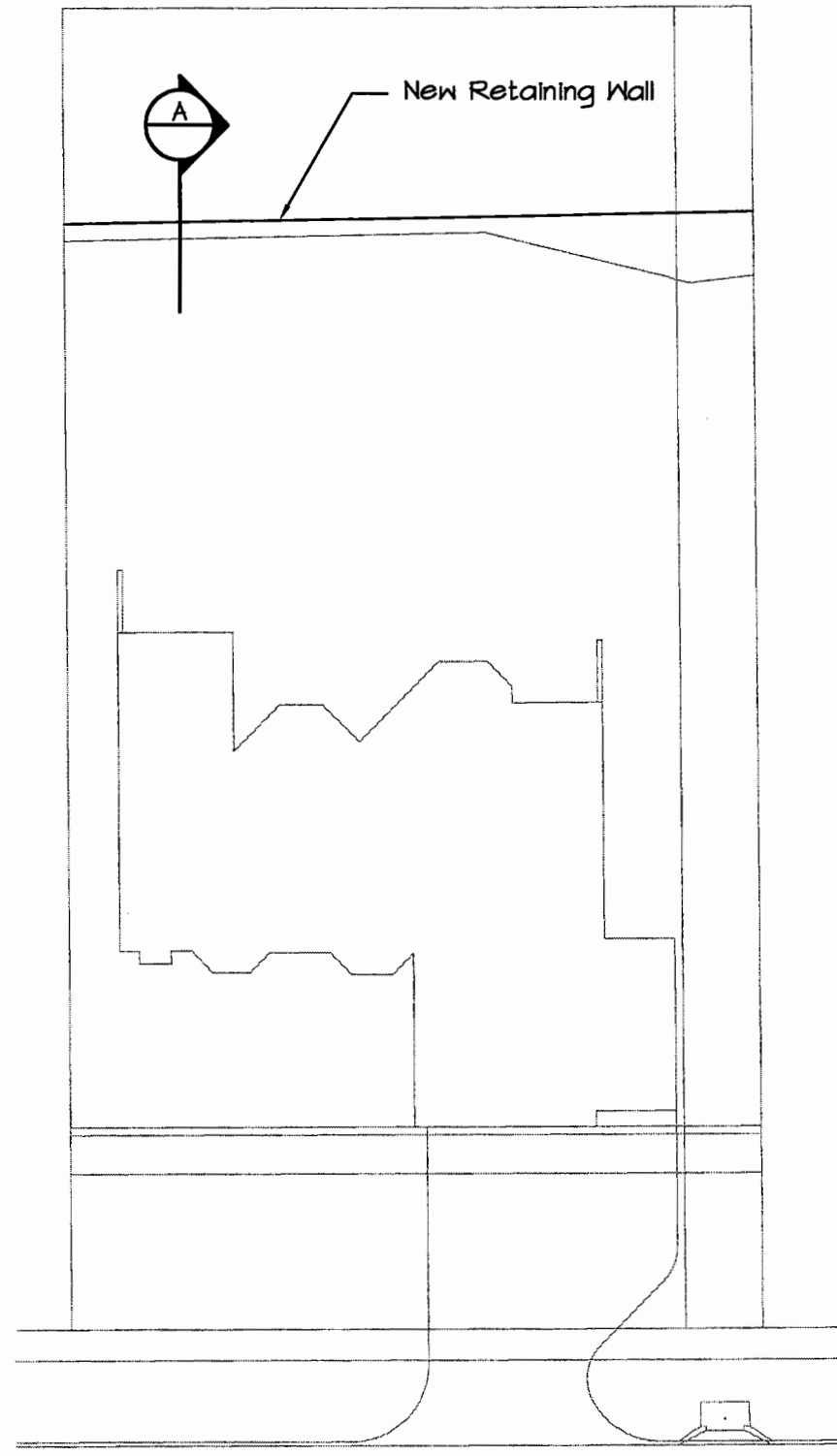




**DWA** Dudley Williams and Associates, P.A.  
 230 Laura • Suite 200 • Wichita, KS 67211-1514

CLIENT Ruggles & Bohm, P.A.  
 PROJECT 4113 Emerald Bay Drive  
 LOCATION Wichita, KS NO 08159  
 SUBJECT Retaining Wall BY JL CK JL  
 DATE 7/30/08 PG. 1 OF 1

