

## ABBREVIATIONS

|              |   |
|--------------|---|
| ABC          | AGGREGATE BASE                            |
| AC           | ACRYLONITRILE BUTADIENE STYRENE           |
| AC           | ACRES                                     |
| AC           | ASPHALT CONCRETE PAVEMENT                 |
| ADA          | AMERICANS WITH DISABILITIES ACT           |
| ALUM         | ALUMINUM                                  |
| AP           | ANGLE POINT                               |
| ASS'Y        | ASSEMBLY                                  |
| ASTM         | ASTM INTERNATIONAL                        |
| AVE          | AVENUE                                    |
| BC           | BEGIN CURVE                               |
| BLVD         | BOULEVARD                                 |
| BM           | BENCH MARK                                |
| BON          | BASE OF NICHE                             |
| BOS          | BOTTOM OF STAIRS                          |
| BOW          | BOTTOM OF WALL                            |
| BV           | BUTTERFLY VALVE                           |
| BVC          | BEGIN VERTICAL CURVE                      |
| B/W          | BOTH WAYS                                 |
| BW           | BACK OF WALK                              |
| C            | CURB                                      |
| CIP          | CAST IN PLACE                             |
| CLR          | CLEAR                                     |
| CL           | CLASS                                     |
| CM           | CENTIMETER                                |
| CMP          | CORRUGATED METAL PIPE                     |
| CMU          | CONCRETE MASONRY UNIT                     |
| CONC         | CONCRETE                                  |
| CONST        | CONSTRUCT                                 |
| CONT         | CONTINUOUS                                |
| CONTRACT     | CONTRACTING OFFICER'S TECH REPRESENTATIVE |
| CR(L) OR (R) | CURB RETURN (LEFT) OR (RIGHT)             |
| CTS          | COPPER TUBE SIZE                          |
| DI           | DRAINAGE INLET                            |
| D.I.         | DUCTILE IRON                              |
| DIA          | DIAMETER                                  |
| DR           | DRIVE                                     |
| DTL          | DETAIL                                    |
| DWG          | DRAWING                                   |
| DWY          | DRIVEWAY                                  |
| E            | EAST OR EASTING                           |
| EA           | EACH                                      |
| EC           | END CURVE                                 |
| EG           | EXISTING GROUND                           |
| EHWE         | ESTIMATED HIGH WATER ELEVATION            |
| ELEV         | ELEVATION                                 |
| ELL          | ELBOW                                     |
| EP           | EDGE OF PAVEMENT                          |
| EST          | ESTIMATED                                 |
| EVC          | END VERTICAL CURB                         |
| EW           | EDGE OF WALK                              |
| EXIST, EX    | EXISTING                                  |
| EXP          | EXPANSION                                 |
| FCA          | FLANGE COUPLING ADAPTER                   |
| FFE          | FINISHED FLOOR ELEVATION                  |
| FG           | FINISHED GRADE                            |
| FH           | FIRE HYDRANT                              |
| FL           | FLOW LINE                                 |
| FLG          | FLANGE                                    |
| FO           | FIBER OPTIC                               |
| FOC          | FACE OF CURB                              |
| G            | GUTTER                                    |
| GAL          | GALVANIZED                                |
| GB           | GRADE BREAK                               |
| GFL          | GUTTER FLOW LINE                          |
| GPM          | GALLONS PER MINUTE                        |
| GR           | GRATE                                     |
| HDPE         | HIGH-DENSITY POLYETHYLENE                 |
| HT           | HEIGHT                                    |
| HP           | HIGH POINT                                |
| INT, INTX    | INTERSECTION                              |
| INV          | INVERT                                    |
| IV           | ROMAN NUMBER "4" (CLASS 4 RCP)            |
| IRR          | IRRIGATION                                |
| LA           | LOUISIANA                                 |
| LBS          | POUND                                     |
| LEN          | LENGTH                                    |
| LF           | LINEAR FEET                               |
| LP           | LOW POINT                                 |
| LT           | LEFT                                      |
| MAX          | MAXIMUM                                   |
| MIN          | MINIMUM                                   |
| MFR          | MANUFACTURER                              |
| MIA          | MISSING IN ACTION                         |
| MH           | MANHOLE                                   |
| MPH          | MILES PER HOUR                            |
| N            | NORTH, NORTHING                           |
| NC           | NORMALLY CLOSED                           |
| NO           | NUMBER                                    |
| O.C.         | ON CENTER                                 |
| O.D.         | OUTSIDE DIAMETER                          |
| PE           | POLY ETHELYNE                             |
| PL           | PROPERTY LINE                             |
| PBM          | PROJECT BENCH MARK                        |
| PBW          | PRISONER OF WAR                           |
| PROP GFL     | PROPOSED GUTTER FLOWLINE                  |
| PSI          | POUNDS PER SQUARE INCH                    |
| PT           | POINT                                     |
| PVC          | POLY VINYL CHLORIDE                       |
| R            | RADIUS                                    |
| REL          | RELATIVE                                  |
| REQ          | REQUIRED                                  |
| RCP          | REINFORCED CONCRETE PIPE                  |
| RP           | REDUCED PRESSURE                          |
| RT           | RIGHT                                     |
| RW, R/W      | RIGHT OF WAY                              |
| S            | SLOPE, SOUTH                              |
| SC           | SAWCUT                                    |
| SCH          | SCHEDULE                                  |
| SD           | STORM DRAIN                               |
| SDMH         | STORM DRAIN MANHOLE                       |
| SG           | SUBGRADE                                  |
| SHT          | SHEET                                     |
| SPEC         | SPECIFICATIONS                            |
| SQ           | SQUARE                                    |
| STA          | STATION                                   |
| SW           | SIDEWALK                                  |
| SWPPP        | STORM WATER POLLUTION PROTECTION PLAN     |
| TBC          | TOP BACK OF CURB                          |
| TOS          | TOP OF STAIRS                             |
| TOW          | TOP OF WALL                               |
| TRANS        | TRANSITION                                |
| TYP          | TYPICAL                                   |
| VC           | VERTICAL CURVE                            |
| VERT         | VERTICAL                                  |
| W            | WEST                                      |
| W/           | WITH                                      |
| W/O          | WITHOUT                                   |

