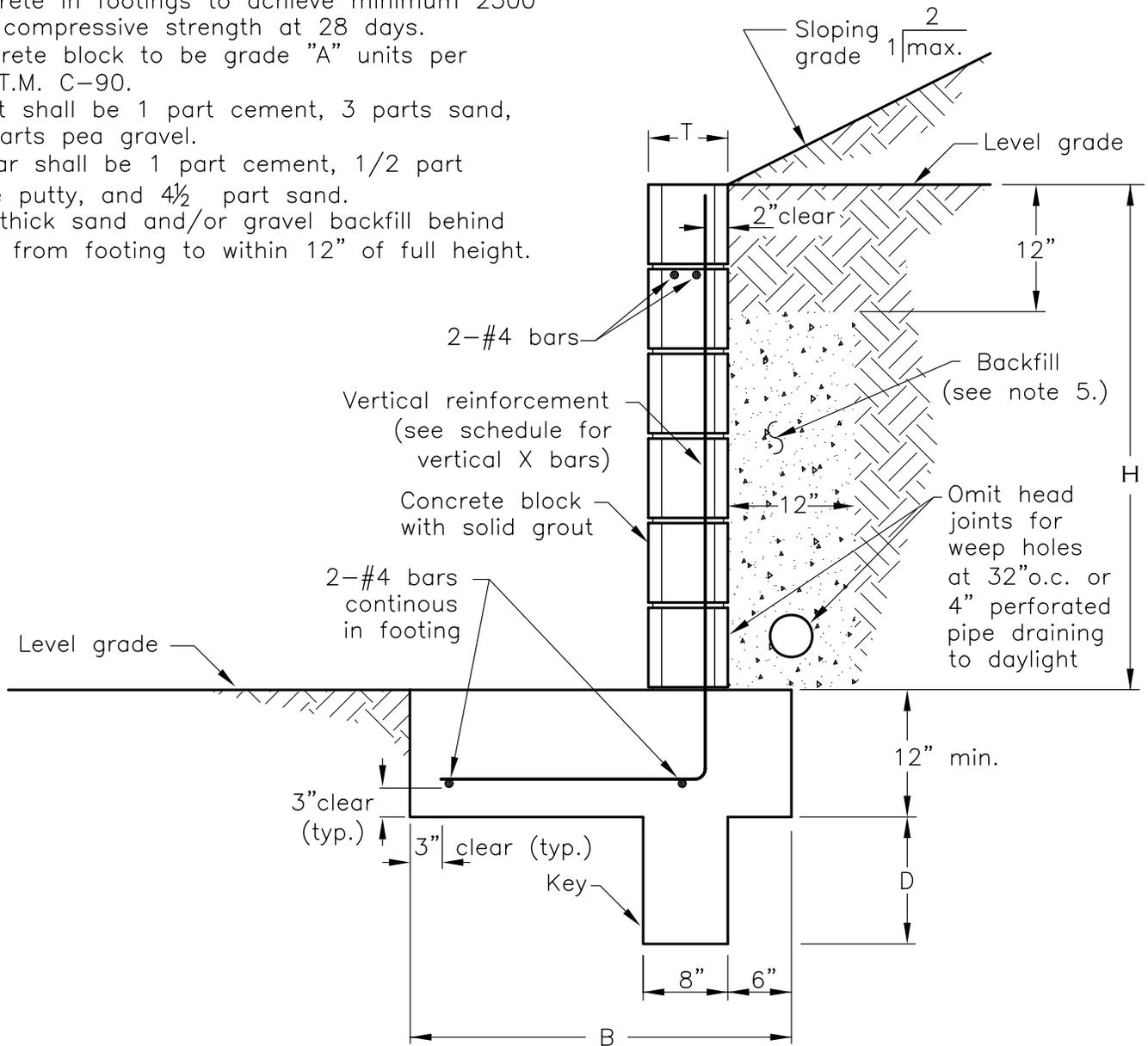


**General Notes:**

1. Concrete in footings to achieve minimum 2500 psi compressive strength at 28 days.
2. Concrete block to be grade "A" units per A.S.T.M. C-90.
3. Grout shall be 1 part cement, 3 parts sand, 2 parts pea gravel.
4. Mortar shall be 1 part cement, 1/2 part lime putty, and 4 1/2 part sand.
5. 12" thick sand and/or gravel backfill behind wall from footing to within 12" of full height.

