

PROJECT NAME: 1110 ROUTE 9W SOUTH

STRUCTURAL ENGINEER: DOMINICK R.PILLA ASSOCIATES PC

PROJECT ADDRESS: 1110 ROUTE 9W SOUTH, NYACK, NY

ISSUED: FOR REVIEW

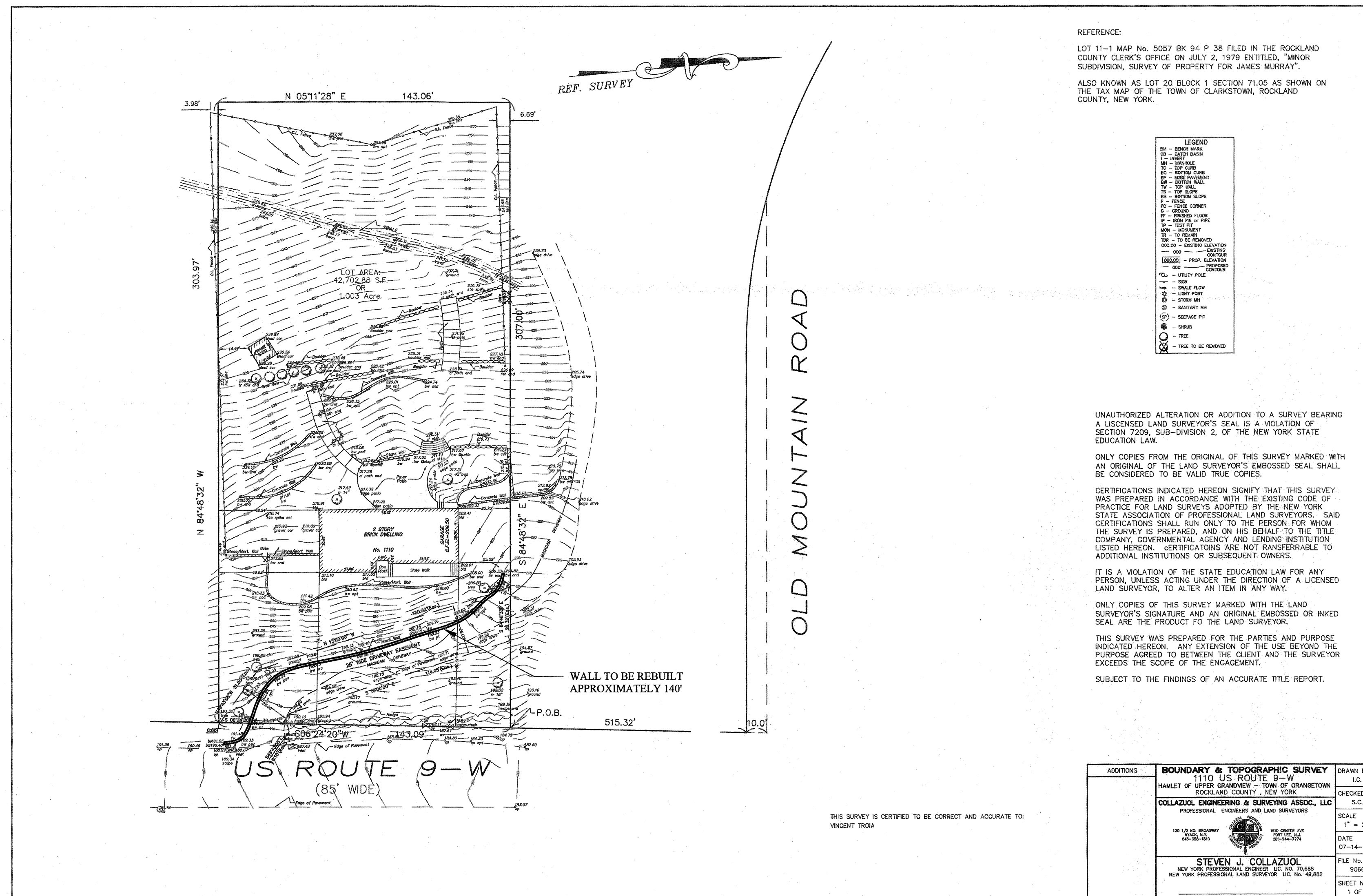
STRUCTURAL PLANS

DATE: 08/04/2021

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SCOPE OF WORK:

REPLACE APPROXIMATELY 140' OF EXISTING CMU RETAINING WALL WITH



A SURVEY - KEY PLAN

SURVEY PREPARED BY COLLAZUOL ENGINEERING & SURVEYING ASSOC., LLC. FOR REFERENCE ONLY.

