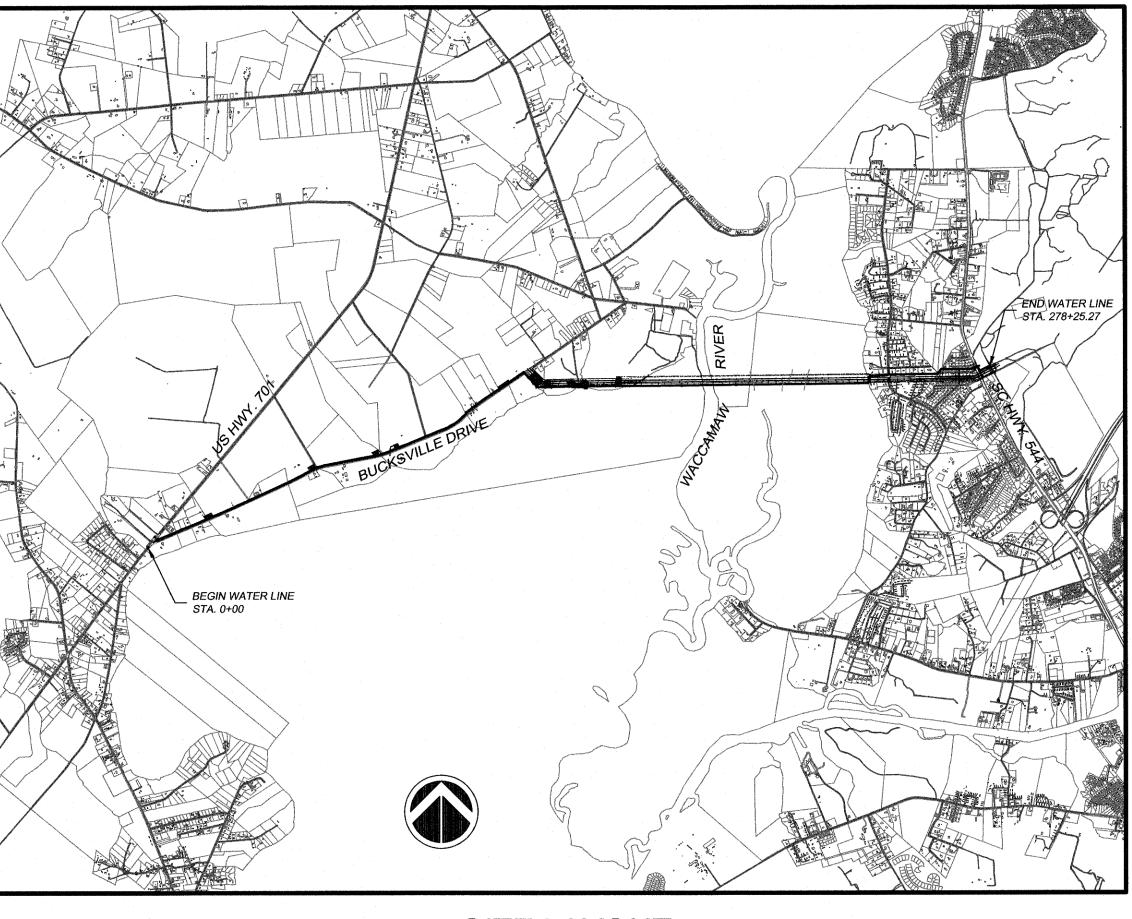
	CONSTRUCTION	
PHASE	START DATE	COMPLETION DATE
1	SEPTEMBER 2019	SEPTEMBER 2020

		REVISION OCCURRENCE LIST	
8	8/30/19	REVISED PER GSW&SA COMMENTS	KJG
7	7/1/19	REVISED PER IN HOUSE REVIEW	KJG
6	5/17/19	REVISED PER IN HOUSE REVIEW	KJG
5	4/3/19	REVISED PER IN HOUSE COMMENTS.	PES
4	3/6/19	REVISED PER GSWSA COMMENTS.	KJG
3	9-19-18	ADDED KEY PLAN	KJG
2	10-27-17	REVISIONS PER IN HOUSE REVIEW.	PES
1	8-14-17	REVISIONS PER GSWSA COMMENTS.	PES
REVISION NO.	DATE	REVISION DESCRIPTION	BY

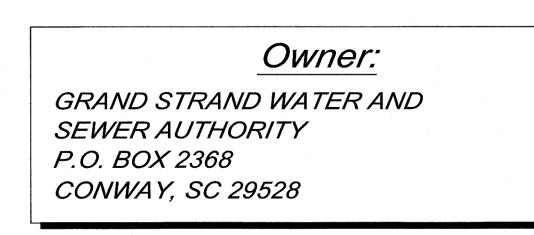
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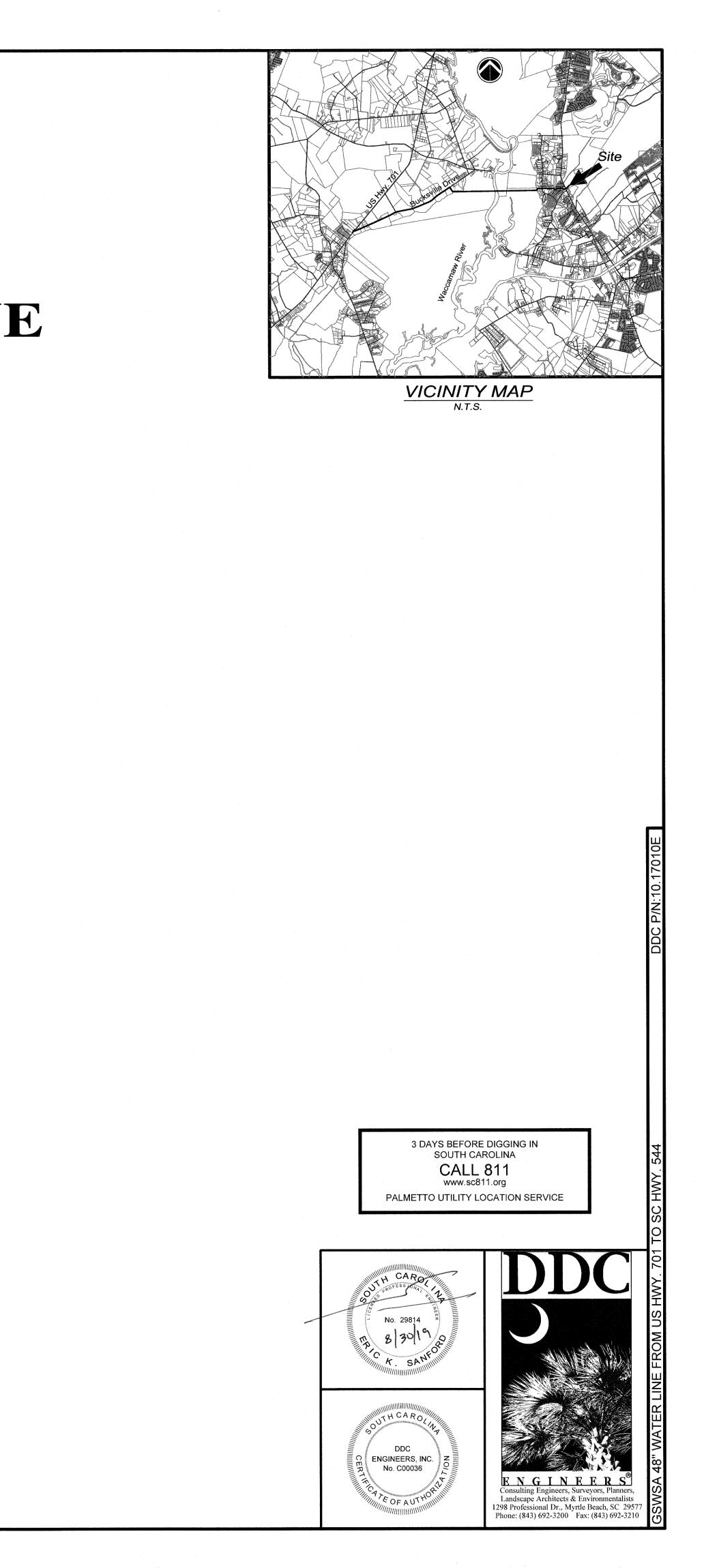
Construction Plans for

US HWY. 701 TO SC HWY. 544 48" WATER TRANSMISSION LINE IMPROVEMENT PROJECT



SITE LAYOUT SCALE: 1" = 3000'





GENERAL NOTES:

- ALL UTILITIES SHOWN ARE APPROXIMATE LOCATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING 24-HOUR NOTICE TO ALL RESPECTIVE UTILITY COMPANIES FOR FIELD VERIFICATION OF EXISTING UTILITIES. ANY DAMAGES TO EXISTING UTILITIES DUE TO THIS CONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- 2. WATER AND SEWER LINES SHALL BE INSTALLED WITH A MINIMUM OF 10 FEET HORIZONTAL SEPARATION. WHEN WATER AND SEWER LINES CROSS, THE SEWER LINE SHALL BE PLACED UNDER THE WATER MAIN WITH A MINIMUM OF 18" VERTICAL SEPARATION. SEWER MAINS IN RELATION TO WATER MAINS MUST CONFORM TO SOUTH CAROLINA STATE PRIMARY DRINKING WATER REGULATIONS (R. 61-58).
- 3. PROVISIONS SHALL BE MADE TO ENSURE POSITIVE DRAINAGE ON THE SITE AT ALL TIMES. NATURAL DRAINAGE FEATURES DISTURBED BY CONSTRUCTION MUST BE RE-ESTABLISHED. NO PONDING DUE TO SPOILS STOCKPILING OR OTHER ACTIVITIES SHALL BE PERMITTED.
- 4. WORK WITHIN PUBLIC RIGHT-OF-WAYS OR PRIVATE EASEMENTS SHALL BE ACCOMPLISHED BY THE CONTRACTOR ACCORDING TO THE REQUIREMENTS OR CONDITIONS OF THE ENCROACHMENT PERMIT OR OTHER LEGAL DOCUMENTS AS THOUGH DOCUMENTS WERE ISSUED IN THE CONTRACTORS NAME. THE CONTRACTOR SHALL MAINTAIN COPIES OF THESE DOCUMENTS ON THE SITE AT ALL TIMES.
- 5. WHEN THE CONTRACTOR IS UNABLE TO COMPLETE HIS WORK AS SHOWN ON THE PLANS BECAUSE OF AN EXISTING UTILITY, CONTRACTOR SHALL STAKE THE LOCATION OF THE UTILITY PRIOR TO PROCEEDING AND CONTACT THE ENGINEER.
- 6. THE CONTRACTOR SHALL NOTIFY ALL PUBLIC AGENCIES, THE OWNER, THE ENGINEER AND ALL OTHER CONCERNED PARTIES WHEN CONSTRUCTION IS TO COMMENCE. PRIOR TO ANY CONSTRUCTION A PRE CONSTRUCTION MEETING SHALL BE HELD WITH THE MUNICIPALITY/AUTHORITY, THE CONTRACTOR, THE ENGINEER AND ANY OTHER INTERESTED PARTY.
- 7. DATA REQUIRED FOR PREPARATION OF AS-BUILT DRAWINGS SHALL BE OBTAINED BY THE CONTRACTOR AT THE TIME OF INSTALLATION. THIS DATA SHALL BE ACCUMULATED BY THE CONTRACTOR DURING THE CONSTRUCTION PERIOD AND BE SUBMITTED TO THE ENGINEER IN A NEAT AND LEGIBLE MANNER AFTER COMPLETION OF THE PROJECT. RIM AND INVERT ELEVATIONS WILL BE VERIFIED BY THE ENGINEER'S SURVEYOR.
- ALL WORK SHALL BE IN ACCORDANCE WITH THE APPLICABLE FEDERAL, SOUTH CAROLINA AND LOCAL ORDINANCES, REGULATIONS, SPECIFICATIONS AND PERMITS. THE CONTRACTOR IS RESPONSIBLE FOR ACQUIRING ALL LICENSES AND PERMITS AS REQUIRED.
- 9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING THE ENGINEER, AND GRAND STRAND WATER AND SEWER AUTHORITY PRIOR TO ANY CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ACQUIRING ALL LICENSES AND PERMITS AS REQUIRED BY HORRY COUNTY ORDINANCES.
- ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO GRADING.
 THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL SILT BARRIERS AND SEDIMENT
- CONTROL INSTALLATIONS DURING CONSTRUCTION UNTIL COMPLETION OF THE SITE DEVELOPMENT. 12. FINAL GRADING SHALL CONSIST OF SPREADING TOP SOIL (FOUR INCHES MINIMUM TO GRADES INDICATED)
- ON ALL DISTURBED AREAS. 13. ALL DISTURBED AREAS SHALL BE GRASSED AND STABILIZED IMMEDIATELY AFTER FINAL GRADING, AS PER
- THE GRASSING SPECIFICATIONS. 14. ALL SLOPES EXCEEDING 4:1 SHALL BE HYDROSEEDED, AS PER THE GRASSING REQUIREMENTS AND SCDOT SPECIFICATIONS.
- 15. ALL SILT BARRIERS MUST BE PLACED IMMEDIATELY AS ACCESS IS OBTAINED DURING CLEARING, REGARDLESS OF PLAN REQUIREMENTS. NO GRADING SHALL BE DONE UNTIL SILT BARRIER INSTALLATION HAS BEEN COMPLETED.
- 16. THE CONTRACTOR SHALL INSTALL AND MAINTAIN SILT BARRIERS AROUND ALL DRAINAGE STRUCTURES UNTIL ALL CONSTRUCTION HAS BEEN COMPLETED.
- 17. ADDITIONAL EROSION CONTROL MEASURES WILL BE EMPLOYED WHERE DETERMINED NECESSARY BY ACTUAL SITE CONDITIONS.
- 18. PROVISIONS TO PREVENT EROSION OF SOIL FROM THE SITE SHALL BE, AS MINIMUM, IN CONFORMANCE WITH THE REQUIREMENTS OF HORRY COUNTY AND SCDHEC-OCRM DEALING WITH EROSION AND SEDIMENTATION.
- 19. SITE CONSTRUCTION WILL COMMENCE WITH THE INSTALLATION OF ALL EROSION CONTROL MEASURES NECESSARY TO CONTROL SEDIMENT DEPOSITS AND EROSION. ALL SEDIMENT CONTROL WILL BE MAINTAINED UNTIL ALL DISTURBED AREAS ARE STABILIZED WITH PERMANENT VEGETATION.
- 20. EROSION CONTROL DEVICES MUST BE INSTALLED IMMEDIATELY AFTER LAND DISTURBANCE OCCURS. THE LOCATION OF SOME OF THE CONTROL DEVICES MAY BE ALTERED FROM THAT SHOWN ON THE APPROVED PLANS, IF DRAINAGE PATTERNS DURING CONSTRUCTION VARY FROM THE FINAL DRAINAGE PATTERNS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE SOIL EROSION CONTROL FOR ALL DRAINAGE PATTERNS DURING ALL STAGES OF CONSTRUCTION. ALL INADEQUACIES IN SOIL EROSION CONTROL DURING ANY PHASE OF CONSTRUCTION MUST BE REPORTED IMMEDIATELY TO THE ENGINEER.
- 21. THE CONTRACTOR SHALL MAINTAIN ALL EROSION CONTROL MEASURES UNTIL PERMANENT VEGETATION HAS BEEN ESTABLISHED. THE CONTRACTOR SHALL INSPECT EROSION CONTROL MEASURES AT THE END OF EACH WORKING DAY TO ENSURE PROPER FUNCTIONING OF ALL DEVICES.
- 22. THE CONTRACTOR SHALL REMOVE ACCUMULATED SILT AND DEBRIS FROM SILT BARRIERS WHEN SILT IS WITHIN TWELVE (12) INCHES OF THE TOP OF THE SILT FENCE.
- 23. FAILURE TO INSTALL, OPERATE AND MAINTAIN ALL EROSION CONTROL MEASURES, AS SHOWN ON THE APPROVED PLANS OR AS DIRECTED BY THE ENGINEER AND/OR HORRY COUNTY WILL RESULT IN ALL WORK ON THE CONSTRUCTION SITE BEING STOPPED UNTIL PROPER CORRECTIVE MEASURES HAVE BEEN MET, AS REQUIRED AND/OR DIRECTED.
- SILT BARRIERS MUST BE PLACED AT THE DOWNSTREAM TOE OF ALL FILL SLOPES.
 ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN FOURTEEN (14) DAYS SHALL BE STABILIZED WITH TEMPORARY GRASSING. STABILIZATION MEASURES SHALL BE INITIATED BY THE 14TH DAY.
- 26. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING EXISTING UTILITIES AND FOR REPAIRING ANY DAMAGE TO SAME. UTILITY LOCATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL CONTACT ALL UTILITY COMPANIES THAT MAY HAVE SERVICE IN THE AREA FOR AN ACCURATE LOCATION PRIOR TO BEGINNING WORK.

