

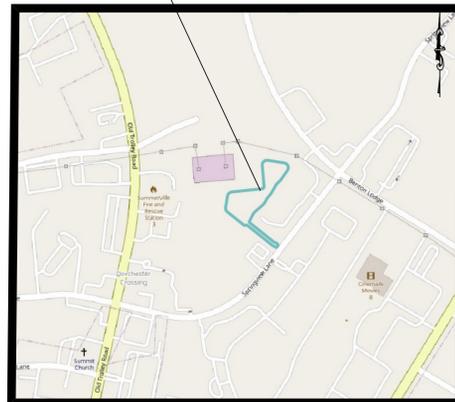
SPRINGVIEW DRIVE DETENTION POND

PREPARED FOR

TOWN OF SUMMERVILLE

200 SOUTH MAIN STREET
SUMMERVILLE, SOUTH CAROLINA 29483
PHONE: (843) 851-4226

SPRINGVIEW DETENTION
POND SITE LOCATION



VICINITY MAP
NOT TO SCALE

MAY 2021
REVISED: 6/13/2021



SHEET INDEX

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CONSTRUCTION PLANS

PREPARED BY



A Certified Disabled Service Veteran Owned Small Business
PO BOX 1177 BAMBERG, SOUTH CAROLINA 29003
PH: (803)747-4208 FAX (803)245-5720

CONSTRUCTION PLANS

ISSUE	DATE
PRELIMINARY	6/1/2021
FINAL	6/13/2021

GENERAL NOTES:

- ALL STORM DRAIN PIPE SHALL BE REINFORCED CONCRETE PIPE, TONGUE AND GROOVE CLASS III, UNLESS OTHERWISE NOTED ON PLANS. ALL DRAINAGE STRUCTURES SHALL BE IN ACCORDANCE WITH SCDOT STANDARDS, APPLICABLE GOVERNING AGENCY STANDARDS AND DETAILS INCORPORATED IN THIS PLAN.
- PIPE LENGTHS SHOWN ARE APPROXIMATE AND CENTER TO CENTER ON DRAINAGE STRUCTURES OR TO END OF PIPE. CONTRACTOR SHALL VERIFY ALL QUANTITIES PRIOR TO SUBMITTAL OF BID.
- ALL DRAINAGE STRUCTURE GRATES AND COVERS IN RIGHT-OF-WAY SHALL BE PER SCDOT STANDARDS AND SPECIFICATIONS, LATEST EDITION, UNLESS OTHERWISE NOTED.
- ALL STORM DRAIN PIPING SHALL BE SUBJECT TO A VISUAL INSPECTION BY THE OWNER'S ENGINEER AND MUNICIPALITY PRIOR TO THE PLACEMENT OF BACKFILL. CONTRACTOR TO NOTIFY THE ENGINEER 48 HOURS IN ADVANCE TO SCHEDULE INSPECTIONS.
- THE CONTRACTOR SHALL MAINTAIN AND PROTECT FROM MUD, DIRT, DEBRIS, ETC. THE STORM DRAINAGE SYSTEM UNTIL FINAL ACCEPTANCE OF THE PROJECT. THE CONTRACTOR MAY BE REQUIRED TO RECLEAN PIPES AND INLETS FOR THESE PURPOSES.
- FOR CONSTRUCTION OF THE DROP INLET WALLS EITHER BRICK MASONRY OR CLASS 3000 CONCRETE MAY BE USED. FOR CONCRETE THE WALLS ARE TO BE 6" THICK WITH A REINFORCING STEEL AREA OF 0.20 SQ. INCH PER FT. FOR BRICK THE WALLS ARE TO BE 8" THICK.
- THE BOTTOM SLAB OF THE BOX SHALL BE A MINIMUM OF 6 IN. THICK CLASS 3000 CONCRETE WITH A REINFORCING STEEL AREA OF 0.20 SQ. INCH PER FT. WIRE MESH MAY BE USED IN LIEU OF STEEL BARS PROVIDED A MINIMUM OF 0.20 SQ. IN. PER FT. IS MET.
- MORTAR SHALL BE TYPE S OR M.
- IF DESIRED THESE ITEMS MAY BE PRECAST PRIOR TO INSTALLATION IN LIEU OF BEING CAST IN PLACE. THE USE OF PRECAST UNITS WILL NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY OF OBTAINING SATISFACTORY INSTALLATIONS. REFER TO STANDARD DRAWINGS FOR PRECAST CONCRETE DRAINAGE BOX FOR ADDITIONAL DETAILS AND SPECIFICATIONS.
- REINFORCING STEEL SHALL BE DEFORMED AND SHALL CONFORM TO AASHTO M 31, GRADE 60. WIRE MESH SHALL CONFORM TO AASHTO M 55 AND M 221.
- IF STRUCTURE DEPTH EXCEEDS 4'-6", METAL STEPS ARE TO BE PLACED ON WALL. REFER TO STEP STANDARD DRAWING 719-16.
- CASTING SHALL CONFORM TO AASHTO M 105, CLASS 35B AND THE ALTERNATE LOAD TEST OF AASHTO M 306. CASTINGS SHALL ALSO MEET THE LOADING REQUIREMENTS OF FEDERAL SPECIFICATION RR-F-621 (LATEST EDITION).
- THE LONGEST DIMENSIONS OF THE OPENING IN THE IRON GRATE SHOULD BE ORIENTED IN THE DIRECTION OF FLOW IF PRACTICAL.
- AS SHOWN BY THIS DRAWING THE FRAME IS SET LEVEL, BUT THE ENGINEER MAY SET SAME ON SLOPE AS REQUIRED BY LOCAL DRAINAGE CONDITIONS.
- AFTER THE FRAME IS SET IN ITS FINAL POSITION, IT IS TO BE ENCASED WITH CONCRETE AS SHOWN BY DRAWING.
- THE INSIDE OF THE OUTLET PIPE SHALL BE FLUSH WITH FLOOR OF BASIN, UNLESS OTHERWISE SHOWN ON PLANS (SUMP).
- THE CONTRACTOR IS RESPONSIBLE FOR BEDDING ALL PIPE PER SCDOT'S "THE 2007 STANDARD SPECIFICATION FOR HIGHWAY CONSTRUCTION" LATEST EDITION.
- SHOULD THE CONTRACTOR ENCOUNTER UNSUITABLE MATERIAL, THEN THE CONTRACTOR WILL ENGAGE AN INDEPENDENT GEOTECHNICAL ENGINEER TO VERIFY UNSUITABLE MATERIAL AND MAKE RECOMMENDATIONS ON THE REMOVAL AND THE PLACEMENT AND TYPE OF NEW BEDDING AND BACKFILL MATERIAL. THE RECOMMENDATIONS BY THE INDEPENDENT GEOTECHNICAL ENGINEER SHALL BE SUBMITTED TO THE OWNER AND CIVIL ENGINEER FOR CONCURRENCE PRIOR TO PROCEEDING WITH WORK.
- TOPOGRAPHY AND BOUNDARY INFORMATION BASED ON TOPOGRAPHIC SURVEY OF PROJECT AREA BY EDISTO ENGINEERS & SURVEYORS, INC. DATED NOVEMBER 10, 2020. EXISTING UTILITIES SHOWN ARE BASED ON INFORMATION PROVIDED TO THE ENGINEER, AND ARE FOR INFORMATION PURPOSES ONLY. UTILITIES SHOWN HERON ARE NOT WARRANTED TO BE EXACTLY AS SHOWN OR SHOWN IN THEIR ENTIRETY. CONTRACTOR IS SOLELY RESPONSIBLE FOR FIELD LOCATING AND VERIFYING ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION. CONTRACTOR IS RESPONSIBLE FOR ANY EXISTING UTILITIES DAMAGED DURING CONSTRUCTION OF THIS PROJECT.
- ALL BEARINGS AND COORDINATES SHOWN HEREON ARE BASED ON THE CURRENT SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM 1983. DISTANCES SHOWN HEREON ARE HORIZONTAL (GROUND) DISTANCES, NOT GRID DISTANCES.
- ELEVATIONS SHOWN HEREON ARE TIED TO NAVD 1988 DATUM.
- TREE SPECIES SHOWN HEREON ARE OUR OPINION ONLY AND HAVE NOT BEEN VERIFIED BY A CERTIFIED ARBORIST. PRIOR TO ANY DEVELOPMENT OR TREE REMOVAL TREE SPECIES SHALL BE VERIFIED.
- NO WETLAND AREAS SHALL BE DISTURBED AS PART OF THIS PROJECT.
- CONTRACTOR SHALL VERIFY LOCATION OF PROPERTY CORNERS AND ALL EXISTING IMPROVEMENTS PRIOR TO CONSTRUCTION. IMMEDIATELY NOTIFY THE ENGINEER OF ANY DISCREPANCIES BETWEEN FIELD CONDITIONS AND INFORMATION SHOWN ON PLANS.
- NO CONSTRUCTION DEBRIS SHALL BE BURIED OR BURNED ONSITE. PROPERLY DISPOSE OF DEMOLITION DEBRIS AND WASTE MATERIAL IN ACCORDANCE WITH ALL REGULATIONS.
- COORDINATE DEMOLITION, REMOVAL, AND/OR RELOCATION OF EXISTING UTILITIES WITH THE OWNER AND APPLICABLE UTILITY PURVEYOR.
- MAINTAIN ADEQUATE COVER OVER AND PROTECT EXISTING UTILITIES DURING CONSTRUCTION
- CONTRACTOR IS SOLELY RESPONSIBLE FOR ADDITIONAL FENCING ASSOCIATED WITH SAFETY, SECURITY, AND DUST/DEBRIS CONTROL.

