CITY LA DBS
DEPARTMENT OF BUILDING AND SAFETY

INFORMATION BULLETIN / PUBLIC - BUILDING CODE
REFERENCE NO.: UBC 21-4, ASTM A-615 Effective: 7-01-98
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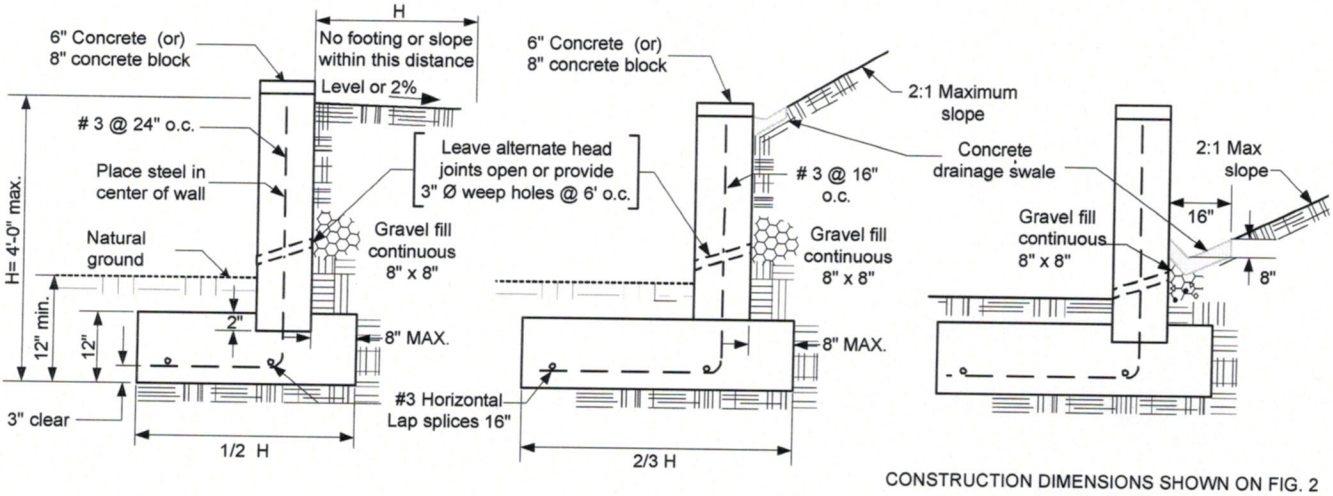
Previously Issued As: IB GR-2

RETAINING OR SLOUGH WALL • 4'-0" HIGH



CONSTRUCTION DIMENSIONS SHOWN ON FIG. 2

FIG. 1

(NO PERMIT IS REQUIRED FOR FIG. 1)

FIG. 2

FIG.3 (SLOUGH WALL)

(PERMIT IS REQUIRED FOR FIG. 2 AND FIG. 3)