OR AS SOON AS POSSIBLE, AFTER THE TEMPORARY OR PERMANENT CEASE OF CONSTRUCTION ACTIVITY.

- 27. RESIDENTIAL SUBDIVISIONS REQUIRE EROSION CONTROL FEATURES FOR INFRASTRUCTURES AS WELL AS FOR INDIVIDUAL LOT CONSTRUCTION. INDIVIDUAL PROPERTY OWNERS SHALL FOLLOW THESE PLANS DURING LOT CONSTRUCTION OR PROVIDE AN INDIVIDUAL PLAN MEETING SECTION R 72-307 OF THE STORMWATER AND SEDIMENT REDUCTION ACT REQUIREMENTS.
- 28. THE CONTRACTOR MUST EXCAVATE THE PONDS AS INDICATED ON THE PLANS. THE CONTRACTOR MUST PERIODICALLY REMOVE SILT AND DEBRIS FROM THE PONDS AS MAY BE DIRECTED BY THE OWNER OR ENGINEER. IMMEDIATELY AFTER ALL EXCAVATION HAS BEEN COMPLETED, THE CONTRACTOR SHALL STABILIZE THE POND SLOPES AS PER THE GRASSING SPECIFICATIONS.
- 29. ALL SEDIMENT CONTROL MEASURES SHALL BE INSPECTED AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND AFTER ANY STORM EVENT OF GREATER THAN 0.5 INCHES OF PERCIPITATION DURING ANY 24 HOUR PERIOD. ALL SEDIMENT CONTROL FEATURES SHALL BE MAINTAINED UNTIL FINAL STABILIZATION HAS BEEN OBTAINED. ON SITE INSPECTOR: DDC ENGINEERS, INC. PHONE # 843-692-3200.
- 30. 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 14 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED, UNLESS ACTIVITY IN THAT PORTION OF THE SITE WILL RESUME WITHIN 21 DAYS.
- 31. DATA REQUIRED FOR PREPARATION OF RECORD DRAWINGS SHALL BE OBTAINED AND RECORDED BY THE CONTRACTOR AT THE TIME OF INSTALLATION. THIS DATA SHALL BE ACCUMULATED BY THE CONTRACTOR DURING THE CONSTRUCTION PERIOD AND EVIDENCE PROVIDED TO THE ENGINEER AS PART OF THE MONTHLY PAY REQUEST. PAY REQUESTS WILL NOT BE APPROVED BY THE ENGINEER IF THIS DATA IS NOT SUBMITTED WITH THE PAY REQUEST. CONTRACTOR IS TO PROVIDE NEAT AND LEGIBLE COMPLETED RECORD DRAWINGS TO THE ENGINEER AT THE COMPLETION OF THE PROJECT.
- 32. CONTRACTOR IS TO COMPLY WITH ALL PROVISIONS OF THE "SOUTH CAROLINA MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES" SECTION V, WHEN WORKING IN OR ADJACENT TO AN EXISTING PUBLIC HIGHWAY RIGHT OF WAY. THIS SECTION COVERS CONSTRUCTION SIGNAGE, FLAGGING, AND OTHER TRAFFIC CONTROL DEVICES.

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LEGEND			
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DESCRIPTION
RIGHT-OF-WAY
CENTERLINE
EASEMENT
SWALE / DITCH
TREES
TREE LINE
PAVEMENT
EX. ROAD
CONTOUR
SPOT ELEVATION
MAILBOX
POWER POLE GUY WIRE
GUY WIRE TELEPHONE PEDESTAL
OVERHEAD ELECTRIC
UNDERGROUND ELECTRIC
GAS
SIGN
WATER
WATER VALVE
WATER METER
FIRE HYDRANT
SANITARY SEWER
SANITARY SEWER MANHOLE
FORCE MAIN
STORM DRAIN
STORM DRAIN STRUCTURE

SHEET TITLE

COVER SHEET GENERAL NOTES, LEGEND AND S KEY PLAN 48" WATER LINE PLAN AND PROFI 30" FORCEMAIN PLAN AND PROFI SEDIMENT AND EROSION CONTRO GENERAL DETAILS GENERAL DETAILS GENERAL DETAILS GENERAL DETAILS

This set is current through sheet dated AUGUST 30, 2019

EROSION CONTROL LEGEND

SYMBOL	PRACTICE	DESCRIPTION
	INLET PROTECTION	A TEMPORARY SEDIMENT BARRIER LAID AROUND A STORM DRAIN INLET TO PREVENT SEDIMENT FROM ENTERING THE DRAINAGE SYSTEM.
	OUTLET PROTECTION	RIP RAP CHANNEL / BANK PLACED BELOW DRAINAGE OUTLETS TO REDUCE THE VELOCITY OF FLOW, EROSION, AND STABILIZE GRADES DOWNSTREAM OF OUTLET STRUCTURES.
	TEMPORARY CHECK DAM	RIP RAP BANK PLACED BELOW DRAINAGE OUTLETS TO REDUCE THE VELOCITY OF FLOW, EROSION AND STABILIZE GRADES DOWN STREAM OF DRAINAGE OUTLETS.
(SF)	SILT FENCE	A TEMPORARY STRUCTURE USED TO SLOW THE VELOCITY OF RUN-OFF, CAUSE SEDIMENT DEPOSITION AT THE STRUCTURE, AND FILTER SEDIMENT FROM RUN-OFF.
(SF2) ====	DOUBLE ROW SILT FENCE	A TEMPORARY STRUCTURE USED TO SLOW THE VELOCITY OF RUN-OFF, CAUSE SEDIMENT DEPOSITION AT THE STRUCTURE, AND FILTER SEDIMENT FROM RUN-OFF.
CL — —	CONSTRUCTION LIMITS	A DEFINED AREA THAT ALL LAND DISTURBANCE WILL OCCUR DURING CONSTRUCTION.
	PERMANENT EROSION CONTROL MATTING (HIGH PERFORMANCE TRM PYRAMAT BY SI GEOSOLUTIONS OR EQUAL)	A PERMANENT REINFORCEMENT MAT TO PREVENT SOIL EROSION AND MAINTAIN PERMANENT GROUND COVER.
Ds3	DISTURBED AREA STABILIZATION (WITH TEMPORARY VEGETATION)	ESTABLISHING PERMANENT VEGETATIVE COVER SUCH AS TREES, SHRUBS, VINES, GRASSES, SOD, OR LEGUMES ON DISTURBED AREAS.
ST	SEDIMENT TUBE	SEDIMENT TUBE PLACED IN EXISTING OR PROPOSED DITCH SECTIONS TO REDUCE THE VELOCITY OF FLOW, EROSION AND STABILIZE GRADES DOWN STREAM OR DRAINAGE OUTLETS.

SH	EET SCHEDULE		
	SHEET NUMBER	ORIGINAL DATE	REVISION DATE
	1	APRIL 28, 2017	JULY 1, 2019
SHEET SCHEDULE	2	APRIL 28, 2017	JULY 1, 2019
	KEY	SEPT. 19, 2018	MARCH 6, 2019
FILE	3	APRIL 28, 2017	AUGUST 30, 2019
FILE	4	APRIL 28, 2017	JULY 1, 2019
FILE	5	APRIL 28, 2017	OCTOBER 27, 2017
FILE	6	APRIL 28, 2017	JULY 1, 2019
FILE	7	APRIL 28, 2017	JULY 1, 2017
FILE	8	APRIL 28, 2017	JULY 1, 2019
FILE	9	APRIL 28, 2017	JULY 1, 2017
FILE	10	APRIL 28, 2017	JULY 1, 2019
FILE	11	APRIL 28, 2017	JULY 1, 2019
FILE	12	APRIL 28, 2017	JULY 1, 2019
FILE	13	APRIL 28, 2017	MAY 17, 2019
FILE	14	APRIL 28, 2017	MAY 17, 2019
FILE	15	APRIL 28, 2017	AUGUST 30, 2019
FILE	16	APRIL 28, 2017	AUGUST 30, 2019
FILE	17	APRIL 28, 2017	AUGUST 30, 2019
FILE	18	APRIL 28, 2017	MAY 17, 2019
FILE	19	APRIL 28, 2017	AUGUST 30, 2019
FILE	20	APRIL 28, 2017	AUGUST 30, 2019
FILE	21	APRIL 28, 2017	AUGUST 30, 2019
FILES	22	APRIL 28, 2017	OCTOBER 27, 2017
ROL DETAILS	23	APRIL 28, 2017	OCTOBER 27, 2017
	24	APRIL 28, 2017	AUGUST 30, 2019
	25	APRIL 28, 2017	APRIL 3, 2019
	26	APRIL 28, 2017	MAY 17, 2019
	27	APRIL 28, 2017	AUGUST 30, 2019
AUGUST 30. 2019			

SEEDING NOTES:

5 FEET IN HEIGHT.

5.

SCHEDULE

NO.

<u>NOTES:</u>

INCLUDES RURAL AREAS ADJACENT TO WELL-DEVELOPED LAWNS.
 NOT REQUIRED ON SHOULDERS, MEDIANS, ETC.., AND SLOPES UNDER

3. GIANT BERMUDA SEED, INCLUDING NK-37, SHALL NOT BE USED.

RESEEDING CRIMSON CLOVER SHALL BE INOCULATED IN ACCORDANCE WITH SUBSECTION 810.05. DO NOT PLANT CLOVER IN MEDIANS OR IN RURAL AREAS ADJACENT TO WELL-DEVELOPED LAWNS.

PENSACOLA BAHIA SHALL BE ALLOWED ONLY AS SHOWN IN SEEDING SCHEDULES 3 AND 4 AT THE RATE OF 50 POUNDS PER ACRE ONLY WHEN SEEDING PIT AREAS THAT ARE GOVERNED BY THE SOUTH CAROLINA MINING ACT. OTHERWISE, DO NOT INCLUDE BAHIA SEED IN THE MIX.

6. THE CONTRACTOR SHALL OBTAIN A SATISFACTORY STAND OF PERENNIAL VEGETATION WHOSE ROOT SYSTEM SHALL BE DEVELOPED SUFFICIENTLY TO SURVIVE DRY PERIODS AND WINTER WEATHER, AND BE CAPABLE OF RE-ESTABLISHMENT IN THE SPRING. THE PERENNIAL VEGETATIVE COVER SHALL HAVE A MINIMUM COVERAGE DENSITY OF 70% FOR THE SEEDED AREAS. CONTRACTOR SHALL DETERMINE ALL RATES OF APPLICATION NECESSARY TO PRODUCE THE REQUIRED STAND OF GRASS, AND SHALL FOLLOW THE APPLICATION PROCEDURES AS SPECIFIED HEREIN.

7. GIANT BERMUDA SEED, INCLUDING NK-37, SHALL NOT BE USED.

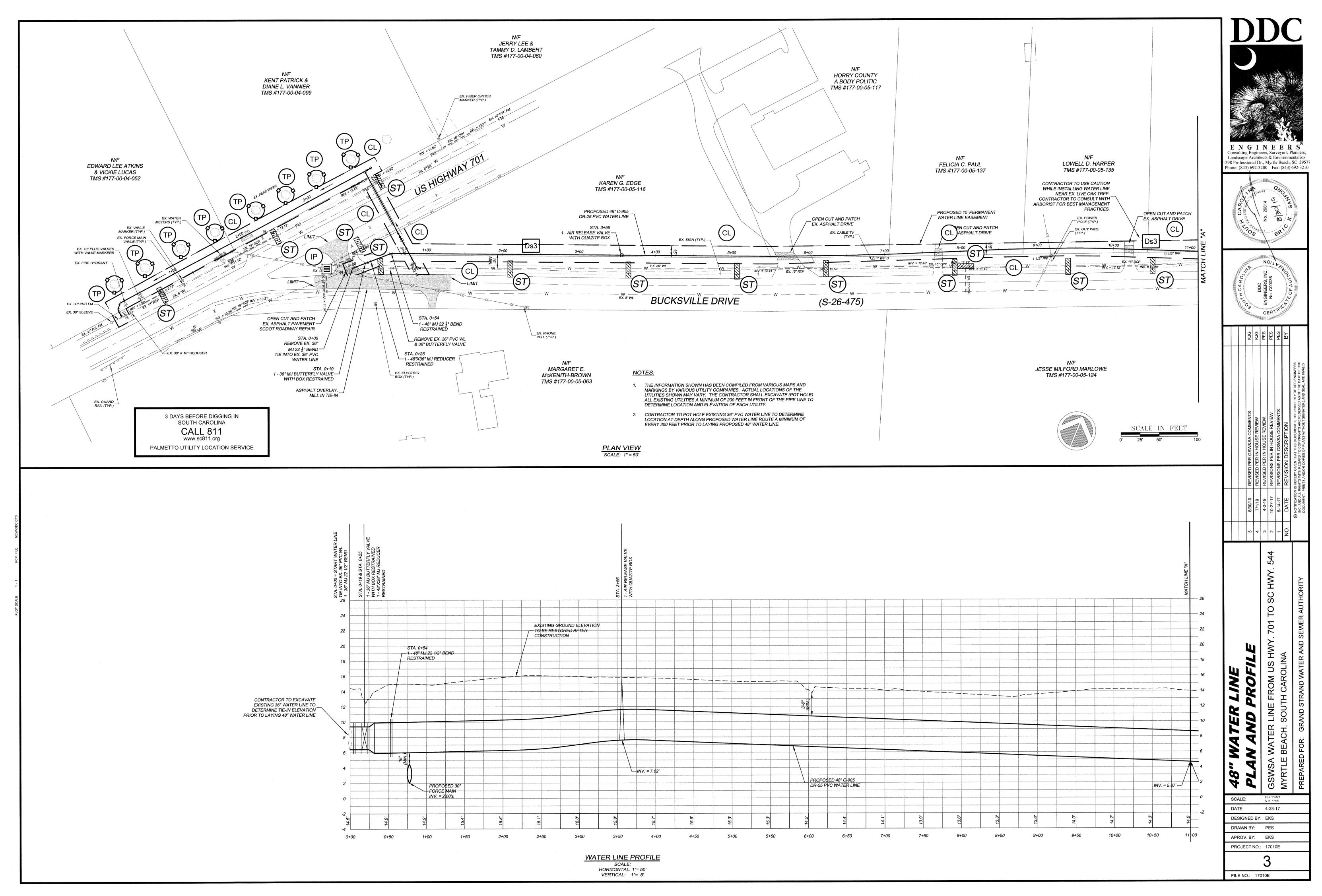
SEEDING SCHE TEMPORARY VE		Ds3
COMMON NAME OF SEED	RATE PER ACRE (LBS.)	PLANTING DATES
COMMON BERMUDA (HULLED)	210	MARCH 16 TO
TALL FESCUE	140	AUG. 31
COMMON BERMUDA (UNHULLED)	175	SEPT. 1 TO
ANNUAL RYEGRASS	175	MARCH 15

THE CONTRACTOR SHALL OBTAIN A SATISFACTORY STAND OF PERENNIAL VEGETATION WHOSE ROOT SYSTEM SHALL BE DEVELOPED SUFFICIENTLY TO SURVIVE DRY PERIODS AND WINTER WEATHER, AND BE CAPABLE OF RE-ESTABLISHMENT IN THE SPRING. THE PERENNIAL VEGETATIVE COVER SHALL HAVE A MINIMUM COVERAGE DENSITY OF 70% FOR THE SEEDED AREAS. CONTRACTOR SHALL DETERMINE ALL RATES OF APPLICATION NECESSARY TO PRODUCE THE REQUIRED STAND OF GRASS, AND SHALL FOLLOW THE APPLICATION PROCEDURES AS SPECIFIED HEREIN.

