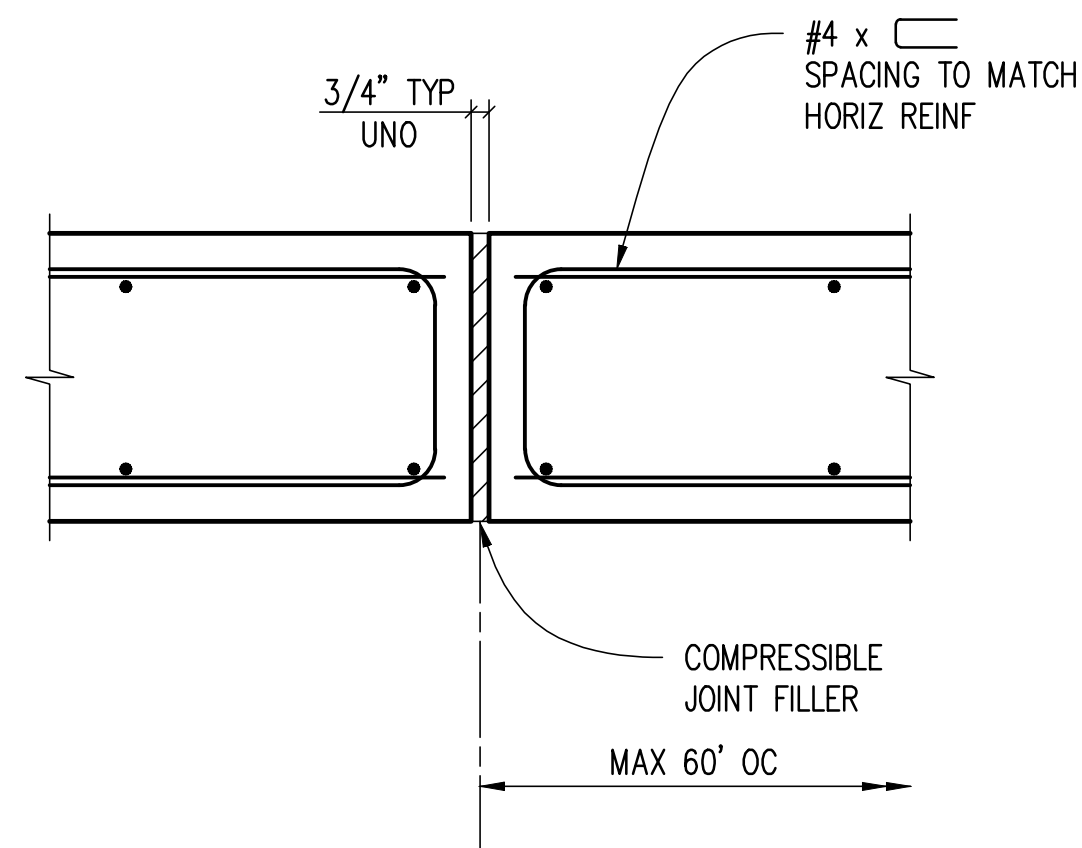


1 STEPPED BENCH DETAIL  
NO SCALE



2 EXPANSION JOINT DETAIL  
NO SCALE

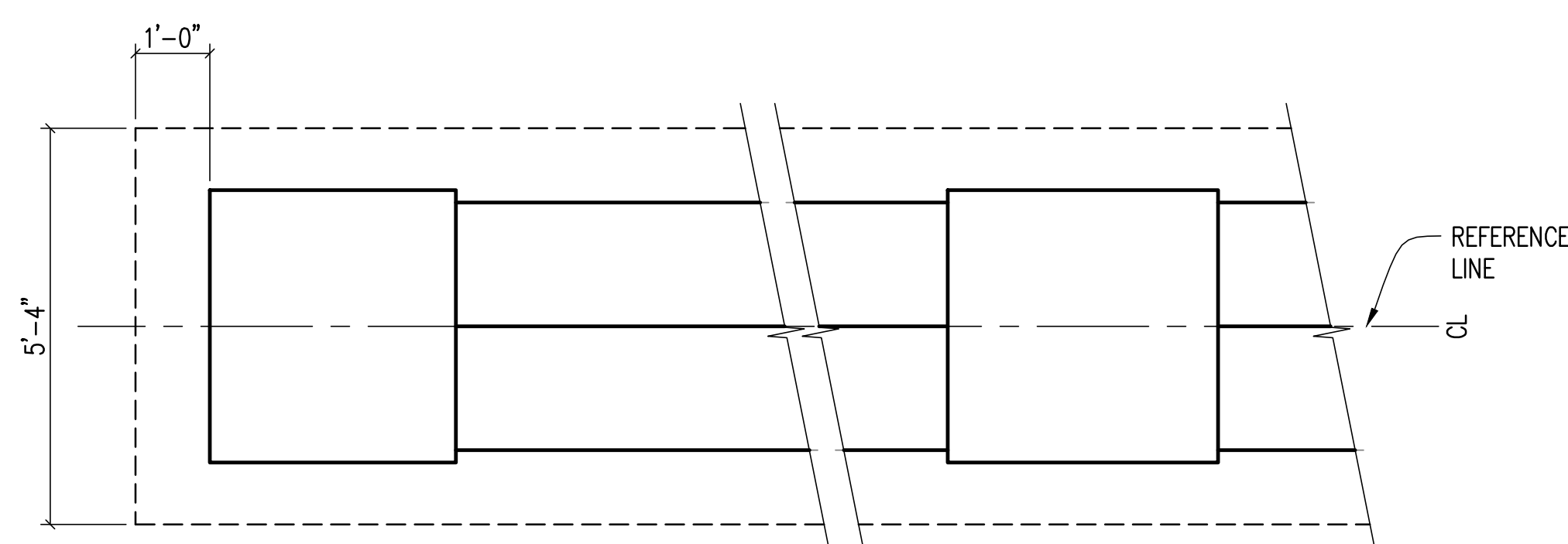
f'c= 4,000 psi  
fy =60,000 psi

Size	Ld	Ldt	Lb	Lbt	Ldh
#4	19	25	25	32	9
#5	24	31	31	40	12
#6	28 (43)	37 (55)	37 (55)	48 (72)	14
#7	42 (62)	54 (81)	54 (81)	70 (105)	17
#8	47 (71)	62 (92)	62 (92)	80 (120)	19
#9	54 (80)	70 (104)	70 (104)	90 (136)	21
#10	60 (90)	78 (117)	78 (117)	102 (153)	24
#11	67 (100)	87 (130)	87 (130)	113 (170)	27

- NOTES:
- USE THE LENGTHS IN THIS SCHEDULE, UNLESS NOTED OTHERWISE.
  - USE LENGTH IN ( ) WHEN BAR COVER IS db OR LESS OR BAR CLEAR SPACING IS 2db OR LESS.
  - A TOP BAR IS A HORIZONTAL BAR WITH MORE THAN 12" OF FRESH CONCRETE CAST BELOW IT.

