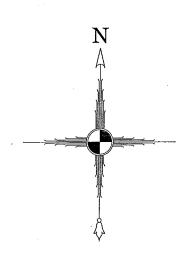
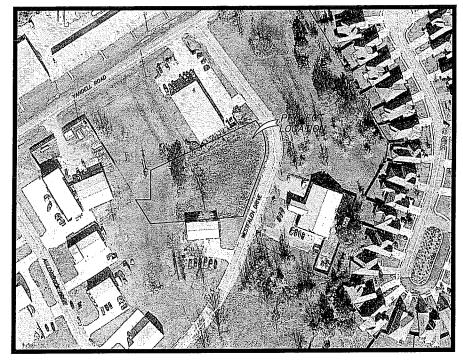
CIVIL SITE CONSTRUCTION PLANS FOR:

CEDARSTONE COMMERCIAL

MADISON COUNTY, MISSISSIPPI APRIL, 2017





VICINITY MAP

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FOR REVIEW AND APPROVAL



Gregory A. Bonds, P.E. Mississippi License No. 16335 Date

Equipment, materials and construction of all improvements required in these plans shall be in accordance with these construction drawings & project specifications.

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PREPARED FOR:

CEDARSTONE CONSTRUCTION CORP

396 BUSINESS PARK DRIVE, SUITE A

MADISON MS 39110



C1.

- IT IS NOT THE INTENT OF THESE CONSTRUCTION DRAWINGS. NOTES OR DETAILS TO COVER ALL OF THE REQUIREMENTS OF THE
- PROJECT SPECIFICATIONS.
 ALL ELEMENTS AND ITEMS NEEDED FOR THE COMPLETE INSTALLATION OF THE IMPROVEMENTS SHOWN IN THESE PLANS THAT
 ARE NOT SHOWN AS A SEPARATE PAY ITEM SHALL BE CONSIDERED AN ABSORBED COST.
 THE CONTRACTOR SHALL PROVIDE REASONABLE ACCESS TO ALL PROPERTIES IN THE PROJECT AREA THROUGHOUT
 CONSTRUCTION.
- THE CONTRACTOR STALL FRONDE REASONABLE ACCESS TO ALL THOUTH THE THE CONTRACTOR STALL FRONDERS. THE CONTRACTOR STALL BE RESPONSIBLE FOR FURNISHING ALL LABOR, MATERIALS, EQUIPMENT AND INCIDENTAL ITEMS NEEDED TO PROVIDE ADEQUATE CONSTRUCTION SIGNING, BARRICADES, TRAFFIC CONTROL DEVICES AND OTHER RELATED ITEMS FOR THE PROJECT AREA, DURING THE CONSTRUCTION PERIOD, MAINTENANCE AND PROTECTION OF TRAFFIC MUST COMPLY WITH THE MANUAL OF UNIFORM TRAFFIC CONSTRUCTION PERIOD. MAINTENANCE AND PROTECTION OF TRAFFIC MUST COMPLY THE CONTRACTOR SHALL FURNISH ALL EFFORT, LABOR, EQUIPMENT AND MATERIALS REQUIRED TO PROPERLY, SAFELY AND ACCEPTABLY COMPLETE THE WORK IN A TIMELY MANNER. ALL WORK AND CONSTRUCTION PROCEDURES ARE SUBJECT TO THE APPROVAL OF THE ENGINEER/MAJOSON COUNTY/OWNER. THE CONTRACTOR WILL BE PRECEDED TO PROGRESS DILIGENTLY AND CONSISTENTLY ITS ACTIVITES AND OPERATION ON ALL WORKING DAYS WHEN WEATHER AND SOIL CONDITIONS ARE SUITABLE THEFFOR THE CONTRACTOR SHALL BEPROVAL OF THE CONTRACTOR SHALL BEPROVED TO SUITABLE THEFFOR THE DATE OF THE CONTRACTOR SHALL BEARD THE CONTRACTOR SHALL WARRANT HIS WORKMANSHIP AND MATERIALS PAPLICD AND INSTALLED FROM THE DATE
- THEREFOR. THE CONTRACTOR SHALL WARRANT HIS WORKMANSHIP AND MATERIALS APPLIED AND INSTALLED FROM THE DATE OF SUCH APPLICATION AND INSTALLATION UNTIL ONE YEAR AFTER ACCEPTANCE OF THE WORK BY THE OWNER. ALL EXISTING UTILITY LOCATIONS SHOWN ARE APPROXIMATE AND ARE BASED ON INFORMATION PROVIDED BY OTHERS. THE
- ALL EXISTING UTILITY LOCATIONS SHOWN ARE APPROXIMATE AND ARE BASED ON INFORMATION PROVIDED BY OTHERS. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE UTILITY OWNER'S TO VERIFY THE LOCATION AND ELEVATION OF ALL EXISTING UTILITIES (POWER, TELEPHONE, GAS, WATER, SEVER, ETC.) LOCATED IN THE PROJECT AREA PRIOR TO CONSTRUCTION AND COMPARE HIS FINDINGS AGAINST THE PROPOSED IMPROVEMENTS REQUIRED IN THESE PLANS. SHOULD ANY DISCREPANCIES BE FOUND BETWEEN THE EXISTING CONDITIONS AND PROPOSED IMPROVEMENTS THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY IN WRITING AND AWAIT FURTHER INSTRUCTION. THE CONTRACTOR SHALL BEAR FULL RESPONSIBILITY FOR THE PROTECTION OF ALL PRIVATE AND PUBLIC UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE UTILITY OWNER BY THE CONTRACTOR. THIS INCLUDES ALL SERVICE LATERALS OF ANY KIND.
- REPAIRED OR REPLACED TO THE SATISFACTION OF THE UTILITY OWNER BY THE CONTRACTOR. THIS INCLODES ALL SERVICE LATERIALS OF ANY KIND.

 THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING THE INTEGRITY AND OPERATIONS OF ALL ABOVE AND BELOW GROUND UTILITY FACILITIES AT ALL TIMES. THE CONTRACTOR SHALL CONDUCT ITS ACTIVITIES AND OPERATIONS TO INSURE THE FUNCTIONAL INTEGRITY OF EACH UTILITY FACILITY LOCATED WITHIN THE WORK SITE. CONTRACTOR ASSUMES FULL RESPONSIBILITY FOR DAMAGE TO ANY UTILITIES ENCOUNTEED WITHIN THE CONSTRUCTION UNITS WHETHER SHOWN ON THE PLANS OR NOT AND SHALL COORDINATE REPAIR, REPLACEMENT OR RELOCATION WITH THE APPROPRIATE UTILITY COMPANY AT O COST TO THE OWNER.
- NO COST TO THE OWNER.

 9. THE CONTRACTOR IS REQUIRED BY LAW TO NOTIFY MISSISSIPPI ONE CALL ® 811 AT LEAST 48 HOURS PRIOR TO CONSTRUCTION TO LOCATE ALL EXISTING UTILITIES ON ONSITE.

 10. THE CONTRACTOR WILL NOT BE RESPONSIBLE FOR DEMOLISHING OR REMOVING ANY EXISTING ABOVE OR BELOW GROUND TELEPHONE, CABLE, POWER, OR GAS LINES BUT SHALL BE RESPONSIBLE FOR COORDINATING HIS WORK WITH ALL LOCAL. UTILITY COMPANIES.
- UTILITY COMPANIES.

 1. THE CONTRACTOR SHALL VERIFY ALL SHOWN DIMENSIONS AND ELEVATIONS (EXISTING AND PROPOSED) IN THE FIELD AND SHALL SATISFY HIMSELF AS TO THE ACCURACY BETWEEN WORK SET FORTH ON THESE PLANS AND THE WORK REQUIRED IN THE FIELD. ANY DISCREPANCIES SHALL BE PROUGHT TO THE ATTENTION OF THE RECINIERE PRIOR TO CONSTRUCTION.

 12. THE CONTRACTOR SHALL MARK THE CONSTRUCTION LIMITS AND REVIEW WITH THE ENGINEER PRIOR TO PERFORMING
- ANY CLEARING OPERATIONS.

 13. THE CONTRACTOR SHALL CAREFULLY PROTECT AND PRESERVE ALL SURVEY MARKERS OR MONUMENTS ENCOUNTERED DURING
- CONSTRUCTION.

 14. THE CONTRACTOR SHALL UTILIZE TEMPORARY FENCING AS REQUIRED BY LOCAL, STATE AND FEDERAL CODES TO PROTECT AND
- 15. ALL MATERIAL THAT IS DEEMED UNSUITABLE AS FILL MATERIAL BY ENGINEER SHALL BE REMOVED FROM THE SITE (UNLESS
- 15. ALL MATERIAL THAT IS DEEMED UNSUITABLE AS FILL MATERIAL BY ENGINEER SHALL BE REMOVED FROM THE SITE (UNLESS OTHERWISE DIRECTED BY ENGINEER) AND LEGALLY DISPOSED OF BY THE CONTRACTOR. SUCH MATERIAL THAT IS SPOILED ON—SITE SHALL BE PAID FOR AS COMMON/UNCLASSIFIED EXCAVATION OR EXCESS/UNDERCUT EXCAVATION. CLASSIFICATION OF EXCAVATION SHALL BE DETERMINED BY ENGINEER.

 16. THE CONTRACTOR SHALL ESTABLISH A VEGETATIVE COVER (TEMPORARY AND/OR PERMANENT) IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS ON ALL AREAS WHERE THE EXISTING VEGETATION WAS REMOVED OR DISTURBED DURING
- CONSTRUCTION.

 17. ALL TESTING SHALL BE DONE BY AN APPROVED TESTING LABORATORY AT THE EXPENSE OF THE CONTRACTOR. THE

 CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING COPIES OF ALL TEST RESULTS TO THE ENGINEER. IF TESTING IS NOT A PAY ITEM IT SHALL BE ABSORBED. 18. THE CONTRACTOR SHALL RESTORE ALL DISTURBED AREAS TO MATCH PRE-CONSTRUCTION CONDITION OR BETTER PRIOR TO

- 18. THE CONTRACTOR SHALL RESIDER ALL DISTURDED AREAS TO MATCH PRE-CONSTRUCTION CONDITION OF BETTER PRIOR TO COMPLETION OF THE PROJECT.

