

SITE PLAN	
DWG NO	19173
SCALE	1" = 30'
DATE	10 OCT 19
REV/DATE	
DRAWN BY	MS
SHEET	1 OF 2

**SITE PLAN**

BILL HILKER

FREEVILLE ROAD/ STATE ROUTE 38, TOWN OF DRYDEN

TOMPKINS COUNTY, NEW YORK

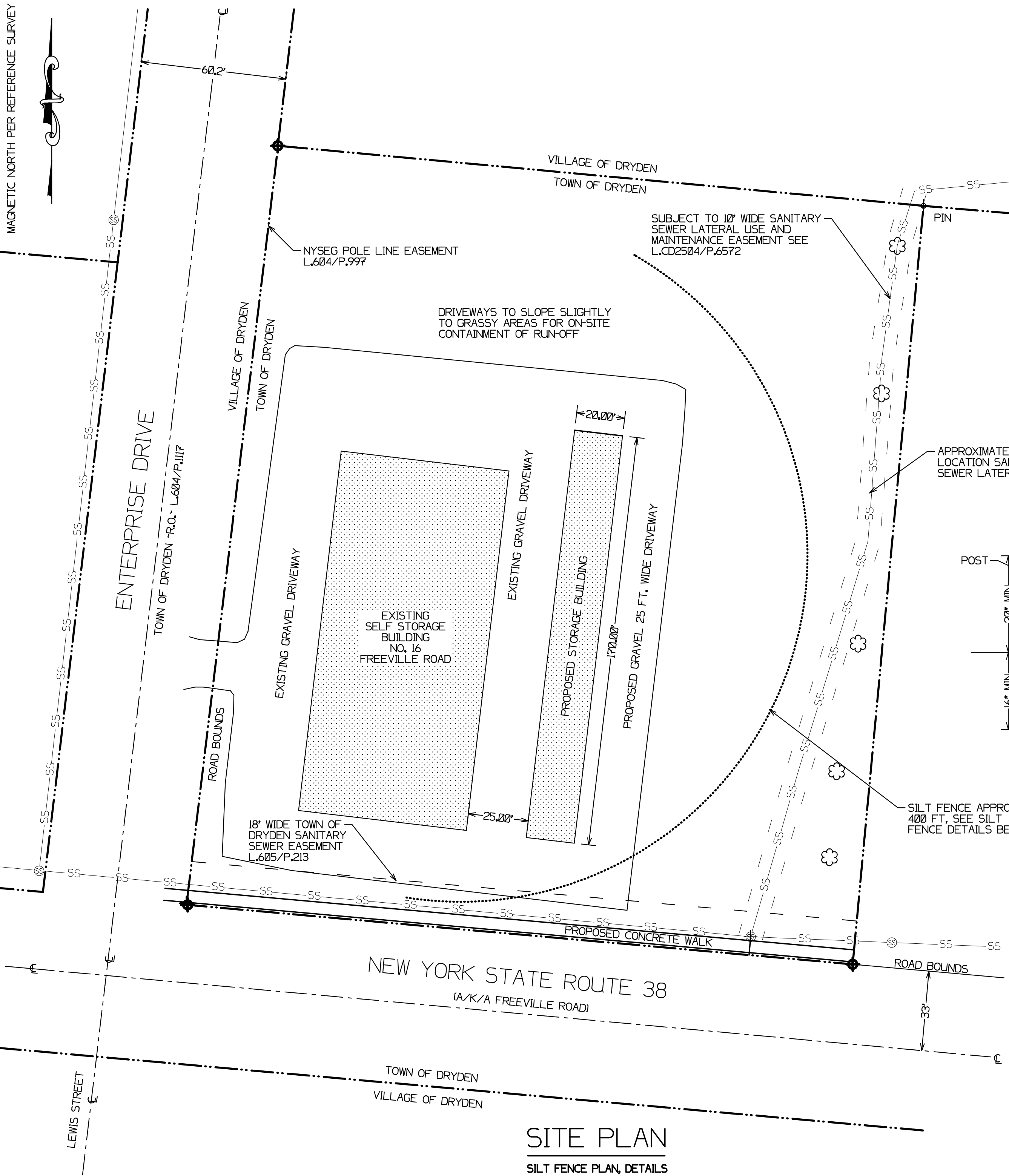
**McElwain Engineering**

PO BOX 127, 5 PARK STREET

NEWARK VALLEY, NEW YORK 13811

607-642-5500 MCELWAINENGINEERING@AOL.COM





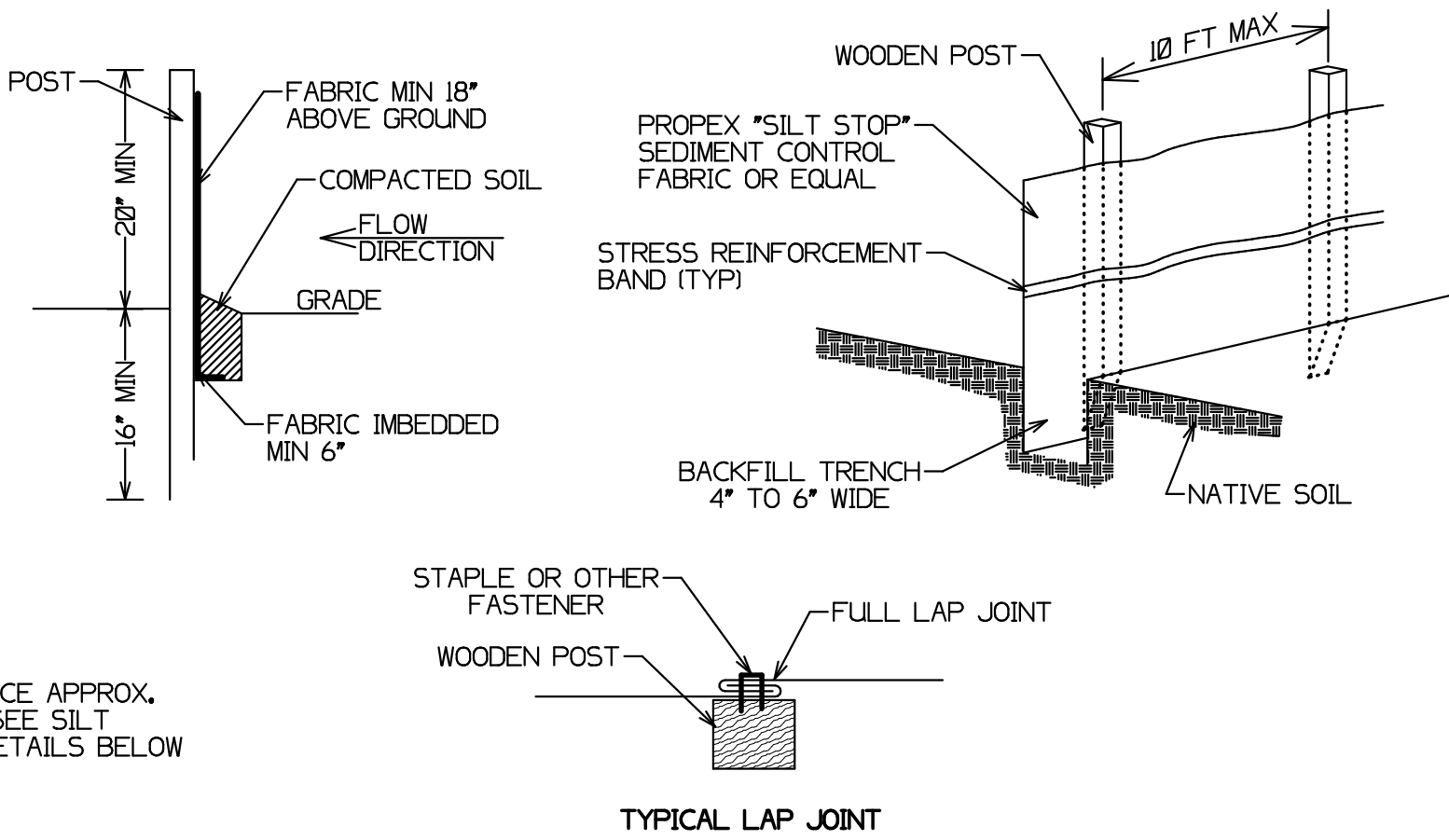
CRITERIA FOR SILT FENCE MATERIALS

1. SILT FENCE FABRIC: THE FABRIC SHALL MEET THE FOLLOWING SPECIFICATIONS UNLESS OTHERWISE APPROVED BY THE APPROPRIATE EROSION AND SEDIMENT CONTROL PLAN APPROVAL AUTHORITY. SUCH APPROVAL SHALL NOT CONSTITUTE STATEWIDE ACCEPTANCE.

2. FENCE POSTS (FOR FABRICATED UNITS): THE LENGTH SHALL BE A MINIMUM OF 36 INCHES LONG. WOOD POSTS WILL BE OF SOUND QUALITY HARDWOOD WITH A MINIMUM CROSS SECTIONAL AREA OF 3.5 SQUARE INCHES. STEEL POSTS WILL BE STANDARD "T" AND "U" SECTION WEIGHING NOT LESS THAN 100 POUND PER LINEAR FOOT.