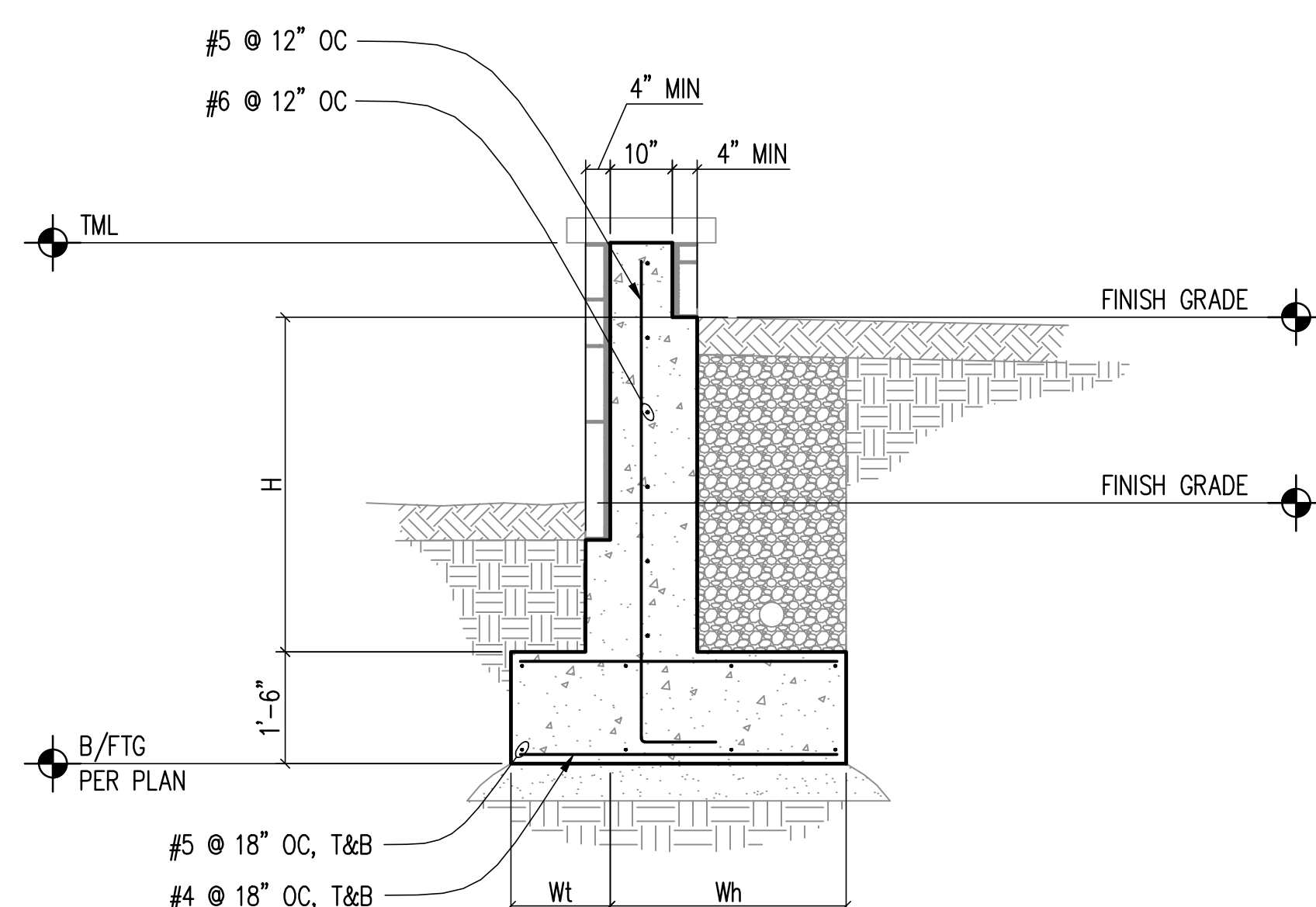
ABBREVIATIONS

- db = BAR DIAMETER  
Ld = TENSION DEVELOPMENT LENGTH  
Ldt = TENSION DEVELOPMENT LENGTH FOR A TOP BAR  
Lb = CLASS B LAP SPLICE LENGTH, 1.3 Ld  
Lbt = CLASS B LAP SPLICE LENGTH FOR A TOP BAR, 1.3 Ldt  
Ldh = TENSION DEVELOPMENT LENGTH FOR A STANDARD HOOK



