

SECTIONAL ELEVATION

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Revision Date:

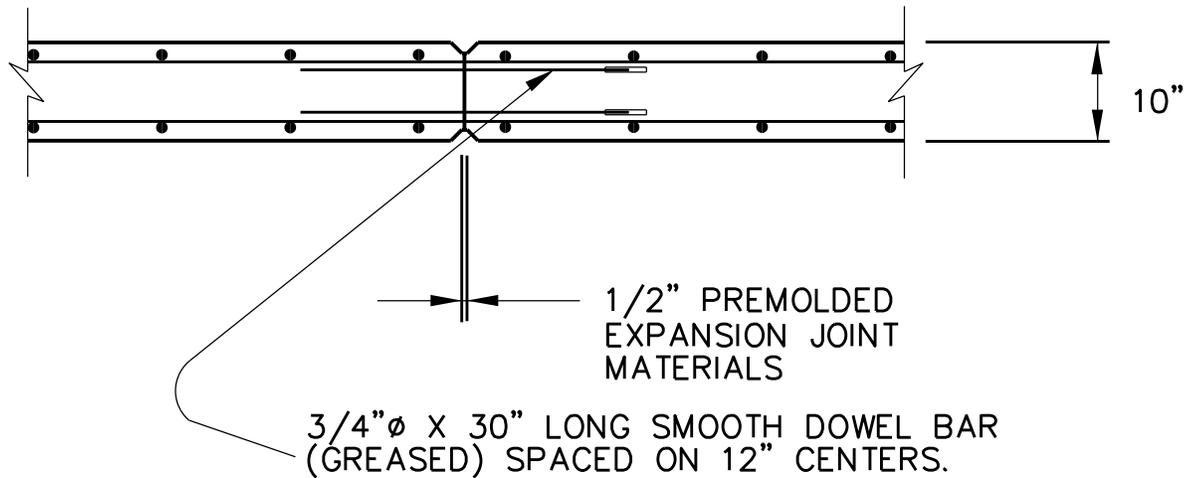
Scale : N/A	Date : 06/01/05
Design :	
Drawn : GAV	
Dwg. File : RET_002.DWG	
Project No. : STANDARD-DETAILS	

GARLAND
 ENGINEERING
STANDARD DETAILS

STANDARD RETAINING WALL DETAILS
TYPE 'A' RETAINING WALL

PAGE

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EXPANSION JOINT DETAILS

GENERAL NOTES:

1. ALL EXPOSED EDGES SHALL HAVE A 3/4 INCH CHAMFER.
2. ALL DISTANCES TO REINFORCING BARS REFER TO CLEAR CONCRETE COVER OF BAR UNLESS NOTED OTHERWISE.
3. MINIMUM BAR LAP IS TO BE FORTY (40) BAR DIAMETERS.
4. MINIMUM GRADE OF REINFORCING STEEL IS TO BE ASTM A615 GRADE 60.
5. CLASS "C" CONCRETE
6. MAXIMUM SPACING OF EXPANSION JOINTS SHALL BE 75'-0" CENTER TO CENTER.
7. MINIMUM SURFACE FINISH FOR ALL EXPOSED SURFACES WILL BE A RUBBED FINISH PRODUCED BY RUBBING WITH A CARBORUNDUM STONE.