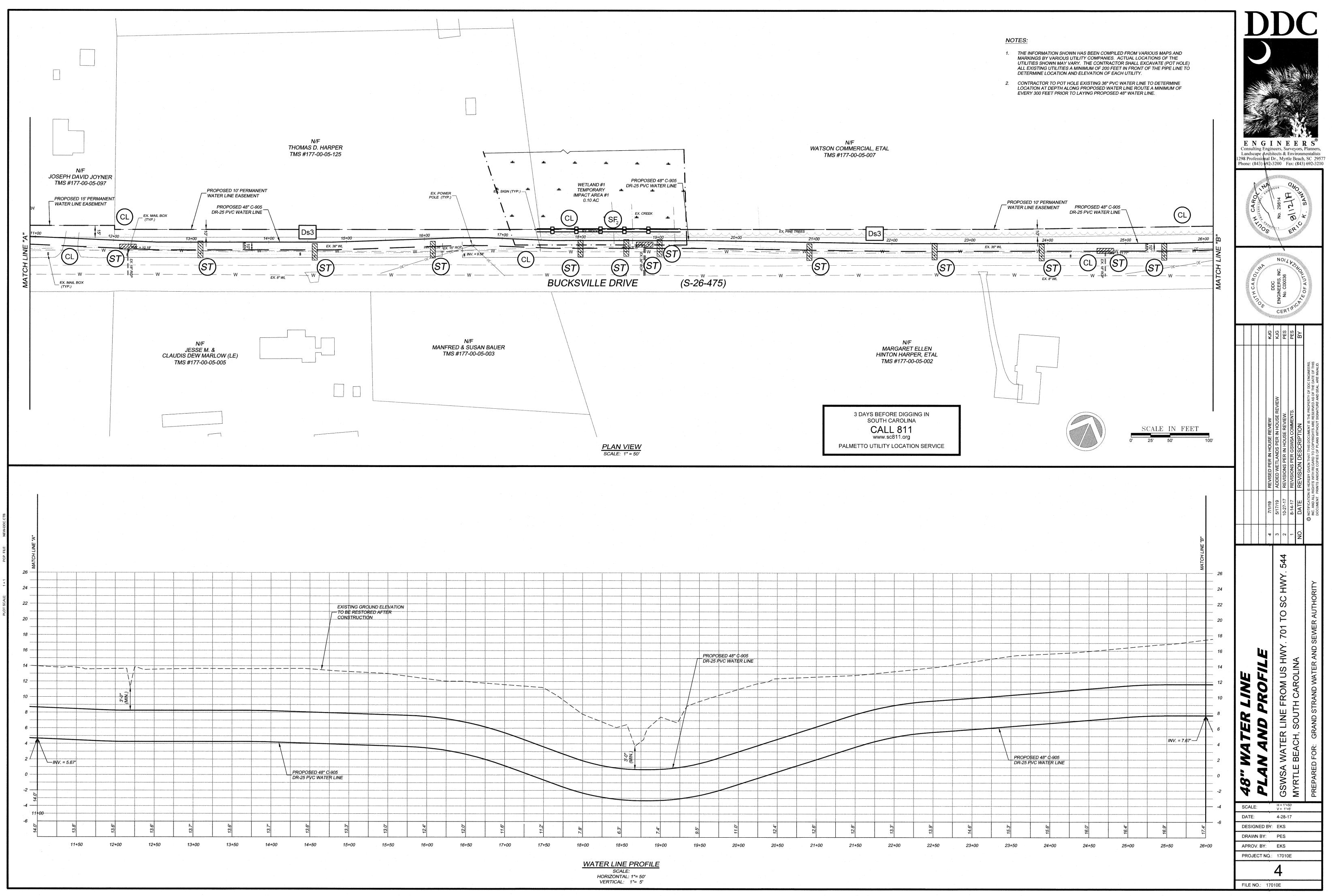
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	7 8/30/19 REVISED PER GSW&SA	6 7/1/19 REVISED PER IN HOUSE REVIEW	5 5/17/19 REVISED PER IN HOUSE REVIEW	4 4-3-19 REVISED PER IN HOUSE REVIEW.	3 9-19-18 ADDED KEY PLAN	2 10-27-17 REVISIONS PER IN HOUSE REVIEW.	1 8-14-17 REVISIONS PER GSWSA COMMENTS.	NO. DATE REVISION DESCRIPTION	O NOTIFICATION IS HEREBY GIVEN THAT THIS DOCUMENT IS THE PROPERTY OF DDC ENGINEERS, INC. AND ALL RIGHTS WITH REGARD TO COPYRIGHTS ARE RESERVED AS OF THE DATE OF THIS DOCUMENT. PRINTS AND/OR COPIES OF PLANS WITHOUT SIGNATURE AND SEAL, ARE INVALID.
	GENERAL NOIES, LEGENU		AND SHEET SCHEDULE			SI GSWSA WATER LINE FROM US HWY. 701 TO SC HWY. 544			PREPARED FOR: GRAND STRAND WATER AND SEWER AUTHORITY
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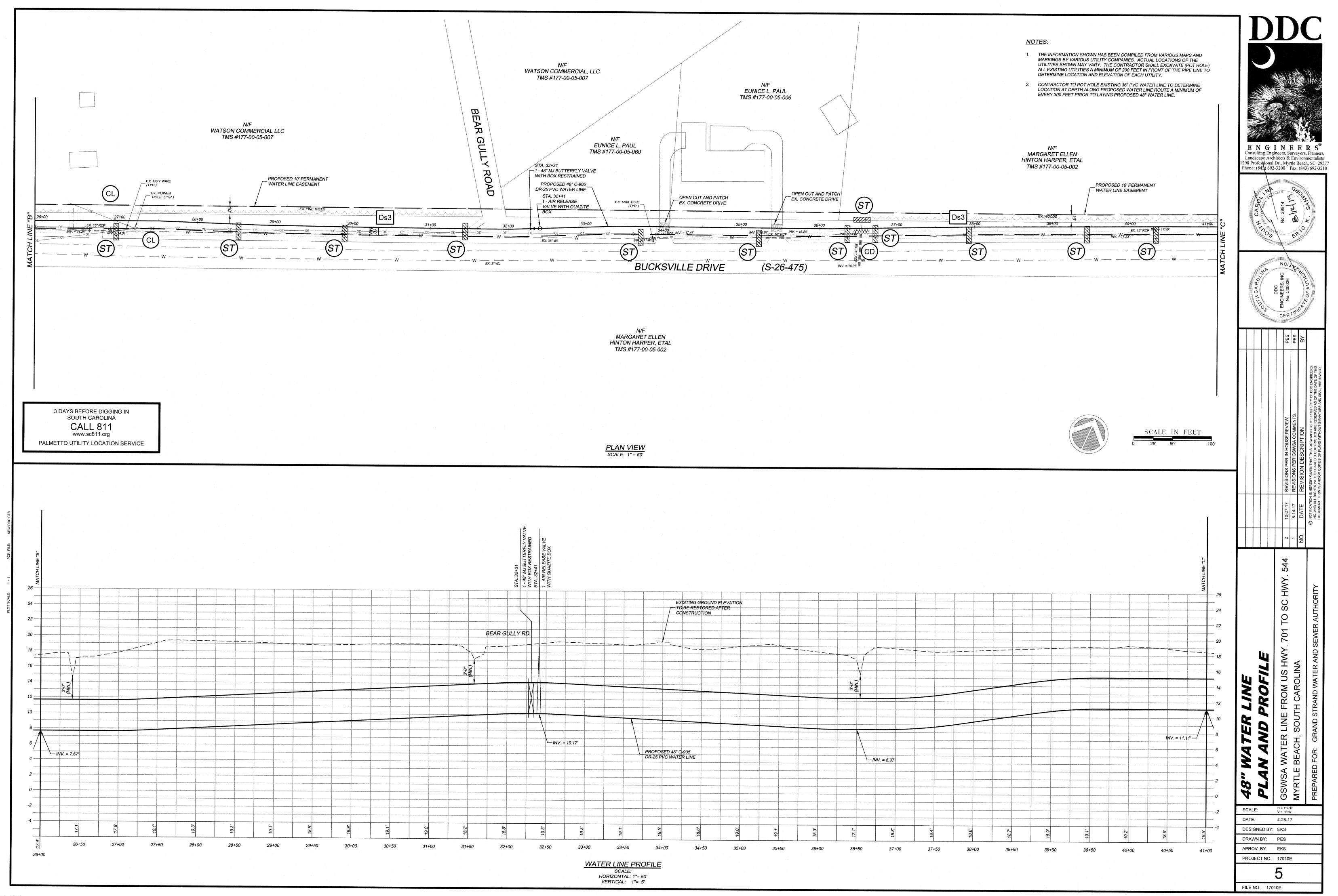
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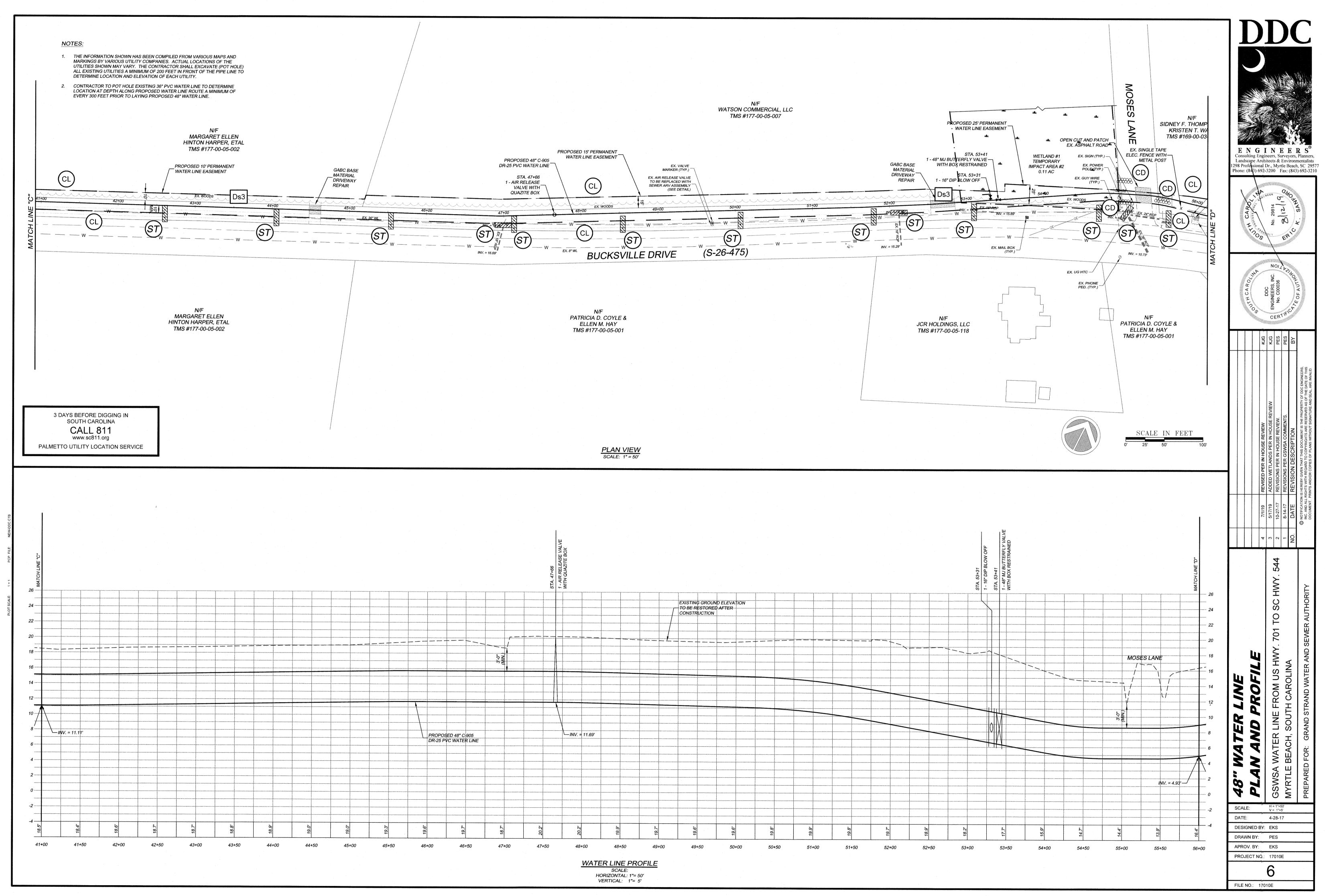
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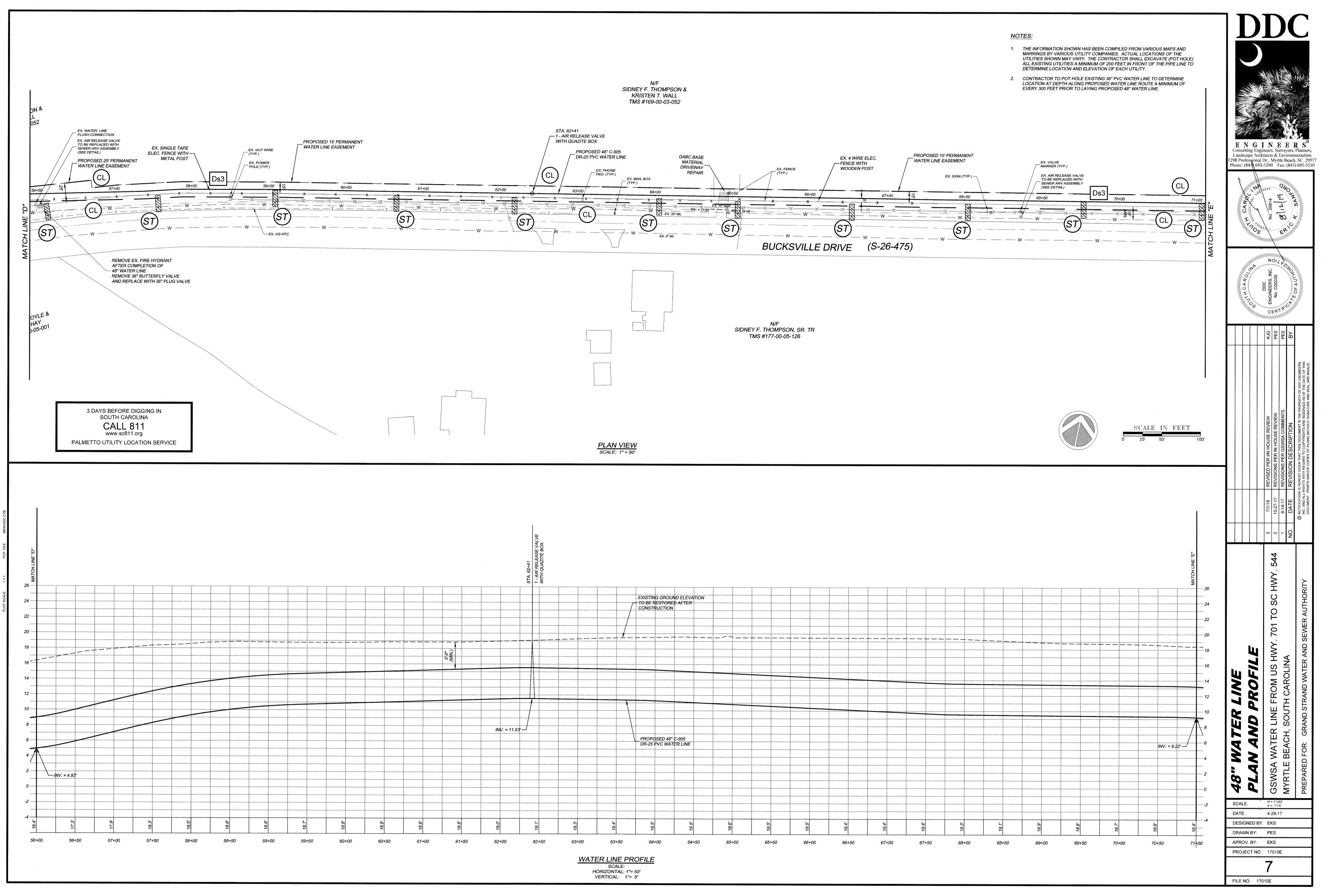