LEGEND

POB	POINT OF BEGINNING
POC	POINT OF COMMENCING
AB	AIR CONDITION UNIT
IV	IRRIGATION CONTROL VALVE
ET	ELECTRICAL TRANSFORMER
CO	CLEAN OUT (C.O.)
MB	MAIL BOX
HA	HANDHOLE
CB	CATCH BASIN
DI	DROP INLET
GM	GAS METER
WM	WATER METER
GV	GAS VALVE
WV	WATER VALVE
FH	FIRE HYDRANT
TE	TELEPHONE PEDESTAL
UB	UTILITY BOX
GW	GUY WIRE
LP	LIGHT POLE
PP	POWER POLE
GM	GAS MAIN
DHP	OVERHEAD POWER LINE
SS	SEWER LINE
SD	STORM DRAINAGE LINE
V	VATER LINE
NG	NATURAL GAS LINE
T	TELEPHONE LINE
USE	UNDERGROUND ELECTRICAL LINE
***	FENCE
---	EDGE OF PAVEMENT
----	ADJACENT PROPERTY LINE
- - - -	EASEMENT
●	PROPERTY CORNER
---	PROPERTY LINE
---	PROPOSED SETBACKS
---	PROPOSED ASPHALT
---	PROPOSED SIDEWALK
---	PROPOSED GRAVEL
---	EXISTING CONTOURS
○	PROPOSED CONTOURS
○	PROPOSED MANHOLE
○	PROPOSED CLEANOUT
○	PROPOSED GRAVITY SEWER
○	PROPOSED WATER LINE
○	PROPOSED SEWER EASEMENT
○	PROPOSED FINISH GRADE
○	PROPOSED INLET PROTECTION
○	PROPOSED TREE PROTECTION
X	PROPOSED TREE REMOVAL

CONSTRUCTION SEQUENCE:

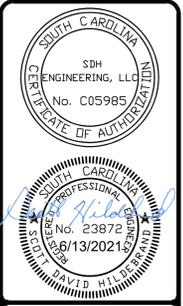
- CONTACT THE TOWN OF SUMMERVILLE 48 HOURS PRIOR TO COMMENCEMENT OF POND CONSTRUCTION.
- INSTALLATION OF CONSTRUCTION ENTRANCE.
- CLEAR OUTER CONSTRUCTION LIMITS.
- INSTALL PERIMETER EROSION CONTROL DEVICES.
- BEGIN POND GRADING AND STORM DRAINAGE CONSTRUCTION.
- INSTALL INTERNAL TEMPORARY EROSION CONTROL DEVICES AS NEEDED DURING GRADING ACTIVITIES.
- REMOVE BUILT UP SEDIMENT AS NECESSARY.
- PLACE PERMANENT VEGETATION AS GRADING IS COMPLETED.
- REMOVE INTERNAL TEMPORARY EROSION CONTROL DEVICES FOR STABILIZED AREAS.
- REMOVE PERIMETER EROSION CONTROL DEVICES.
- CONTACT THE TOWN OF SUMMERVILLE FOR FINAL INSPECTION AND CLOSEOUT.

