

**LOAD ON SEWER**

|   |   |
|---|---|
| NEW FACTORY BLDG.   | 6 TOILETS, PLUS APPROX. 1000 GAL. PER DAY FOR SPRAY WASHING OF VEGETABLES. (PERIODICALLY) |
| PUMP CAPACITY REQUIRED: 37 G.P.M.   |   |
| NOTE: PUMPS INDICATED ON THESE DWGS. HAVE CAPACITY FOR 150 G.P.M. AT THIS CAPACITY SUPPLIED AT THIS TIME FOR FUTURE REQUIREMENTS. |   |

40802

**PUMP DESIGN**

BACK PRESSURE ON 78" L.A.C.S.D. TRUNK SEWER: 15 FT. MIN, 25 FT. MAX

FRICITION LOSS IN 4" C.I.P. & FITTINGS: SEE COMPUTATION SHEETS

STATIC HEAD: SEE COMPUTATION SHEETS

**TOTAL DISCHARGE HEAD**

**PUMP SELECTION**

| GPM | HEAD (FEET) |
|-----|-------------|
| 100 | 40          |
| 150 | 38          |
| 200 | 37          |

EACH PUMP: SEE SYSTEM HEAD AND PUMP H-Q CURVES

- NOTES:**
- ALL CONSTRUCTION SHALL BE IN CONFORMANCE WITH APPLICABLE COUNTY PLUMBING CODES.
  - 4" C.I.P. SHALL BE A.W.W.A. CLASS 150 WITH CLASS "D" FITTINGS, BELL & SPIGOT JOINTS. FITTINGS AND JOINTS MAY BE MADE UP WITH JUTE AND LEAD OR WITH AN APPROVED TYPE OF MECHANICAL JOINT.
  - FLANGED FITTINGS SHALL BE AMERICAN STANDARD CAST IRON, CLASS 125.
  - ALL WORK IN DOMINGUEZ ST. SHALL BE IN ACCORD WITH LOS ANGELES COUNTY ROAD DEPT. SPECIFICATIONS.
  - ALL CONCRETE AND STEEL SHALL CONFORM TO LOS ANGELES COUNTY BUILDING CODE. CONCRETE MIX SHALL BE DESIGNED TO PRODUCE 3,000 P.S.I. CONCRETE AT 28 DAYS.
  - REINFORCING STEEL SHALL BE DEFORMED BARS, INTERMEDIATE GRADE ASTM-A-15-35.
  - ALL PIPING AND EQUIPMENT NOT SUBMERGED SHALL HAVE 1 COAT OF RUST-PENETRATING PRIMER NS 622 OR 2 COATS OF INERTAL TAR STOP IF TAR DIPPED PIPE. THE PRIMED SURFACE SHALL THEN RECEIVE 2 COATS OF GRAY GL-MORTEX ENAMEL OR ALL PURPOSE ALUMINUM #41 AS MANUFACTURED BY INERTAL CO. INC., LOS ANGELES, CALIF., AS DIRECTED.
  - INTERIOR SURFACES OF THE CONC. SUMP SHALL BE PAINTED WITH 2 COATS OF STD. THICK BLACK AS MFD. BY INERTAL CO. INC.
  - CONNECTION TO L.A.C.S.D. TRUNK SEWER SHALL BE CONSTRUCTED IN CONFORMANCE WITH THEIR REQUIREMENTS AND ONLY IN THE PRESENCE OF THEIR REPRESENTATIVE. TELEPHONE MR. ROBERT POWELL, NE. 63037 REGARDING INSPECTION AND COORDINATION.
  - PUMPS AND SWITCHES SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
  - LEAKAGE TEST: FORCE MAIN SHALL BE SUBJECT TO A LEAKAGE TEST IN ACCORDANCE WITH AWWA C600-547, SECTIONS 13.7, 13.8, & 13.9 AT A PRESSURE OF 50 P.S.I. AT THE E OF THE OUTLET OF THE FORCE MAIN.

