

MORRIS COUNTY SOIL CONSERVATION

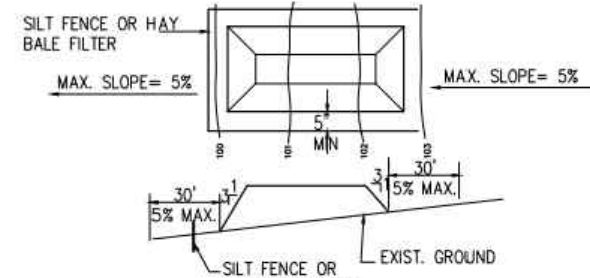
DISTRICT NOTES:

- 1. ALL SOIL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE INSTALLED IN ACCORDANCE WITH THE STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL IN NEW JERSEY... 2. ANY DISTURBED AREA THAT WILL BE LEFT EXPOSED FOR MORE THAN FOURTEEN (14) DAYS AND NOT SUBJECT TO CONSTRUCTION TRAFFIC SHALL IMMEDIATELY RECEIVE A TEMPORARY SEEDING...

PROJECTED CONSTRUCTION SEQUENCE

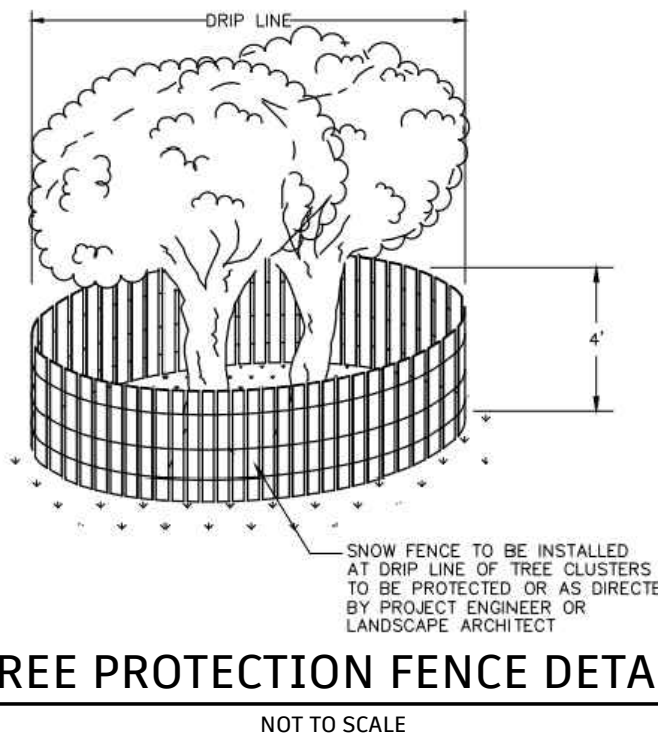
- 1. INSTALL TEMPORARY SEDIMENT CONTROL MEASURES: 2 DAYS
2. SITE PREPARATION, DEMOLITION AND PRELIMINARY GRADING: 10 DAYS
3. STORMWATER INSTALLATION: 3 DAYS
4. CONSTRUCT CABANA, POOL AND ASSOCIATED IMPROVEMENTS: 60 DAYS

SOIL COMPACTION MITIGATION EXCEPTION: THE SITE IS LOCATED WITHIN THE METROPOLITAN PLANNING AREA 1 (PA1) AND IS THEREFORE EXCEPT FROM SOIL COMPACTION MITIGATION.



- NOTES: 1. PLACE STOCKPILES AT LOCATIONS AS SHOWN ON THE SOIL EROSION AND SEDIMENT CONTROL PLAN
2. ALL SLOPE SLOPES SHALL BE MAXIMUM 3:1
3. STOCKPILE SHALL RECEIVE A VEGETATIVE COVER IN ACCORDANCE WITH MINIMUM STABILIZATION REQUIREMENTS AS STATED ON THIS SHEET.

