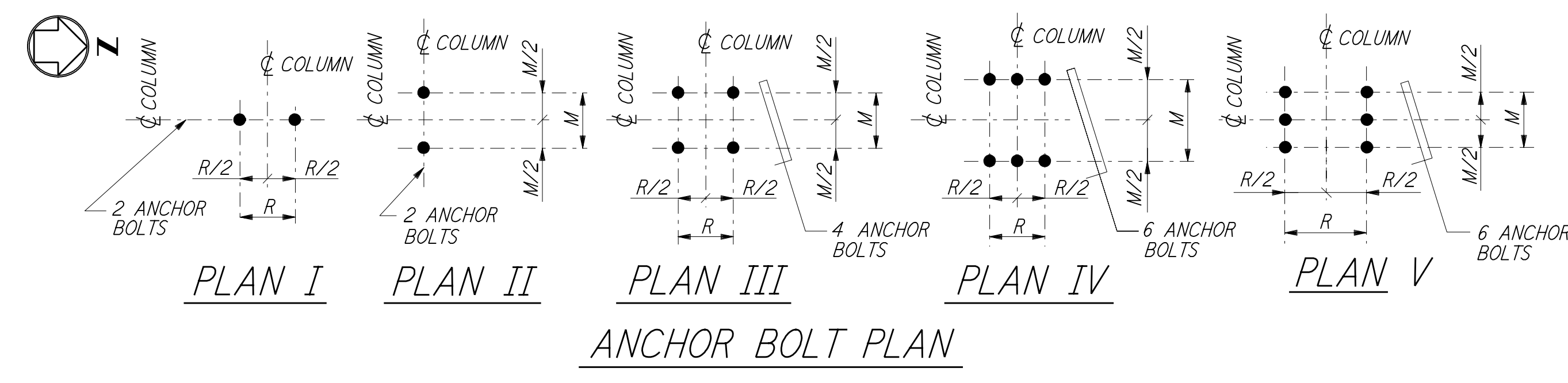
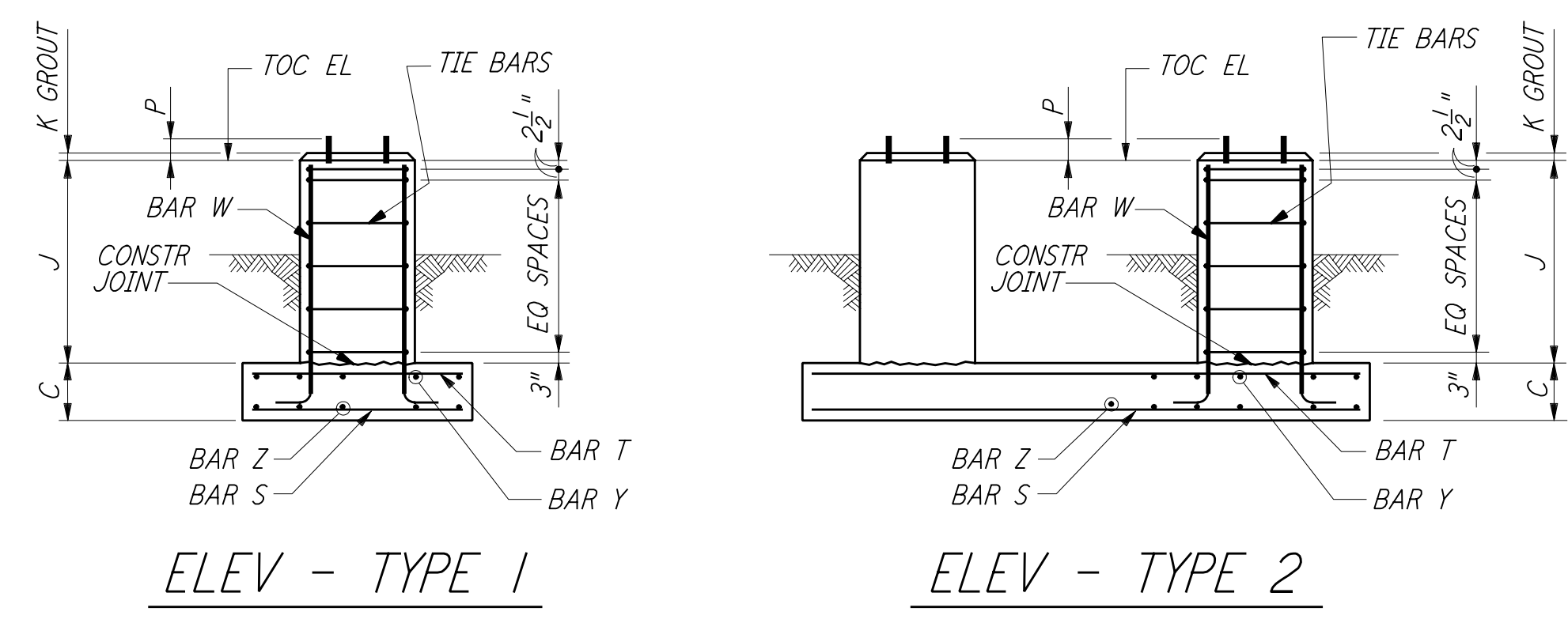