 19. THE CONTRACTOR SHALL PLACE ALL EXCAVATED MATERIAL IN LOCATIONS TO PREVENT EROSION INTO DRAINAGEWAYS. ALL AREAS DISTURBED BY EXCAVATED MATERIAL PLACEMENT TO BE RESTORED TO ITS ORIGINAL CONDITION.

 20. ALL EXCAVATIONS ARE TO BE BACKFILLED AT THE END OF EACH WORK DAY.

 21. ALL FENCING, SIDEWAIKS, CURBS, FLOWER BEDS, PLANTERS, ETC. THAT IS DAMAGED DURING CONSTRUCTION WILL BE REPLACED AND RESTORED TO ITS ORIGINAL CONDITION AT NO COST TO THE OWNER.

 22. THE CONTRACTOR SHALL KEEP ALL ROADS CLEAN OF MUD AND DEBRIS AT ALL TIMES. CONTRACTOR MUST ENSURE THAT ROADS ARE CLEAN PRIOR TO LEAVING THE SITE FOR THE DAY, ALL CLEANING AND MAINTENANCE SHALL BE ABSORBED.
- ROADS ARE CLEAN PRIOR TO LEAVING THE SITE FOR THE DAY, ALL CLEANING AND MAINTENANCE SHALL BE ABSORBED.

 3. THE CONTRACTOR SHALL CAREFULLY REMOVE, STORE AND REINSTALL ALL CITY/COUNTY/STATE OWNED SIGNS WHOSE REMOVAL
 IS REQUIRED BY HIS CONSTRUCTION WORK IN THE PROJECT AREA. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO
 ARRAINGE FOR THE APPROPRIATE AGENCY TO INSPECT ALL SIGNS SCHEDULED TO BE REMOVED PRIOR TO THEIR REMOVAL.
 ONCE SAID SIGNS HAVE BEEN REMOVED, IT WILL BE ASSUMED THAT THEY WERE IN GOOD CONDITION AT THE TIME OF
 REMOVAL. ANY SIGNS DAMAGED OR LOST BY THE CONTRACTOR SHALL BE REPLACED AT NO COST TO THE APPROPRIATE

- REMOVAL.

 AGENCY.

 24. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING ANY AND ALL EXISTING STRUCTURES NECESSARY FOR COMPLETION OF WORK DESCRIBED IN THESE PLANS UNLESS OTHERMSE NOTED.

 25. ALL GRADING WORK SHALL BE PERFORMED IN A MANNER TO PROMOTE POSITIVE DRAINAGE AND KEEP THE EXISTING DRAINAGE PATTERNS. NO GRADING WORK SHALL ADVERSELY AFFECT ADJACENT PROPERTY OWNERS.

 26. PRIOR TO SUBMISSION OF ITS BID THE CONTRACTOR SHALL REVIEW THESE PLANS, THE ESTIMATED QUANTITIES FOR THE PRINCIPAL ITEMS OF WORK ON WHICH PAYMENT IS TO BE BASED, AND THE DOCUMENTS REFERENCED HEREIN. SUBMISSION OF ITS BID SHALL BE DEEMED A POSITIVE INDICATION THAT THE CONTRACTOR FOUND ALL OF SAME ADEQUATE FOR SUBMISSION OF ALMINT BEFOR BUD AND SOR DISTALL ADD AND ADD CONSTRUCTION OF THE WORLD STRUCTURE OF SUBMISSION OF ALMINT BEFOR BUD AND SOR DISTALL ADD AND ADD CONSTRUCTION OF THE WORLD STRUCTURE OF SUBMISSION OF A UNIT PRICE BID AND FOR INSTALLATION AND/OR CONSTRUCTION OF THE WORK.

 27. STATIONING AND LENGTHS SHOWN (STREET AND UTILITY) IS HORIZONTAL STATIONING MEASURED ON A LEVEL PLANE. ACTUAL LENGTH SHALL BE DETERMINED BY MEASUREMENT ALONG THE SLOPE OR CURVE.

 28. THE CONTRACTOR SHALL PROCURE ALL REQUIRED PERMITS AND LICENSES; PAY ALL FEES, CHARGES AND TAXES (INCLUDING
- 28. THE CONTRACTOR SHALL PROCURE ALL REQUIRED PERMITS AND LICENSES, PAY ALL FEES, CHARGES AND TAXES (INCLUDING SALES AND USE TAXES); GIVE ALL REQUIRED NOTICES; MAINTAIN AN ORDERLY AND ASFE FLOW OF TRAFFIC; MAINTAIN PROPER STORMWATER DRAINAGE; LOCATE AND AVOID DISRIPTING ALL EXISTING UTILITIES; TRANSPORT ALL EQUIPMENT AND MATERIALS AS REQUIRED BY ANY AGENCY HAUNG JURISDICTION OVER ANY ROAD UTILITIES; TRANSPORT, HANDLE AND INSTALL ALL MATERIALS IN ACCORDANCE WITH THEIR RESPECTIVE MANUFACTURER'S RECOMMENDATIONS AND PROJECT SPECIFICATIONS; PROPERLY BACKFILL ALL TRENCHES AND EXCAVATIONS; MAINTAIN A CLEAN AND ORDERLY WORK SITE; PROMPILY REMOVE ALL EQUIPMENT, DEBRIS AND EXCESS SOILS AND/OR MATERIALS ON COMPLETION OF THE WORK; AND RESTORE TO SUBSTANTIALLY THE SAME OR BETTER CONDITIONS ALL DISTURBED PAVEMENTS AND GROUND SURFACES.

 29. NO ACTIVITY REQUIRED FOR THE ACCOMPLISHMENT OF THE WORK IS TO BE PERFORD WHEN SOIL CONDITIONS ARE NOT CONDUCTVE THEREFOR. DRAINAGE SHALL BE MAINTAINED AT ALL TIMES. CONTRACTOR SHALL CONDUCT ITS OPERATIONS AND ACTIVITIES IN SUCH A MAINTER AS TO MINIMIZE THE ERGSION OF SOILS AND THE DEPOSITION OF SEDIMENTS INTO EXISTING DRAINAGE COURSES DOWNSTREAM OF PROJECT WORK SITE OR ONTO ADJACENT PROPERTIES.
- 30. ELEVATIONS ARE BASED ON M.S.L. DATUM (NAVD 88).

STORM DRAIN NOTES:

- TECHNICAL SPECIFICATIONS FOR STORM DRAIN CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS AND THE LATEST EDITION OF MISSISSIPPI STANDARD SPECIFICATIONS FOR STATE AID ROAD AND BRIDGE CONSTRUCTION.
 JOINTS SHALL BE CONSTRUCTED AND JOINTED TOGETHER IN SUCH A MANNER THAT NO SPILL THROUGH OF BACKFILL WILL
- OCCUR.

 3. ALL REINFORCED CONCRETE PIPE (R.C.P.) SHALL BE CLASS III UNLESS OTHERWISE NOTED AND WRAPPED IN FILTER CLOTH AT ALL JOINTS. LIFT HOLES TO BE GROUTED AND SEALED WATER TIGHT.

WATER & SEWER NOTES:

- ALL MATERIALS AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THESE PLANS AND WATER ASSOCIATION

- ALL MATERIALS AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THESE PLANS AND WATER ASSOCIATION SPECIFICATIONS.
 THE CONTRACTOR SHALL PROVIDE ALL THE MATERIALS AND APPURIENANCES NECESSARY FOR THE COMPLETE INSTALLATION OF WATER AND SEWER UTILITIES.
 THE CONTRACTOR SHALL MAKE ALL TIES TO EXISTING STUB—OUTS PROVIDED BY BEAR CREEK WATER ASSOCIATION.
 ALL MANHOLES, VALVE BOXES, AND FIRE HYDRANTS SHALL BE ADJUSTED TO PROPER LINE AND FINISHED GRADE BY THE CONTRACTOR AFTER PLACING OF PAVEMENT AND BEFORE FINAL ACCEPTANCE.
 TRENCHING AND EMBEDMENT WORK SHALL CONFORM TO ALL REQUIREMENTS AND SHALL FOLLOW THE TYPICAL CROSS—SECTION DETAIL FOR TRENCHING. UNLESS SPECIFIED OTHERWISE, BACKFILL MATERIAL SHALL BE COMPACTED TO 95% DENSITY OF STANDARD PROCTOR IN ACCORDANCE WITH ASTM D—698. ALL BACKFILL MATERIAL SHALL BE COMPACTED IN 6" LAYERS
- OTHE FOR DE WATER AND SEWER LINES SHALL BE TIGHTLY CAPPED OR PLUGGED AND MARKED UNTIL SUCH TIME AS
- THE END OF WATER AND SEWER LINES SHALL BE TIGHTLY CAPPED OR PLUGGED AND MARKED UNTIL SUCH TIME AS SERVICE CONNECTIONS ARE MADE OR LINES ARE EXTENDED.

 ALL WATER LINES AND SANITARY SEWER LINES SHALL BE INSTALLED WITH A MINIMUM OF THREE FEET (3') OF COVER OVER THE TOP OF THE PIPE AT FINISHED GRADE OR AS SHOWN OTHERWISE. WHERE INSTALLED IN A ROADWAY SECTION THE MINIMUM COVER OVER THE TOP OF THE PIPE SHALL BE FOUR FEET (4'). BACKFILL SHALL BE PLACED IN 6" LIFTS AND COMPACTED TO 96% STANDARD PROCTOR DENSITY.

