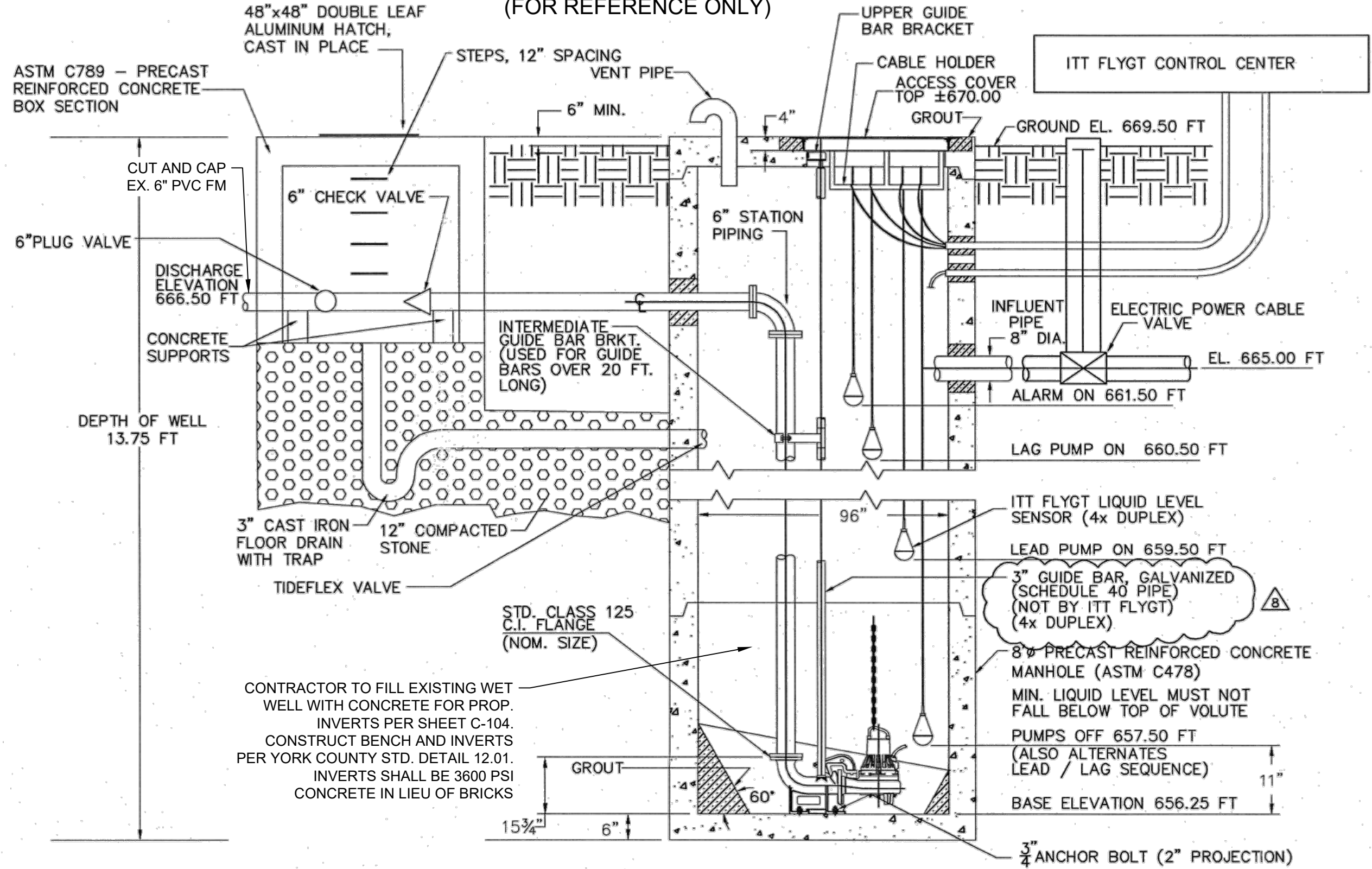
KEY NOTES:

- ① REMOVE EXISTING ELECTRICAL PANELS, SUPPORTS, SERVICE RUNS, TRANSFORMER AND CONDUITS. COORDINATE ALL ELECTRICAL WORK WITH YORK ELECTRICAL COOPERATIVE.
- ② REMOVE EXISTING PUMP CONTROL PANEL, GENERATOR AND EQUIPMENT PADS.
- ③ AFTER CLEANING AND PREPPNG EXISTING WET WELL, FILL WITH CONCRETE TO PROVIDE PROPOSED INVERTS PER PLAN AND PROFILE SHEET C-104. CONSTRUCT BENCH PER YORK COUNTY STANDARD DETAIL 12.01, SEE DETAIL SHEET C-502. BENCH SHALL BE 3600 PSI CONCRETE IN LIEU OF BRICK
- ④ REMOVE ENTIRE VALVE VAULT, ALL PIPING AND VALVES. FILL WITH EARTH MATERIAL AND TOP-SOIL PER YORK COUNTY TRENCHING AND BACKFILL SPECIFICATIONS.
- ⑤ DRAIN AND CAP END OF EXISTING FORCE MAIN.
- ⑥ REMOVE EXISTING FENCE AND GATE.
- ⑦ COORDINATE THE ABANDONMENT OF THE EX. POTABLE WATER SERVICE WITH YORK COUNTY ENGINEERING.

SUGGESTED SEQUENCE OF CONSTRUCTION FOR THE DEMOLITION OF STOCKBRIDGE COMMONS PUMP STATION:

1. CONSTRUCT THE PROPOSED 8" GRAVITY SEWER TO MH-27 OR JUST SHORT OF THE EXISITING WET WELL.
2. AFTER ACCEPTANCE OF THE NEW GRAVITY SEWER, STOCKBRIDGE REGIONAL PUMP STATION (BY OTHERS) AND WRITTEN APPROVAL FROM YORK COUNTY AND THE ENGINEER OF RECORD, PLUG NORTH INLET OF EX-MH-SC AND BYPASS PUMP FLOW FROM EX-MH-SC TO THE NEWLY CONSTRUCTED MH-27.
3. FLUSH EXISTING 6" FORCE MAIN.
4. REMOVE ALL LIQUID AND SLUDGE FROM ALL EXISTING PIPES AND STRUCTURES.
5. FILL THE EX. WET WELL WITH CONCRETE, CREATE BENCH AND INVERTS.
6. AFTER RECEIVING PERMISSION TO DISCONTINUE BYPASS PUMPING OPERATIONS FROM THE OWNER AND THE ENGINEER OF RECORD, DECOMMISSION THE ENTIRE STOCKBRIDGE COMMONS PUMP STATION AS NOTED.
7. RESTORE ALL DISTURBED AREAS PER SPECIFICATIONS.

EXISTING PUMP STATION RECORD DRAWING
(FOR REFERENCE ONLY)



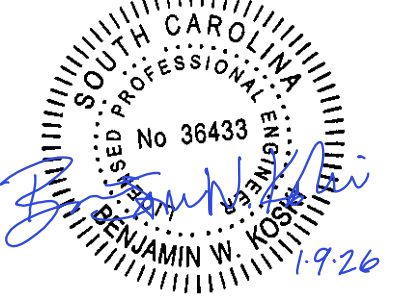
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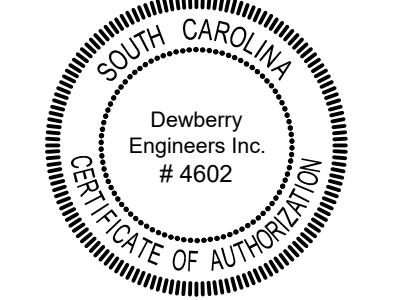


YORK COUNTY
STOCKBRIDGE TRUNK SEWER
SANITARY SEWER IMPROVEMENTS
100% CONSTRUCTION DOCUMENTS
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YORK COUNTY, SOUTH CAROLINA