4 - BARS TYPE A
 8 - BARS TYPE B
 12 - BARS TYPE C
 16 - BARS TYPE D
 20 - BARS TYPE E
 24 - BARS TYPE F
 TIE ARRANGEMENT TYPE

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.



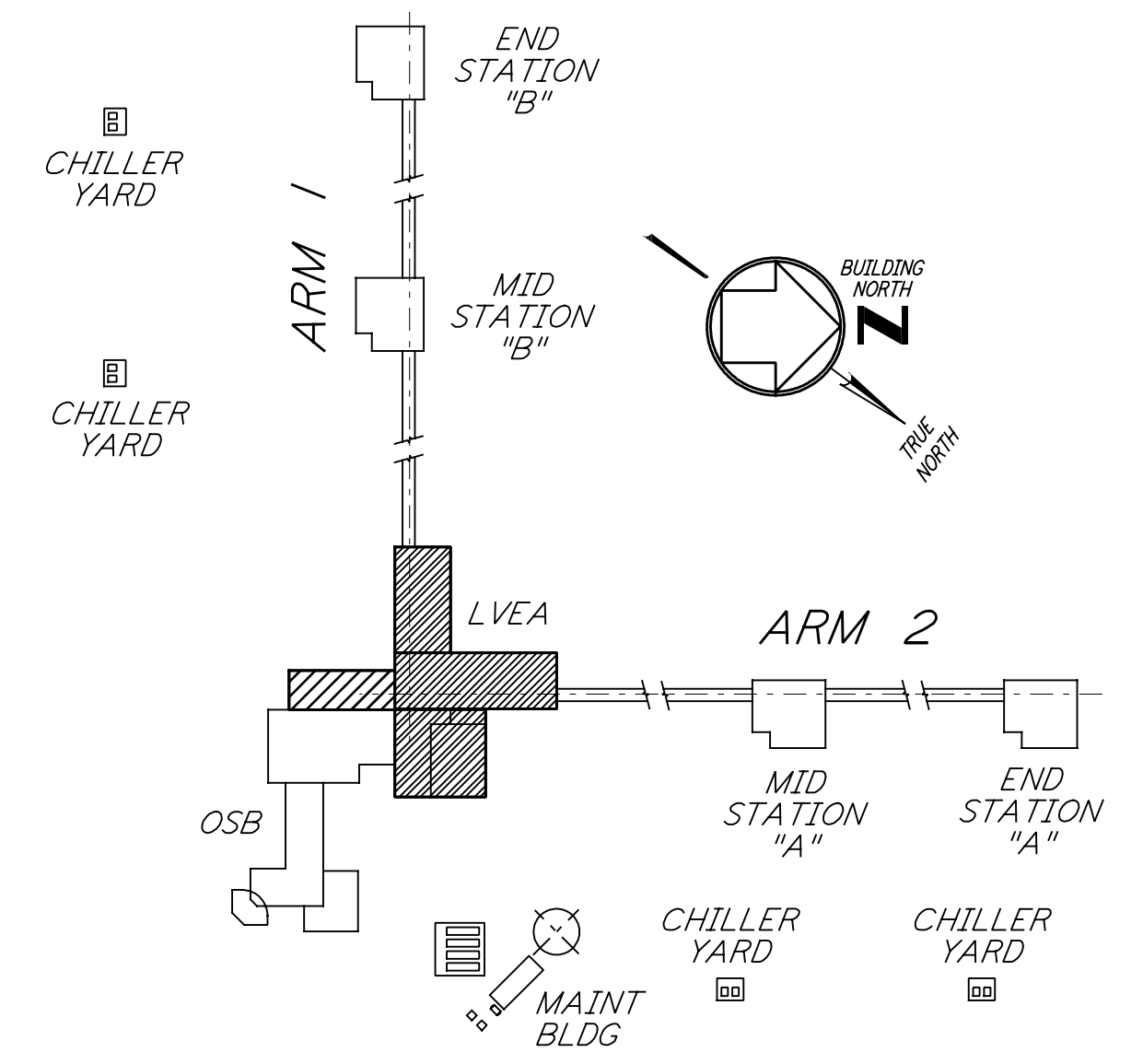
ANCHOR BOLT PLAN

NOTES:

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

This document and the design it covers are the property of PARSONS. They are loaned only with the borrower's expressed written agreement that they will not be reproduced, copied, loaned, exhibited, or used in any other way, except by written consent from PARSONS to the borrower.