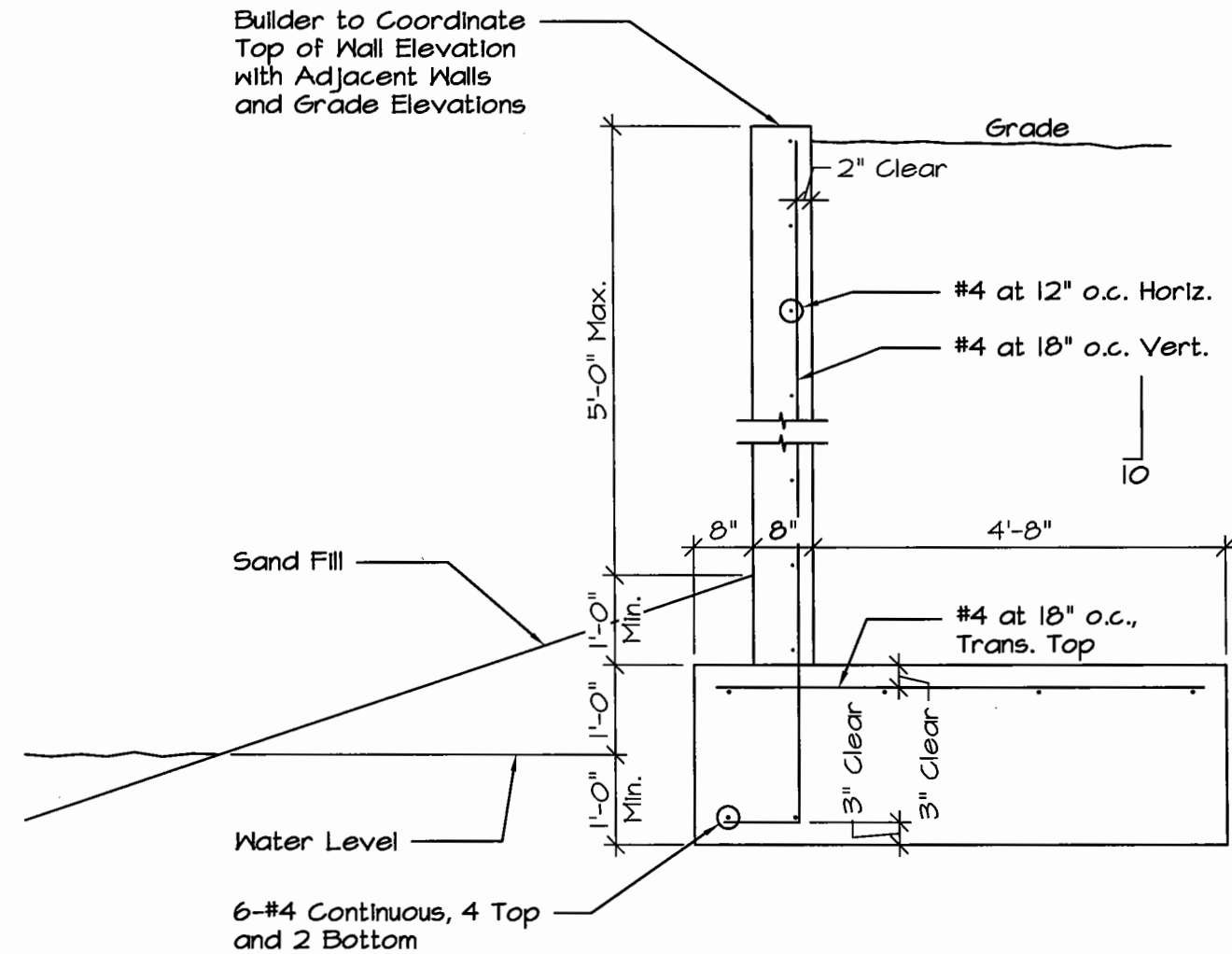


4113 West Emerald Bay Drive  
 Lot 25, Block I  
 Emerald Bay Addition  
 Wichita, Kansas

Notes:

1. Provide the standard Ruggles and Bohm, P.A. Emerald Bay retaining wall drainage system behind the new concrete retaining wall. Provide clean draining granular backfill material behind the new concrete retaining wall.
2. The bottom of the retaining wall footing shall bear on soils capable of providing an allowable bearing pressure of 1500 psf.
3. All concrete shall attain a minimum 28 day compressive strength of 4000 psi and have 4-7% air content.
4. All reinforcing bars shall meet ASTM A615-60,000. Lap splice all bars a minimum of 2'-0".