SEAL



COA



SCALE

AS NOTED

REVISIONS

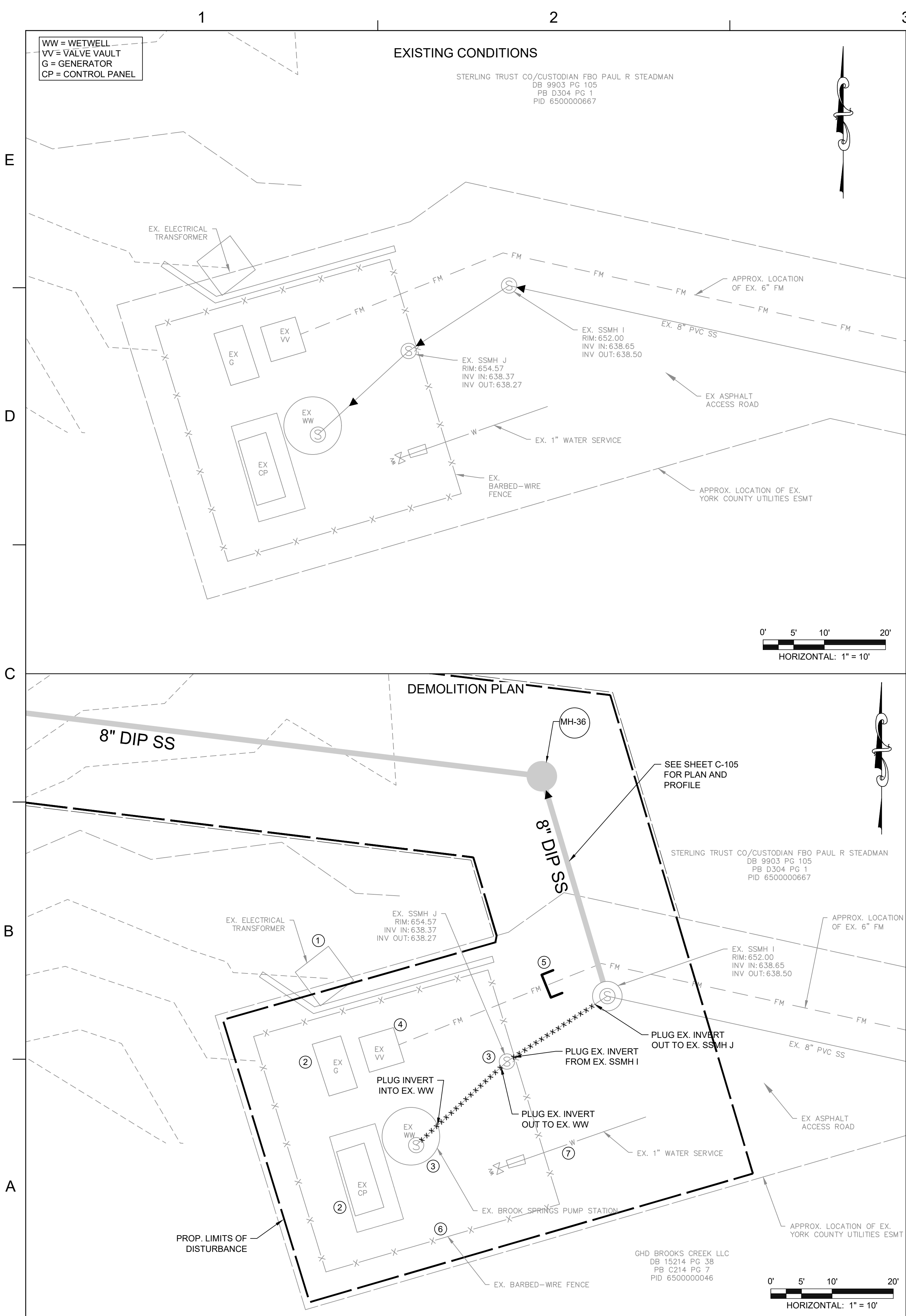
NO.	DESCRIPTION	DATE