 TEN FEET (10') OF HORIZONTAL CLEARANCE IS REQUIRED BETWEEN ALL WATER AND SEWER LINES. AT LOCATIONS
- TEN FEET (10") OF HORIZONTAL CLEARANCE IS REQUIRED BETWEEN ALL WATER AND SEWER LINES. AT LOCATIONS WHERE THE WATER AND SEWER LINES MUST CROSS EACH OTHER THERE SHALL BE A MINIMUM CLEARANCE OF 18" WITH THE WATER PASSING OVER THE SEWER. IF THESE SEPARATIONS CANNOT BE MET, THE SEWER LINE SHALL BE CONSTRUCTED TO THE SAME SPECIFICATIONS AS THE WATER LINE AND BE WATER TIGHT UNTIL SUCH A POINT WHERE MINIMUM SEPARATION CAN BE MET. WHERE GRAVITY FLOW SEWERS CROSS ABOVE WATER LINES, THE SEWER PIPE FOR A DISTANCE OF TEN (10") FEET, EACH SIDE OF THE CROSSING, EITHER SHALL BE DUTLE IRON PRESSURE PIPE WITHOUT ANY JOINT CLOSER THAN THREE (3") FEET TO THE CROSSING, OR SHALL BE FULLY ENCASED IN CONCRETE.

FROSION CONTROL NOTES:

- 1. "TEMPORARY EROSION CONTROL" PAY ITEM INCLUDES ALL ITEMS SHOWN ON THE CONTRACT DRAWINGS AND ALL ITEMS REQUIRED TO STAY IN COMPLIANCE WITH THE REQUIREMENTS OF THE MADISON COUNTY AND THE MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY (MOEQ).

 2. EROSION CONTROL ITEMS DEPICIED ON THE CONTRACT DRAWINGS ARE THE MINIMUM REQUIREMENTS. CONTRACTOR IS RESPONSIBLE TO INSTALL ADDITIONAL ITEMS AS NEEDED TO MEET ABOVE MENTIONED REQUIREMENTS.

 3. THE CONTRACTOR SHALL TAKE ALL NECESSARY MEASURES TO CONTROL EROSION AND STORM WATER POLLUTION THROUGHOUT THE CONSTRUCTION PERIOD IN ACCORDANCE WITH THE REQUIREMENTS OF THE MOEQ. THIS INCLUDES BUT IS NOT UNITED TO PROPER INSTALLATION AND MAINTENANCE OF ALL TEMPORARY AND PERMANENT MEASURES, INSPECTIONS, INSPECTION REPORTS, AND UPDATES TO EROSION CONTROL PLAN SHOWING FAILURES, REPAIRS AND INSPECTIONS, INSPECTION REPORTS, AND UPDATES TO EROSION CONTROL PLAN SHOWING FAILURES, REPAIRS AND ADDITIONAL MEASURES TAKEN.
- AUDITIONAL MEASURES TAKEN. ALL TEMPORARY EROSION CONTROL MEASURES SHALL BE IN PLACE BEFORE ANY CONSTRUCTION ACTIVITIES BEGIN.
- ALL IEMPORARY EROSION CONTROL MEASURES STALL BE IN PLACE BEFORE ANY CONSTRUCTION ACTIVITIES BEGIN. CLEARING AND GRUBBING SHALL BE HELD TO THE MINIMUM WIDTH NECESSARY TO ACCOMMODATE IMPROVEMENTS. EMBANKMENTS AND EXCAVATED AREAS SHALL BE PROMPILY STRAIGHTED HINDING EROSION WHORE SHALL BE USED ALONG THE TOE OF FILL SLOPES, IN DITCHES, AND IN OTHER AREAS WHERE EROSION IS A PROBLEM AND SILT LADEN RUNOFF MAY ENTER A STREAM, DITCH OR ADJACENT PROPERTY.
- UNION UN AUMACENT PROPERTY.
 ANY STOCKPILED SOIL OR FILL MATERIAL SHALL BE LOCATED AND TREATED IN A MANNER TO PREVENT SILT FROM
 ENTERING STREAMS, DITCHES OR ADJACENT PROPERTY. NO EXCAVATED MATERIAL SHALL BE DISCHARGED FROM THE
 CONSTRUCTION LIMITS. THE CONTRACTOR SHALL DISPOSE OF ALL EXCAVATED MATERIAL IN A LOCATION APPROVED BY
 THE ENCONEEN

- CONSTRUCTION LIMITS. THE CONTRACTOR SHALL DISPOSE OF ALL EXCAVATED MATERIAL IN A LOCATION APPROVED BY THE ENGINEER.

 9. ALL SOIL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE CONTINUALLY MAINTAINED. THE CONTRACTOR SHALL KEEP ALL AREAS ADJACENT TO THE LIMITS OF CONSTRUCTION FREE OF MUD AND DEBRIS.

 10. CONTRACTOR SHALL COMPLY WITH THE EROSION CONTROL REQUIREMENTS OF THE MADISON COUNTY AND THE REQUIREMENTS OF THE MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY.

 11. CONTRACTOR TO UTILIZE APPROVED BEST MANAGEMENT PRACTICES FOR EROSION AND SEDIMENT CONTROL.

 12. ALL DISTURBED AREAS NOT PAVED SHALL BE SEEDED, MULCHED, FERTILIZED AND WATERED AS REQUIRED TO PREVENT EROSION.
- EROSION.

 13. ALL EROSION CONTROL DEVICES SHALL REMAIN IN PLACE UNTIL THE DISTURBED UPSTREAM AREA HAS BEEN INSPECTED BY THE ENGINEER AND APPROVAL HAS BEEN GIVEN FOR REMOVAL.

 14. CONTRACTOR WILL PROVIDE A STORAGE AREA FOR ALL POTENTIALLY TOXIC MATERIALS THAT ARE TO BE STORED ON
- SITE. THE LOCATION OF THIS AREA SHALL BE COORDINATED WITH THE ENGINEER/MADISON COUNTY.

 15. FUEL AND MATERIAL STORAGE AREAS SHALL BE LOCATED AS FAR AWAY FROM ANY DITCHES OR STREAMS AS POSSIBLE.

 A GOMIL POLYETHYLENE LINER IS REQUIRED UNDER FUEL TANKS.

 16. CONTRACTOR WILL BE RESPONSIBLE FOR ANY REPAIRS OR REPLACEMENT REQUIRED TO RESTORE AREAS TO THEIR
- ORIGINAL CONDITION WHERE EROSION CONTROL MEASURES EALLED

SITE GRADING AND PAVING NOTES:

- TECHNICAL SPECIFICATION FOR MATERIALS AND CONSTRUCTION METHODS FOR THIS PROJECT SHALL CONFORM TO THE
- 1. IELEMNICAL SPECIFICATIONS MANUAL, THE LATEST EDITION OF MISSISSIPPI STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION MANUAL, THE LATEST EDITION OF MISSISSIPPI STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE GEOETICHNICAL REPORT. THE GEOTIC HINCAL REPORT SET SET WEEN REFERENCED SPECIFICATIONS AND GEOTECHNICAL REPORT THE GEOTICHNICAL REPORT SHALL GOVERN.

 2. EARTH EXCAVATION SHALL INCLUDE CLEARING, STRIPPING, AND THE STOCKPLING OF TOPSOIL, REMOVING UNSUITABLE MATERIALS, THE CONSTRUCTION OF EMBANKENTS, NON-STRUCTURAL FILLS, INSLAPPING AND TRIMBING TO THE LINES, GRADES AND CROSS SECTIONS SHOWN ON THE PLANS. ALL UNSUITABLE OR EXCESS MATERIAL SHALL BE INDEPOSED OF AS DIRECTION BY THE ENGINEER
- DISPOSED OF AS DIRECTED BY THE ENGINEER. AS AN INITIAL STEP OF SITE PREPARATION, TREES AND VEGETATION WITHIN THE CONSTRUCTION LIMITS SHOULD BE
- AS AN INITIAL SIEP OF SITE PREPARATION, TREES AND VEGETATION WITHIN THE CONSTRUCTION LIMITS SHOULD BE REMOVED. TREE AND VEGETATION REMOVAL (CLEARING AND GRUBBING) MILL INCLUDE STUMPS AND ROOT SYSTEMS. HOLES CREATED BY TREE AND STUMP REMOVAL SHOULD BE BACKFILLED WITH COMPACTED SELECT FILL SOILS. AFTER CLEARING AND GRUBBING, STRIPPING (6° MINIMUM DEPTH) SHOULD BE PERFORMED TO A SUFFICIENT DEPTH WITHIN CONSTRUCTION AREAS TO REMOVE ORGANIC-LADEN SUFFICIAL SOILS, VEGETATION, DEBRIS, BRUSH AND ROOTS (TOPSOIL). TOPSOIL EXCAVATED SHALL BE STOCKPILED ON THE SITE IN AREAS DESIGNATED BY THE ENGINEER UNTIL SUCH TIME THAT THIS TOPSOIL CAN BE USED FOR FINAL GRADING. THIS INTO A PAY YIEM, BUT SHALL BE AN ABSORBED COST.
- ABSUNCE UCST. ONCE CLEARING, GRUBBING, AND STRIPPING HAS BEEN COMPLETED THE CONTRACTOR SHALL EXCAVATE AREAS THAT ONCE CLEARING, GROBBING, AIM SIMIPPING BAS BEED COMPLETED THE CONTRACTOR SHALL EAZAVITE. AND ARE TO BE CUT TO REACH PLAN GRADE. CONTRACTOR SHALL THEN NOTIFY THE ENGINEER FOR A FIELD INSPECTION OF THE SUBGRADE PRIOR TO PLACEMENT OF ANY SELECT FILL. CONTRACTOR SHALL HAVE EQUIPMENT AVAILABLE TO PERFORM A PROOF ROLL OR FOR FURTHER EXCAVATION SHOULD THE ENGINEER DEEM MCGESSARY. FINE-GRAINED PERFORM A PROOF ROLL OR FOR FURTHER EXCAVATION SHOULD THE ENGINEER DEEM NECESSARY. FINE-GRANEU SOILS EXPOSED AFTER STRIPPING, EXCAVATION AND UNDERCUTTING ARE SUSCEPTIBLE TO PUMPING AND/OR BECOMING UNSTABLE AND RUTTING EXCESSIVELY UNDER WET CONDITIONS. THE CONSTRUCTION TECHNIQUES, TYPES OF EQUIPMENT UTILIZED AND SITE DRAINAGE PROVIDED DURING CONSTRUCTION WILL HAVE A GREAT FEFT ON THE PERFORMANCE OF THE FINE-GRAINED SOILS THROUGHOUT THE PROJECT. THE ROUTING OF RUBBER-TIRED EQUIPMENT SHOULD BE CONTROLLED TO MINIMIZE TRAFFIC OVER THE SITE. ALL TRAFFIC SHOULD BE DISCOURAGED DURING PERIODS OF INCLEMENT WEATHER.
- INVLEMENT MEATHER.
 UNDERCUTTING AND BACKFILLING WILL BE REQUIRED TO REMOVE EXPANSIVE CLAYS (CH) IF PRESENT AND CREATE THE
 RECOMMENDED SOIL BUFFER DESCRIBED BELOW AT ALL PAVEMENT AND CURB LOCATIONS. NO UNDERCUTTING SHALL BE PERFORMED WITHOUT APPROVAL FROM ENGINEER.
 IMPORT SELECT FILL MATERIAL SHALL CONSIST OF SELECT, NON-ORGANIC AND DEBRIS-FREE SILTY CLAYS (CL) HAVING
- MMPORT SELECT FILL MATERIAL SHALL CONSIST OF SELECT, NON-ORGANIC AND DEBINS-FREE SILTY CLAYS (CL) HAWIN
 A PLASTICITY INDEX (PO) WITHIN THE RANGE OF 8 TO 22 AND A LIQUID LIMIT LESS THAN 45. TO BE CLASSIFIED AS
 SILTY CLAYS (CL) THE FILL MATERIALS MUST HAVE MORE THAN 70% FINES PASSING THE NUMBER 200 SIEVE.
 FILL SOILS SHOULD BE COMPACTED FROM LIFTS NOT EXCEEDING 8" IN LOOSE THICKNESS TO NOT LESS THAN 98%
 STANDARD PROCTOR DENSITY. STABILITY MUST BE EVIDENT DURING COMPACTION OF EACH LIFT BEFORE ANY
 SUBSEQUENT LIFTS OF FILL MATERIAL ARE ADDED.
- STANDARD PROCTOR DENSITY. STABILITY MUST BE EVIDENT DURING COMPACTION OF EACH LIFT BEFORE ANY SUBSEQUENT LIFTS OF FILL MATERIAL ARE ADDED.

