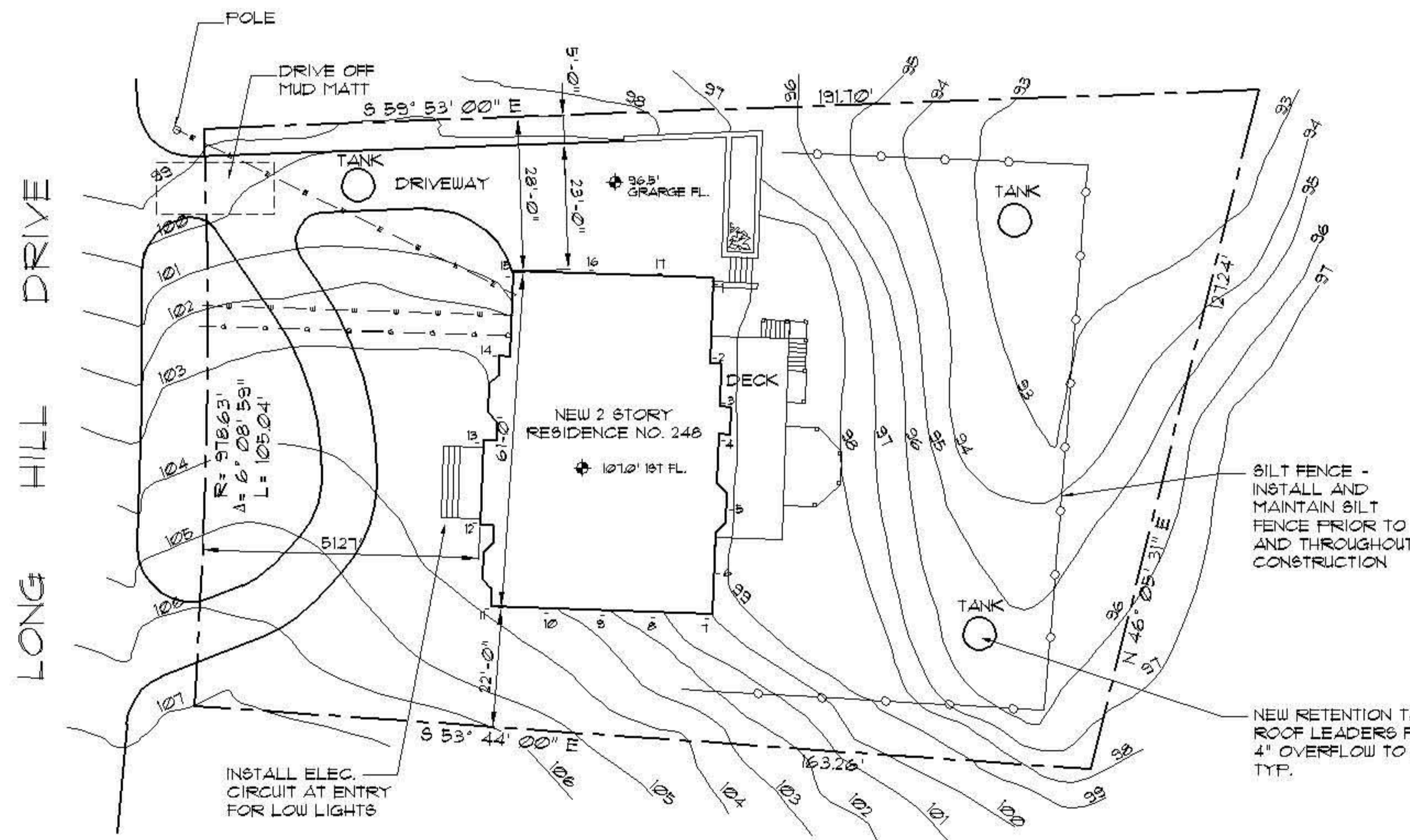


**SITE PLAN DEMOLITION**

SCALE: 1" = 20'-0"