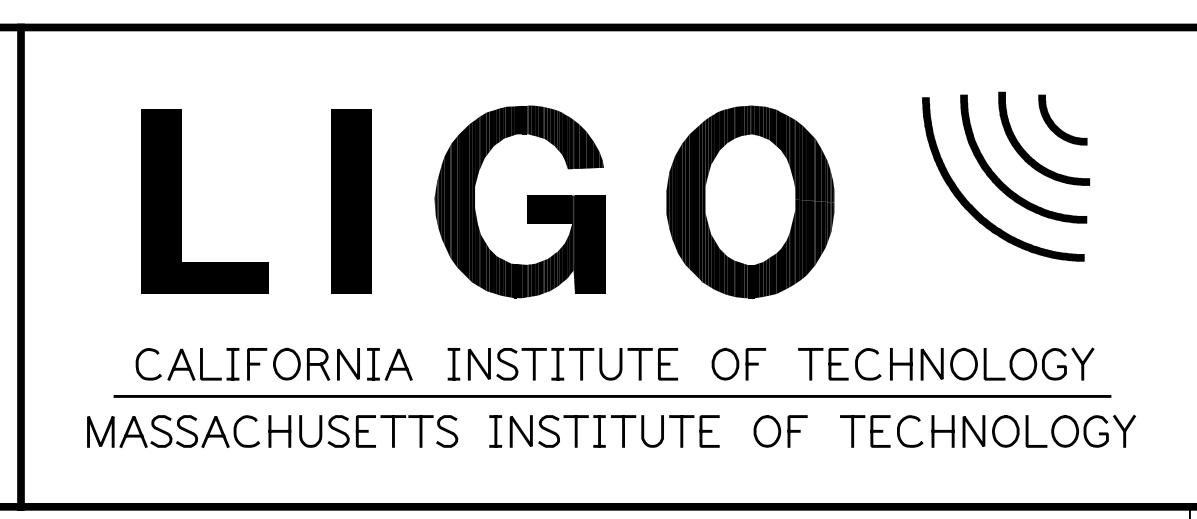
| NO. OF FINS RECD | FOUNDATION LOCATION (COL LINES) | TOP OF CONC EL | FOUNDATION TYPE | | DIMENSIONS | | | | | | | | | | | | | | | ANCHOR BOLTS | | | | | REINFORCING PER FOUNDATION | | | | | | | | | | CONC CY | FDN LOC PLAN | REMARKS | | | | | | | | | | |
|------------------|--|----------------|-----------------|------|------------|--------|-------|-------|-----------|-----------|-------|-------|----|----|----|--------|------------------|------|-------------|--------------|-----|---|----------|------------|----------------------------|------------|----------|------------|----------|------------|----------|------------|--------------|--------------|---------|--------------|---------|---------|------|----------|--|--|----------|--|--|--|--|
| | | | PLAN | ELEV | A | B | C | D | F | G | H | J | K | M | R | N | ANCHOR BOLT PLAN | TYPE | NO PER PIER | SIZE Ø | L | P | BAR S NO | BAR S SIZE | BAR Z NO | BAR Z SIZE | BAR T NO | BAR T SIZE | BAR Y NO | BAR Y SIZE | BAR W NO | BAR W SIZE | TIE BAR TYPE | TIE BAR SIZE | | | | NO RECD | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | K-5 | 100'-0" | A | 1 | 5'-9" | 5'-9" | 1'-0" | 10" | 10" | 10" | 10" | 1'-8" | 1" | 7" | 7" | | | | | | III | 2 | 4 | 1" | 1'-4" | 4" | 7 | #5 | 7 | #5 | 7 | #5 | 7 | #5 | 8 | #6 | B | #4 | 4 | 1.3 | WA-S-501 | | | | | | |
| 1 | K-4 | 100'-0" | A | 1 | 5'-9" | 5'-9" | 1'-0" | 10" | 1'-4 1/2" | 10" | 10" | 1'-8" | 1" | 7" | 7" | | | | | | III | 2 | 4 | 1" | 1'-4" | 4" | 7 | #5 | 7 | #5 | 7 | #5 | 7 | #5 | 8 | #6 | B | #4 | 4 | 1.3 | WA-S-501 | | | | | | |