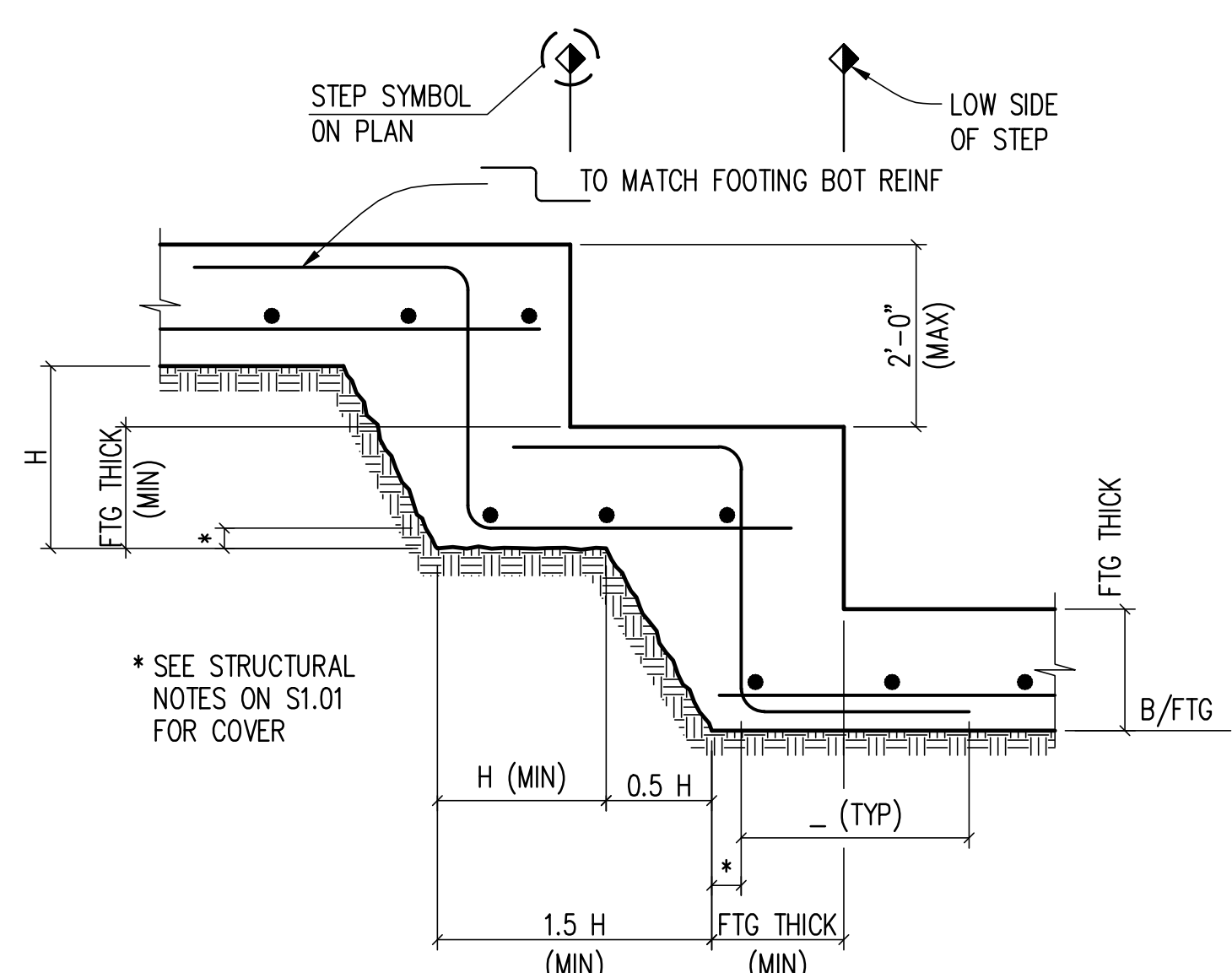
- NOTES:
- SEE SHEET L8.01 FOR ADDITIONAL DETAILS.
  - SEE SHEETS L5.07-L5.09, L6.08, L6.09 AND L7.08 FOR STEM WALL AND MASONRY LEDGE ELEVATIONS.