**SITE PLAN**

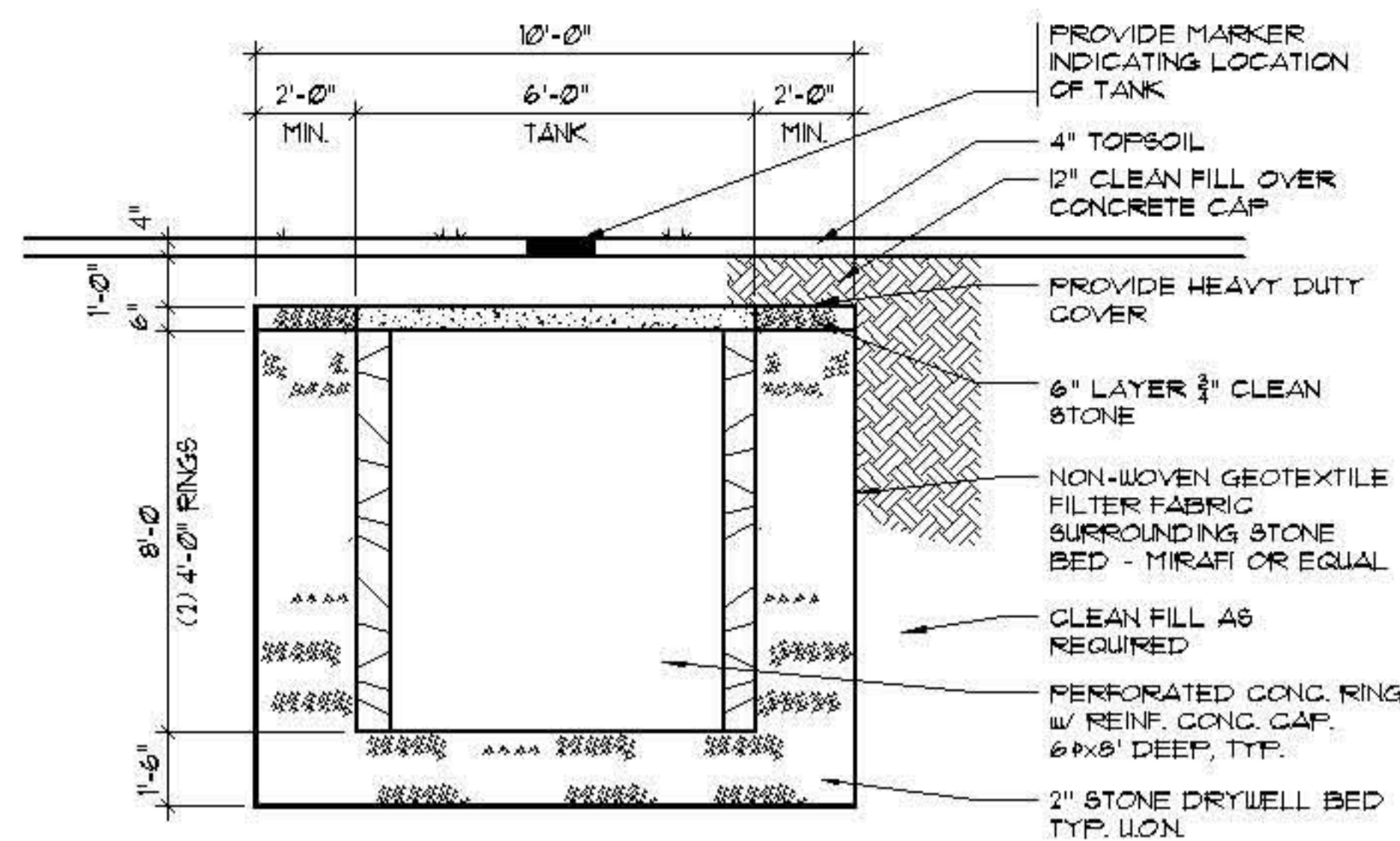
SCALE: 1" = 20'-0"

**AVERAGE ELEVATION**

1	102
2	103
3	103.5
4	104
5	104.5
6	104
7	103
8	102
9	101
10	101
11	101
12	101
13	101
14	101
15	101
16	99.5
17	99.5