 9. FIELD MOISTURE/DENSITY TESTS SHALL BE PERFORMED FREQUENTLY IN THE SCRIEDED AND COMPACTED ON—SITE SOILS AND IN EACH COMPACTED LIFT OF FILL MATERIAL. TESTS TO BE PERFORMED AT THE FREQUENCY REQUIRED IN THE GEOTECHNICAL REPORT. TEST RESULTS TO BE FAXED TO BENCHMARK ENGINEERING & SURVEYING, LLC AT 801—591—0711. A PROOF ROLL OF THE SUB-GRADE FOR THE CURB AND PARKING OITS ALSO REQUIRED PRIOR TO BLACEMENT OF CURB & GUTTER AND ASPHALT BASE. CONTRACTOR SHALL NOTIFY ENGINEER AT A MINIMUM OF 48 HOURS PRIOR.

 10. THE GRADING AND CONSTRUCTION OF THE SITE IMPROVEMENTS SHALL NOT CAUSE THE PONDING OF STORM WATER. ALL AREAS ADJACENT TO THESE IMPROVEMENTS SHALL BE GRADED TO ALLOW POSITIVE DRAINAGE. POSITIVE DRAINAGE SHALL BE MAINTAINED AT ALL TIMES.

 11. THE CONTRACTOR SHALL TAKE SPECIAL CARE IN GRADING NEAR TREES, BUSHES AND SHRUBS WHICH ARE NOT TO BE REMOVED SO AS NOT TO CAUSE INJURY TO ROOTS OR TRUNKS.

 12. THE CONTRACTOR SHALL USE CARE IN GRADING OR EXCAVATION NEAR ANY AND ALL EXISTING ITEMS WHICH ARE NOT INDICATED TO BE REMOVED. ANY DAMAGE DONE TO THESE EXISTING ITEMS BY THE CONTRACTOR'S OPERATIONS SHALL BE BERFARDED AT THE CONTRACTOR'S OPERATIONS SHALL BE BERFARDED AT THE CONTRACTOR'S OPERATIONS SHALL BE REPROVED.

- BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
- BE REPAIRED AT THE CONTRACTOR'S EXPENSE.

 13. PROPOSED ELEVATIONS INDICATE FINISHED CONDITIONS. FOR ROUGH GRADING ELEVATIONS ALLOW FOR THICKNESS OF
- PROPOSED ITEMS (ROADS, WALKS, DRIVES, ETC.) OR TOPSOIL AS SHOWN. STREET PAYING AND CURBS TO REMAIN SHALL BE PROTECTED FROM DAMAGE, AND IF DAMAGED, SHALL BE REPLACED

STANDARD ABBREVIATIONS, SYMBOLS & LINETYPES

PROP. SS MH PROP. SS CLEANOUT

PROP. CI (SINGLE) PROP O (SINGLE FYT)

PROP. CI (DBL EXT.)

PROP. FIRE HYDRANT ASSY.

PROP. GATE VALVE ASSY. PROP. SPOT ELEV.

PROP. WATER METER ASSI

PROP. BACKFLOW ASSY.

EX. SS LIFT STATION

EX, GATE VALVE ASSY.

EX. WATER METER ASSY SET IRON PIN

EX. POWER POLE

FOLIND IRON PIN

EX. a

BORE HOLE LOCATION

EX. a (SINGLE EXT.)

EX. O (DBL EXT.)

PROP. SS MH LABEL

PROP, GRATE INLET

TEMP. BM

EX. SS MH

SYMBOLS

ABBREVIATIONS AVERAGE BASE FLOOD ELEVATION BUILDING BENCHMARK CHORD LENGT CURB INLET CONCRETE
CONSTRUCTION
CORRUGATED METAL PIPE
CORRUGATED PLASTIC PIPE
CUBIC YARD Φ^{MBT} DUCTILE IRON PIPE DOUBLE DOUBLE
DOUBLE
DRAWING
EACH
EASEMENT
EDGE OF PAVEMENT
EXISTING
EXISTING ഒ EACH WAY FLARED END SECTION
FINISHED FLOOR ELEVATION
FLOWLINE (EQUALS INVERT
SANITARY SEWER FORCE IN BH-1 GATE VALVE GRATE INLET egges HIGHWAY INVERT (EQUALS FLOWLINE) JUNCTION BOX POUND LINEAR FEET (HORIZONTAL SANITARY SEWER MANHOLE ON CENTER POINT OF CURVATURE

咽 ◉ Char FLOOD ZONE AE

PROPOSED
PROPOSED
POINT OF TANGENCY
RADIUS
REINFORCED CONCRETE PIPE
REINFORCED CONCRETE ARCH PIPE RIGHT OF WAY RAILROD STORM DRAIN SHOULDER SANITARY SEWER STATION SQUARE YARD TANGENT LENGTH TOP BACK OF CURB TEMPORARY TOE OF SLOPE TOP OF BANK TOP OF PAVEMENT (ALL TYPES) TRIPLE TOP OF STDEWALK

R.O.W./ROX

PROP SO STRUCTURE LARFE EX. FIRE HYDRANT ASSY. BB PROP. F.E.S. EX F.E.S. PROP. WATTLE F.E.S. INLET PROTECTION

PROP, CI PROTECTION IN SAG POINT OF INTERSECTION PROP. OF PROTECTION **HATCHES**

> FLOOD ZONE X 820 11/10 HEAVY DUTY ASPHALT BLDG.

100 COUST ROAD

::::

LINETYPES HIMA! CULVERY EX. FENCE BARBED WIRE ___ x _____ x ____ EX. FENCE CYCLONE EX. FENCE WROUGHT IRON EX. FENCE WOOD EX. FIBER OPTIC EX. GAS LINE EX. GROUND CONTOUR LINE EX. LANDSCAPING OP-----111111111111 FX. TOE SLOPE 100-EX. TOP BANK EX. TREE LINE EX. WATER'S EDGE EX. WATER LINE BASE FLOOD ELEVATION FLOODWAY LINE EXW FLOOD ZONE LINE
PROP. EP
PROP. CASNIG
PROP. CALENINI LIMITS
PROP. CLEARNIO LIMITS
PROP. CASE
PROP. FANSE
PROP. FENSE BARBED WIRE
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PROP. FROM SINGELER FLOOD ZONE LINE

_..... _____ ____ x-___ x-___ -0-0-0 PROP. GAS LINE PROP. PHASE LINE PROP. PROPERTY PROP. RET. WALL ____ PROP. RET. WALL
PROP. R.O.W.
PROP. SD CULVERT
PROP. SETBACKS
PROP. SETBACKS
PROP. SETFENCE
PROP. SS FM
PROP. SS FM
PROP. SS FM
PROP. SS EMICE LINE ______

DATE: C CHECKE REF C, EG SU

FRK ING, LLC

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88 PROJECT LOCATION:
WESTFALEN I
MADISON COU
CLENT:
CEDARSTONE
MADISON MS NS S

COMMERCIAL

CONSTRUCTION CEDARSTONE

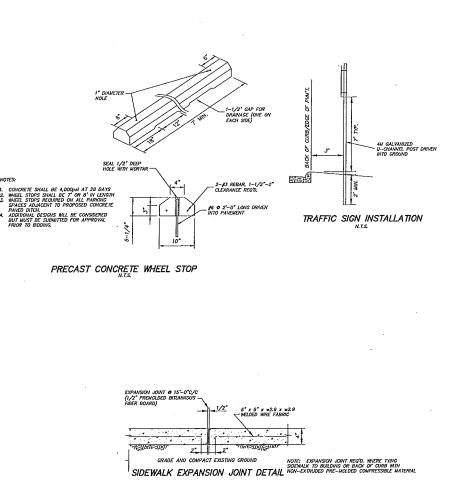
SHEET NUMBER C1.1

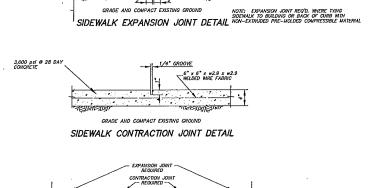
PROJECT NUMBER B-5156

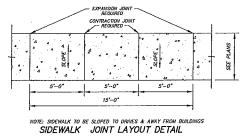
NOTES:

IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT ITS OPERATORS, SUB CONTRACTORS, & EMPLOYEES ARE AWARE OF THE POTENTIAL UTILITY CONFLICTS WITHIN THE WORK AREA WHERE IMPROVEMENTS ARE TO BE TAKE PLACE AND/OR UTILITY UNES ARE TO BE INSTALLED.