5 TYPICAL INTERIOR WALL FOOTING PLAN  
NO SCALE

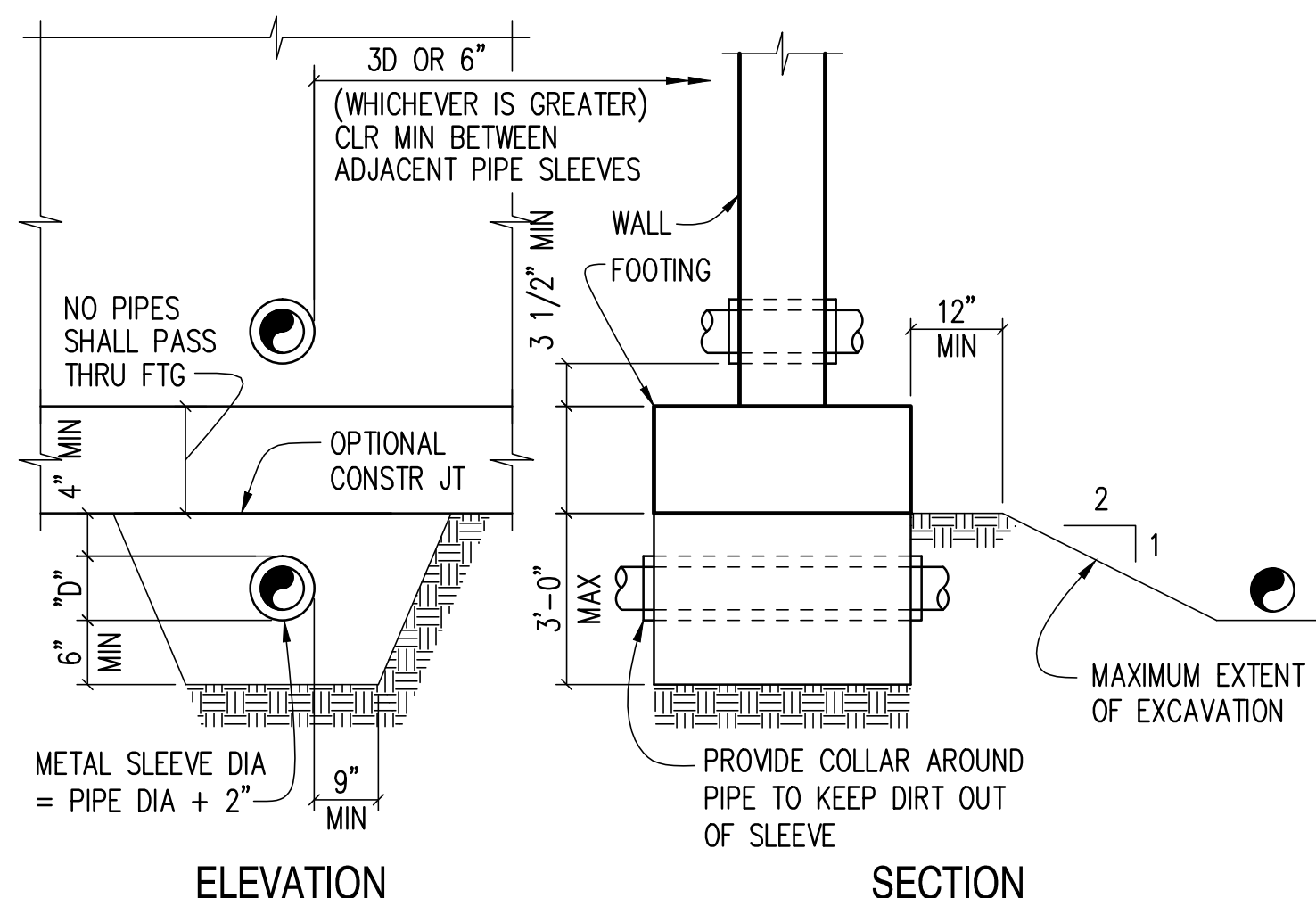


- NOTES:
- TOP OF MASONRY LEDGE (TML) AND FINISH GRADES PER COLUMBARIUM FOUNDATION AND GRADING PLANS.
  - BENCH DETAILS PER L5.14.