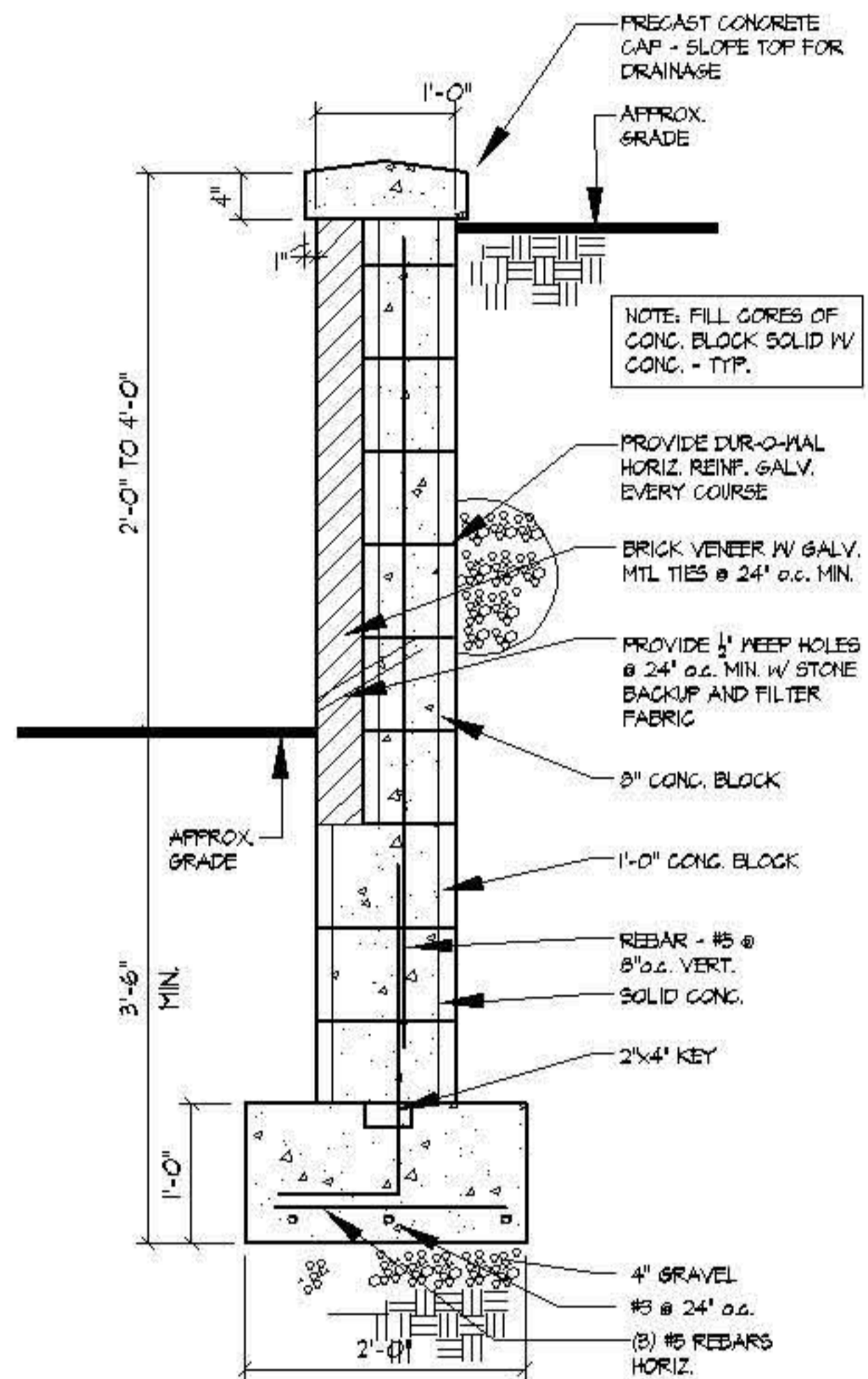
TOTAL 1735

AVERAGE ELEVATION = 1735/17 = 102



**1 DETAIL STORM RETENTION SYSTEM**

A-0.1 SCALE: 1/4" = 1'-0"