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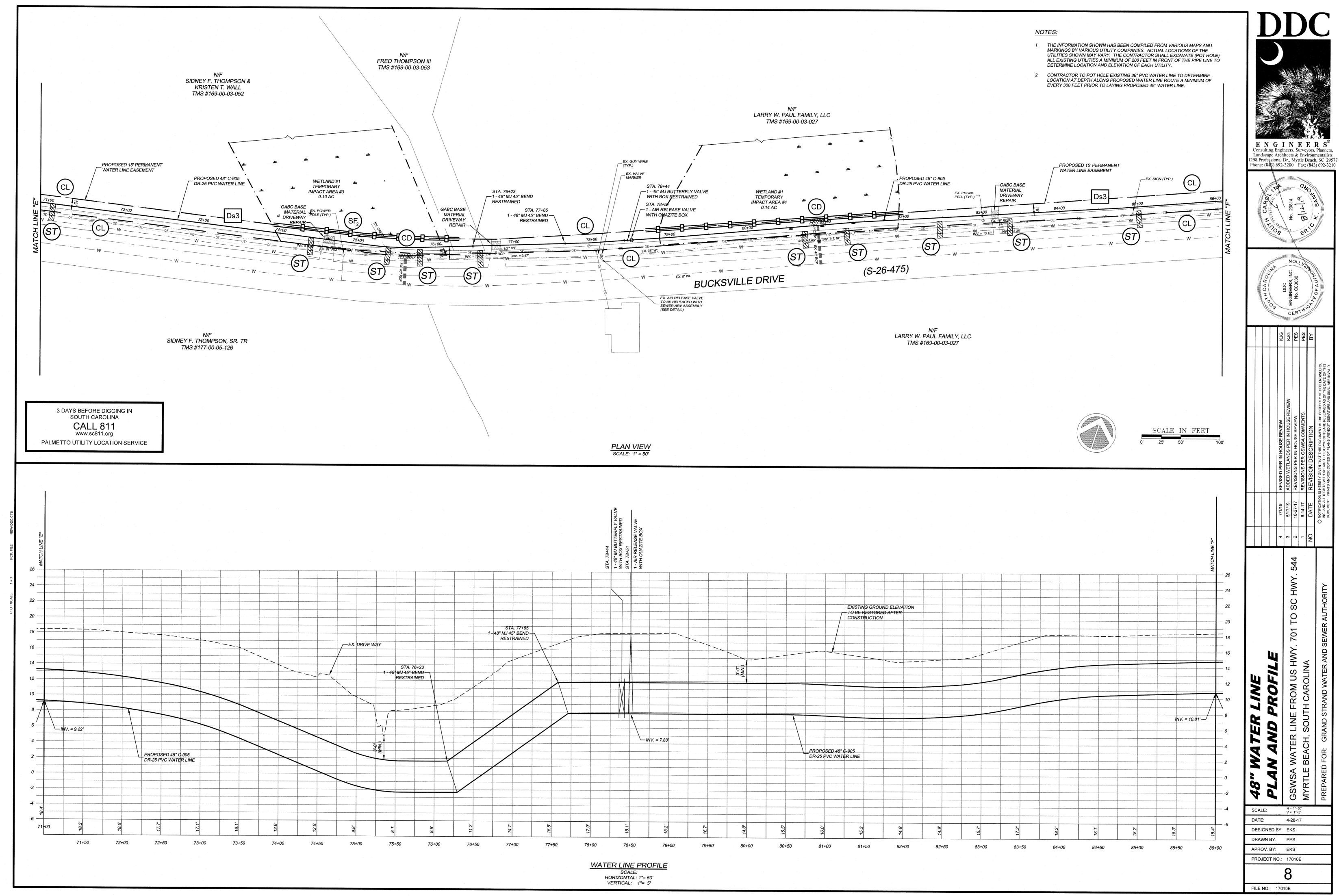


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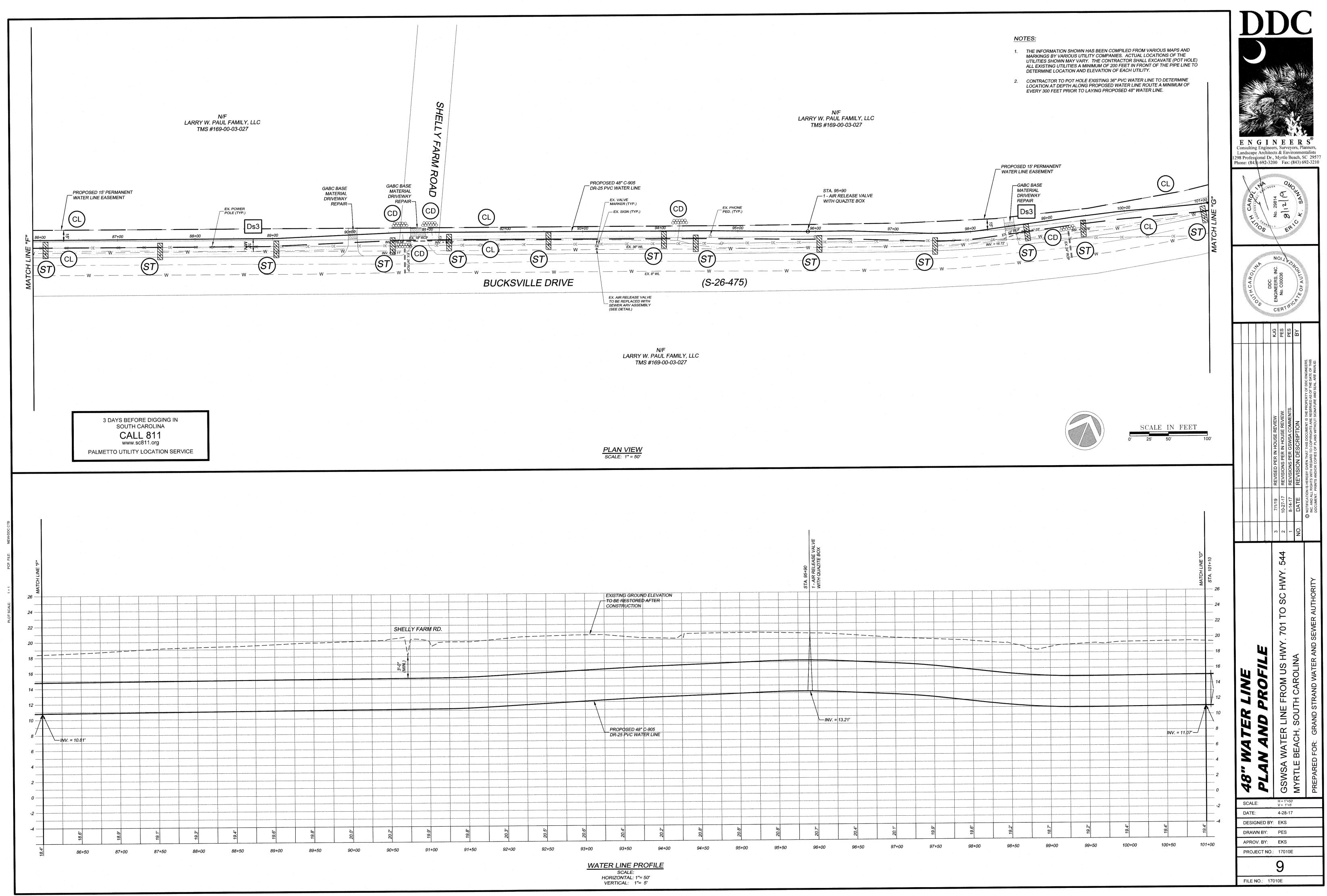
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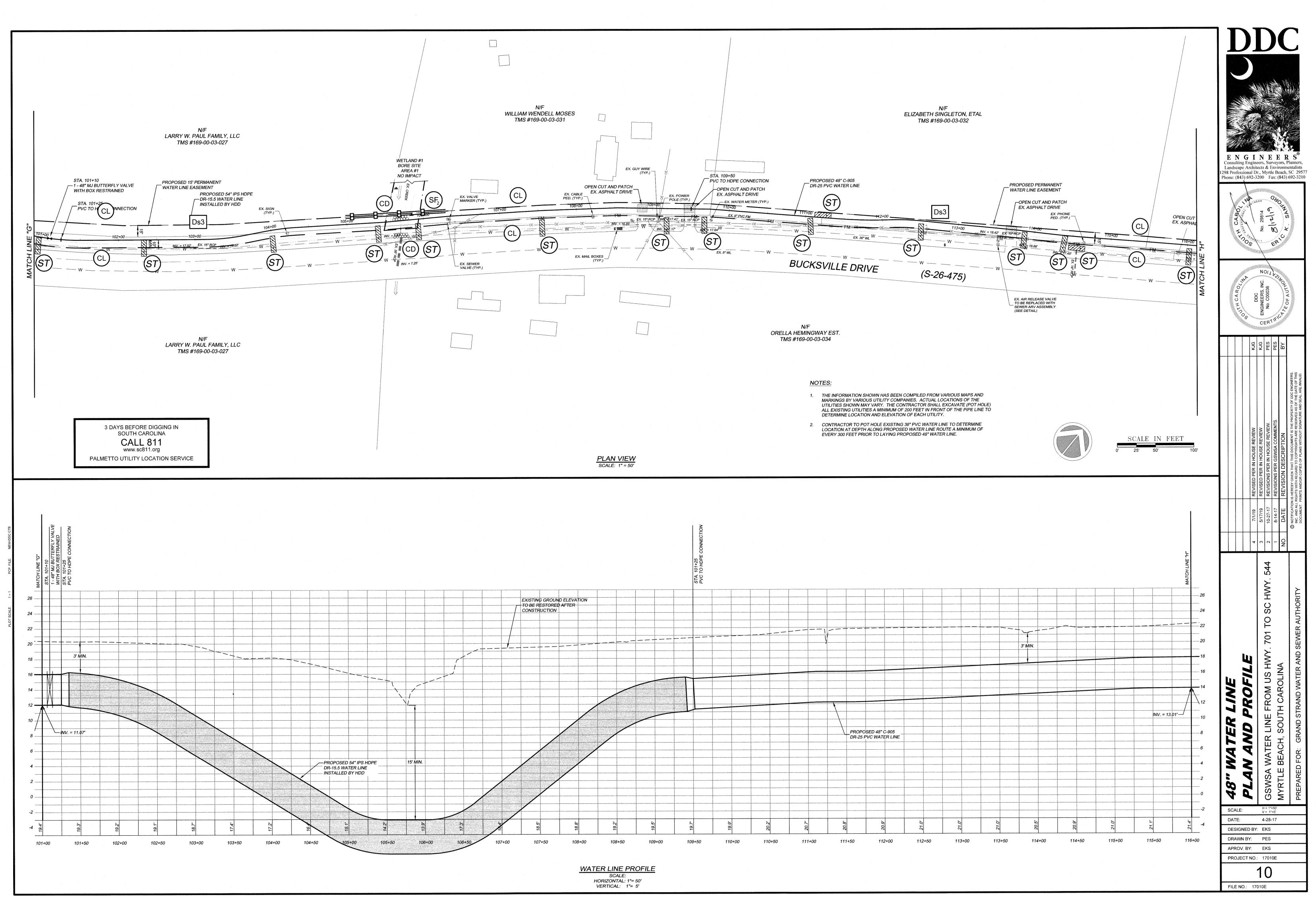
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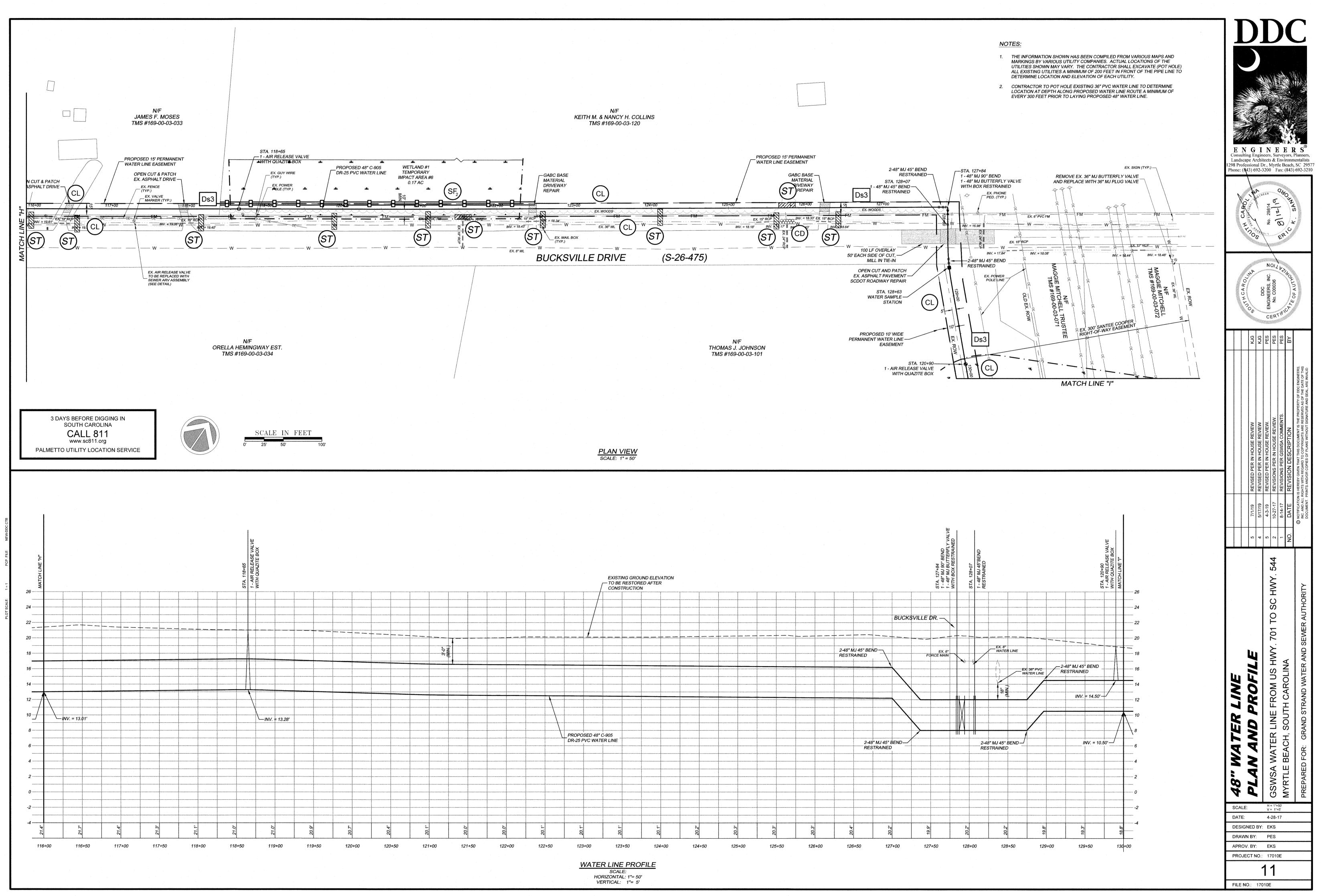
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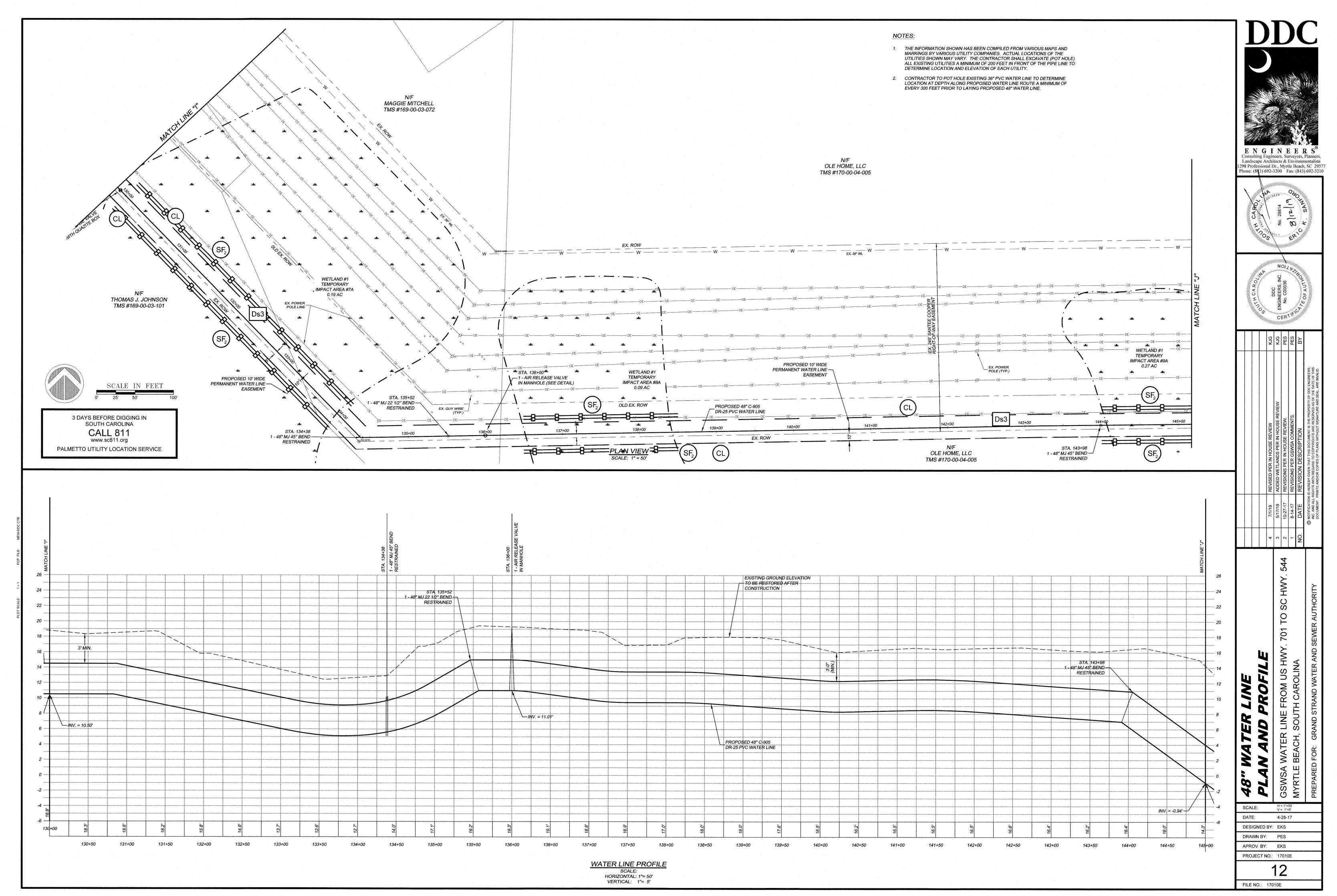
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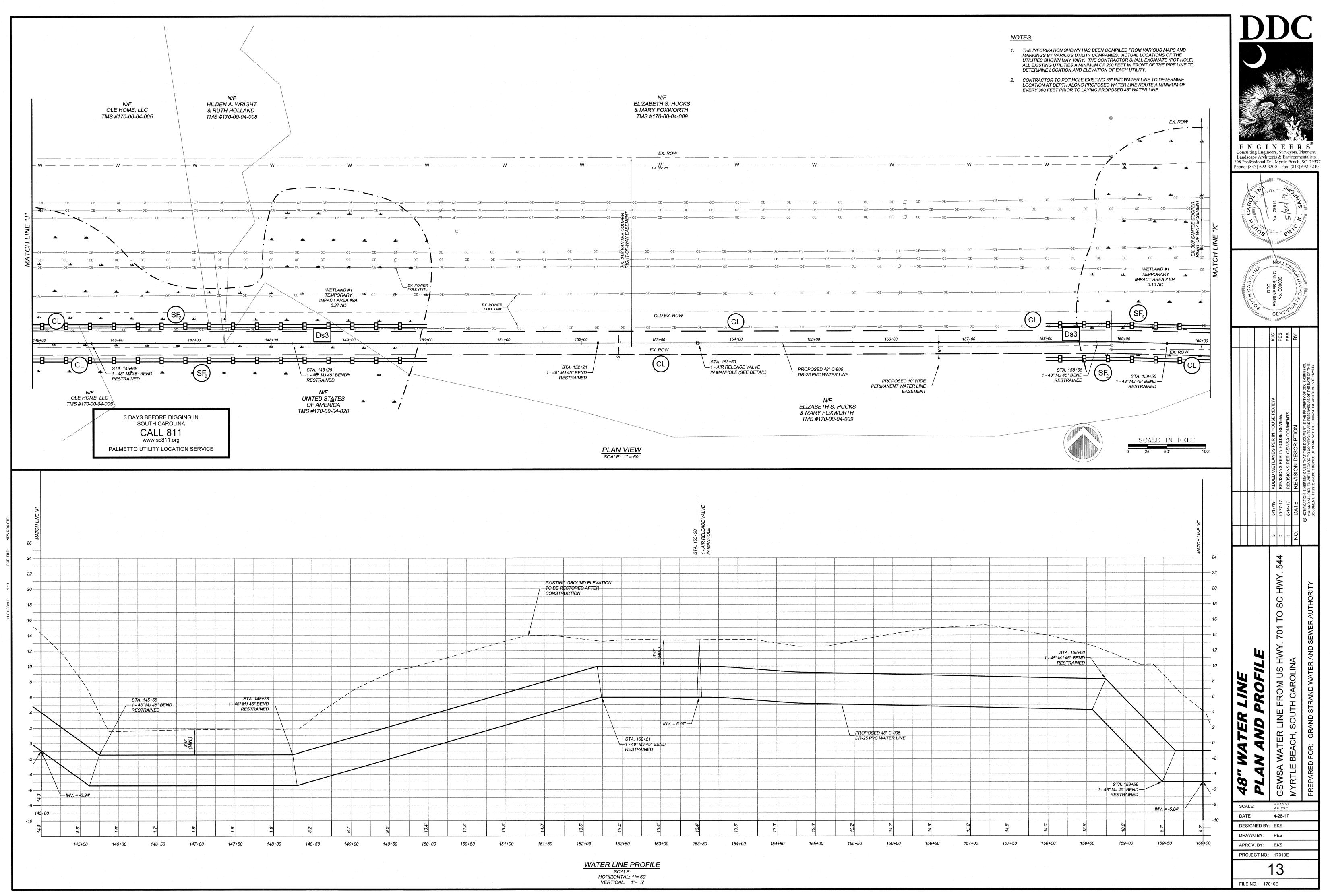


