GS#411-119
PARKING LOT IMPROVEMENTS AT BRADLEY SANDERS BUILDING
EAST MISSISSIPPI STATE HOSPITAL
MERIDIAN, MS

ADDENDUM NO. 1

TO: ALL BIDDERS ON THE ABOVE REFERENCED PROJECT

FROM: Keith McCraney, PE, Project Engineer

DATE: October 18, 2017

SUBJECT: **ADDENDUM NO. 1**

Clarifications and revisions to Proposal and Contract Documents and Plans for the referenced project are as follow:

1. **REPLACE:** Sheets 1.0, 2.0, 3.0, 4.0 shall be replaced with the attached sheets. Corrections to contours were made resulting in adjustments to the silt fence and clearing limits.
2. **CLARIFIACTION:** Any area disturbed by construction activity shall receive solid sod as noted on sheet 3 note 10.
3. **CLARIFICATION:** Any excess material is to be hauled off site or may be used on the back slopes. Slopes may be extended if needed to use excess material. All fill material shall be placed and compacted as required by geotechnical report and noted on sheet 3. All requirements remain the same.
4. **CLARIFICATION**: All debris shall be properly disposed of off-site. Refer to note 2, sheet 2.0.

5. **COMMENTS from Pre-Bid meeting:**
   - **A**. Leave no blanks on the Bid Form. If the requested information is not relevant, then mark it as 'NA'. Bid will be rejected if you leave it blank.
   - **B**. Bureau of Buildings regulations require that Alternates be selected in the order listed. (i.e. If Alt 1 is selected then Alt. 2 may be selected, if 2 is selected then 3 may be selected…etc. However, if Alt 1 is not selected then Alt 2 or others cannot be selected.)

All other requirements remain the same.

BIDDER IS ADVISED THAT ADDENDUM ACKNOWLEDGMENT IS REQUIRED. SIGNED ACKNOWLEDGEMENT SHALL BE INCLUDED IN THE BID PROPOSAL. FAILURE TO PROPERLY ACKNOWLEDGE ADDENDA MAY BE GROUNDS FOR REJECTION OF BID.

Submitted By:

Keith McCraney, P.E., Project Engineer
Engineering Plus, Inc.

Acknowledged By:

Contractor

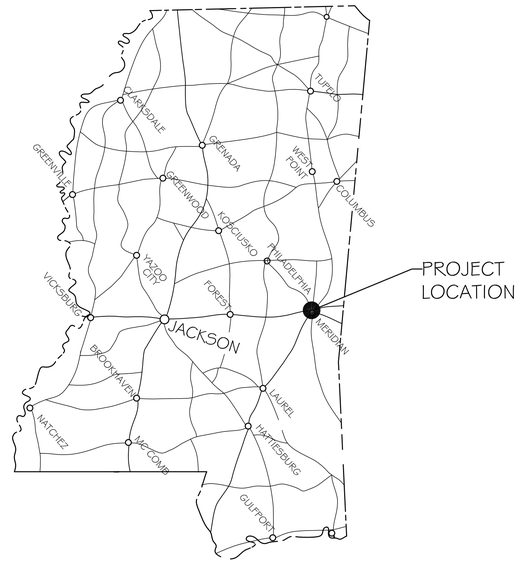
Date: _____

GS#411-119
CONSTRUCTION OF PARKING LOT IMPROVEMENTS AT BRADLEY SANDERS BUILDING
FOR
EAST MISSISSIPPI STATE HOSPITAL
MERIDIAN, LAUDERDALE COUNTY, MS

PROJECT SITE

PROJECT LOCATION
SCALE: 1" = 600'

SHEET INDEX



SITE VICINITY

LIST OF DEDUCTIVE ALTERNATES

1. DELETE LIGHTING AND ASSOCIATED ELECTRICAL WORK AT PARKING LOT.
2. DELETE AUTOMOBILE WHEEL STOPS AT PARKING LOT.
3. DELETE GRASSING BY SOD FROM SITE AND PROVIDE GRASSING BY SEEDING
4. DELETE SITE STORM DRAINAGE SYSTEM - PROVIDE 100 L.F. 12" DIA. DRIVEWAY CULVERTS

PREPARED BY:

ENGINEERING PLUS, INC.
Planning Surveying Testing Landscape Design
1724-B 23rd Ave. Meridian, Mississippi 39301 (601) 693-4234

APRIL 2017

KEITH HUGH McCRANEY
REGISTERED PROFESSIONAL ENGINEER
10851
STATE OF MISSISSIPPI

Engineering Plus
Planning • Surveying • Testing • Landscape Design
1724-B 23rd Ave. Meridian, Mississippi 39301 (601) 693-4234