NOTE: THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION AND STORM DRAIN DIVISION BY TELEPHONE, MADISON 9-4747, EXT. 8155 AT LEAST 24 HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.

Before work can be started, the contractor must obtain a permit to excavate in County streets from the L.A. County Road Department, 28 1/2 W. 8th St., L.A. and a permit to cover construction inspection and record plans from the County Engineer, Room 310, 104 W. 2nd St., L.A. 12.

If work is to be done in a state highway, a permit must be obtained from the state of California, Division of Highways, 120 South Spring Street.

Approval of this plan by the County of Los Angeles does not constitute a representation as to the accuracy of the location of, or the existence or non-existence of, any underground utility, pipe, or structure within the limits of this project.

COUNTY OF LOS ANGELES, CALIFORNIA  
 APPROVED: JOHN A. LAMBE, County Engineer  
 By: *Richard S. Johnson*, Assistant Engineer  
 APPROVED: *Robert Powell*, Chief Engineer  
 By: *Robert Powell*, Chief Engineer  
 Check of *Robert Powell*, Office Engineer  
 Office of County Engineer Reg. C. E. No. 129,753

PRIVATE CONTRACT No. 6327  
 LOMITA BLDG. DIST. No. 12  
 W. 8th St. & Brant Ave. 73' x 81'  
 TWO SHEETS