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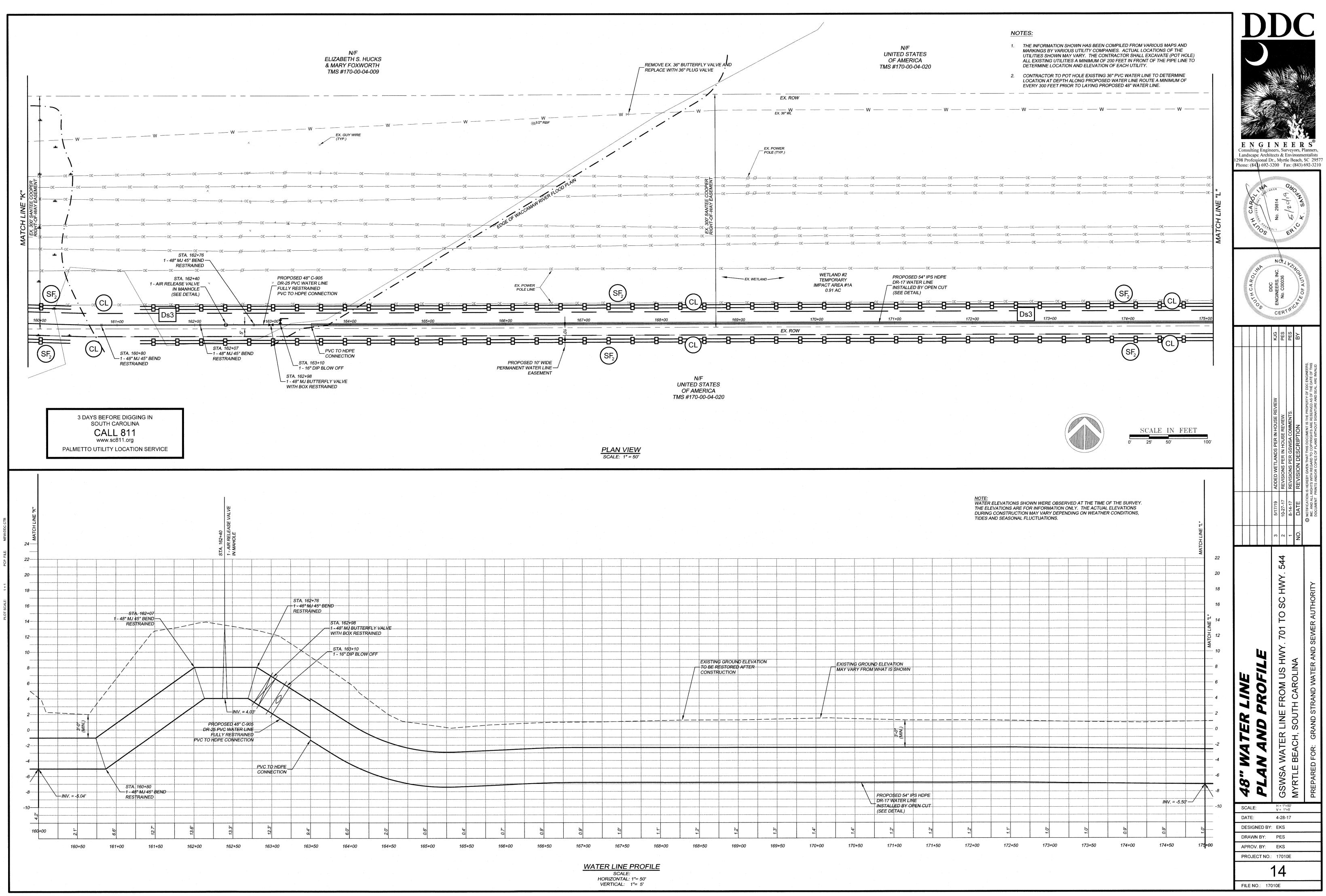
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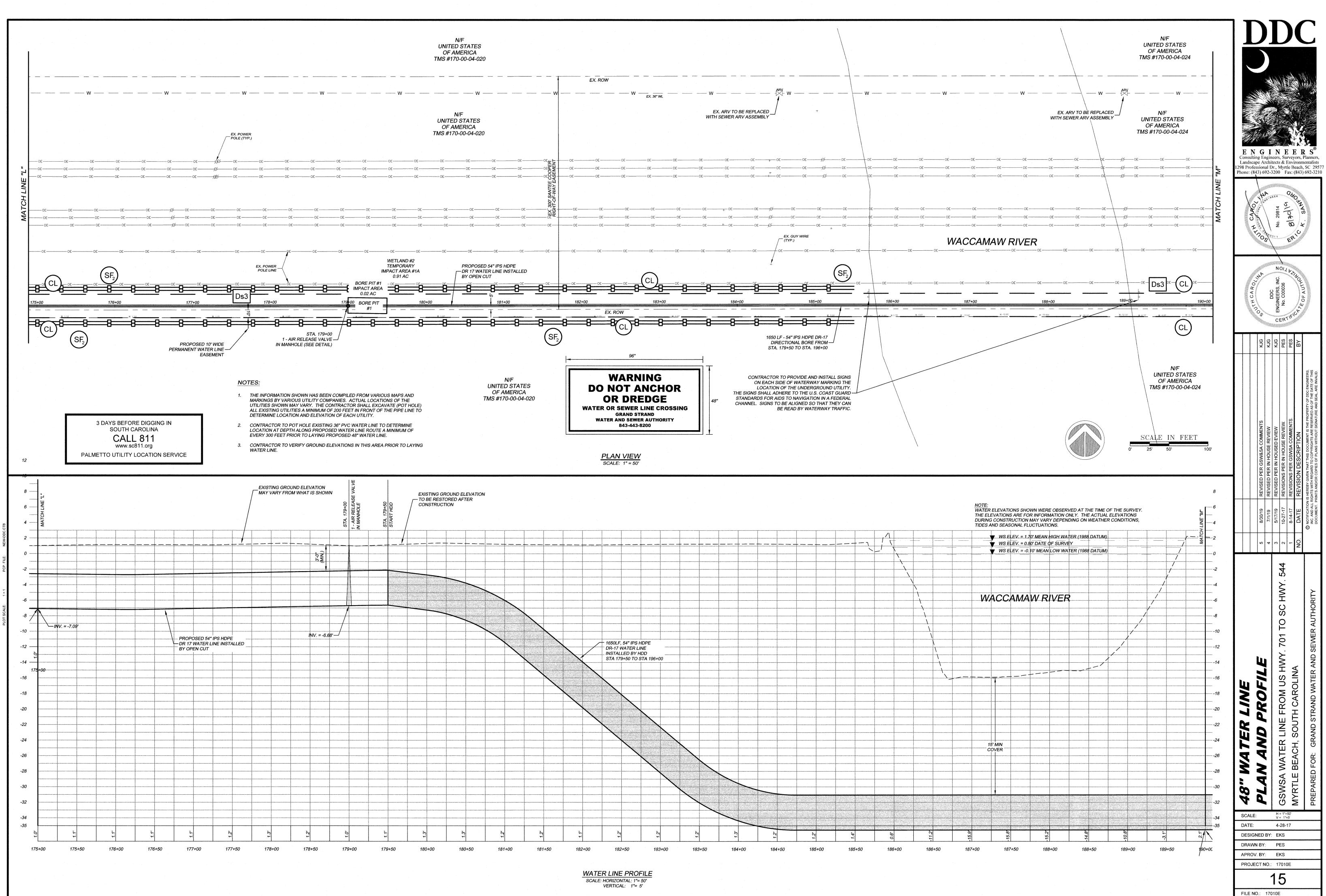