ABBREVIATION

AESS	ARCHITECTURALLY EXPOSED STRUCTURAL STEEL
B	BOTTOM REINFORCEMENT
BM	BEAM
BS	BOTH SIDES
BU	BUILT UP MEMBER
BW	BEARING WALL
C	COMPRESSION FORCE IN KIPS
CANT.	CANTILEVER
CL	CENTER LINE
CG	CENTER OF GRAVITY
COL	COLUMN
CONT	CONTINUOUS
COMP LAP	COMPRESSION REINF LAP SLICE
CP	COMPLETE PENETRATION WELD
DB	DEVELOPMENT LENGTH OF REINFORCEMENT BAR
DEL	DELTA OR CHANGE IN ELEVATION
(E)	EXISTING CONSTRUCTION
EF	EACH FACE
EL	ELEVATION
EW	EACH WAY
F	FINISHED SURFACE
GB	GRADE BEAM
H	HORIZONTAL REINFORCEMENT
H	HORIZONTAL FORCE IN KIPS
HJ2	NEW CODE FORMED STEEL JOISTS
LAP	FULL TENSION CAPACITY LAP SPLICE
LD	TENSION DEVELOPMENT LENGTH FOR REINFORCING BARS
LDC	COMPRESSION SPLICE LENGTH FOR REINFORCEMENT BARS
LLBB	LONG LEGS BACK-TO-BACK
LW	LIGHTWEIGHT CONCRETE
M	BENDING MOMENT IN FOOT-KIPS
MC	MOMENT CONNECTION SHOWN ON DRAWING
MIN	MINIMUM
(N)	NEW CONSTRUCTION
N	BEARING BOLTS THREADS INCLUDED IN SHEAR PLANE
NTS	NOT TO SCALE
OC	ON CENTER
PC	PILE CAP
PL	PLATE
PP	PARTIAL PENETRATION WELD
PL	PROPERTY LINE
SAD	SEE ARCHITECTURAL DRAWINGS/DETAILS
S1,S2	SLAB ON DECK TYPE
SC	SLIP CRITICAL BOLT
SIM	SIMILAR
SPW	SOLDIER PILE LAGGING WALL
SW	SHEAR WALL
T	TENSION FORCE IN KIPS
T	THICKNESS
T	TOP REINFORCEMENT
TBC	TO BE CONFIRMED
TCC	TOP OF CONCRETE
TOF	TOP OF FOOTING
TOS	TOP OF STEEL
TYP	TYPICAL
UNO,UON	UNLESS OTHERWISE NOTED
M	MOMENT
V	VERTICAL BEAM END REACTION IN KIPS
VIF	VERIFY IN FIELD
WP	WORKPOINT
WWF	WELDED WIRE FABRIC

SYMBOL LEGEND

	SECTION SYMBOL
	DETAIL REFERENCE SYMBOL
	ELEVATION REFERENCE SYMBOL
	PLAN, SECTION, OR DETAIL TITLE SYMBOL
	ELEVATION SYMBOL
	BEAM MOMENT CONNECTION
	POST UP/POST DOWN
LT-#	PRECAST LINTEL
GB-#	CONCRETE GRADE BEAM
F-#	FOOTING NUMBER
MW-#	MASONRY WALL NUMBER
CB-#	CONCRETE BEAM
CP-#	CONCRETE PIER
CW-#	CONCRETE WALL NUMBER

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CONSULTING ENGINEERS

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REVISIONS:		
NO.	DATE	DESCRIPTION

