

PROJECT SUMMARY

SCDHEC SEWER PERMIT : TBD

INFORMATION REGARDING THE PRESENCE, SIZE, CHARACTER, AND LOCATION OF ANY UNDERGROUND UTILITY AND/OR STRUCTURE SHOWN ON THIS PLAN IS APPROXIMATE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO HAVE ALL UNDERGROUND UTILITIES LOCATED.

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**30% PLANS
NOT FOR
CONSTRUCTION**

C1.0



**Know what's below.
Call before you dig.**

GENERAL LEGEND

	ANCHOR GUY WIRE (SINGLE)		UTILITY SERVICES MANHOLE
	ANCHOR GUY WIRE (MULTIPLE)		UTILITY WATER MANHOLE
	EASEMENT LINE		UTILITY WATER TANK
	ABANDONED (ORIG) PLAT LINE		UTILITY POLE
	CURRENT PARCEL LINE		11° BEND
	RIGHT-OF-WAY LINE		22° BEND
	FENCE LINE(CHAINLINK)		45° BEND
	FENCE LINE(WOOD)		90° BEND
	SILT FENCE		WATER TEE
	UNDERGROUND FIBER OPTIC LINE		WATER CROSS
	OVERHEAD ELECTRIC LINE		TAPPING SLEEVE & VALVE
	UNDERGROUND ELECTRIC LINE		WATER VALVE
	OVERHEAD STREET LIGHT LINE		PIPE THRUST BLOCK
	UNDERGROUND STREET LIGHT LINE		WATER REDUCER
	OVERHEAD TELEPHONE LINE		CURB BOX SERVICE REPLACEMENT
	UNDERGROUND TELEPHONE LINE		TYPE III HYDRANT ASSEMBLY
	UNDERGROUND UTILITY LINE		TYPE I HYDRANT ASSEMBLY
	OVERHEAD UTILITY LINE		TYPE V HYDRANT ASSEMBLY
	UNDERGROUND TRAFFIC LINE		WATER BLOW OFF
	OVERHEAD TRAFFIC LINE		CUT & PLUG
	OVERHEAD CABLE TV LINE		WATER METER
	FORCE MAIN LINE		UNKNOWN WATER SRVC CURB BOX
	GAS LINE		FIRE HYDRANT
	SANITARY SEWER LINE		WELL
	STORM SEWER LINE		CATCH BASIN
	WATER LINE		CATCH BASIN ROUND
	PRIVATE WATER LINE		STORM DRAINAGE MANHOLE
	CONSTRUCTION LIMITS		STORM SEWER INLET ROUND
	FLOW LINE		STORM SEWER INLET
	TRAFFIC MANHOLE		SANITARY CLEANOUT
	TRAFFIC PEDESTAL		SANITARY SEWER MANHOLE
	POWER POLE WITH ONE LIGHT ARM		SANITARY METER
	LIGHT POST 1 ARM 1 HEAD		SANITARY LIFT STATION
	LIGHT POST 2 ARMS 2 HEADS		CHECK VALVE
	LIGHT POST W/O ARM		SANITARY VALVE
	POWER POLE		GAS VALVE
	YARD LIGHT		NATURAL GAS MANHOLE
	ELECTRIC MANHOLE ROUND		NATURAL GAS METER
	ELECTRIC HAND HOLE		COMMUNICATIONS MANHOLE
	ELECTRICAL METER		BENCHMARK/CONTROL POINT
	ELECTRICAL JUNCTION BOX		IRON ROD
	PULL BOX		IRON PIPE
	TRANSFORMER		R/W MONUMENT
	TELEPHONE PEDESTAL		BUSH
	CABLE TV PEDESTAL		TREE STUMP
	TELEPHONE MANHOLE		EVERGREEN TREE
	SATELLITE DISH		DECIDUOUS TREE
	EARTH		AIR CONDITIONING UNIT
	GRASS		MAILBOX
	GRAVEL		SIGN
	UNDISTURBED EARTH		FLAG POLE
	RIPRAP		
	CONCRETE		
	REMOVAL		
	RESURFACING, OTHER		

GENERAL NOTES

- IF ANY ERRORS BECOME APPARENT, THESE SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER IN WRITING PRIOR TO CONSTRUCTION SO THAT CLARIFICATION OR REDESIGN MAY OCCUR.
- THE CONTRACTOR SHALL CONFINE ALL WORK WITHIN THE LIMITS SHOWN.
- CONTRACTOR IS RESPONSIBLE FOR HAVING, IN HIS POSSESSION, ALL REQUIRED PERMITS AND APPROVALS PRIOR TO START OF CONSTRUCTION. THE CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF ALL PERMITS OBTAINED FOR THE PROJECT.
- THE CONTRACTOR SHALL RESTORE GROUND SURFACE, DRAINAGE DITCHES AND EMBANKMENTS TO ORIGINAL GRADE AND VEGETATION ACCORDING TO PROJECT SPECIFICATIONS UNLESS OTHERWISE NOTED ON PLANS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL LINES, GRADES AND ELEVATIONS. ALL PIPES SHALL SLOPE UNIFORMLY BETWEEN INVERT ELEVATIONS SHOWN
- THE CONTRACTOR SHALL ENSURE THAT EACH BUSINESS AND HOMEOWNER HAS ONE SAFE POINT OF ACCESS FOR CUSTOMERS AND DELIVERIES AT ALL TIMES. THE CONTRACTOR SHALL MAINTAIN ACCESS KEEP IT SAFE, CLEAN AND FREE OF DEBRIS AND PROVIDE THE NECESSARY SAFETY DEVICES WHERE NEEDED.
- THE CONTRACTOR SHALL GIVE AFFECTED BUSINESS OWNERS AND HOMEOWNER AT LEAST A TWO (2) WORKING DAY ADVANCED NOTICE OF REMOVAL, DEMOLITION AND /OR CONSTRUCTION ACTIVITY IN FRONT OF OR AFFECTING ACCESS TO THAT BUSINESS OR HOME.
- THE CONTRACTOR SHALL PRESERVE AND PROTECT PROPERTY MARKERS, SECTION CORNERS, SURVEY MARKS AND BENCH MARKS, SUCH AS STONES, PIPES, OR OTHER MONUMENTS ENCOUNTERED. IF THE CONTRACTOR MUST DISTURB THE PROPERTY MARKERS OR MONUMENTS, THEIR HORIZONTAL AND VERTICAL LOCATION SHALL BE DETERMINED AND RECORDED BY A REGISTERED LAND SURVEYOR AND THE OWNER NOTIFIED BEFORE DISTURBING. ALL PROPERTY MARKERS AND MONUMENTS DISTURBED DURING CONSTRUCTION SHALL BE RE-ESTABLISHED BY A REGISTERED LAND SURVEYOR.
- ALL MATERIALS REQUIRED MUST BE PROVIDED AS NEW AND OF THE QUALITY CALLED OUT IN THE DRAWINGS AND SPECIFICATIONS. THE CONTRACTOR SHALL PROVIDE THE EXACT MATERIALS AND PLACE THEM IN ACCORDANCE WITH THE DOCUMENTS AND REGULATORY AGENCY REQUIREMENTS.
- THE CONTRACTOR SHALL FIELD VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL EXISTING UTILITIES PRIOR TO START OF CONSTRUCTION AND SHALL NOTIFY THE ENGINEER OF ANY CONFLICTS DISCOVERED. SHOULD THE CONTRACTOR PROCEED WITH CONSTRUCTION PRIOR TO DOING THIS AND ANY CONFLICTS OCCUR THEN THE CONTRACTOR WILL BE RESPONSIBLE FOR THE TOTAL COST TO REMEDY THE SITUATION INCLUDING ENGINEERING FEES. CONTRACTOR IS RESPONSIBLE FOR PROTECTING EXISTING UTILITIES (SHOWN OR NOT SHOWN) WITHIN SCOPE OF CONSTRUCTION. IF ANY EXISTING UTILITIES ARE DAMAGED, THE CONTRACTOR SHALL REPAIR THEM AT HIS OWN EXPENSE.
- THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR SITE SAFETY DURING ALL PHASES OF CONSTRUCTION.
- CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL GEOTECHNICAL ENGINEERING, COMPACTION, SOILS AND COMPACTION TESTING, AND HOMESITE SUITABILITY. ENGINEER MAKES NO REPRESENTATIONS OR WARRANTIES CONCERNING GEOTECHNICAL ENGINEERING, COMPACTION, SOILS, COMPACTION TESTING OR HOMESITE SUITABILITY.

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.
 - 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 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.
 - 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.
- 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 CANT 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 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.

SITE WORK

- EXISTING CONTOURS AND ELEVATIONS AS SHOWN ON THIS PLAN WERE TAKEN FROM A FIELD TOPOGRAPHIC SURVEY PREPARED BY DEVELOPMENT RESOURCE GROUP,LLC, CONTRACTOR SHALL CONTACT AND REFERENCE SAME BENCHMARK AS USED BY SURVEYOR.
- BEFORE ANY EARTHWORK IS DONE, THE CONTRACTOR SHALL STAKE OUT AND FLAG THE CLEARING LIMITS, TREES TO BE SAVED & OTHER ITEMS ESTABLISHED BY THE PLANS. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY ENGINEERING AND SURVEYING FOR LINE AND GRADE CONTROL POINTS RELATED TO EARTHWORK.
- CLEARING LIMITS SHALL BE, AT A MINIMUM, THE CLEARING REQUIRED IN ORDER TO FACILITATE THE WORK, OR TO PROVIDE FOR ADDITIONAL UTILITIES OR EASEMENTS AND SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- NO TREE SHALL BE REMOVED OR DAMAGED WITHOUT PRIOR AUTHORIZATION OF THE OWNER OR OWNER'S REPRESENTATIVE. EXISTING TREES TO BE SAVED, AS SHOWN ON THE DRAWINGS, SHALL BE PRESERVED.
- ALL BACKFILL AND FILL SOILS SHOULD BE NON-PLASTIC AND GRANULAR IN NATURE. SOILS SHOULD BE PLACED IN MAXIMUM EIGHT (8.0) INCH COMPACTED LIFTS. EACH LIFT SHALL BE COMPACTED TO AT LEAST NINETY-FIVE PERCENT (95%) OF THE SOIL'S MODIFIED PROCTOR MAXIMUM DRY DENSITY (ASTM D1557).
- CONTRACTOR IS RESPONSIBLE FOR PROPERLY DISPOSING OF UNSUITABLE MATERIAL OFF SITE. ALL SUITABLE MATERIAL SHALL BE STOCKPILED AT OWNERS DIRECTION.
- ALL EXCAVATION IS UNCLASSIFIED AND SHALL INCLUDE ALL MATERIALS ENCOUNTERED. UNUSABLE EXCAVATED MATERIAL AND ALL WASTE RESULTING FROM SITE CLEARING AND GRUBBING SHALL BE DISPOSED OF OFF SITE BY THE CONTRACTOR AT HIS EXPENSE UNLESS INSTRUCTED OTHERWISE BY THE ENGINEER.
- CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL GEOTECHNICAL ENGINEERING CONCERNING THE SITE, HOMESITE LOCATION, COMPACTION, SOILS AND COMPACTION TESTING AND HOMESITE SUITABILITY.

DRAINAGE

- ALL MATERIALS AND WORKMANSHIP ARE TO CONFORM TO THE REQUIREMENTS SET FORTH BY THE CITY OF NORTH MYRTLE BEACH, SCDOT AND SC DHEC.
- IF AN ITEM IS NOT COVERED BY THESE PLANS, THEN THE CITY OF NORTH MYRTLE BEACH AND SCDOT AND SC DHEC GENERAL SPECIFICATIONS COVERING SUCH ITEMS SHALL APPLY.
- ALL DRAINAGE PIPE SHALL BE RCP, CLASS III UNLESS OTHERWISE SPECIFIED
- FOR PIPE JOINTS, AND DRAINAGE STRUCTURES, CONTRACTOR SHALL USE TYPE M OR S MORTAR.
- ALL DRAINAGE STRUCTURES SHALL HAVE A MINIMUM INSIDE DIMENSION OF 3' x 3'
- ALL DRAINAGE STRUCTURES GREATER THAN 6' IN DEPTH SHALL UTILIZE STEPS.

WATER AND SEWER

- ALL MATERIALS AND WORKMANSHIP ARE TO CONFORM TO THE REQUIREMENTS SET FORTH BY THE CITY OF NORTH MYRTLE BEACH AND SC DHEC.
- IF AN ITEM IS NOT COVERED BY THESE PLANS, THEN THE CITY OF NORTH MYRTLE BEACH AND SC DHEC GENERAL SPECIFICATIONS COVERING SUCH ITEMS SHALL APPLY.
- WATER MAINS SHALL BE MINIMUM, C-900, DR18 PVC PIPE, BLUE IN COLOR.
- HYDRANTS SHALL BE MUELLER SUPER CENTURION A423 (4 1/2" MAIN VALVE).
- SEWER PIPE SHALL BE MINIMUM, SDR 35 PVC PIPE, GREEN IN COLOR.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING RECORD DRAWINGS TO THE ENGINEER SHOWING THE LOCATION OF WATER INFRASTRUCTURE IN STATE PLANE COORDINATES AND ANY DEVIATIONS FROM PLANS MADE DURING CONSTRUCTION. THE ENGINEER WILL PROVIDE RECORD PLANS TO THE CITY OF NORTH MYRTLE BEACH.
- THE SITE UTILITY CONTRACTOR SHALL PROVIDE ALL MATERIALS AND APPURTENANCES NECESSARY FOR COMPLETE INSTALLATION OF THE UTILITIES. ALL PUBLIC PIPE, STRUCTURES, AND FITTINGS SHALL BE INSPECTED BY THE CITY OF NORTH MYRTLE BEACH INSPECTOR PRIOR TO BEING COVERED. THE INSPECTOR MUST ALSO BE PRESENT DURING DISINFECTION AND PRESSURE TESTING OF ALL MAINS. THE CONTRACTOR'S BID PRICE SHALL INCLUDE ALL TESTING AND INSPECTION FEES.
- WATER MAINS SHALL HAVE A MINIMUM COVER OF 36" BELOW PROPOSED FINISHED GRADE.
- ALL UNDERGROUND UTILITIES AND FIRE HYDRANTS MUST BE FUNCTIONALLY APPROVED PRIOR TO BUILDING CONSTRUCTION.
- IN NO SUCH CASE SHALL SEWER SLOPES BE LESS THAN INDICATED ON THESE PLANS.

PAVING

- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THESE PLANS SCDOT STANDARD SPECIFICATIONS, LATEST EDITION, THE CITY OF NORTH MYRTLE BEACH SPECIFICATIONS, AND GEOTECHNICAL REPORT (WHEN PROVIDED).
- UPON COMPLETION OF PAVING, CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING PAVEMENT CORE DATA AS REQUESTED BY THE CITY OF NORTH MYRTLE BEACH OR THE ENGINEER.
- PRIME COAT AND TACK COAT APPLICATION TO BE IN ACCORDANCE WITH SCDOT STANDARD SPECIFICATIONS.
- ALL SIGNS, PAVEMENT MARKINGS, AND OTHER TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE SCDOT STANDARDS/FOR ROADWAY CONSTRUCTION AND THE MUTCD FOR HIGHWAY CONSTRUCTION.
- UNLESS OTHERWISE DIRECTED, PAVEMENT MARKINGS SHALL BE PAINT OR AS DIRECTED BY THE OWNER.
- ALL STOP BARS AND ARROWS ARE TO BE THERMOPLASTIC.
- SAW CUTS ON EXISTING PAVEMENT FOR PATCHING SHALL HAVE A TYPICAL MINIMUM WIDTH OF 24 INCHES UNLESS OTHERWISE DIRECTED BY THE ENGINEER.



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4703 OLEANDER DRIVE
MYRTLE BEACH, SC 29577
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GENERAL NOTES

SANDRIDGE - FARMHOUSE

PREPARED FOR:

ECOVEST CAPITAL, INC
3424 PEACHTREE ROAD NE, SUITE 1550
ATLANTA, GA 30326
XXX

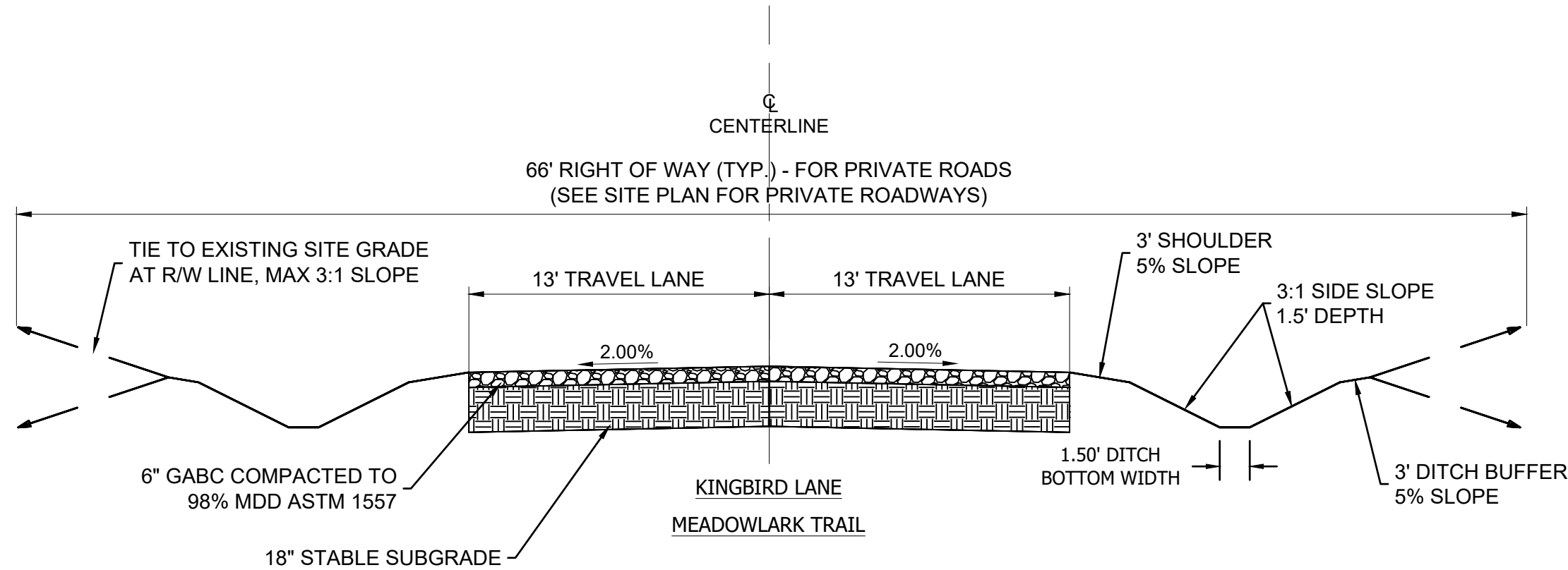
30% PLANS
NOT FOR
CONSTRUCTION

JOB NO:	20153
SCALE:	NTS
DRAWN BY:	BJW
CHECKED BY:	WAG
APPROVED BY:	WAG
DATE:	05/04/2021

SHEET NUMBER:

C2.0

- NOTE:
- WHERE BASE IS PLACED ON NATIVE MATERIAL, A PROOFROLL SHALL BE CONDUCTED TO ENSURE STABLE SUBGRADE. WHERE BASE IS PLACED ON FILL, THE FILL MATERIAL SHALL BE COMPACTED TO 98% MDD AS DETERMINED BY ASTM 1557. ALL SUBGRADE SHALL BE PROOFROLLED UNDER THE OBSERVATION OF THE ENGINEER AND Horry COUNTY PRIOR TO BASE PLACEMENT.
 - PROOF-ROLLING SHALL BE PERFORMED WITH A LOADED TANDEM AXLE DUMP TRUCK. WEIGHT TICKET SHOWING THE CURRENT LOAD COMING FROM A SC CERTIFIED SCALE MASTER MUST BE PROVIDED AT BEGINNING OF PROOF ROLL INSPECTION. WEIGHT TICKET CANNOT HAVE BEEN ISSUED MORE THAN ONE HOUR PRIOR TO BEGINNING PROOF ROLL INSPECTION. GROSS VEHICLE WEIGHT SHALL BE NO LESS THAN 65,000-LBS. IN LIEU OF THIS REQUIREMENT CONTRACTOR MAY PROVIDE TANDEM DUMP TRUCK LOADED WITH GABC WITH ZERO FREEBOARD. LOAD MUST BE DUMPED ONSITE AT THE END OF THE PROOF ROLL FOR INSPECTION BY THE COUNTY INSPECTOR. ANY MATERIAL FOUND OTHER THAN GABC WILL RESULT IN AN INSPECTION FAILURE.
 - ALL PROPOSED GRADES SHALL MATCH EXISTING GRADES AT THE R/W LINE.
 - GABC SHALL MEET SCDOT SECTION 305 STANDARD SPECIFICATIONS





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TYPICAL SECTION

SANDRIDGE - FARMHOUSE

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ATLANTA, GA 30326
XXX

JOB NO: 20153

SCALE: NTS

DRAWN BY: BJW

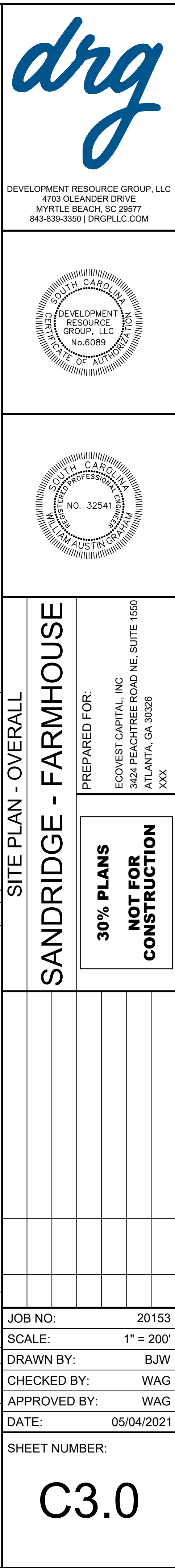
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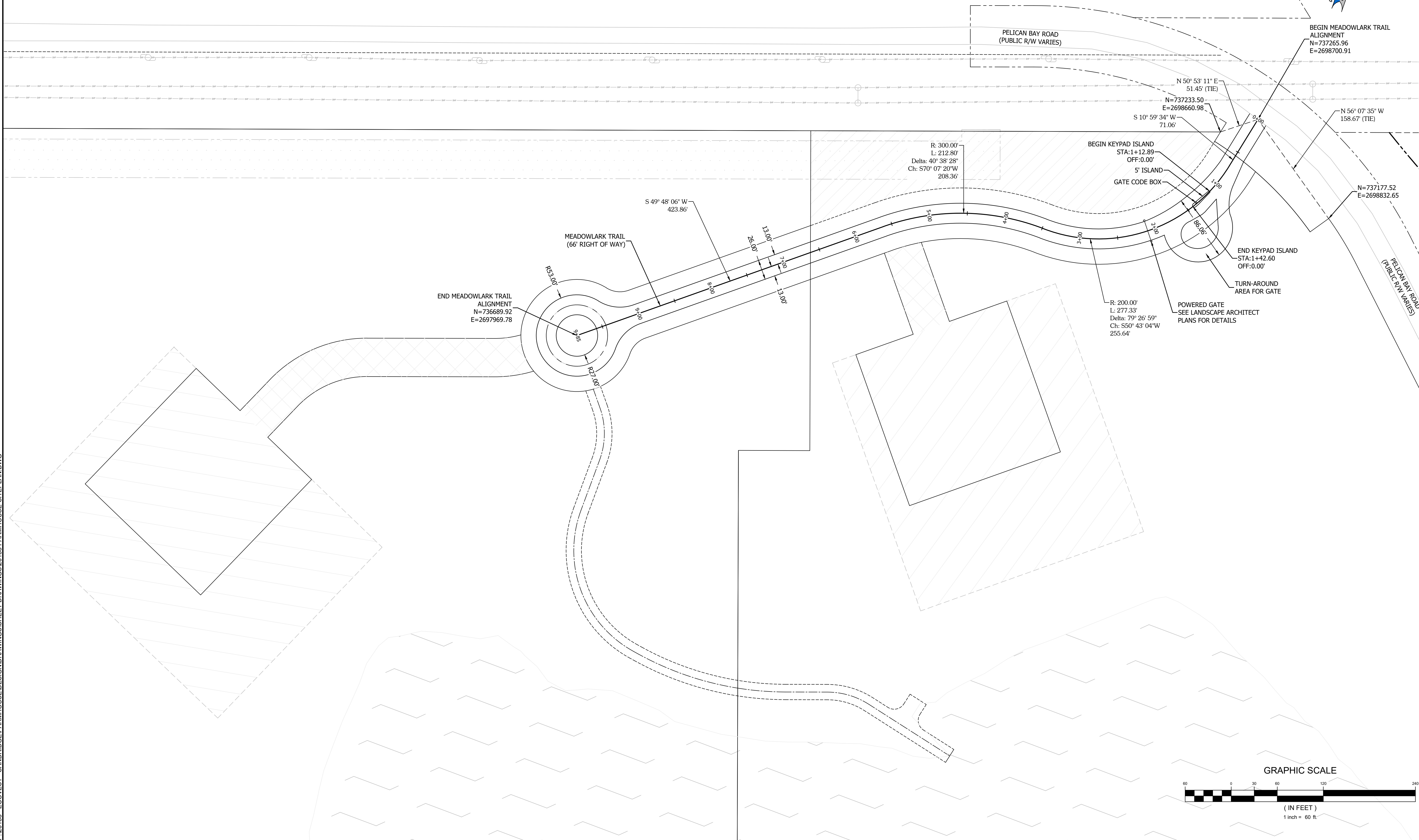
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DATE: 05/04/2021

SHEET NUMBER:

C2.1





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SITE PLAN - NORTH

SANDRIDGE - FARMHOUSE

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XXX

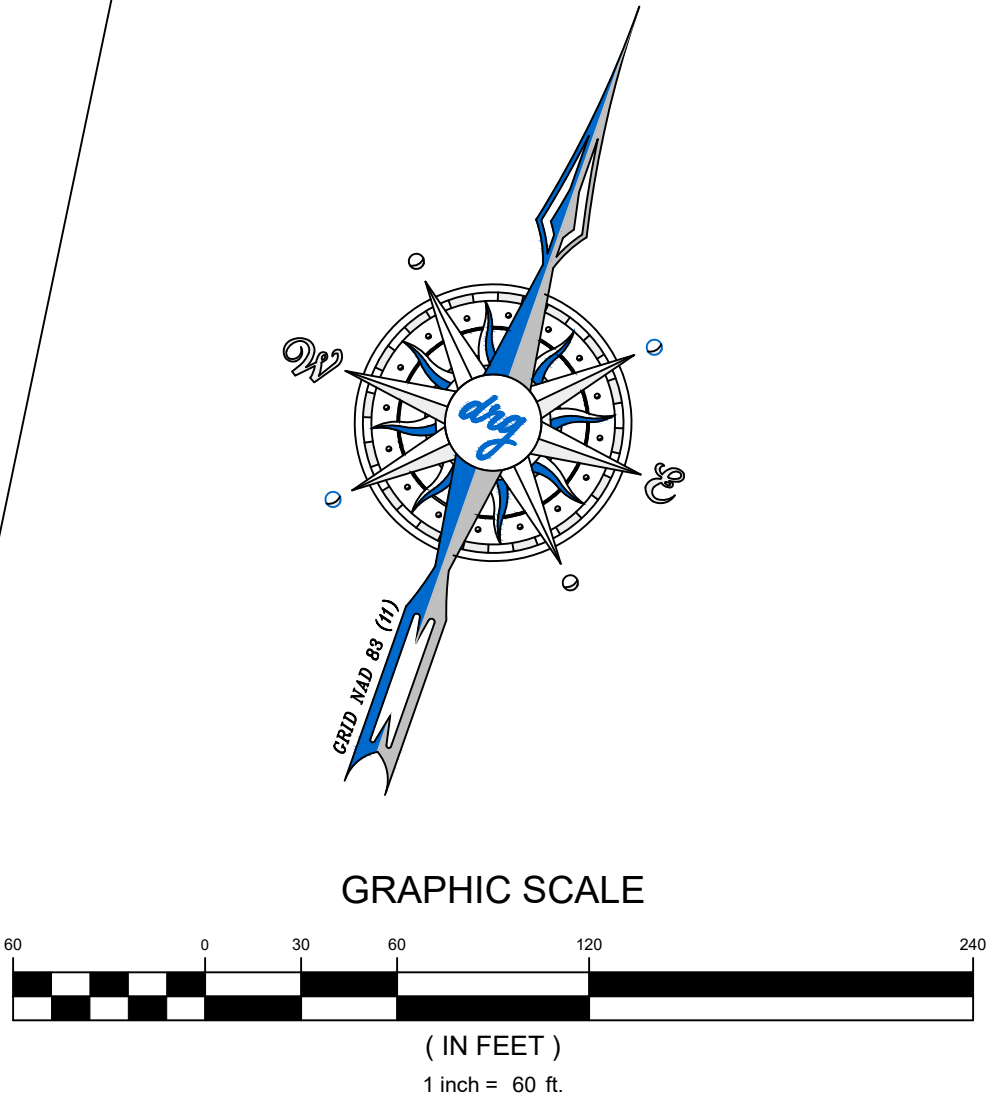
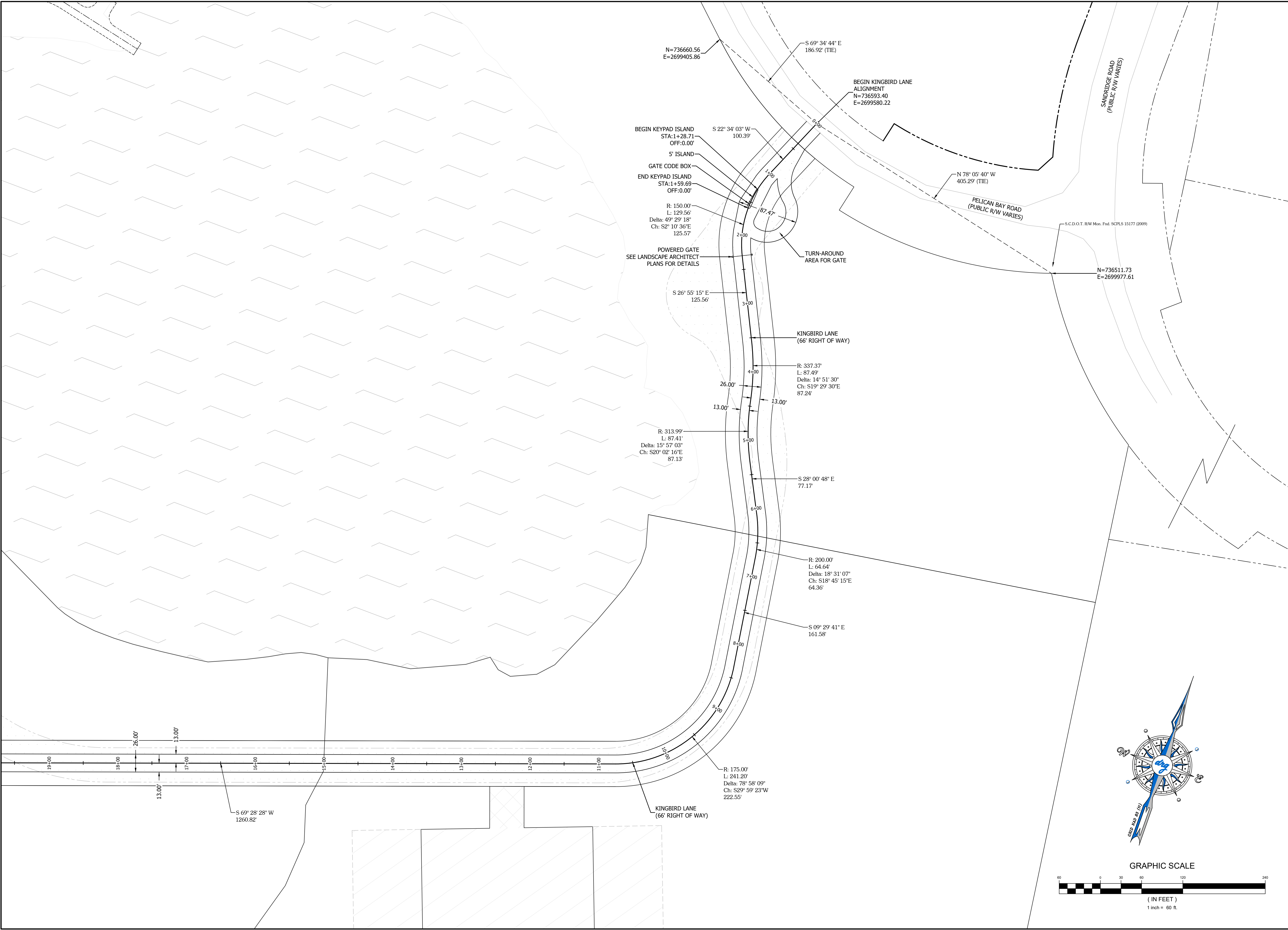
**30% PLANS
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CONSTRUCTION**

JOB NO:	20153
SCALE:	1" = 60'
DRAWN BY:	BJW
CHECKED BY:	WAG
APPROVED BY:	WAG
DATE:	05/04/2021

SHEET NUMBER:

C3.1

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drq

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STATE OF SOUTH CAROLINA
DEVELOPMENT
RESOURCE
GROUP, LLC
No. 6089
OFFICE OF AUTOMATIC
RENEWAL

STATE OF SOUTH CAROLINA
PROFESSIONAL
ENGINEER
No. 32541
JAMES L. AUSTIN
AUSTIN ENGINEERING

SITE PLAN - EAST

SANDRIDGE - FARMHOUSE

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ATLANTA, GA 30326
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**30% PLANS
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CONSTRUCTION**

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SCALE: 1" = 60'

DRAWN BY: BJW

CHECKED BY: WAG

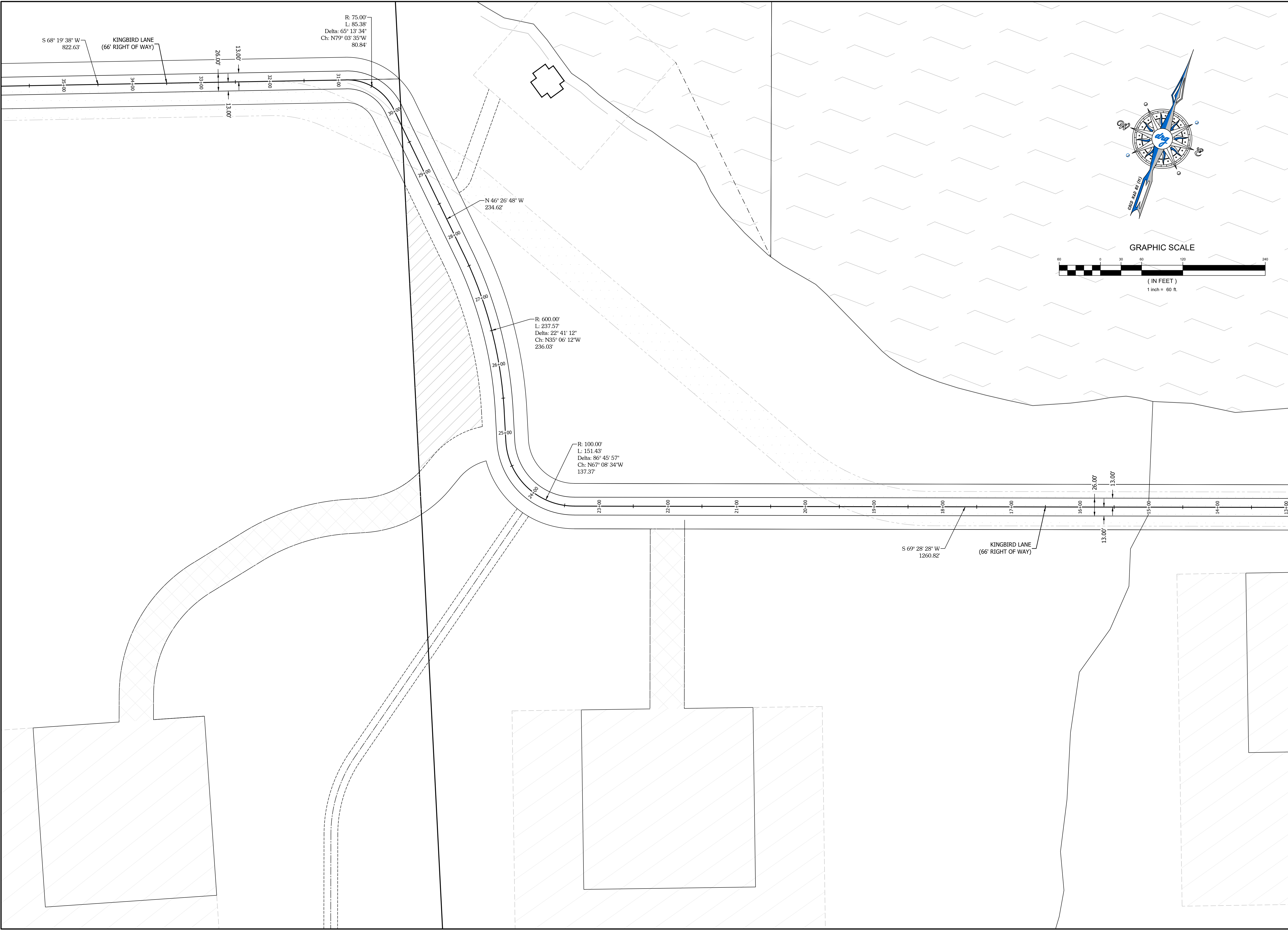
APPROVED BY: WAG

DATE: 05/04/2021

SHEET NUMBER:

