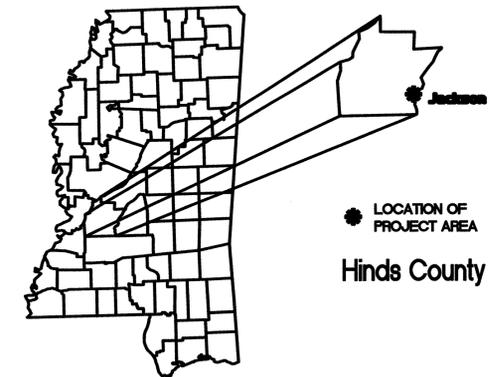


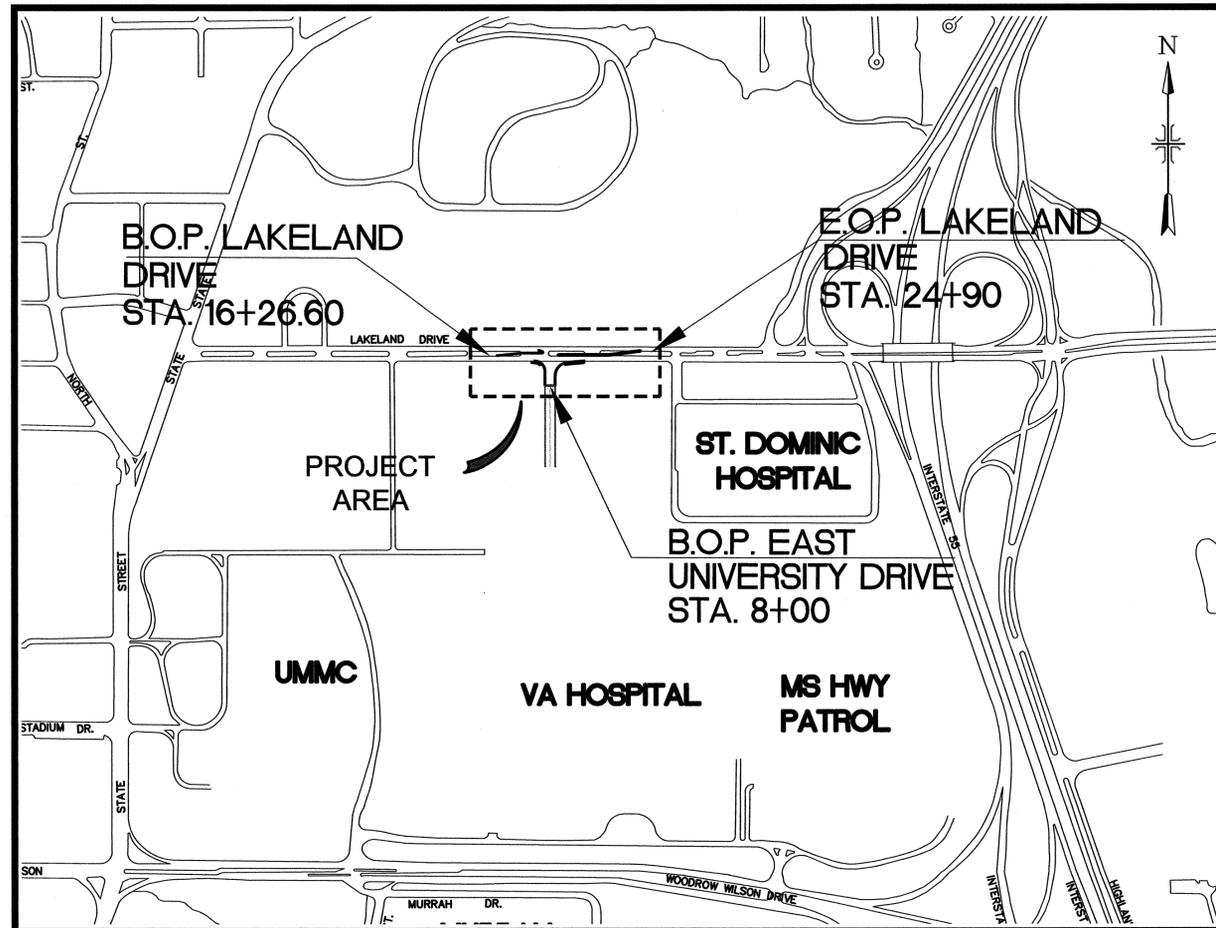
STATE OF MISSISSIPPI
 MISSISSIPPI DEPARTMENT OF TRANSPORTATION
UMMC LAKELAND SIGNAL AND WIDENING PROJECT
JACKSON, MISSISSIPPI HINDS COUNTY
 STATE PROJECT NO. SP-0250-00(001)/106330-301000

