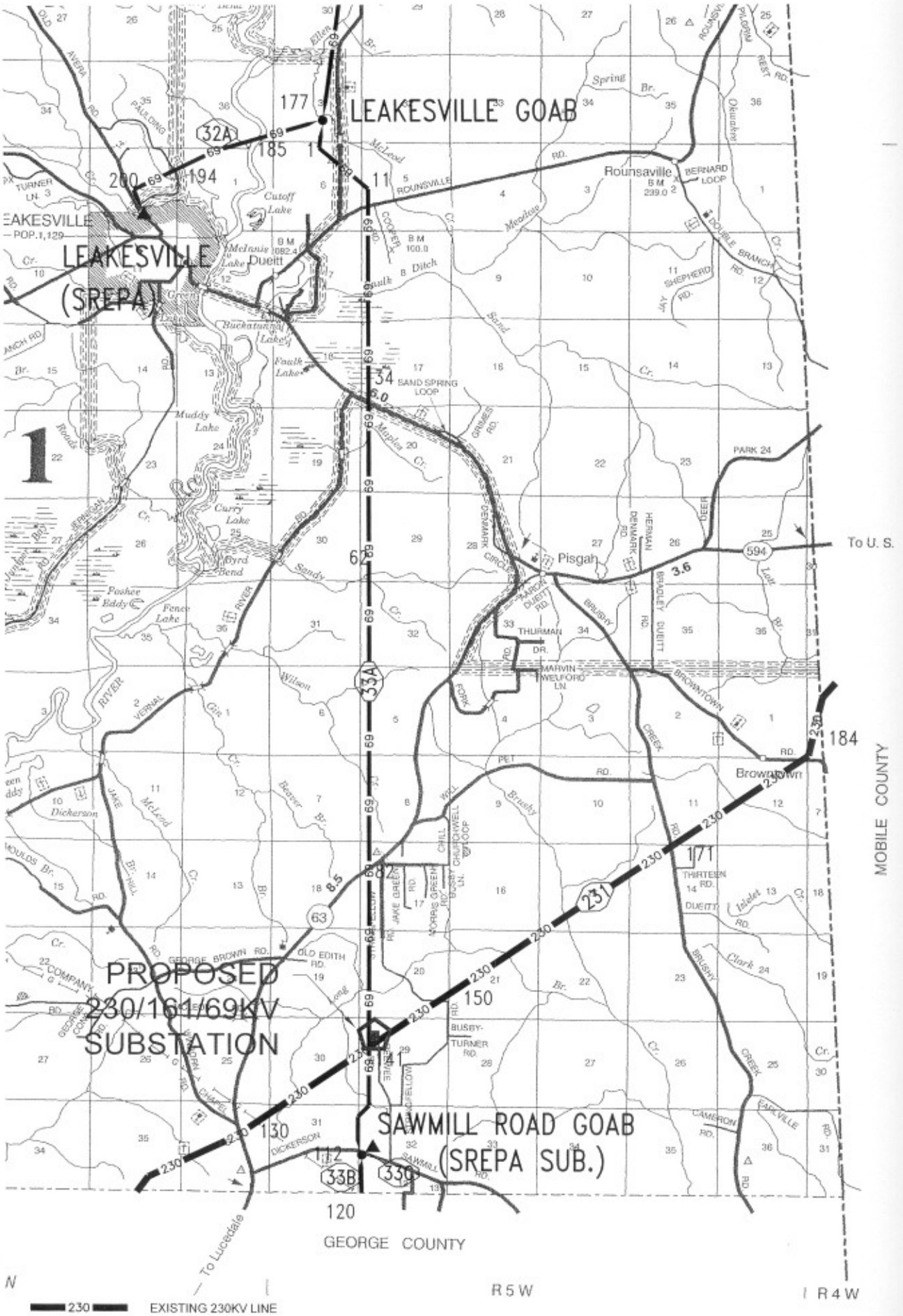