C3.2

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drg

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SOUTH CAROLINA
PROFESSIONAL
ENGINEER
No. 32541
AUSTIN GRAY

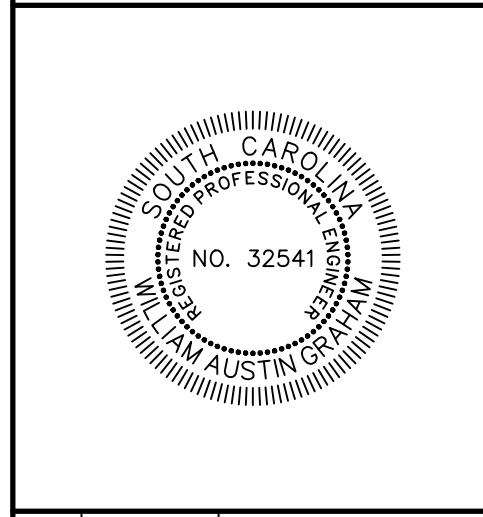
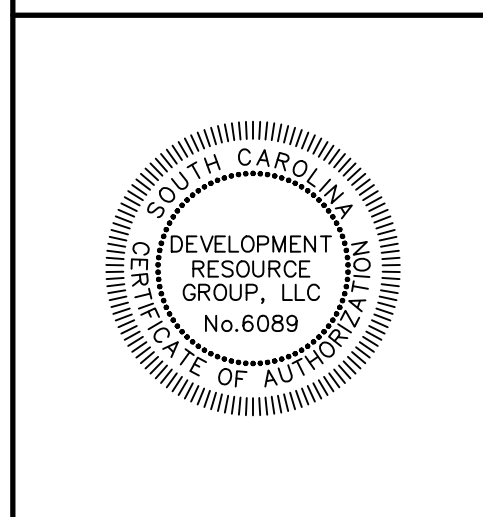
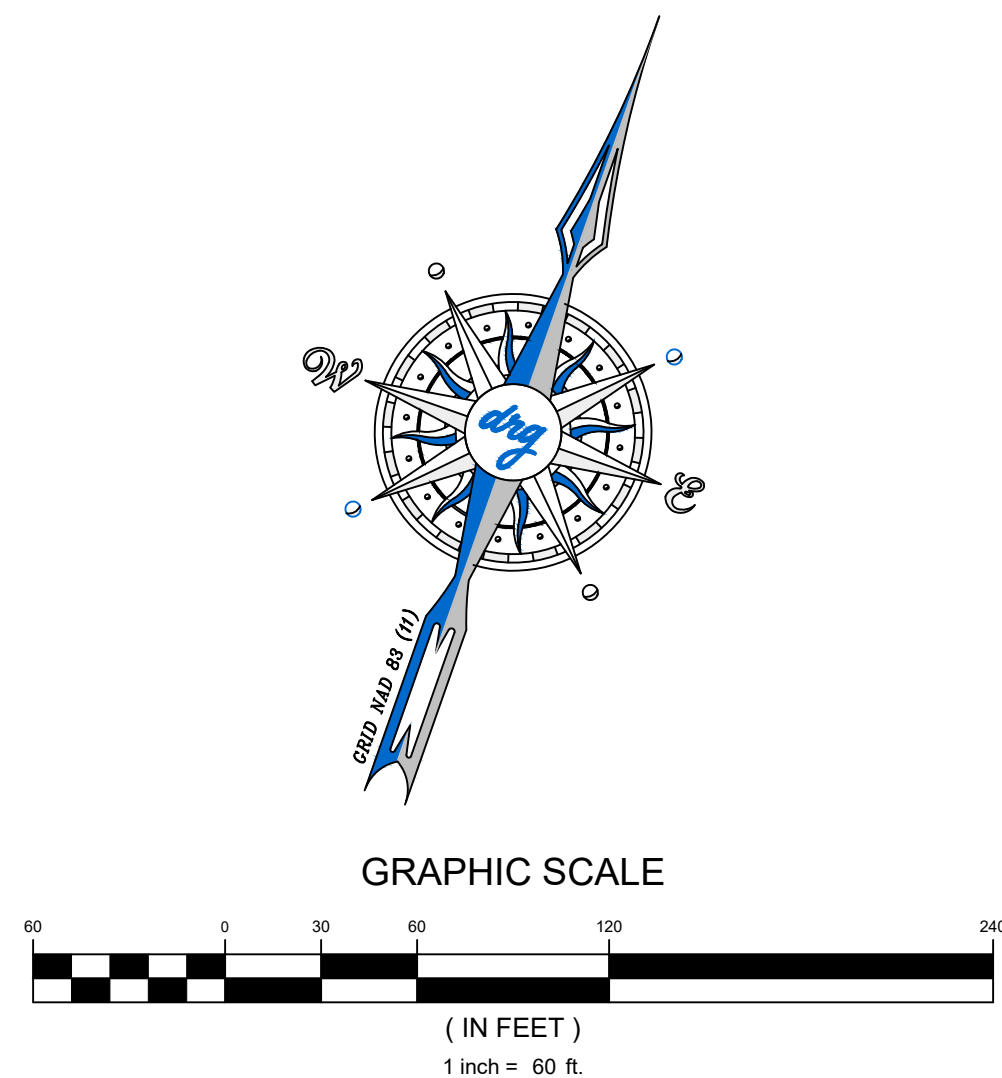
SITE PLAN - SOUTH

SANDRIDGE - FARMHOUSE

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**30% PLANS
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CONSTRUCTION**

JOB NO:	20153
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DRAWN BY:	BJW
CHECKED BY:	WAG
APPROVED BY:	WAG
DATE:	05/04/2021
SHEET NUMBER:	C3.3



SITE PLAN - WEST
 SANDRIDGE - FARMHOUSE

**30% PLANS
NOT FOR
CONSTRUCTION**

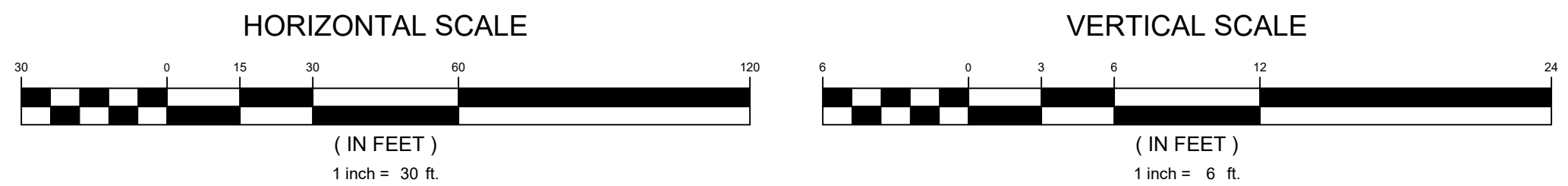
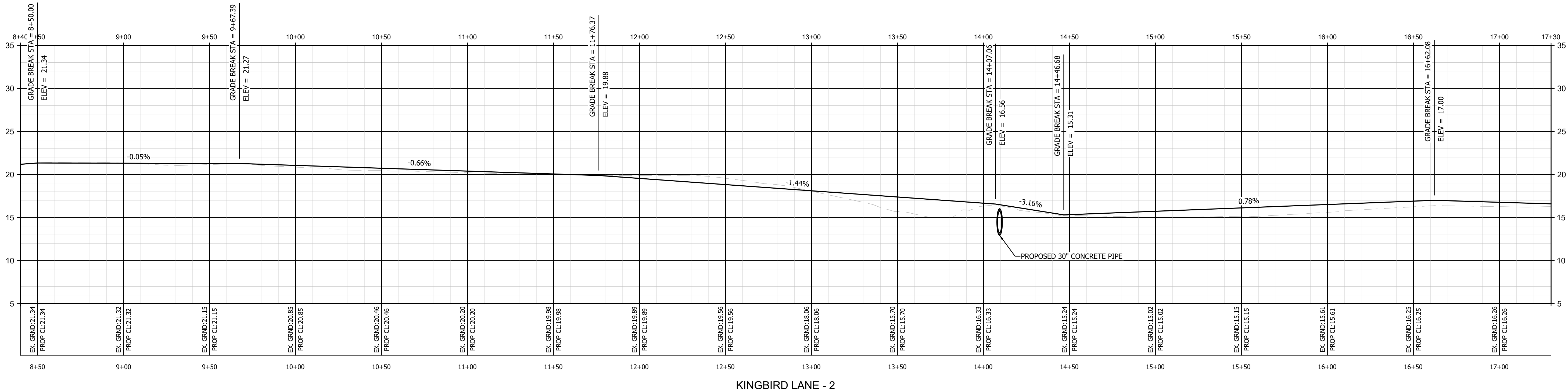
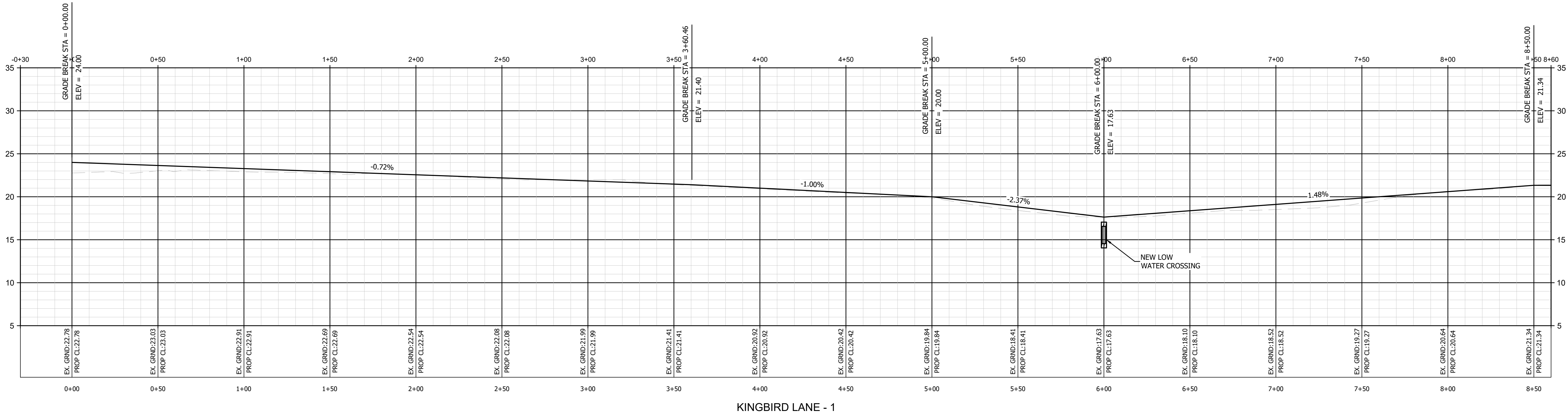
PREPARED FOR: ECOVEST CAPITAL, INC
3424 PEACHTREE ROAD NE, SUITE 1550
ATLANTA, GA 30326
XXX

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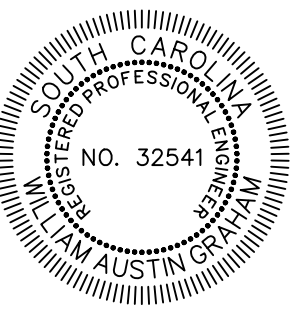
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SCALE:	1" = 60'
DRAWN BY:	BJW
CHECKED BY:	WAG
APPROVED BY:	WAG
DATE:	05/04/2021

SHEET NUMBER:

C3.4



DEVELOPMENT RESOURCE GROUP, LLC
4703 OLEANDER DRIVE
MYRTLE BEACH, SC 29577
843-839-3350 | DRGPLLC.COM



ROAD PROFILES - 1

SANDRIDGE - FARMHOUSE

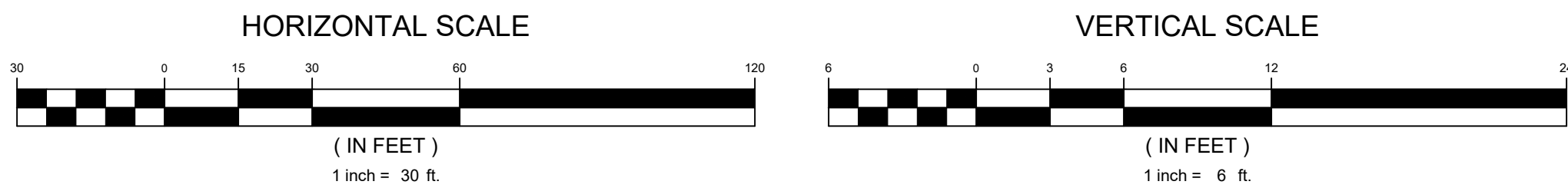
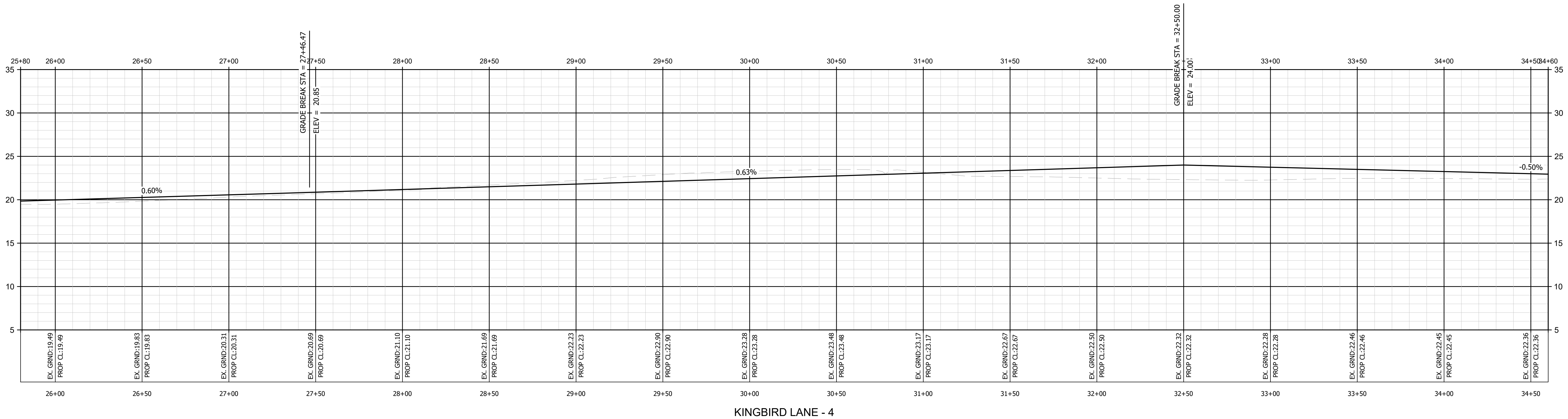
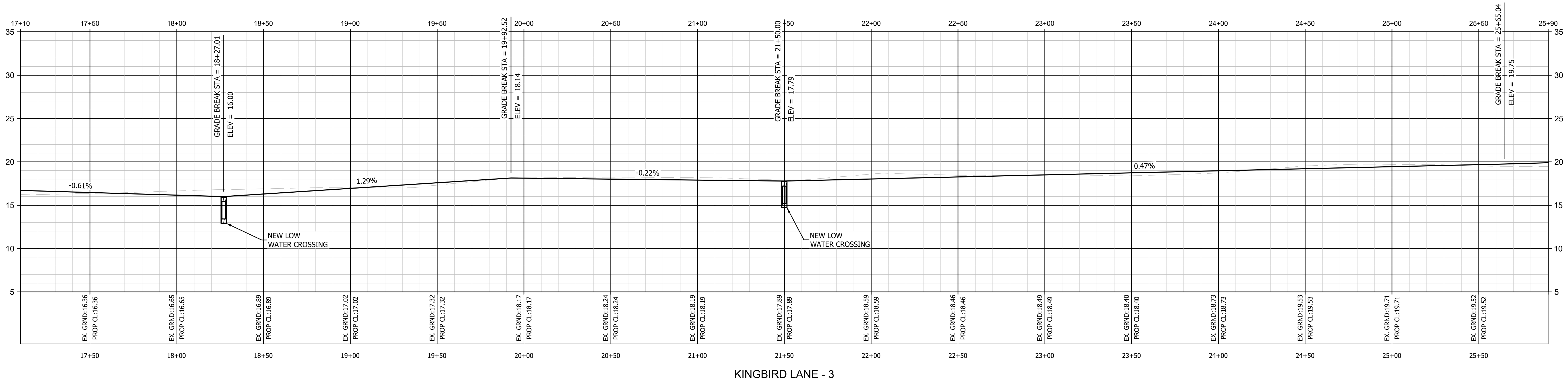
PREPARED FOR:
ECOVEST CAPITAL, INC
3424 PEACHTREE ROAD NE, SUITE 1550
ATLANTA, GA 30326
XXX

**30% PLANS
NOT FOR
CONSTRUCTION**

JOB NO: 20153
SCALE: AS NOTED
DRAWN BY: BJW
CHECKED BY: WAG
APPROVED BY: WAG
DATE: 05/04/2021

SHEET NUMBER:

C4.0



DEVELOPMENT RESOURCE GROUP, LLC
4703 OLEANDER DRIVE
MYRTLE BEACH, SC 29577
843-839-3350 | DRGPLLC.COM



ROAD PROFILES - 2

SANDRIDGE - FARMHOUSE

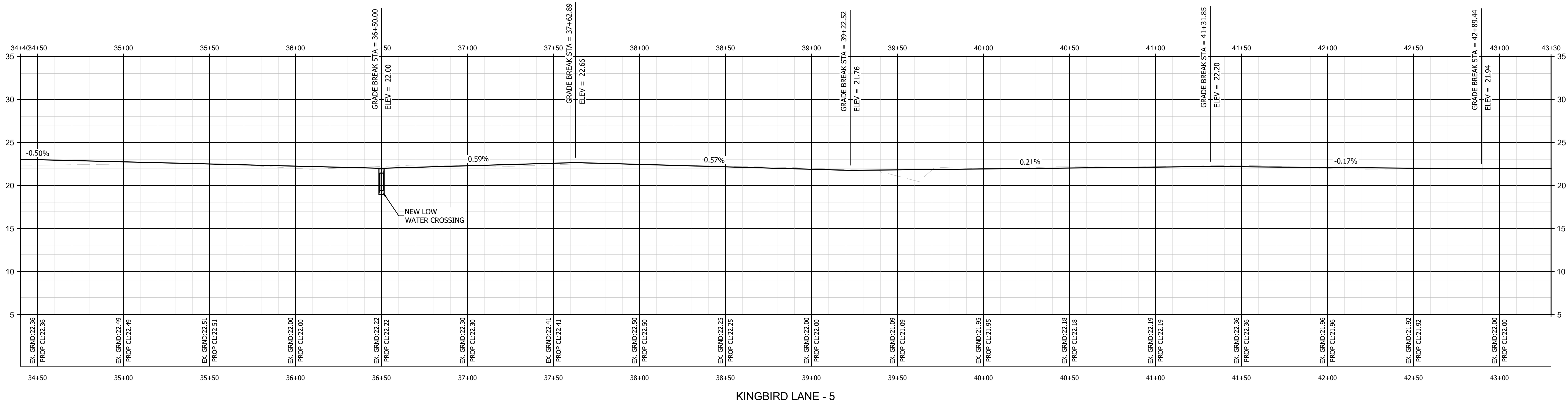
PREPARED FOR:
ECOVEST CAPITAL, INC
3424 PEACHTREE ROAD NE, SUITE 1550
ATLANTA, GA 30326
XXX