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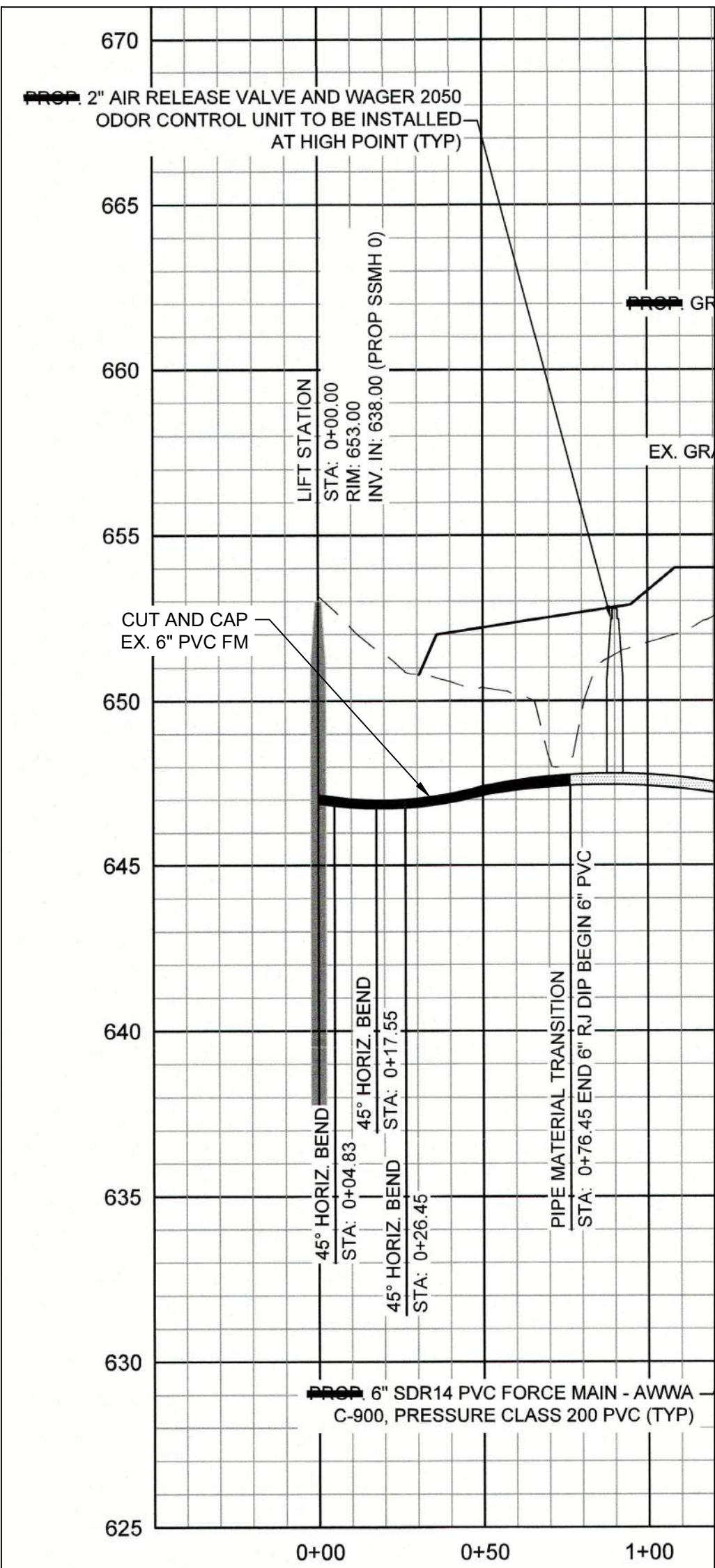
TITLE
STOCKBRIDGE
COMMONS P.S.
DEMOLITION PLAN