6 BENCH RETAINING WALL  
NO SCALE

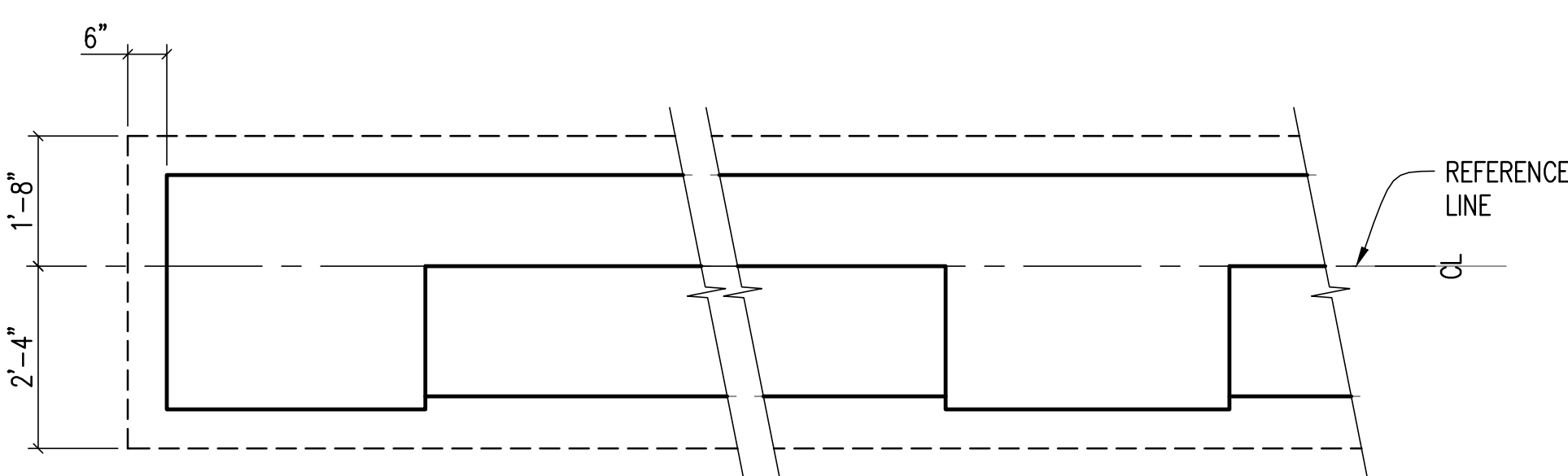


7 STEPPED FOOTING DETAIL  
NO SCALE



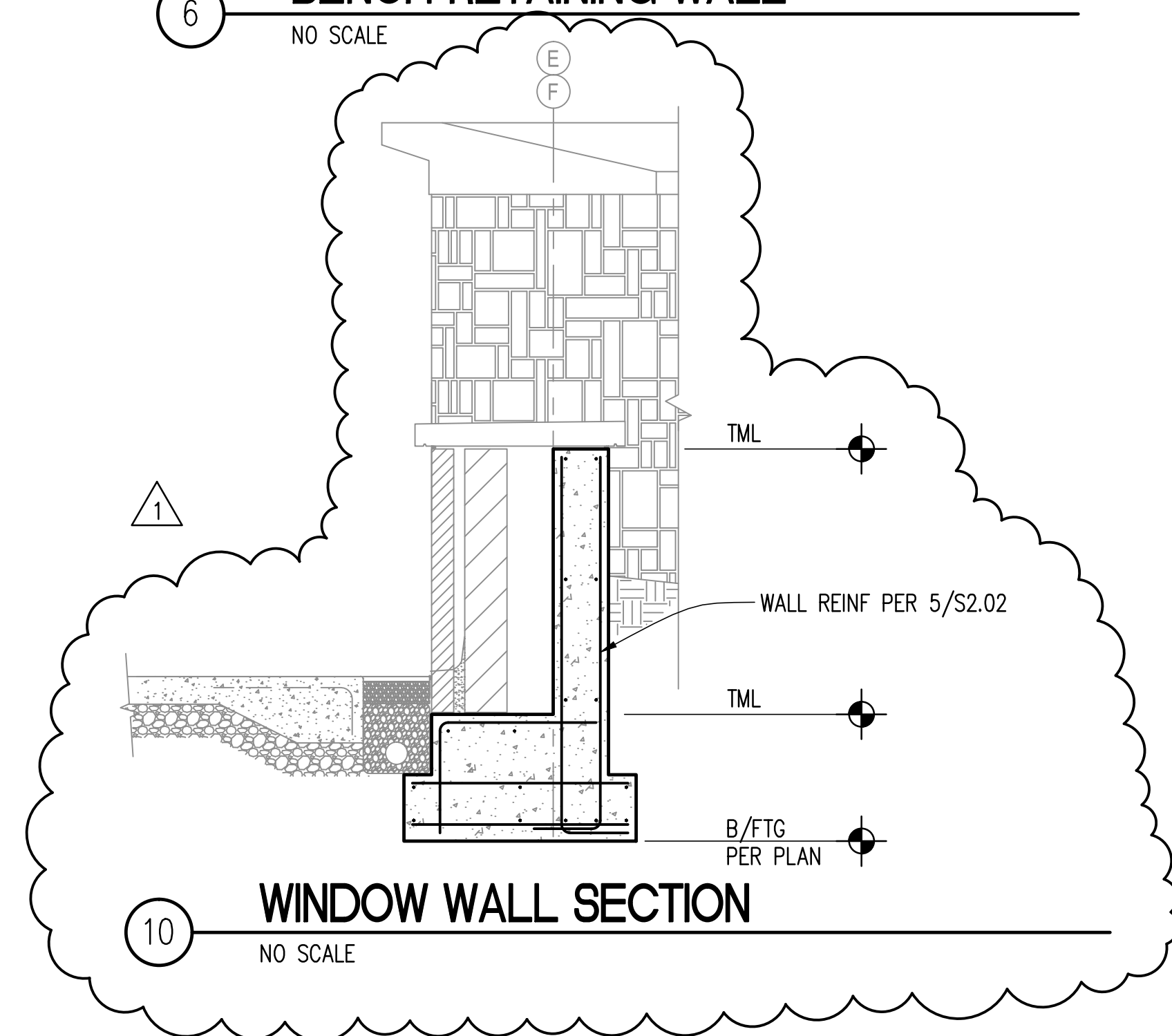
- NOTES:
- STEP FOOTING PER TYPICAL STEPPED FOOTING DETAIL AS REQUIRED TO SATISFY THESE CONDITIONS.
  - GENERAL CONTRACTOR TO COORDINATE EXACT DEPTH AND LOCATION OF PIPE.
  - "D" SHALL NOT EXCEED 8".