## TOPO SURVEY ABBREVIATIONS

|      |                   |
|------|-------------------|
| 100  | MISCELLANEOUS     |
| AE   | ASPHALT EDGE      |
| BC   | BACK OF CURB      |
| BD   | BOTTOM OF DITCH   |
| BLDG | BUILDING          |
| CLE  | DRIVE CENTERLINE  |
| CLD  | EXISTING PIPELINE |
| CLPL | ROAD CENTERLINE   |
| CLR  | CONTROL POINT     |
| CP   | FIRE HYDRANT      |
| FH   | FLOW LINE         |
| FL   | FENCE             |
| FLC  | FOUND             |
| G    | GPS CONTROL       |
| GE   | EDGE OF GRAVEL    |
| GE   | GUY WIRE          |
| GB   | HIGH BANK         |
| HS   | HOUSE             |
| LP   | LIGHT POLE        |
| MP   | MONITORING WELL   |
| NG   | NATURAL GRADE     |
| OHF  | OVERHEAD POWER    |
| PP   | POWER POLE        |
| SB   | SOIL BORING       |
| SC   | SPOT ELEVATION    |
| SE   | TOP OF DITCH      |
| TOE  | TOE OF SLOPE      |
| TP   | TOP OF SLOPE      |
| TR   | TELEPHONE PESTAL  |
| TRAV | TREE              |
| TRL  | TRAVERSE POINT    |
| WE   | TREELINE          |
| WELL | EDGE OF WATER     |
| WM   | WELL              |
| WP   | WATER METER       |
|      | WORK POINT        |