PROJECT NO. 50076071

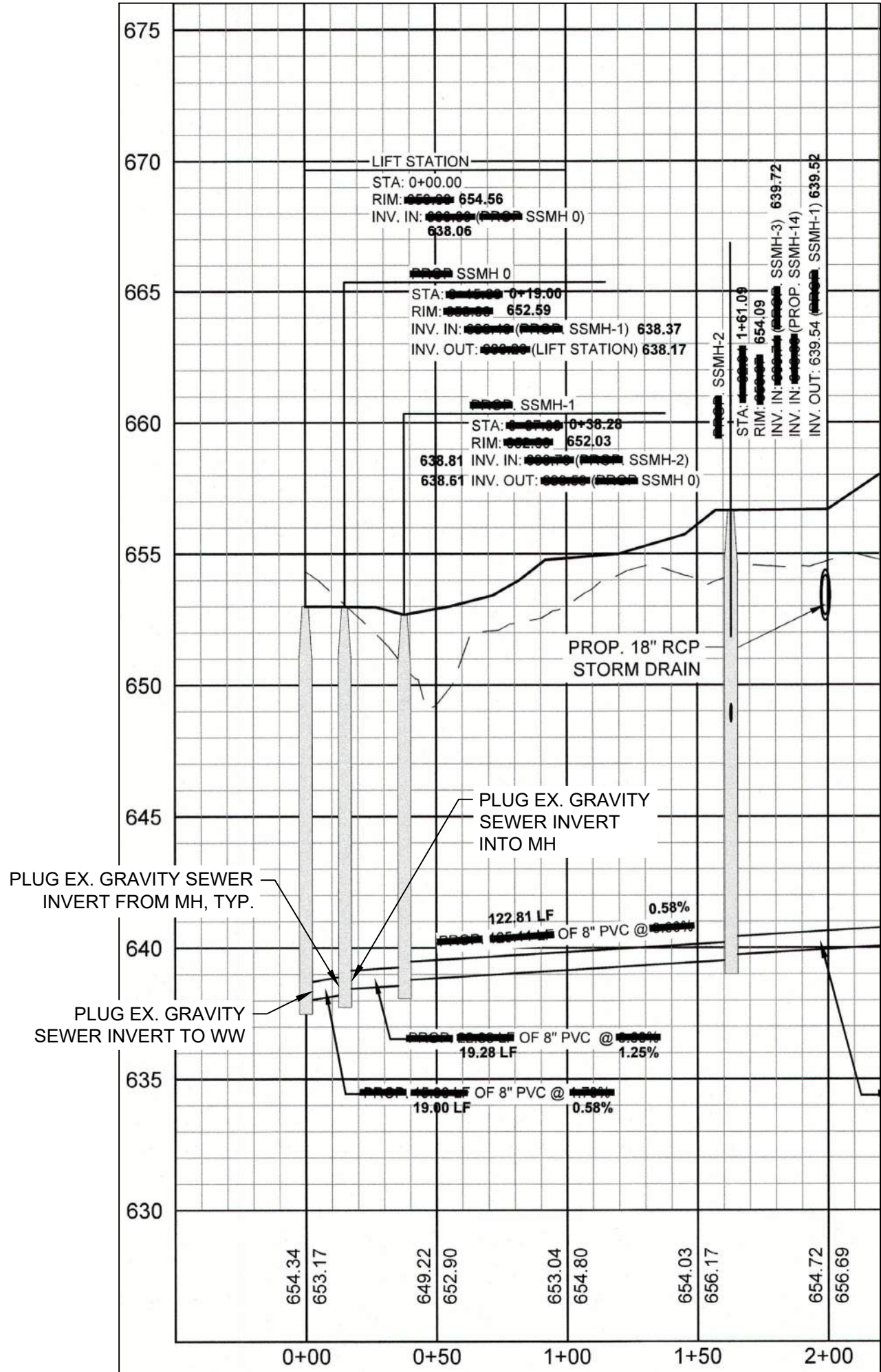
C-404



EXISTING FORCE MAIN & PUMP STATION
RECORD DRAWING
(FOR REFERENCE ONLY)



EXISTING GRAVITY SEWER & PUMP STATION
RECORD DRAWING
(FOR REFERENCE ONLY)



DEMOLITION NOTES:

- THE EXISTING STOCKBRIDGE COMMONS, HAWKS CREEK, PALMETTO WEST, AND BROOKS SPRINGS PUMP STATIONS (4 TOTAL) SHALL REMAIN IN SERVICE UNTIL THE NEW REGIONAL PUMP STATION AND ASSOCIATED GRAVITY SEWER IS COMPLETE AND HAS BEEN APPROVED BY THE OWNER. NO DEMOLITION WORK SHALL BEGIN UNTIL THE OWNER PROVIDES WRITTEN APPROVAL.
- PROVIDE A TEMPORARY BYPASS PLAN AND DETAILED SEQUENCE OF CONSTRUCTION FOR EACH EXISTING PUMP STATION LISTED IN GENERAL NOTE 1, TO BE APPROVED BY THE OWNER AND THE ENGINEER OF RECORD.
- CONTRACTOR SHALL UTILIZE A LICENSED SEPTAGE HAULER TO PUMP OUT ANY REMAINING WASTEWATER AND SLUDGE FROM THE EXISTING PUMP STATIONS TO BE ABANDONED AND DISPOSE OF THE WATERWATER/SLUDGE AT A STATE PERMITTED FACILITY.
- THE CONTRACTOR SHALL REMOVE THE FOLLOWING ITEMS FROM THE EXISTING PUMP STATIONS AND COORDINATE WITH THE OWNER FOR SALVAGE: PUMPS, HYDRANTS, GENERATORS, CONTROL PANELS, SCADA PANELS, ALL VALVES, HATCHES, AND FENCING.
- REMOVE EXISTING ELECTRICAL PANELS, SUPPORTS, SERVICE RUNS, AND CONDUITS. COORDINATE ALL ELECTRICAL WORK WITH YORK ELECTRICAL COOPERATIVE PRIOR TO DEMO WORK.
- CONTRACTOR SHALL DISPOSE OF ALL OTHER DEMOLITION MATERIALS OFFSITE AT AN ACCEPTABLE LOCATION.