**30% PLANS
NOT FOR
CONSTRUCTION**

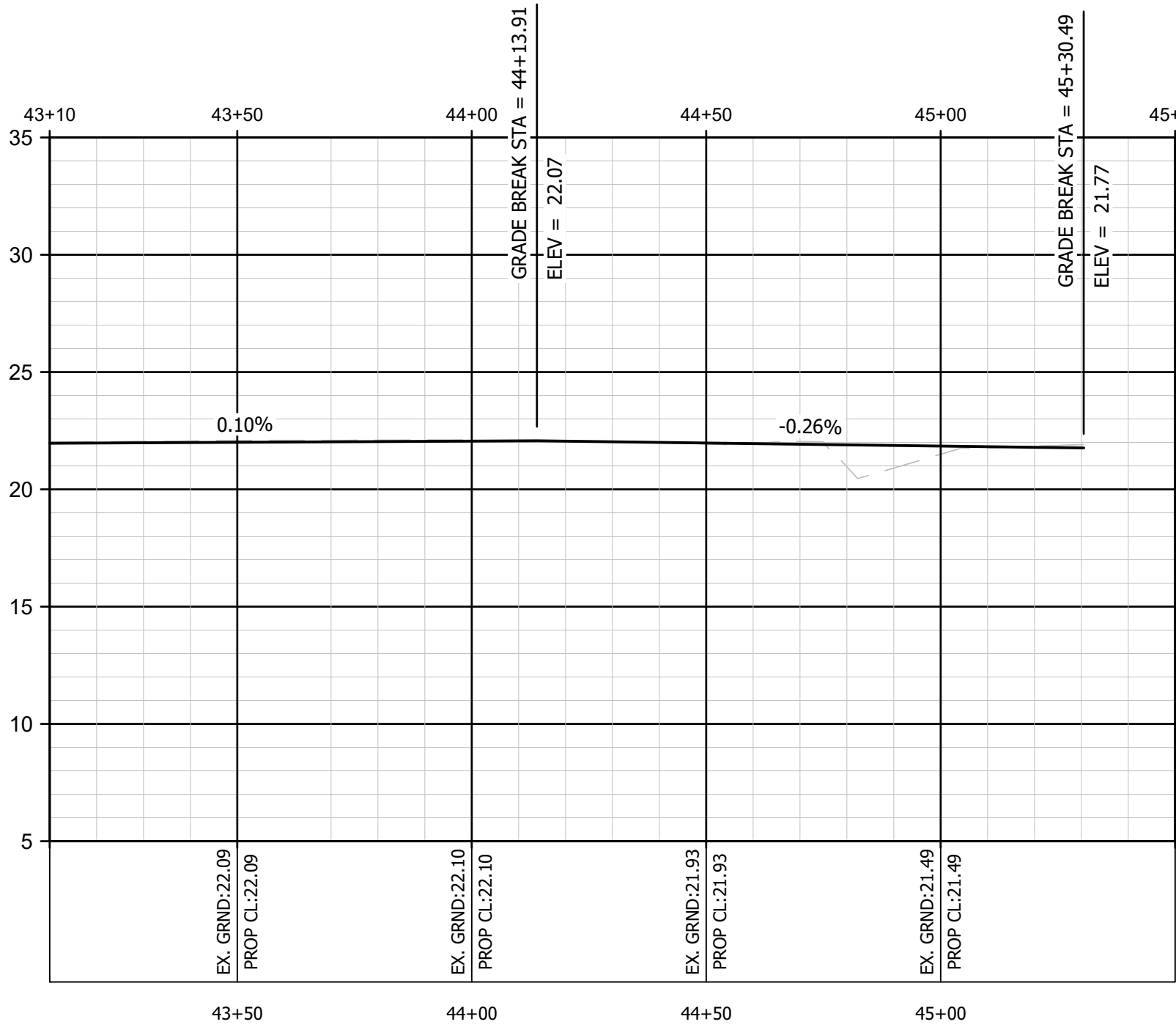
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CHECKED BY: WAG
APPROVED BY: WAG
DATE: 05/04/2021

SHEET NUMBER:

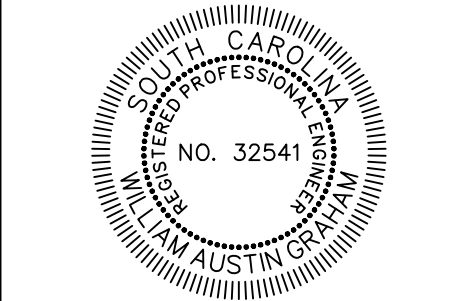
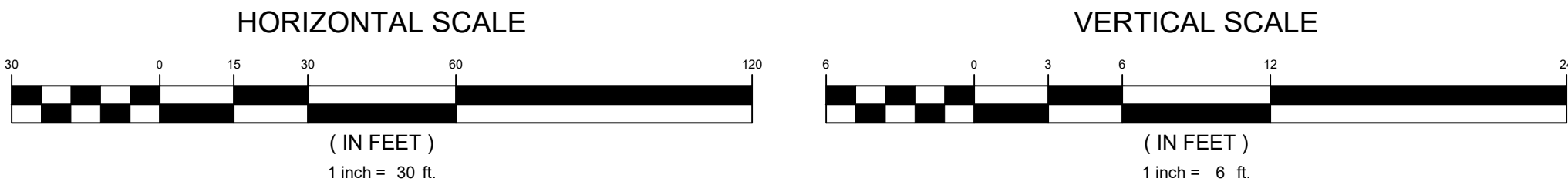
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KINGBIRD LANE - 5



KINGBIRD LANE - 6

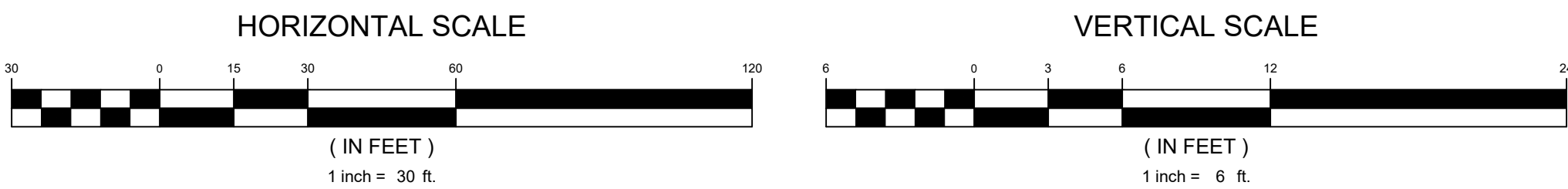
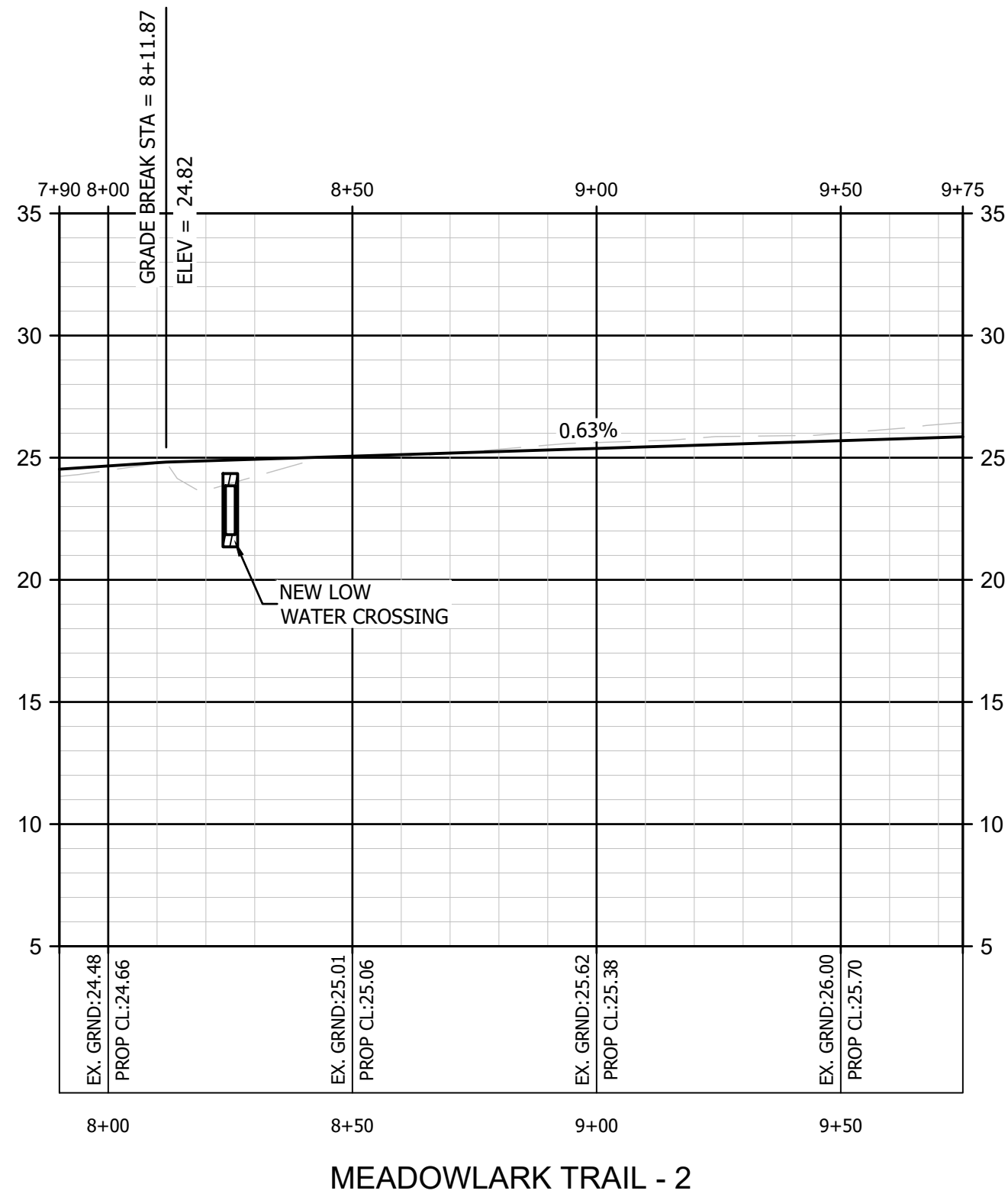
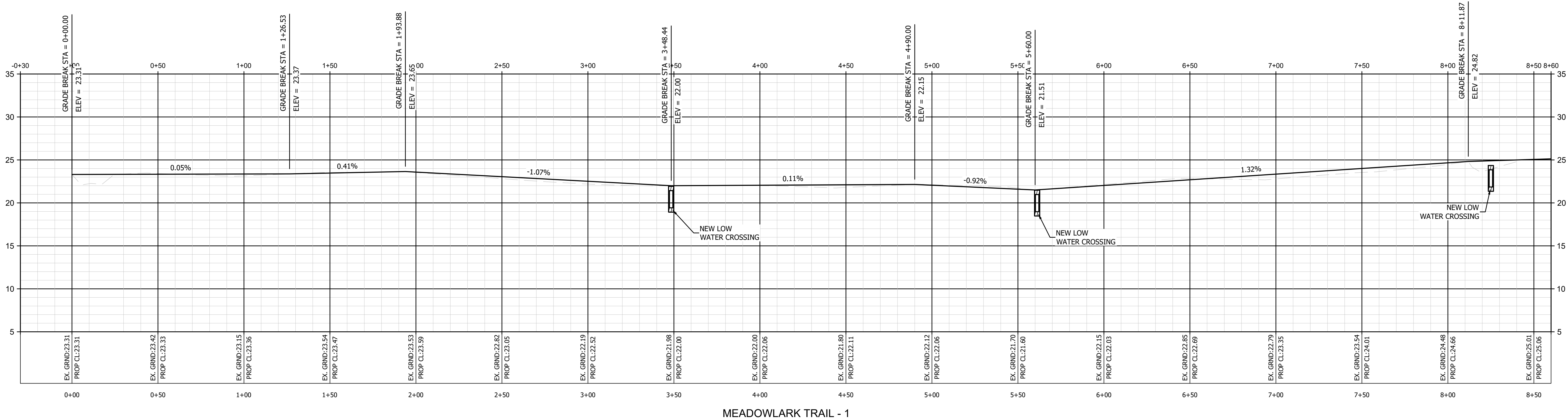


ROAD PROFILES - 3

SANDRIDGE - FARMHOUSE

30% PLANS
NOT FOR
CONSTRUCTION

PREPARED FOR:
ECOVEST CAPITAL, INC
3424 PEACHTREE ROAD NE, SUITE 1550
ATLANTA, GA 30326
XXX



ROAD PROFILES - 4

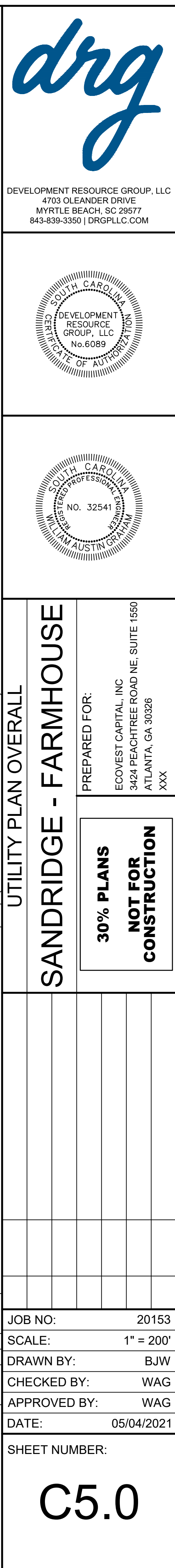
SANDRIDGE - FARMHOUSE

30% PLANS
NOT FOR
CONSTRUCTION

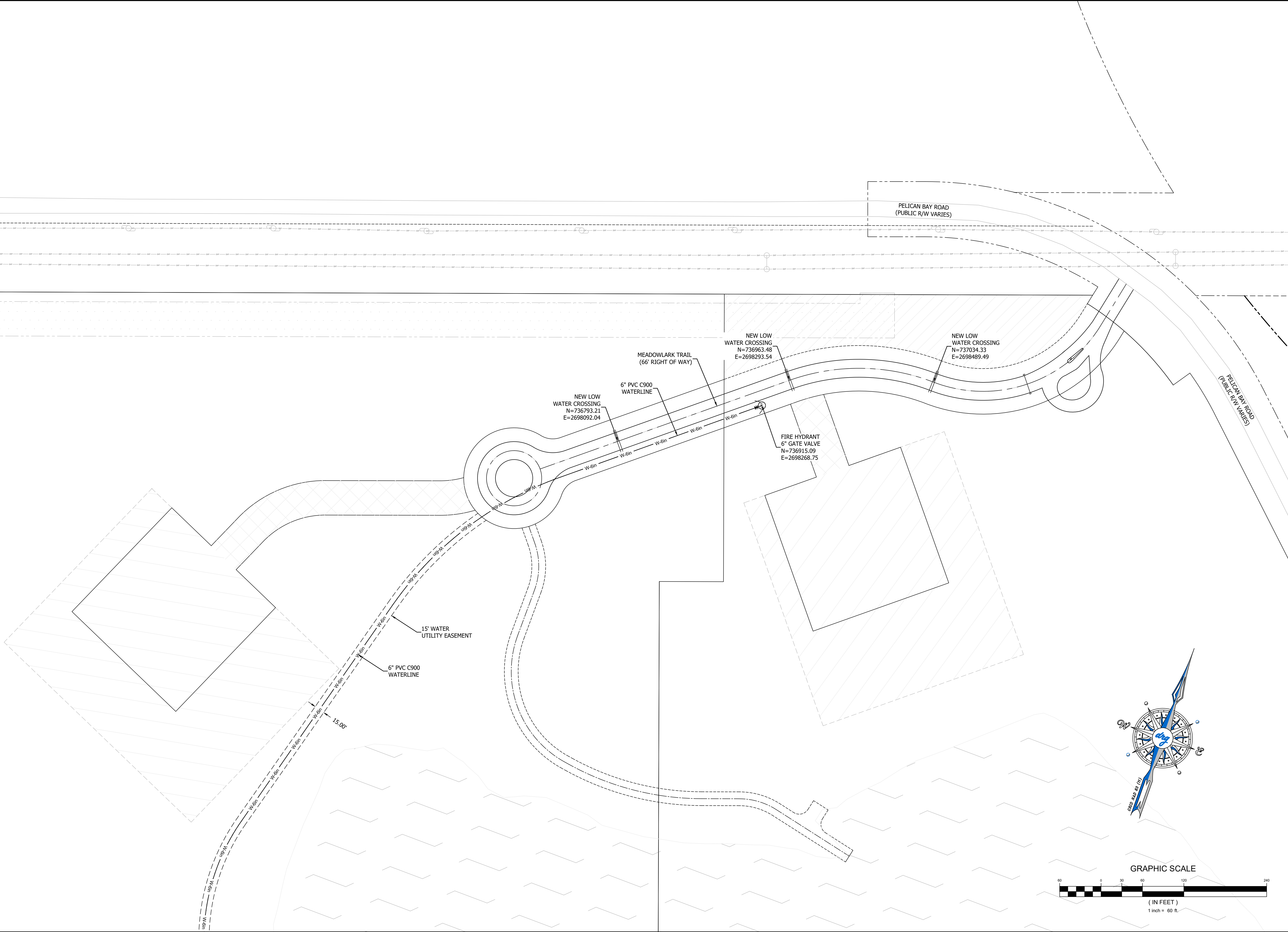
PREPARED FOR:
ECOVEST CAPITAL, INC
3424 PEACHTREE ROAD NE, SUITE 1550
ATLANTA, GA 30326
XXX

JOB NO:	20153
SCALE:	AS NOTED
DRAWN BY:	BJW
CHECKED BY:	WAG
APPROVED BY:	WAG
DATE:	05/04/2021
SHEET NUMBER:	

C4.3

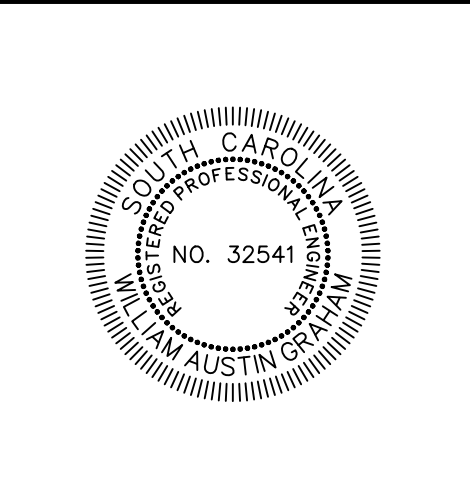
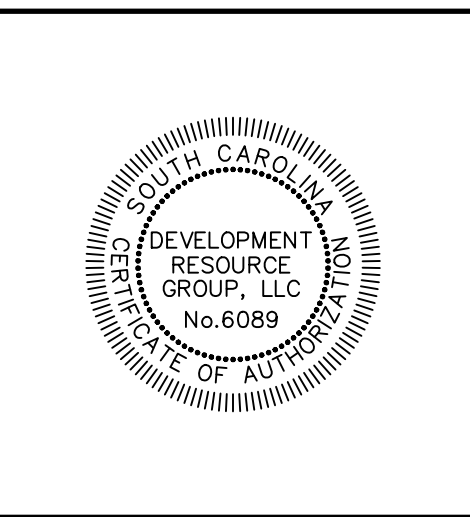


P:\20153 - ECOVEST - SANDRIDGE\FARMHOUSE\DESIGN\DRAWINGS\SHEET DRAWINGS\20153 FARMHOUSE-UTILITY.DWG 5/4/2021 1:23 PM



drq

DEVELOPMENT RESOURCE GROUP, LLC
4703 OLEANDER DRIVE
MYRTLE BEACH, SC 29577
843-839-3350 | DRGPLLC.COM



UTILITY PLAN - NORTH

SANDRIDGE - FARMHOUSE

**30% PLANS
NOT FOR
CONSTRUCTION**

PREPARED FOR:
ECOVEST CAPITAL, INC
3424 PEACHTREE ROAD NE, SUITE 1550
ATLANTA, GA 30326
XXX

JOB NO: 20153

SCALE: 1" = 60'

