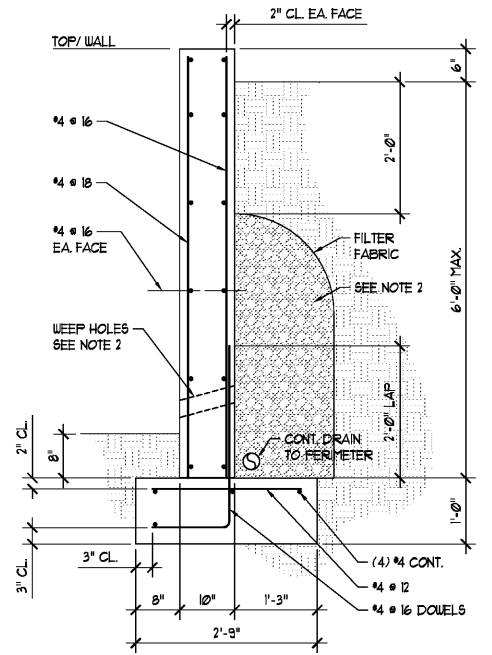


Order Plans

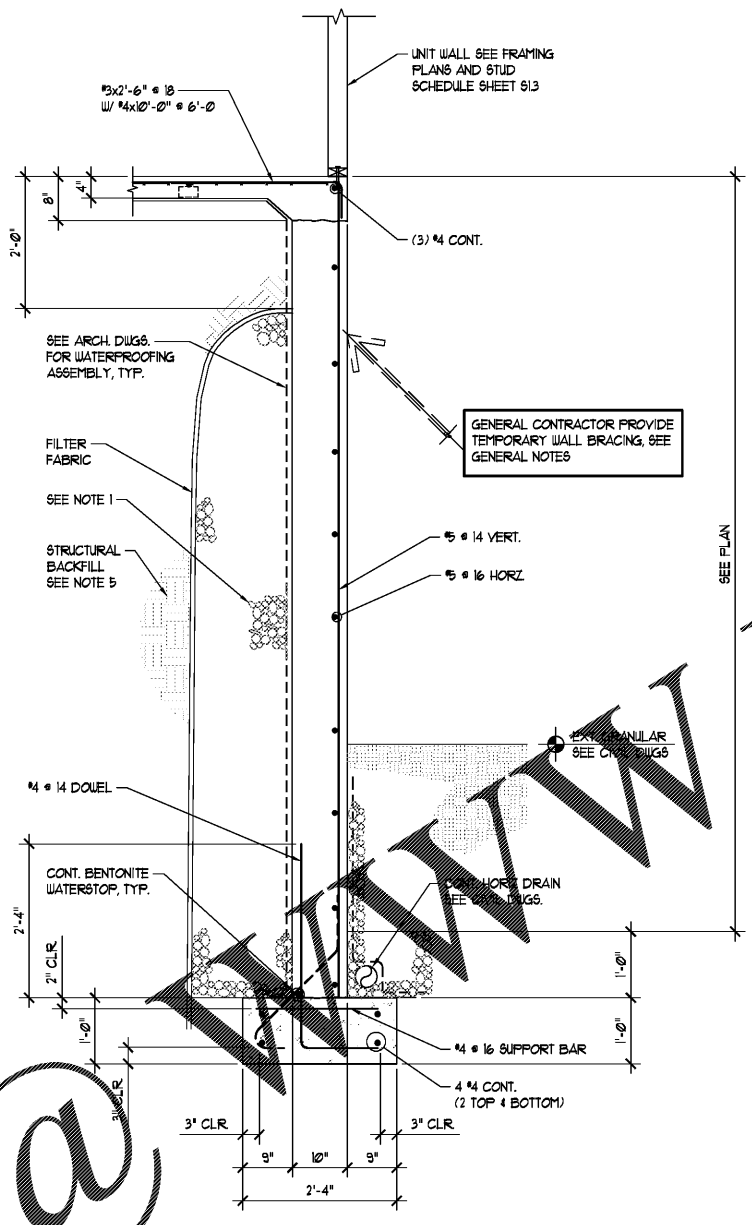
**1 SECTION**  
S1.6 SCALE: 3/4" = 1'-0"  
BUILDING RETAINING WALL