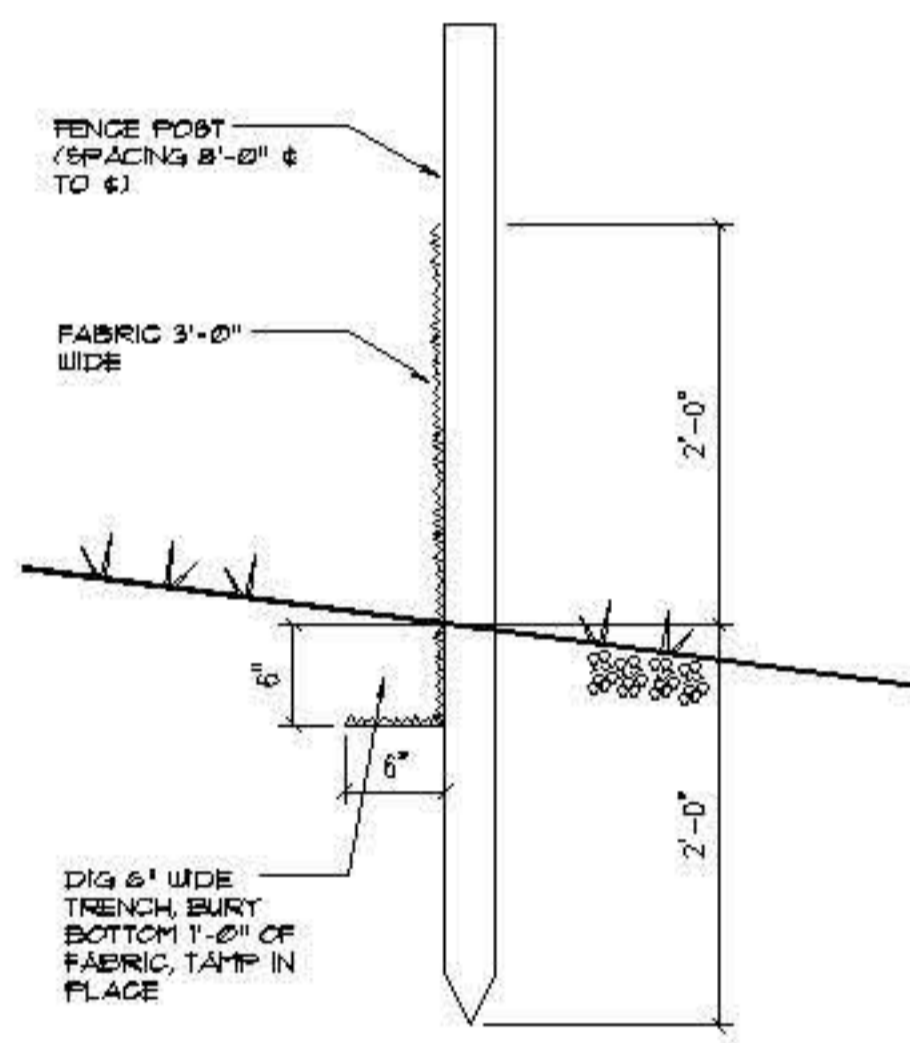


**2 DETAIL RETAINING WALL**

A-0.1 SCALE: 3/4" = 1'-0"

**STORM RETENTION CALCS.**

AREA OF COVERAGE	6000 SF
REQUIRED RETENTION	6000 / 1000 X 250 = 1500 CF
RETENTION PROVIDED:	6x4 TANK x 4' DEEP = 113 CF
	STONE BED = 12x12x4.5" = 684 CF
	LESS TANK AREA = 113 CF
	STONE STOR. CONVERSION x 33 = 871 CF
	188 CF
RETENTION PER TANK	113 CF
	5 TANKS NEEDED = 5 x 301 = 1505 CF
(NOTE: TANKS CAN BE STACKED)	