DRAWN BY: BJW

CHECKED BY: WAG

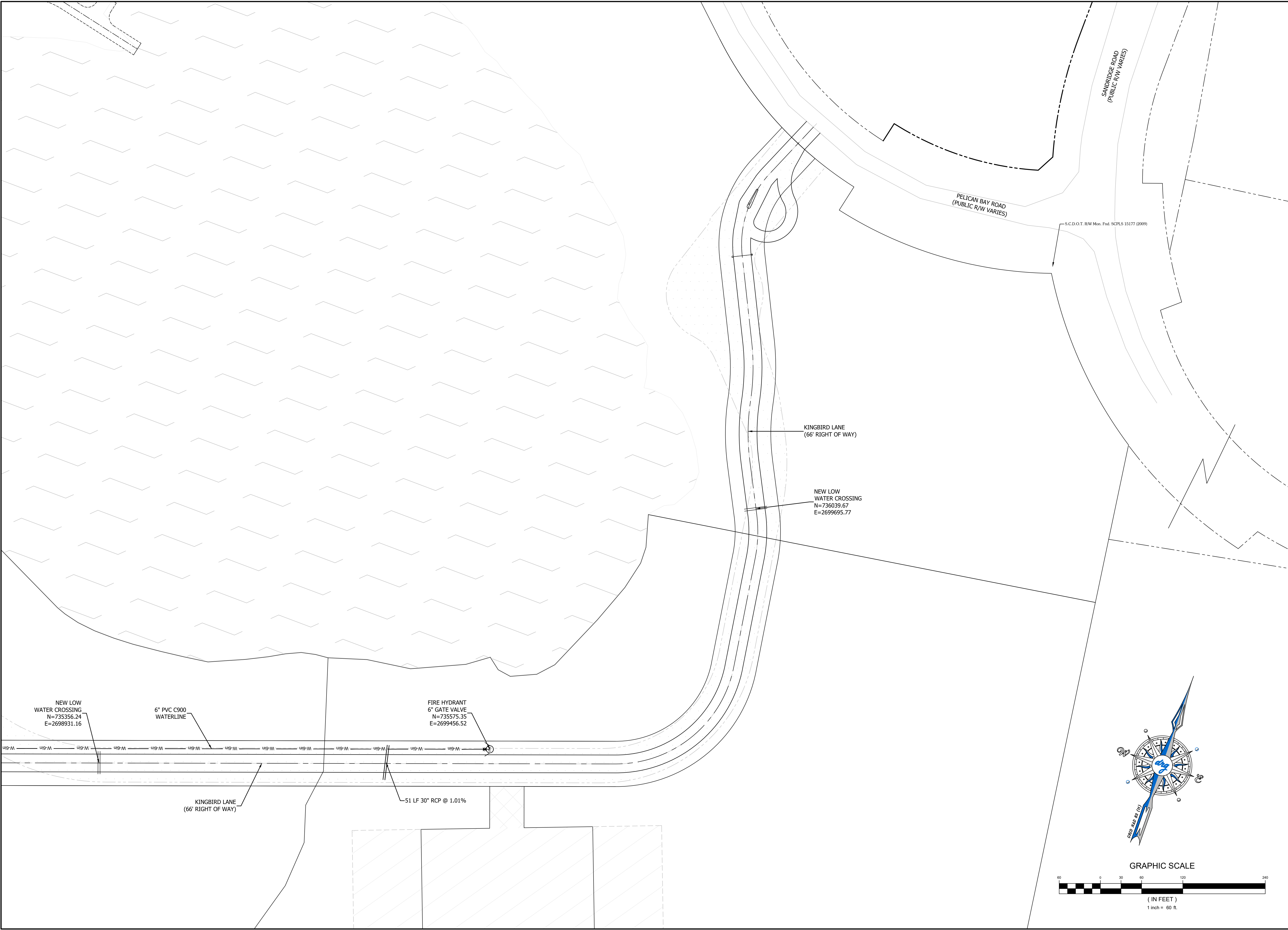
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DATE: 05/04/2021

SHEET NUMBER:

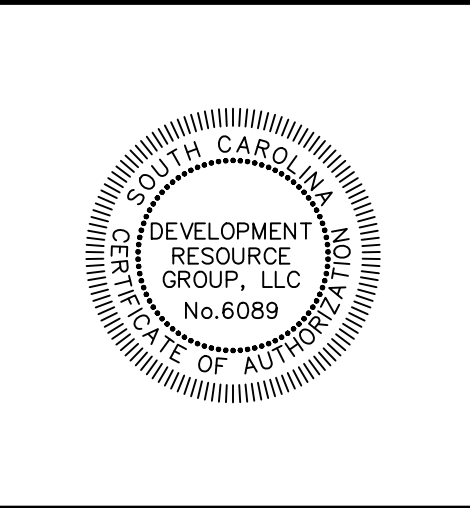
C5.1

P:\20153 - ECOVEST - SANDRIDGE\FARMHOUSE\DESIGN\DRAWINGS\20153 FARMHOUSE-UTILITY.DWG 5/4/2021 1:23 PM





DEVELOPMENT RESOURCE GROUP, LLC
4703 OLEANDER DRIVE
MYRTLE BEACH, SC 29577
843-839-3350 | DRGPLLC.COM



SOUTH CAROLINA
PROFESSIONAL ENGINEER
No. 6089



SOUTH CAROLINA
PROFESSIONAL ENGINEER
No. 32541
AUSTIN GRAYMAN

UTILITY PLAN - EAST

SANDRIDGE - FARMHOUSE

30% PLANS
NOT FOR
CONSTRUCTION

PREPARED FOR:
ECOVEST CAPITAL, INC
3424 PEACHTREE ROAD NE, SUITE 1550
ATLANTA, GA 30326
XXX

JOB NO: 20153

SCALE: 1" = 60'

DRAWN BY: BJW

CHECKED BY: WAG

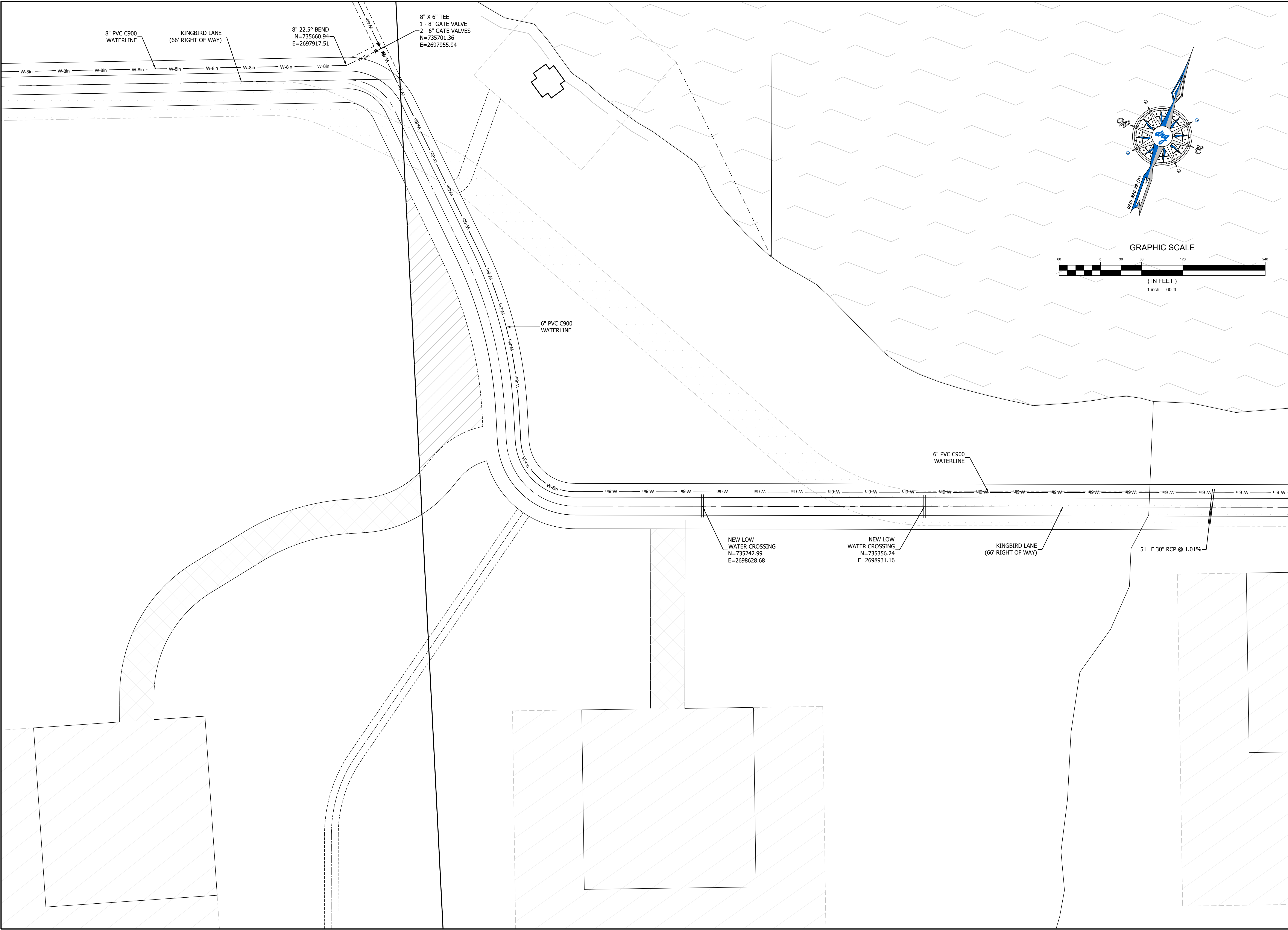
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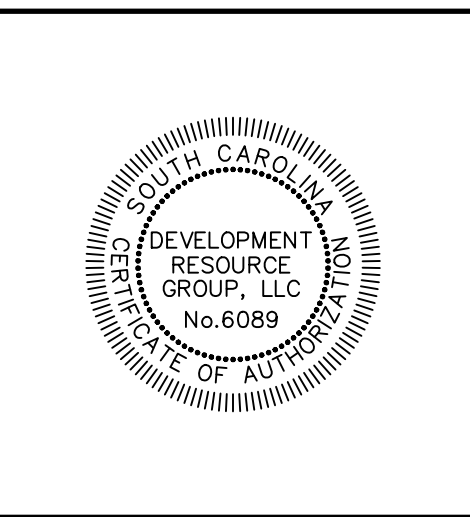
C5.2

P:\20153 - ECOVEST - SANDRIDGE\FARMHOUSE\DESIGN\DRAWINGS\SHEET DRAWINGS\20153 FARMHOUSE-UTILITY.DWG 5/4/2021 1:23 PM



drg

DEVELOPMENT RESOURCE GROUP, LLC
4703 OLEANDER DRIVE
MYRTLE BEACH, SC 29577
843-839-3350 | DRGPLLC.COM



UTILITY PLAN - SOUTH

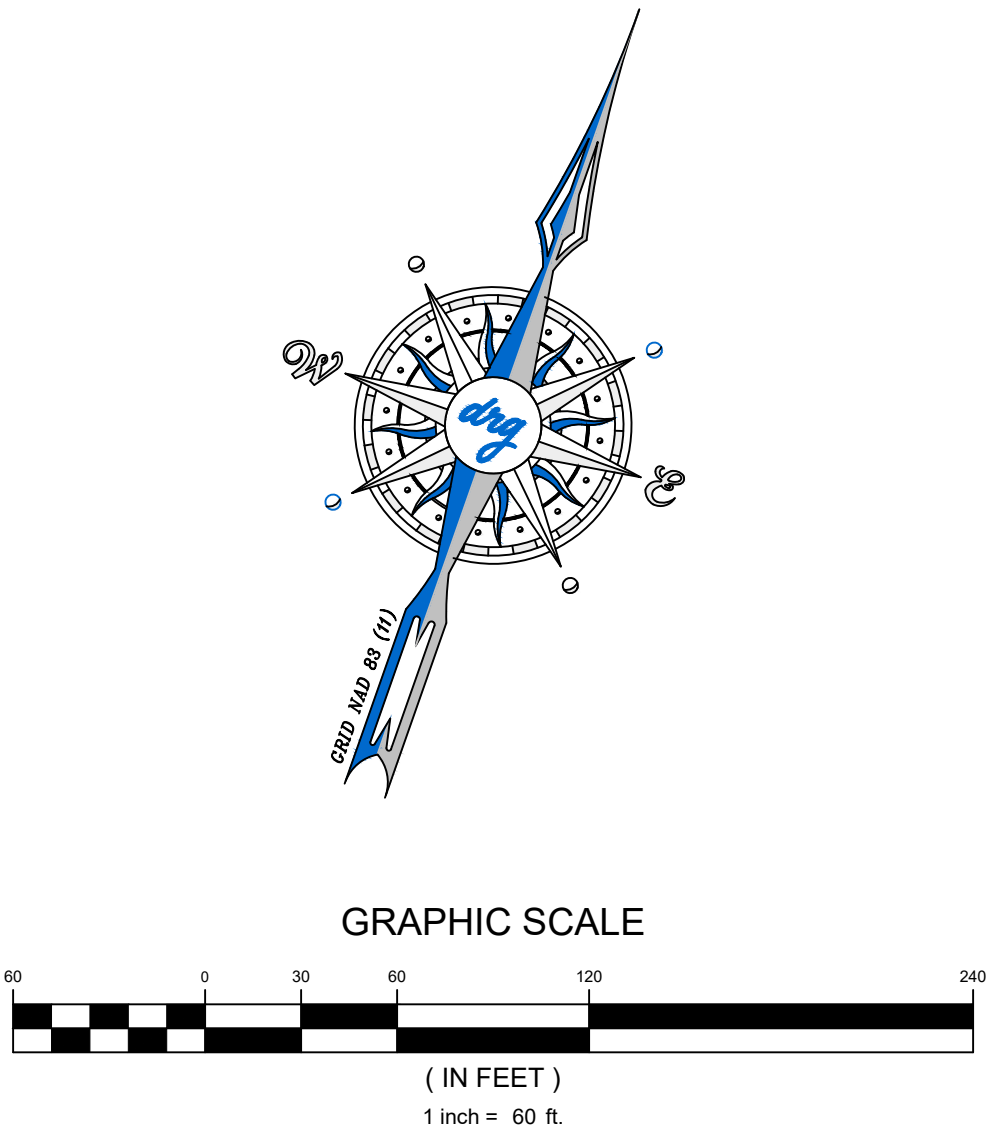
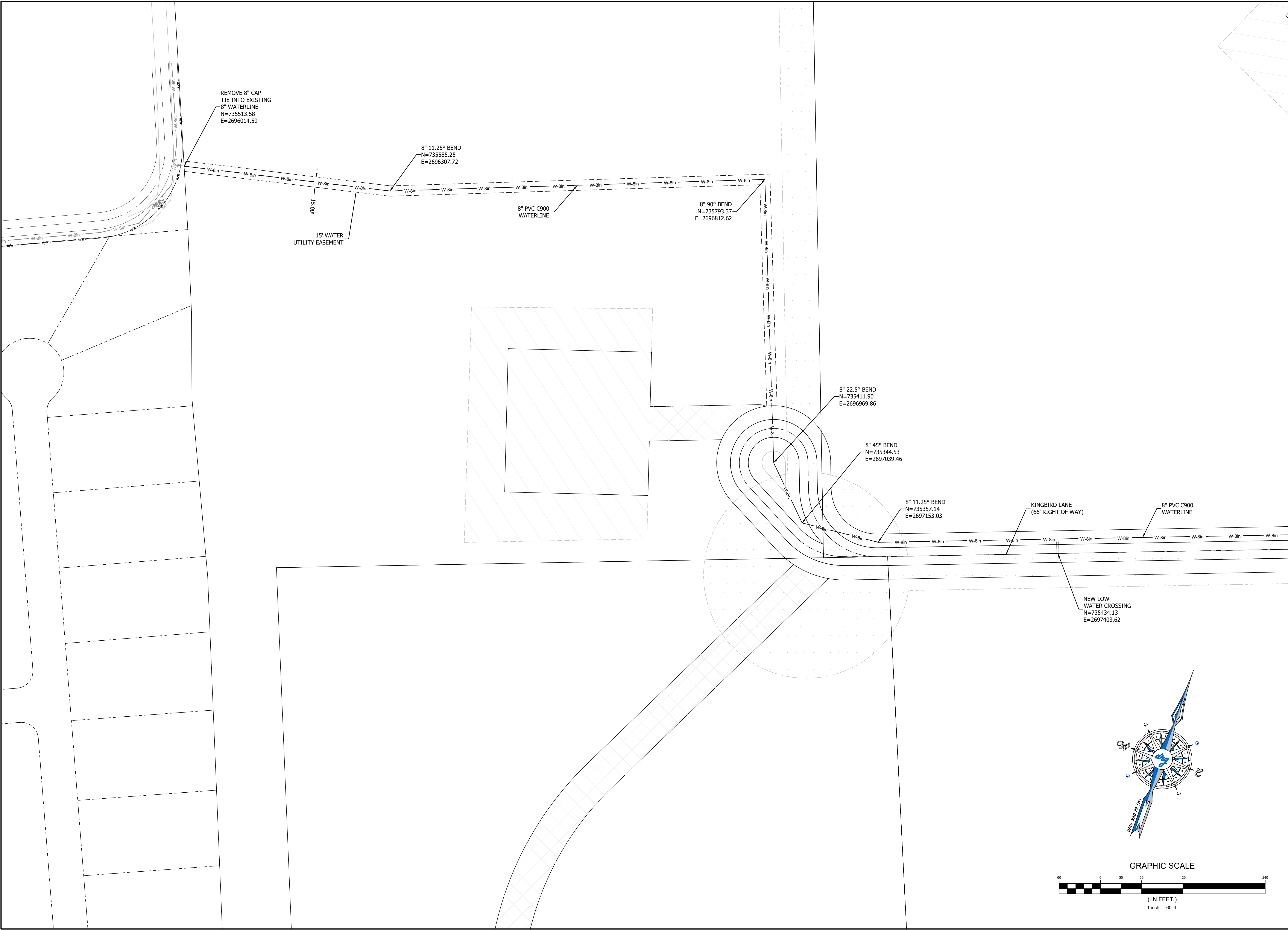
SANDRIDGE - FARMHOUSE

**30% PLANS
NOT FOR
CONSTRUCTION**

PREPARED FOR:
ECOVEST CAPITAL, INC
3424 PEACHTREE ROAD NE, SUITE 1550
ATLANTA, GA 30326
XXX

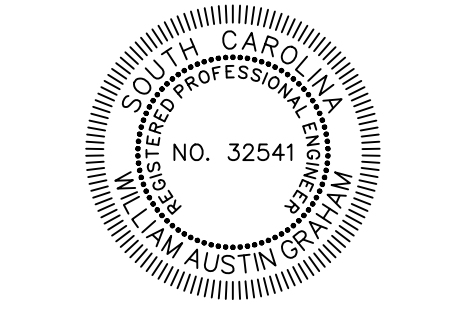
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DRAWN BY:	BJW
CHECKED BY:	WAG
APPROVED BY:	WAG
DATE:	05/04/2021
SHEET NUMBER:	C5.3

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drg

DEVELOPMENT RESOURCE GROUP, LLC
4703 OLEANDER DRIVE
MYRTLE BEACH, SC 29577
843-839-3350 | DRGPLLC.COM



UTILITY PLAN - WEST

SANDRIDGE - FARMHOUSE

**30% PLANS
NOT FOR
CONSTRUCTION**

PREPARED FOR:
ECOVEST CAPITAL, INC
3424 PEACHTREE ROAD NE, SUITE 1550
ATLANTA, GA 30326
XXX

JOB NO:	20153
SCALE:	1" = 60'
DRAWN BY:	BJW
CHECKED BY:	WAG
APPROVED BY:	WAG
DATE:	05/04/2021
SHEET NUMBER:	

