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|-------------------------------------|------|--|----------------------|
| REVISIONS                           |      | CITY OF LONG BEACH, CALIFORNIA<br>DEPARTMENT OF PUBLIC WORKS | STANDARD<br>PLAN NO. |
| NO.                                 | DATE |  |                      |
| 1                                   |      | STEEL STEP   | SHEET<br>1 OF 2      |
| 2                                   |      |  |                      |
| 3                                   |      |  |                      |
| 4                                   |      |  |                      |
| APPROVED BY: <i>Edward J. Putsy</i> |      | DATE: 6-26-89  |                      |
| CITY ENGINEER R.E. No. 24233        |      | EX. DATE 12-31-89  |                      |

**NOTES:**

1. UNLESS OTHERWISE SPECIFIED OR NOTED, STEP MAY BE ANY TYPE SHOWN.
2. STEPS SHALL BE STEEL CONFORMING TO ASTM A 307 AND SHALL BE GALVANIZED AFTER FABRICATION. IF STAINLESS STEEL STEPS ARE SPECIFIED OR CALLED FOR ON PLANS, THE MATERIAL SHALL CONFORM TO ASTM A 276, 300 SERIES.
3. UNLESS OTHERWISE NOTED ON DRAWINGS OR STANDARD PLANS FOR SPECIFIC STRUCTURES:
  - D=7"
  - E=6" OR T"-1" WHICHEVER IS LESS
  - S=16" MAXIMUM, EVENLY SPACED
4. BOTTOM STEP SHALL BE MAXIMUM OF 2 FEET ABOVE FLOOR OR SHELF.
5. TYPES 1 AND 2 STEPS MAY BE CAST IN PLACE OR PLACED IN THE CENTER OF 1 1/2" MINIMUM DIAMETER DRILLED OR FORMED HOLES AND SET WITH HIGH-STRENGTH (6000 PSI MIN.), NON-SHRINK GROUT. TYPE 3 STEP SHALL BE CAST IN PLACE.

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| NO. DATE  | STEEL STEP   |  | 615                  |
| 1         |  | APPROVED BY: <u><i>Edward J. Rutz</i></u><br>CITY ENGINEER R.E. No. <u>24233</u> | SHEET                |
| 2         |  | DATE: <u>6-26-89</u><br>EX. DATE <u>12-31-89</u>                                 | 2 OF 2               |
| 3         |  |  |                      |
| 4         |  |  |                      |