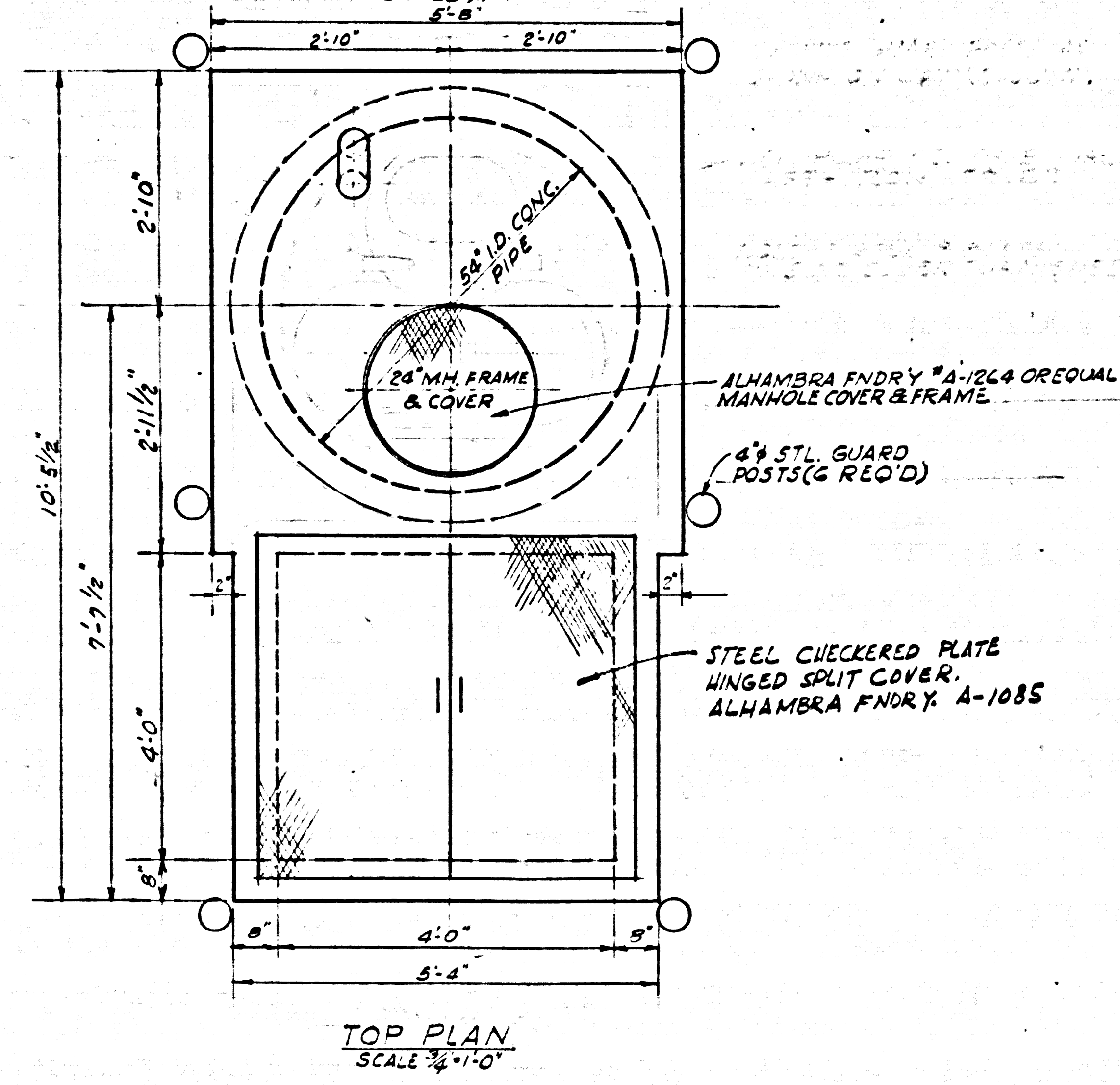
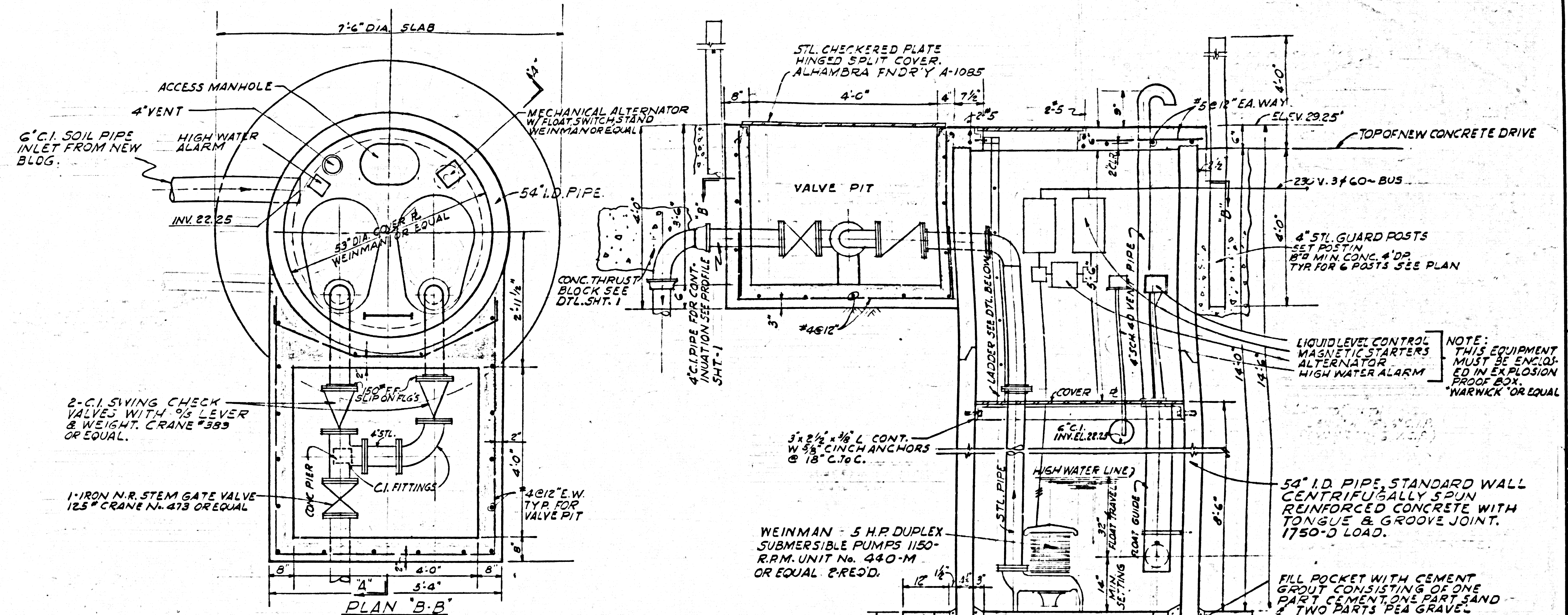
