BASIS FOR DESIGN


WIND LOADS: 1994 UBC, Exposure B, 80 mph

SEISMIC LOADS: 1994 UBC, Seismic Zone 3

SOIL: Soil is assumed to provide: 2,000 psf bearing capacity, 200 psf/foot lateral bearing capacity

Concrete: Concrete work is assumed to comply with all requirements of Chapter 19 of the Uniform Building Code. Concrete strength is assumed to be f_c = 2,500 psi. Masonry design stresses are in accordance with UBC Section 2107 without continuous inspection.

Masonry: Masonry assembly is assumed to have a minimum compressive strength of 2,600 psi. Masonry design stresses are in accordance with UBC Section 2107 without continuous inspection.

Mortar: All mortar is assumed to be Type S and to conform with UBC Section 2102 and 2103.

Masonry Grout: Grout is assumed to conform to UBC Section 2102 and 2103 and the proportion specifications of UBC Table 21-B.

Masonry Reinforcing Steel: Reinforcing is assumed to conform to UBC Section 2102.2.10. Deformed bars are assumed to be Grade 60.

Disclaimer. The material presented in these drawings is for general information only. It should not be used or relied upon for specific applications without independent evaluation by a licensed design professional familiar with the specific use and application. Anyone making use of this information does so at their own risk and assumes any and all liability resulting from such use.

Branch Locations

www.mutualmaterials.com
BRICK FENCE OVERVIEW

CENTER SPAN SPREAD FTG

PLAN

1/2" x 7'-0"

BRICK OR PRECAST CAP

MAX WALL HEIGHT

16'-0" MAXIMUM SPACING

ELEVATION

1/2" x 7'-0"

BRICK OR PRECAST CAP

NOTE: NOT DESIGNED FOR SUPPORT OF RETAINED EARTH.

EXAMPLE FOUNDATION PLAN

CENTER SPAN PILE FTG

PLAN

1/2" x 7'-0"

深基础详图

CORNER FOOTING

1/2" x 7'-0"

FOUNDATION DETAILS

CENTER SPAN PILE FTG

ELEVATION

1/4" x 7'-0"

FLARE PILE @ TOP AS REQUIRED TO SUPPORT BRICK

OPTIONAL INTERMEDIATE WALL SUPPORT 1/4 x 7'-0"