Builder to Coordinate  
 Top of Wall Elevation  
 with Adjacent Walls  
 and Grade Elevations

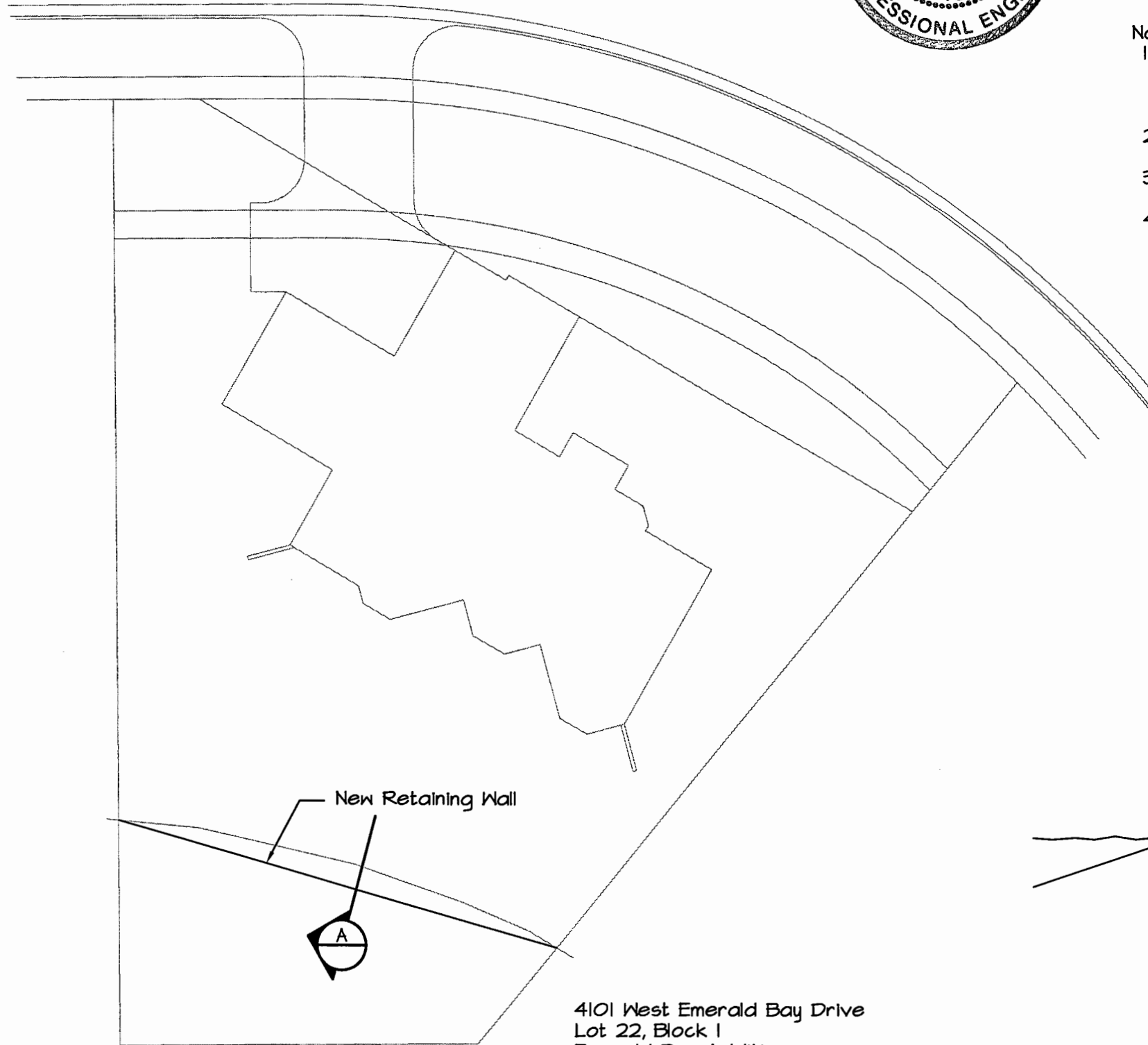


**A** RETAINING WALL SECTION  
 $\frac{1}{2}" = 1'-0"$



**DWA** Dudley Williams and Associates, P.A.  
 230 Laura • Suite 200 • Wichita, KS 67211-1514

CLIENT Ruggles & Bohm, P.A.  
 PROJECT 4101 Emerald Bay Drive  
 LOCATION Wichita, KS NO. 08159  
 SUBJECT Retaining Wall BY JL CK JL  
 DATE 7/30/08 PG. 1 OF 1