NO.	DATE	REVISION DESCRIPTION	BY
1	10/17/17	REVISE INDEX	KHM

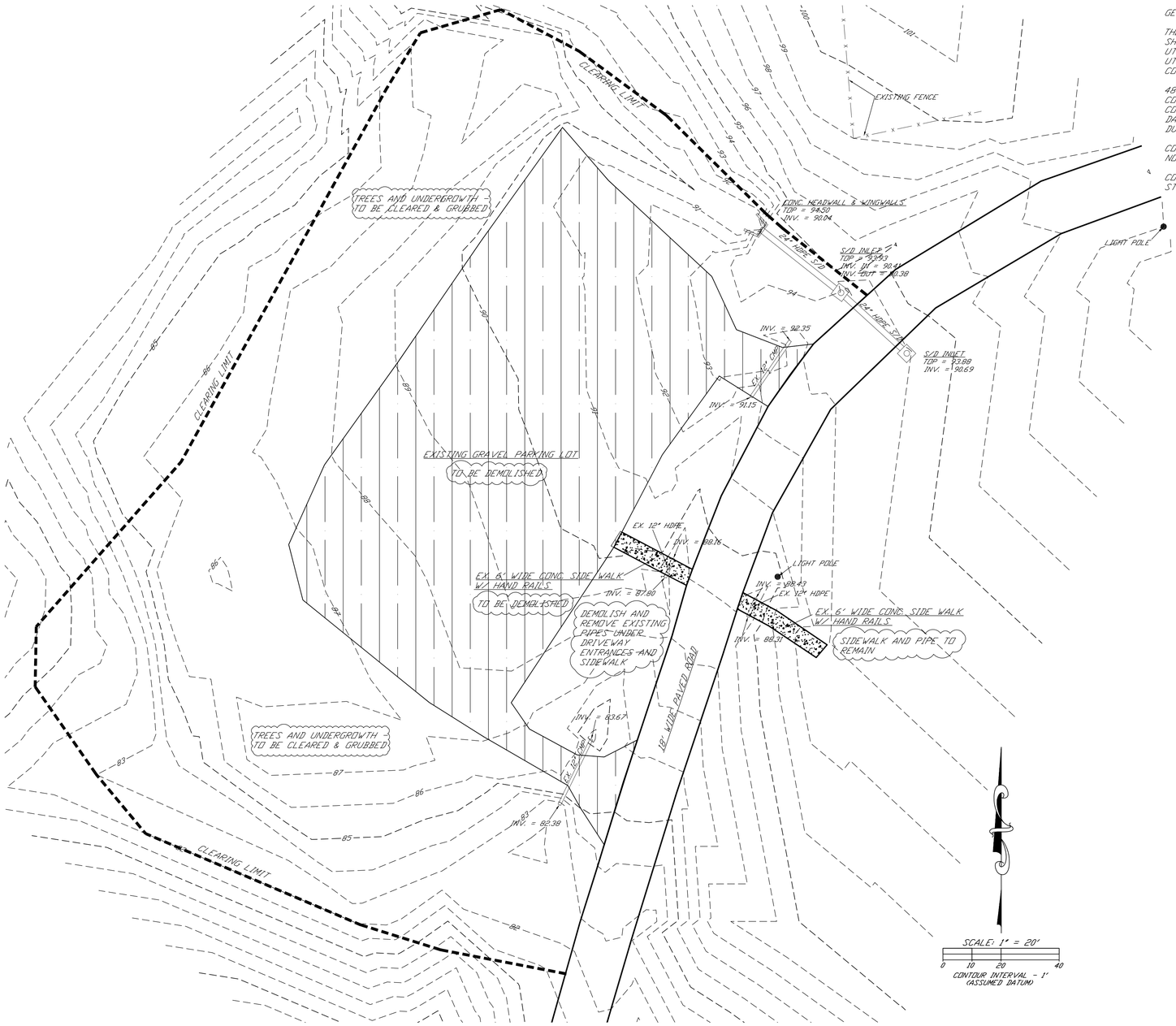
GS#411-119 PARKING LOT IMPROVEMENTS AT BRADLEY SANDERS BUILDING
TITLE SHEET

FOR:
EAST MISSISSIPPI STATE HOSPITAL
MERIDIAN, LAUDERDALE COUNTY, MS

F.B. P.
DWG FILE: \Civil 3D Projects\Private Projects\2015 \15-133 E MS Sanders\Cad\Acad-15-133 Bradley Sanders Building Parking Lot.dwg
JOB NO. 15-133
DRAWING NO. D-4399

DATE: 8/8/2016
DRAWN BY: KHM
CHECKED BY: KHM
SCALE: AS SHOWN

SHEET 1 OF 6



EXISTING SITE AND DEMOLITION PLAN
SCALE: 1" = 20'

GENERAL NOTES:

THE LOCATION OF ALL UTILITIES IS UNKNOWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE APPROPRIATE UTILITY COMPANIES TO DETERMINE THE EXACT LOCATION OF ALL UTILITIES AND UNDERGROUND STRUCTURES PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES.

48 HOURS PRIOR TO STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL MISSISSIPPI ONE CALL (811). THE CONTRACTOR SHALL ALSO ASSUME THE RESPONSIBILITY FOR ANY DAMAGE INCURRED BY ANY UTILITY COMPANY, TO THEIR LINES, DURING WORK ON THE PROJECT.

CONTRACTOR SHALL VERIFY EXISTING SITE CONDITIONS AND NOTIFY ENGINEER OF ANY SIGNIFICANT DISCREPANCIES.

CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE LOCAL AND STATE REQUIREMENTS.

GENERAL SITE DEMOLITION NOTES:

1. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS REQUIRED FOR DEMOLITION, GRADING AND OTHER CONSTRUCTION ACTIVITIES NECESSARY TO CONSTRUCT THE SITE AS DESCRIBED IN PROJECT CONTRACT DOCUMENTS.

2. ALL DEBRIS, TRASH, RUBBISH AND OTHER DEMOLISHED MATERIAL SHALL BE PROPERLY DISPOSED OF OFF SITE. NO ON-SITE BURNING OR BURYING SHALL BE ALLOWED.