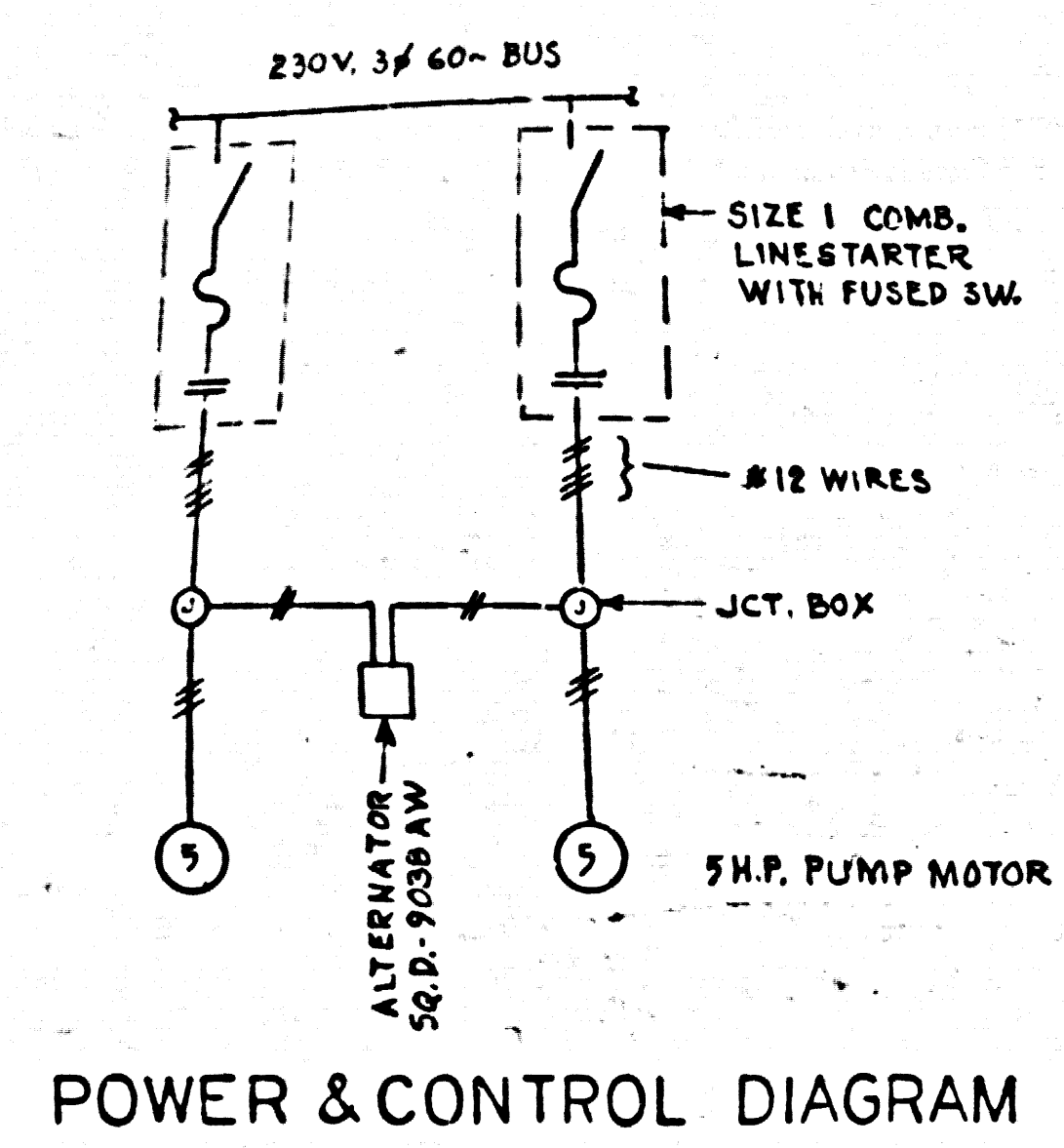
**DETAIL OF CONNECTION AT L.A.C.S.D. NO. 2 CONC. BOX**