**RETAINING WALL NOTES: 1/S1.6**

- WALLS HAVE BEEN DESIGNED FOR A 40 PSF EQUIVALENT FLUID PRESSURE WITH LEVEL BACKFILL, SLIDING COEFFICIENT OF FRICTION OF 0.40 AND AN ALLOWABLE SOIL BEARING PRESSURE OF 3000 PSF. THESE SOIL PARAMETERS SHALL BE CONFIRMED BY OWNER'S GEOTECHNICAL ENGINEER PRIOR TO PLACEMENT OF STEEL REINFORCING.
- PROVIDE 4" DIA. WEEP HOLES AT 8'-0" CENTERS HORIZONTALLY, 5'-0" CENTERS VERTICALLY. PROVIDE 1'-6" WIDE GRANULAR FILL BLANKET, PROVIDE FILTER FABRIC BETWEEN GRAVEL AND WALL. AT EACH WEEP HOLE PLACE GRANULAR FILL BLANKET AND FILTER FABRIC 10'-0" INSIDE FOOTPRINT OF BUILDING.
- ALL EXCAVATIONS FOR FOOTINGS SHALL BE COMPACTED TO 95% DENSITY. PLACEMENT OF ALL FILL SHALL BE MONITORED AND APPROVED BY OWNER'S GEOTECHNICAL ENGINEER. PLACE STRUCTURAL FILL IN LAYERS NOT TO EXCEED 8" IN DEPTH.
- CONTRACTOR/OWNER SHALL VERIFY CONSTRUCTION IN THE FIELD. INSPECTION SHALL BE PERFORMED BY A STRUCTURAL ENGINEER REGISTERED IN THE STATE OF ALABAMA. VERIFICATION OF AS-BUILT CONSTRUCTION WILL BE REQUIRED BY JURISDICTION PRIOR TO CERTIFICATE OF OCCUPANCY.
- THE ON-SITE MATERIALS MAY BE USED FOR THE STRUCTURAL BACK FILL IF APPROVED BY THE GEOTECHNICAL ENGINEER. PLACE ALL APPROVED BACKFILL MATERIALS PER GENERAL NOTE 2.02.
- SLAB ON GRADE. SEE 1/S1.1 FOR SLAB ON GRADE INFORMATION. SLAB SHALL BE CAST PRIOR TO BACKFILLING WALL.

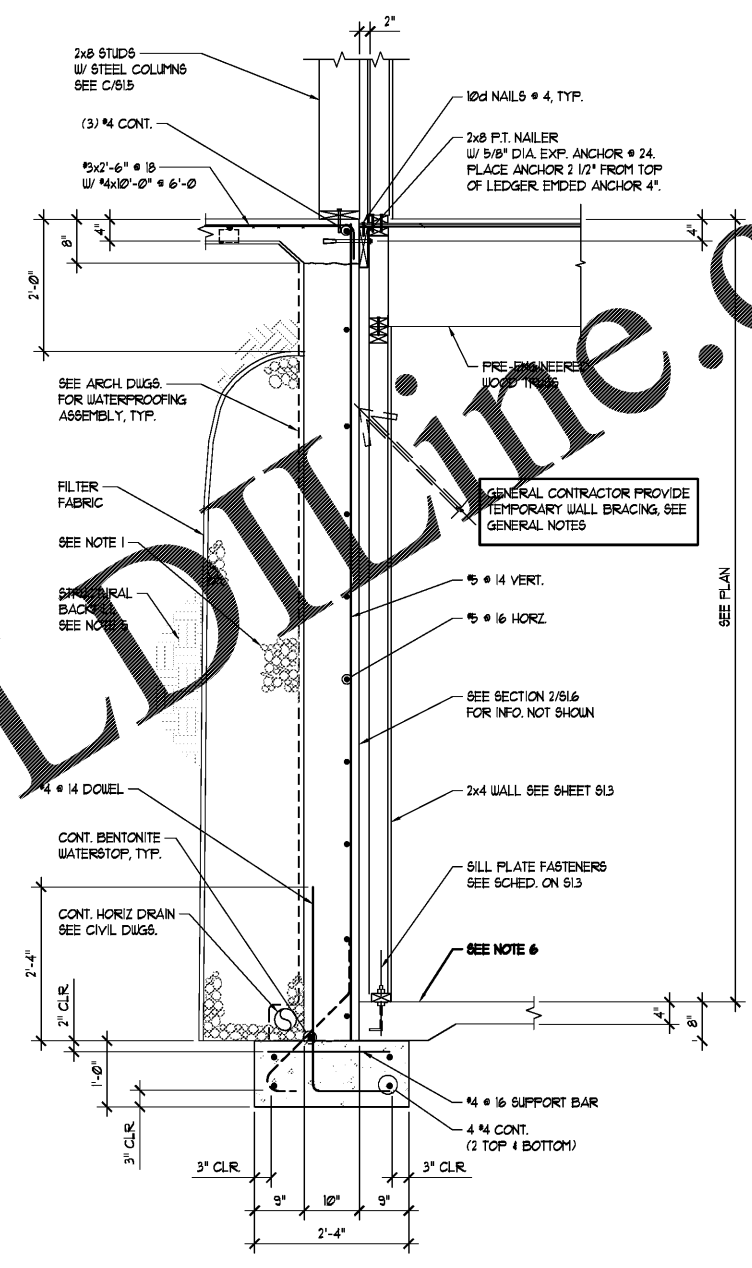
**2 SECTION**  
S1.6 SCALE: 3/4" = 1'-0"  
TYPICAL EXTERIOR FOUNDATION WALL