4. COORDINATE ALL WORK ON EXISTING UTILITIES INCLUDING DISCONNECTIONS, RELOCATIONS AND INTERRUPTION OF SERVICE WITH APPROPRIATE UTILITY COMPANY, ALL AFFECTED PARTIES AND LOCAL OFFICIALS. ALLOW ADEQUATE TIME FOR SCHEDULING. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING LOCATION, SIZE AND CAPACITY OF EXISTING UTILITIES.

7. CONTRACTOR SHALL NOTIFY PROJECT ENGINEER IMMEDIATELY SHOULD CONDITIONS ENCOUNTERED ON SITE VARY SIGNIFICANTLY FROM THAT SHOWN ON PLANS.

8. TRAFFIC CONTROL ON EXISTING STREETS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. TRAFFIC CONTROL PROCEDURES SHALL BE PERFORMED IN COOPERATION WITH EAST MISSISSIPPI STATE HOSPITAL, AND THE LOCAL POLICE DEPARTMENT. PROCEDURES AND DEVICES SHALL BE IN COMPLIANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) LATEST EDITION. TRAFFIC CONTROL SHALL BE THE CONTRACTOR'S RESPONSIBILITY FOR THE DURATION OF THE PROJECT.

9. THE CONTRACTOR SHALL INSTALL EROSION CONTROL DEVICES PRIOR TO COMMENCING DEMOLITION ACTIVITIES. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING EXISTING MEASURES AND INSTALLING ANY ADDITIONAL MEASURES NECESSARY FOR EROSION AND SEDIMENT CONTROL.

LIST OF DEDUCTIVE ALTERNATES

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GS#411-119 PARKING LOT IMPROVEMENTS AT BRADLEY SANDERS BUILDING
EXISTING SITE AND DEMOLITION PLAN

FOR:

EAST MISSISSIPPI STATE HOSPITAL
MERIDIAN, LAUDERDALE COUNTY, MS

F.B. P.
DWG FILE: \Civil 3D Projects\Private Projects\2015 \15-133 E MS Sanders\Cad\Acad-15-133 Bradley Sanders Building Parking Lot.dwg
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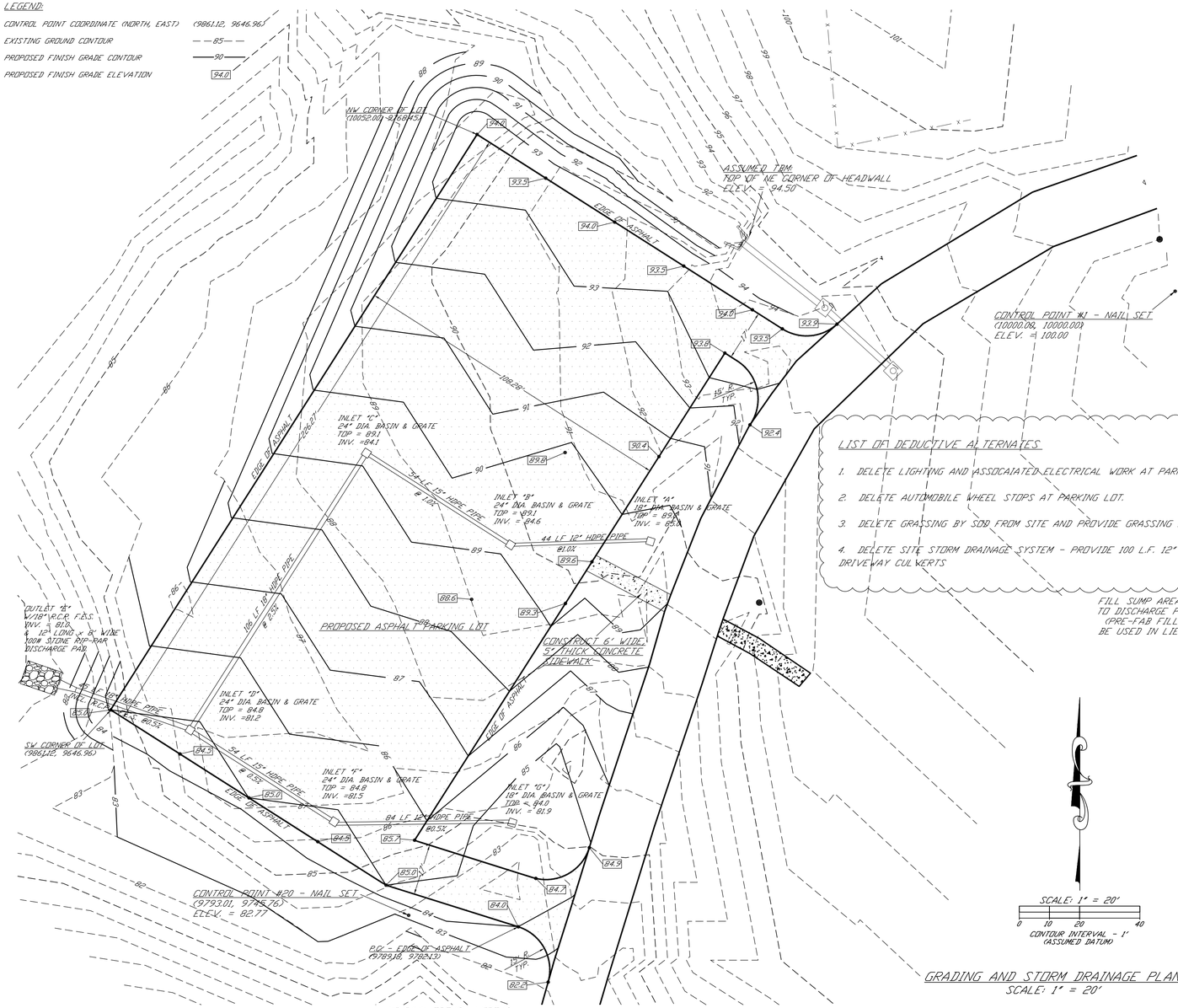
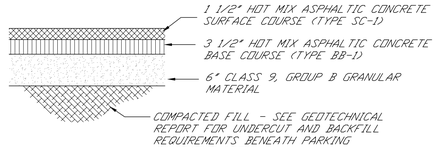
DRAWN BY: KHM
CHECKED BY: KHM
SCALE: AS SHOWN

