

- NOTES:**
- SEE SHEET LA-C-002 FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS.
 - ALL DIMENSIONS SHOWN FOR COMMUNICATION AND ELECTRICAL PULLBOXES ARE INTERNAL DIMENSIONS, UNLESS NOTED OTHERWISE.
 - COMMUNICATIONS CONDUIT SHALL STUB-UP INSIDE THE ACCESS FLOOR TO AN ELEVATION THAT WILL PREVENT FLOODING OF CAVITY IF OUTDOOR UNDERGROUND CONDUIT RUNS ARE FILLED WITH WATER.
 - POLYETHYLENE PULL ROPES SHALL BE PROVIDED BETWEEN PULLBOXES AND STUB-UPS FOR EACH CONDUIT.
 - DUCT BANK SHALL SLOPE DOWN AWAY FROM BUILDING.
 - THRUST BLOCKS SHALL BE PROVIDED AT ALL BENDS AND TEES, FOR ALL PRESSURE LINES. SEE DETAIL 3, SHEET LA-C-055 FOR SIZES.
 - SEE DETAIL 5, SHEET LA-C-055 FOR TRENCH BEDDING REQUIREMENTS.
 - CONTRACTOR SHALL PROVIDE THE COMPLETE DESIGN, PROVIDE ALL EQUIPMENT AND MATERIALS, AND SHALL DRILL THE WATER WELL TO THE DEPTH NECESSARY TO ACHIEVE POTABLE QUALITY WATER. THE CONTRACTOR SHALL PROVIDE AND INSTALL THE POTABLE WATER PUMP AND NECESSARY ACCESSORIES TO PROVIDE A CONTINUOUS FLOW OF 125 GPM AT A MINIMUM OF 50 PSI AT THE PUMP OUTLET. CONTRACTOR SHALL OBTAIN ALL PERMITS AND INSPECTIONS NECESSARY FOR THE WATER WELL AND PUMP AND BE IN ACCORDANCE WITH THE LOUISIANA STATE DEPARTMENT OF HEALTH REQUIREMENTS.
 - SOIL BEARING STRENGTH FOR FIREWATER STORAGE TANK IS 3000 PSI.

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ENLARGED PLAN
 SCALE: 1" = 20'

COMMUNICATION PULL BOX LOCATIONS

| CPB | COORDINATES | |
|-----|-------------|--------------|
| | NORTH | EAST |
| C4 | 750780.6409 | 3456822.4373 |
| C5 | 750750.1834 | 3456728.6770 |
| C6 | 750723.8727 | 3456647.6821 |
| C7 | 750754.0327 | 3456514.2351 |
| C8 | 750825.4881 | 3456374.0907 |

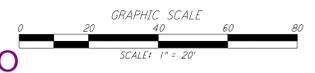
NOTE: COORDINATES ARE TO THE CENTER OF PULL BOX.

ELECTRICAL PULL BOX LOCATIONS

| EPB | COORDINATES | |
|-----|-------------|--------------|
| | NORTH | EAST |
| E1 | 750751.6484 | 3456770.7667 |
| E2 | 750760.3572 | 3456519.2880 |

NOTE: COORDINATES ARE TO THE CENTER OF PULL BOX.

"UTILITY AS-BUILTS AND ASSOCIATED CIVIL WORKS ARE APPROXIMATE"



LIGO-D960828-02-O

| NO. | DATE | BY | CHKD | ENGR | PROJ | DESCRIPTION |
|-----|----------|-----|------|------|------|---------------------------|
| 2 | 08-07-98 | WRB | | | | ISSUED FOR AS-BUILT |
| 1 | 2-28-97 | WRB | ML | JB | TDM | MOVED XFMR'S/ENLARGED PAD |

ISSUED FOR CONSTRUCTION

| | | |
|----------|-----|----------|
| DRAWN | WRB | 11-15-96 |
| CHECKED | ML | 11-15-96 |
| ENGINEER | JB | 11-15-96 |
| PROJ | TDM | 11-15-96 |

AS-BUILT DRAWINGS

100 WEST WALNUT STREET
 PASADENA, CALIFORNIA

CALIFORNIA INSTITUTE OF TECHNOLOGY
 MASSACHUSETTS INSTITUTE OF TECHNOLOGY

LASER INTERFEROMETER
 GRAVITATIONAL-WAVE OBSERVATORY
 SITE NO. 2 - LIVINGSTON, LOUISIANA

| | | | | | |
|--------------|--|-----------|----------|-----------------|------|
| TITLE | CIVIL STATION UTILITY PLAN ENLARGED PLAN | SCALE | AS NOTED | CONTRACT NUMBER | 8094 |
| SHEET NUMBER | LA-C-010 | REVISIONS | | | |