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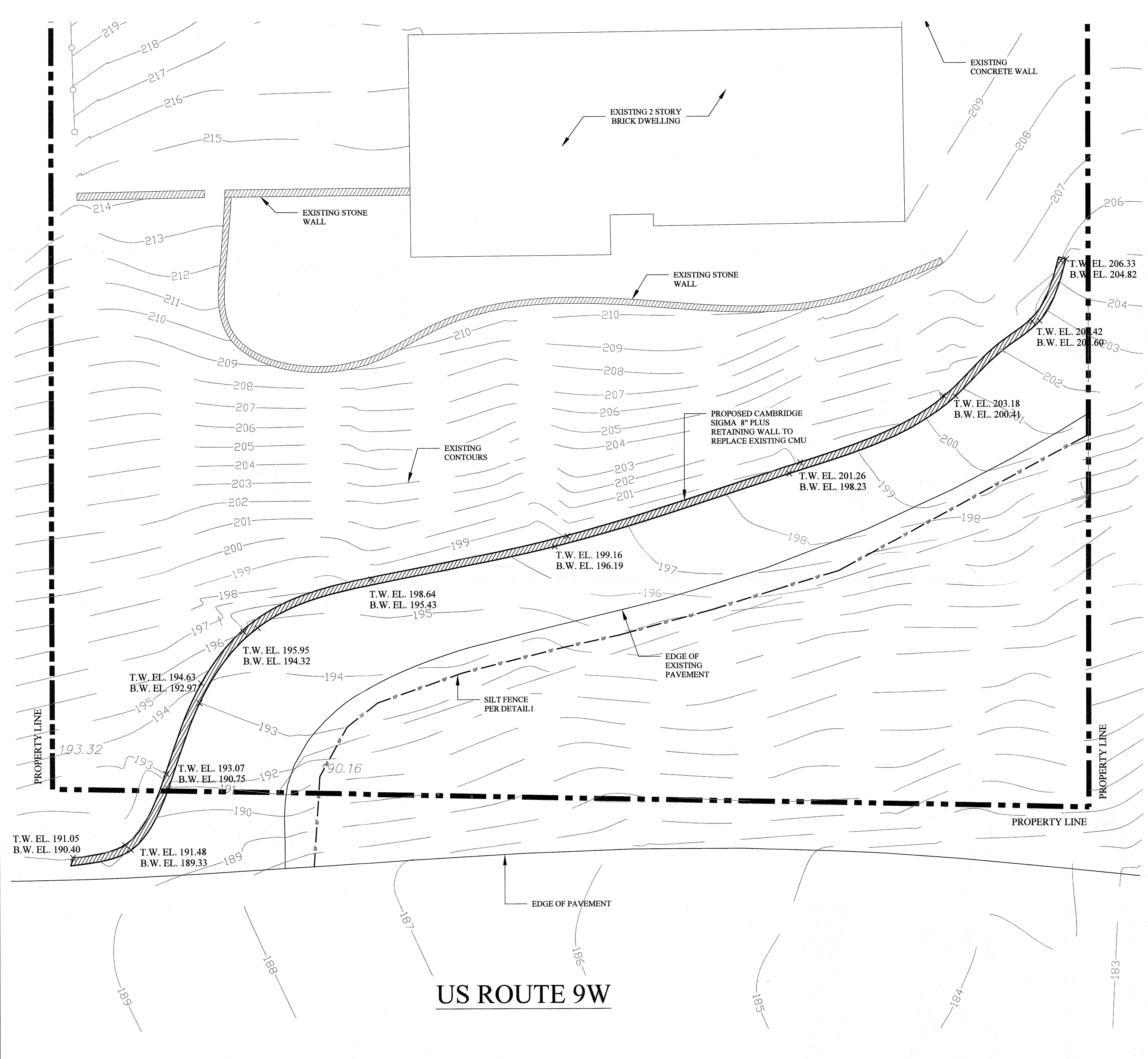
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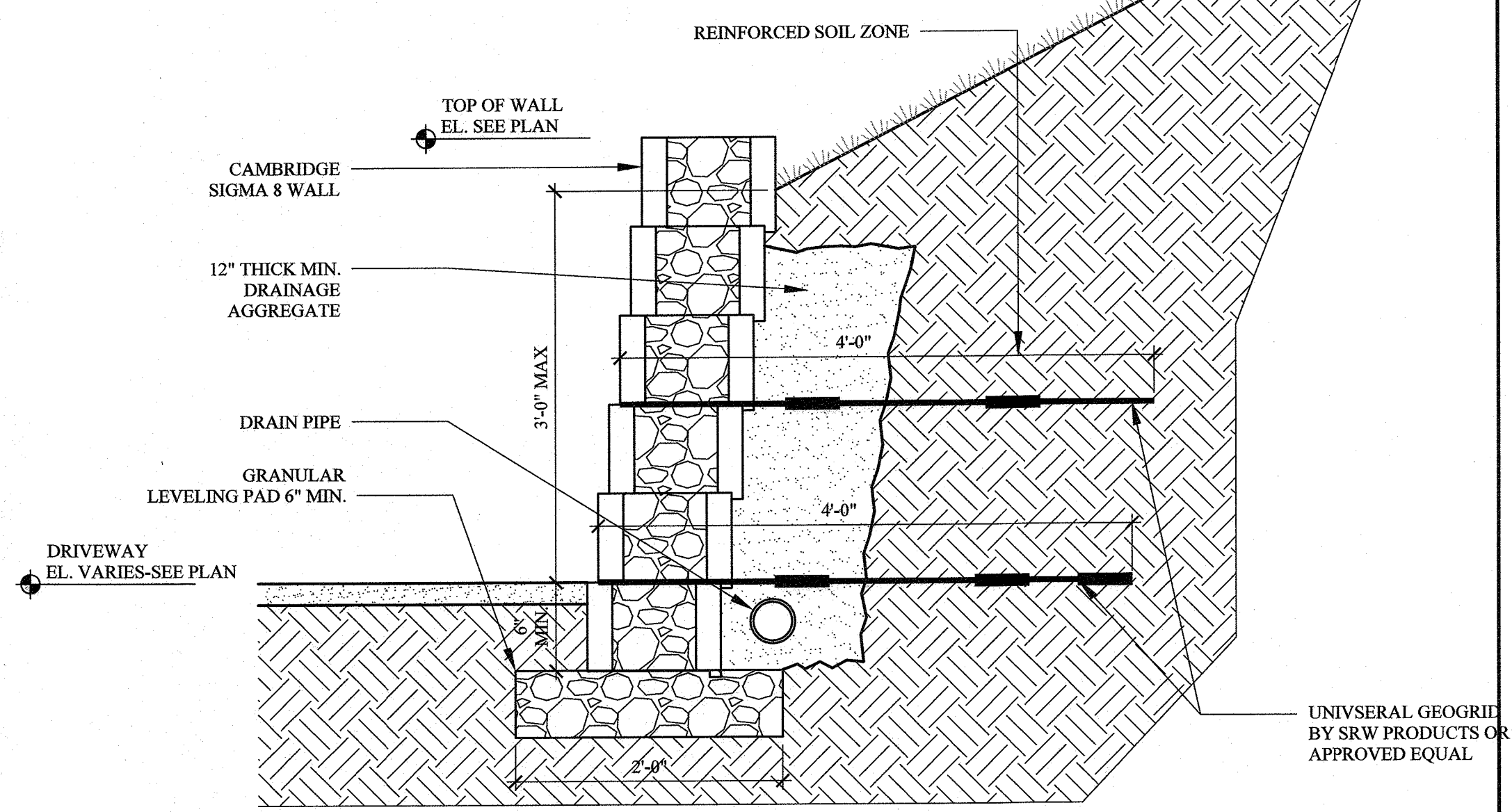