C5.4

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PLAN LEGEND

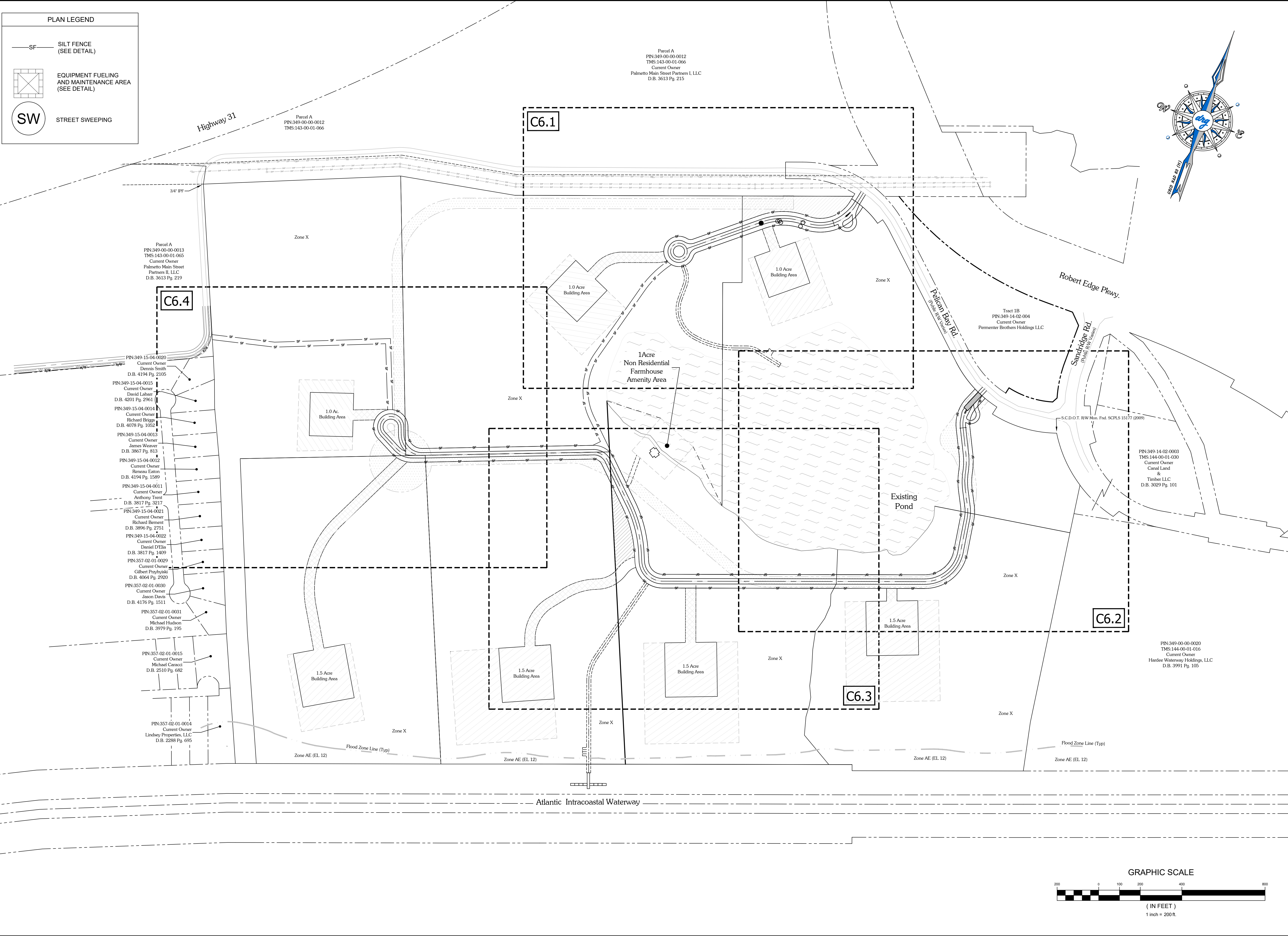
SF

SILT FENCE
(SEE DETAIL)

EQUIPMENT FUELING
AND MAINTENANCE AREA
(SEE DETAIL)

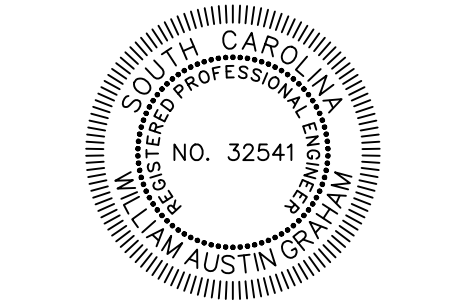
SW

STREET SWEEPING



drg

DEVELOPMENT RESOURCE GROUP, LLC
4703 OLEANDER DRIVE
MYRTLE BEACH, SC 29577
843-839-3350 | DRGPLLC.COM



SEDIMENT & EROSION - OVERALL

SANDRIDGE - FARMHOUSE

30% PLANS
NOT FOR
CONSTRUCTION

PREPARED FOR:
ECOVEST CAPITAL, INC
3424 PEACHTREE ROAD NE, SUITE 1550
ATLANTA, GA 30326
XXX

JOB NO: 20153

SCALE: 1" = 200'

DRAWN BY: BJW

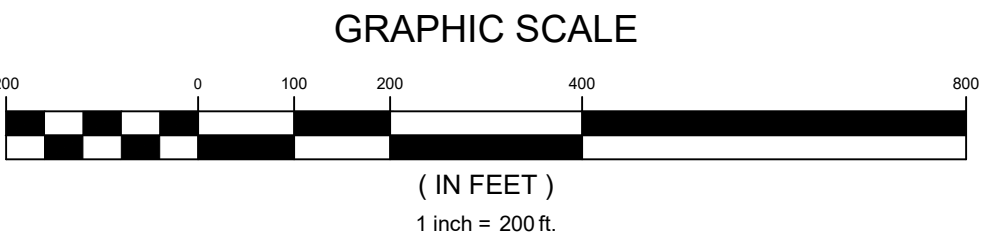
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APPROVED BY: WAG

DATE: 05/04/2021

SHEET NUMBER:

C6.0



P:\20153 - ECOVEST - SANDRIDGE\FARMHOUSE\DESIGN\DRAWINGS\SHEET DRAWINGS\20153 FARMHOUSE-EROSION.DWG 5/4/2021 1:24 PM

PLAN LEGEND

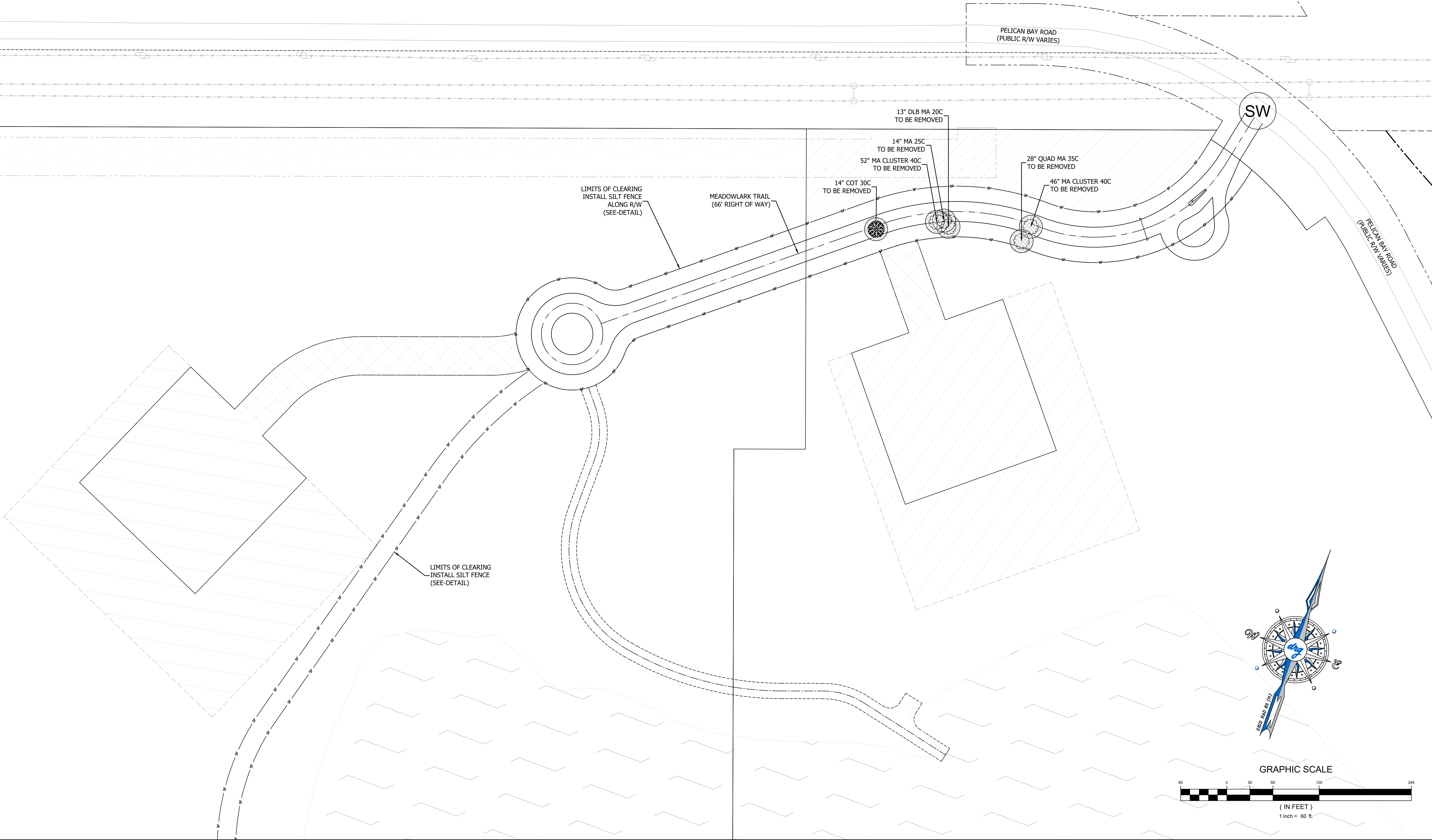
SF

SILT FENCE
(SEE DETAIL)

EQUIPMENT FUELING
AND MAINTENANCE AREA
(SEE DETAIL)

SW

STREET SWEEPING



DEVELOPMENT RESOURCE GROUP, LLC
4703 OLEANDER DRIVE
MYRTLE BEACH, SC 29577
843-839-3350 | DRGPLLC.COM

SEDIMENT & EROSION - NORTH

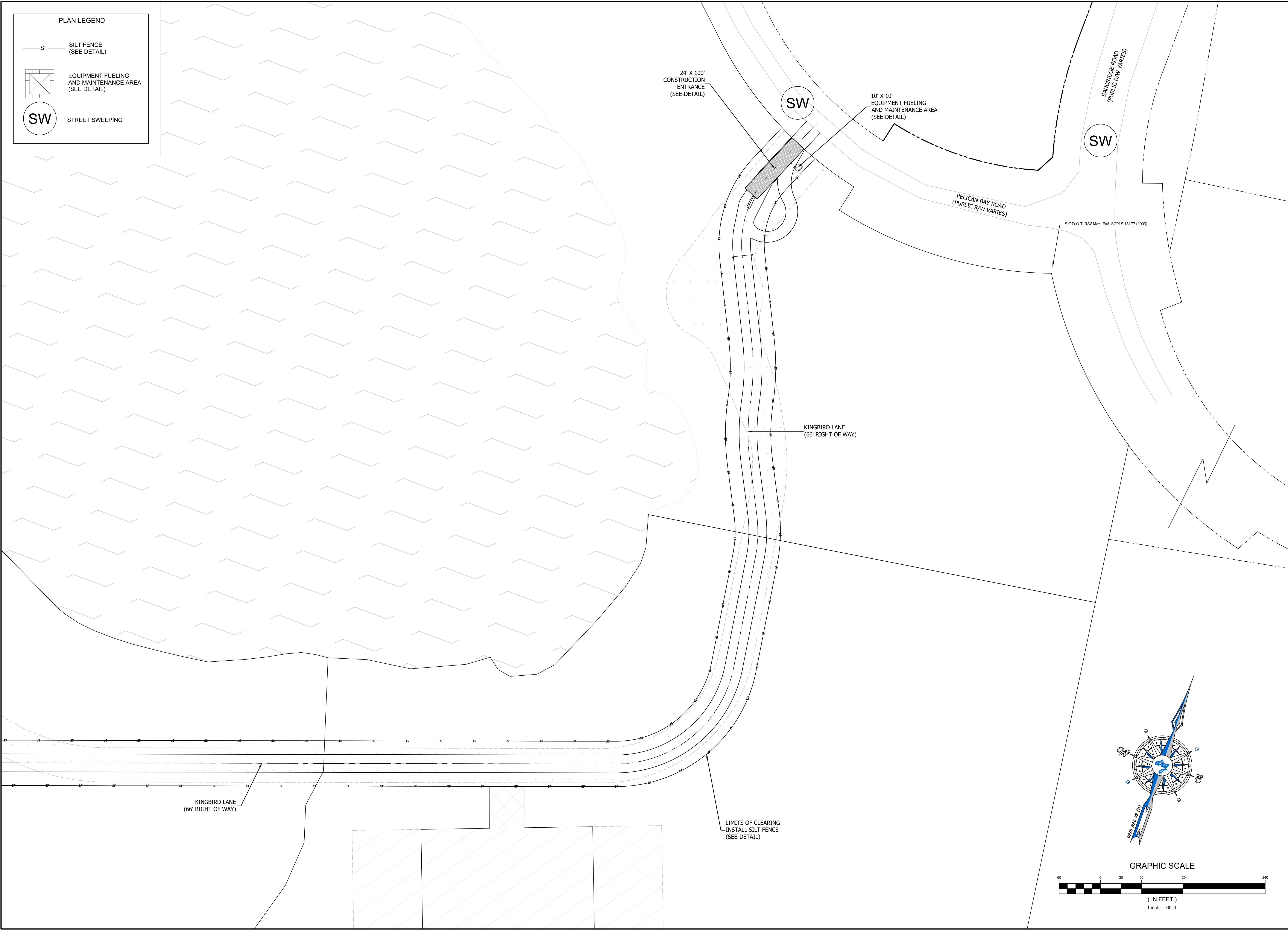
SANDRIDGE - FARMHOUSE

30% PLANS
NOT FOR
CONSTRUCTION

PREPARED FOR:
ECOVEST CAPITAL, INC
3424 PEACHTREE ROAD NE, SUITE 1550
ATLANTA, GA 30326
XXX

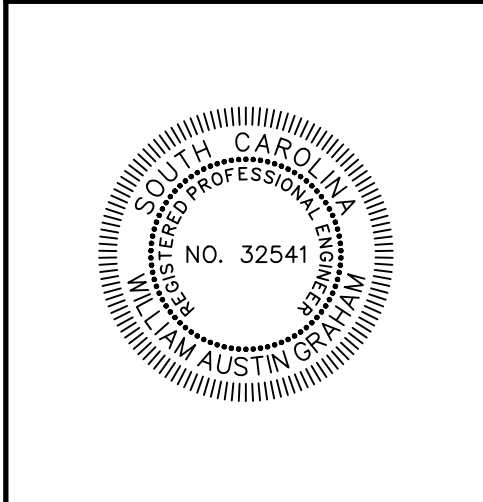
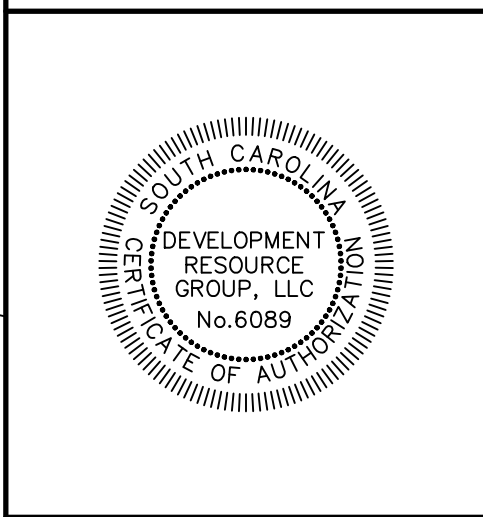
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drg

DEVELOPMENT RESOURCE GROUP, LLC
4703 OLEANDER DRIVE
MYRTLE BEACH, SC 29577
843-839-3350 | DRGPLLC.COM



SEDIMENT & EROSION - EAST

SANDRIDGE - FARMHOUSE

**30% PLANS
NOT FOR
CONSTRUCTION**

PREPARED FOR:
ECOVEST CAPITAL, INC
3424 PEACHTREE ROAD NE, SUITE 1550
ATLANTA, GA 30326
XXX

JOB NO: 20153

SCALE: 1" = 60'

DRAWN BY: BJW

CHECKED BY: WAG

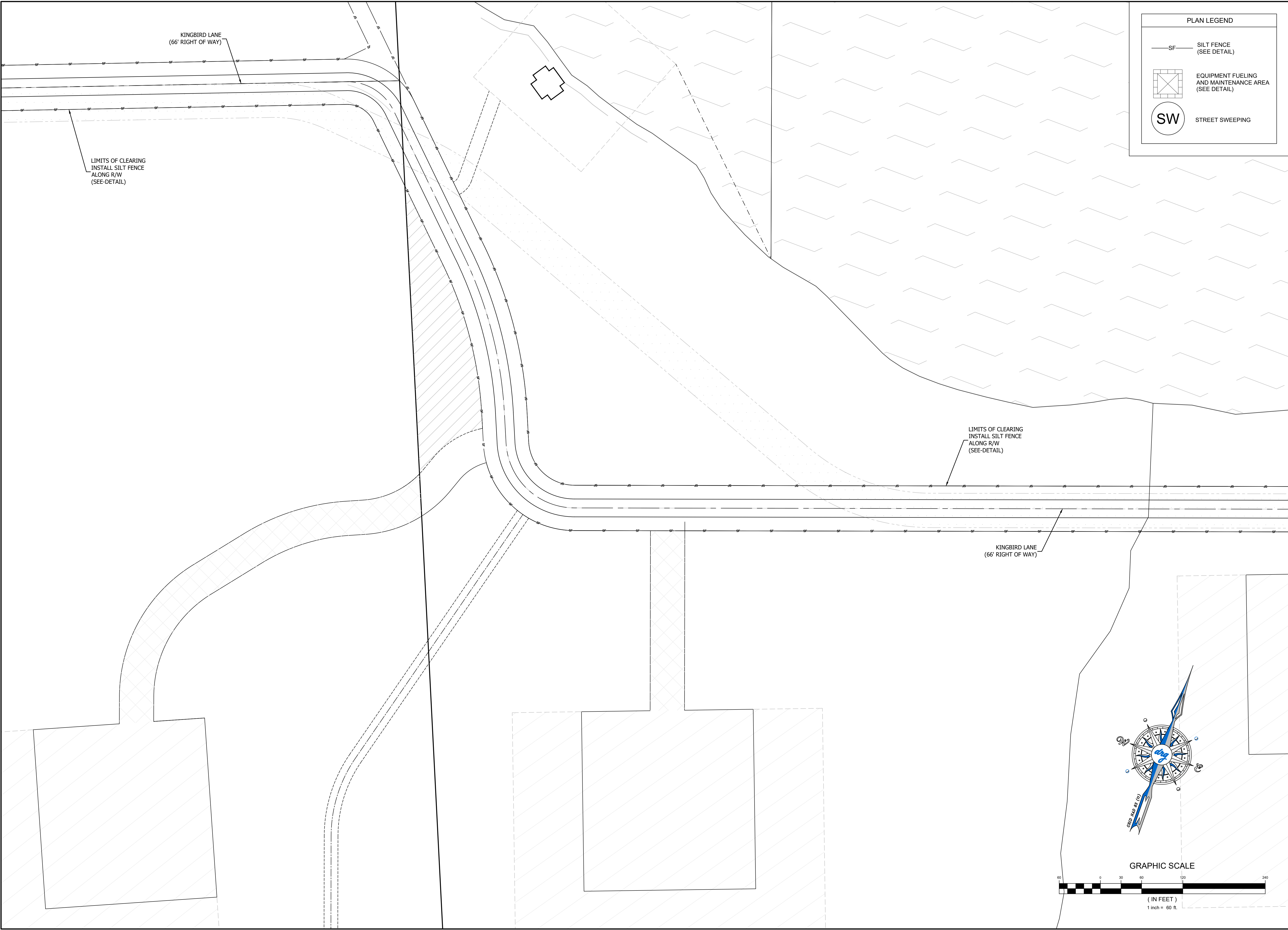
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DATE: 05/04/2021