EXISTING UNDERGROUND UTILITIES REPRESENTED ON THESE PLANS WERE FIELD LOCATED PER THE MARKINGS OF A UTILITY LOCATING COMPANY AND THEIR REPRESENTATIVES. A VITILITY LOCATING COMPANY AND THEIR REPRESENTATIVES AND VERTICAL INFORMATION WAS PROVIDED. THESE LOCATIONS SHOULD BE CONSIDERED APPROXIMATE AND IT SHALL BE UNDERSTOOD THAT THE SURVEYOR IS NOT RESPONSIBLE FOR THE CORRECTIVESS OF SUFFICIENCY REGARDING THE UNDERGROUND UTILITIES (SHOWN OF NOT SHOWN). THE ENGINEER/SURVEYOR/OWNER PROVIDES NO CERTIANTY OF THE ACCURACY OF THE INFORMATION SHOWN NOR CERTIFICATION THAT ADDITIONAL UTILITY LINES ARE NOT PRESENT IN THE CONSTRUCTION LUMITS WHILE NOT SHOWN ON THE DRAWNINGS. THE DRAWINGS.

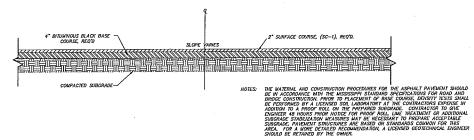






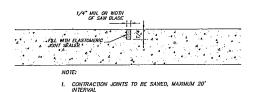
NOTE: TOOLED JOINTS TO BE EQUALLY SPACED

SIDEWALK AT BUILDING & EDGE OF PAVEMENT $_{\text{N.T.S.}}$

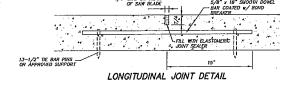


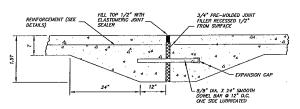
TYPICAL ASPHALT PAVEMENT STRUCTURE N.T.S.

TYPICAL CONCRETE PAVEMENT STRUCTURE

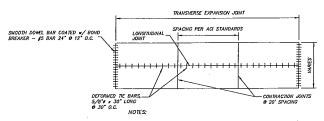


CONTRACTION JOINT DETAIL



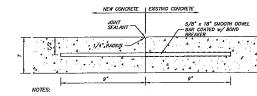


TRANSVERSE EXPANSION JOINT DETAIL

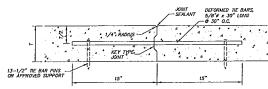


- 1. LONGITUDINAL JOINTS REQUIRED ON PAVEMENT THAT IS 24' OR MIDER AND IS TO BE CENTERED. 2. SEE DETAILS FOR MORE INFORMATION OF JOINT CONSTRUCTION AND DOUKE BARS. 3. KEY TIPE JOINT SHALL BE USED ON ALL LONGITUDINAL JOINTS WHEN ADJACENT LANE IS NOT POURED AT THE SAME TIME.