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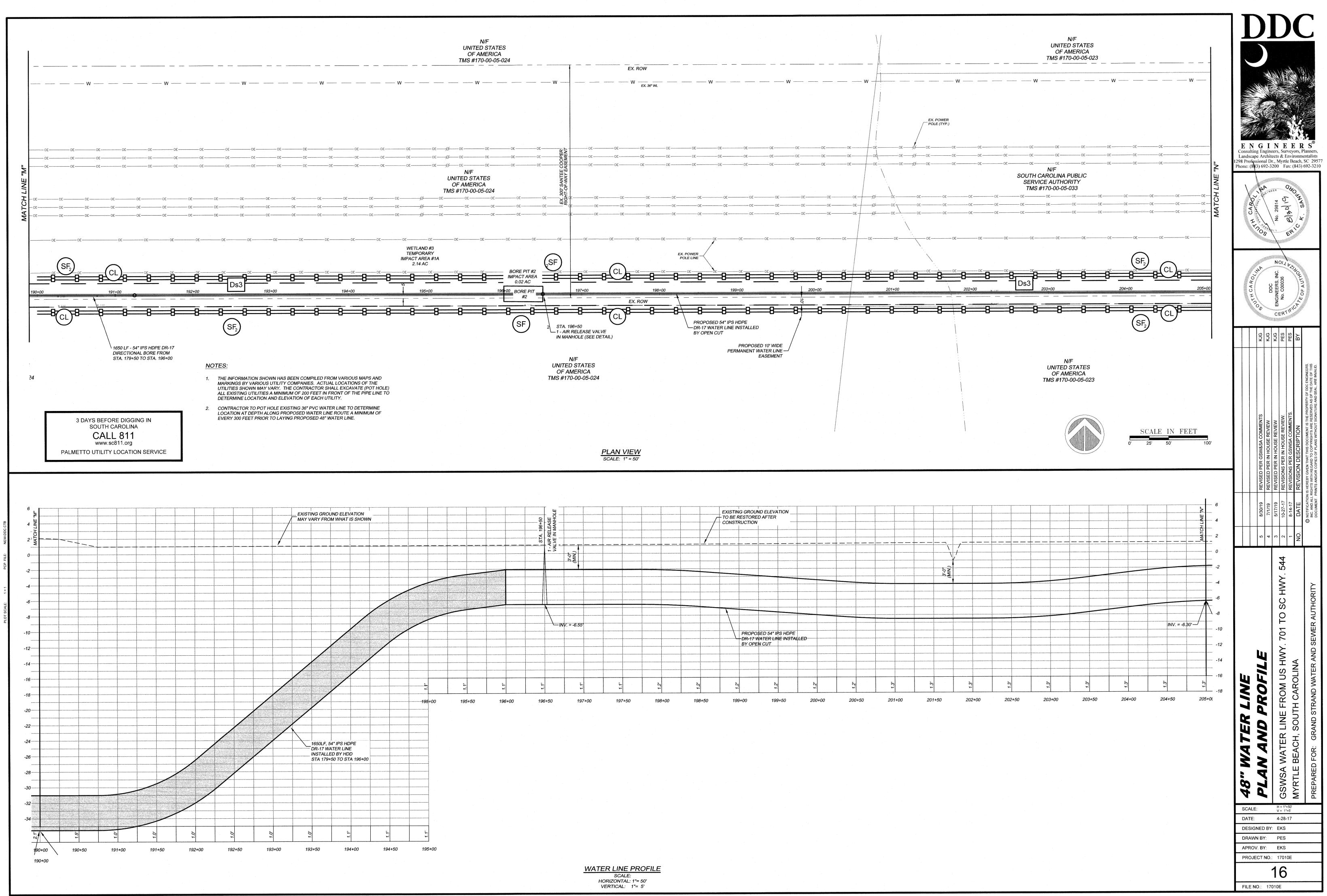
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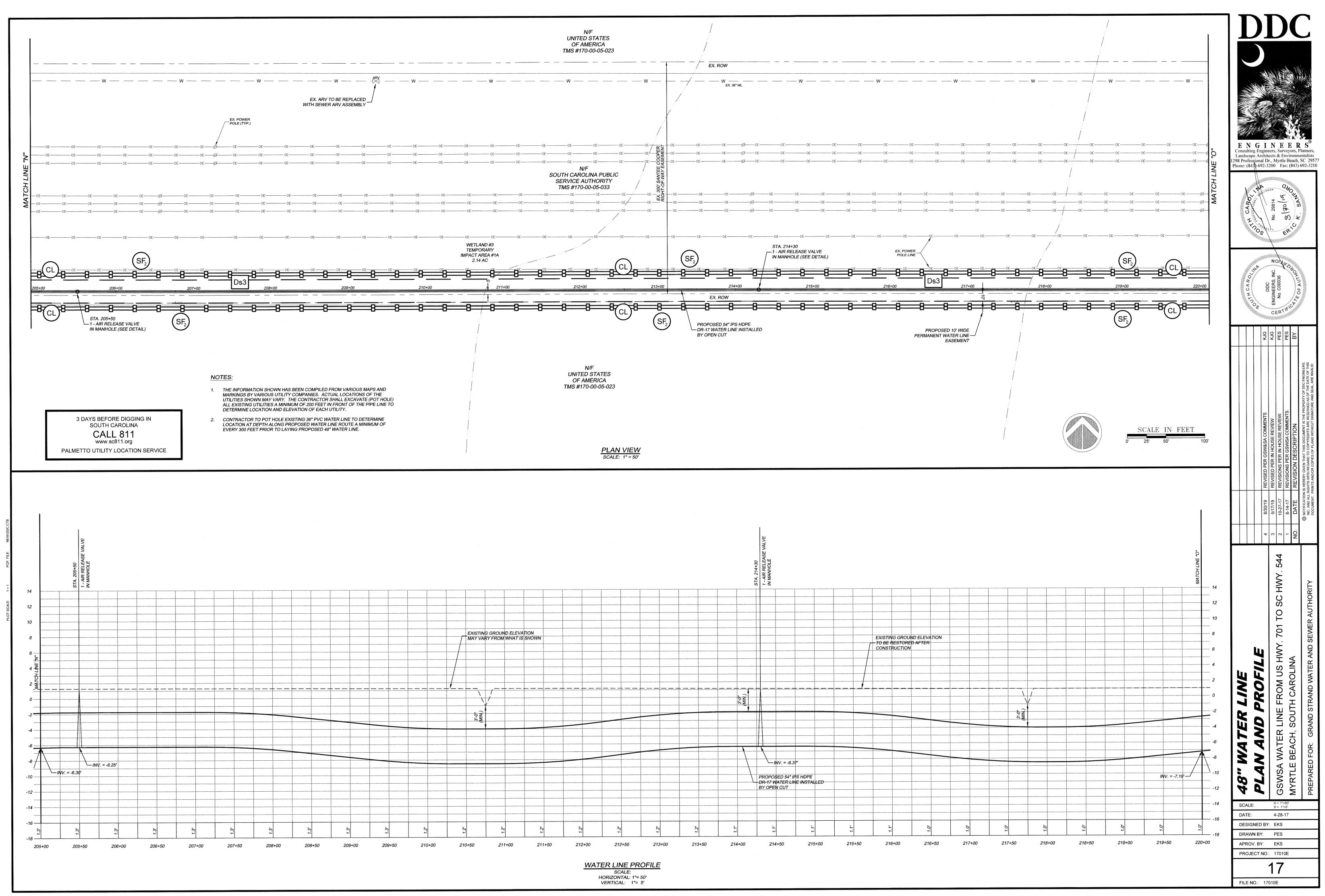
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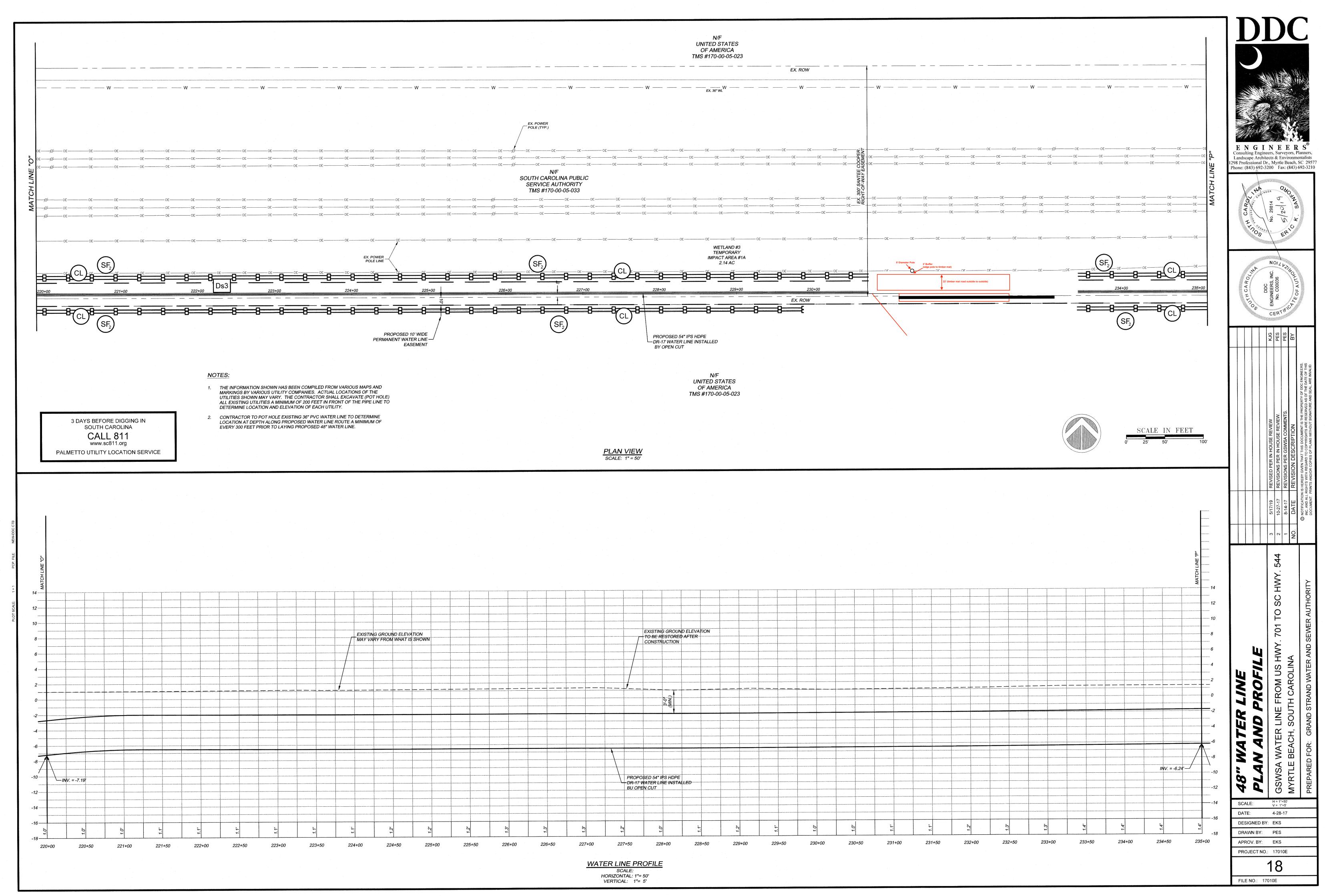
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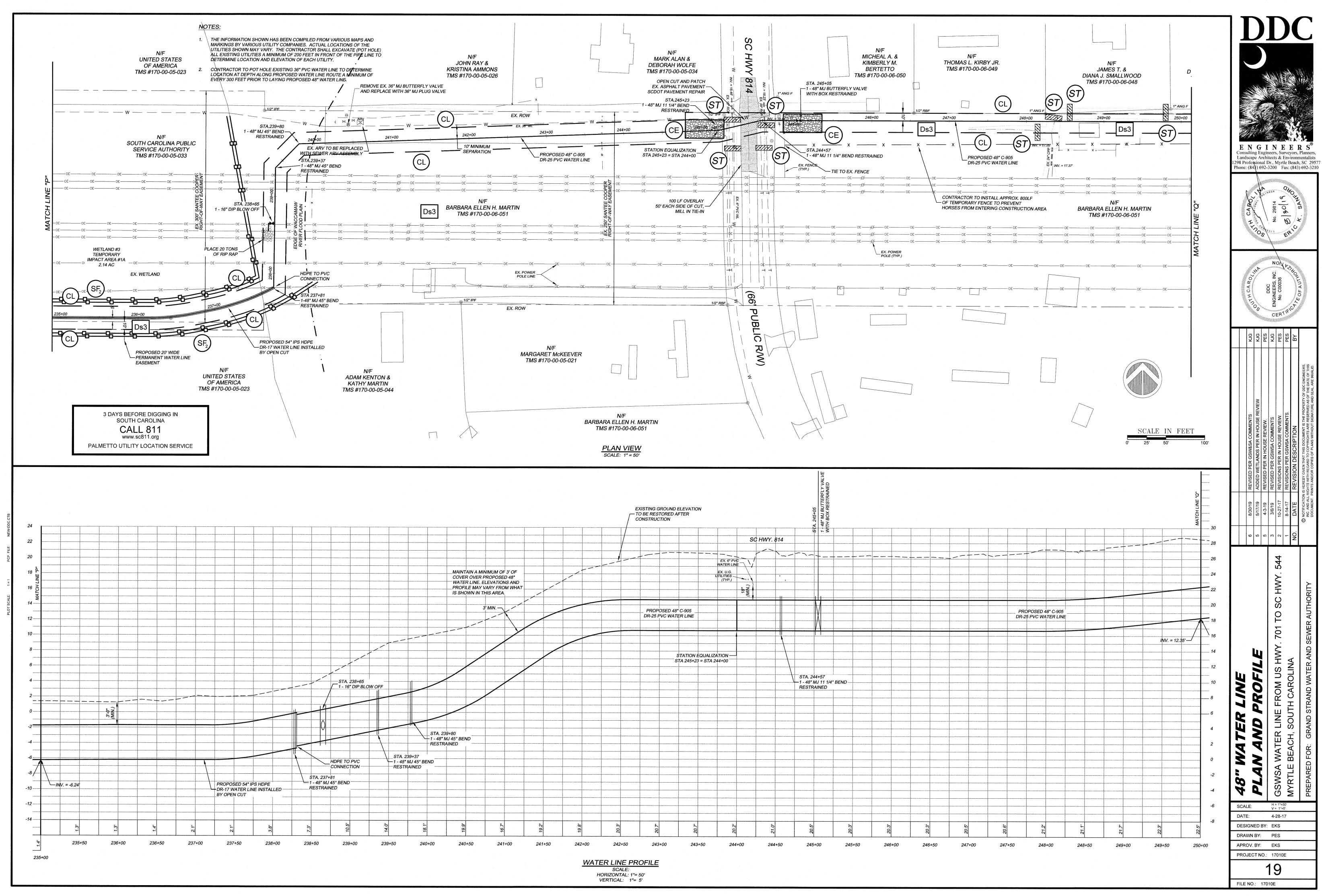
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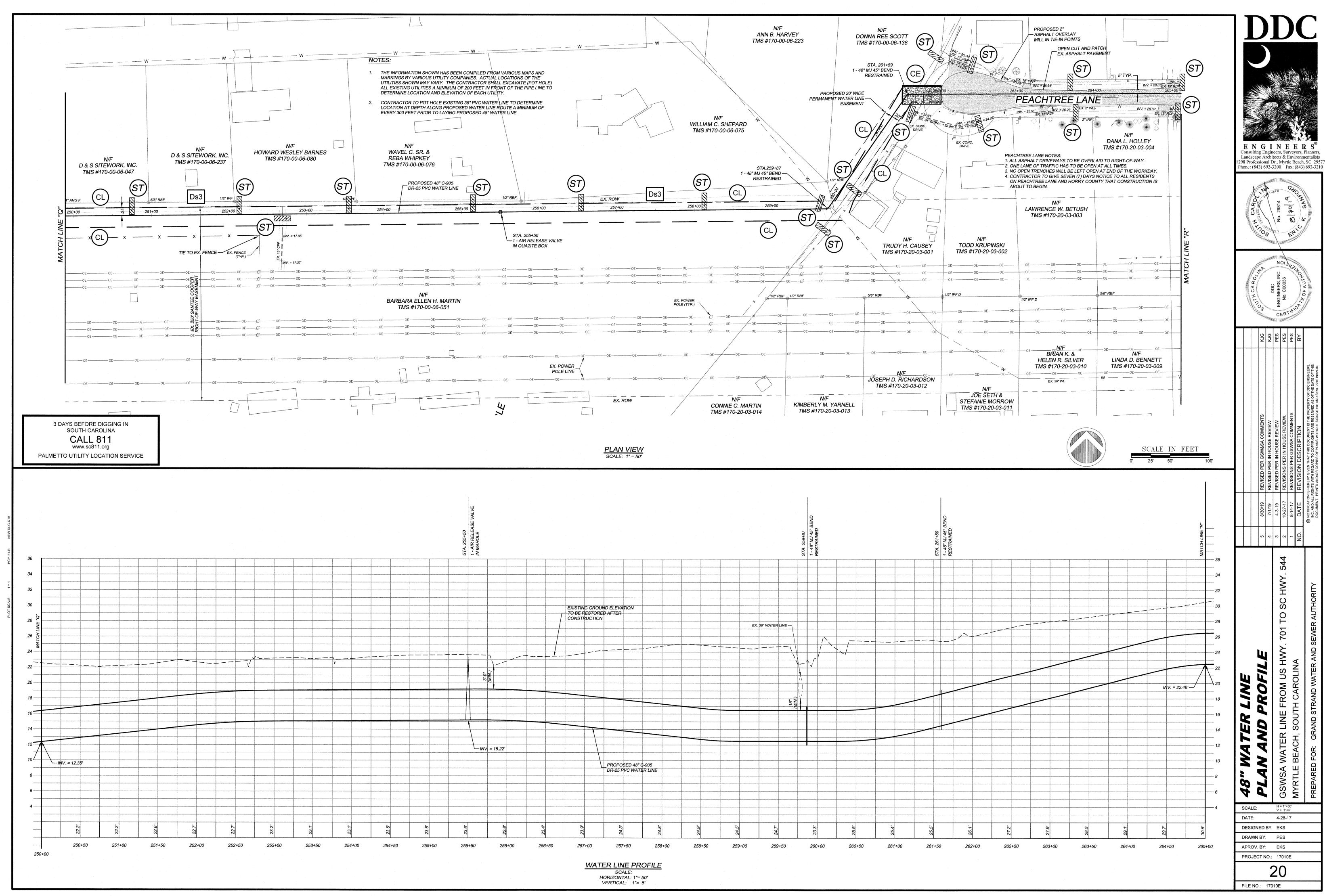