SHEET 2 OF 6



GRADING AND STORM DRAINAGE PLAN
SCALE: 1" = 20'



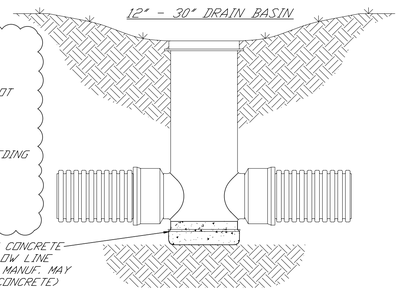
LIGHT DUTY ASPHALT PAVEMENT (FLEXIBLE)
(PARKING AREA)

*NOTE:
SOIL BORINGS IN PAVEMENT AREAS AND PAVEMENT RECOMMENDATIONS WERE INCLUDED AS A PART OF THE GEOTECHNICAL INVESTIGATION. CONTRACTOR SHALL NOTIFY PROJECT ENGINEER IMMEDIATLY SHOULD EXISTING SUBSURFACE CONDITIONS DIFFER FROM THOSE ANTICIPATED.

PAVEMENT DETAILS

TURF INLETS
DETAIL SHOWN PER NYLOPLAST 18" DRAIN BASIN; NON-TRAFFIC INSTALLATION WITH ROUND METAL GRATE TOP.
OTHER MANUFACTURERS OF EQUAL VALUE AND PERFORMANCE MAY BE USED. SUBMIT PER PROJECT DOCUMENTS.

12" - 30" DRAIN BASIN



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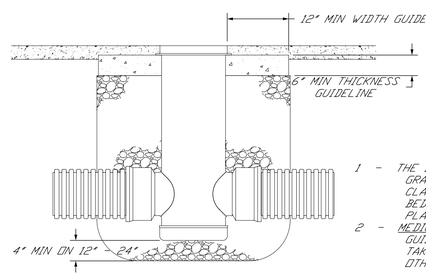
NON-TRAFFIC, TURF INSTALLATION



ASPHALT DRAIN BASIN INSTALLATION

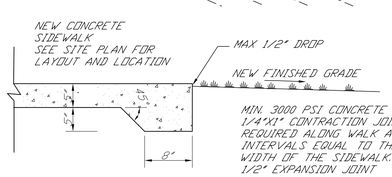
DRAIN BASIN DETAIL

STRUCTURE H-10 GRATE OPTIONS:

12"	PEDESTRIAN
15"	PEDESTRIAN
18"	PEDESTRIAN
24"	PEDESTRIAN

1 - THE BACKFILL MATERIAL SHALL BE CRUSHED STONE OR OTHER GRANULAR MATERIAL MEETING THE REQUIREMENTS OF CLASS I, CLASS II, OR CLASS III MATERIAL AS DEFINED IN ASTM D2321. BEDDING & BACKFILL FOR SURFACE DRAINAGE INLETS SHALL BE PLACED & COMPACTED UNIFORMLY IN ACCORDANCE WITH ASTM D2321.

2 - MEDIUM DUTY TRAFFIC LOADS: CONCRETE SLAB DIMENSIONS ARE FOR GUIDELINE PURPOSES ONLY. ACTUAL CONCRETE SLAB MUST BE DESIGNED TAKING INTO CONSIDERATION LOCAL SOIL CONDITIONS, TRAFFIC LOADING, & OTHER APPLICABLE DESIGN FACTORS.

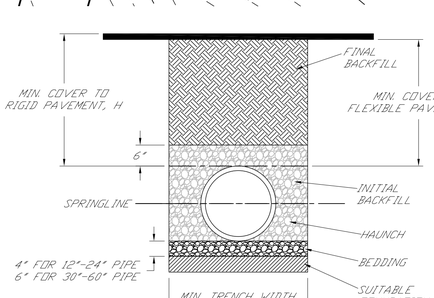


MIN. 3000 PSI CONCRETE 1/4"X1" CONTRACTION JOINTS REQUIRED ALONG WALK AT INTERVALS EQUAL TO THE WIDTH OF THE SIDEWALK. 1/2" EXPANSION JOINT W/SEALANT REQ'D AT CONSTRUCTION BREAKS, CHANGE IN DIRECTIONS, ADJACENT TO ALL PAVEMENTS AND STRUCTURES, MAX. SPACING 50'

NEW CONCRETE SIDEWALK ADJACENT TO TURF

MINIMUM TRENCH WIDTHS

PIPE DIAMIN.	TRENCH WIDTH
4"	21"
6"	23"
8"	26"
10"	28"
12"	30"
15"	34"
18"	39"
24"	48"
30"	56"
36"	64"
42"	72"
48"	80"
54"	88"
60"	96"



HDPE PIPE BEDDING DETAIL

NOTES:

1. ALL PIPE SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH ASTM D2321, "STANDARD PRACTICE FOR UNDERGROUND INSTALLATION OF THERMOPLASTIC PIPE FOR SEWERS AND OTHER GRAVITY FLOW APPLICATIONS", LATEST ADDITION
2. MEASURES SHOULD BE TAKEN TO PREVENT MIGRATION OF NATIVE FINES INTO BACKFILL MATERIAL, WHEN REQUIRED.
3. FOUNDATION: WHERE THE TRENCH BOTTOM IS UNSTABLE, THE CONTRACTOR SHALL EXCAVATE TO A DEPTH REQUIRED BY THE ENGINEER AND REPLACE WITH SUITABLE MATERIAL AS SPECIFIED BY THE ENGINEER. AS AN ALTERNATIVE AND AT THE DISCRETION OF THE DESIGN ENGINEER, THE TRENCH BOTTOM MAY BE STABILIZED USING A GEOTEXTILE MATERIAL.
4. BEDDING: SUITABLE MATERIAL SHALL BE CLASS I, II OR III. THE CONTRACTOR SHALL PROVIDE DOCUMENTATION FOR MATERIAL SPECIFICATION TO ENGINEER. UNLESS OTHERWISE NOTED BY THE ENGINEER, MINIMUM BEDDING THICKNESS SHALL BE 4" (100mm) FOR 4"-24" (100mm-600mm); 6" (150mm) FOR 30"-60" (750mm-900mm).
5. INITIAL BACKFILL: SUITABLE MATERIAL SHALL BE CLASS I, II OR III IN THE PIPE ZONE EXTENDING NOT LESS THAN 6" ABOVE CROWN OF PIPE. THE CONTRACTOR SHALL PROVIDE DOCUMENTATION FOR MATERIAL SPECIFICATION TO ENGINEER. MATERIAL SHALL BE INSTALLED AS REQUIRED IN ASTM D2321, LATEST EDITION.
6. MINIMUM COVER: MINIMUM COVER, H, IN NON-TRAFFIC APPLICATIONS (GRASS OR LANDSCAPE AREAS) IS 12" FROM THE TOP OF PIPE TO GROUND SURFACE. ADDITIONAL COVER MAY BE REQUIRED TO PREVENT FLOATION. FOR TRAFFIC APPLICATIONS, MINIMUM COVER, H, IS 12" UP TO 48" DIAMETER PIPE AND 24" OF COVER FOR 54"-60" DIAMETER PIPE, MEASURED FROM TOP OF PIPE TO BOTTOM OF FLEXIBLE PAVEMENT OR TO TOP OF RIGID PAVEMENT.

MINIMUM COVER BASED ON VECHICLE LOADING CONDITIONS

PIPE DIAM.	SURFACE LIVE LOADING CONDITION H-25	SURFACE LIVE LOADING CONDITION HEAVY CONSTRUCTION (75T AXLE LOAD) *
12" - 48"	12"	48"
54" - 60"	24"	60"

GENERAL SITE GRADING NOTES:

1. SITE SHALL BE GRADED TO LINES AND ELEVATIONS AS SHOWN, UNLESS OTHERWISE INDICATED FINAL CONTOURS AND SPOT ELEVATIONS SHOWN ARE FINISHED GRADE ELEVATIONS. ELEVATIONS ALONG CURB LINE ARE SHOWN AT FLOW LINE/FACE OF CURB. UNLESS OTHERWISE INDICATED DIMENSIONS ARE TO EDGE OF PAVEMENT, FACE OF CURB, FACE OF WALL AND/OR FACE OF BUILDING.

2. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO STAKEOUT THE CONSTRUCTION, ESTABLISH LINES AND GRADE, TEMPORARY BENCHMARKS, CENTERLINES AND REFERENCE POINTS FOR WORK AND VERIFY ALL DIMENSIONS RELATING TO INTERCONNECTION WITH EXISTING FEATURES. CONTRACTOR SHALL REPORT ANY INCONSISTENCIES IN THE PROPOSED GRADES, LINES AND DIMENSIONS TO THE ENGINEER BEFORE COMMENCING WORK.

3. A GEOTECHNICAL INVESTIGATION HAS BEEN PERFORMED ON THE SUBJECT PROPERTY BY ENGINEERING PLUS, INC. MERIDIAN, MS DATED SEPTEMBER 14, 2016. A COPY HAS BEEN INCLUDED IN THE CONTRACT DOCUMENTS. CONTRACTOR SHALL BE RESPONSIBLE FOR FAMILIARIZING HIMSELF WITH THE REQUIREMENTS AND CONDITIONS WITHIN THE REPORT.

4. STRIPPING AND UNDERCUTTING SHALL BE PERFORMED AS DESCRIBED IN THE GEOTECHNICAL REPORT. TOPSOIL TO BE REMOVED AT LEAST 12" BELOW EXISTING GRADE. CONTRACTOR SHALL NOTIFY GEOTECHNICAL ENGINEER TO OBSERVE EXCAVATION OPERATIONS AND ASSIST IN EVALUATING UNDERCUT REQUIREMENTS.

5. PAVEMENT AREA TO BE UNDERCUT SHALL BE REMOVED TO AT LEAST 2 FEET BELOW THE PAVEMENT FINISHED SUBGRADE ELEVATION.

6. IMPORTED FILL SOILS SHALL CONSIST OF SELECT, NONORGANIC AND DEBRIS-FREE SANDY IN NATURE SOILS WITH LESS THAN 25 PERCENT OF THE SOIL PARTICLES (BY WEIGHT) PASSING THE NO. 200 MESH SIEVE AND A LIQUID LIMIT OF LESS THAN 15.