**3 DETAIL SILT FENCE**

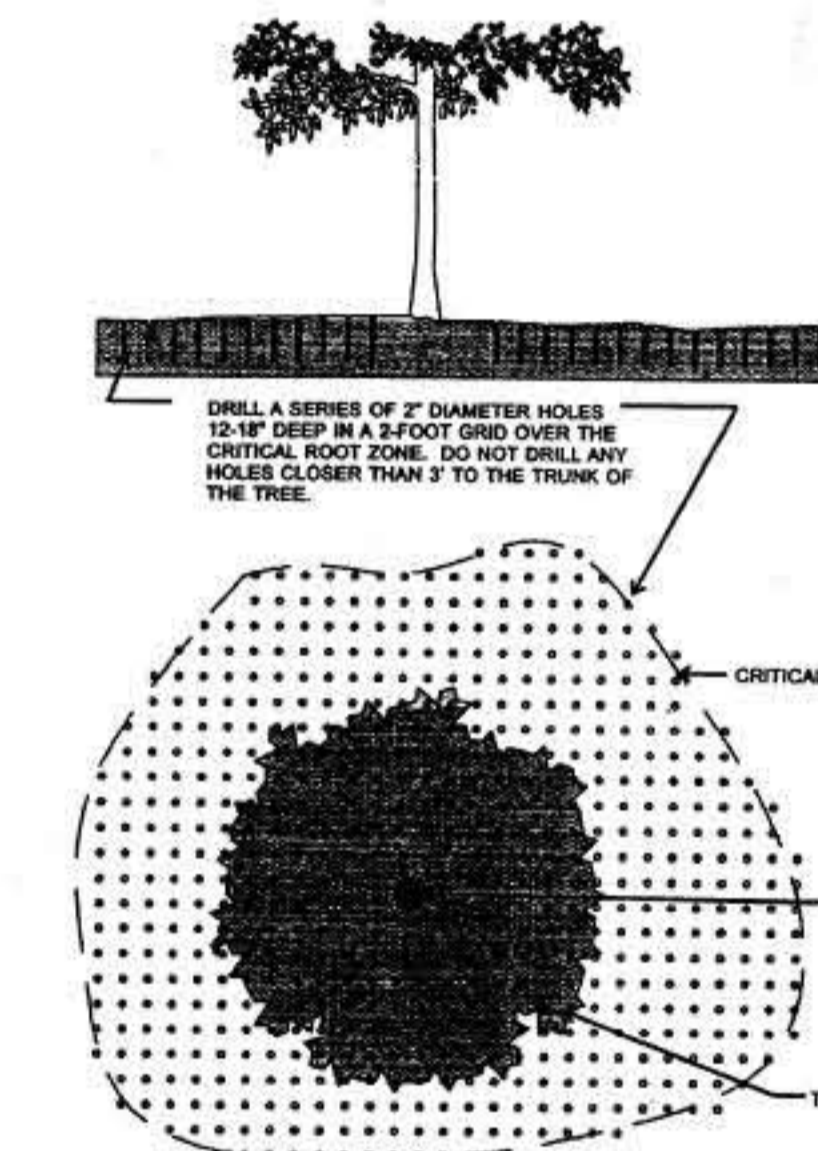
A-0.1 SCALE: 3/4" = 1'-0"

**GENERAL NOTES:**

1. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE UNIFORM CONSTRUCTION CODE OF NEW JERSEY, LATEST EDITION. FURTHERMORE, ALL WORK SHALL BE IN ACCORDANCE WITH LOCAL ORDINANCES AND/OR AGENCIES HAVING JURISDICTION OVER THE PRESCRIBED WORK.
2. ALL ARE TO ROUGH CONSTRUCTION UNLESS OTHERWISE NOTED. DO NOT SCALE DRAWINGS.
3. THE CONTRACTOR SHALL BE COMPLETELY FAMILIAR WITH THE SITE AND DOCUMENTS PRIOR TO SUBMITTING HIS BID TO THE OWNER. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCIES PRIOR TO THE START OF THE WORK.
4. BRICK SHALL BE APPROVED BY THE ARCHITECT.
5. DO NOT DIG PAST THE INDICATED B.O.F. (BOTTOM OF FOOTING) AS SHOWN ON THE DRAWINGS.

**BUILDING DEPARTMENT NOTES**

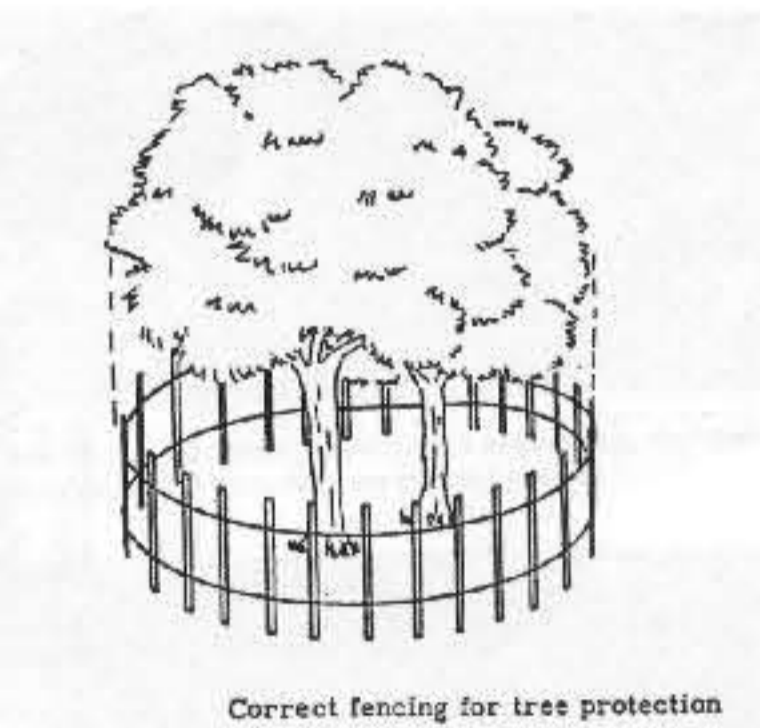
USE	R-4 RESIDENTIAL
CONSTRUCTION CLASS	5B
AREA	
	FIRST FLOOR 2385 SF
	SECOND FL. 2115 SF
	TOTAL 4500 SF
VOLUME	40500 CUBIC FT.
DESIGN LOADS:	LL DL DESIGN
BEDROOMS	30 15 45 PSF
LIVING AREAS	40 25 65 PSF
HALLS	50 15 65 PSF
ROOFS	30 15 45 PSF