KEY NOTES:

- REMOVE EXISTING ELECTRICAL PANELS, SUPPORTS, SERVICE RUNS, TRANSFORMER AND CONDUITS. COORDINATE ALL ELECTRICAL WORK WITH YORK ELECTRICAL COOPERATIVE.
- REMOVE EXISTING PUMP CONTROL PANEL, GENERATOR AND EQUIPMENT PADS.
- DEMOLISH AND BACKFILL EXISTING WET WELL/MANHOLE. SEE DETAIL SHEET C-502.
- REMOVE ENTIRE VALVE VAULT, ALL PIPING AND VALVES. FILL WITH EARTH MATERIAL AND TOP-SOIL PER YORK COUNTY TRENCHING AND BACKFILL SPECIFICATIONS.
- DRAIN AND CAP END OF EXISTING FORCE MAIN.
- REMOVE EXISTING FENCE AND GATE.
- COORDINATE THE ABANDONMENT OF THE 1" POTABLE WATER SERVICE WITH YORK COUNTY ENGINEERING.

SUGGESTED SEQUENCE OF CONSTRUCTION FOR THE DEMOLITION OF BROOK SPRINGS PUMP STATION:

- CONSTRUCT THE NEW 8" GRAVITY SEWER TO EX-SSMH(I). PLUG NEW INLET SO THE OPERATION OF BROOK SPRINGS PUMP STATION REMAINS UNCHANGED. NO FLOW SHALL ENTER THE NEW SEWER UNTIL WRITTEN APPROVAL HAS BEEN GIVEN BY YORK COUNTY AND THE ENGINEER OF RECORD.
- AFTER ACCEPTANCE OF THE NEW GRAVITY SEWER, STOCKBRIDGE REGIONAL PUMP STATION (BY OTHERS) AND WRITTEN APPROVAL FROM YORK COUNTY AND THE ENGINEER OF RECORD, REMOVE THE EXISTING PLUG AT EX-SSMH(I) TO THE NEW MH-36. PLUG THE EXISTING 8" SEWER DISCHARGE AT EX-SSMH(I) TO THE BROOK SPRINGS PUMP STATION.
- DECOMMISSION THE ENTIRE BROOK SPRINGS PUMP STATION AS NOTED ABOVE.
- FLUSH EXISTING 6" FORCE MAIN.
- REMOVE ALL LIQUID AND SLUDGE FROM ALL STRUCTURES AND PIPING.
- RESTORE ALL DISTURBED AREAS PER SPECIFICATIONS.



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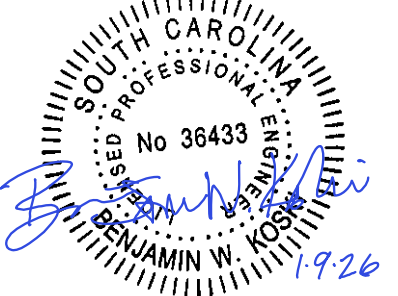
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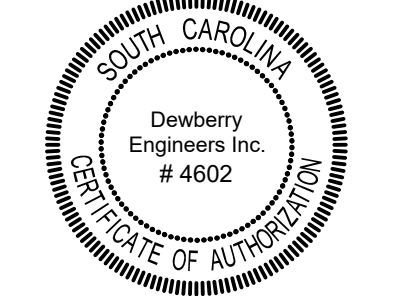
YORK COUNTY
STOCKBRIDGE TRUNK SEWER
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DATE JANUARY 2026

TITLE

BROOK SPRINGS P.S.
DEMOLITION PLAN

PROJECT NO. 50076071

C-405

MINIMUM TRENCH WIDTHS AT TOP OF THE PIPE:

NOMINAL PIPE SIZE, IN.	TRENCH WIDTH, IN.
4	28
6	30
8	32
10	34
12	36
14	38
16	40
18	42
20	44
24	48
30	54
36	60
42	66
48	72
54	78
60	84
64	88

SECTION VIEW
N.T.S.

NOTES:

- TRENCH SIDE SLOPES SHALL BE IN ACCORDANCE WITH OSHA REQUIREMENTS. SUPPORT OR SHORE WHEN TRENCH IS MORE THAN 5' DEEP AND 8' LONG. BEGIN SIDE SLOPE, IF USED, APPROX. 18" ABOVE TOP OF PIPE.
- BACKFILL TRENCHES IMMEDIATELY AFTER PIPE IS LAID. COMPACTION REQUIREMENTS SHALL BE ATTAINED BY THE USE OF MECHANICAL TAMPS ONLY. EACH LAYER OF BACKFILL SHALL BE PLACED LOOSE IN 6" LAYERS AND THOROUGHLY COMPACTED INTO PLACE.
- UNDER NO CIRCUMSTANCES SHALL WATER BE PERMITTED TO RISE IN UN-BACKFILLED TRENCHES AFTER THE PIPE HAS BEEN PLACED.
- ALL MATERIAL SHALL HAVE AN IN-PLACE DENSITY OF 100% TO A DEPTH OF 6" BELOW THE FINISHED GRADE OF THE BACKFILL MATERIAL, AND 95% AT GREATER THAN 6" BELOW GRADE.
- USE PC350 DUCTILE IRON PIPE IF COVER IS LESS THAN 30" OR GREATER THAN 16".
- FOR USE WITH ALL ASTM D3034 SDR 26 PVC PIPE UNLESS CONDITIONS OF POOR OR SATURATED SOIL OR ROCK ARE PRESENT.

