

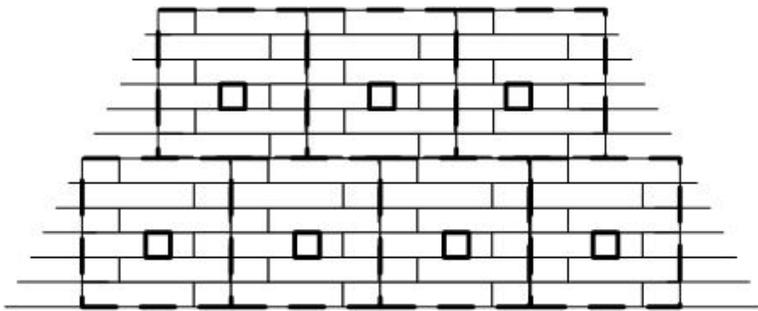
TIMBER RETAINING WALLS

Minneapolis Department of Inspections
Informational Bulletin

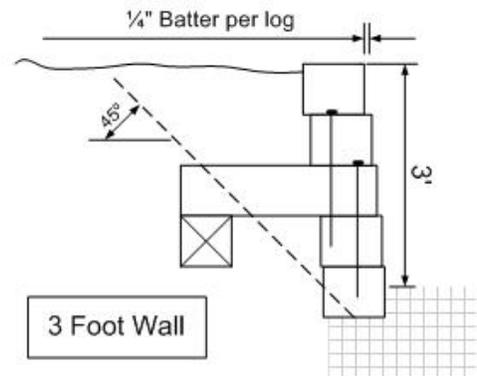
Revised September 2005

Requirements

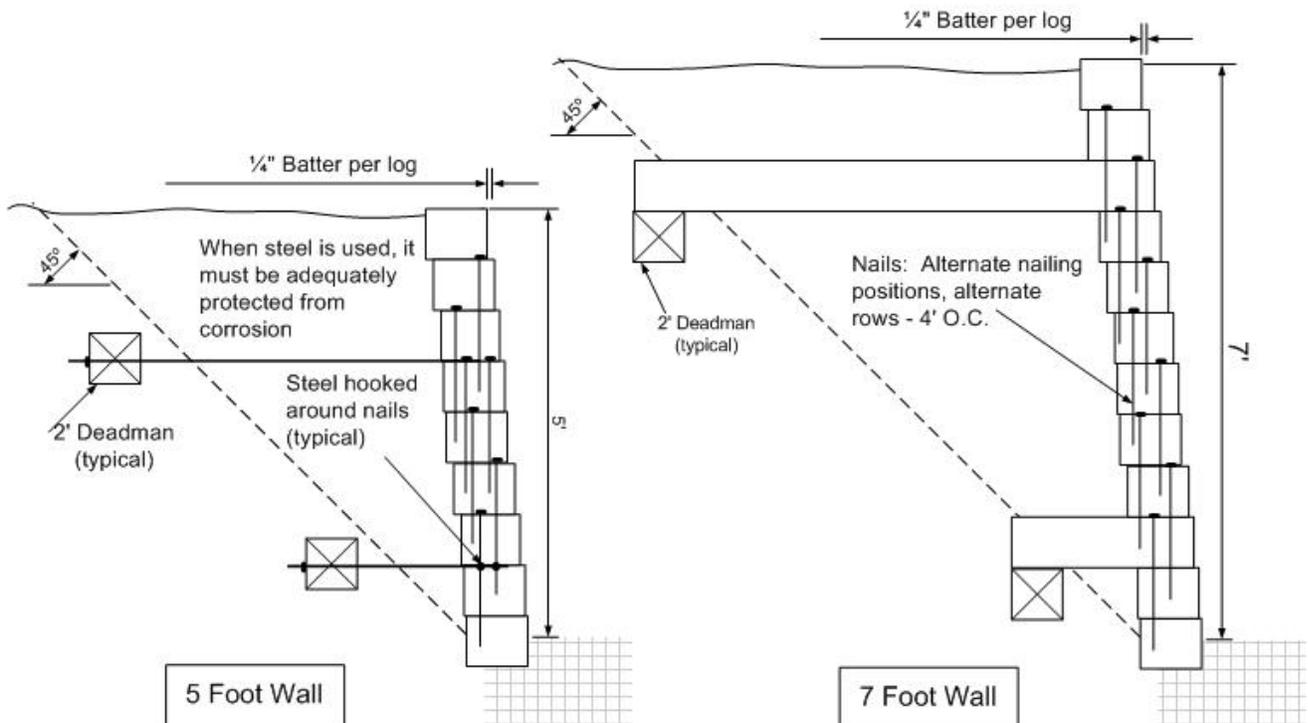
- Walls over four (4) feet need a permit
- Treated timbers required
- Walls over seven (7) feet or with special loading require a licensed engineer
- Deadman tiebacks may be timber or steel; they must be outside 45° line
- Nails must pass through two (2) timbers into third



Typical elevation showing typical deadman layout. 1 deadman per 16 square feet of wall staggered rows



3 Foot Wall



5 Foot Wall

7 Foot Wall