| 1 | P-6 | 100'-0" | A | 1 | 5'-9" | 5'-9" | 1'-0" | 10" | 10" | 1'-4 1/2" | 10" | 1'-8" | 1" | 7" | 7" | | | | | | III | 2 | 4 | 1" | 1'-4" | 4" | 7 | #5 | 7 | #5 | 7 | #5 | 7 | #5 | 8 | #6 | B | #4 | 4 | 1.3 | WA-S-501 | | | | | | |
| 1 | P-7 | 100'-0" | A | 1 | 5'-9" | 5'-9" | 1'-0" | 10" | 10" | 1'-4 1/2" | 10" | 1'-8" | 1" | 7" | 7" | | | | | | III | 2 | 4 | 1" | 1'-4" | 4" | 7 | #5 | 7 | #5 | 7 | #5 | 7 | #5 | 8 | #6 | B | #4 | 4 | 1.3 | WA-S-501 | | | | | | |
| 1 | L-4 | 100'-0" | B | 2 | 8'-0" | 28'-0" | 2'-0" | 1'-0" | 1'-4 1/2" | 1'-0" | 1'-0" | 2'-0" | 1" | 7" | 7" | 20'-0" | | | | | III | 2 | 4 | 1 1/2" | 2'-6" | 6" | 10 | #6 | 33 | #6 | 10 | #6 | 33 | #6 | 8 | #6 | B | #4 | 4 | 16.8 | WA-S-501 | | | | | | |
| 1 | M-4 | 100'-0" | B | 2 | 8'-0" | 28'-0" | 2'-0" | 1'-0" | 1'-4 1/2" | 1'-0" | 1'-0" | 2'-0" | 1" | 7" | 7" | 20'-0" | | | | | III | 2 | 4 | 1 1/2" | 2'-6" | 6" | 10 | #6 | 33 | #6 | 10 | #6 | 33 | #6 | 8 | #6 | B | #4 | 4 | 16.8 | WA-S-501 | | | | | | |
| 1 | N-4 | 100'-0" | | | | | | 1'-0" | 1'-4 1/2" | 1'-0" | 1'-0" | 2'-0" | 1" | 7" | 7" | | | | | | III | 2 | 4 | 1 1/2" | 2'-6" | 6" | | | | | | | | 8 | #6 | B | #4 | 4 | 28.7 | WA-S-501 | FOR ADDITIONAL INFORMATION SEE FDN LOCATION PLAN | | | | | | |
| 1 | P-4 | 100'-0" | | | | | | 1'-0" | 1'-4 1/2" | 1'-0" | 1'-0" | 2'-0" | 1" | 7" | 7" | | | | | | III | 2 | 4 | 1 1/2" | 2'-6" | 6" | | | | | | | | 8 | #7 | B | #4 | 4 | 28.7 | WA-S-501 | FOR ADDITIONAL INFORMATION SEE FDN LOCATION PLAN | | | | | | |