LOCATION MAP



PROJECT LOCATION
 LATITUDE = 32°20'02" NORTH
 LONGITUDE = 90°10'05" WEST

SCALES
 PLAN 1 IN. = 20 FT.
 PROFILE HOR. 1 IN. = 20 FT.
 VERT. 1 IN. = 5 FT.
 LAYOUT 1 IN. = 500 FT.



VICINITY MAP

LENGTH DATA (ROADWAY)		LAKELAND DRIVE	
EXCEPTIONS	EQUATIONS	EXCEPTIONS	EQUATIONS
NONE	NONE	NONE	NONE
LENGTH OF ROADWAY (TOTAL)	---	0.16 mi.	
LENGTH OF BRIDGES	---	0.000 mi.	
LENGTH OF ROADWAY PROJECT (NET)	---	0.16 mi.	
LENGTH OF EXCEPTIONS	---	0.000 mi.	
LENGTH OF ROADWAY PROJECT (GROSS)	---	0.16 mi.	

LENGTH DATA (ROADWAY)		EAST UNIVERSITY DRIVE	
EXCEPTIONS	EQUATIONS	EXCEPTIONS	EQUATIONS
NONE	NONE	NONE	NONE
LENGTH OF ROADWAY (TOTAL)	---	0.03 mi.	
LENGTH OF BRIDGES	---	0.000 mi.	
LENGTH OF ROADWAY PROJECT (NET)	---	0.03 mi.	
LENGTH OF EXCEPTIONS	---	0.000 mi.	
LENGTH OF ROADWAY PROJECT (GROSS)	---	0.03 mi.	

DESIGN CONTROL	
40 MPH = V (SPEED DESIGN)	
ADT(2009) = 23,000	ADT(2029) = 41,540
DHV = 2,800	D = 7.0% T = 0.2%

PERMITS ACQUIRED BY MDOT		
WETLANDS AND WATERS PERMITS (NECESSARY FOR ULTIMATE IMPROVEMENTS ONLY):		
	WATERS	WETLANDS
NATIONWIDE #14	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
NATIONWIDE (OTHER)*	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
GENERAL*	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
INDIVIDUAL (404)*	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

* ACQUISITION OF PERMITS FOR TEMPORARY IMPACTS DURING CONSTRUCTION ARE THE RESPONSIBILITY OF THE CONTRACTOR	
STORMWATER PERMIT <input checked="" type="checkbox"/>	
Y	REQUIRED, CNOT SUBMITTED BY MDOT (DISTRIBUTED AREA > 5 ACRES)
S	REQUIRED, SNOI TO BE SUBMITTED BY CONTRACTOR (1 TO 4.99 ACRES)
N	NO STORMWATER PERMIT REQUIRED (<1 ACRE)
APPROVED BY: <i>[Signature]</i>	DATE: 2/23/12

APPROVED:	
BY <i>[Signature]</i>	2/23/12
CHIEF ENGINEER	DATE
BY <i>[Signature]</i>	2/23/12
EXECUTIVE DIRECTOR	DATE
MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
APPROVED:	
DIVISION ADMINISTRATOR	DATE
FEDERAL HIGHWAY ADMINISTRATION DEPARTMENT OF TRANSPORTATION	