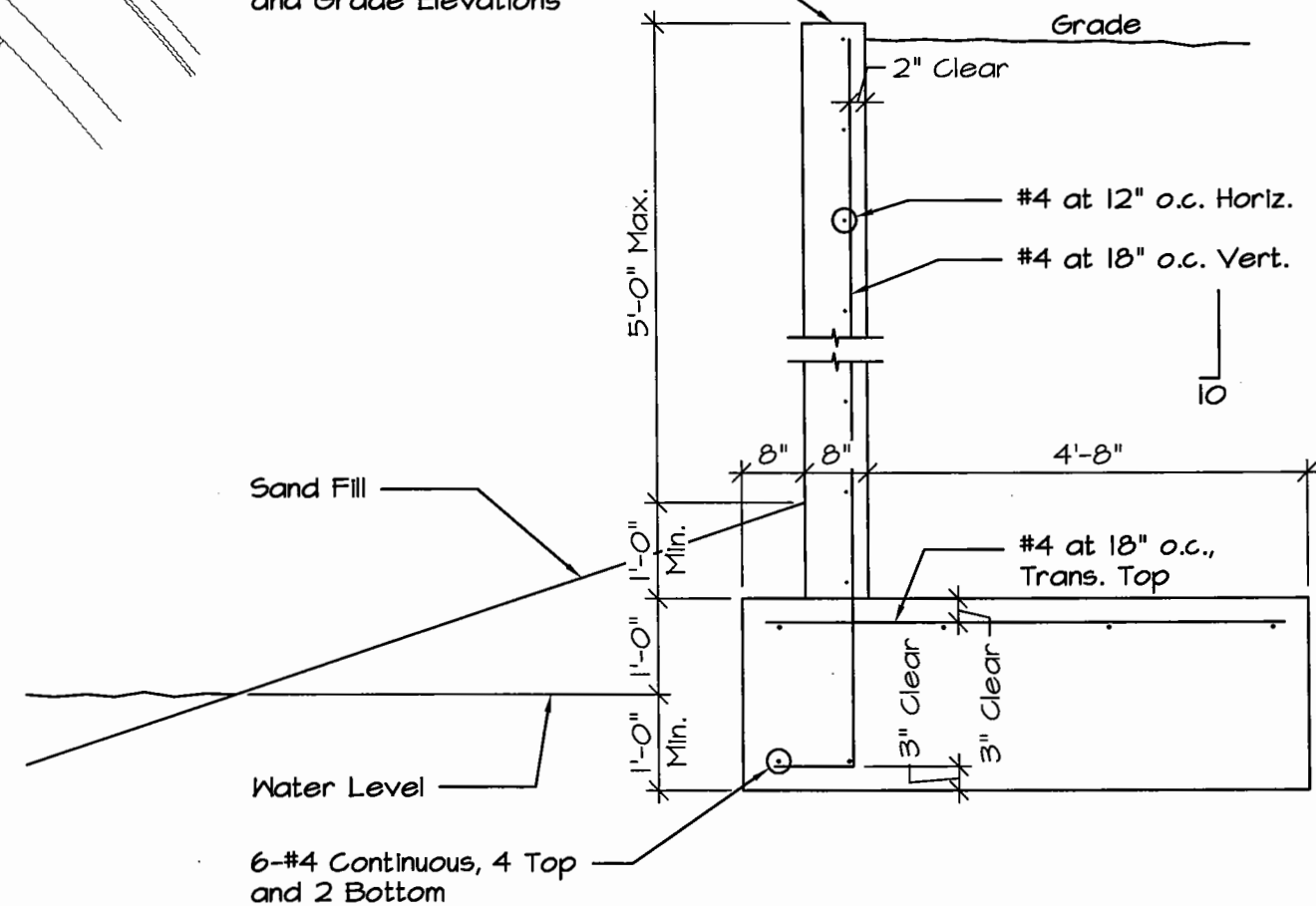


4101 West Emerald Bay Drive  
 Lot 22, Block I  
 Emerald Bay Addition  
 Wichita, Kansas

**Notes:**

1. Provide the standard Ruggles and Bohm, P.A. Emerald Bay retaining wall drainage system behind the new concrete retaining wall. Provide clean draining granular backfill material behind the new concrete retaining wall.
2. The bottom of the retaining wall footing shall bear on soils capable of providing an allowable bearing pressure of 1500 psf.
3. All concrete shall attain a minimum 28 day compressive strength of 4000 psi and have 4-7% air content.
4. All reinforcing bars shall meet ASTM A615-60,000. Lap splice all bars a minimum of 2'-0".

Builder to Coordinate  
 Top of Wall Elevation  
 with Adjacent Walls  
 and Grade Elevations



**A** RETAINING WALL SECTION  
 $\frac{1}{2}'' = 1'-0''$