| 1 | P-5 | 100'-0" | | | | | | 1'-0" | 1'-0" | 1'-4 1/2" | 1'-0" | 2'-0" | 1" | 7" | 7" | | | | | | III | 2 | 4 | 1 1/2" | 2'-6" | 6" | | | | | | | | 8 | #6 | B | #4 | 4 | 28.7 | WA-S-501 | FOR ADDITIONAL INFORMATION SEE FDN LOCATION PLAN | | | | | | |
| 1 | A-8, 7, A-9, 7, A-10, B-6, B-10, C-6, C-10, F-3, F-2, G-10, H-13, H-14, H-15, H, 7-1, I, 7-1, J-1, J-2, J-3, J-6, J-14, J-15, K-6, K-10, N-8, P-10 | | | | | | | | | | | | | | | | | | | | III | 2 | 4 | 1" | 1'-4" | 4" | | | | | | | | | | | | | | | | | WA-S-501 | FOR ADDITIONAL INFORMATION SEE FDN LOCATION PLAN | | | |
| 1 | A-6, A-7, A-8, D-6, D-10, E-6, E-10, F-1, F-4, F-5, F-6, F-10, G-1, H-1, H-10, H-11, H-12, H-16, I-16, J-4, J-5, J-10, J-11, J-12, J-13, J-16, K-7, K-8, L-8, L-10, M-8, M-10, N-10 P-8, P-9 | | | | | | | | | | | | | | | | | | | | III | 2 | 4 | 1 1/2" | 2'-6" | 6" | | | | | | | | | | | | | | | | | | | | | |



KEY PLAN
 LIGO-D960340-01-0

| | | | |
|--------------------------|-------------|---------|---------|
| ISSUED FOR CONSTRUCTION | DRAWN | MCS | 6-24-96 |
| CHECKED | DDM | 7-2-96 | |
| ENGINEER | BP | 6-28-96 | |
| PROJ | MDW | 7-9-96 | |
| AS-BUILT DRAWINGS | | | |
| ISSUED FOR AS-BUILT | | | |
| NO. | DATE | BY | CHKD |
| 1 | 6-15-98 | CKT | |
| DRAWING NO. | DESCRIPTION | | |

100 WEST WALNUT STREET
 PASADENA, CALIFORNIA



| | | | |
|--|-----------|----------------|-----------------|
| LASER INTERFEROMETER GRAVITATIONAL-WAVE OBSERVATORY SITE NO. 1 - HANFORD, WASHINGTON | | | |
| TITLE | SCALE | PROJECT NUMBER | PROPERTY NUMBER |
| STRUCTURAL CORNER STATION LVEA FOUNDATION SCHEDULE | NONE | PP150969 | 8094 |
| SHEET NUMBER | REVISIONS | | |
| WA-S-519 | | | |