8 TYPICAL DETAIL OF PIPE AT FOOTINGS  
NO SCALE

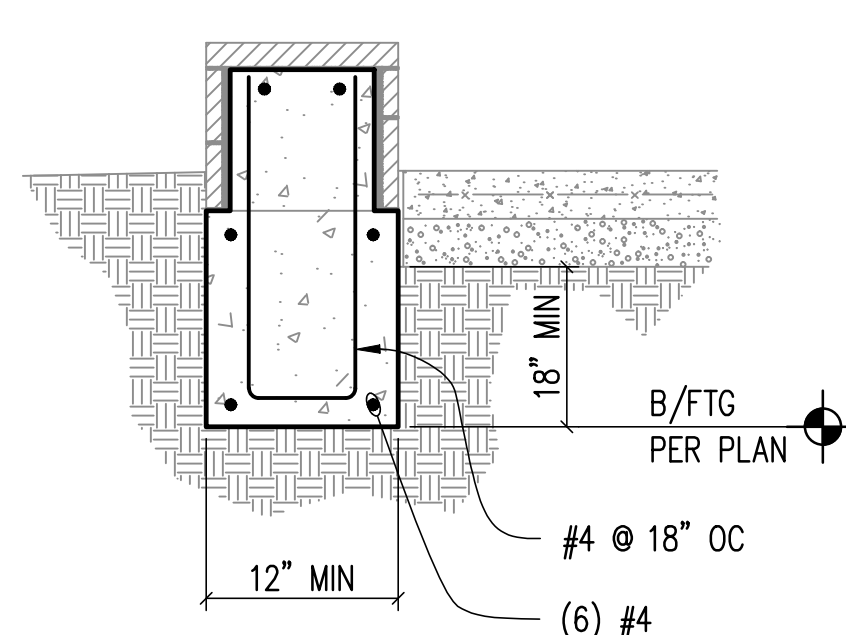


- NOTE:
- SEE SHEET L8.02 FOR ADDITIONAL DETAILS.
  - SEE SHEETS L5.07-L5.09, L6.08, L6.09 AND L7.08 FOR STEM WALL AND MASONRY LEDGE ELEVATIONS.
  - FOOTING WIDTHS FOR COLUMBARIUM IN RETAINING WALL SITUATIONS WILL VARY FROM THOSE SHOWN. SEE SHEET S2.02 FOR COLUMBARIUM RETAINING WALL SECTIONS.