SCALE - 3/8" = 1'-0"

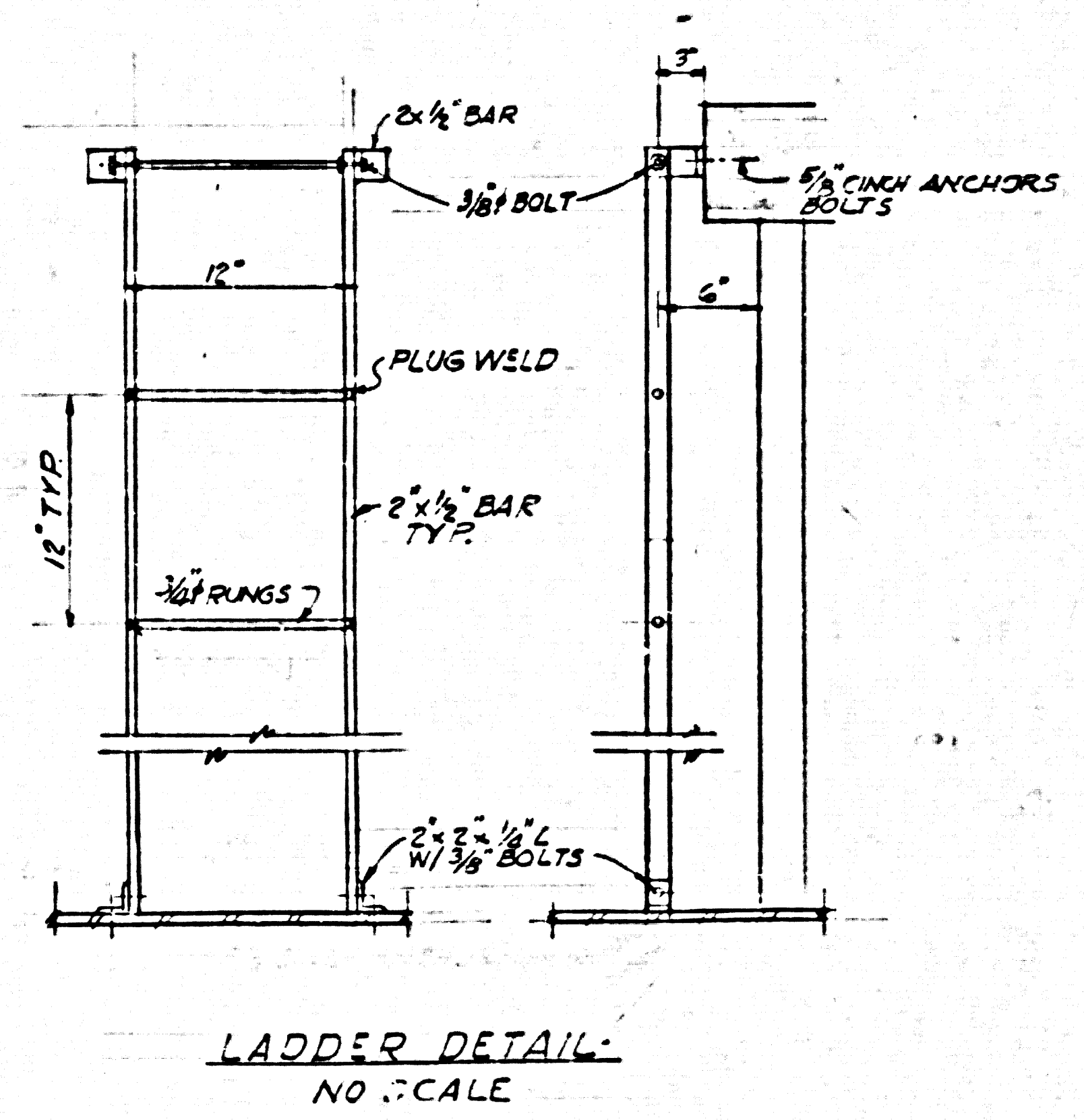
| REVISION                                    | DATE     | DESIGNED BY | DATE     | CHECKED BY | DATE    | M. A. N. CO. JOB NO. |
|---|----------|-------------|----------|------------|---------|----------------------|
| REVISED PUMP STATION LOCATION               | 10-31-62 | WFL         | 10-10-62 | DJH        | 7/24/62 | 335                  |
| REVISED REINFORCING, FORCE MAIN & PUMP DATA | 10-10-62 | WFL         | 10-10-62 | DJH        | 7/24/62 | 335                  |
| REVISED LOCATION OF PUMPING STATION         | 9-29-62  | WFL         | 9-29-62  | DJH        | 7/24/62 | 335                  |
| REVISIONS PER L.A. COUNTY                   | 8-30-62  | DJH         | 8-30-62  | DJH        | 7/24/62 | 335                  |
| ADDITIONS PER L.A. COUNTY                   | 8-13-62  | DJH         | 8-13-62  | DJH        | 7/24/62 | 335                  |