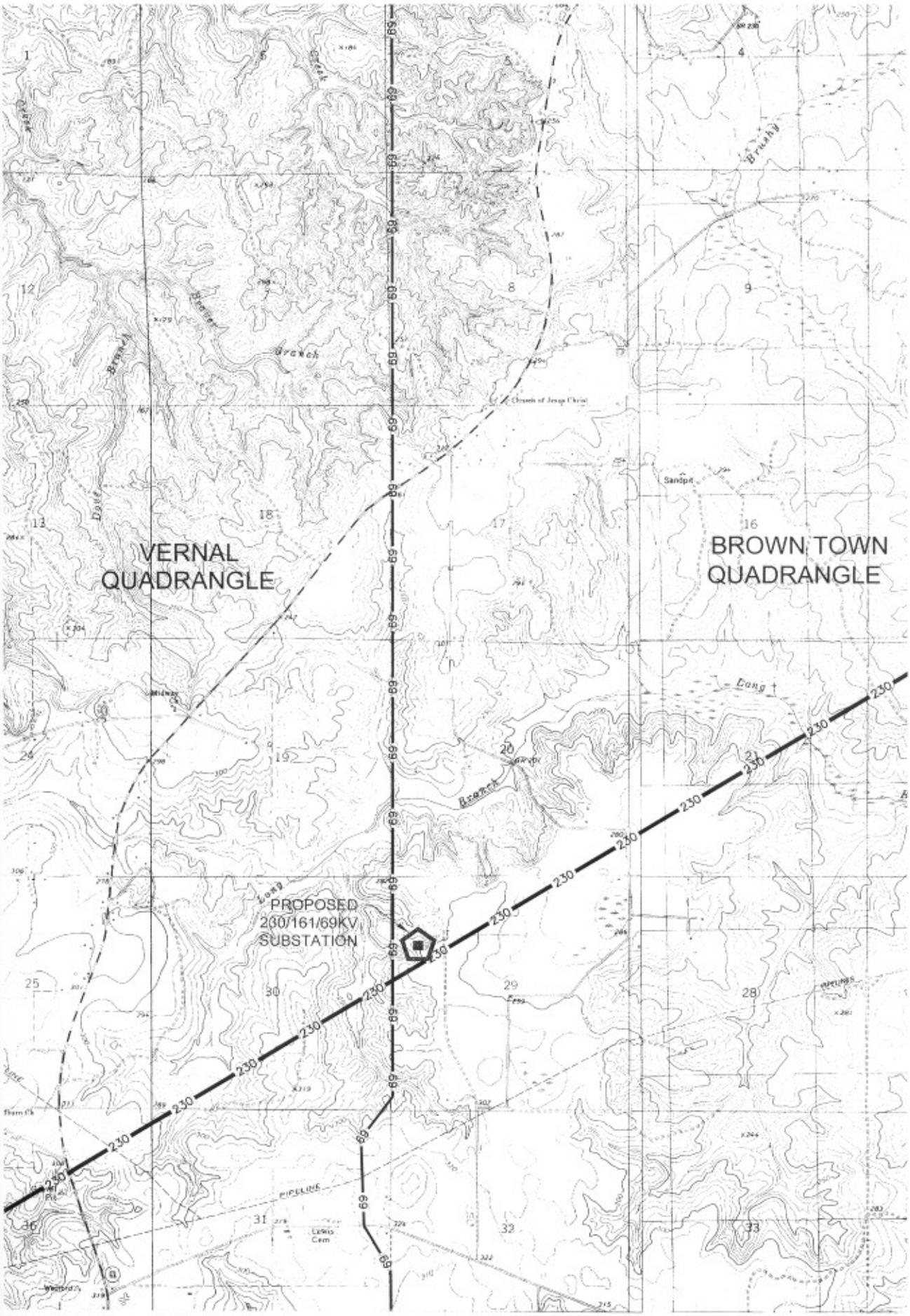


