CITY OF NEW HAVEN
DEPARTMENT OF ENGINEERING

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CITY ENGINEER

DRIVE: K:\ENGINEER\DWG
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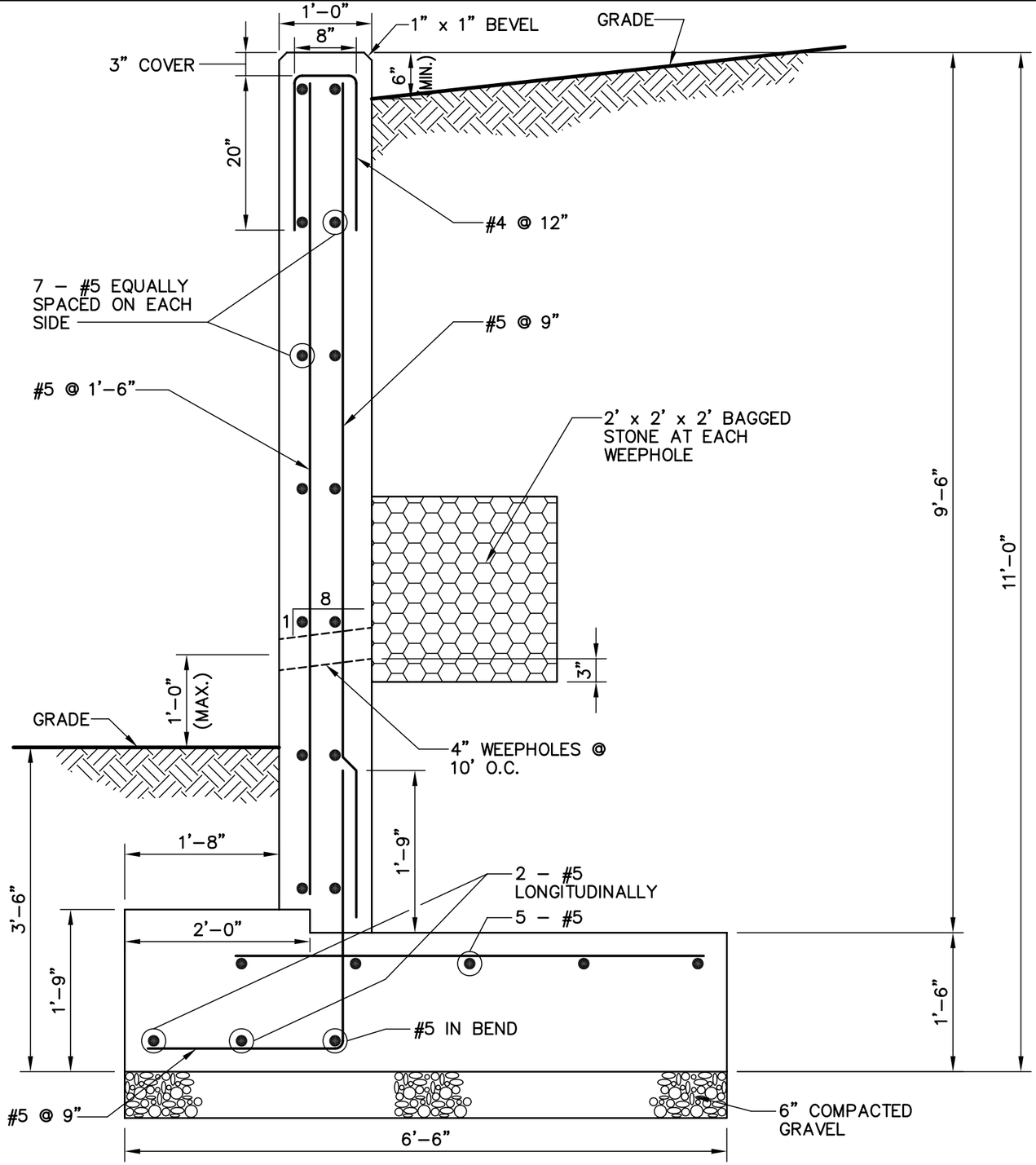


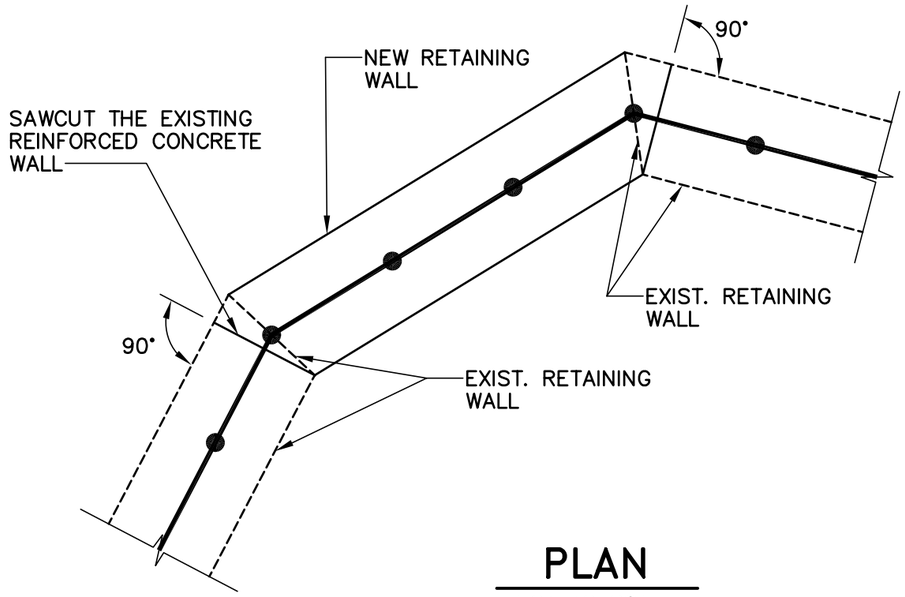
TYPICAL RETAINING WALL SECTION

SCALE: $\frac{3}{4}$"=1'-0"

NOTES:

1. BASED ON THE FIELD MEASUREMENT, THE APPROXIMATE LENGTH OF THE WALL IS 34'.
2. ALLOWABLE DESIGN STRESSES:

   CLASS "A" CONCRETE BASED ON f'c = 3000 psi.
   REINFORCEMENT: (ASTM A 615 GRADE 60) fs = 24000 psi
3. REINFORCEMENT COVER: ALL STEM REINFORCEMENT SHALL HAVE 2" COVER UNLESS OTHERWISE NOTED. ALL FOOTING REINFORCEMENT SHALL HAVE 3" COVER.
4. DOWEL NEW WALL TO EXISTING WALLS WITH #5 @ 1'-6" (L = 24" – 9" TO EXIST. WALLS) TO MATCH THE HORIZONTAL BAR IN THE NEW WALL.
5. AFTER EXCAVATION CONTRACTOR SHOULD NOTIFY THE ENGINEER FOR THE INSPECTION OF THE EXISTING SOIL.
6. ALL REINFORCEMENT IN THE STEM, INCLUDING THE FOOTING DOWELS, SHALL BE EPOXY COATED.
7. SOIL EVALUATION, HEIGHT AND OTHER FIELD CONDITIONS MAY MODIFY THIS DESIGN AS APPROVED BY THE CITY ENGINEER. ANY CHANGES REQUIRE A PROFESSIONALLY ENGINEERED DESIGN.



PLAN

NOT TO SCALE