3. REFERENCE "NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL", PGS 5.54 - 5.56. 4. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED. FILTER CLOTH SHALL BE EITHER FILTER X, MIRAFL 100X, STABILINKA T140N OR APPROVED EQUIVALENT.

FABRIC PROPERTIES	MINIMUM ACCEPTABLE VALUE	TEST METHOD
GRAB TENSILE STRENGTH (LBS)	110	ASTM D 4632
ELONGATION AT FAILURE (%)	20	ASTM D 4632
MULLEN BURST STRENGTH(PSI)	300	ASTM D 3786
PUNCTURE STRENGTH (LBS)	60	ASTM D 4833
MINIMUM TRAPEZOIDAL TEAR STRENGTH (LBS)	50	ASTM D 4533
FLOW THROUGH RATE (GAL/MIN/SF)	25	ASTM D 4491



SILT FENCE DETAILS



GENERAL NOTES

1. UNAUTHORIZED ALTERATION OR ADDITION TO A DRAWING BEARING A LICENSED ENGINEER'S SEAL IS A VIOLATION OF NYS EDUCATION LAW 145, SECTION 7209, SUBDIVISION 2.
2. THIS DRAWING AND DESIGN ARE THE PROPERTY OF McELWAIN ENGINEERING. THE STAMP AND/OR SIGNATURE MUST CONTRAST IN COLOR FROM THE DRAWING FOR THIS TO BE AN OFFICIAL DESIGN.
3. PLOTTING AND REPRODUCTION PROCESSES DO NOT ALWAYS MAINTAIN DIMENSIONAL ACCURACY. DO NOT ATTEMPT TO SCALE DIMENSIONS FROM THIS DRAWING.

SILT FENCE PLAN, DETAILS	
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