230 EXISTING 230KV LINE

69 EXISTING 69KV LINE

PROPOSED 230/161/69KV SUBSTATION

GREENE COUNTY, MISSISSIPPI
SCALE: 1" = 1 MILE



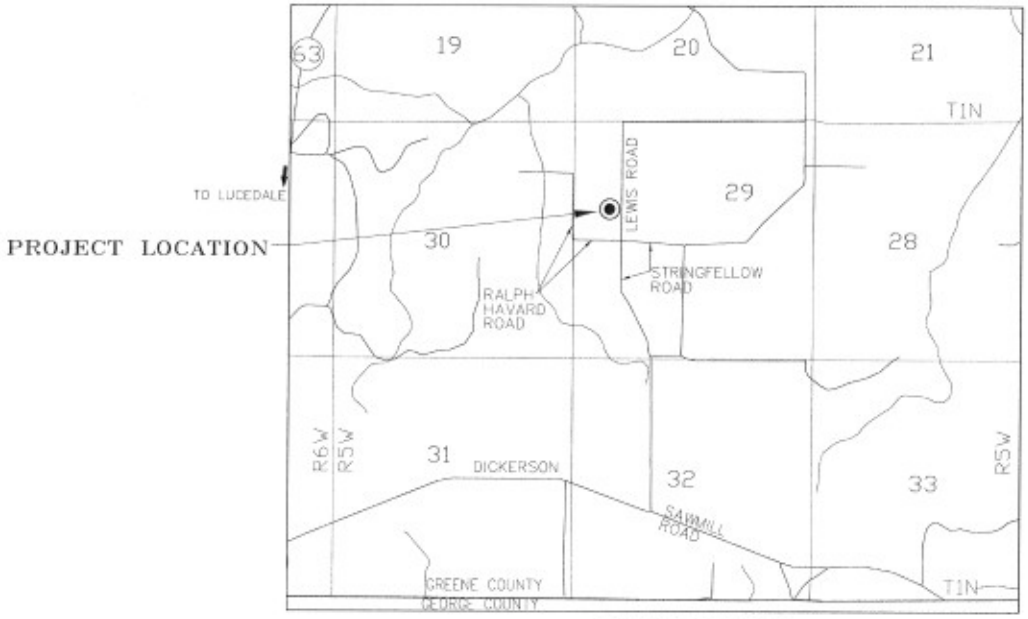
230 EXISTING 230KV LINE

69 EXISTING 69KV LINE

PROPOSED 230/161/69KV SUBSTATION

U.S.G.S. VERNAL QUADRANGLE
GREENE COUNTY, MISSISSIPPI
SCALE: 1" = 2000'

SITE DEVELOPMENT PLAN
SOUTHEAST GREENE SUBSTATION SITE
FOR
SOUTH MISSISSIPPI ELECTRIC POWER ASSOCIATION
LOCATION
GREENE COUNTY, MISSISSIPPI



LOCATION MAP

1" = 1300'

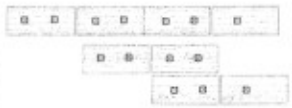
APPROVED BY: DATE:

THE WALKER ASSOCIATES
ENGINEERS PLANNERS DESIGNERS, PLLC

SITE PLAN
SOUTHEAST GREENE SUBSTATION SITE

GENERAL NOTES

1. THE TOPSOIL IN THE AREA OF THE PROPOSED PADS AND ROADWAYS SHALL BE STRIPPED, STOCKPILED, AND REUSED WHERE NEEDED. THE COST TO BE ABSORBED IN CLEARING AND GRUBBING.
2. ANY EXCESS OR UNSUITABLE EXCAVATED MATERIAL SHALL BE REMOVED FROM THE SITE AND DISPOSED OF IN A LEGAL MANNER. COST TO BE ABSORBED IN UNCLASSIFIED EXCAVATION.
3. HAY BALE DITCH CHECKS AND SILT FENCES SHALL BE REQUIRED AROUND ALL FILL AREAS DURING CONSTRUCTION. AT NO POINT DURING CONSTRUCTION WILL IT BE ACCEPTABLE FOR ANY SILT OR OTHER MATERIAL TO BE WASHED ONTO ADJACENT PROPERTIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING ANY SILT THAT IS ALLOWED TO ACCUMULATE ON ANY ADJACENT PROPERTIES.
4. HAY BALE CHECKS SHALL BE EMBEDDED A MINIMUM OF 3", AND SHALL BE SECURELY STAKED WITH A MINIMUM OF 2 STAKES (2"X2"X36") PER BALE.
5. THE GEOTEXTILE FABRIC USED IN THE TEMPORARY SILT FENCE SHALL BE AS PER THE SPECIFICATIONS. THE POSTS IN THE SILT FENCE SHALL BE SPACED AT A MINIMUM OF 10' O.C. THE SILT FENCE SHALL BE REQUIRED ALONG THE CONSTRUCTION LIMIT LINE AS NOTED ON THE CONSTRUCTION SITE PLAN AND IN AREAS REQUESTED BY THE ENGINEER OR OWNER.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEARING AND GRUBBING THE SITE AS WELL AS THE COUNTY ROAD RIGHT OF WAY INSIDE THE CONSTRUCTION LIMIT LINE. ALL DISTURBED AREAS WILL REQUIRE GRASSING AS PER CONTRACT SPECIFICATIONS.
7. THE SPOT ELEVATIONS NOTED REPRESENT FINISH GRADE. REFER TO THE TYPICAL SECTIONS FOR THE SITE PAD AND ACCESS DRIVE ON SHEET 3 OF 4 FOR STRUCTURE THICKNESSES.
8. DISTURBED AREA = 22.45 ACRES
9. THE CONTRACTOR SHALL SET BLUETOPS ON A 25' GRID OVER THE ENTIRE PAD AND PROVIDE WRITTEN DOCUMENTATION CONFIRMING ACTUAL GRADES SET.
10. THE CONTRACTOR WILL BE RESPONSIBLE FOR PROVIDING A LICENSED SURVEYOR TO LAYOUT THE PROJECT.
11. CHAINLINK FENCE AND GATES TO BE INSTALLED BY OTHERS (NOT PART OF THIS THIS CONTRACT).