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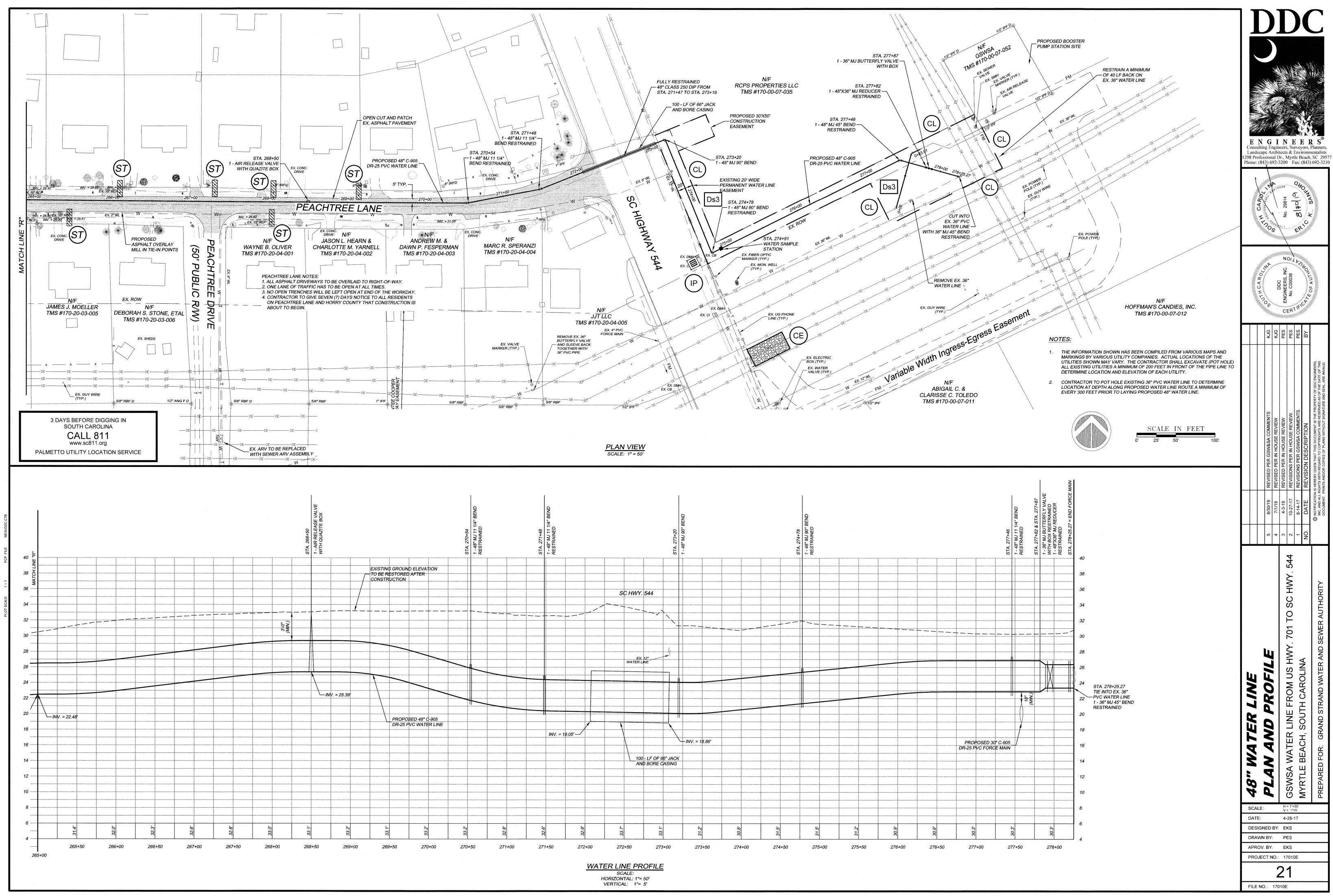
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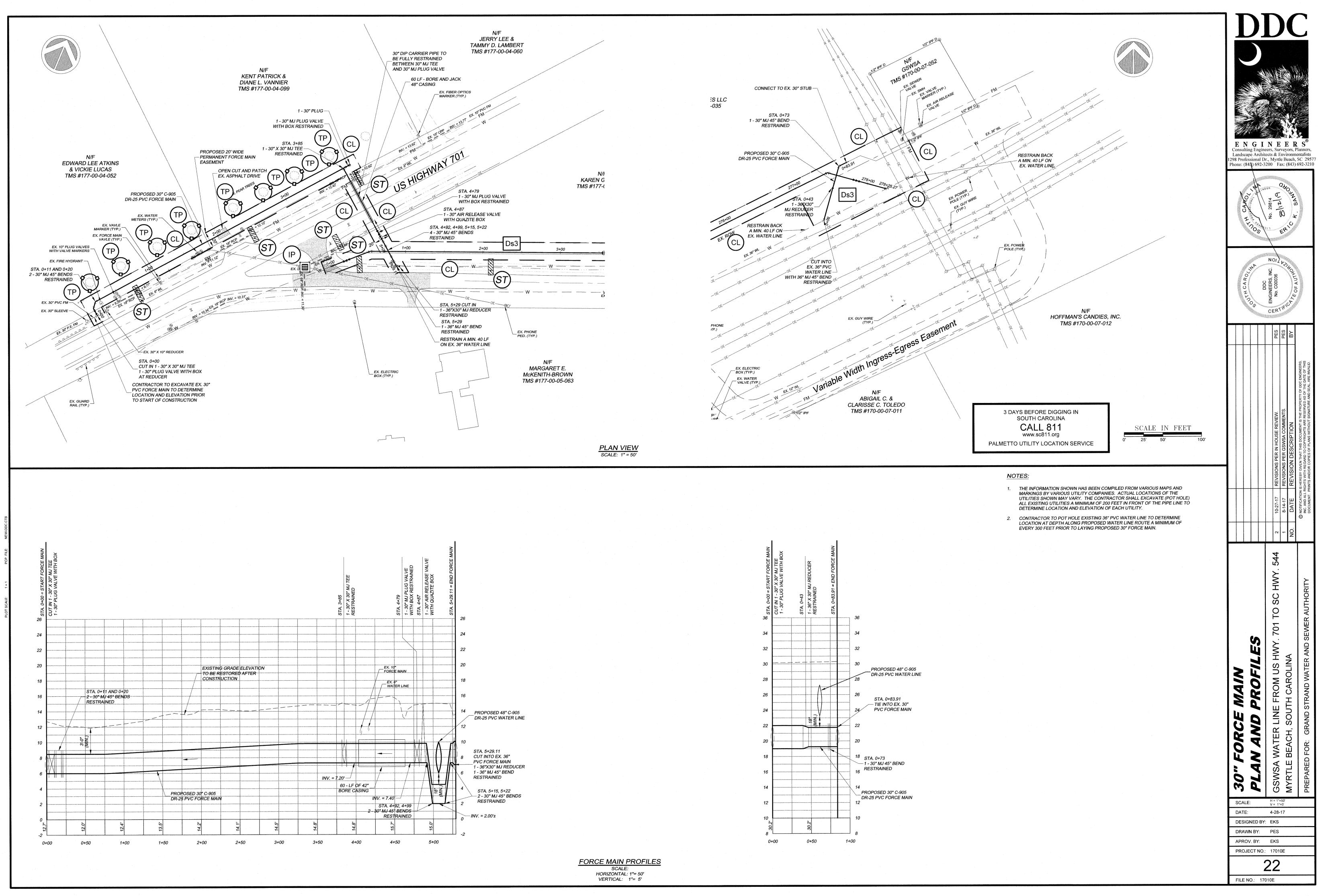
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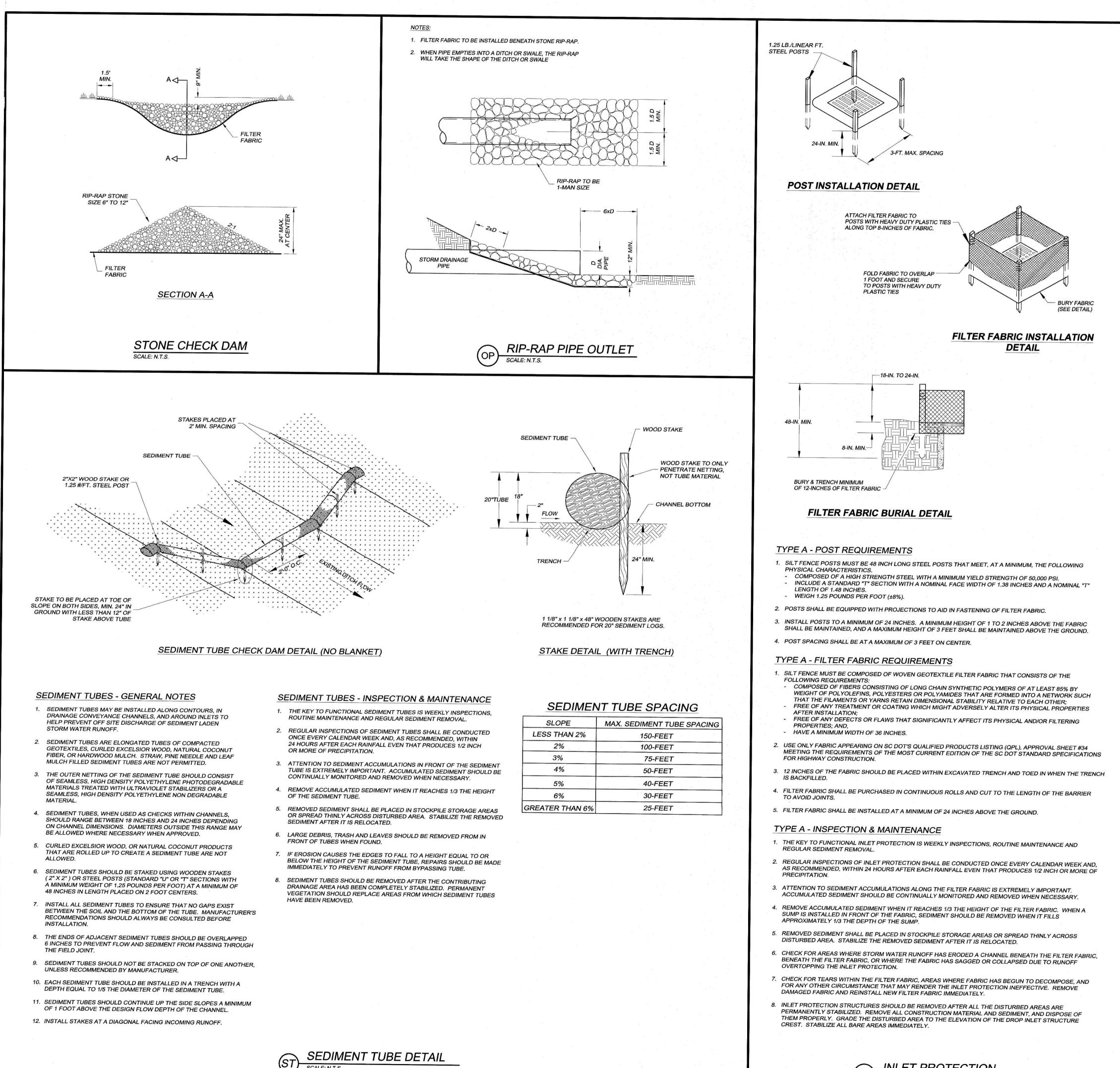
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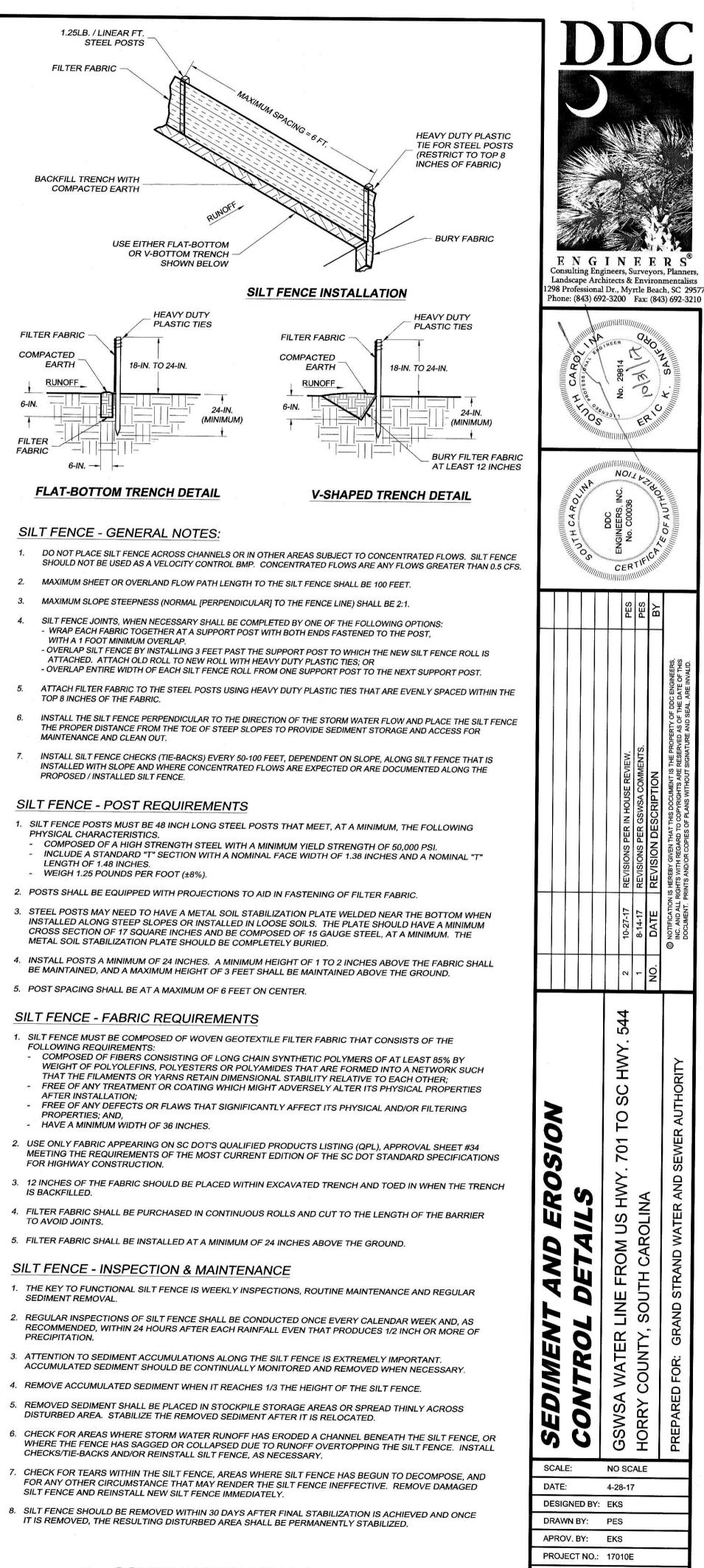
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INLET PROTECTION SCALE: N.T.S.



