GENERAL NOTES

BEFORE COMMENCING ANY ACTIVITY UNDER OR PERTAINING TO THIS CONTRACT, THE CONTRACTOR SHALL:

1.1 OBTAIN ALL BUILDING AND CONSTRUCTION PERMITS AS REQUIRED BY PERTINENT REGULATORY AND GOVERNMENTAL AGENCIES.
1.2 CONTACT THE CONTRACTING OFFICER.
1.3 LOCATE ALL EXISTING UNDERGROUND UTILITIES.
1.4 NOTIFY UTILITY COMPANIES MAINTAINING UTILITY LINES OR EASEMENTS WITHIN THE LIMITS OF CONSTRUCTION, OR IN PUBLIC RIGHT-OF-WAYS ADJACENT TO THE PROJECT.
1.5 BECOME KNOWLEDGEABLE OF EXISTING UTILITIES AND PROTECT SAME WHERE NECESSARY. THIS SHALL INCLUDE UTILITIES SHOWN AND NOT SHOWN ON THE PLANS.

THE CONTRACTOR SHALL ASSUME ALL RESPONSIBILITY FOR ANY DAMAGE CAUSED TO PUBLIC OR PRIVATE UTILITIES AND SHALL REPAIR, REPLACE, OR RELOCATE SAME AT NO ADDITIONAL COST.

THE CONTRACTOR SHALL ACCURATELY LOCATE AND MARK CONSTRUCTION LIMITS AND PROPERTY LINES, AND SHALL LIMIT ALL CONSTRUCTION ACTIVITIES TO WHICHEVER APPLICABLE.

THE CONTRACTOR AT NO TIME SHALL ENCROACH UPON OR CAUSE DISRUPTION TO TRAFFIC FLOW ON ADJACENT PUBLIC RIGHTS-OF-WAY WITHOUT SECURING THE PROPER PERMITS PRIOR TO COMMENCING OPERATIONS. THE CONTRACTOR SHALL ERECT THE PROPER TRAFFIC CONTROL DEVICES ACCORDING TO THE LATEST EDITION OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES", AND SHALL PROTECT THE PUBLIC FROM HAZARD OR INJURY BY ERECTING BARRICADES WHERE APPROPRIATE, I.E., AROUND EXCAVATIONS OR OPERATING EQUIPMENT.

THE CONTRACTOR SHALL AT ALL TIMES EMPLOY ADEQUATE EROSION AND SEDIMENTATION CONTROL MEASURES TO PREVENT DAMAGE TO THE PROPERTY, ADJACENT PROPERTIES, PUBLIC RIGHTS-OF-WAY, AND PUBLIC OR PRIVATE DRAINAGE SYSTEMS.

THE CONTRACTOR SHALL MARK AND PROTECT ALL TREES AND VEGETATION INDICATED TO REMAIN, AND PREVENT PARKING, STORING MATERIALS, AND ENTRY OF VEHICLES AND CONSTRUCTION EQUIPMENT WITHIN THE DRIP LINES OF THE TREES TO BE SAVED.

ALL DISTURBED AREAS NOT PAVED OR OTHERWISE PROTECTED SHALL BE SEEDED, MULCHED, FERTILIZED, AND WATERED AS REQUIRED TO PREVENT EROSION.

ALL AREAS WITH SLOPES STEEPER THAN 3:1 SHALL BE SODDED. SODDING MAY BE REQUIRED IN OTHER AREAS AS DIRECTED BY THE CONTRACTING OFFICER.

DISTURBED AREAS SHALL BE GRADED TO DRAIN AS INDICATED ON THE PLANS DURING AND UPON COMPLETION OF CONSTRUCTION. NO DRAINAGE SOIL SHALL BE DAMAGED OR TRAPPED UNLESS SPECIFICALLY DIRECTED BY THE PLANS.

ALL EROSION CONTROL DEVICES SHALL REMAIN IN PLACE UNTIL PROJECT COMPLETION OR UNTIL CONTRIBUTING DRAINAGE AREAS HAVE BEEN FULLY STABILIZED.

MATERIALS, WORKMANSHIP, INSTALLATION, AND CONSTRUCTION OF ALL PIPING, MANHOLES AND ACCESSORIES, INCLUDING TRENCHING, BEDDING, AND BACKFILL SHALL BE AS PER PROJECT PLANS AND SPECIFICATIONS, MINIMUM, SHALL MEET THE MOST RECENT DESIGN STANDARDS AND SPECIFICATIONS OF DESOTO COUNTY, MISSISSIPPI.

COMPACTION OF SUBGRADES UNDER CONCRETE PAVING AND GRAVEL SHALL BE MININUM 95% STANDARD PROCTOR, UNLESS OTHERWISE INDICATED.

ANY FENCING, SIDEWALK, CURB AND GUTTER, OR CURB CUT DAMAGED BY CONSTRUCTION SHALL BE REPLACED AND RESTORED TO ITS ORIGINAL CONDITION AT NO ADDITIONAL COST.

ALL CONCRETE TO BE 4000 P.S.I. AT 28 DAYS UNLESS OTHERWISE NOTED.

