

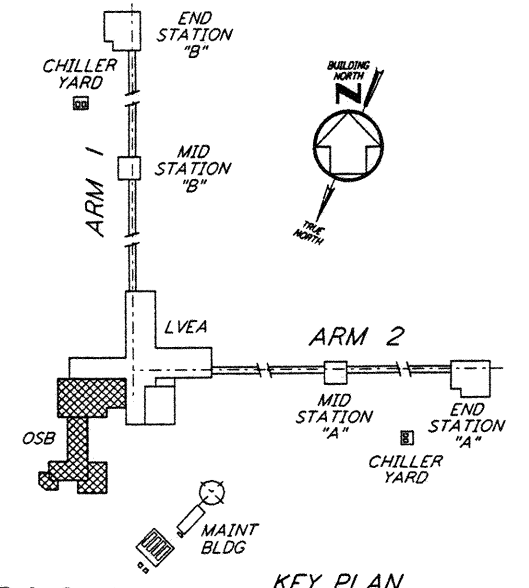
NOTES:
 1. CONSTRUCTION SHALL COMPLY WITH ALL THE REQUIREMENTS OF THE GENERAL NOTES ON DRAWING LA-S-001.
 2. THE BAR SPACING IS BASED ON CENTER TO CENTER OF TIE SET.
 3. FOR ANCHOR BOLT DETAILS SEE DRAWING LA-S-003.

TIE REINFORCEMENT NOTES:
 1A. THESE BARS MUST BE TIED AS SHOWN BY DASHED LINES WHEN X DISTANCE IS OVER 6 INCHES.
 2A. THESE BARS NEED NOT BE TIED WHEN X DISTANCE IS 6 INCHES OR LESS.
 3A. ALTERNATE 90° HOOKS IN COLUMNS.