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
TITLE SHEET	G0.0	1
DETAILED INDEX	A-DI-1	2
GENERAL NOTES	A-GN-1	3
TYPICAL SECTIONS (4 SHEETS)		
TYPICAL SECTIONS	A-TS-1	4
TYPICAL SECTIONS	A-TS-2	5
TYPICAL SECTIONS	A-TS-3	5A
TYPICAL SECTIONS	A-TS-4	5B
QUANTITIES (3 SHEETS)		
SUMMARY OF QUANTITIES	A-SUM-1	6
SUMMARY OF QUANTITIES	A-SUM-2	7
SUMMARY OF DRAINAGE QUANTITIES	A-SUM-3	8
EXISTING CONDITIONS (2 SHEETS)		
EXISTING CONDITIONS STA. 14+00 TO STA. 20+00	EX-1	9
EXISTING CONDITIONS STA. 20+00 TO STA. 26+00	EX-2	10
DEMOLITION PLANS (2 SHEETS)		
DEMOLITION PLAN STA. 14+00 TO STA. 20+00	DM-1	11
DEMOLITION PLAN STA. 20+00 TO STA. 26+00	DM-2	12
DESIGN PLANS (7 SHEETS)		
PLAN PROFILE PROJECT A	A-PP-1	13
PROPOSED LAYOUT STA. 14+00 TO STA. 20+00	A-PL-1	14
PROPOSED LAYOUT STA. 20+00 TO STA. 26+00	A-PL-2	15
PROPOSED GRADING STA. 14+00 TO STA. 20+00	A-PG-1	16
PROPOSED GRADING STA. 20+00 TO STA. 26+00	A-PG-2	17
INTERSECTION DETAILS, LAKELAND DR EAST UNIVERSITY DR	A-ID-1	18
INTERSECTION DETAILS, LAKELAND DR AND CURRAN DR	A-ID-2	18A
TRAFFIC CONTROL PLANS (7 SHEETS)		
TRAFFIC CONTROL PLAN PHASE 1	A-TCP-1.1	19
TRAFFIC CONTROL PLAN PHASE 1	A-TCP-1.2	20
TRAFFIC CONTROL PLAN PHASE 1	A-TCP-1.3	21
TRAFFIC CONTROL PLAN PHASE 2	A-TCP-2.1	22
TRAFFIC CONTROL PLAN PHASE 2	A-TCP-2.2	23
TRAFFIC CONTROL PLAN PHASE 2	A-TCP-2.3	24
TYPICAL TRAFFIC CONTROL PLAN, PHASE 3	A-TCP-3	24A
PAVEMENT MARKING (2 SHEETS)		
PAVEMENT MARKING AND SIGNING PLAN STA. 14+00 TO STA. 20+00	A-PVM-1	25
PAVEMENT MARKING AND SIGNING PLAN STA. 20+00 TO STA. 26+00	A-PVM-2	26
TRAFFIC SIGNALS (7 SHEETS)		
SIGNAL INSTALLATION LAKELAND DR. AT EAST UNIVERSITY	A-TSI-1	27
DETAIL OF TRAFFIC SIGNAL HEADS, TRAFFIC SIGNAL SIGNS AND GENERAL NOTES	TSD-1	28
LOOP DETECTOR DETAILS FOR TRAFFIC SIGNAL INSTALLATION	TSD-2	29
PULL BOX AND CONDUIT TRENCHING DETAILS FOR TRAFFIC SIGNAL INSTALLATION	TSD-3	30
TYPICAL DETAILS TRAFFIC CONTROLLER CABINET MOUNTINGS, TYPE 1 POLE ATTACHMENTS	TSD-4	31
MAST ARM AND PEDESTAL POLE DETAILS FOR TRAFFIC SIGNAL INSTALLATION	TSD-5	32
TRAFFIC CONTROL PLAN, TYPICAL SIGNAL INSTALLATION	STC-1	33
FIBER OPTIC SHEETS (3 SHEETS)		
FIBER OPTIC DETAILS PULLBOX AND CONDUIT TRENCHING DETAILS	FO-1	34
UNDERGROUND FIBER OPTIC ENTRANCE DETAILS	FO-2	35
FIBER OPTIC CAMERA DETAILS	FO-3	36
SPECIAL DESIGN SHEETS (7 SHEETS)		
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VEGETATION SCHEDULE	VS-1	38
CURB-CUT RAMP	SDCCR-1	39
MASONRY COLUMN DETAIL	MD-1	40
MISCELLANEOUS DETAILS	MD-2	41
MISCELLANEOUS DETAILS	MD-3	42
PERMANENT BARRICADE WITH BERM	TCP-P	42A

