



UNLESS OTHERWISE NOTED:

$D = 7"$
 $E = 6"$ OR $T - 1"$, WHICHEVER IS LESS
 MINIMUM E IS $3"$
 $S = 12"$ MAX, EVENLY SPACED
 $W = 16"$ MIN

FOR MANHOLES AND UNDERGROUND VAULTS:
 $S = 16"$ MAX, EVENLY SPACED
 $W = 14"$ MIN

NOT TO SCALE



APPROVED BY:

10-18-06
 CITY ENGINEER DATE
RICARDO SANDOVAL

REVIEWED BY:

DATE OF LAST REVISION: _____

CITY OF FONTANA

STEEL STEP

07/10/06

STD. PLAN NO. 3024

SHT 1 OF 2

NOTES

1. STEPS SHALL BE STEEL CONFORMING TO ASTM A307 AND SHALL BE GALVANIZED AFTER FABRICATION..
2. IF STAINLESS STEEL STEPS ARE REQUIRED, THE MATERIAL SHALL CONFORM TO ASTM A276, 300 SERIES.
3. STEPS ENDS MAY BE TYPE 1, 2 OR 3, AS SHOWN.
4. BOTTOM STEP SHALL BE MAXIMUM OF 2' ABOVE FLOOR OR SHELF.
5. STEPS WITH TYPE 1 OR 2 ENDS MAY BE CAST IN PLACE, OR PLACED IN THE CENTER OF 1 1/2" MIN DIA DRILLED OR FORMED HOLES AND SET WITH HIGH STRENGTH NON-SHRINK GROUT, 6000 PSI MIN. STEPS WITH TYPE 3 ENDS SHALL BE CAST IN PLACE.
6. DIMENSIONS SHOWN ON THIS PLAN ARE NOT EXACTLY EQUAL VALUES.



APPROVED BY: *[Signature]* 10.10.06
 CITY ENGINEER DATE
RICARDO SANDOVAL
 REVIEWED BY: *DG*
 DATE OF LAST REVISION: _____

CITY OF FONTANA	
STEEL STEP	
<small>07/10/06</small>	
STD. PLAN NO. 3024	SHT 2 OF 2