NO.	DATE	REVISIONS
1	8/19	STANDARDS UPDATE

YORK COUNTY ENGINEERING STANDARDS

PIPE INSTALLATION
GRAVITY SEWER

STD. NO.
15.01

DATE
08/19

PLAN VIEW
N.T.S.

SECTION VIEW
N.T.S.

SECTION VIEW
N.T.S.

SIZE OF D.I. CARRIER PIPE	SIZE OF STEEL CASING PIPE (1)	COATED PIPE MIN. WALL THK. (1)	PIPE CLASS (1)
2"	6"	0.250	STANDARD
4"	12"	0.3125	SCHED.20
6"	14"	0.3125	SCHED.20
8"	16"	0.3125	SCHED.10
10"	18"	0.375	SCHED.10
12"	22"	0.375	SCHED.10
14"	24"	0.4375	SCHED.10
16"	26"	0.4375	SCHED.10

(1) OR AS REQUIRED BY THE OWNER OF THE RIGHT-OF-WAY BEING CROSSED

NOTE:

CASING TO REMAIN AFTER INSTALLATION. IF CASING IS NON-COATED AND IS NOT CATHODICALLY PROTECTED, THE WALL THICKNESS SHALL BE INCREASED TO THE NEAREST STANDARD SIZE WHICH IS A MINIMUM OF 0.083" GREATER THAN THE THICKNESS SHOWN EXCEPT FOR DIAMETERS UNDER 12 3/4".

NO.	DATE	REVISIONS
1	3/09	REVISED MIN. WALL THICKNESS
2	8/19	STANDARDS UPDATE

YORK COUNTY ENGINEERING STANDARDS

BORING ENCASEMENT
STANDARD DETAIL

STD. NO.
15.06

DATE
08/19

PLAN VIEW
N.T.S.

SECTION VIEW
N.T.S.

SECTION VIEW
N.T.S.

NOTES:

- CONCRETE COLLAR NOT NEEDED WHEN CLEAN-OUT OCCURS IN CONCRETE PAVEMENT.

NO.	DATE	REVISIONS
1	9/08	ADDED PLAN VIEW
2	1/19	STANDARDS UPDATE

YORK COUNTY ENGINEERING STANDARDS

SEWER SERVICE LATERAL
CLEAN-OUT

STD. NO.
12.10

DATE
01/19

NEW WATERLINE (CUT SLOPE CONDITION) SEE PROFILE SHEETS

NEW WATERLINE (FILL SLOPE CONDITION) SEE PROFILE SHEETS

NO.	DATE	REVISIONS
1	5/19	STANDARDS UPDATE

YORK COUNTY ENGINEERING STANDARDS

TYPICAL PIPE DEPTH
CUT AND FILL SLOPE CONDITIONS

STD. NO.
15.05

DATE
05/19

PARALLEL PIPES
N.T.S.

CROSSOVER PIPES
N.T.S.

MINIMUM VERTICAL CLEARANCE
N.T.S.

VERTICAL CLEARANCE LESS THAN MINIMUM
N.T.S.

NOTES:

- WHEN LATERAL SEPARATION IS 10' OR GREATER, NO VERTICAL CLEARANCE IS REQUIRED.

NO.	DATE	REVISIONS
1	3/09	REVISED MIN. WALL THICKNESS
2	8/19	STANDARDS UPDATE

YORK COUNTY ENGINEERING STANDARDS

PIPE SEPARATION REQUIREMENTS
FOR WATER MAINS AND SANITARY SEWER LINES

STD. NO.
15.07

DATE
10/06

DETAIL 1
CURB & GUTTER

DETAIL 2
CURB & GUTTER

DETAIL 3
CURB & GUTTER

DETAIL 4
CURB & GUTTER

NOTES:

- USE SHEET 720-105-01 FOR NOTES.
- USE 3" CURBS AND GUTTERS ONLY BETWEEN DUAL PAVEMENT RIGIDITY AT AN INTERSECTION WHEN NO DRAINAGE STRUCTURE IS REQUIRED AND 3" CURBS IS SHOWN ON THE FUTURE HIGHWAY MAP STANDARDS.
- USE TRANSITION CURBS AT END OF CURB AND GUTTER SECTIONS AND WHERE GROUPED CURBS ARE REQUIRED.