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| FOUNDATION NO. OF FDN'S REQD. | FOUNDATION LOCATION (COL LINES) | TOP OF CONC EL | FOUNDATION TYPE | PLAN | ELEV | DIMENSIONS | | | | | | | | | | | | | | ANCHOR BOLTS PER PIER | | | | | REINFORCING PER FOUNDATION | | | | | | CONC CY | FDN LOC PLAN | REMARKS | | | | | | | |
|-------------------------------|---------------------------------|----------------|-----------------|------|-------|------------|-------|-----|-----|-----|-----|-------|----|----|-----|--------|-----|------------------|-------------|-----------------------|-------|-------|---------------|---------------|----------------------------|---------------|---------------|-----------------|--------------|----|---------|--------------|---------|----|---|-----|----------|----------|----------|----------|
| | | | | | | A | B | C | D | F | G | H | J | K | M | R | N | ANCHOR BOLT PLAN | NO PER PIER | SIZE D | L | P | BAR S NO SIZE | BAR Z NO SIZE | BAR T NO SIZE | BAR Y NO SIZE | BAR W NO SIZE | TIE BAR NO SIZE | TIE BAR TYPE | | | | | | | | | | | |
| 1 | V-18 | 100'-0" | B | 2 | 4'-0" | 9'-0" | 1'-6" | 10' | 10' | 10' | 10' | 1'-2" | 1" | 7" | 7" | 5'-0" | III | 2 | 4 | 1" | 1'-4" | 4" | 5 | *6 | 10 | *6 | 5 | *6 | 10 | *6 | 8 | *6 | B | *4 | 3 | 2.3 | LA-S-102 | | | |
| | V.2-18 | 100'-0" | | | | | | 10' | 10' | 10' | 10' | 1'-2" | 1" | 7" | 7" | | III | 2 | 4 | 1" | 1'-4" | 4" | | | | | | | | | | | | | | | | | | |
| 1 | W-17.2 | 100'-0" | B | 2 | 4'-0" | 9'-0" | 1'-6" | 10' | 10' | 10' | 10' | 1'-2" | 1" | 7" | 7" | 5'-0" | III | 2 | 4 | 1" | 1'-4" | 4" | 5 | *6 | 10 | *6 | 5 | *6 | 10 | *6 | 8 | *6 | B | *4 | 3 | 2.3 | LA-S-102 | | | |
| | W-17 | 100'-0" | | | | | | 10' | 10' | 10' | 10' | 1'-2" | 1" | 7" | 7" | | III | 2 | 4 | 1" | 1'-4" | 4" | | | | | | | | | | | | | | | | | | |
| 1 | T-16.3 | 100'-0" | B | 2 | 4'-0" | 24'-0" | 1'-6" | 10' | 10' | 10' | 10' | 1'-2" | 1" | 7" | 7" | 20'-0" | III | 2 | 4 | 1" | 1'-4" | 4" | 5 | *6 | 25 | *6 | 5 | *6 | 25 | *6 | 8 | *6 | B | *4 | 3 | 6.0 | LA-S-102 | | | |
| | U-16.3 | 100'-0" | | | | | | 10' | 10' | 10' | 10' | 1'-2" | 1" | 7" | 7" | | III | 2 | 4 | 1" | 1'-4" | 4" | | | | | | | | | | | | | | | | | | |
| 1 | W-15.3 | 100'-0" | B | 2 | 4'-0" | 24'-0" | 1'-6" | 10' | 10' | 10' | 10' | 1'-2" | 1" | 7" | 7" | 20'-0" | III | 2 | 4 | 1" | 1'-4" | 4" | 5 | *6 | 25 | *6 | 5 | *6 | 25 | *6 | 8 | *6 | B | *4 | 3 | 6.0 | LA-S-102 | | | |
| | W-14.3 | 100'-0" | | | | | | 10' | 10' | 10' | 10' | 1'-2" | 1" | 7" | 7" | | III | 2 | 4 | 1" | 1'-4" | 4" | | | | | | | | | | | | | | | | | | |
| 1 | U-18 | 100'-0" | B | 2 | 6'-0" | 24'-0" | 1'-6" | 10' | 10' | 10' | 10' | 1'-6" | 1" | 7" | 7" | 20'-0" | III | 2 | 4 | 1" | 1'-4" | 4" | 7 | *6 | 25 | *6 | 7 | *6 | 25 | *6 | 8 | *6 | B | *4 | 3 | 9.0 | LA-S-102 | | | |
| | U-17 | 100'-0" | | | | | | 10' | 10' | 10' | 10' | 1'-6" | 1" | 7" | 7" | | III | 2 | 4 | 1" | 1'-4" | 4" | | | | | | | | | | | | | | | | | | |
| 1 | K.3-17 | 100'-0" | - | - | - | - | - | 10' | 10' | 10' | 10' | 2'-6" | 1" | 7" | 7" | - | III | 2 | 4 | 1" | 1'-4" | 4" | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 20.0 | LA-S-102 |
| | J.3-17 | 100'-0" | | | | | | 10' | 10' | 10' | 10' | 2'-6" | 1" | 7" | 7" | | III | 2 | 4 | 1" | 1'-4" | 4" | | | | | | | | | | | | | | | | | | |
| | J.3-16.3 | 100'-0" | | | | | | 10' | 10' | 10' | 10' | 2'-6" | 1" | 7" | 7" | | III | 2 | 4 | 1" | 1'-4" | 4" | | | | | | | | | | | | | | | | | | |
| | J.3-15.3 | 100'-0" | | | | | | 10' | 10' | 10' | 10' | 2'-6" | 1" | 7" | 7" | | III | 2 | 4 | 1" | 1'-4" | 4" | | | | | | | | | | | | | | | | | | |
| 1 | K.3-12.3 | 100'-0" | - | - | - | - | - | 1" | 7" | 7" | 7" | 7" | 7" | 7" | - | III | 2 | 4 | 1" | 1'-4" | 4" | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 42.0 | LA-S-102 | |
| | J.3-12.3 | 100'-0" | | | | | | 1" | 7" | 7" | 7" | 7" | 7" | 7" | | III | 2 | 4 | 1" | 1'-4" | 4" | | | | | | | | | | | | | | | | | | | |
| | J.3-11.3 | 100'-0" | | | | | | 1" | 7" | 7" | 7" | 7" | 7" | 7" | | III | 2 | 4 | 1" | 1'-4" | 4" | | | | | | | | | | | | | | | | | | | |
| | J.3-10.3 | 100'-0" | | | | | | 1" | 7" | 7" | 7" | 7" | 7" | 7" | | III | 2 | 4 | 1" | 1'-4" | 4" | | | | | | | | | | | | | | | | | | | |
| 1 | K.3-10.3 | 100'-0" | - | - | - | - | - | 1" | 7" | 7" | 7" | 7" | 7" | - | III | 2 | 4 | 1" | 1'-4" | 4" | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 14.3 | LA-S-102 | | |
| | L.3-10.3 | 100'-0" | | | | | | 1" | 7" | 7" | 7" | 7" | 7" | | 7" | III | 2 | 4 | 1" | 1'-4" | | | | | | | | | | | | | | | | | | | 4" | |
| | P.3-14.3 | 100'-0" | | | | | | 10' | 10' | 10' | 10' | 2'-6" | 1" | | 7" | 7" | III | 2 | 4 | 1" | | | | | | | | | | | | | | | | | | | 1'-4" | 4" |
| | N.3-14.3 | 100'-0" | | | | | | 10' | 10' | 10' | 10' | 2'-6" | 1" | | 7" | 7" | III | 2 | 4 | 1" | | | | | | | | | | | | | | | | | | | 1'-4" | 4" |
| 1 | N.3-13.3 | 100'-0" | - | - | - | - | - | 10' | 10' | 10' | 10' | 2'-6" | 1" | 7" | 7" | - | III | 2 | 4 | 1" | 1'-4" | 4" | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 15.0 | LA-S-102 | |
| | M.3-11.3 | 100'-0" | | | | | | 1" | 7" | 7" | 7" | 7" | 7" | 7" | III | | 2 | 4 | 1" | 1'-4" | 4" | | | | | | | | | | | | | | | | | | | |
| 1 | M.3-10.3 | 100'-0" | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | III | 2 | 4 | 1" | 1'-4" | 4" | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | |



LIGO-D960955-A-0

| NO. | DATE | BY | CHKD | ENGR | PROJ | DESCRIPTION |
|-----|---------|-----|------|------|------|---------------------|
| A | 6-14-96 | MCS | cm | PH | SM | FINAL DESIGN REVIEW |

| | |
|----------|-----|
| DRAWN | MCS |
| CHECKED | |
| ENGINEER | |
| PROJ | |

PARSONS
 100 WEST WALNUT STREET
 PASADENA, CALIFORNIA

LIGO
 CALIFORNIA INSTITUTE OF TECHNOLOGY
 MASSACHUSETTS INSTITUTE OF TECHNOLOGY

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

STRUCTURAL
 CORNER STATION - OSB
 FOUNDATION SCHEDULE
 AND DETAILS SHEET 2

SCALE: NONE
 CONTRACT NUMBER: PPI50969
 PROJECT NUMBER: 8094

SHEET NUMBER: **LA-S-403**