7. BENEATH PAVEMENT AREAS: FILL MATERIAL SHALL BE PLACED IN MAX. 12 INCH LOOSE LIFTS AND COMPACTED TO NOT LESS THAN 95% OF STANDARD PROCTOR MAXIMUM DRY DENSITY (ASTM D 698); ALL FILL SHALL BE COMPACTED WITHIN ONE BELOW OR THREE PERCENTAGE POINTS ABOVE THE OPTIMUM MOISTURE CONTENT. FILL MATERIAL SHALL EXTEND LATERAL NOT LESS THAN 3' BEYOND PAVEMENT EDGES.

8. FILL OVER UTILITIES SHALL BE PLACED AND COMPACTED AS NOTED ABOVE EXCEPT LOOSE LIFTS THICKNESS SHALL BE NOT MORE THAN 4-5 INCHES WHEN HAND COMPACTORS ARE USED.

9. UNDERGROUND UTILITIES WERE LOCATED WHERE PHYSICAL EVIDENCE WAS AVAILABLE AND AS MARKED IN FIELD BY UTILITY REPRESENTATIVES. CONTRACTOR SHALL VERIFY DEPTH AND LOCATION OF EXISTING UTILITIES UPON EXCAVATION. CONTRACTOR SHALL NOTIFY PROJECT ENGINEER OF ANY DISCREPANCIES AND CONFLICTS FOUND UPON EXPOSURE OF EXISTING UTILITIES.

10. AREAS NOT INDICATED FOR OTHER SURFACE TREATMENT SHALL RECEIVE STRONGLY ROOTED SOD CONSISTING OF TIFWAY BERMUDA GRASS. SOD SHALL BE MACHINE CUT OF UNIFORM PAD SIZES. ANCHOR SOD ON SLOPES WITH WOOD STAKES TO PREVENT SLIPPAGE. BROKEN OR DAMAGED PADS WILL NOT BE ACCEPTED. REFER TO LANDSCAPE PLAN FOR ADDITIONAL REQUIREMENTS.

GENERAL NOTES:

THE LOCATION OF ALL UTILITIES IS UNKNOWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE APPROPRIATE UTILITY COMPANIES TO DETERMINE THE EXACT LOCATION OF ALL UTILITIES AND UNDERGROUND STRUCTURES PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES.

48 HOURS PRIOR TO STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL MISSISSIPPI ONE CALL (811). THE CONTRACTOR SHALL ALSO ASSUME THE RESPONSIBILITY FOR ANY DAMAGE INCURRED BY ANY UTILITY COMPANY, TO THEIR LINES, DURING WORK ON THE PROJECT.

CONTRACTOR SHALL VERIFY EXISTING SITE CONDITIONS AND NOTIFY ENGINEER OF ANY SIGNIFICANT DISCREPANCIES.

CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE LOCAL AND STATE REQUIREMENTS.

KEITH HUGH McCRANEY REGISTERED PROFESSIONAL ENGINEER 10851 STATE OF MISSISSIPPI

NO.	DATE	REVISION DESCRIPTION	BY
1	10/17/17	MINOR REVISION	KHM

GS#411-119 PARKING LOT IMPROVEMENTS AT BRADLEY SANDERS BUILDING
GRADING AND STORM DRAINAGE PLAN

FOR:

EAST MISSISSIPPI STATE HOSPITAL
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JOB NO. 15-133
DRAWING NO. D-4399

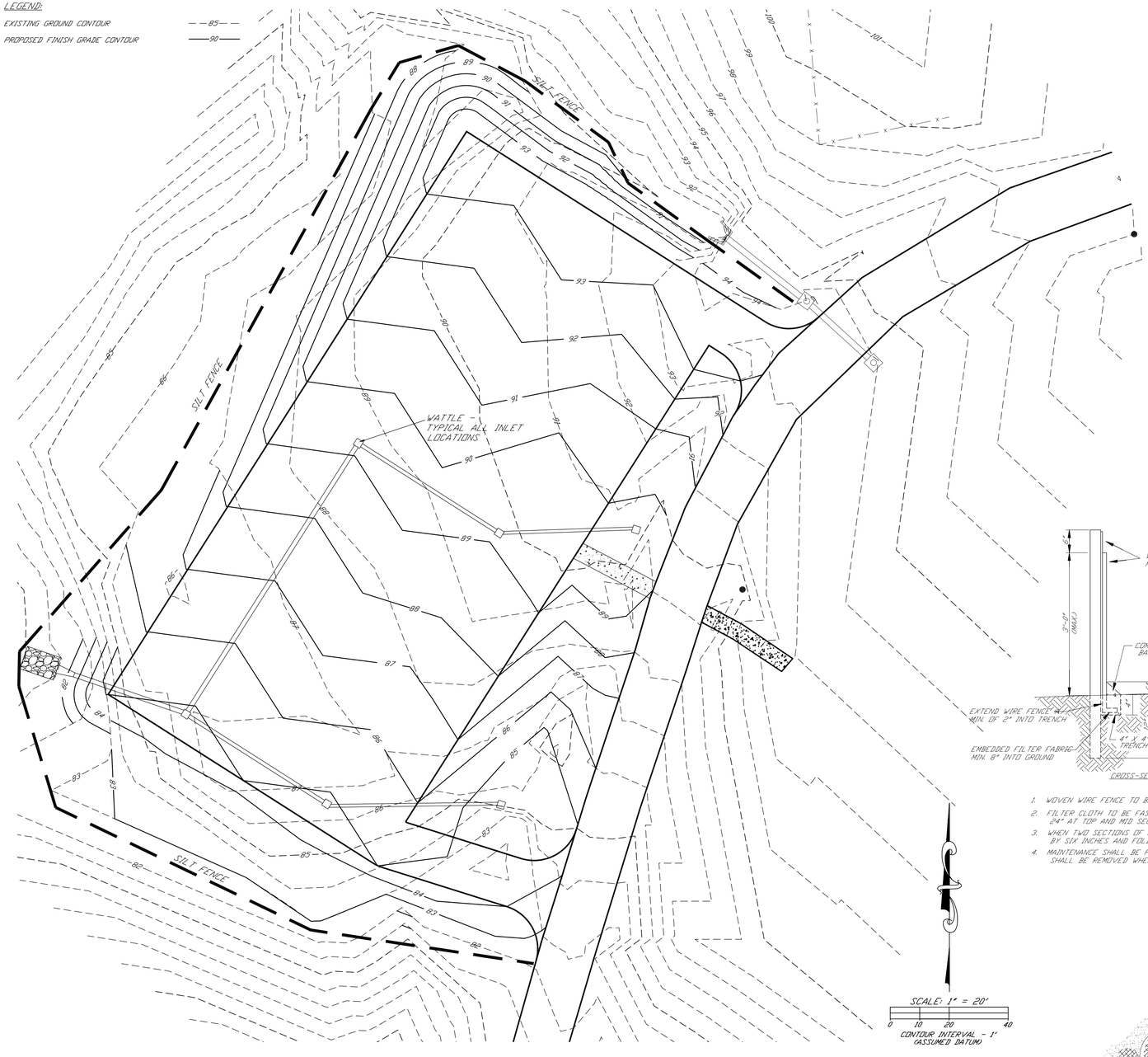
DATE: 8/8/2016
DRAWN BY: KHM
CHECKED BY: KHM
SCALE: AS SHOWN