TYPICAL JOINT SPACING FOR RIGID PAVEMENT



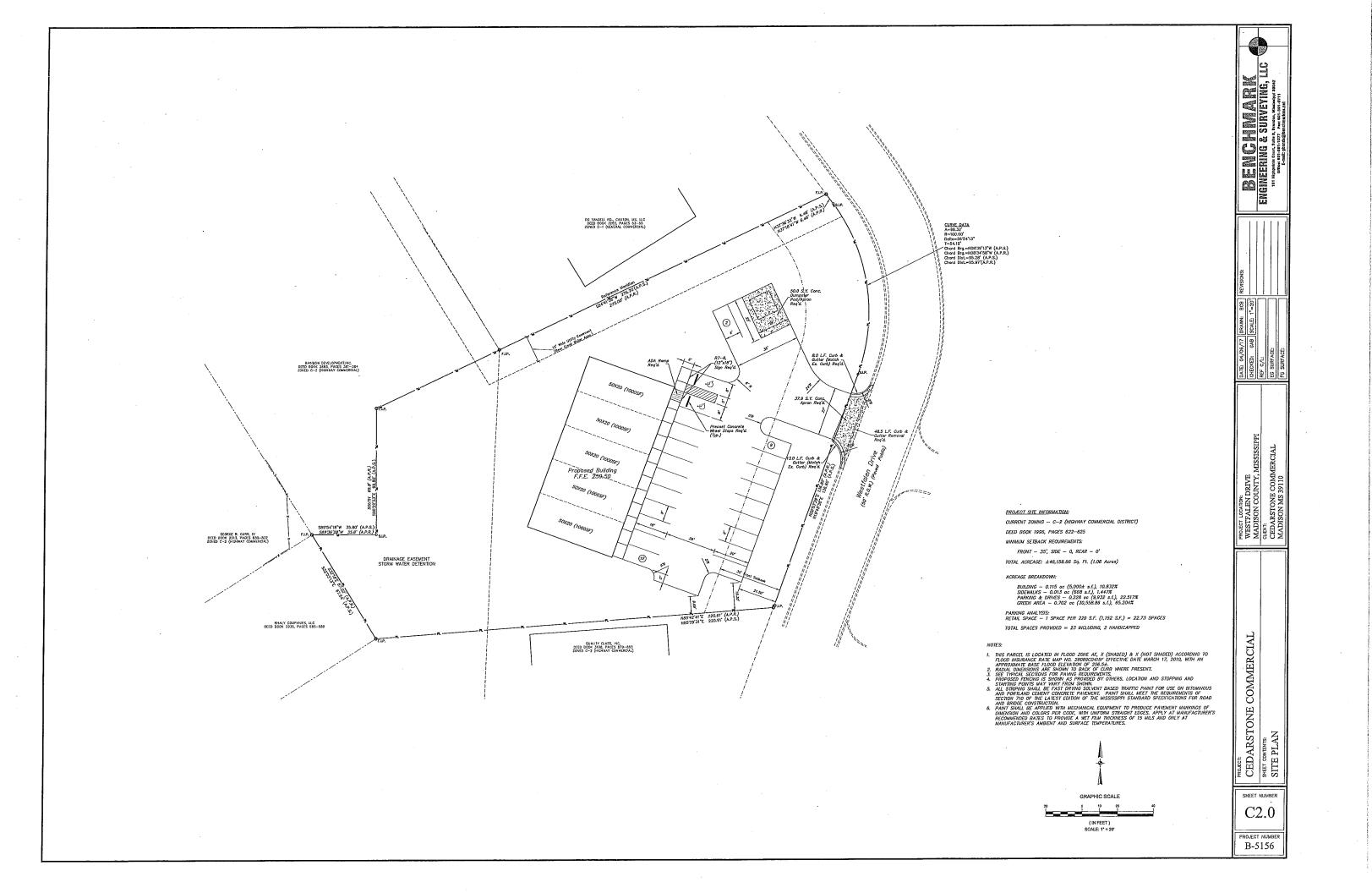
PROPOSED CONCRETE PAVEMENT TO EXISTING CONCRETE PAVEMENT DETAIL

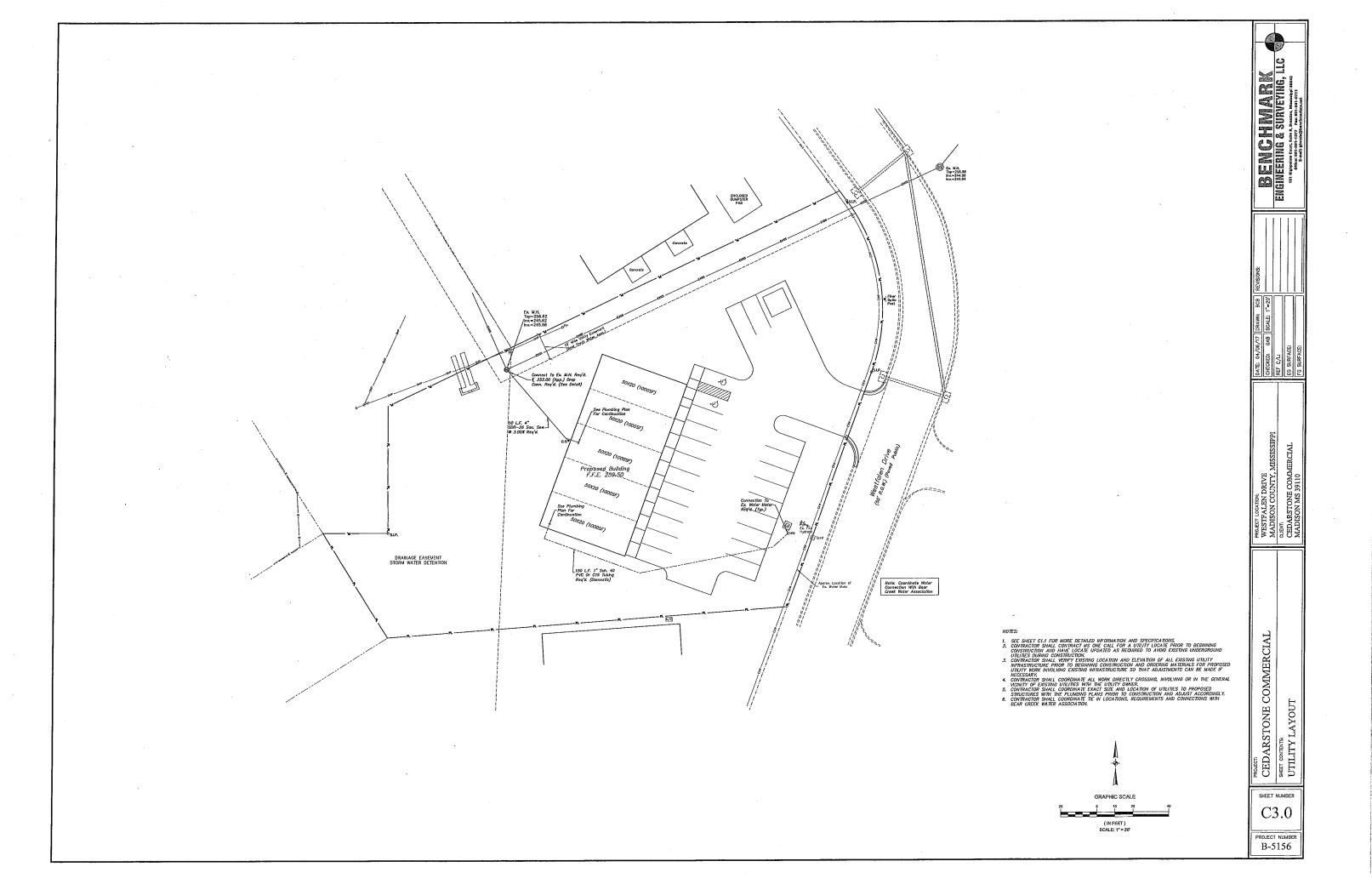


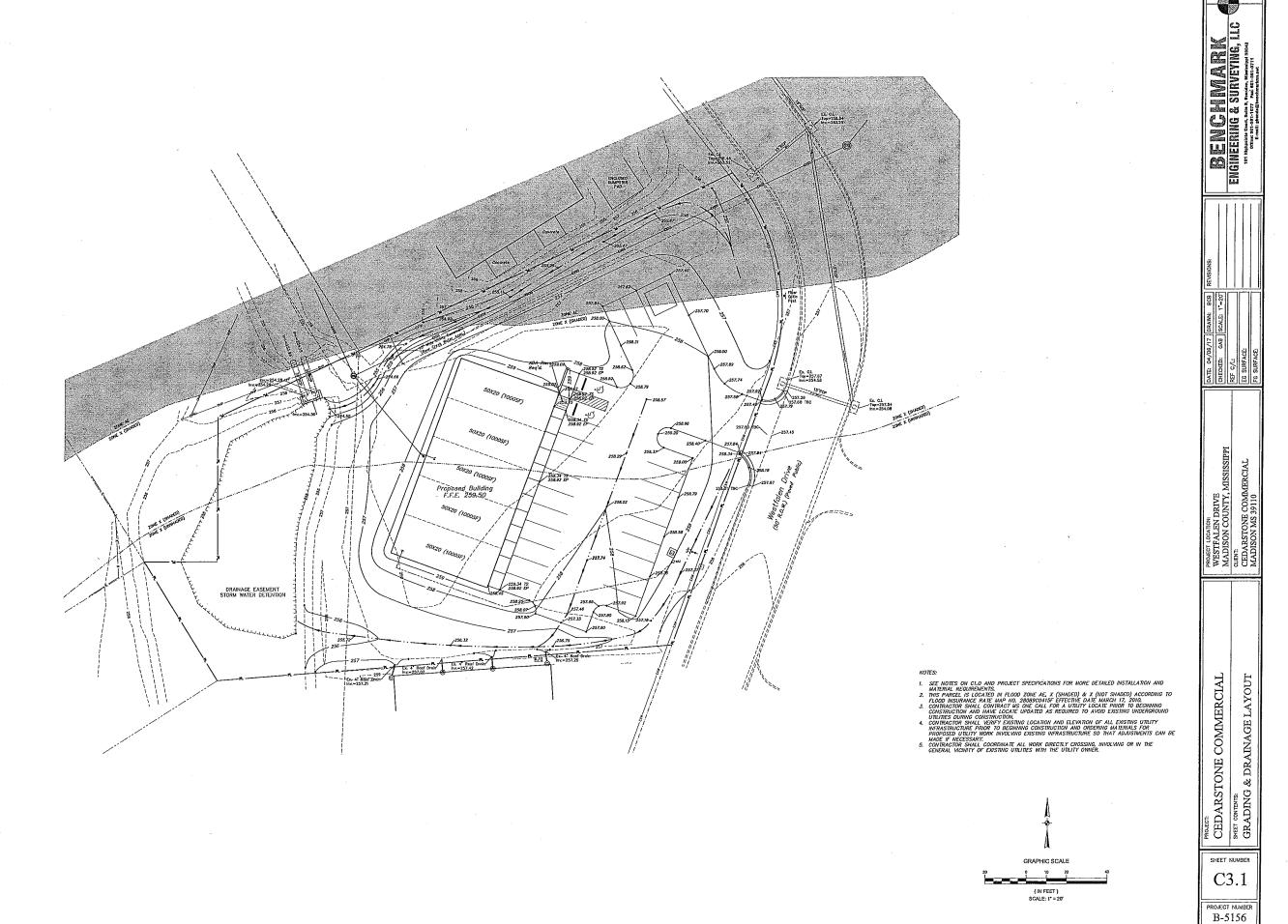
CONSTRUCTION JOINT DETAIL

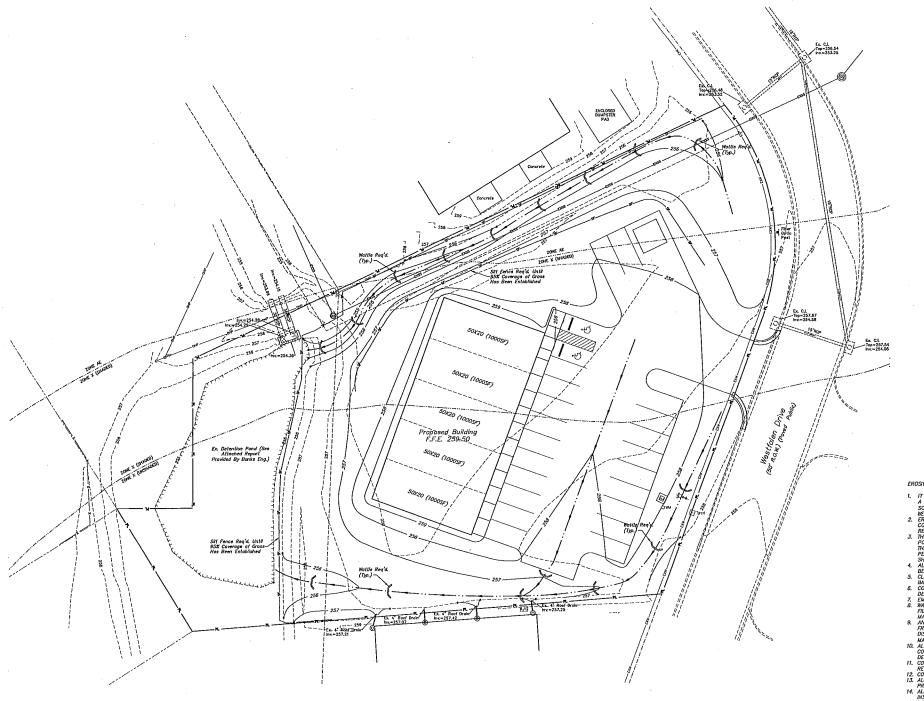
PROJECT
CEDARSTONE COMMERCIAL
SHEET CONTRYS
MISCELLANEOUS DETAILS SHEET NUMBER C1.2

BENGINEERING & SURVEYING, LLC









CONSTRUCTION SEQUENCE

Construction Activity	Schedule Consideration
Construction Access: Construction entrance, construction routes, equipment parking and materials storage area.	First land-disturbing activity, stobilize bare areas immediately with gravel and temporary vegetation as construction takes place, construct equipment and materials staging area. Install temporary sanitary facilities & trash containers.
Sediment Traps and Barriers: Sediment fences, straw bale barriers, Inlet protection & sediment basins	Install principal bosins after construction site is accessed. Install additional trops and barriers as needed during grading.
Runoff Control. Diversions, water bars, and outlet protection.	Install key practices after principal sediment traps and before land grading. Install additional runoff-control measures during grading.
Runoff Conveyance System. Stabilize stream banks, storm droins, channels, inlet and outlet protection, slope drains.	Where necessary, stabilize stream banks as early as possible. Install principal runoff conveyance with runoff control measures. Install remainder of system after grading.
Land Clearing and Grading, Site preparation, cutting, filling and grading, sediment basins, barriers, diversions, drains, surface roughening.	Begin major clearing and grading after principal secliment and key runolf control measures are installed. Clear borrow and disposal races only as needed. Install additional control measures as grading progressed. Don't allow aquipment or personnel within drip line of marked trees.
Surface Stabilization. Temporary and permanent seeding, mulching, sodding, and rip-rap.	Apply temporary or permanent stabilization measures immediately on all disturbed areas where work is delayed or complete.
Building Construction. Buildings, utilities, poving.	Install necessary erosion and sedimentation control practices as work takes place. Install a sealable materials storage container in staging area, construct a temporary concrete washout area.
Landscaping and Final Stabilization. Top soiling, trees and shrubs, permanent seeding, mulching, sodding, rip-rap.	Last construction phase — remove temporary concrete washout area, stabilize all open areas, including borrow and spoil areas. Remove and stabilize all temporary control measures.