SHEET NUMBER:

C6.2

P:\20153 - ECOVEST - SANDRIDGE\FARMHOUSE\DESIGN\DRAWINGS\SHEET DRAWINGS\20153 FARMHOUSE-EROSION.DWG 5/4/2021 1:24 PM



PLAN LEGEND

- SF SILT FENCE (SEE DETAIL)
- EQUIPMENT FUELING AND MAINTENANCE AREA (SEE DETAIL)
- SW STREET SWEEPING

drq

DEVELOPMENT RESOURCE GROUP, LLC
4703 OLEANDER DRIVE
MYRTLE BEACH, SC 29577
843-839-3350 | DRGPLLC.COM



SEDIMENT & EROSION - SOUTH

SANDRIDGE - FARMHOUSE

**30% PLANS
NOT FOR
CONSTRUCTION**

PREPARED FOR:
ECOVEST CAPITAL, INC
3424 PEACHTREE ROAD NE, SUITE 1550
ATLANTA, GA 30326
XXX

GRAPHIC SCALE

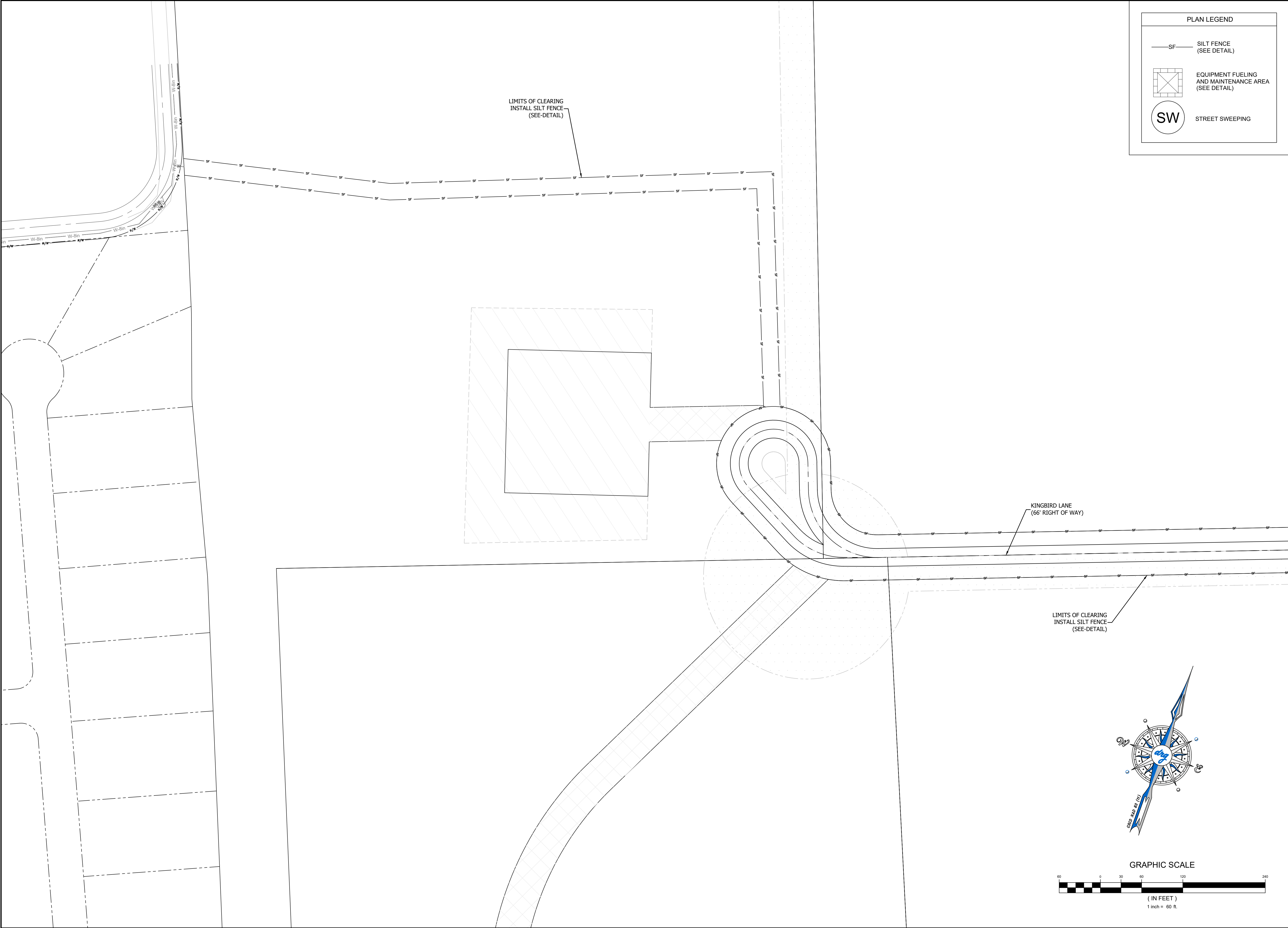
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(IN FEET)
1 inch = 60 ft.

North Arrow

JOB NO:	20153
SCALE:	1" = 60'
DRAWN BY:	BJW
CHECKED BY:	WAG
APPROVED BY:	WAG
DATE:	05/04/2021
SHEET NUMBER:	

C6.3

P:\20153 - ECOVEST - SANDRIDGE\FARMHOUSE\DESIGN\DRAWINGS\SHEET DRAWINGS\20153 FARMHOUSE-EROSION.DWG 5/4/2021 1:24 PM



PLAN LEGEND

SF SILT FENCE (SEE DETAIL)

EQUIPMENT FUELING AND MAINTENANCE AREA (SEE DETAIL)

SW STREET SWEEPING

drg

DEVELOPMENT RESOURCE GROUP, LLC
4703 OLEANDER DRIVE
MYRTLE BEACH, SC 29577
843-839-3350 | DRGPLLC.COM

SOUTH CAROLINA
DEVELOPMENT
RESOURCE
GROUP, LLC
No. 6069
STATE OF AUTOMATIC
RENEWAL

SOUTH CAROLINA
REGISTERED PROFESSIONAL
ENGINEER
NO. 32541
AUSTIN GRAYMAN

SEDIMENT & EROSION - WEST

SANDRIDGE - FARMHOUSE

30% PLANS
NOT FOR
CONSTRUCTION

PREPARED FOR:
ECOVEST CAPITAL, INC
3424 PEACHTREE ROAD NE, SUITE 1550
ATLANTA, GA 30326
XXX

JOB NO: 20153

SCALE: 1" = 60'