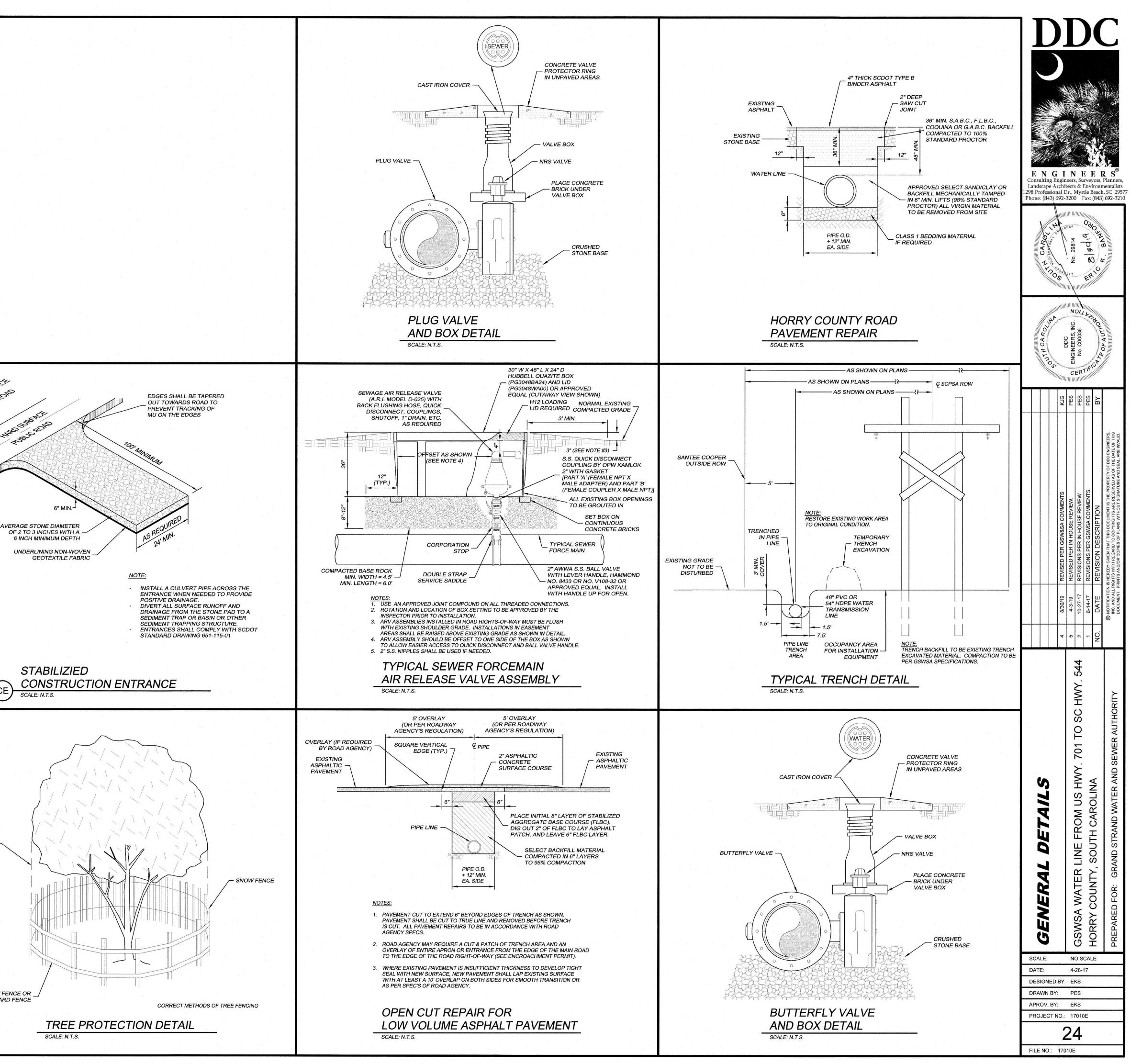
CONSTRUCTION OF A SILT FENCE

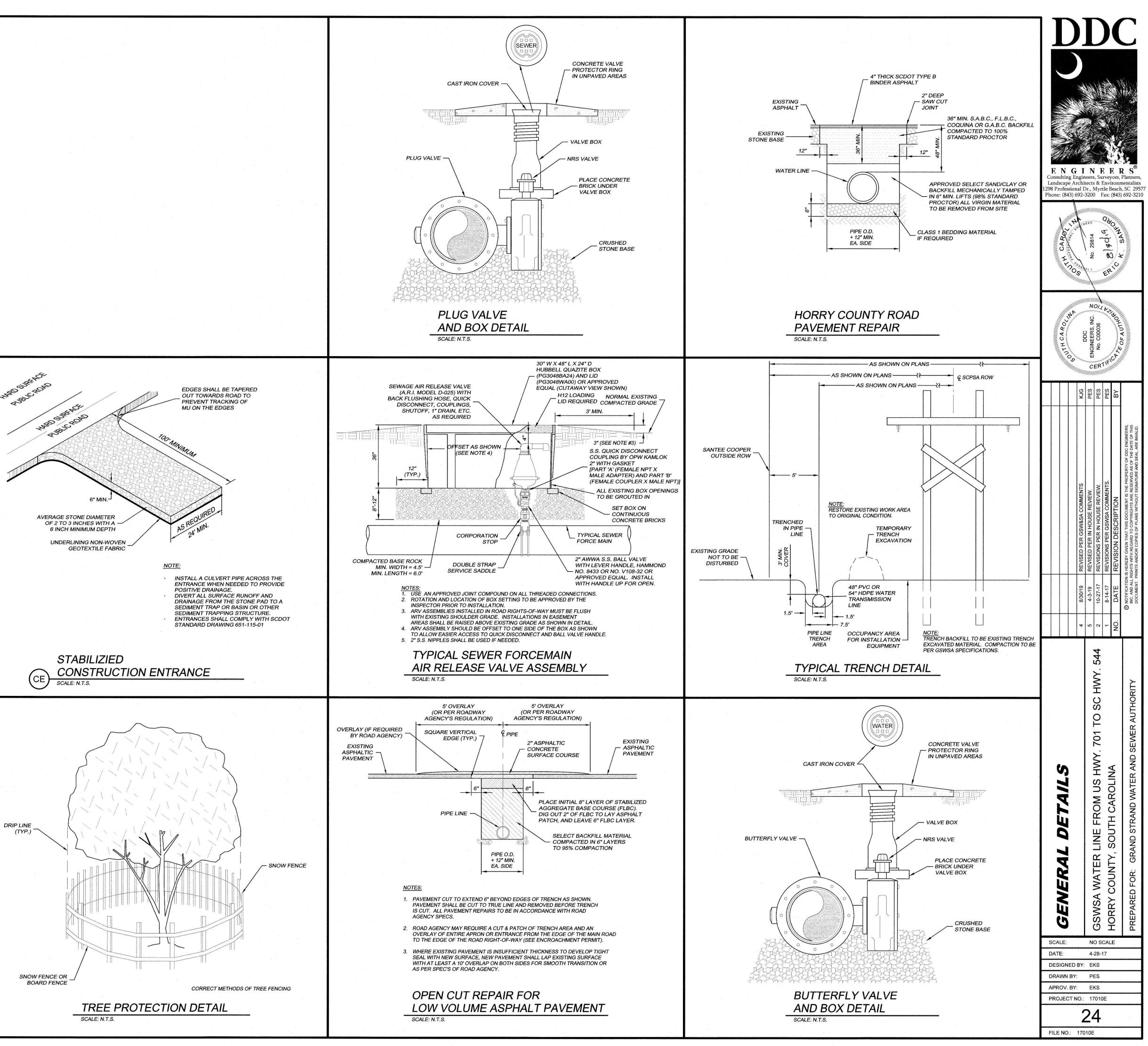
FILE NO .: 17010E

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OSION CONTROL NOTES:
TOTAL DEVELOPMENT AREA : 13.1 ± ACRES
DISTURBED AREA THIS PHASE: 13.1 ± ACRES
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.
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:
- WHERE STABILIZATION BY THE 14TH DAY IS PRECLUDED BY SNOW COVER OR FROZEN GROUND CONDITIONS STABILIZATION MEASURES MUST BE INITIATED AS SOON AS PRACTICABLE.
- WHERE CONSTRUCTION ACTIVITY ON A PORTION OF THE SITE IS TEMPORARILY CEASED, AND EARTH-DISTURBING ACTIVITIES WILL BE RESUMED WITHIN 14 DAYS, TEMPORARY STABILIZATION MEASURES DO NOT HAVE TO BE INITIATED ON THAT PORTION OF THE SITE.
ALL SEDIMENT AND EROSION CONTROL DEVICES SHALL BE INSPECTED EVERY CALENDAR WEEK. IF PERIODIC INSPECTION OR OTHER INFORMATION INDICATES THAT A BMP HAS BEEN INAPPROPRIATELY OR INCORRECTLY INSTALLED, THE PERMITTEE MUST ADDRESS THE NECESSARY REPLACEMENT OR MODIFICATION REQUIRED TO CORRECT THE BMP WITHIN 48 HOURS OF IDENTIFICATION.
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 ANY SEDIMENTS BEFORE BEING PUMPED BACK INTO ANY WATERS OF THE STATE.
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 OFF SITE SEDIMENTATION. ALL TEMPORARY CONTROL DEVICES SHALL BE REMOVED ONCE CONSTRUCTION IS COMPLETE AND THE SITE IS STABILIZED.
THE CONTRACTOR MUST TAKE NECESSARY ACTION TO MINIMIZE THE TRACKING OF MUD ONTO PAVED ROADWAYS FROM CONSTRUCTION AREAS AND THE GENERATION OF DUST. THE CONTRACTOR SHALL DAILY REMOVE MUD/SOIL FROM PAVEMENT, AS MAY BE REQUIRED.
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 SCR 100000.
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.
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 CANNOT 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.
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.
A COPY OF THE SWPPP, INSPECTION 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.
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.
MINIMIZE SOIL COMPACTION AND, UNLESS INFEASIBLE, PRESERVE TOPSOIL.
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.
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.).
THE FOLLOWING DISCHARGES FROM SITES ARE PROHIBITED:
 WASTEWATER FROM WASHOUT OF CONCRETE, UNLESS MANAGED BY AN APPROPRIATE CONTROL; WASTEWATER FROM WASHOUT AND CLEANOUT OF STUCCO, PAINT, FORM RELEASE OILS CURING COMPOUNDS AND OTHER CONSTRUCTION MATERIALS; FUELS, OILS, OR OTHER POLLUTANTS USED IN VEHICLE AND EQUIPMENT OPERATION AND MAINTENANCE; AND SOAPS OR SOLVENTS USED IN VEHICLE AND EQUIPMENT WASHING.
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.
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.
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.
THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL SILT BARRIERS AND SEDIMENT CONTROL INSTALLATIONS DURING CONSTRUCTION UNTIL THE COMPLETION OF THE SITE DEVELOPMENT.
EROSION CONTROL DEVICES MUST BE INSTALLED IMMEDIATELY AFTER LAND DISTURBANCE OCCURS. THE LOCATION OF SOME OF THE CONTROL DEVICES MAY BE ALTERED FROM THAT SHOWN ON THE APPROVED PLANS, IF DRAINAGE PATTERNS DURING CONSTRUCTION VARY FROM THE FINAL DRAINAGE PATTERNS. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO PROVIDE SOIL EROSION CONTROL FOR ALL DRAINAGE PATTERNS DURING ALL STAGES OF CONSTRUCTION. ALL INADEQUACIES IN SOIL EROSION CONTROL DURING ANY PHASE OF CONSTRUCTION MUST BE REPORTED IMMEDIATELY TO THE ENGINEER.
THE CONTRACTOR SHALL MAINTAIN ALL EROSION CONTROL MEASURES UNTIL PERMANENT VEGETATION HAS BEEN ESTABLISHED. THE CONTRACTOR SHALL INSPECT EROSION CONTROL MEASURES AT THE END OF EACH WORKING DAY TO ENSURE PROPER FUNCTIONING OF ALL DEVICES.
FAILURE TO INSTALL, OPERATE AND MAINTAIN ALL EROSION CONTROL MEASURES, AS SHOWN ON THE APPROVED PLANS OR AS DIRECTED BY THE ENGINEER AND/OR OCRM WILL RESULT IN ALL WORK ON THE CONSTRUCTION SITE BEING STOPPED UNTIL PROPER CORRECTIVE MEASURES HAVE BEEN MET, AS REQUIRED AND/OR DIRECTED.
ALL LAND DISTURBING ACTIVITIES REQUIRES COMPLIANCE UNDER THE NPDES GENERAL PERMIT FOR STORM WATER DISCHARGES FROM THE CONSTRUCTION ACTIVITIES (PERMIT NO. SCR100000). ANY NONCOMPLIANCE WITH THESE REGULATIONS IS A VIOLATION OF THE FEDERAL CLEAN WATER ACT AND MAY REQUIRE ENFORCEMENT ACTION BY HORRY COUNTY OR SCDHEC.
CONTRACTOR SHALL PROVIDE A WATER TIGHT ENCLOSURE FOR STORAGE OF THE OCRM CERTIFIED PLANS AND INSPECTION REPORTS. ENCLOSURE SHALL BE LOCATED IN AN AREA ACCESSIBLE TO REGULATORY PERSONNEL.
ALL STOCKPILE TO BE PROTECTED WITH SILT FENCE.
ALL CONCRETE TO BE WASHED OUT IN AN APPROVED AREA.

14 ARO CONTRACT 5381CR0A9 6" MIN.





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