SPECIAL NOTES:

- CONTRACTOR TO DEVELOP STORMWATER DEWATERING/DIVERSION PLAN MEETING ALL TOWN OF SUMMERVILLE AND STATE EROSION & SEDIMENT CONTROL STANDARDS AND SUBMIT TO THE TOWN OF SUMMERVILLE FOR FINAL APPROVAL PRIOR TO COMMENCEMENT OF WORK.
- CONTRACTOR TO PROVIDE 8' WOOD PRIVACY FENCE DETAILS AND STANDARDS TO TOWN OF SUMMERVILLE FOR APPROVAL PRIOR TO INSTALLATION OF FENCE SHOWN ON THE SITE PLAN.
- CONTRACTOR TO COORDINATE WITH DOMINION ENERGY TO SUPPORT (2) POWER POLES AND ADJUSTMENT OF ELECTRICAL VAULT ON SPRINGVIEW ACADEMY PARCEL PRIOR TO COMMENCEMENT OF SITE GRADING.

STANDARD SEDIMENT & EROSION CONTROL NOTES:

- 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 AT LEAST ONCE EVERY CALENDAR WEEK. IF PERIODIC INSPECTION OR OTHER INFORMATION INDICATES THAT A BMP HAS BEEN INAPPROPRIATELY OR INCORRECTLY INSTALLED, THE PERMITEE 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 OFFSITE 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 ROADWAY(S) 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 SCR100000.
- 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 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.
- 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, INSPECTIONS RECORDS, AND RAINFALL DATA MUST BE RETAINED AT THE CONSTRUCTION SITE OR 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 FEASIBLE, 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 BMP'S (SEDIMENT BASIN, FILTER BAG, ETC.).
- THE FOLLOWING DISCHARGES FROM THE SITE 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 BMP'S NEED TO BE MODIFIED OR IF ADDITIONAL BMP'S ARE NECESSARY TO COMPLY WITH THE REQUIREMENTS OF THIS PERMIT AND/OR SCS' WATER QUALITY STANDARDS, IMPLEMENTATION MUST BE COMPLETED BEFORE THE NEXT STORM EVENT OR WHENEVER PRACTICABLE. IF IMPLEMENTATION BEFORE THE NEXT STORM EVENT IS IMPRACTICABLE, THE SITUATION MUST BE DOCUMENTED IN THE SWPPP AND ALTERNATIVE BMP'S MUST BE IMPLEMENTED AS SOON AS REASONABLY POSSIBLE.
- A PRE-CONSTRUCTION CONFERENCE MUST BE HELD FOR EACH FOR 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.
- UNLESS SLOPES 4:1 TO 2:1 ARE TO BE PERMANENTLY STABILIZED WITH LANDSCAPING IMPROVEMENTS, SEED SLOPES AND INSTALL EAST COAST (ECS-2) EROSION CONTROL BLANKET ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
- ALL WORK WITHIN SCDOT RIGHT-OF-WAY SHALL BE IN ACCORDANCE WITH THE APPROVED SCDOT ENCROACHMENT PERMIT.
- NECESSARY WORK ASSOCIATED WITH INSTALLATION AND MAINTENANCE OF SILT FENCE THAT IS WITHIN 10' OF WETLANDS SHOULD BE PERFORMED BY HAND. MECHANIZED WORK WITHIN 10' OF WETLANDS IS PROHIBITED.