SHEET 3 OF 6

LEGEND:

EXISTING GROUND CONTOUR —85—

PROPOSED FINISH GRADE CONTOUR —90—



SCALE: 1" = 20'

0 10 20 40

CONTOUR INTERVAL - 1'
(ASSUMED DATUM)

EROSION CONTROL PLAN
SCALE: 1" = 20'

GENERAL EROSION CONTROL NOTES:

1. CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES DESIGNED TO REMOVE SEDIMENT FROM STORM WATER AND PROTECT AGAINST EROSION IN ACCORDANCE WITH MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY LATEST REGULATIONS. BMP'S SHALL BE PLACED IN PHASES AS NEEDED TO ACCOMMODATE PROJECT SCHEDULING AND LAND DISTURBING ACTIVITIES.
   PHASE I: BMP'S SHALL BE INSTALLED PRIOR TO COMMENCING ANY LAND DISTURBANCE ACTIVITIES. AS A MINIMUM THESE MEASURES SHALL INCLUDE SILT FENCE ALONG THE PERIMETER OF ALL AREAS SCHEDULED FOR DISTURBANCE; INSTALLATION OF SEDIMENT BASINS IN KEY DRAINAGE AREAS; CREATION OF DIVERSION DITCHES OR DIKES AS NEEDED AND PROTECTION OF DRAINAGE OUTLETS. CHECKS SHALL BE INSTALLED AS NEEDED TO PREVENT COLLECTION AND INCREASED VELOCITY OF WATER. SILT BASINS SHALL BE DE-SILTED WHEN THEY REACH 50% OF THEIR CAPACITY.
   PHASE II: AS PROJECT CLEARING AND GRADING OPERATIONS PROGRESS, CONTRACTOR SHALL INSTALL AND MAINTAIN ADDITIONAL TEMPORARY DEVICES SUCH AS CHECK DAMS, SILT FENCE, SLOPE PROTECTION, INLET PROTECTION AND OUTLET PROTECTION AS NEEDED. DISTURBED AREAS LEFT OVER 30 DAYS SHALL BE TEMPORARILY GRASSED. PERMANENT EROSION CONTROL SHALL BE ESTABLISHED AS SOON AS AN AREA BECOMES AVAILABLE.
   PHASE III: AS FINAL GRADING IS ACHIEVED, PERMANENT EROSION CONTROL DEVICES SHALL BE PLACED INCLUDING GRASSING, LANDSCAPING, PAVED DITCHES, FLUMES AND OTHER MEASURES AS SHOWN ON PLANS.
2. CONTRACTOR SHALL IMPLEMENT AND MAINTAIN BMP CONTROLS AS NEEDED TO PREVENT EROSION AND SEDIMENT FROM ADVERSELY AFFECTING DOWNSTREAM PROPERTY THROUGHOUT CONSTRUCTION OF PROJECT. WHEN WORK IS NOT BEING PERFORMED IN A DISTURBED AREA, CONTRACTOR SHALL INSTALL APPROPRIATE TEMPORARY AND/OR VEGETATIVE AND STRUCTURAL PRACTICES TO INSURE THAT EROSION AND SEDIMENT FROM CONSTRUCTION SITE DOES NOT FLOW ONTO ADJOINING PROPERTIES. ADDITIONAL CONTROLS SHALL MINIMIZE OFF-SITE VEHICLE TRACKING OF SEDIMENTS.
3. CONTROLS AND MANAGEMENT PRACTICES USED TO MITIGATE ADVERSE IMPACTS FROM STORM WATER RUNOFF MAY INCLUDE BUT ARE NOT LIMITED TO, SILT FENCING, SEDIMENT TRAPS, WATTLES, INLET PROTECTION, INTERCEPTOR DIKES, SWALES AND OTHER PREFABRICATED DEVICES SPECIFICALLY DESIGNED FOR SEDIMENT CONTROL.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR ACQUIRING ANY NECESSARY PERMITS. THIS MAY INCLUDE STORM WATER RUNOFF PERMITS FROM THE MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL RECORD KEEPING AND DOCUMENTATION AS REQUIRED BY REGULATORY AGENCIES.
5. ALL AREAS DISTURBED BY CONSTRUCTION AND NOT DESIGNATED FOR OTHER SURFACE TREATMENT SHALL RECEIVE SOLID SOD AS PERMANENT EROSION CONTROL. REFER TO LANDSCAPE PLAN FOR ADDITIONAL REQUIREMENTS.