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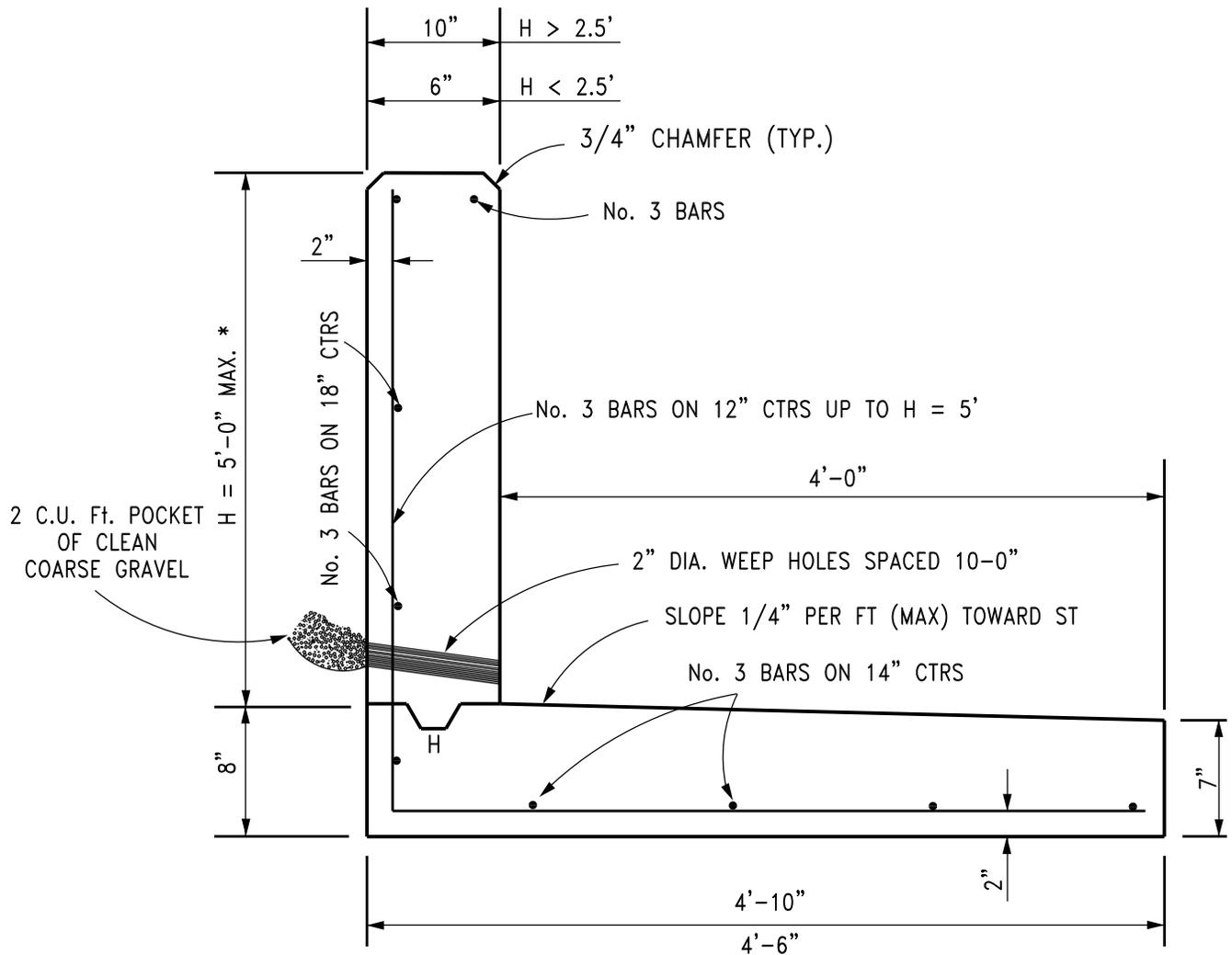

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STANDARD RETAINING WALL DETAILS
TYPE 'A' RETAINING WALL

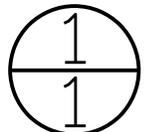
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GENERAL NOTES FOR RETAINING WALLS

1. CONCRETE FOR WALL TYPES A TO D INCLUSIVE SHALL BE CLASS "C".
2. BAR LAPS SHALL BE 30 DIAMETERS.
3. ALL EXPOSED SURFACES EXCEPT DRIVEWAYS AND WALKS SHALL RECEIVE A CARBORUNDUM FINISH.
4. DRIVEWAY AND WALK SHALL RECEIVE A BROOM FINISH.
5. EXPOSED EDGES AND CORNERS TO BE ROUNDED OR CHAMFERED AS INDICATED HEREIN.
6. WEEP HOLES SHALL BE FORMED BY 2" DIA. SCH 40 P.V.C.
- * HEIGHT 30" OR ABOVE REQUIRES PEDESTRIAN HANDRAIL SIMILAR TO TYPE A WALL DETAIL.