9 TYPICAL EXTERIOR WALL FOOTING PLAN  
NO SCALE

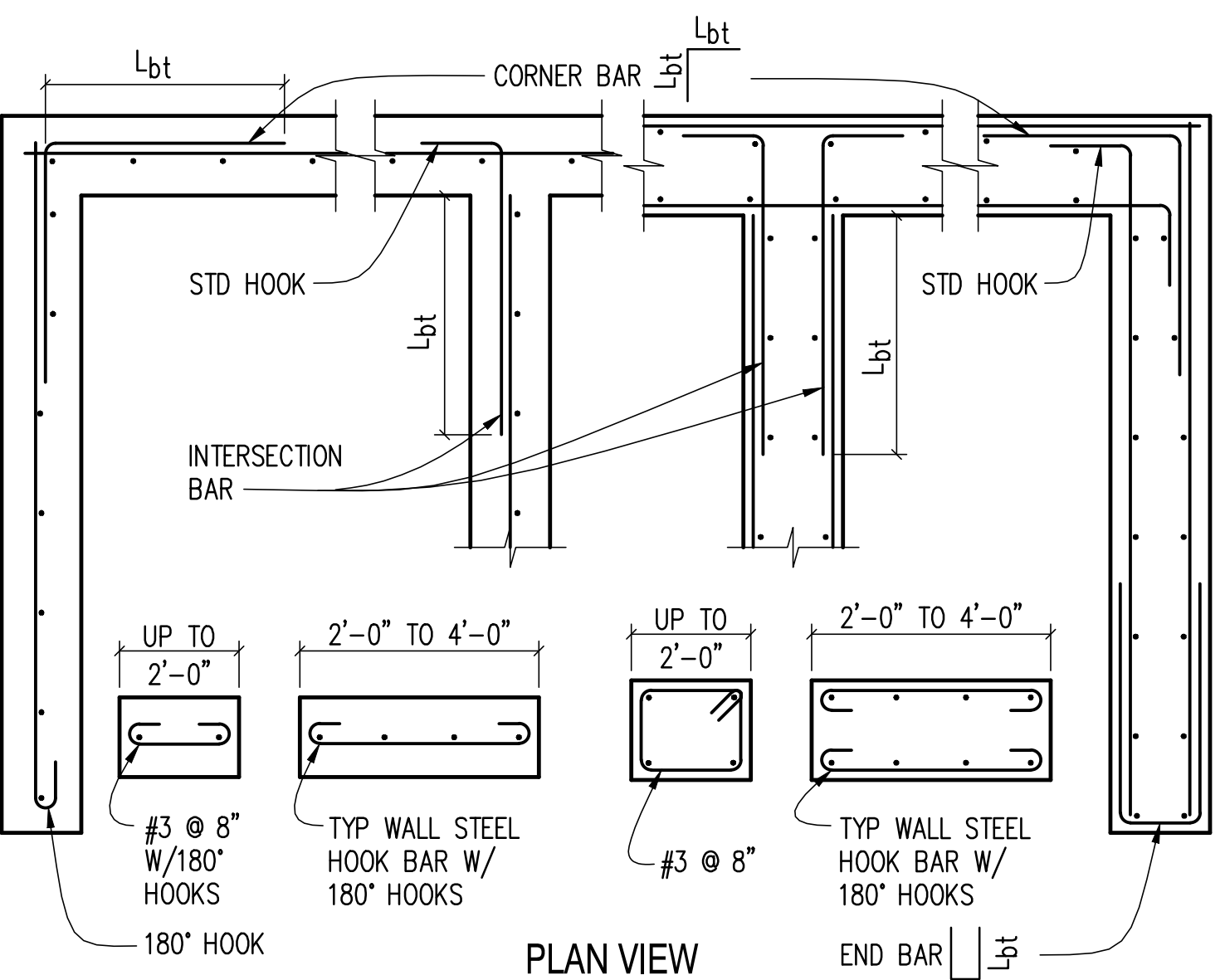


10 WINDOW WALL SECTION  
NO SCALE



- NOTES:
- SEE SHEETS L5.11 AND L6.13 FOR ADDITIONAL COLUMBARIUM BENCH/SEAT WALL DETAILS.
  - SEE SHEET L10.04 FOR ADDITIONAL MEMORIAL SEAT WALL DETAILS.
  - VENEER MAY WRAP AT BENCH END LOCATIONS. REVIEW AND COORDINATE ALL VENEER SHELVES WITH LANDSCAPE DRAWINGS.

11 BENCH/SEAT WALL TYPICAL DETAIL  
NO SCALE



12 TYPICAL CONCRETE WALL DETAILS  
NO SCALE

CONSULTANTS:

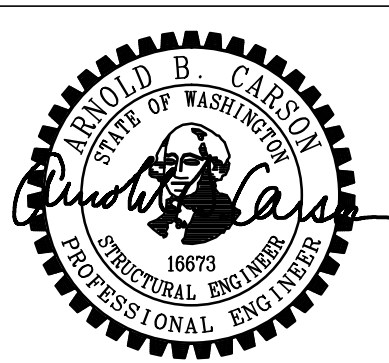
Anderson Engineering of Minnesota, LLC  
13605 54th AVENUE NORTH, SUITE 100, PLYMOUTH, MN 55441  
TEL (763) 412-4000 FAX (763) 412-4000  
WWW.AEM-1233.COM

Aqua Engineering, Inc.  
Innovative Water Solutions  
4803 Innovation Drive  
Fort Collins, Colorado 80525  
Phone (970) 228-5658  
FAX (970) 228-3855

JJR  
landscape architecture  
planning  
urban design  
civil engineering  
environmental science  
JJR, LLC  
110 MILLER AVENUE  
ANN ARBOR, MICHIGAN 48104  
734.662.4457 T 734.662.0779 F  
WWW.JJR-US.COM

RUSHING  
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BLACKBIRD

ALLEGIANCE  
AC GROUP, LLC



ARCHITECT/ENGINEERS:  
kpff Consulting Engineers  
1601 Fifth Avenue, Suite 1600  
Seattle, Washington 98101-3665  
(206) 622-5822 Fax (206) 622-8130

Drawing Title  
CONCRETE  
DETAILS

Approved Project Director

Project Title  
TAHOMA NATIONAL CEMETERY  
PHASE 2 GRAVESITE DEVELOPMENT  
8600 SE 240TH STREET, KENT WASHINGTON

Location  
KENT, WASHINGTON  
Date  
9-15-2011

Checked  
JCM

Drawn  
BLE

Project Number  
919PC2007  
Drawing  
Reference  
Number  
169

Drawing Number  
S2.01

Office of  
Construction  
and Facilities  
Management

