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

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

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

INDEX OF DRAWINGS

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C0.02 STANDARD SYMBOLS AND INDEX
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C1.03 STA. 250+00 TO 265+00
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C3.03 ROSS ROAD FLOW METERING STATION
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S2.01 STRUCTURAL NOTES AND DETAILS
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SURVEYING SYMBOLS

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

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
460 BRIARWOOD DRIVE SUITE 515
JACKSON, MS 39206

100% SET

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

DESOTO COUNTY REGIONAL UTILITY AUTHORITY

STANDARD SYMBOLS AND INDEX

PROJECT NO. 16535.05
CONTRACT 1
SHEET C0.02