IF THE CRITICAL ROOT ZONE IS ACCIDENTALLY COMPACTED DURING CONSTRUCTION, A QUALIFIED TREE CARE PROFESSIONAL CAN USE AERATION TECHNIQUES TO REDUCE HARMFUL IMPACTS TO TREES.

**TREE AERATION DETAIL**

NOT TO SCALE

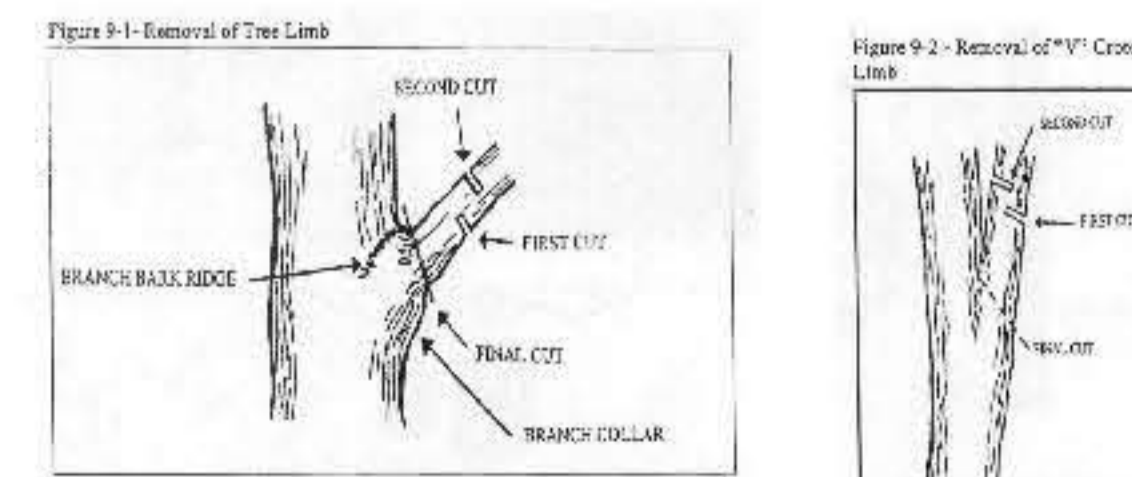


**TREE PROTECTION DETAIL**

NOT TO SCALE

**TREE PROTECTION NOTES**

- IMPORTANT - TREE PROTECTION REQUIRED FOR ALL TREES GREATER THAN 2\"/>
  - 1) PROVIDE FENCING NEAR EDGE OF TREE DRIP LINE.
  - 2) GEO-TEXTILES FOR TEMPORARY ROADS, PATHS OF TRAVEL AND STORAGE AREAS.
    - A) USE LAYERS OF GEO-TEXTILE.
    - B) COVER WITH 4\"/>
  - 3) ROOT PROTECTION - PROVIDE AERATION BY DRILLING A SERIES OF 2\"/>



**TREE PRUNING DETAILS**

NOT TO SCALE

7-10-07 GENERAL REVISIONS

**NEW SINGLE FAMILY RESIDENCE FOR MR. & MRS. HABER**

**HEINTZ & FIORE • LLC**  
ARCHITECTS • AIA  
87 woodland road  
short hills • new jersey • 07078  
973-467-1240 fax 973-376-0963

drawing title:  
**EXISTING & NEW SITE PLANS AND DETAILS**  
Job no.: #2702 scale: AS NOTED  
date: 5-14-07 drawn by: SAS  
ROBERT S. HEINTZ • AIA  
architect • NJ - C 4322  
planner • NJ - U 01553  
DONALD R. FIORE • AIA  
architect • NJ - AI 10410  
drawing:  
**A-0.2**