MISCELLANEOUS CONSTRUCTION NOTES
 SPRINGVIEW DRIVE DETENTION POND
 PREPARED FOR
 TOWN OF SUMMERVILLE
 200 S. MAIN STREET, SUMMERVILLE, SOUTH CAROLINA

DRAWN	S.D.H.
CHECKED	S.D.H.
DATE	5/30/2021
SCALE	N.T.S.
JOB NO.	
SHEET	2
OF	8 SHEETS

CONSTRUCTION PLANS

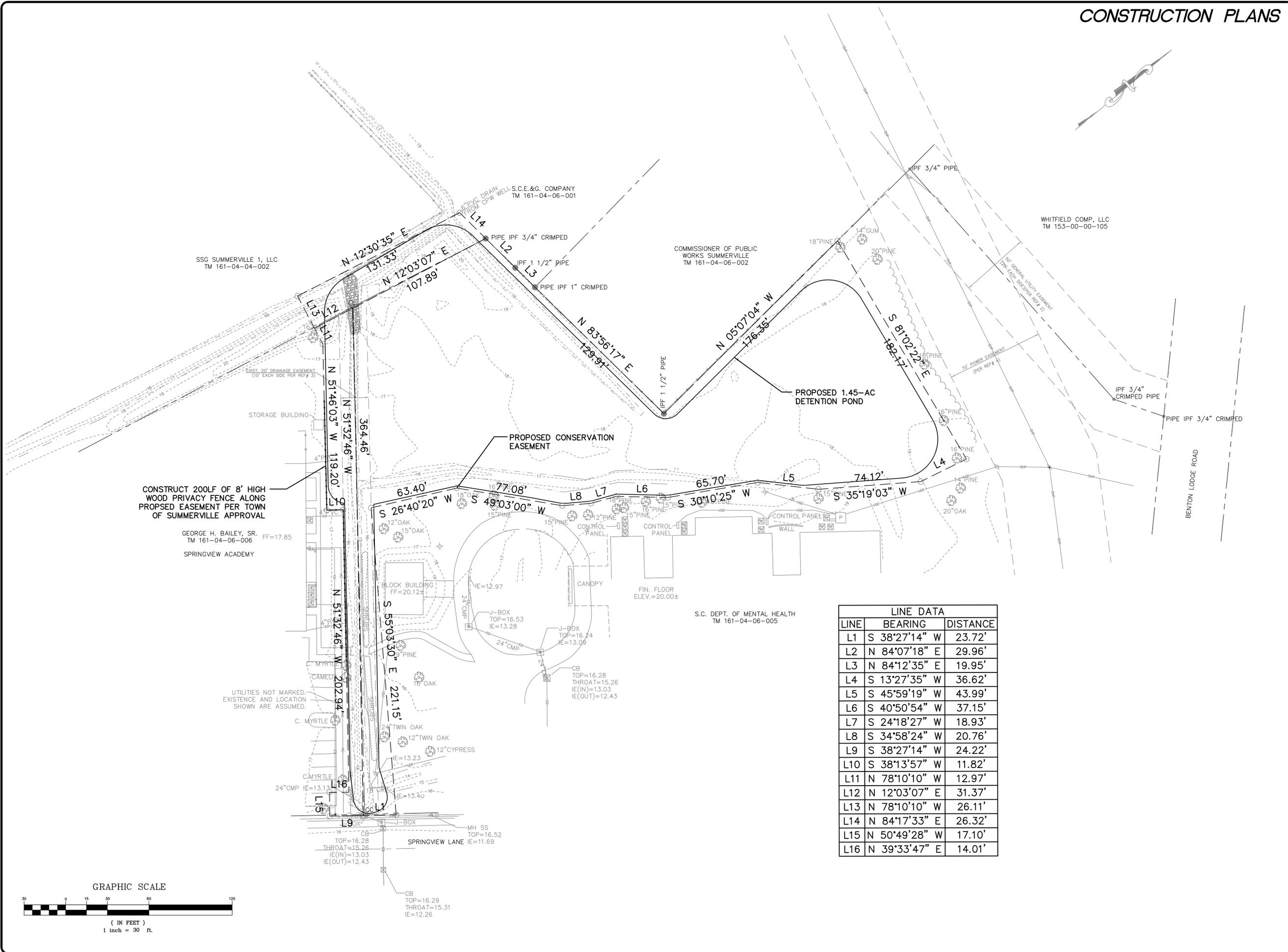
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SOUTH CAROLINA
 PROFESSIONAL ENGINEER
 License No. 23872
 State of South Carolina
 6/13/2021
 DAVID HILL