DESCRIPTION OF SHEET	REVISION DATE	WKG. NO.	SH. NO.
UTILITY SHEETS (4 SHEETS)			
WATER MAIN RELOCATIONS		WW-1	43
WATER MAIN RELOCATIONS		WW-2	43A
WATER WORKS STANDARD DETAILS		WD-1	44
WATER WORKS SPECIAL DETAILS		WD-2	45
EROSION CONTROL (11 SHEETS)			
DETAILS OF TYPICAL DITCH TREATMENTS	(01-28-10)	DT-1	46
DITCH TREATMENT INSTALLATION DETAIL FOR SOIL REINFORCING MAT		DT-1A	47
TYPICAL TEMPORARY EROSION / SEDIMENT CONTROL APPLICATIONS		ECD-1	48
DETAILS OF SEDIMENT BARRIER APPLICATIONS		ECD-2	49
DETAILS OF SILT FENCE INSTALLATION		ECD-3	50
TEMPORARY EROSION, SEDIMENT AND WATER POLLUTION CONTROL MEASURES, SILT FENCE AND HAY BALE DITCH CHECKS		ECD-5	51
DETAILS OF EROSION CONTROL WATTLE DITCH CHECK		ECD-6	52
ROCK DITCH CHECK		ECD-8	53
INLET PROTECTION TYPICAL APPLICATIONS AND DETAILS		ECD-10	54
INLET PROTECTION DETAILS FOR COARSE AGGREGATE ON GRADES & SAGS		ECD-11	55
INLET PROTECTION DETAILS OF WATTLES		ECD-12	56
MDOT STANDARDS (20 SHEETS)			
PAVEMENT MARKING DETAILS FOR 2 AND 4 LANE DIVIDED ROADWAYS	(12-01-99)	PM-1	120
PAVEMENT MARKING DETAILS FOR 4 AND 5-LANE UNDIVIDED ROADWAYS	(12-01-99)	PM-2	121
PAVEMENT MARKING LEGEND DETAILS		PM-6	125
EROSION CONTROL		EC-1	140
MEDIAN BARRIER: CONCRETE (PRECAST)	(03-01-02)	MB-2A	205
STANDARD ROADSIDE SIGNS		SN-3	222
STANDARD ROADSIDE SIGNS		SN-3A	223
STANDARD ROADSIDE SIGNS	(03-01-02)	SN-3B	224
STANDARD ROADSIDE SIGNS ASSEMBLY AND INSTALLATION		SN-4	225
STANDARD ROADSIDE SIGNS ASSEMBLY AND INSTALLATION		SN-4A	226
STANDARD ROADSIDE SIGNS ASSEMBLY AND INSTALLATION		SN-4B	227
TRAFFIC CONTROL PLAN WITH FLAGGER (ONE-LANE CLOSURE TWO-WAY TRAFFIC)		TCP-1	250
HIGHWAY SIGNS AND BARRICADE DETAILS FOR CONSTRUCTION PROJECTS		TCP-10	259
TEMPORARY STRIPING FOR TRAFFIC CONTROL 2-LANE AND 4-LANE DIVIDED HIGHWAYS	(12-01-99)	TCP-15	264
RIGHT-OF-WAY MARKERS		RW-1	270
DRIVEWAY, CURB & GUTTER & SIDEWALK		SD-1	287
PIPE CULVERT INSTALLATION		PI-1	300
PIPE COLLAR-CONCRETE		PC-1	301
JUNCTION BOX TYPE 2 FOR TRAFFIC LOAD (MAXIMUM "W" = 9.3 FT.)		JB-2	304
STORM SEWER INLET-TYPE SS-2		SS-2	322
TOTAL SHEETS			
			82

PS & E PLANS-DATE 2-20-12		
FMS CON. • 106330/301000		
REVISIONS		
DATE	SHEET NO.	BY

66

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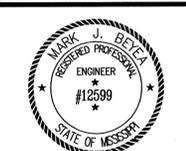
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REVISIONS			DRAWING INFORMATION
NO.	DATE	BY	DESCRIPTION

N-S PROJECT NO.:	NS.08353
FILENAME:	A&C INDEX.dwg
SCALE:	AS SHOWN
SURVEYED BY:	
DSGN:	M.J.B. DATE:
DRWN:	M.A.L. DATE:
CHKD:	M.A.L. DATE:
QA/QC:	DATE:



**THE UNIVERSITY OF MISSISSIPPI
 MEDICAL CENTER**
 UMMC LAKELAND SIGNAL AND
 WIDENING PROJECT
 JACKSON, MISSISSIPPI HINDS COUNTY
 PROJECT NO.
 SP-0250-00(001)/106330-301000



MARK J. BETTA
 REGISTERED PROFESSIONAL
 ENGINEER
 #12589
 STATE OF MISSISSIPPI



NEEL-SCHAFFER
 Solutions you can build upon



COOKE DOUGLASS FARR LEMONS
 ARCHITECTS & ENGINEERS P.A.