TYPE B RETAINING WALL
(COMBINED WITH SIDEWALK)



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STANDARD DETAILS

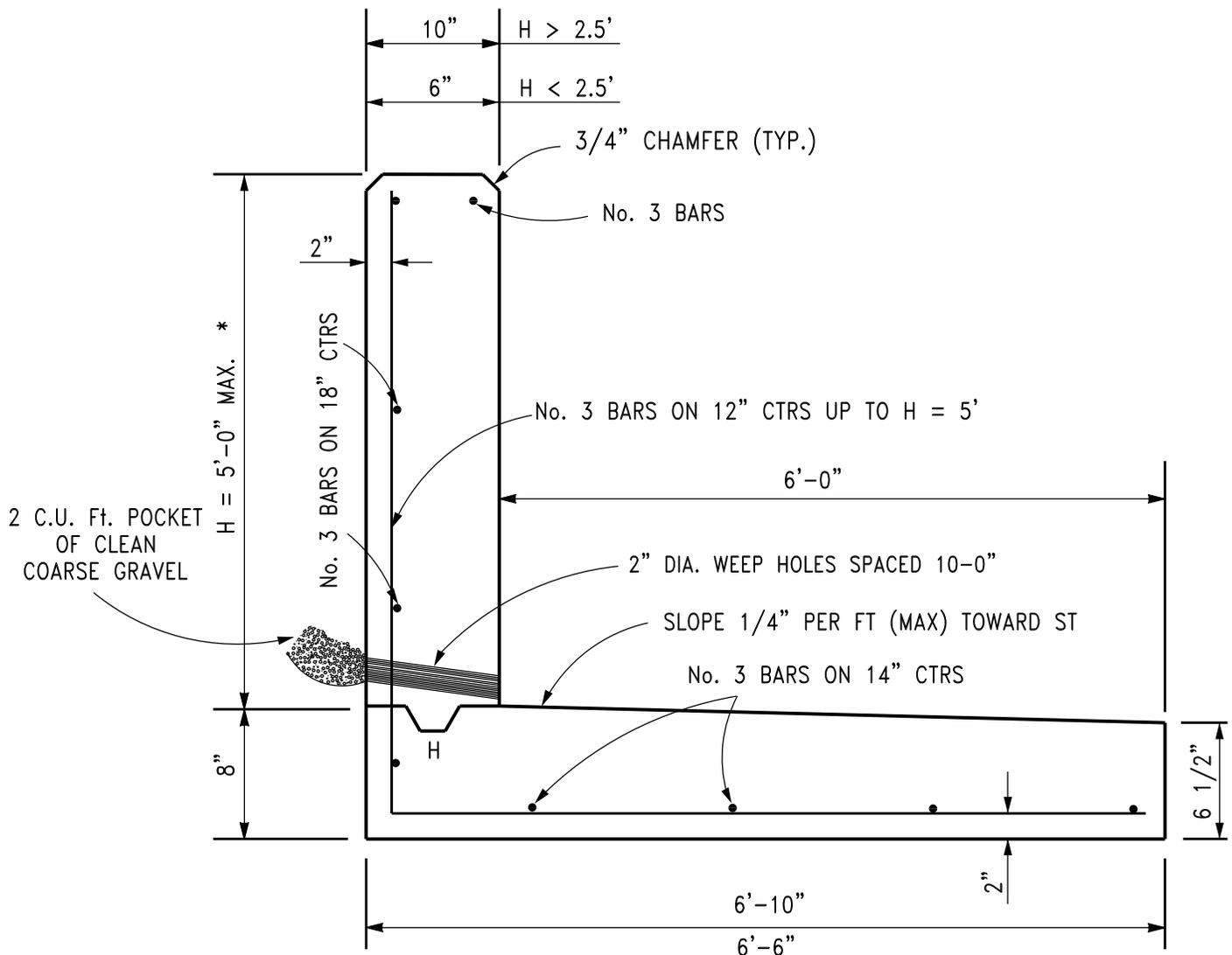
RETAINING WALL DETAILS
TYPE B

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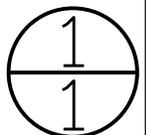
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GENERAL NOTES FOR RETAINING WALLS

1. CONCRETE FOR WALL TYPES A TO D INCLUSIVE SHALL BE CLASS "C".
2. BAR LAPS SHALL BE 30 DIAMETERS.
3. ALL EXPOSED SURFACES EXCEPT DRIVEWAYS AND WALKS SHALL RECEIVE A CARBORUNDUM FINISH.
4. DRIVEWAY AND WALK SHALL RECEIVE A BROOM FINISH.
5. EXPOSED EDGES AND CORNERS TO BE ROUNDED OR CHAMFERED AS INDICATED HEREIN.
6. WEEP HOLES SHALL BE FORMED BY 2" DIA. SCH 40 P.V.C.
- * HEIGHT 30" OR ABOVE REQUIRES PEDESTRIAN HANDRAIL, SEE TYPE A WALL DETAIL.