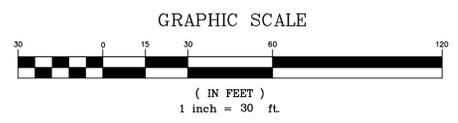
SDH ENGINEERING, LLC
 A Certified Disabled Services Veterans Owned Small Business
 BARBERS: S: 72003
 PH: (803) 747-4008

SITE PLAN
 SPRINGVIEW DRIVE DETENTION POND
 PREPARED FOR
 TOWN OF SUMMERVILLE
 200 S. MAIN STREET SUMMERVILLE, SOUTH CAROLINA

DRAWN	S.D.H.
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JOB NO.	
SHEET	3
OF	8 SHEETS



LINE	BEARING	DISTANCE
L1	S 38°27'14" W	23.72'
L2	N 84°07'18" E	29.96'
L3	N 84°12'35" E	19.95'
L4	S 13°27'35" W	36.62'
L5	S 45°59'19" W	43.99'
L6	S 40°50'54" W	37.15'
L7	S 24°18'27" W	18.93'
L8	S 34°58'24" W	20.76'
L9	S 38°27'14" W	24.22'
L10	S 38°13'57" W	11.82'
L11	N 78°10'10" W	12.97'
L12	N 12°03'07" E	31.37'
L13	N 78°10'10" W	26.11'
L14	N 84°17'33" E	26.32'
L15	N 50°49'28" W	17.10'
L16	N 39°33'47" E	14.01'



