

ABBREVIATIONS

LEGEND

GENERAL NOTES

AC	ASPHALTIC CONCRETE	MAX	MAXIMUM
AGGR	AGGREGATE	WH	WHOLE
APPROX	APPROXIMATELY	MIN	MINIMUM
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS	MON	MONUMENT
AVG	AVERAGE		
BC	BEGIN CURVE	N	NORTH
BOY	BOUNDARY	NIC	NOT IN CONTRACT
BLDG	BUILDING	N/S	NOT TO SCALE
BM	BENCH MARK		
BOP	BOTTOM OF PIPE	OC	ON CENTER
BRG	BEARING	OD	OUTSIDE DIAMETER
BVC	BEGIN VERTICAL CURVE		
CB	CATCH BASIN	PC	POINT OF CURVE
C	COMMUNICATION	PCT, %	PERCENT
C TO C	CENTER TO CENTER	PI	POINT OF INTERSECTION
CF	CURB FACE	PIV	POST INDICATOR VALVE
CJ	CONSTRUCTION JOINT	PIVC	POINT OF INTERSECTION, VERTICAL CURVE
CL, E	CENTERLINE	POC	POINT OF CONNECTION
CLR	CLEAR	POVC	POINT ON VERTICAL CURVE
CMP	CORRUGATED METAL PIPE	PSI	POUND-FORCE PER SQUARE INCH
CO	CLEANOUT, CONDUIT ONLY, CONTRACTION JOINT	PT	POINT OF TANGENCY
COL	COLUMN	PVC	POLYVINYL CHLORIDE
CONC	CONCRETE	PVMT	POTABLE WATER
CONSTR	CONSTRUCTION		
CONT	CONTINUATION	R	RADIUS, RIDGE
CP	CONCRETE PIPE	RAD	RADIAL
CPB	COMMUNICATIONS PULLBOX	RCP	REINFORCED-CONCRETE PIPE
CS	CARBON STEEL	RD	ROAD
CU FT	CUBIC FEET	RDCR	REDUCER
CULV	CULVERT	REF	REFERENCE
CWR	CHILLED WATER RETURN	REINF	REINFORCEMENT
CWS	CHILLED WATER SUPPLY	REQD	REQUIRED
CY	CUBIC YARD	REV	REVISION
		RG	ROUGH GRADE
		R/W	RIGHT-OF-WAY
Δ	DELTA = ANGLE	S	SLOPE, SOUTH
DEG	DEGREE	SCH, SCHED	SCHEDULE
DET	DETAIL	SD	STORM DRAIN
DI	DUCTILE IRON	SG	SUBGRADE
DIA, Ø	DIAMETER	SHT	SHEET
DL	DRAIN LINE	SIM	SIMILAR
DWG	DRAWING	SO FT, SF	SQUARE FOOT
E	EAST, ELECTRICAL	SS	SANITARY SEWER
EA	EACH	STA	STATION
EC	END CURVE	STD	STANDARD
EDB	ELECTRICAL DUCT BANK	STL	STEEL
EJ	EXPANSION JOINT	SW	SIDEWALK
EL	ELEVATION (HEIGHT)	T	TANGENT, TELEPHONE
ELEC	ELECTRICAL	TC	TOP OF CURB
ELL	ELBOW	TEL	TELEPHONE
EMH	ELECTRICAL MANHOLE	TG	TOP OF GRATE
EPB	ELECTRICAL PULLBOX	TOC	TOP OF CONCRETE
EV	ELECTRICAL VALVE	TOP	TOP OF PIPE
EVC	END VERTICAL CURVE	TOPO	TOPOGRAPHY
EW	EACH WAY	TW	TOP OF WALL
EXIST, EX	EXISTING	TYP	TYPICAL
FH	FIRE HYDRANT	UG	UNDERGROUND
FIN	FINISH	UON	UNLESS OTHERWISE NOTED
FIN FL	FINISH FLOOR		
FG	FINISH GRADE	VC	VERTICAL CURVE
FL	FLOOR, FLOW LINE	VCP	VITRIFIED CLAY PIPE
FLG	FLANGE	VERT	VERTICAL
FOF	FACE OF FLANGE	VOL	VOLUME
FS	FINISH SURFACE		
FT	FOOT, FEET	W	WEST, WATER
FTG	FOOTING	W/O	WITHOUT
FW	FIRE WATER	WW	WASTE WATER
		WWF	WELDED WIRE FABRIC
GALV	GALVANIZED		
GA	GAGE	XFMR	TRANSFORMER
GB	GRADE BREAK		
GPM	GALLONS PER MINUTE		
GR	GRADE		
GVL	GRAVEL	YD	YARD
HORIZ	HORIZONTAL		
HP	HIGH POINT		
ID	INSIDE DIAMETER		
IN	INCH		
INCL	INCLUDE		
INTSCT	INTERSECTION		
INV	INVERT		
JB	JUNCTION BOX		
JT	JOINT		
L	LENGTH		
LA DOTD	STATE OF LOUISIANA, DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT		
LB	POUND		