DETAIL INDEX

WORKING NUMBER:	DRAWING NUMBER:
A-DI-1	2

GENERAL NOTES:

1. All unsurfaced areas are to receive topsoil, seed and mulch as indicated on the vegetation schedule and be watered until a healthy stand of grass is obtained, unless indicated otherwise.
2. The contractor is responsible for repairs of damage to any existing improvements during construction, such as, but not limited to, drainage, utilities, pavement, striping, curbs, etc.. Repairs shall be equal to or better than existing conditions.
3. Contractor shall match existing pavement in grade and alignment, at connections to city streets.
4. Construction shall comply with all governing codes and be constructed to the same.
5. All striping, signing and traffic control devices and installations, whether temporary or permanent, shall comply with the Manual on Uniform Traffic Control Devices, latest edition.
6. The geotechnical report referred to on these drawings shall be the report prepared by Burns Cooley Dennis, Inc., entitled "Geotechnical/Pavement Investigation, UMMC Campus Roadway Improvements, Project A Intersection, Lakeland Drive and Proposed East Entrance", Jackson, Mississippi, Project No. 110020-1, Report No. 3, dated March 3, 2011. The project shall be cleared, grubbed and proof-rolled in accordance with the recommendations contained in the geotechnical report. Proof rolling shall be observed and accepted by the engineer. Proof rolling shall be an absorbed item.
7. Horizontal Datum on these plans is based upon State Plane Coordinate system.
8. Vertical Datum on these plans is based on Mean Sea Level. See benchmark information on Plan/Profile sheets.
9. Construction survey and staking shall be the responsibility of the contractor and shall be paid for under pay item 699-A001.
10. The governing specifications for this project shall be the Mississippi Standard Specifications For Road And Bridge Construction, Latest Edition. Copies of this publication may be purchased from the Mississippi Department of Transportation as modified by special provisions.
11. It may be necessary for the contractor to dewater excavations and construct temporary dikes and diversion ditches in order to construct portions of the work included in this contract. Cost of dewatering and temporary drainage shall be absorbed in other items.
12. Burning of debris shall not be allowed.

UTILITIES NOTES

1. The Contractor is specifically cautioned that the location and/or elevation of existing utilities as shown on these plans is based on records of the various utility companies, and where possible, measurements taken in the field. The information is not to be on as being exact or complete.
2. Contractor shall be responsible for calling Mississippi-811 (1-800-227-6477) to verify all existing utilities. Contractor shall be responsible for damages to existing utilities to remain and for all interruptions caused by a result of his work.

COOPERATION BETWEEN CONTRACTORS:

1. Work by a separate contractor may be performed at the south end of the project while work under this project is performed. The separate contractor would be constructing the extension of the new road onto UMMC. The contractor shall coordinate and cooperate with the contractor on the adjoining project to minimize interference between the two contractors. See Notice to Bidders No. 1566.

UTILITY OWNERSHIP

ELECTRIC POWER - ENTERGY
 TELEPHONE - AT&T
 NATURAL GAS - ATMOS ENERGY
 SANITARY SEWER - CITY OF JACKSON
 WATER - CITY OF JACKSON
 CABLE TELEVISION - COMCAST
 UMMC INFORMATION SYSTEMS
 MS DEPT OF INFORMATION TECHNOLOGY SYSTEMS

CONTACT

MIKE McEACHERN (601)-351-4367
 KENT GARMON (601)-859-3162
 KEN WASHINGTON (601)-592-5329
 DAVID WILLIS (601)-960-2090
 JOHN THOMPSON (601)-960-2041
 GARY CARLSON (601)-832-3668
 BOBBIE SIMON (601)-984-1006
 JEFF JENNINGS (601)-359-2381