CONSTRUCTION PLANS

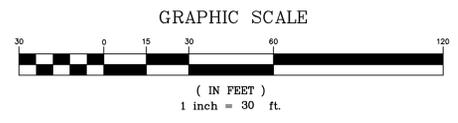
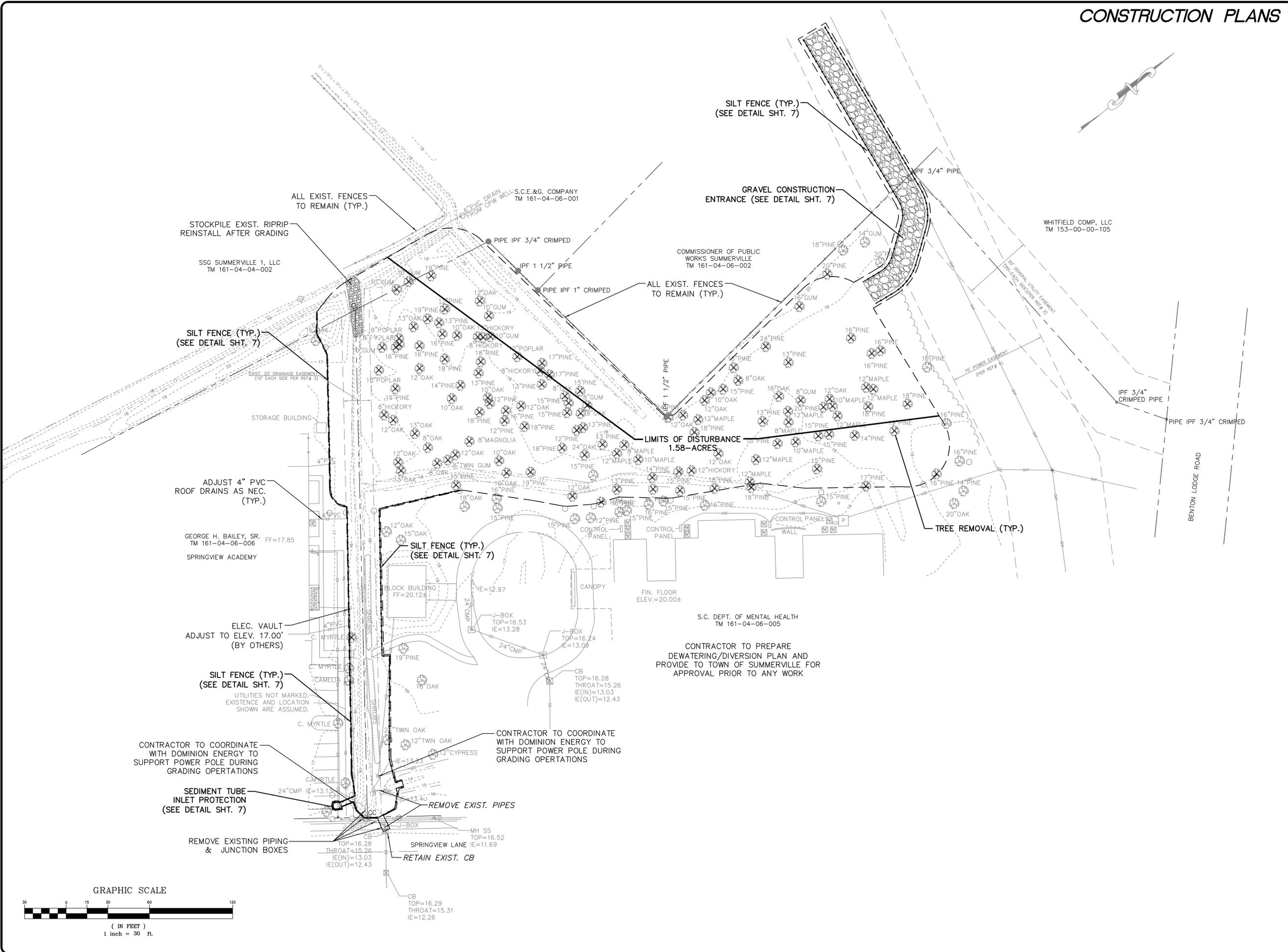
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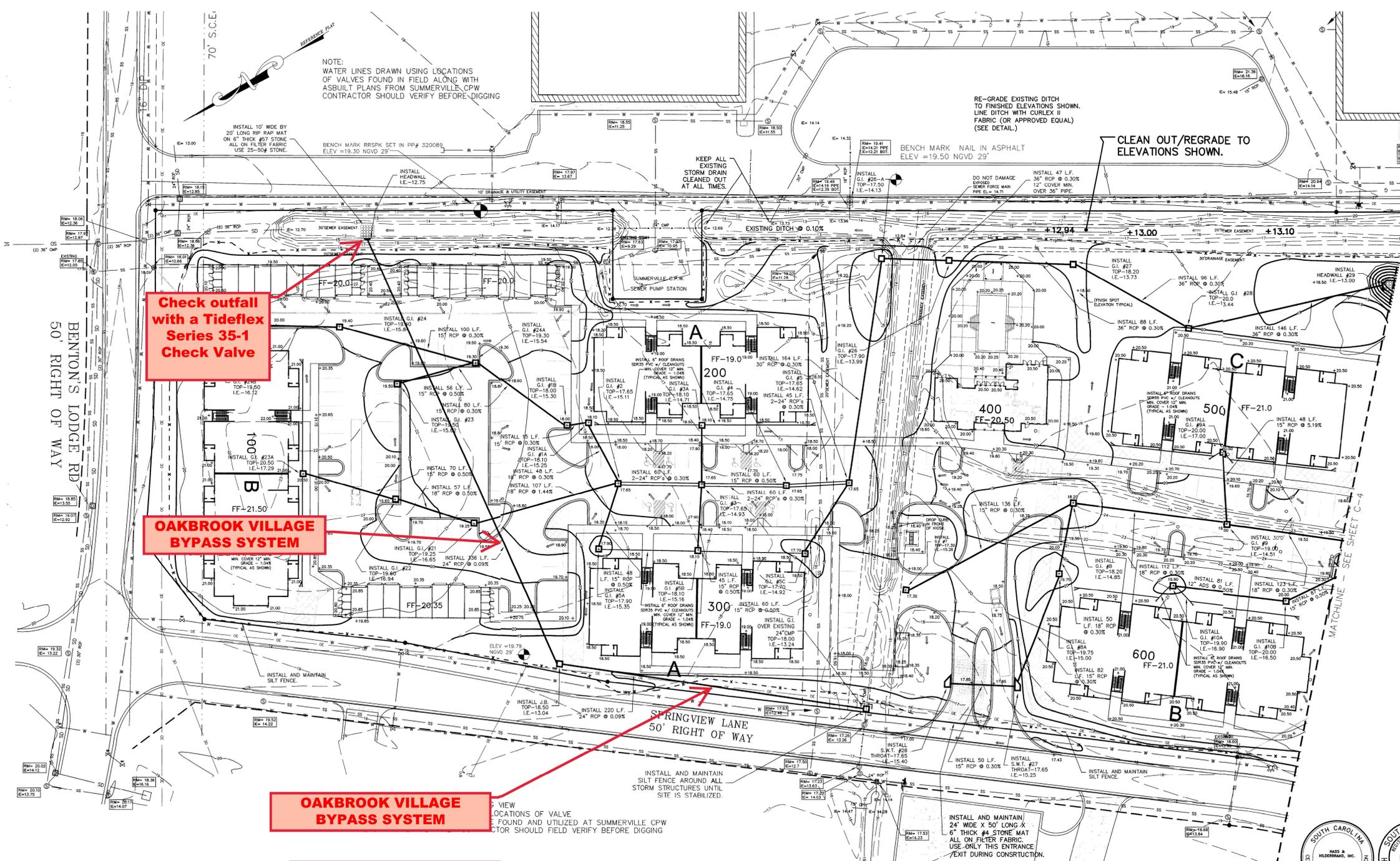
SDHO
ENGINEERING, LLC
 A Certified Disabled Services Veterans Owned Small Business
 BARBER: SC 72003
 PH: (803) 747-4008