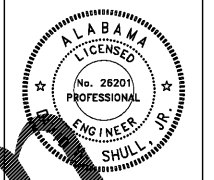
**TYPICAL FOUNDATION WALL NOTES**

- WALLS HAVE BEEN DESIGNED FOR A 40 PSF EQUIVALENT FLUID PRESSURE WITH LEVEL BACKFILL, SLIDING COEFFICIENT OF FRICTION OF 0.40 AND AN ALLOWABLE SOIL BEARING PRESSURE OF 3000 PSF. THESE SOIL PARAMETERS SHALL BE CONFIRMED BY OWNER'S GEOTECHNICAL ENGINEER PRIOR TO PLACEMENT OF STEEL REINFORCING.
- PROVIDE 1'-6" WIDE GRANULAR FILL BLANKET, PROVIDE FILTER FABRIC BETWEEN GRAVEL AND WALL. AT EACH WEEP HOLE, PLACE GRANULAR FILL BLANKET AND FILTER FABRIC TO A POINT 10'-0" INSIDE FOOTPRINT OF BUILDING.
- ALL EXCAVATIONS FOR FOOTINGS SHALL BE COMPACTED TO 95% DENSITY. PLACEMENT OF ALL FILL SHALL BE MONITORED AND APPROVED BY OWNER'S GEOTECHNICAL ENGINEER. PLACE STRUCTURAL FILL IN LAYERS NOT TO EXCEED 8" IN DEPTH.
- CONTRACTOR/OWNER SHALL VERIFY CONSTRUCTION IN THE FIELD. INSPECTION SHALL BE PERFORMED BY A STRUCTURAL ENGINEER REGISTERED IN THE STATE OF ALABAMA. VERIFICATION OF AS-BUILT CONSTRUCTION WILL BE REQUIRED BY JURISDICTION PRIOR TO CERTIFICATE OF OCCUPANCY.
- THE ON-SITE MATERIALS MAY BE USED FOR THE STRUCTURAL BACK FILL IF APPROVED BY THE GEOTECHNICAL ENGINEER. PLACE ALL APPROVED BACKFILL MATERIALS PER GENERAL NOTE 2.02.
- SLAB ON GRADE. SEE 1/S1.1 FOR SLAB ON GRADE INFORMATION. SLAB SHALL BE CAST PRIOR TO BACKFILLING WALL.

**3 SECTION**  
S1.6 SCALE: 3/4" = 1'-0"  
LEASING/ MAINTENANCE FOUNDATION WALL



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JOB No: 1701  
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ITEM DATE  
PRICING SET 07-14-2017  
PERMIT SET 02-26-2016

REVISIONS:  
DATE NO:

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**Legacy at Jones Farm Phase 2**  
HUNTSVILLE, ALABAMA  
AN APARTMENT COMMUNITY FOR  
**RBJ BAILEY, LLC**

RETAINING WALL  
SECTIONS & DETAILS  
SHEET NO.

**S1.6**