**RETAINING WALL**



	Height H	Width B	Block size T	Vertical X bars	Key depth D
Design for level grade behind wall	3'	1'-10"	6"	#3@24"o.c.	6"
	4'	2'- 6"	8"	#4@24"o.c.	12"
Design for sloping grade behind wall	3'	2'- 3"	6"	#4@16"o.c.	12"
	4'	3'- 0"	8"	#5@16"o.c.	18"



**CITY OF THOUSAND OAKS**  
 COMMUNITY DEVELOPMENT DEPARTMENT  
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 Approved by: Dave Hueners P.E.

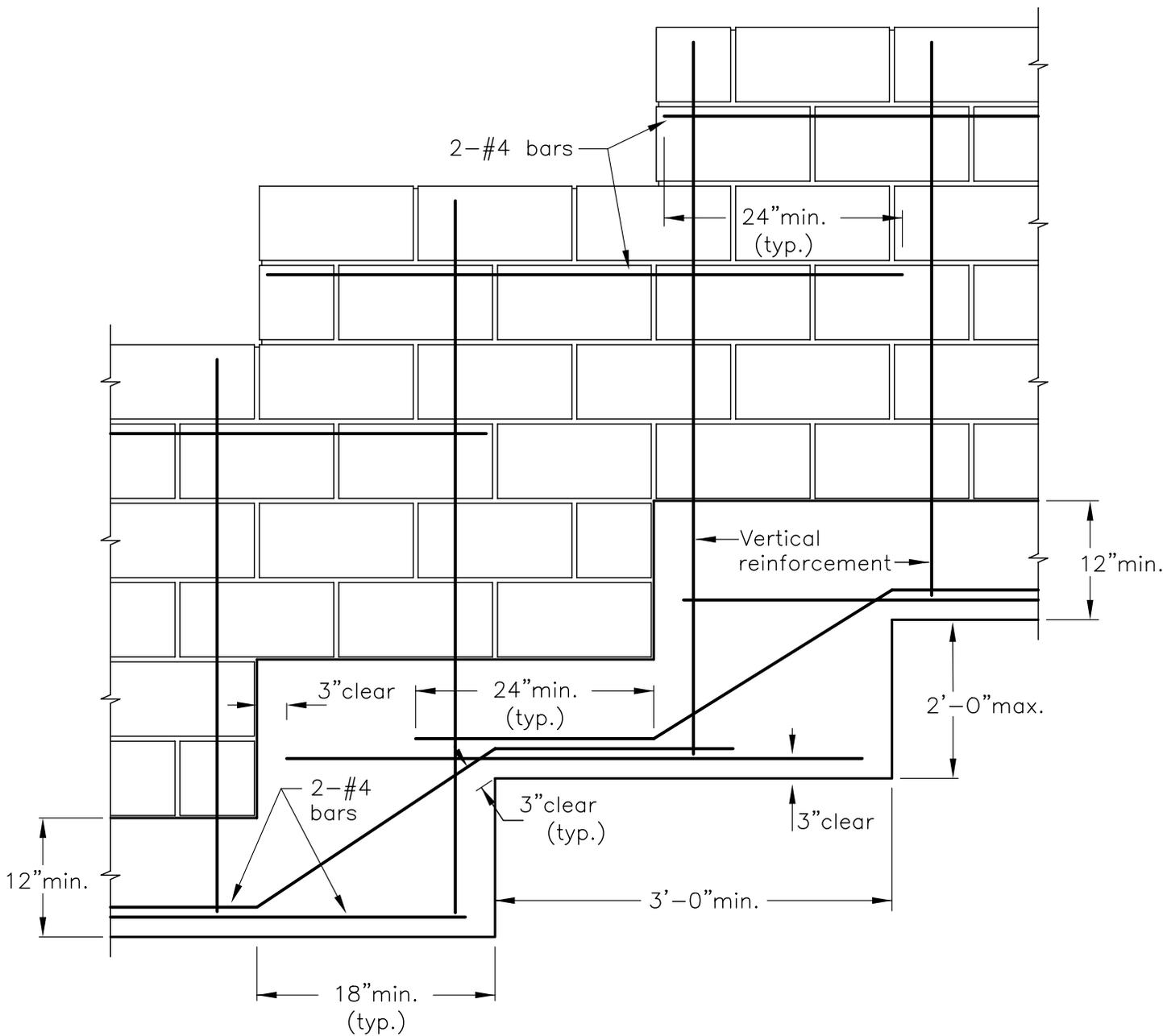
Building Official

**RETAINING WALL (4'-0" MAX.)**

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Note: Maximum slope  $1 \frac{1}{2}$

**STEPPED FOOTING**

(wall elevation)



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*Dave Hueners*

**RETAINING WALL (4'-0" MAX.)**

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January 2008

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