EROSION CONTROL NOTES:

- 1, ALL TEMPORARY ÉROSON CONTROL, MEASURES SHALL BE IN PLACE BEFORE ANY CONSTRUCTION ACTIVITIES BEGIN.

 BEGIN.

 ILLERING AND GRUBBING SHALL BE HELD TO THE MINIMUM MOTH NECESSARY TO ACCOMMODATE IMPROVEMENTS.

 ILLERING AND ENCAMATED AREAS SHALL BE COORDINATED WITH THE MADISON COUNTY BUILDING DEPARTMENT.

 BURNINGSON CHECKS. SLI FENCING OR OTHER APPROVED BURS SHALL BE USED ALLONG THE TOE OF FALL SLOPES IN DITCHES, AND IN OTHER AREAS WHERE EROSION IS A PROBLEM AND SIT LABER RUNGOF MAY ENTER A STREAM, DITCH OR ADJACENT PROPERTY.

 ANY STOCKPUED SOLL OR FILL MATERIAL SHALL BE LOCATED AND TREATED IN A MANNER TO PREVENT SLT FROM ENTERING STREAMS, DITCHES OR ADJACENT PROPERTY. ON EXCAVATED MATERIAL SHALL BE USICHARGED FROM THE CONSTRUCTION MINTS. THE CONTRACTOR SHALL DISPOSE OF ALL EXCAVATED MATERIAL SHALL BE AND ALLOSED OF ADJACENT TO THE LIMITS OF ECONTRACTOR SHALL DISPOSE OF ALL EXCAVATED ON THE SHALL BE LOCATED AND TREATED IN A MAINTAINED. THE CONTRACTOR SHALL DESPOSE OF ALL EXCAVATED MATERIAL THE ADDRESSION AND SERMENT CONTRACTOR MEASURES SHALL BE CONTRACTOR SHALL KEEP ALL AREAS ADJACENT TO THE LIMITS OF CONSTRUCTION TREE OF MOD AND DEBINS.

- CONTRACTOR SHALL KEEP ALL AREAS ADJACENT TO THE LIMITS OF CONSTRUCTION THEE OF MOU AND DEBINS.

 DEBINS.

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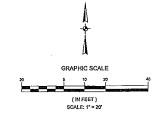
 TO SHALL COLDRY WITH THE REPOSON CONTROL REQUIREMENTS OF MAIDSON COUNTY AND THE REQUIREMENTS OF THE MISSISSEPPI DEPARTMENT OF ENMANDEMENT PRACTICES FOR ERGISION AND SEDMENT CONTROL.

 13. ALL DISTURBED AREAS NOT PAYED SHALL BE SEEDED, MUCHED, PERTILIZED AND WATERED AS REQUIRED TO PREVAIL REPOSON.

 14. ALL EROSION. CONTROL SHALL REMAIN IN PLACE UNIT. THE DISTURBED UPSTREAM AREA HAS BEEN CONTROL OF THE MOUNT OF THE MOUNT.

 15. CONTRACTOR WILL PROVIDE A STORAGE AREA FOR ALL POETMINILLY TOOK AMERIKAS THAT ARE TO BE STORED ON SITE. THE LOCATION OF THIS AREA SHALL BE COORDINATED WITH THE ENGINEER MAIDSON COUNTY COMMUNITY DEVELOPMENT. FUEL AND MATERIAL STORAGE AREAS SHALL BE LOCATED AS FAR AWAY FROM MAY PROVIDED OF STEAMS AS POSSEILE. A BOME POLYETHTENE LINER IS REQUIRED UNDER FULL TAXAS.

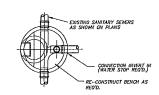
 16. CONTRACTOR WILL PROVIDED OF STEAMS AS POSSEILE. A BOME POLYETHTENE LINER IS REQUIRED OF RESTORE AREAS TO THER REGISAL CONDITION WHERE EROSION CONTROL MEASURES FAILED.



ENGINEERING & SURVEYING, LLC PROJECT LOCATION:
WESTFALEN DRIVE
MADISON COUNTY, MISSISSIPPI
GENT:
CEDARSTONE COMMERCIAL
MADISON MS 39110

PROJECT: CEDARSTONE COMMERCIAL SHEFT CONTENTS:
EROSION CONTROL LAYOUT

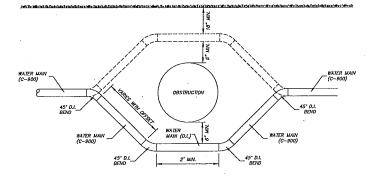
SHEET NUMBER C3.2



PLAN VIEW



SECTIONAL ELEVATION DROP CONNECTION ADDED TO EXISTING MANHOLE

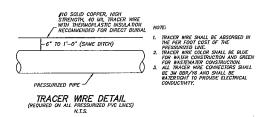


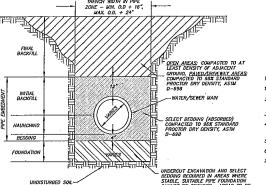
TYPICAL WATER LINE OBSTRUCTION DETAIL

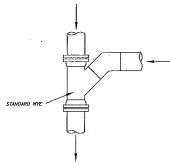


STANDARD CURB AND GUTTER

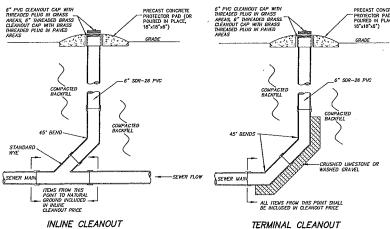
OURB AND GUTTER NOTES:







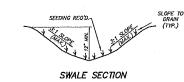
STANDARD WYE

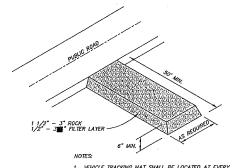


TERMINAL CLEANOUT

CEDARSTONE COMMERCIAL
SHET CONTROLS
CONSTRUCTION DETAILS

SHEET NUMBER C4.0

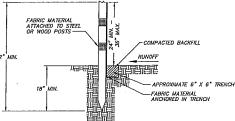




1. VEHICLE TRACKING MAT SHALL BE LOCATED AT EVERY ENTRANCE/EXIT TO THE CONSTRUCTION STRUCT BY CONTRACT TRACKING MAY SHALL BE MAINTAINED BY CONTRACTOR TO STRUCT TO THE STRUCT BY MATERIAL STRUCTURE OF THE STRUCT BY MATERIAL SHALL BE STRUCT AND OTHER MATERIAL SHALL BE OF THE STRUCT BY STRUCT SHALL BE IMMEDIATELY REMOVED BY CONTRACTOR.

TEMPORARY CONSTRUCTION ENTRANCE DETAIL





SILT FENCE DETAILS

- NOISE

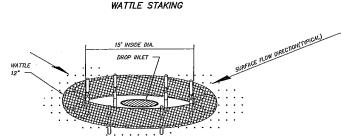
 1. CEOTEXTILE FABRIC SMALL BE A MUNIMUM OF 36" IN MIDTH. STEEL POSTS SMALL BE 6" IN HEIGHT AND OF THE SELF FASTENER ANGLE STEEL TYPE.

 3. MOOD POSTS SMALL BE A MUNIMUM OF 5" IN HEIGHT AND 4" OR MORE IN DIAMETER AND SPACED AT 10" (SHITERS.

 4. MOODEN STAKES SMALL BE A MUNIMUM OF 5" IN HEIGHT AND 1" x 2" AND SMALL BE USED AS NEEDED IN BETWEEN WOODEN POSTS BUT SPACED NO MORE THAN 3" APART AND ROTHER B" NITO GROUND.

 5. FENCE SMALL BE FASTENED WITH NOT LESS THAN 9 GAGE STAPLES 1" LONG FOR WOODEN FOSTS AND 34" FOR WOODEN SMACES.

 6. ALLOW A 6" OVERLAP OF FABRIC AT JOINTS.

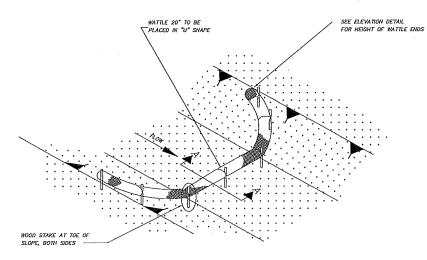


DROP INLET PROTECTION

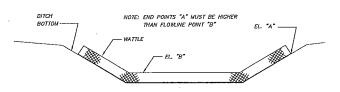
NOTES:

- 1. ANCHORING STAKES SHALL BE SIZED, SPACED, AND BE OF A MATERIAL THAT
 EFFECTIVELY SECURES THE WATTLE. STAKE SPACING SHALL BE A MAXIMUM OF THREE FEET.
 2. OYECLAP ENDS OF WATTLES FEET MANUFACTURERS RECOMMENDATIONS (YMIN., 3MAX.).
 3. TRENCHING OF WATTLES MAY BE NECESSARY IF PIPING BECOMES EVIDENT.

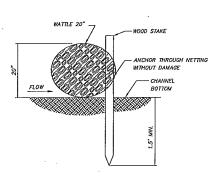
WATTLE INLET PROTECTION



DETAIL (DITCH CHECK)



ELEVATION DETAIL



SECTION A-A

- NOTES:

 1. MINMUM RECOMMENDED PLACEMENT INTERVAL BETWEEN WATTLE DITCH CHECK IS 100' UNLESS SHOWN OTHERWISE ON THE PLANS OR EROSION CONTROL PLAN APPROVED BY THE ENGINEER. SEE SPACING GUIDANCE ON ECD-4
- SEE SPACING GOIDMING ON ECO-4

 2. ANCHORING WOOD STAKES SHALL BE SIZED, SPACED, DRIVEN, AND BE OF A MATERIAL THAT

 FFFEOTWELY SECURES THE CHECK. STAKE SPACING SHALL BE A MAXIMUM OF THREE FEET.

