CONSTRUCT RUSTIC GROOVE AT APPROX. 2'-0" INTERVAL ON HORIZONTAL PLANE. STOP GROOVES AND CONNECT APPROX. 1'-0" FROM JOINTS OR END OF WALL. 

RUSTICATION AND CONTRACTION JOINTS

ANGLE BREAKS MAY BE SMOOTHLY ROUNDED. (COMBINE WITH ANGLE BREAK WHEN FEASIBLE.)

USE 1" HALF-ROUND REBETED X 1/2" OR SURE-APPROVED DEVICE SIDEWALK

ED JOINT APPROX. 40', SPACING (60' MAX), SEE DETAIL PLAN FOR ELEVATION AND "PROFILE OF TOP" OF WALL.

1 1/4" EXPANSION DOWEL

TYPICAL LONGITUDINAL SECTION OF RETAINING WALL

(TYPICAL LONGITUDINAL SECTION OF RETAINING WALL (CONTRACTION JOINTS REQUIRED AT 20'-0" SPACING.)

TYPE 'A' WALL

TYPE 'B' WALL

TOPSOIL
6:1 OR FLATTER SEE PLANS

"H"=5'-0" MAX

DRAINABLE BACKFILL
1 1/2 CLEAR
6" MIN

1 1/2 CLEAR
3/4" BEVEL

5'-0"

18"

6" MIN

1 1/2 CLEAR
3/4" BEVEL

6:1 OR FLATTER
SEE PLANS

1 1/2 CLEAR
6" MIN

6:1 OR FLATTER
SEE PLANS

3/4" BEVEL

1 1/2 CLEAR
6" MIN

24" MIN

5'-0"

6" MIN

TYPE 'A' WALL DETAILS

BACK OF WALL NOT TO BE FORMED

TYPE 'B' WALL DETAILS

BOTTOM AND SIDES OF FOOTING AND REAR LUG ARE NOT TO BE FORMED

FOR WALLS MORE THAN 3'-0" HIGH WEEP HOLES APPROXIMATELY 3" IN DIAMETER AT 8' INTERVALS ARE REQUIRED. (OR AS OTHERWISE INDICATED ON PROJECT PLANS.) WEEP HOLES ARE TO BE FORMED WITH AN APPROVED RUSTPROOF DEVICE BACKED WITH COPPER SCREENING OR GALVANIZED HARDWARE CLOTH. PVC TUBING MAY BE USED SUBJECT TO ENGINEERS APPROVAL.

1. TOP BAR 6" PARALLEL TO TOP OF WALL. LAP 6" MIN AS NECESSARY. TIE SECURELY.
2. FOR 20'-0" OF WALL.

REINFORCING SCHEDULE

<table>
<thead>
<tr>
<th>WALL TYPE</th>
<th>MARK</th>
<th>SIZE</th>
<th>LENGTH</th>
<th>SPACING</th>
<th>NO. REQ.</th>
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<tbody>
<tr>
<td>TYPE 'A'</td>
<td>A</td>
<td>#4</td>
<td>VARIABLE</td>
<td>12&quot; MIN, 15&quot; MAX</td>
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<tr>
<td></td>
<td>B</td>
<td>#4</td>
<td>VARIABLE</td>
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<td>17(2)</td>
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<tr>
<td></td>
<td>C</td>
<td>#4</td>
<td>VARIABLE</td>
<td>12&quot; MIN, 15&quot; MAX</td>
<td>VARIABLE</td>
</tr>
<tr>
<td>TYPE 'B'</td>
<td>D</td>
<td>#4</td>
<td>H + 18&quot;</td>
<td>14&quot;</td>
<td>17</td>
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<tr>
<td></td>
<td>E</td>
<td>#4</td>
<td>3'-10&quot;</td>
<td>14&quot;</td>
<td>17(2)</td>
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DESIGN QUANTITY TABLE

<table>
<thead>
<tr>
<th>WALL TYPE</th>
<th>TYPE 'A' WALL</th>
<th>TYPE 'B' WALL</th>
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</thead>
<tbody>
<tr>
<td>HEIGHT</td>
<td>1'-0&quot; 2'-0&quot; 3'-0&quot; 1'-0&quot; 2'-0&quot; 3'-0&quot; 4'-0&quot; 5'-0&quot;</td>
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<td>CONCRETE</td>
<td>2.407 2.777 3.148 3.518 3.888 4.259 4.629 5.000</td>
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FILE NO.: 2700-116
APPROVAL DATE: APRIL 2003
REVISION NO.: 
REVISION DATE: 

CEDAR RAPIDS METROPOLITAN AREA
STANDARD DETAILS FOR PUBLIC IMPROVEMENTS

COMBINED RETAINING WALL—SIDEWALK

NO. 2700-116