**DEMOLITION AND EROSION
 AND SEDIMENT CONTROL PLAN
 SPRINGVIEW DIVE DETENTION POND
 PREPARED FOR
 TOWN OF SUMMERVILLE
 200 S. MAIN STREET SUMMERVILLE, SOUTH CAROLINA**

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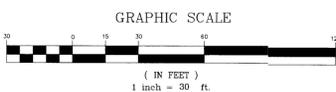
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NOTE: GAS LINES DRAWN USING LOCATIONS OF SIGNS FOUND IN FIELD AND ARE APPROXIMATE IN LOCATION. CONTRACTOR SHOULD VERIFY BEFORE DIGGING

NOTE: ALL ELEVATIONS THIS PLAN ARE NAVD29

SITE IS COMPOSED OF MOUJON - 75% D & YEMASSE - 25% C SOILS.



(THIS SHEET ONLY) REV. 10-1-04
REV. 8-5-04
REV. 7-7-04
MAY 14, 2004

BENTON'S LODGE RD
50' RIGHT OF WAY

SPRINGVIEW LANE
50' RIGHT OF WAY

Check outfall with a Tideflex Series 35-1 Check Valve

OAKBROOK VILLAGE BYPASS SYSTEM

OAKBROOK VILLAGE BYPASS SYSTEM

SPRINGVIEW ACADEMY

INSTALL AND MAINTAIN SILT FENCE AROUND ALL STORM STRUCTURES UNTIL SITE IS STABILIZED.

INSTALL AND MAINTAIN 24' WIDE X 50' LONG X 6" THICK #4 STONE MAT ALL ON FILTER FABRIC. USE ONLY THIS ENTRANCE/EXIT DURING CONSTRUCTION.

HASS & HILDEBRAND, Inc
POST OFFICE BOX 3276
133 GREENVILLE STREET, SW
AIKEN, S.C. 29802 (803) 649-1316

H.M. MOORMANN-ARCHITECT
BOX 5290 - AIKEN, SOUTH CAROLINA
803-648-6833

OAKBROOK VILLAGE APARTMENTS
SUMMERVILLE, SOUTH CAROLINA
GRADING & DRAINAGE PLAN - SHEET 1

PROJECT NO. 1
C-3

INSTALL RED VALVE TIDEFLEX SERIES 35 CHECK VALVE OR SIMILAR ON PIPE OUTLET HEADWALL LOCATION SHOWN IN EXHIBIT ABOVE. INSTALL PER PROJECT SPECIFICATIONS.



MISCELLANEOUS DRAINAGE EXHIBIT
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