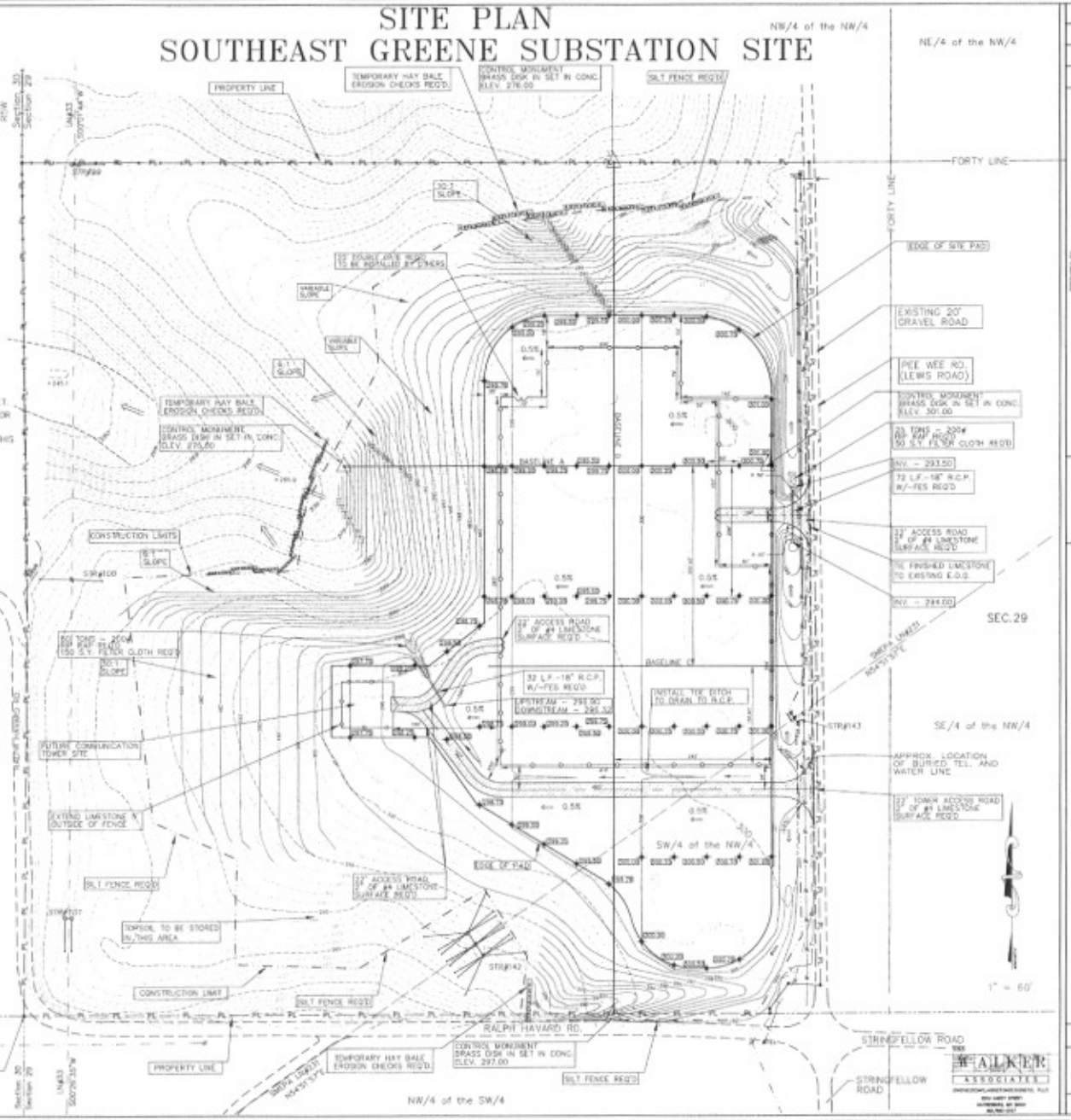


TYPICAL HAY BALE CHECK LAYOUTS

TEMPORARY HAY BALE CHECKS SHALL BE PLACED AT 100' INTERVALS, OR AS NEEDED TO PREVENT EROSION IN DITCH CUTS. EACH HAY BALE SHALL BE PINNED WITH TWO STAKES.

LEGEND

EXISTING CONTOUR	270
FINISHED CONTOUR	270
PROPERTY LINE	PL
SILT FENCE	
EXISTING FENCE LINE	X
PROPOSED CHAIN LINK SECURITY FENCE	
EXISTING ASPHALT ROADWAY	
PROPOSED ACCESS DRIVE	
DRAINAGE FLOW ARROW	
FINISHED SUBGRADE SPOT ELEV.	100.00
EXIST. POWER LINE	PCN
FOUND IRON PIN	
EXIST. POWER POLE	
EXIST. GUY WIRE	
PROPOSED EDGE OF SITE PAD	
CONCRETE CONTROL MONUMENT	B.M.ELEV. 277.35 #4 REBAR IN GROUND