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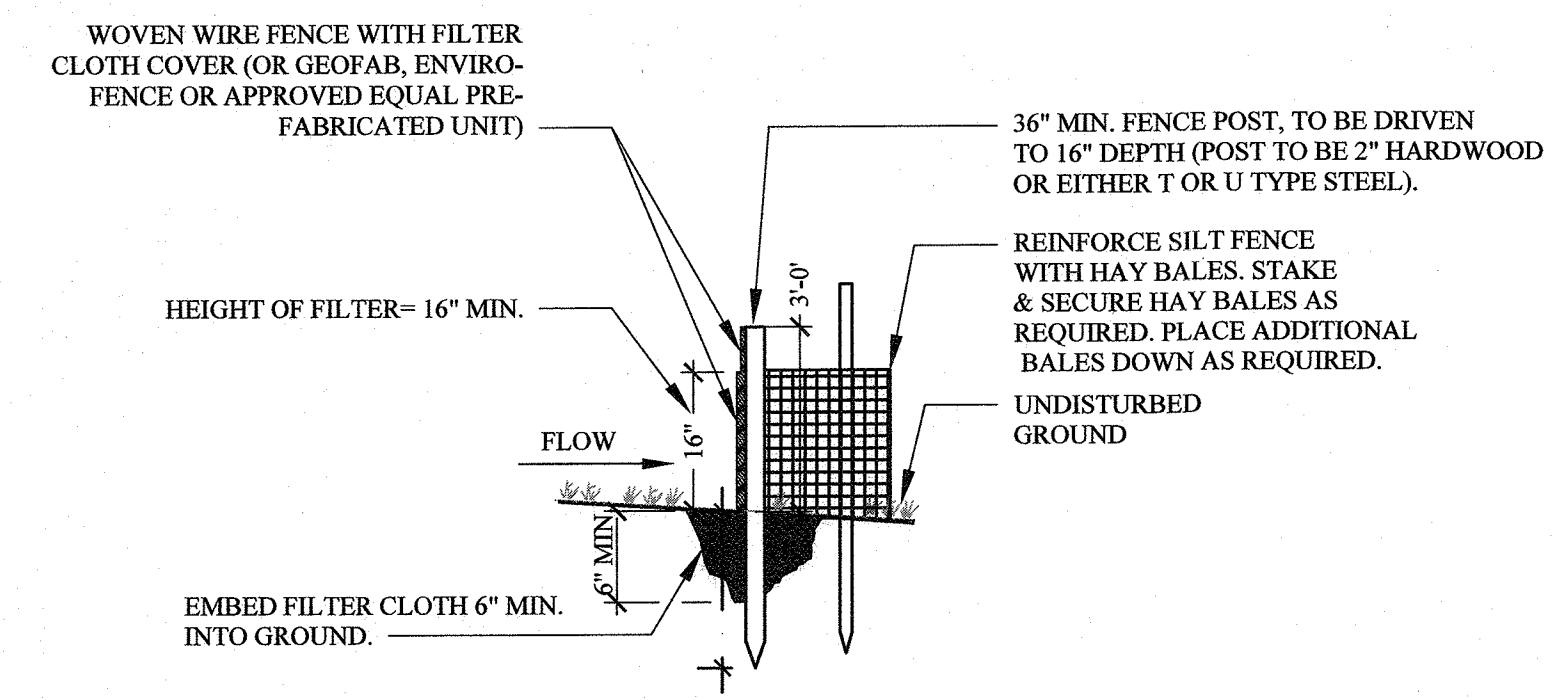
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A RETAINING WALL PLAN
SCALE = 1/8" = 1'-0"