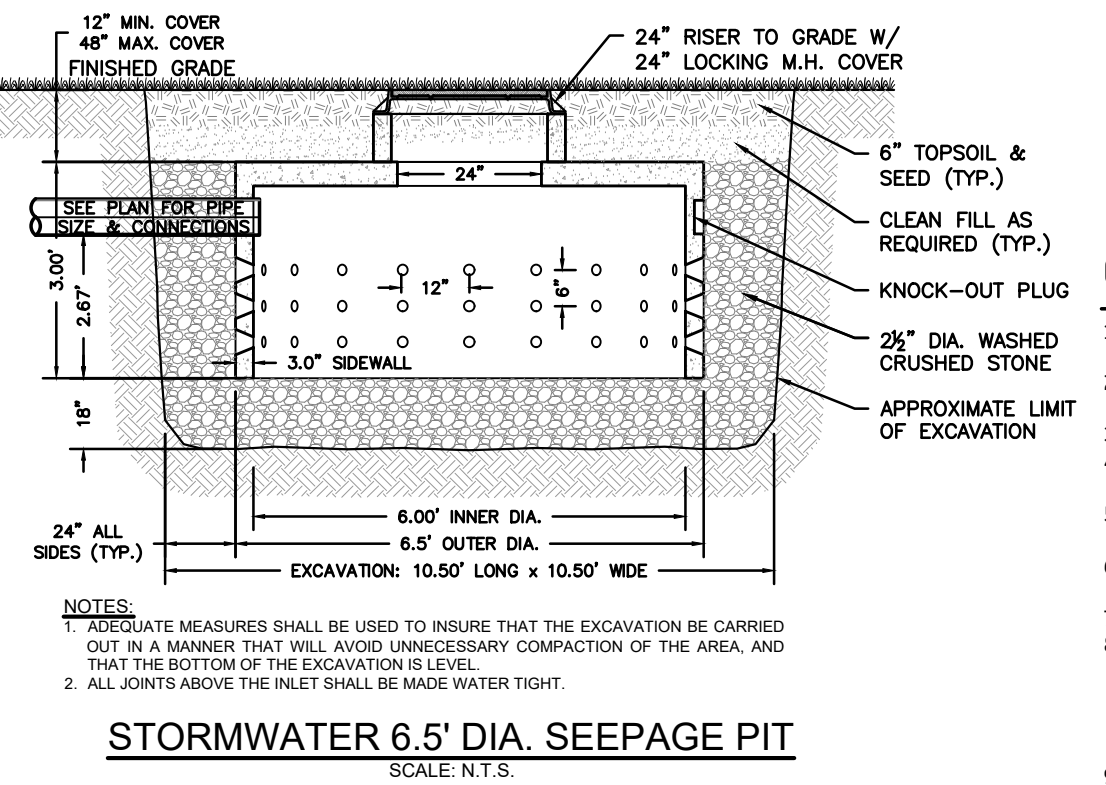
TEMPORARY TOPSOIL STOCKPILE DETAIL



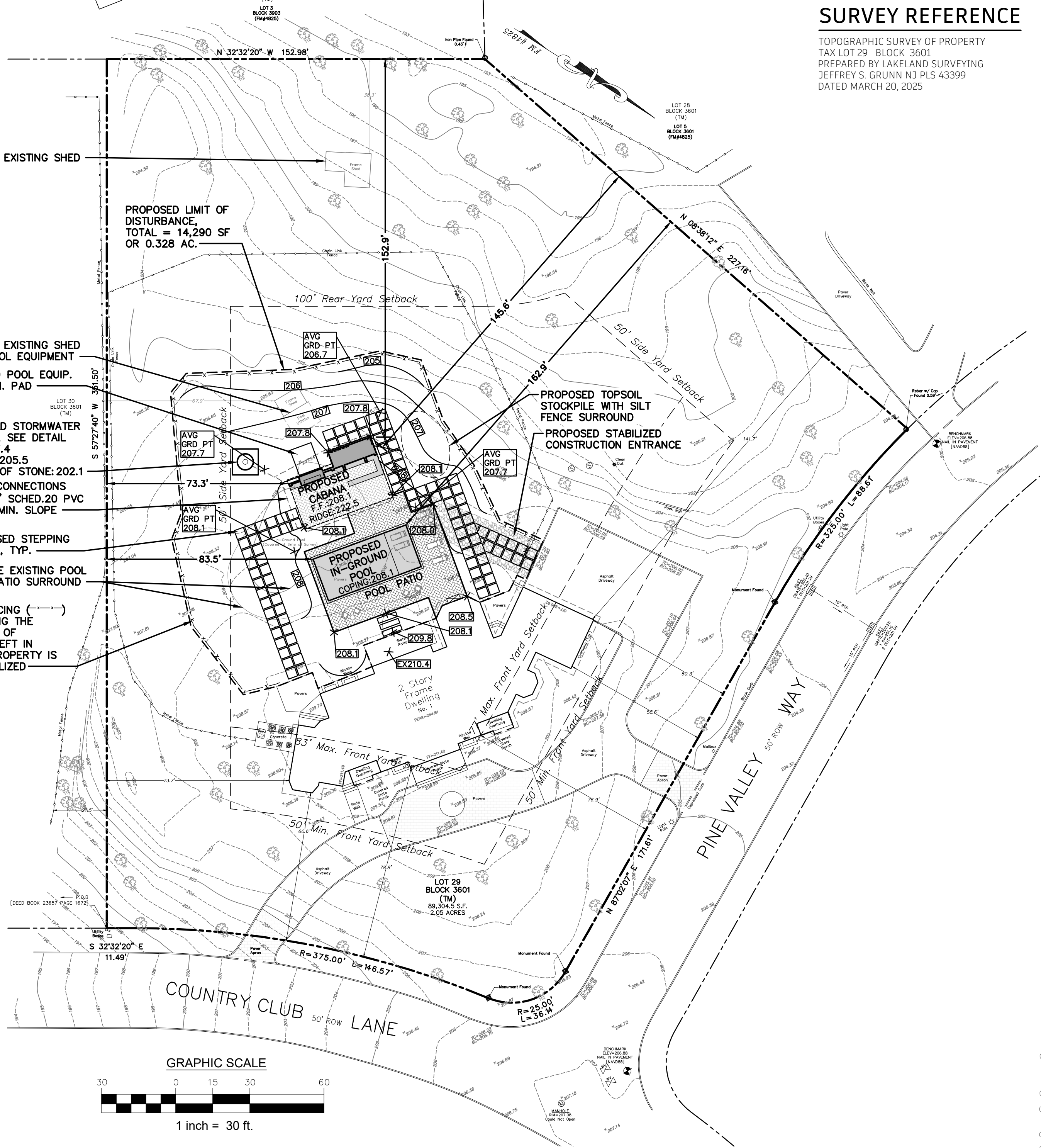
STORMWATER MANAGEMENT CALCULATIONS

STORAGE REQUIRED: A 3" RAINFALL APPLIED TO THE PROPOSED CABANA AREA = 3.00 IN x 902.0 S.F. / 12 = 225.5 C.F. = 1688.9 GALLONS

STORAGE PROVIDED UTILIZING: SEEPAGE PIT INFO: OUTSIDE DIA.: 78.0" or 6.5' INSIDE DIA.: 72.0" or 6.00' SIDE WALL: 3.0" or 0.25' TOTAL HEIGHT: 36.0" or 3.00' STORAGE HEIGHT: 32.0" or 2.67' STORAGE VOLUME: 6.29 CF/INCH 74.49 CF/UNIT EXTERIOR VOLUME: 7.38 CF/INCH 89.60 CF/UNIT