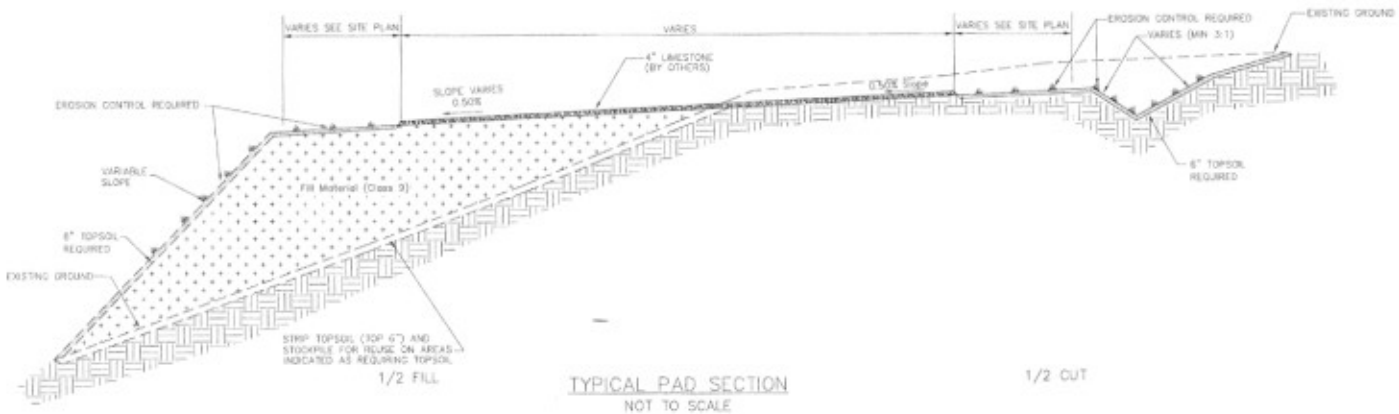
SURVEYED BY	XXXX
DESIGNED BY	N/A
DRAWN BY	B.L.
CHECKED BY	G.H.

PREPARED BY
THE WALKER ASSOCIATES
ENGINEERS ■ PLANNERS ■ DESIGNERS, PLLC
P.O. BOX 16446
2000 HARDY STREET
HATTIESBURG, MISSISSIPPI 39403-1446
601-583-2127

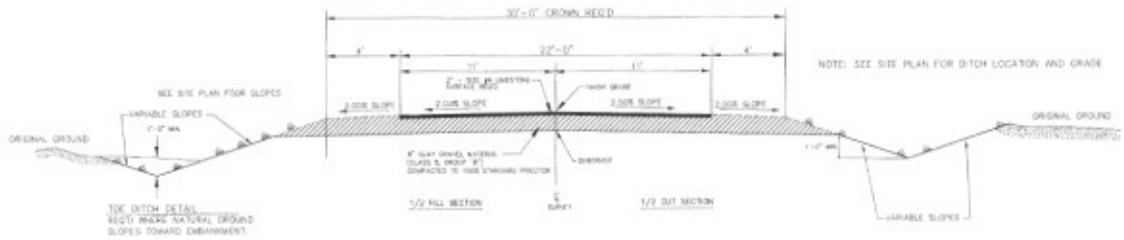
SOUTHEAST GREENE SUBSTATION SITE
GREENE COUNTY, MISSISSIPPI
SOUTH MISSISSIPPI ELECTRIC POWER ASSOCIATION

SERIAL NO. 137-06
SHEET NO. 4 of 4
DRAWING NO. 3417

NOTE: SEE SITE PLAN FOR DITCH LOCATION AND GRADE



TYPICAL PAD SECTION
NOT TO SCALE



TYPICAL SECTION – ACCESS DRIVE
NOT TO SCALE

NOTES:

1. FOR AREAS REQUIRING EITHER A CUT OR A FILL THE TOPSOIL SHALL BE STRIPPED, STOCKPILED, AND REUSED ON THE INDICATED AREAS.
2. THE 4" LIMESTONE SURFACE IS NOT INCLUDED IN THIS CONTRACT. IT SHALL BE PLACED BY OTHERS AFTER COMPLETION OF THIS PROJECT.

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2203 HARDY STREET
HATTIESBURG, MS 39401
601/583-3117

SURVEYED BY	XXXX
DESIGNED BY	N/A
DRAWN BY	B.L.
CHECKED BY	D.H.

THE WALKER ASSOCIATES
ENGINEERS ■ PLANNERS ■ DESIGNERS, PLLC

TYPICAL SECTIONS AND DETIAL SHEET
SOUTHEAST GREENE SUBSTATION SITE
GREENE COUNTY, MISSISSIPPI
SOUTH MISSISSIPPI ELECTRIC POWER ASSOCIATION

SERIAL NO.	137-06
SHEET NO.	3 of 4
DRAWING NO.	3415