NO.	DATE	REVISIONS
1	3/09	REVISED MIN. WALL THICKNESS
2	8/19	STANDARDS UPDATE

YORK COUNTY ENGINEERING STANDARDS

STANDARD DRAWING
CURB & GUTTER (CONCRETE)

STD. NO.
720-105-01

DATE
10/06

ORIGINAL GROUND LINE

NOTE:

CLAYS, SILTS, LOAMS, OR NONHOMOGENEOUS SOILS REQUIRE SHORING AND BRACING. THE PRESENCE OF GROUNDWATER REQUIRES SPECIAL TREATMENT.

NO.	DATE	REVISIONS
1	8/19	STANDARDS UPDATE

YORK COUNTY ENGINEERING STANDARDS

EXCAVATION AND TRENCHING
APPROX. ANGLES OF REPOSE OF VARIOUS SOIL TYPES

STD. NO.
15.16

DATE
12/08

TEMPORARY STEEL PLATING TO ALLOW ADEQUATE TIME FOR CURING OF THE FLOWABLE FILL MATERIAL

TAPER COLD MIX ASPHALT ON ALL EDGES OF STEEL PLATE FROM HEIGHT OF THE STEEL PLATE EXTENDING A MINIMUM OF 1 FOOT TO THE EXISTING ROAD SURFACE.

COMPACTED THICKNESS HOT LAID TYPE 1A ASPHALT SURFACE COURSE (THICKNESS TO MATCH EXISTING PAVEMENT THICKNESS)

TRENCH TO BE BACKFILLED WITH CONTROLLED LOW STRENGTH MATERIAL (CLSM)

COMPACTED BACKFILL

PIPE TO BE PROTECTED WITH POLYETHYLENE ENCASEMENT, IF CLSM IS IN CONTACT WITH PIPE

NOTES:

- CONTROLLED LOW STRENGTH MATERIAL (CLSM) TO COMPLY WITH FLOWABLE FILL SECTION 210 OF THE SCDOT'S STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION.
- ANY PIPE IN CONTACT WITH CLSM MUST COMPLY WITH ANSI/AWWA C105/A21.5-10, AWWA STANDARD FOR POLYETHYLENE ENCASEMENT FOR DUCTILE-IRON PIPE SYSTEMS.
- TEMPORARY STEEL PLATING INSTALLATION MUST COMPLY WITH LOCAL JURISDICTIONAL REQUIREMENTS.

NO.	DATE	REVISIONS
1	8/19	STANDARDS UPDATE

YORK COUNTY ENGINEERING STANDARDS

OPEN-CUT & REPAIR
YORK COUNTY AND SCDOT ROADWAY

STD. NO.
15.19

DATE
08/19

SECTION A
CURB & GUTTER

SECTION A
CURB & GUTTER

DETAIL 6
CURB & GUTTER

DETAIL 7
CURB & GUTTER

NOTES:

- USE SHEET 720-105-01 FOR NOTES.
- USE 3" CURBS AND GUTTERS ONLY BETWEEN DUAL PAVEMENT RIGIDITY AT AN INTERSECTION WHEN NO DRAINAGE STRUCTURE IS REQUIRED AND 3" CURBS IS SHOWN ON THE FUTURE HIGHWAY MAP STANDARDS.
- USE TRANSITION CURBS AT END OF CURB AND GUTTER SECTIONS AND WHERE GROUPED CURBS ARE REQUIRED.

NO.	DATE	REVISIONS
1	3/09	REVISED MIN. WALL THICKNESS
2	8/19	STANDARDS UPDATE

YORK COUNTY ENGINEERING STANDARDS

STANDARD DRAWING
CURB & GUTTER (CONCRETE)

STD. NO.
720-105-02

DATE
10/06

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SHEET INDEX

APPROVED
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Date: 7/26/2022
LD Permit #20-00182

YORK COUNTY
STOCKBRIDGE TRUNK SEWER
SANITARY SEWER IMPROVEMENTS
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YORK COUNTY, SOUTH CAROLINA

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CONSTRUCTION
DETAILS

PROJECT NO. 50076071

C-503