## GENERAL NOTES

REFER TO SPECIFICATIONS FOR GENERAL REQUIREMENTS

1. CONTRACTORS SHALL NOT WORK FROM PARTIAL SETS OF DOCUMENTS, AND SHALL READ AND BE FAMILIAR WITH THE DOCUMENTS AND THE WORK. DIMENSIONS SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER. ANY PREVIOUS ERROR OR INCONVENIENCE SHALL BE WAIVED AS TO A CLAIM AN EXTRA. THE CONTRACTOR MUST HAVE A SET OF SIGNED PLANS ON THE JOB SITE AT ALL TIMES WHEN HIS FORCES ARE ON-SITE WHILE THE PROJECT IS UNDER CONSTRUCTION.
2. LAYOUT. CONTRACTOR SHALL VERIFY ALL GRADES, LINES, LEVELS, AND DIMENSIONS INDICATED IN THE CONTRACT DOCUMENTS AND REPORT TO THE CONTRACTOR OWNER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHMENT OF CONTROL LINES AND LEVELS FOR ALL WORK AND WILL BE RESPONSIBLE FOR OVERALL LAYOUT OF THE PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING BENCHMARKS AS REQUIRED TO MAINTAIN ACCURATE ELEVATIONS.
3. CARTER BURGESS (JACOBS) HAS EXERCISED REASONABLE AND ACCEPTABLE STANDARD OF CARE IN PREPARATION OF THESE PLANS. HOWEVER, THE DESIGN PROCESS INCLUDES ACTIVITIES THAT OCCUR AFTER THE SIGNATURE. THESE ACTIVITIES INCLUDE CALCULATION, PLAN CHECK AND VERIFICATIONS DURING CONSTRUCTION. SHOULD PERSONS, OTHER THAN CARTER BURGESS (JACOBS) BE RESPONSIBLE FOR CONSTRUCTION OF THE PROJECT, THE UNDERSIGNED CARTER BURGESS (JACOBS) FROM ANY DAMAGES RESULTING FROM FAILURE TO PERFORM THOSE TASKS OR ANY EXPENSE OR DAMAGE RESULTING FROM THE EMISSION OR EMISSION CONTAINED IN THE PLANS WHICH WOULD REASONABLY HAVE BEEN DISCOVERED AND CORRECTED BY CARTER BURGESS (JACOBS).
4. ALL UNDERGROUND UTILITIES SHALL BE LOCATED BY THE CONTRACTOR PRIOR TO CONSTRUCTION OF THE PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONTRACTOR, OWNER AND COTR. ANY DAMAGES TO UTILITIES CAUSED BY THE CONTRACTOR SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE. ALL CONNECTIONS TO EXISTING UTILITIES AND ALL UTILITY INSTALLATIONS SHALL BE IN ACCORDANCE WITH REQUIREMENTS OF APPROPRIATE JURISDICTIONAL AGENCIES. EXISTING UNDERGROUND UTILITY LINES ARE SHOWN ON THE DRAWINGS BASED UPON THE SURVEY INFORMATION AVAILABLE TO THE UNDERSIGNED CARTER BURGESS (JACOBS). CONTRACTOR SHALL NOT WARRANT THAT THE INFORMATION IS COMPLETELY ACCURATE. CONTRACTOR SHALL MAINTAIN THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN ANY AND ALL MARKINGS AS NEEDED TO PROTECT EXISTING UTILITIES. ANY DAMAGE OR INTERRUPTION OF SERVICE CAUSED BY THE CONTRACTOR SHALL BE REPAIRED AND SHALL BE IMMEDIATELY TO THE APPROPRIATE UTILITY COMPANY AND SHALL BE REPAIRED AND SERVICE RESTORED IN FULL COOPERATION WITH THE UTILITY COMPANY AT THE CONTRACTOR'S EXPENSE.
5. CALCULATE DIMENSIONS AND MEASURE FOR LAYOUT OF WORK. DO NOT SCALE DRAWINGS. ALL DRAWINGS ARE DIAGRAMMATIC IN NATURE AND NOT INTENDED TO BE USED TO MEASURE. ANY DIMENSIONS OR SHOWN ARE PARTIALLY OR NOT SHALL APPLY TO ALL PARTS OF THE WORK. THE CONTRACTOR SHALL BE RESPONSIBLE TO COMPLETE THE WORK AS REASONABLY INFERRABLE AND NECESSARY TO PRODUCE INTENDED RESULTS.
6. THE CONTRACTOR SHALL BE COMPLETELY RESPONSIBLE FOR PROTECTING EXISTING TREES NOT SCHEDULED TO BE REMOVED BY THIS CONTRACT. ANY DAMAGE TO EXISTING TREES OR REMOVAL OF TREES SHALL BE AS DIRECTED BY THE CONTRACTING OFFICER'S TECHNICAL REPRESENTATIVE.

CALL LOUISIANA ONE-CALL SYSTEM (811)  
48 HOURS PRIOR TO START OF WORK

## CONSTRUCTION DOCUMENTS

[illegible]