B RETAINING WALL SECTION
1" = 1'-0"



- NOTES:**
- 1- POST SPACING TO BE 10' MAX. O.C.
 - 2- WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES.
 - 3- WOVEN WIRE FENCE TO BE 14 GA. MIN., 6" MAX. SPACING.
 - 4- FILTER CLOTH TO BE FILTER X, MIRAFI 100XOR APPROVED EQUAL.
 - 5- FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE, WITH WIRE TIES SPACED EVERY 24" AT TOP AND MID SECTION.
 - 6- WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER, THEY SHALL BE OVERLAPPED BY SIX INCHES, FOLDED AND STAPLED OR TIED TO A POST (PROVIDE POST AT SPLICE).
 - 7- MAINTENANCE SHALL BE PERFORMED AS NEEDED, AND MATERIAL REMOVED WHEN BULGES DEVELOP IN THE SILT FENCE.
 - 8- BALES SHALL BE PLACED AT THE TOE OF SLOPE OR ON THE CONTOUR AND IN A ROW WITH ENDS TIGHTLY ABUTTING THE ADJACENT BALES.
 - 9- EACH BALE SHALL BE EMBEDDED IN THE SOIL A MINIMUM OF (4) INCHES, AND PLACED SO THE BINDINGS ARE HORIZONTAL.
 - 10- BALES SHALL BE SECURELY ANCHORED IN PLACE BY EITHER TWO STAKES OR REBARS DRIVEN THROUGH THE BALE. THE FIRST STAKE IN EACH BALE SHALL BE DRIVEN TOWARD THE PREVIOUSLY LAID BALE AT AN ANGLE TO FORCE THE BALES TOGETHER. STAKES SHALL BE DRIVEN 1 1/2' TO 2' INTO THE GROUND AND FLUSH WITH THE BALE.
 - 11- INSPECTION SHALL BE FREQUENT AND REPAIR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.
 - 12- BALES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFULNESS SO AS NOT TO BLOCK OR IMPEDE STORM FLOW OR DRAINAGE.

1 TYPICAL SILT FENCE DETAIL
NOT TO SCALE

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