DRAWN BY: BJW

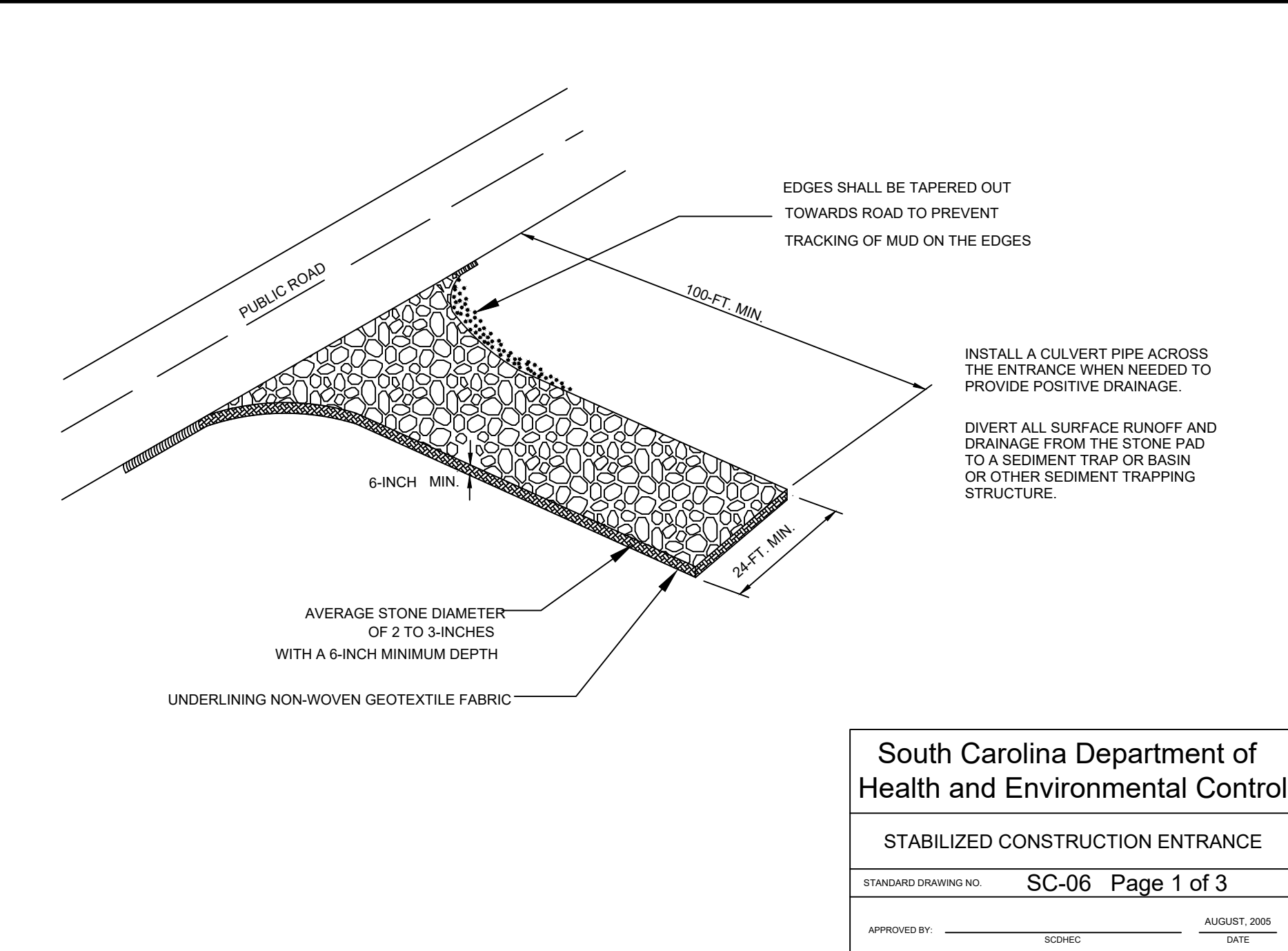
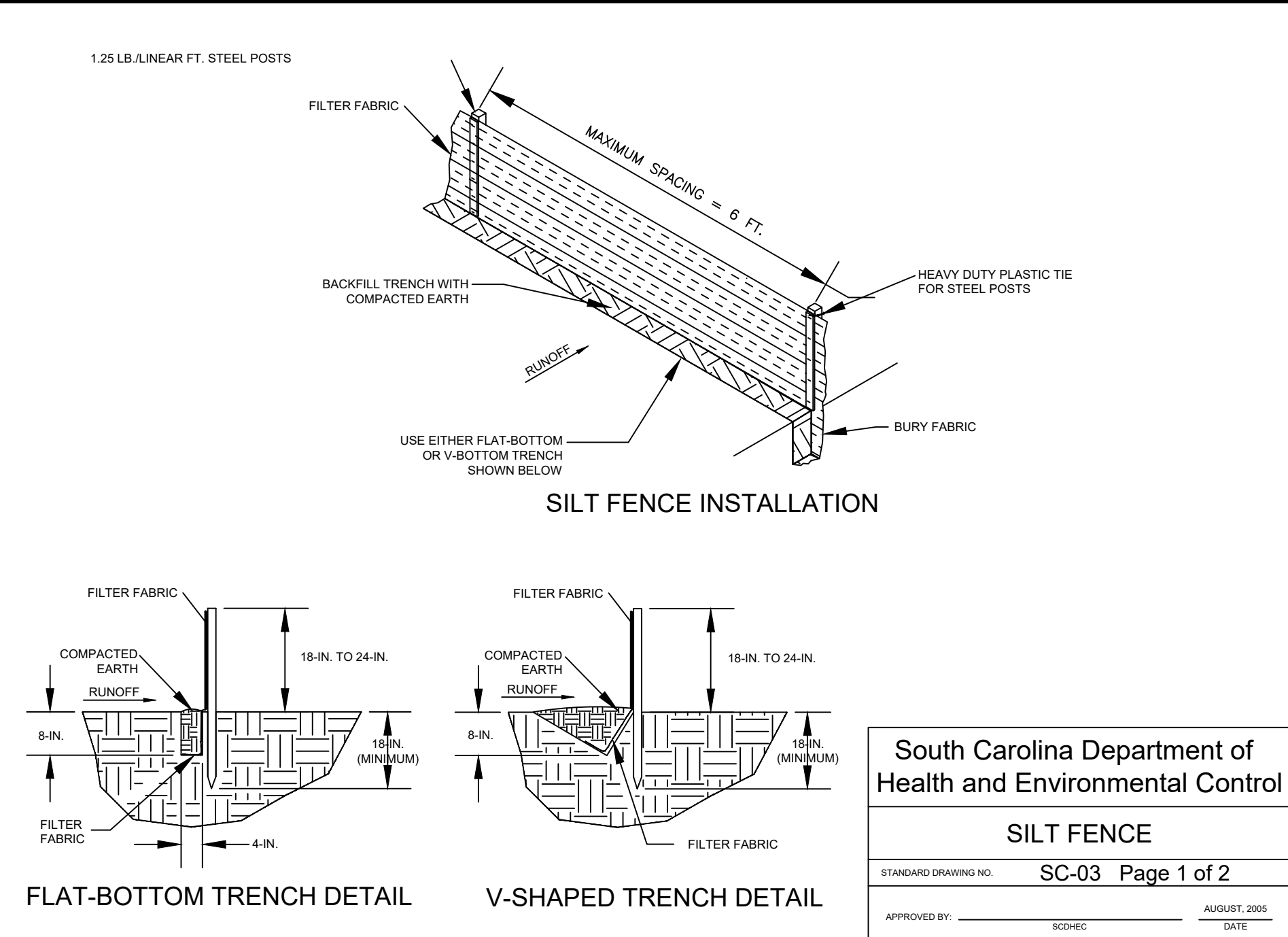
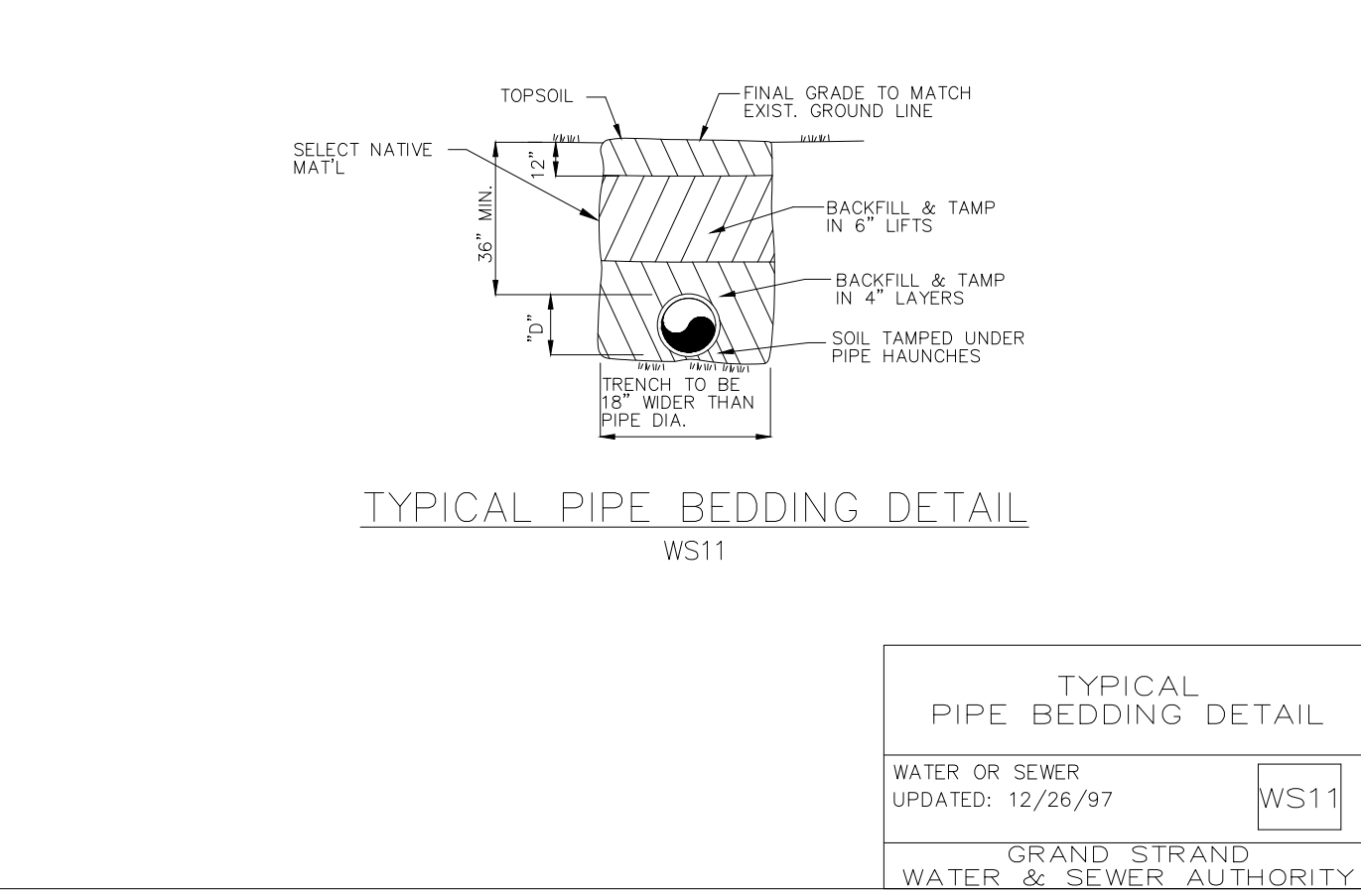
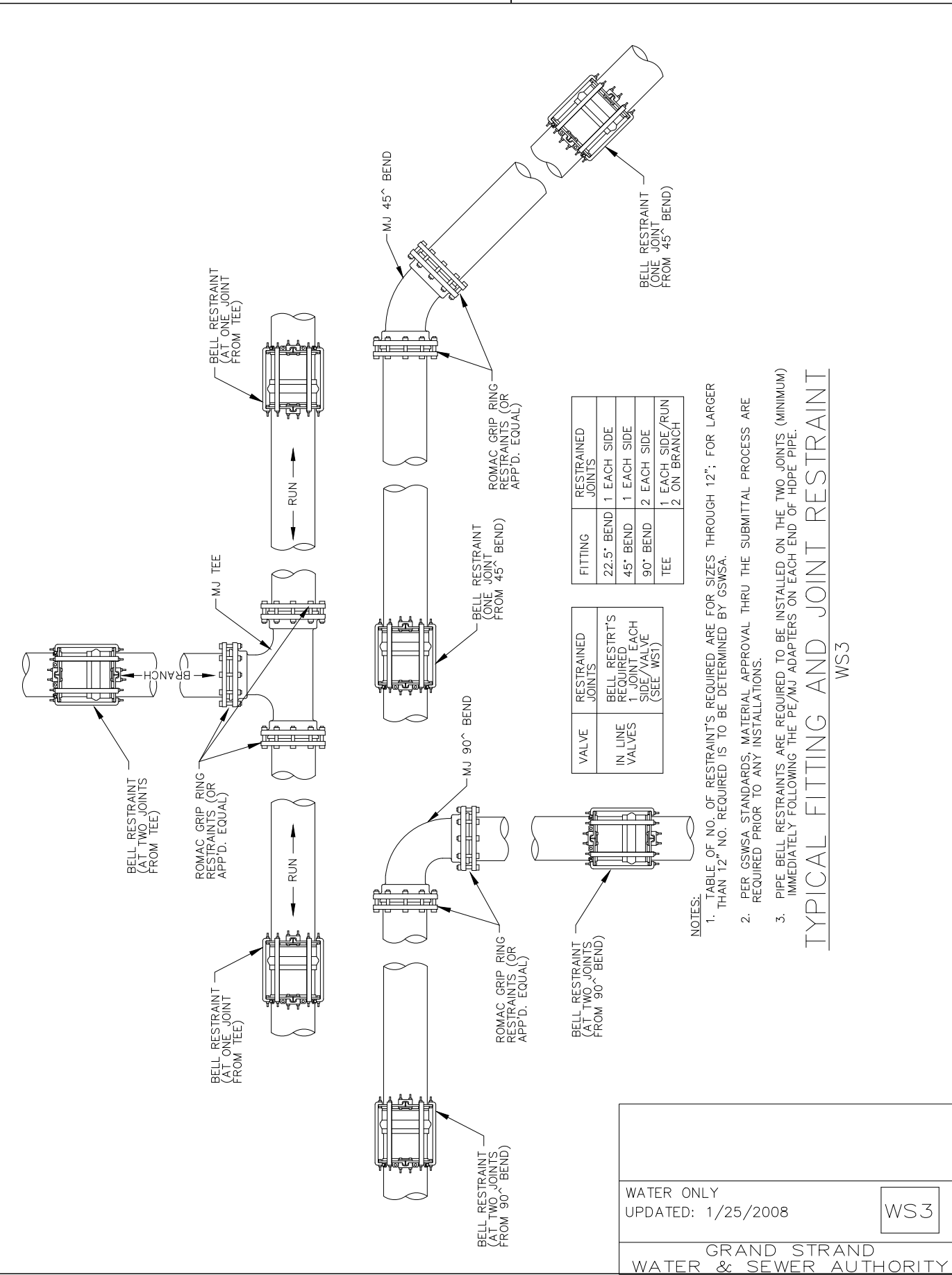
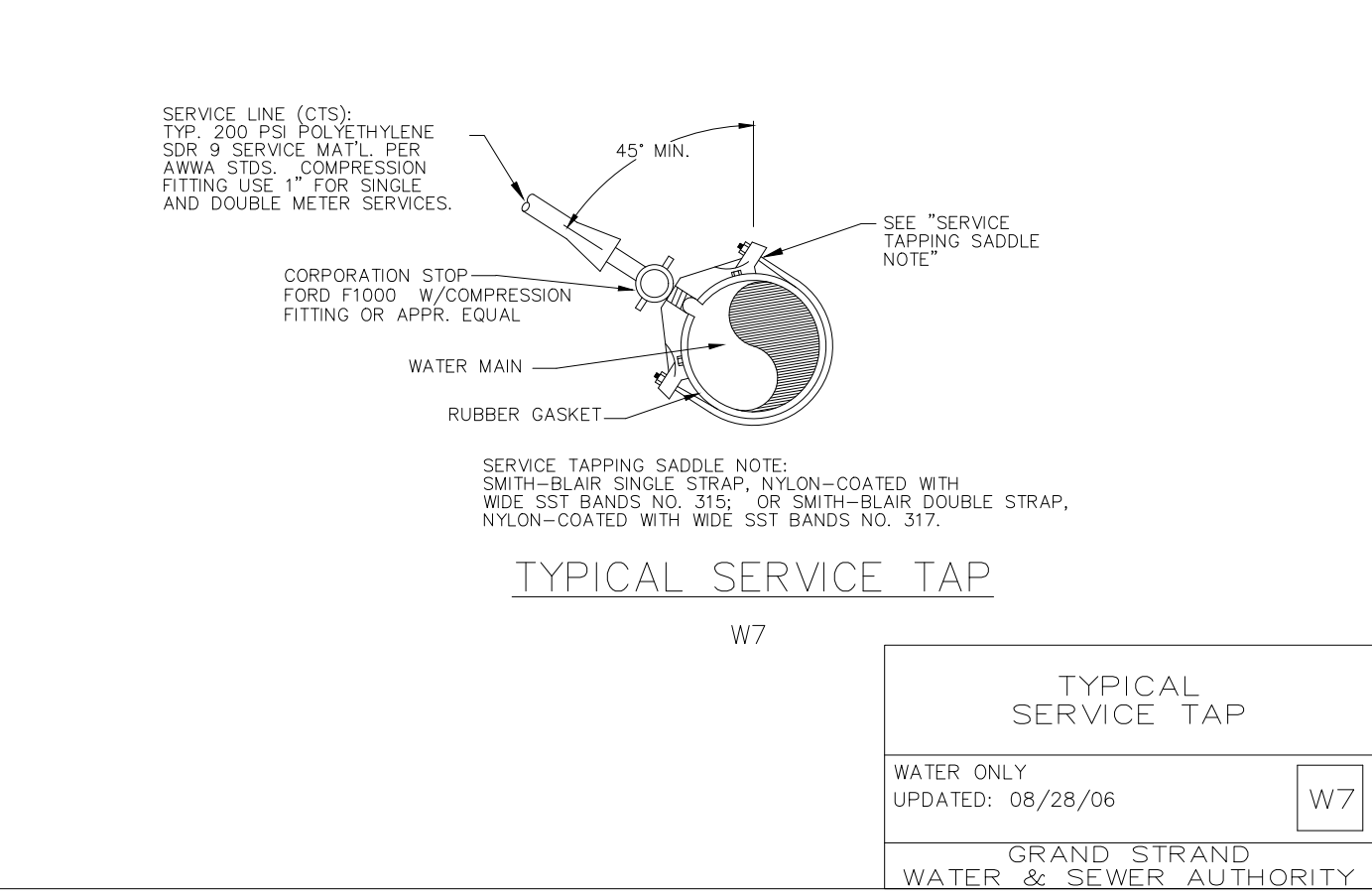
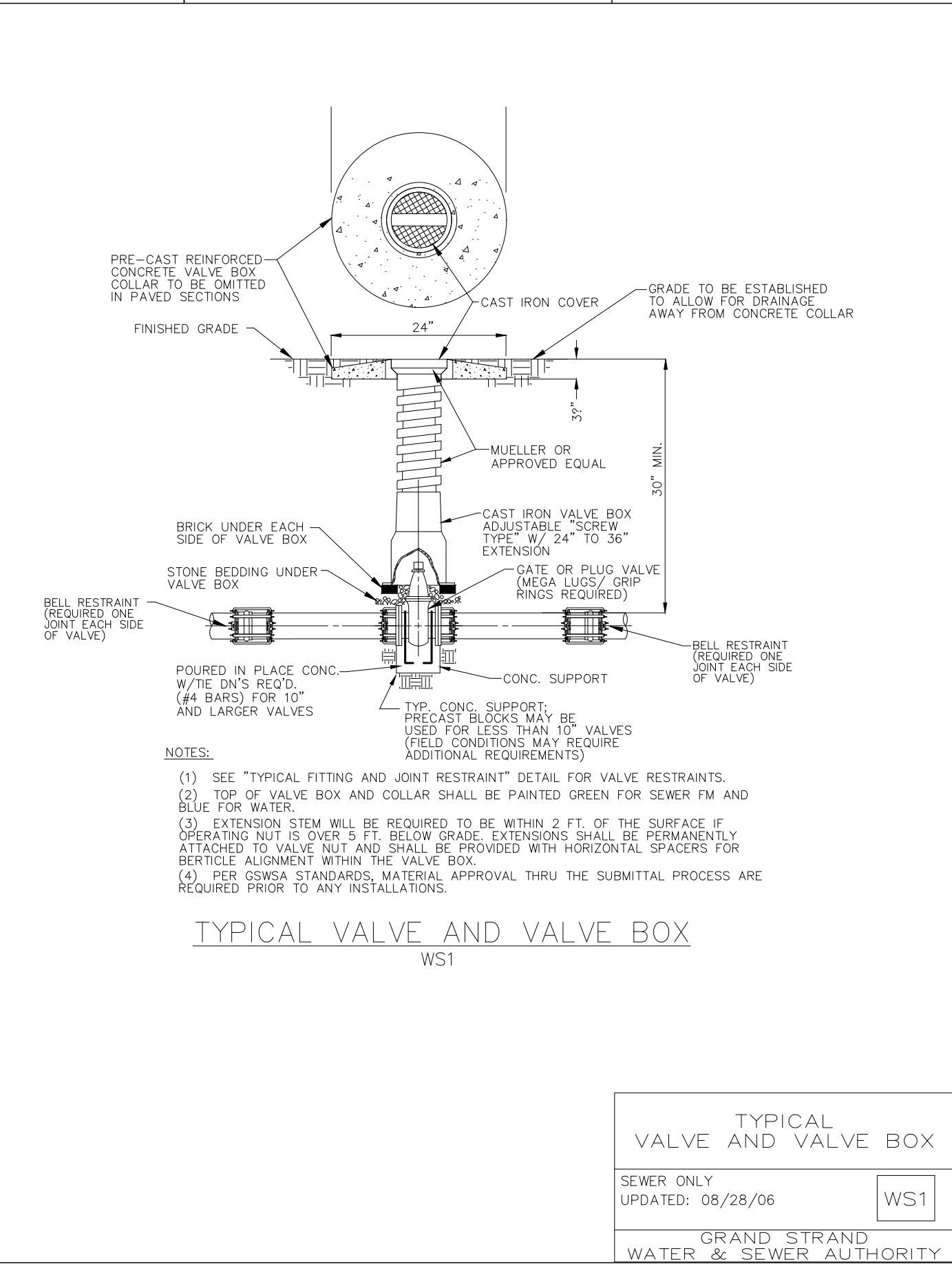
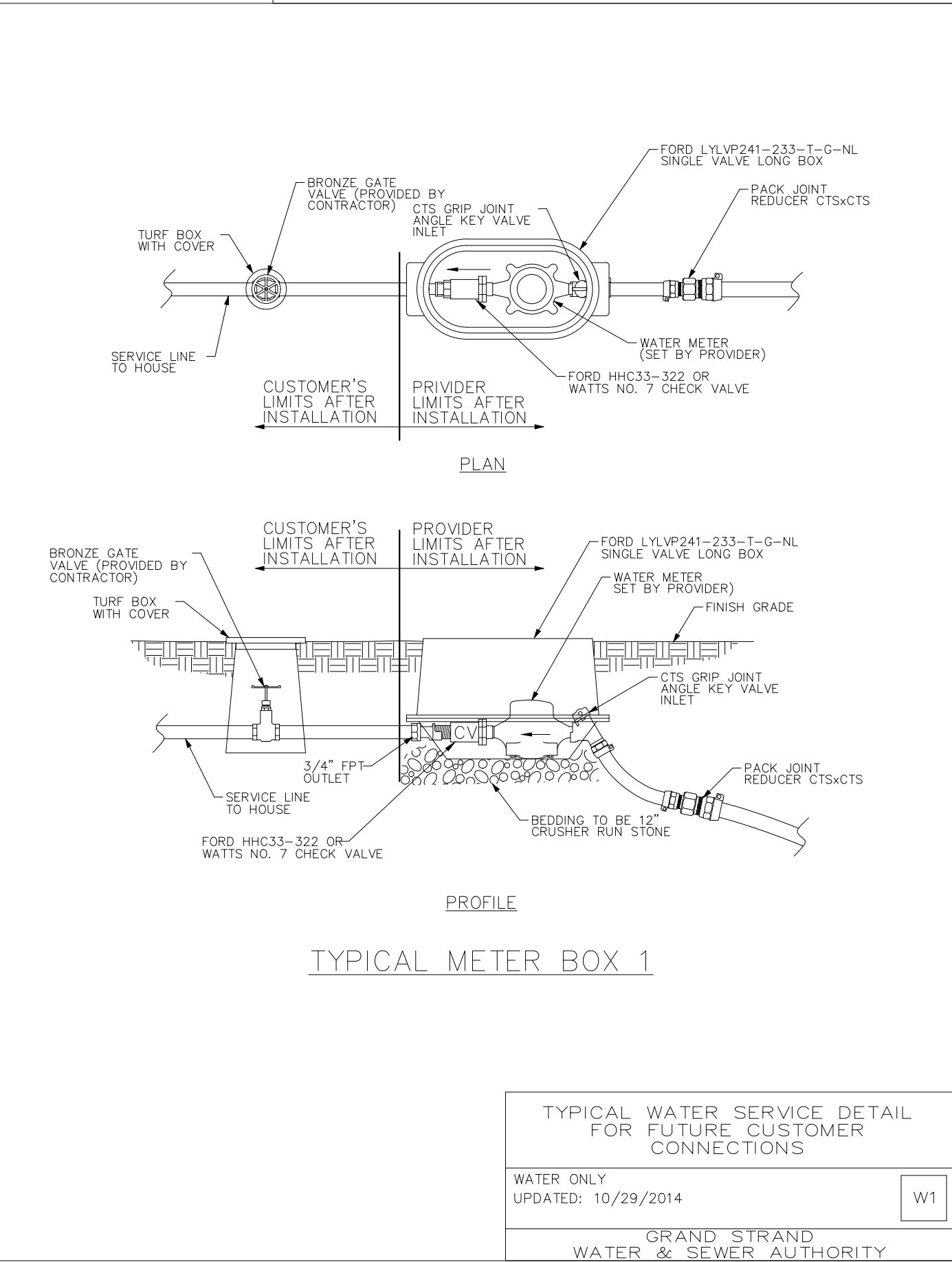
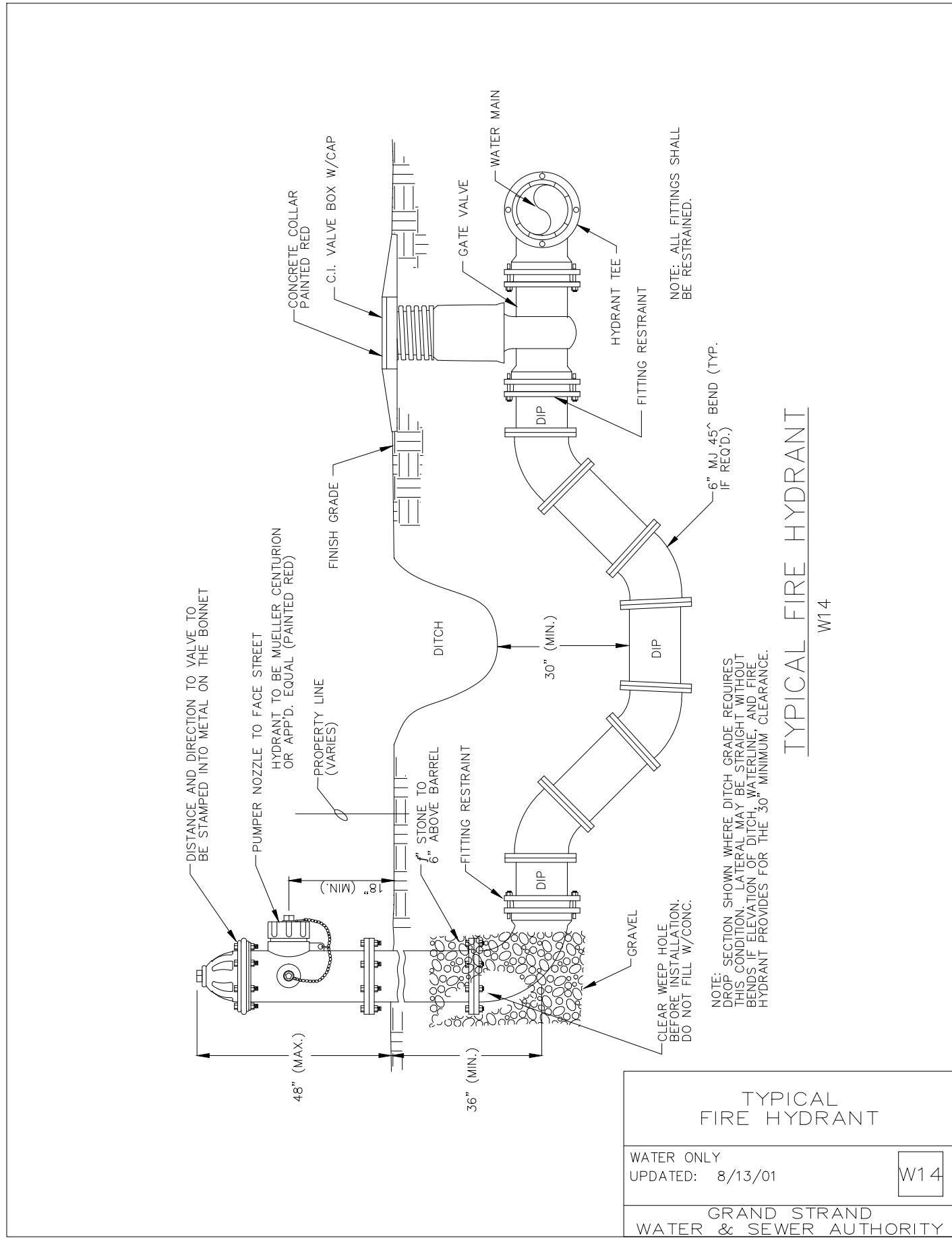
CHECKED BY: WAG

APPROVED BY: WAG

DATE: 05/04/2021

SHEET NUMBER:

C6.4



DEVELOPMENT RESOURCE GROUP, LLC
4703 OLEANDER DRIVE
MYRTLE BEACH, SC 29577
843-839-3350 | DRGPLLC.COM

South Carolina Department of Health and Environmental Control
Professional Engineer
No. 32541

SANDRIDGE - FARMHOUSE

DETAILS - 1

30% PLANS
NOT FOR CONSTRUCTION

PREPARED FOR:
ECOVEST CAPITAL, INC
3424 PEACHTREE ROAD NE, SUITE 1550
ATLANTA, GA 30326
XXX

JOB NO: 20153

SCALE: NTS

DRAWN BY: BJW

CHECKED BY: WAG

APPROVED BY: WAG

DATE: 05/04/2021

SHEET NUMBER:

C7.0

