Modification or Addition to Improvement Standards and Details

Modification Number: 200811-01
Effective Date of Change: November 11, 2008

Modification:

1. Adding new standard drawings for grading/retaining walls, (G-1, G-2, G-3, and G-4).
2. Amending Section 10 in Improvement Standards to reference these new drawings.

Amended specifications are attached. Projects with preconstruction meeting prior to effective date are not subject to modification.

Effect of Modification:

1. These drawings are additional information as referenced from Section 10-4 to 10-6 of the Improvement Standards and Standard Drawings.

Request for Modification Initiated By:

Darren Wilson, P.E. 4/28/09

Modification Reviewed for Conformity and Consistency to Standards:

City Engineer 4/28/09

Modification to Improvement Standards Approved:

Director of Public Works 4/28/09
RETAINING WALL

(SEE STD DWG G-3 AND G-4)

NOTE: NO DOUBLE RETAINING WALLS SHALL BE CONSTRUCTED ON SIDE YARD

5:1 MAX.
NOTES:

1. MATERIAL FOR WALLS SHALL BE GRADE NO. 2 OR BETTER REDWOOD WITH NO OPEN GRAIN MATERIAL.
2. WOOD WALLS SHALL NOT BE USED ADJACENT TO PUBLIC RIGHTS OF WAY.
3. ALL WALLS WITHIN 8 FEET OF A BOUNDARY OR PROJECT PHASE LINE SHALL BE CONSTRUCTED WITH MASONRY OR CONCRETE.
4. 4-INCH BY 6-INCH POSTS AT 4-FOOT ON CENTER SHALL BE USED AS FENCE POSTS WHEN FENCES ARE ATTACHED TO RETAINING WALLS.
5. NO DOUBLE RETAINING WALLS SHALL BE CONSTRUCTED ON SIDE YARDS.

CITY OF ELK GROVE - PUBLIC WORKS

WOOD RETAINING WALL DETAILS FOR INTERIOR PROPERTY LINES

G - 3
FENCES UP TO 6' HIGH MAY BE ATTACHED. SET FENCE POSTS TO TOP OF FOOTING. GROUT OR CAST IN PLACE.

\[ f'_c = 2,000 \text{ P.S.I.} \]
\[ f'_m = 1,500 \text{ P.S.I.} \]
\[ f'_y = 60,000 \text{ P.S.I.} \]

#4 REBAR @24" C.C.

6" LAYER OF CLEAN GRAVEL

2-#4 REBAR

3-#4 REBAR

24" MAX.

3" MIN. COVER

EXISTING GRADE

12"

30"

NOTES:
1. 8-INCH NORMAL WEIGHT BLOCK WITH FULL GROUTING REQUIRED.
2. A 6-INCH WIDE CAST-IN-PLACE CONCRETE STEM WALL MAY BE USED IN LIEU OF MASONRY.
3. SPECIAL INSPECTION IS NOT REQUIRED.
4. A BUILDING PERMIT IS REQUIRED FOR WALLS EXCEEDING 24" IN HEIGHT WHEN CONSTRUCTION DETAILS ARE NOT SHOWN ON APPROVED IMPROVEMENT PLANS.