Approved by *Robert Powell* 11/19/62  
 Industrial Waste Division Date

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| <p><b>M. A. NISHKIAN &amp; CO.</b><br/>         CONSULTING ENGINEERS<br/>         3754 LONG BEACH BLVD. LONG BEACH, CALIFORNIA<br/>         GARFIELD 4-1627 Wm F. LeVey, C.E. 9004</p> | <p><b>SEWAGE PUMPING STATION</b><br/>         NEW FACILITIES OF ROSENMYER PICKLE CO.</p> | <p>SPECIFICATION NO. _____ SHEET NO. 1 OF 2<br/>         CAPITAL PROJECT NO. _____</p> |
|--|--|--|



SECTIONAL ELEVATION AA  
SCALE 3/8" = 1'-0"



40803

DETAIL OF SEWAGE PUMPING STATION.

|                     |                 |                            |                 |  |  |   |  |   |                   |                     |
|---------------------|-----------------|----------------------------|-----------------|--|--|---|--|---|-------------------|---------------------|
| DESIGNED BY<br>A.R. | DATE<br>11/7/62 | CHECKED BY                 | DATE            | M. A. N. CO. JOB NO.<br>335                      | M. A. NISHKIAN & CO.<br>CONSULTING ENGINEERS<br>3754 LONG BEACH BLVD.<br>GARFIELD 4-1627 | LONG BEACH, CALIFORNIA<br>NEVADA 6-9351 | FRECAST CONCRETE ALTERNATE<br>FOR SEWAGE PUMPING STATION | NEW FACILITIES OF<br>ROSENMYER PICKLE CO. | SPECIFICATION NO. | SHEET NO.<br>2 of 2 |
| DRAWN BY<br>A.R.    | DATE<br>11/7/62 | AS BUILT<br>CORRECTIONS BY | DATE<br>11/7/62 | M. A. N. CO. APPROVAL<br>Wm. F. LEVER, C.E. 5004 |  |   |  |   | SCALE             | CAPITAL PROJECT NO. |