EXISTING	NEW	DESCRIPTION
		CENTERLINE, BUILDING OR STRUCTURE
		FENCE LINE
		ROAD
		ASPHALT CONCRETE PAVING
		MULTIPLE BITUMINOUS SURFACE
		CONCRETE
		RIP-RAP
		DIRECTION OF SHEET FLOW
		FLOWLINE
		CLEANOUT
		DRAIN LINE
		POTABLE WATER
		ELECTRICAL
		ELECTRICAL DUCT BANK
		STORM DRAIN
		SANITARY SEWER
		TELEPHONE
		WATER
		FIRE WATER
		CHILLED WATER SUPPLY
		CHILLED WATER RETURN
		COMMUNICATIONS
		COMMUNICATIONS OR ELECTRICAL PULLBOX
		ELECTRICAL VAULT OR MANHOLE
		FIRE HYDRANT
		GATE VALVE
		MANHOLE
		STORM DRAIN CATCH BASIN
		CULVERT
		CULVERTS w/ FLARED END OUTLET
		POWER POLE
		GUARD POST
		INDEX CONTOUR LINE
		INTERMEDIATE CONTOUR LINE
		CUT/FILL SLOPE
		FINISH GRADE ELEVATION
		FINISH SURFACE ELEVATION
		FLOW LINE ELEVATION
		TOP OF CURB
		TOP OF WALL
		INVERT ELEVATION
		ROUGH GRADE ELEVATION
		SECTION CUT
		DETAIL INDICATION
		DETAIL TITLE
		PROFILE
		REVISION CLOUD

- THE ORIGINAL TOPOGRAPHY WITHIN THE PROPERTY LINES, WAS GENERATED BY COMPUTER METHODS FROM A STAKING SURVEY BY JOHN E. CHANCE & ASSOCIATES, INC., 200 DULLES DRIVE, LAFAYETTE, LOUISIANA, DATED MARCH 8, 1993. TOPOGRAPHY AND PLANIMETRIC FEATURES OUTSIDE THE PROPERTY BOUNDARY ARE BASED ON USGS'SATSUMA, LA, QUADRANGLE, DATED 1980. ROUGH GRADING ACTIVITIES BASED ON THE AFOREMENTIONED TOPOGRAPHY FOR THE BEAM TUBE ARMS, CORNER STATION AND END STATIONS PADS WAS ACCOMPLISHED BY STRANCO CONSTRUCTION IN ACCORDANCE WITH PLANS PREPARED BY PARSONS AND FORMS THE PRIMARY TOPOGRAPHY SHOWN ON THE FACILITY DRAWINGS.
- GEOTECHNICAL INFORMATION AND SOIL BORING SUMMARIES ARE FROM AN INVESTIGATION BY WOODWARD-CLYDE CONSULTANTS, 2822 ONEAL LANE, BATON ROUGE, LOUISIANA, DATED FEBRUARY, 1995. A COPY OF THIS REPORT IS ON FILE WITH THE CONSTRUCTION MANAGER.
- DRAINAGE CONSIDERATIONS INCORPORATED WITHIN THE DRAWINGS ARE FROM A HYDROLOGIC AND HYDRAULIC REPORT BY GULF ENGINEERS & CONSULTANTS, INC., 9357 INTERLINE AVENUE, BATON ROUGE, LOUISIANA, DATED DECEMBER, 1994. A COPY OF THIS REPORT IS ON FILE WITH THE CONSTRUCTION MANAGER.
- DIMENSIONS, ELEVATIONS AND LOCATION OF EXISTING UTILITIES, STRUCTURES, OR GRADING ARE TO BE VERIFIED PRIOR TO START OF CONSTRUCTION BY CONTRACTOR. ANY DISCREPANCY WITH THE DRAWINGS SHALL BE BROUGHT IMMEDIATELY TO THE ATTENTION OF THE CONSTRUCTION MANAGER. ANY ADDITIONAL WORK PERFORMED BY THE CONTRACTOR DUE TO HIS FAILURE TO VERIFY AND SO ADVISE, SHALL BE COMPLETELY AT HIS OWN COST AND AT NO COST TO THE INSTITUTE.
- NOTES RELATING TO A SPECIFIC DRAWING WILL BE FOUND ON THE DRAWING FOR WHICH THEY ARE APPLICABLE.
- ALL UNDERGROUND PIPES AND CULVERTS SHALL BE PROPERLY PROTECTED DURING CONSTRUCTION FROM HEAVY MOVING EQUIPMENT.
- THE CONTRACTOR SHALL BE REQUIRED TO APPLY A DUST INHIBITOR ON ALL ROADS, AT THE DIRECTION OF THE CONSTRUCTION MANAGER.
- WASTE AREAS WILL BE DESIGNATED IN THE FIELD BY THE CONSTRUCTION MANAGER.
- STRAIGHT GRADE BETWEEN SPOT ELEVATIONS, UNLESS OTHERWISE SHOWN ON PLANS.
- FINISHED SURFACES SHALL BE SLOPED UNIFORMLY FROM HIGH POINTS, RIDGE LINES, AND AROUND FOUNDATIONS TO FLOW LINES AND AREA DRAINS UNLESS INDICATED OTHERWISE.
- STORM DRAIN, SANITARY SEWER, AND UTILITY LINES SHALL BE SLOPED AT A UNIFORM GRADE BETWEEN INVERT ELEVATIONS.
- SEEDING SHALL NOT BE DONE ON THE FLAT BOTTOM OF DITCHES OR ON CURRENTLY GRASSED AREAS THAT ARE UNDISTURBED BY GRADING OPERATIONS. ALL OTHER AREAS SHALL BE SEEDED.
- THE STATE OF LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT, OFFICE OF HIGHWAYS, STANDARD PLANS ARE A PART OF THESE DOCUMENTS TO THE EXTENT REFERENCED.
- THE STATE OF LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT, "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ARE A PART OF THESE DOCUMENTS TO THE EXTENT REFERENCED.

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LASER INTERFEROMETER
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BTE SITENWORK & FABRICATION - LIVINGSTON, LA

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