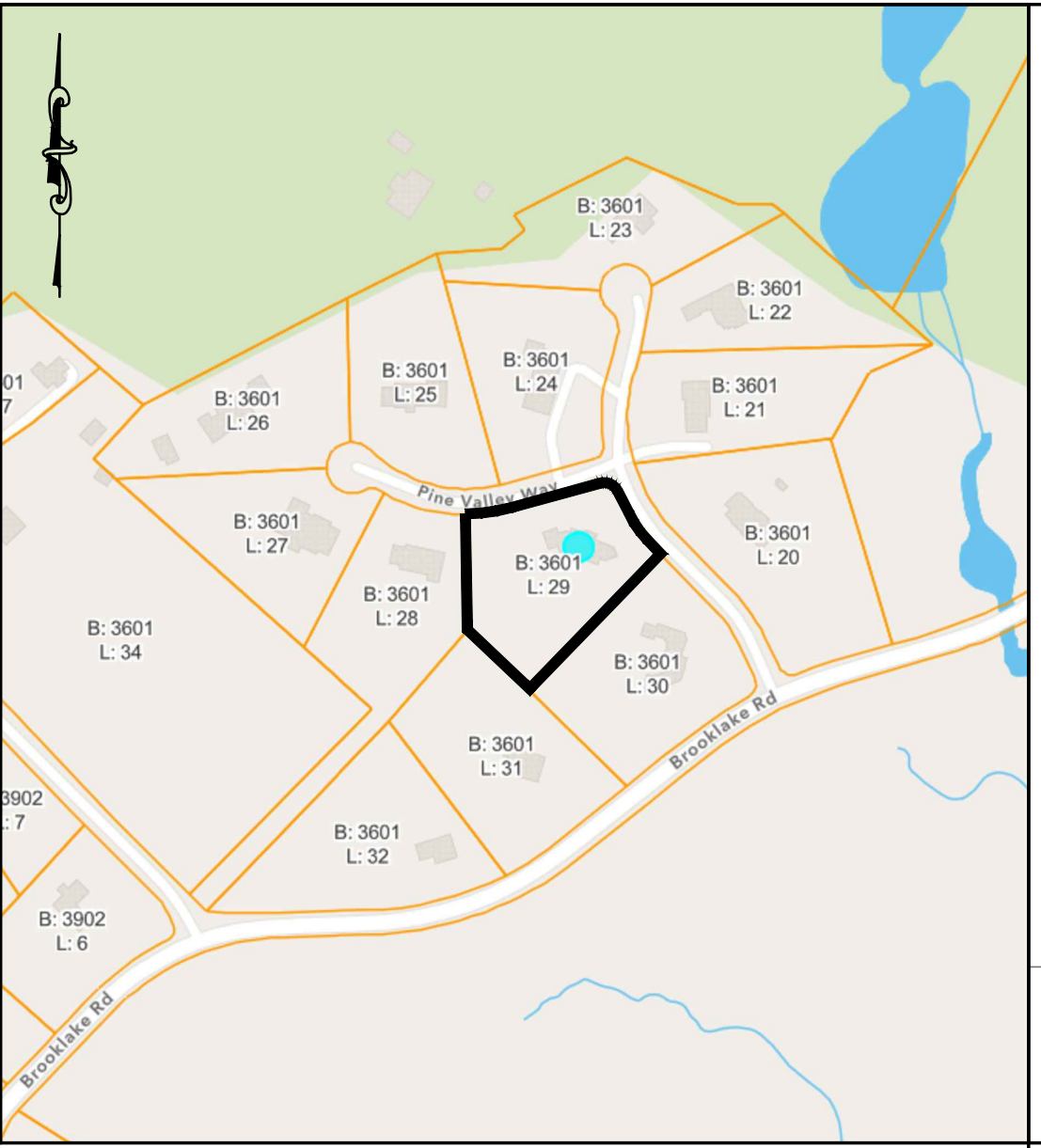


STORMWATER 6.5" DIA. SEEPAGE PIT SCALE: N.T.S.



SURVEY REFERENCE

TOPOGRAPHIC SURVEY OF PROPERTY TAX LOT 29 BLOCK 3601 PREPARED BY LAKELAND SURVEYING JEFFREY S. GRUNN NJ PLS 43399 DATED MARCH 20, 2025



KEY MAP (SCALE: 1" = 300')

R-88 ONE FAMILY RESIDENCE ZONE

Table with columns: ITEM, REQUIRED, EXISTING, PROPOSED, VARIANCE. Rows include Lot Area, Lot Width, Lot Depth, Principal Building (Dwelling), Front Yard (Pine Valley), Side Yard Setback, etc.