 ALL NON-DEGRADABLE MATERIALS SHALL BE REMOVED WHEN NO LONGER NEEDED.
- 3. TRENCHING OF WATTLES MAY BE NECESSARY IF PIPING BECOMES EVIDENT.
- 4. WATTLES SHOULD NOT BE USED IN HARD BOTTOM CHANNELS.

WATTLE DITCH CHECK SELECTION GUIDELINES

WATTLE DITCH CHECKS ARE APPROPRIATE FOR VELOCITY REDUCTION AND CONTROL OF SEDIMENT PORT UNDER LOW TO MEDIUM FLOW CONDITIONS.

WATTLE DITCH CHECK

ENGINEERING & SURVEYING, LLC
INTROPAGE COUNTY AND IN TOWNS AND INTERPRETATION OF THE PROPERTY OF THE PROPERTY

CHEO.

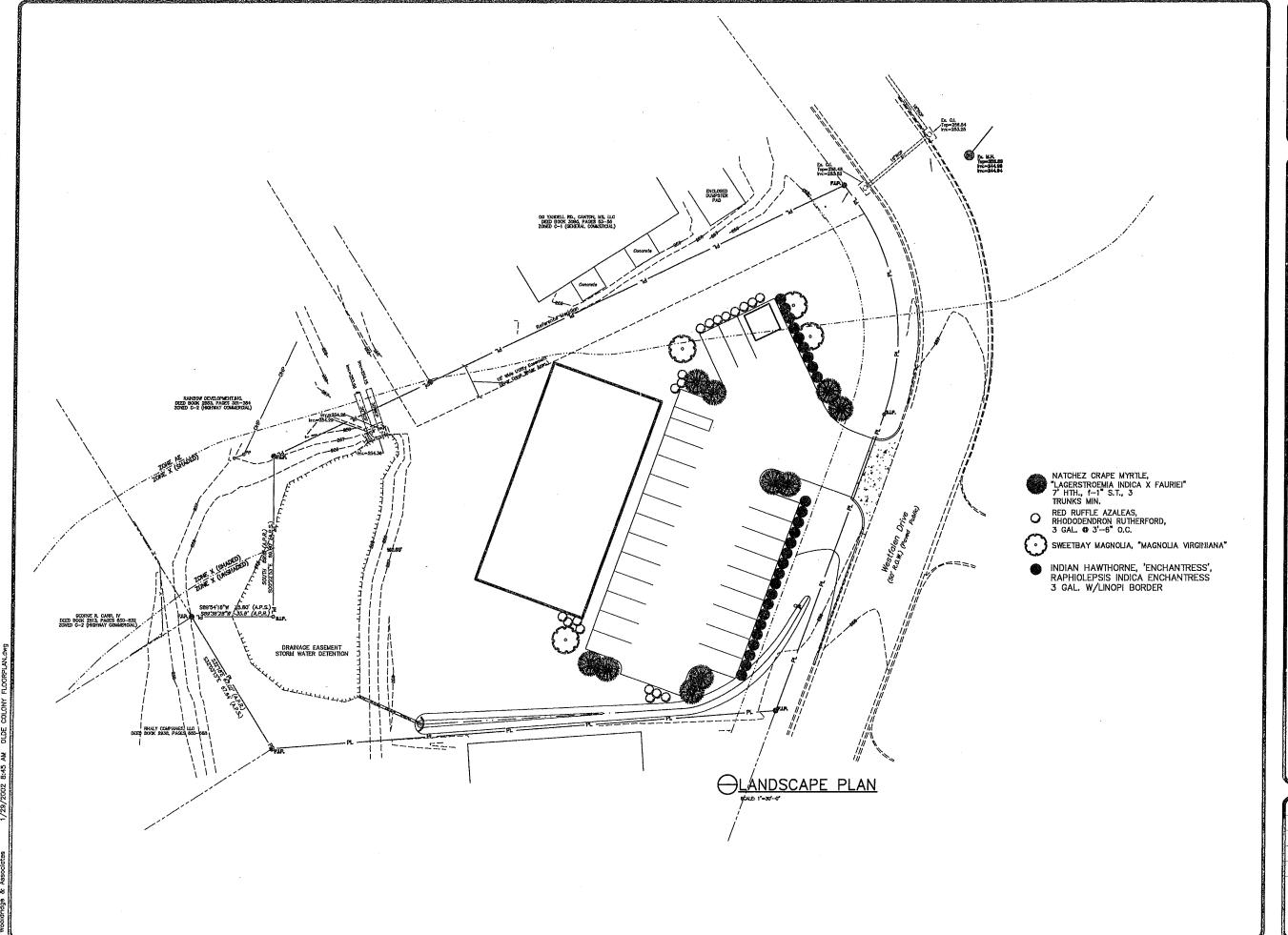
PROJECT LOCATION:
WESTFALEN DRIVE
MADISON COUNTY, MISSISSIPP.
GLENI
CEDARSTONE COMMERCIAL
MADISON MS 39110

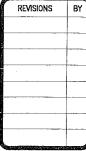
CEDARSTONE COMMERCIAL

SHET CONTROL

STORM DRAIN & EROSION CONTROL DETAILS

SHEET NUMBER





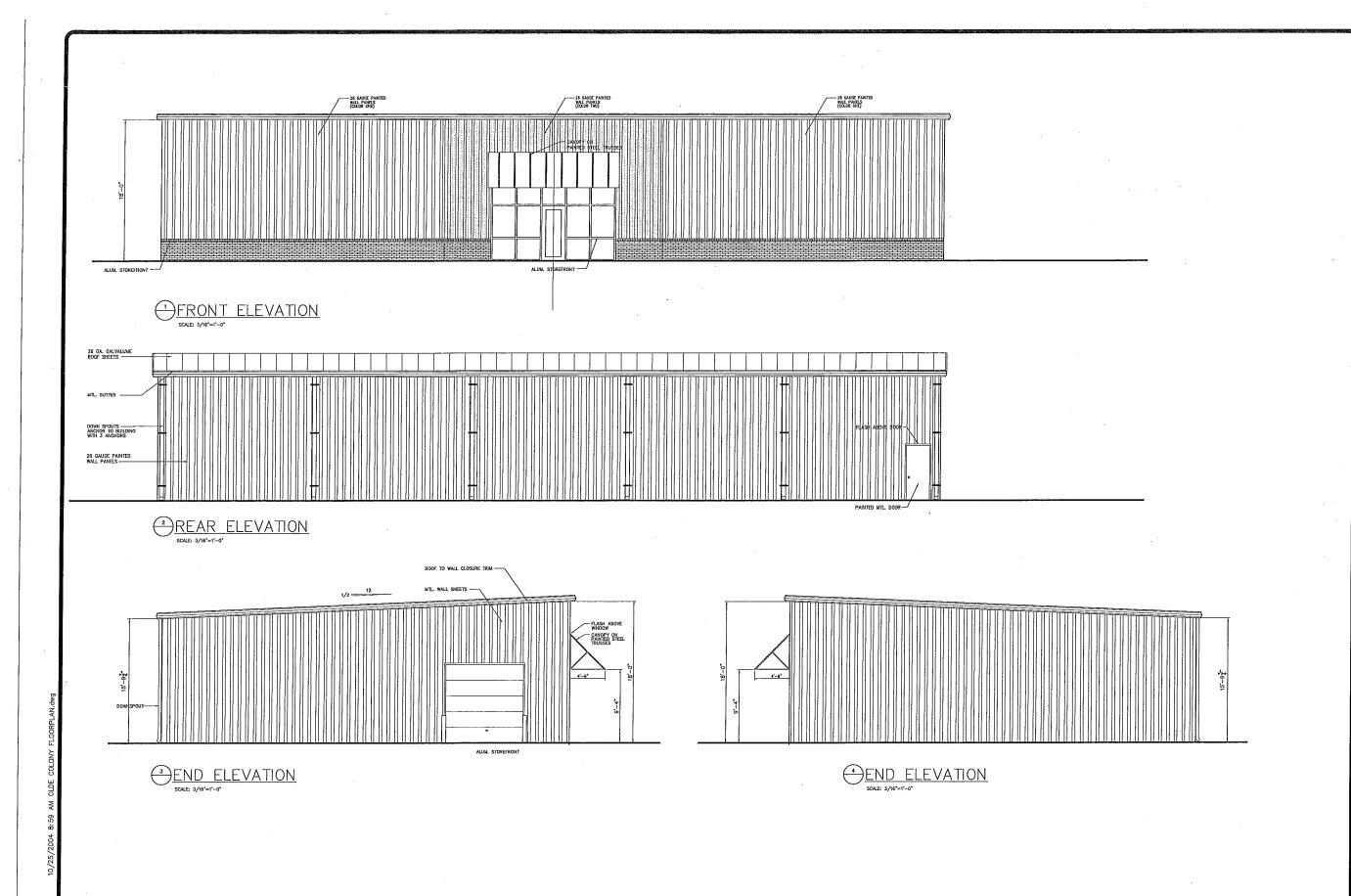


VOCUMBGE & ASSOCIATES SAS REGIAND COLORT PARTYLY RIDGELAND, MS 50157 501—202—2555

COMMERCIAL CEDARSTONE
163 YANDELL RD
GLUCKSTADT MS

Jan. 18, 2017 804E

A1



REVISIONS BY



WOODRIDGE & ASSOCIATES
366 HIGHLAND COLONY PARKAY
RIDGELAND, MS 39157
801-209-8666

CEDARSTONE COMMERCIAL
163 YANDELL RD
GLUCKSTADT MS

DRAWN

GRECKED

DATE
MARCH 6, 2017

SCALE

JOB NO.

SHEET

A3.0