DRAINAGE NOTES:

1. Precast inlets, of the MDOT SS-2 type, and junction boxes may be substituted for cast-in-place structures, upon the approval of the Engineer. If precast inlets are approved, quantities of Class "B" concrete and reinforcing steel shown on plans shall be the basis for payment. All inlets, regardless of type, shall have inverts formed in them to prevent water from standing. Inverts shall be an absorbed item.
2. All rip-rap shall be 200# size and shall be placed on a layer of geotextile fabric. Geotextile Fabric shall be type "V" as defined by the Mississippi Department of Transportation.
3. Reinforced Concrete Pipe shall be Class III unless otherwise indicated. Pipe shall be provided and installed with rubber gaskets on all joints and all lifting holes shall be completely filled with non-shrink grout or other approved material prior to backfilling.
4. All inlets shall have inverts formed in the bottoms to prevent accumulation of standing water.

EROSION CONTROL NOTES:

1. Contractor shall develop, and submit to the engineer for review and approval, an erosion control plan for the project. Cost of developing the erosion control plan shall be absorbed.
2. Wattles shall be installed around all storm sewer inlets and as shown on plans. These shall be maintained in good condition until pavement is installed or vegetation is well established in area surrounding inlet.
3. All areas, other than area to be paved, where the ground is disturbed shall receive topsoil and sod.
4. Contractor shall comply with all provisions of the approved Storm Water Pollution Prevention Plan.

PERMITS:

1. The owner has obtained permission from the City of Jackson to construct improvements within the City's right-of-way.
2. All other permits shall be obtained by the Contractor prior to start of any work.

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<p>NOTICE TO DRAWING HOLDER</p> <p>NEEL-SCHAFFER, INC., HEREINAFTER REFERRED TO AS THE ENGINEER HAS PREPARED AND FURNISHED THIS DRAWING TO THE OWNER FOR USE ON THIS PROJECT ONLY. THIS DRAWING SHOULD NOT BE USED ON EXTENSIONS OF THIS PROJECT OR ON ANY OTHER PROJECT. ANY REUSE OF THIS DRAWING, WITHOUT WRITTEN VERIFICATION OR ADAPTION BY THE ENGINEER, SHALL BE AT THE REUSER'S SOLE RISK AND THE REUSER SHALL INDEMNIFY AND HOLD HARMLESS THE ENGINEER FROM ALL CLAIMS, DAMAGES, LOSSES AND EXPENSES, INCLUDING ATTORNEY'S FEES ARISING OUT OF OR RESULTING THEREFROM.</p>	<p>REVISIONS</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>BY</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>	NO.	DATE	BY	DESCRIPTION																													<p>DRAWING INFORMATION</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>N-S PROJECT NO.:</td><td>NS.08.353</td></tr> <tr><td>FILENAME:</td><td>A&C-GN.dwg</td></tr> <tr><td>SCALE:</td><td>AS SHOWN</td></tr> <tr><td>SURVEYED BY:</td><td> </td></tr> <tr><td>DSGN:</td><td>M.J.B. DATE: </td></tr> <tr><td>DRWN:</td><td>M.A.L. DATE: </td></tr> <tr><td>CHKD:</td><td>M.A.L. DATE: </td></tr> <tr><td>QA/QC:</td><td> </td></tr> </table>	N-S PROJECT NO.:	NS.08.353	FILENAME:	A&C-GN.dwg	SCALE:	AS SHOWN	SURVEYED BY:		DSGN:	M.J.B. DATE:	DRWN:	M.A.L. DATE:	CHKD:	M.A.L. DATE:	QA/QC:		<p>THE UNIVERSITY OF MISSISSIPPI MEDICAL CENTER UMMC LAKELAND SIGNAL AND WIDENING PROJECT JACKSON, MISSISSIPPI HINDS COUNTY PROJECT NO. SP-0250-00(001)/106330-301000</p>		<p>NEEL-SCHAFFER Solutions you can build upon</p>	<p>GENERAL NOTES</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">WORKING NUMBER: A-GN-1</td> <td style="width:50%;">DRAWING NUMBER: 3</td> </tr> </table>	WORKING NUMBER: A-GN-1	DRAWING NUMBER: 3
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