ALL STREETS ADJACENT TO THE SITE SHALL BE KEPT CLEAN DURING CONSTRUCTION.

ALL LAYOUT AND FIELD STAKING TO BE PROVIDED BY THE CONTRACTOR.

ALL SEEDED AREAS TO BE LEFT AT FINAL GRADE, BE FREE OF TRASH, AND HAVE 4" OF TOP SOIL.

THE CONTRACTOR SHALL REMOVE ALL UNSUITABLE FILL MATERIAL FROM THE SITE, INCLUDING BUT NOT LIMITED TO THE FOLLOWING: TREE STUMPS. BRANCHES, VEGETATION, AND OTHER DEBRIS. SUCH MATERIAL REMOVED FROM THE SITE SHALL BE DISPOSED OF BY THE CONTRACTOR.

PROPOSED CONTOURS AND SPOT ELEVATIONS ARE TO TOP OF FINISHED GRADE, UNLESS OTHERWISE NOTED. PROPOSED SPOT ELEVATIONS LOCATED AT THE EDGES OF ASPHALT PAVEMENT AND PARKING AREAS INDICATE TOP OF PAVEMENT ELEVATIONS.

ALL PVC PIPING FOR WATER DISTRIBUTION SHALL CONFORM TO AWWA STANDARD C-900, WORKING PRESSURE NOT LESS THAN 150 PSI., UNLESS INDICATED OTHERWISE.

ALL AERIAL IMAGES PROCESSED IN 2000.
EXISTING CONDITIONS MAY VARY FROM THOSE PRESENTED IN IMAGES.
CONTRACTOR IS RESPONSIBLE TO FIELD VERIFY ALL EXISTING CONDITIONS.

ABBREVIATIONS

@	AT	MAX	MAXIMUM
ALUM	ALUMINUM	MH	MANHOLE
APPROX	APPROXIMATE	MIN.	MINIMUM
ASSY	ASSEMBLY	MISC.	MISCELLANEOUS
AVE	AVENUE	MJ	MECHANICAL JOINT
AWWA	AMERICAN WATER WORKS ASSOCIATION	N	NORTH
BFV	BUTTERFLY VALVE	NIC	NOT IN CONTRACT
BDG	BUILDING	NO.	NUMBER
BLK	BLOCK	NOM	NOMINAL
BM	BENCHMARK	NORM	NORMAL
BOT	BOTTOM	NTS	NOT TO SCALE
BS	BOTH SIDES	O.C.	ON CENTER
CB	CATCH BASIN	OD	OUTSIDE DIAMETER
CCP	CONCRETE CULVERT PIPE	OF	OUTSIDE FACE
CI	CAST IRON	PEJ	PIPE EXPANSION JOINT
CISP	CAST IRON SEWER PIPE	P.I.	POINT OF INTERSECTION
℄	CENTER LINE	PO	PUSH ON
CONC	CONCRETE	PP	POWER POLE
CONN	CONNECTION	PRESS	PRESSURE
CONT	CONTINUOUS	PRV	PRESSURE REDUCING VALVE
CTSK	COUNTER SUNK	PSI	POUNDS PER SQUARE INCH
C.Y.	CUBIC YARD	PV	PLUG VALVE
CV	CHECK VALVE	PVC	POLYVINYL CHLORIDE
DIA	DIAMETER	RAD	RADIUS
DI	DUCTILE IRON	RCP	REINFORCED CONCRETE PIPE
DIP	DUCTILE IRON PIPE	RED	REDUCER
E	EAST	REINF	REINFORCING
EA	EACH	REQD	REQUIRED
EX	EXISTING	ROW, R/W	RIGHT OF WAY
E.W.	EACH WAY	SECT.	SECTION
FCA	FLANGED COUPLING ADAPTER	SHT.	SHEET
FH	FIRE HYDRANT	S/L	SURVEY LINE
FIN GR	FINISHED GRADE	SPECS	SPECIFICATIONS
F/L	FLOW LINE	SQ.	SQUARE
FLG	FLANGED	SY	SQUARE YARD
FM	FORCE MAIN	SS	SANITARY SEWER
FT	FOOT	ST.	STREET
GALV	GALVANIZED	STA.	STATION
GL	GAS LINE	STD.	STANDARD
GPM	GALLONS PER MINUTE	ST.STL.	STAINLESS STEEL
GR	GRADE	SWD	SIDE WATER DEPTH
GV	GATE VALVE	T&B	TOP AND BOTTOM
HGT	HEIGHT	TBM	TEMPORARY BENCHMARK
HORIZ	HORIZONTAL	THK.	THICKNESS
HWY.	HIGHWAY	S	SOUTH
HP	HIGH PRESSURE	TOC	TOP OF CURB
ID	INSIDE DIAMETER	TYP.	TYPICAL
IF	INSIDE FACE	V.	VALVE
INV.	INVERT	VERT.	VERTICAL
JT	JOINT	W.	WEST
LIN	LINEAL, LINEAR	W/	WITH
GALV	GALVANIZED	W/O	WITHOUT
GV	GATE VALVE	WL	WATER LINE
LG	LONG	WS	WATERSTOP
LT	LEFT	WTM	WATER TRANSMISSION MAIN
		WWF	WELDED WIRE FABRIC