NOTES: 1) MAX. SETBACK SHALL BE WITHIN 10' OF AVERAGE OF PROPERTIES WITHIN 200' PINE VALLEY: (60' + 74')/2 = 67.0', 67.0' + 10' = 77.0'

SOIL MOVEMENT CALCULATIONS:

CABANA FOOTINGS: -CUT: 28 CY
STORMWATER SYSTEM: -CUT: 16 CY
SWIMMING POOL: -CUT NEW POOL: 133 CY -FILL OLD POOL: 202 CY
SITE GRADING: -FILL: 37 CY
TOTAL SOIL MOVEMENT: CUT: 28 + 16 + 133 = 177 CY FILL: 202 + 37 = 239 CY NET IMPORT: 62 CY

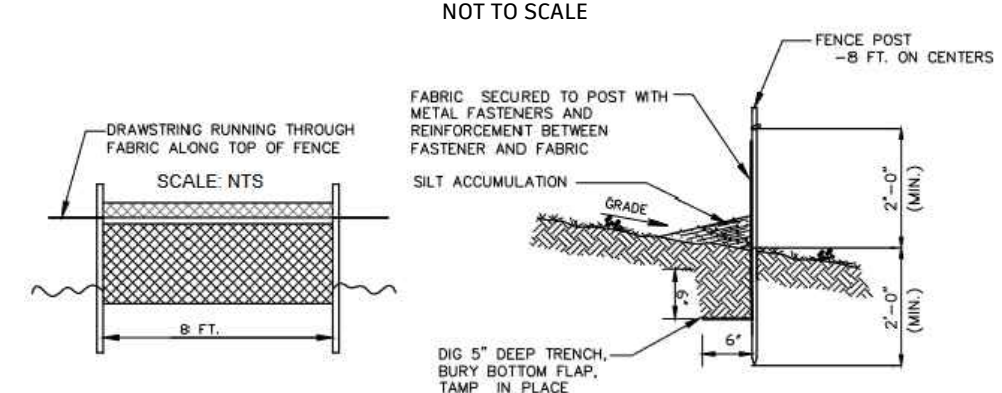
IMPROVED LOT COVERAGE

Table with columns: ITEM, EXISTING, PROPOSED. Rows include Principal Building, Overhangs >18", Front Porch, Accessory Buildings, Window Wells, Front Walk, Rear Slate Patio, Rear Pavers, Driveway, Pool Patio, House Equip. Pad, Pool Equip. Pad, Stepping Stones, and Total.

GENERAL NOTES:

- 1. THIS DESIGN IS BASED ON CONDITIONS WHICH ARE REPRESENTED ON THE REFERENCED SURVEY. THE DESIGN ENGINEER IS NOT RESPONSIBLE FOR DIFFERING OR UNFORESEEN SITE CONDITIONS.
2. NO CHANGES SHALL BE MADE TO THIS DESIGN WITHOUT THE WRITTEN PERMISSION FROM A LICENSED PROFESSIONAL ENGINEER AND THE REGULATORY AUTHORITIES.

STABILIZED CONSTRUCTION ACCESS DETAIL



REQUIREMENTS FOR SILT FENCE: 1. FENCE POSTS SHALL BE SPACED 8 FEET CENTER-TO-CENTER OR CLOSER. THEY SHALL EXTEND AT LEAST 2 FEET INTO THE GROUND AND EXTEND AT LEAST 2 FEET ABOVE THE GROUND.

SILT FENCE DETAIL

NOT TO SCALE

Professional information for CIVILIZED engineering, llc, including contact details for Tyler C. Vandervalk, address at 1 Pine Valley Way, and sheet title 'LOT GRADING PLAN AND SOIL EROSION & SEDIMENT CONTROL PLAN'.