TYPE C RETAINING WALL
(COMBINED WITH SIDEWALK)

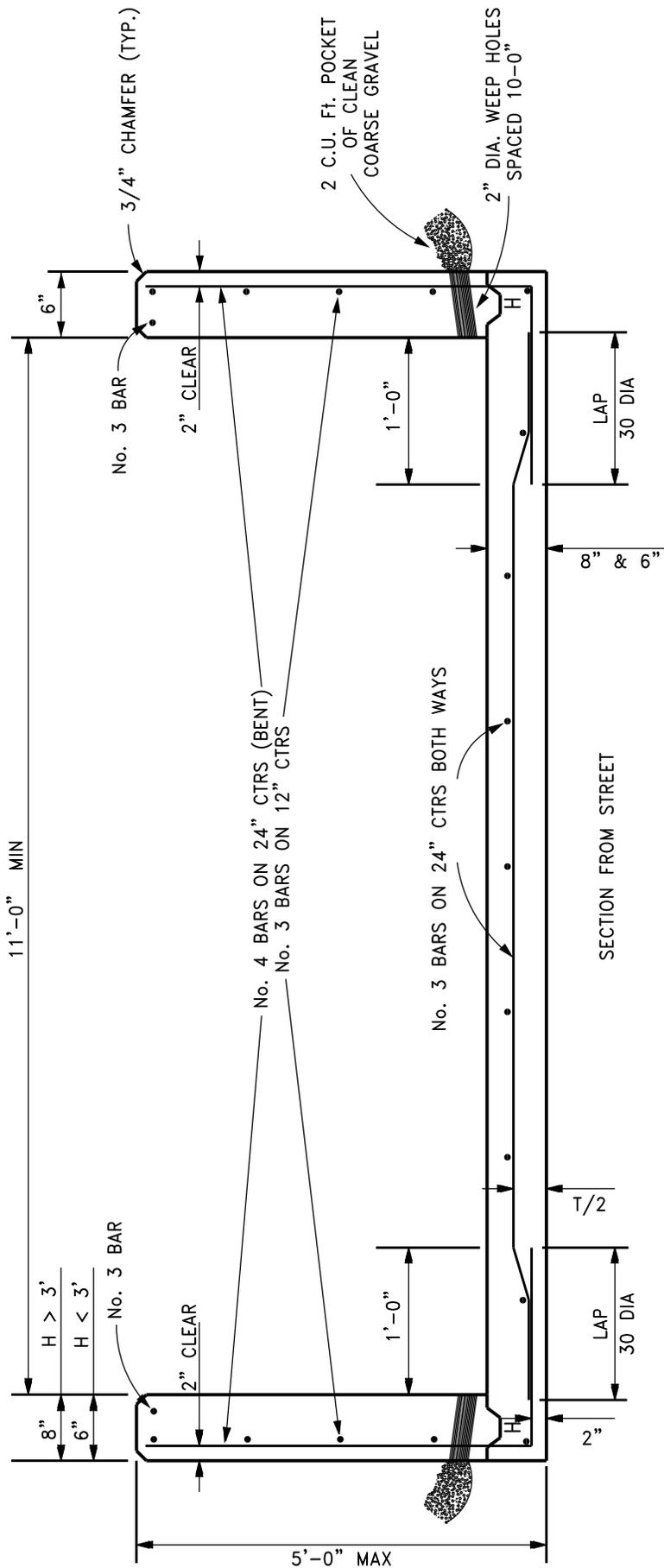


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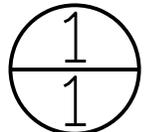


RETAINING WALL DETAILS
TYPE C



TYPE D RETAINING WALL

1. CONCRETE FOR TYPE D WALL SHALL BE OF THE STRENGTH SPECIFIED ON STREET PAVING PLANS FOR DRIVEWAYS BUT NOT LESS THAN CLASS "C".
2. BAR LAPS SHALL BE 30 DIAMETERS.
3. ALL EXPOSED SURFACES EXCEPT DRIVEWAYS AND WALKS SHALL RECEIVE A CARBORUNDUM FINISH.
4. EXPOSED EDGES AND CORNERS TO BE ROUNDED OR CHAMFERED AS INDICATED HEREIN.
5. WEEP HOLES SHALL BE FORMED BY 2" DIA. SCH. 40 P.V.C.



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RETAINING WALL DETAILS
TYPE D

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