INDEX OF DRAWINGS

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C0.02 STANDARD SYMBOLS AND INDEX
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C0.04 SOIL BORING LOGS
C1.01 STA. 7+76 TO 10+00
C1.02 STA. 10+00 TO 25+00
C1.03 STA. 25+00 TO 40+00
C1.04 STA. 40+00 TO 55+00
C1.05 STA. 55+00 TO 70+00
C1.06 STA. 70+00 TO 85+00
C1.07 STA. 85+00 TO 100+00
C1.08 STA. 100+00 TO 115+00
C1.09 STA. 115+00 TO 130+00
C1.10 STA. 130+00 TO 145+00
C1.11 STA. 145+00 TO 160+00
C1.12 STA. 160+00 TO 175+00
C1.13 STA. 175+00 TO 190+00
C1.14 STA. 190+00 TO 205+00
C1.15 STA. 205+00 TO 220+00
C1.16 STA. 220+00 TO EOP
C2.01 STANDARD SEWER DETAILS

EXISTING UTILITIES

- SANITARY SEWER MANHOLE
- CLEANOUT
- SANITARY SEWER (GRAVITY)
- SANITARY SEWER (FORCE MAIN, ARROW INDICATES FLOW)
- NON-CONNECTING PIPE
- W — WATER LINE (SIZE NOTED)
- WATER METER (NOTE SIZE IF LARGER THAN 3/4"
- AIR RELEASE VALVE
- VALVE
- FIRE HYDRANT
- G — GAS LINE (SIZE NOTED)
- GAS METER
- GAS LAMP
- P — OVERHEAD POWER LINE
- UP — UNDERGROUND POWER LINE
- HIGH VOLTAGE TRANSMISSION LINE
- POWER MANHOLE
- POWER POLE
- GUY WIRE
- LIGHT OR TELEPHONE POLE
- T — OVERHEAD TELEPHONE LINE
- UT — UNDERGROUND TELEPHONE LINE
- CATV — CABLE TV (UNDERGROUND)
- FO — FIBER OPTIC CABLE (UNDERGROUND)
- P — JUNCTION BOX (LETTER DENOTES UTILITY) P–POWER, T–TELEPHONE, C–CABLE TV, F–FIBER OPTIC
- C — COMMUNICATION LINE
- ST — STEAM LINE
- CW — CHILLED WATER LINE
- UC — UNDERGROUND COMMUNICATION
- F — FUEL LINE

SURVEYING SYMBOLS

- CE — TEMPORARY CONSTRUCTION EASEMENT BOUNDARY
- E — PERMANENT EASEMENT BOUNDARY
- RIGHT-OF-WAY LINE
- RIGHT-OF-WAY MONUMENT
- PL — PROPERTY LINE
- BENCHMARK

NEW SYSTEM COMPONENTS

- VALVE
- PLUG
- FIRE HYDRANT
- TEE
- BEND
- WYE
- TAPPING SLEEVE & VALVE
- TAPPING SADDLE AND VALVE
- AIR RELEASE VALVE
- BLOW-OFF VALVE
- SLEEVE
- SERVICE INSTALLATION
- REDUCER/INCREASER
- ENCASED PIPE (DENOTE ID OF CASING AND CARRIER)
- MANHOLE
- CLEAN-OUT
- LINE TURNING DOWN
- LINE TURNING UP
- NON-CONNECTING PIPING

GENERAL SYMBOLS

- B-3 — SOIL TEST BORING
- A/7 — COMPLETE SECTIONAL VIEW

TOPOGRAPHIC SYMBOLS

- PAVED ROAD
- GRAVEL ROAD
- DIRT ROAD
- RAILROAD
- X — FENCE
- DITCH, CREEK, DRAINAGE
- EXISTING MAJOR GROUND CONTOUR
- EXISTING MINOR GROUND CONTOUR
- FINISHED MAJOR GROUND CONTOUR
- FINISHED MINOR GROUND CONOUR

NO.	DATE	NATURE	BY	APP'D
		REVISIONS		

DESIGNED T.M.H.	DATE OCTOBER 2003
DRAWN T.M.H.	SCALE N.T.S
CHECKED N.A.H.	JOB NO. 16535.05

LEAWEL, LLC
WAGGONER ENGINEERING
160 BRIARWOOD DRIVE SUITE 515
JACKSON, MS 39206

100% SET

DESOTO COUNTY REGIONAL UTILITY AUTHORITY
UPPER CAMP CREEK INTERCEPTOR SOUTH
DESOTO COUNTY, MISSISSIPPI

DESOTO COUNTY REGIONAL UTILITY AUTHORITY
P.O. BOX 1004
HERNANDO, MS 38632
PH (662) 429-9018
FAX (662) 429-9019

STANDARD SYMBOLS AND INDEX

PROJECT NO.	
16535.05	
CONTRACT	SHEET
1	C0.02