



H (ft)	F (in)	B (in)
≤1	6	15
2	8	22
3	10	27
4	12	33
5	14	44
6	16	53
7	18	60

**NOTES:**

1. THIS STANDARD PLAN SHALL GENERALLY BE USED ONLY FOR PARK TRAILS. IT SHALL NOT BE USED TO PROVIDE SUPPORT FOR STRUCTURES, ROADS, OR OTHER FACILITIES.
2. MORTAR SHALL BE CLASS 'D' PER SECTION 202-1.5.1 OF THE STANDARD SPECIFICATIONS, RECESSED 1" MAXIMUM FROM EXPOSED FACE OF THE STONE AND 2/3 MINIMUM STONE EMBEDMENT.
3. ARROYO STONE SHALL USE THE HISTORIC MASONRY STYLE OF THE ARROYO BY USING A VARIETY OF SIZES OF STONE WITH LARGER STONES AT THE BASE OF THE WALL.
4. WALL SHALL BE BUILT ON UNDISTURBED NATIVE, OR SUBGRADE COMPACTED TO 95% RELATIVE COMPACTION.
5. WALL BATTER SHALL BE 1:6 MINIMUM AND 1:3 MAXIMUM.
6. CROSSLAY STONE FOR EACH 3 FEET TO 4 FEET OF WIDTH AND HEIGHT.
7. BACKFILL WITH FREE DRAINING GRANULAR MATERIAL.

**CITY OF PASADENA - DEPARTMENT OF PUBLIC WORKS**

DRAWN BY:  
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**ARROYO STONE  
GRAVITY RETAINING WALLS**

APPROVED BY:  
*Steve A. Wight*

CITY ENGINEER RCE NO.48650 EXPIRES JUNE 30, 2018

11/3/14  
DATE

REVISION: UNITS:  
ENG

STANDARD PLAN:  
**S-639**

SHEET 1 OF 1  
S-639-REV1-DWG 11/01/16