GENERAL NOTES:

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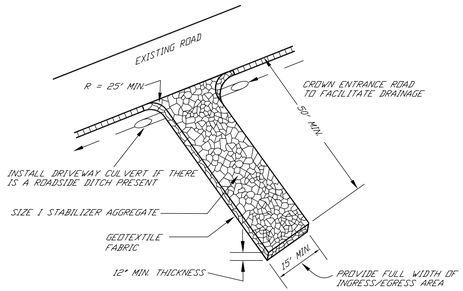
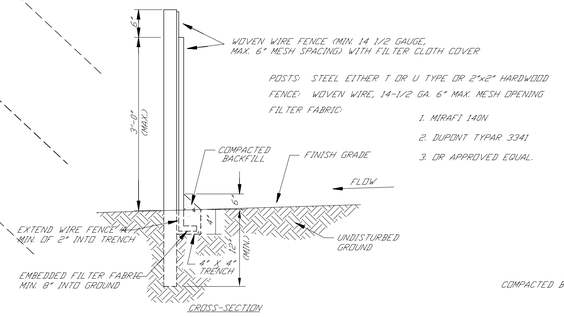
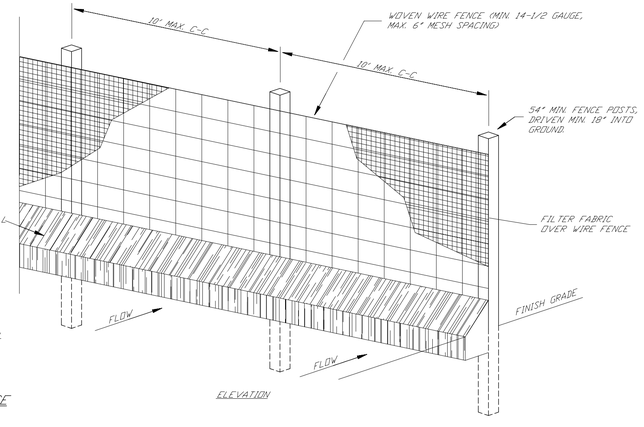


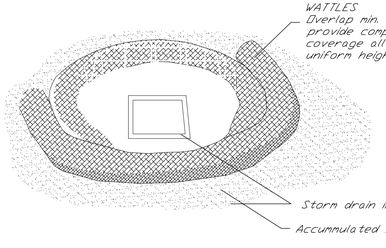
CONSTRUCTION ENTRANCE PROTECTION
NOT TO SCALE



1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES.
2. FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION.
3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED.
4. MAINTENANCE SHALL BE PERFORMED AS NOTED IN THE EROSION CONTROL PLAN. COLLECTED MATERIAL SHALL BE REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.



SEDIMENTATION/SILT FENCE
NOT TO SCALE



INLET PROTECTION - WATTLES

IN-LIEU OF STRAW WATTLES, CONTRACTOR MAY USED OTHER PRE-FABRICATED DEVICES DESIGNED SPECIFICALLY FOR SEDIMENT CONTROL AT INLETS

Wattles:
1. Engineered composites of wood fibers and man-made fibers encased in heavy-duty mesh tubes. Min 6" diameter tubes.
2. Install per manufacturer's recommendations.
3. Contractor may provide other DEQ approved methods of inlet protection in lieu of wattles. Hay bales are not acceptable.

LIST OF DEDUCTIVE ALTERNATES

1. DELETE LIGHTING AND ASSOCAIATED ELECTRICAL WORK AT PARKING LOT
2. DELETE AUTOMOBILE WHEEL STOPS AT PARKING LOT.
3. DELETE GRASSING BY SOD FROM SITE AND PROVIDE GRASSING BY SEEDING
4. DELETE SITE STORM DRAINAGE SYSTEM - PROVIDE 100 L.F. 12" DIA. DRIVEWAY CULVERTS

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NO.	DATE	REVISION DESCRIPTION	BY
1	10/17/17	MINOR REVISION	KHM

GS#411-119 PARKING LOT IMPROVEMENTS AT BRADLEY SANDERS BUILDING
EROSION CONTROL PLAN

FOR:

EAST MISSISSIPPI STATE HOSPITAL
MERIDIAN, LAUDERDALE COUNTY, MS

F.B. P.
DWG FILE: \Civil 3D Projects\Private Projects\2015 \15-133 E MS Sanders\Cad\Acad-15-133 Bradley Sanders Building Parking Lot.dwg
JOB NO. 15-133
DRAWING NO. D-4399

DATE: 8/8/2016
DRAWN BY: KHM
CHECKED BY: KHM
SCALE: AS SHOWN

SHEET 4 OF 6