NOTES

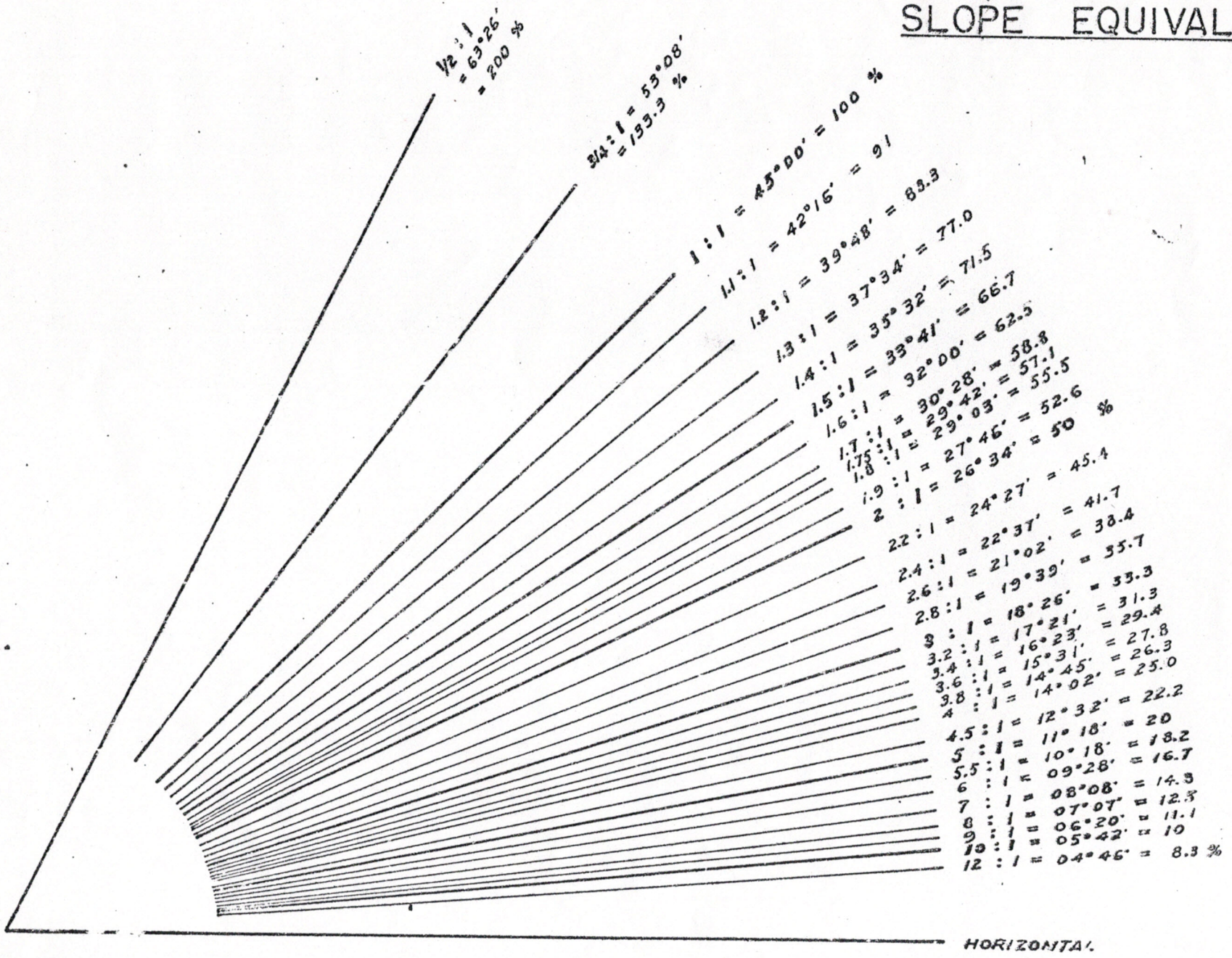
These walls are designed for the average condition and may not be suitable in all cases. Where the proposed wall construction is extensive, a licensed civil or structural engineer should be consulted.

GENERAL SPECIFICATIONS

1. All footings to be 12" into natural ground.
2. Concrete mix for footing and for concrete wall to be 1 part Portland cement, 2 parts sand, 3 parts 1" rock with a maximum of 7 gallons of water per sack of cement.
3. Grout mix for concrete block wall to be 1 part Portland cement, to 3 parts sand to which may be added not more than 1/10 part lime. Sufficient water to be added to produce consistency for pouring without segregation of the constituents. Grout may contain pea gravel to a maximum size of 3/8".
4. Mortar mix for concrete blocks to be 1 part cement to 1/4 lime putty or hydrated lime to 3½ parts damp loose sand.
5. Concrete block units to be standard 8"x8"x16" units conforming to UBC Standard 21-4.
6. Reinforcing steel shall be deformed steel conforming to A.S.T.M. Specification A-615. Lap all steel 16".
7. Concrete block units to be staggered (running bond).
8. Concrete block units to have vertical continuity of the cells unobstructed. All cells containing reinforcing to be filled solid with grout.
9. The designs illustrated on this information bulletin do not apply to locations with expansive soil.

City of Los Angeles – Dept. of Building & Safety

SLOPE EQUIVALENT



Slope Equivalent

B&S 8-141 2.64