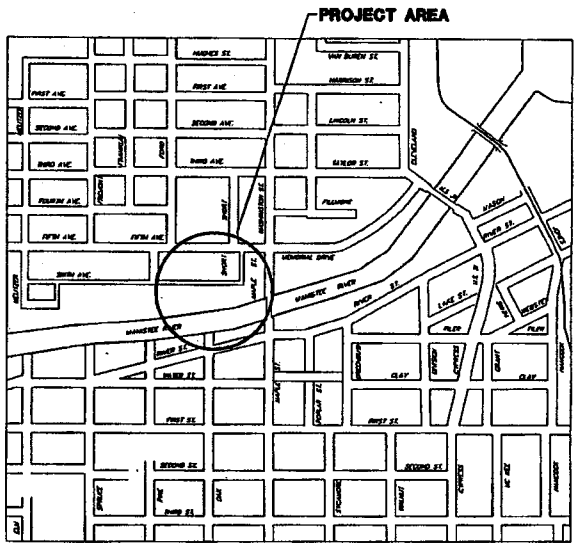
Revised Set

COUNTY KEY



PROJECT LOCATION MAP
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By: City of Manistee
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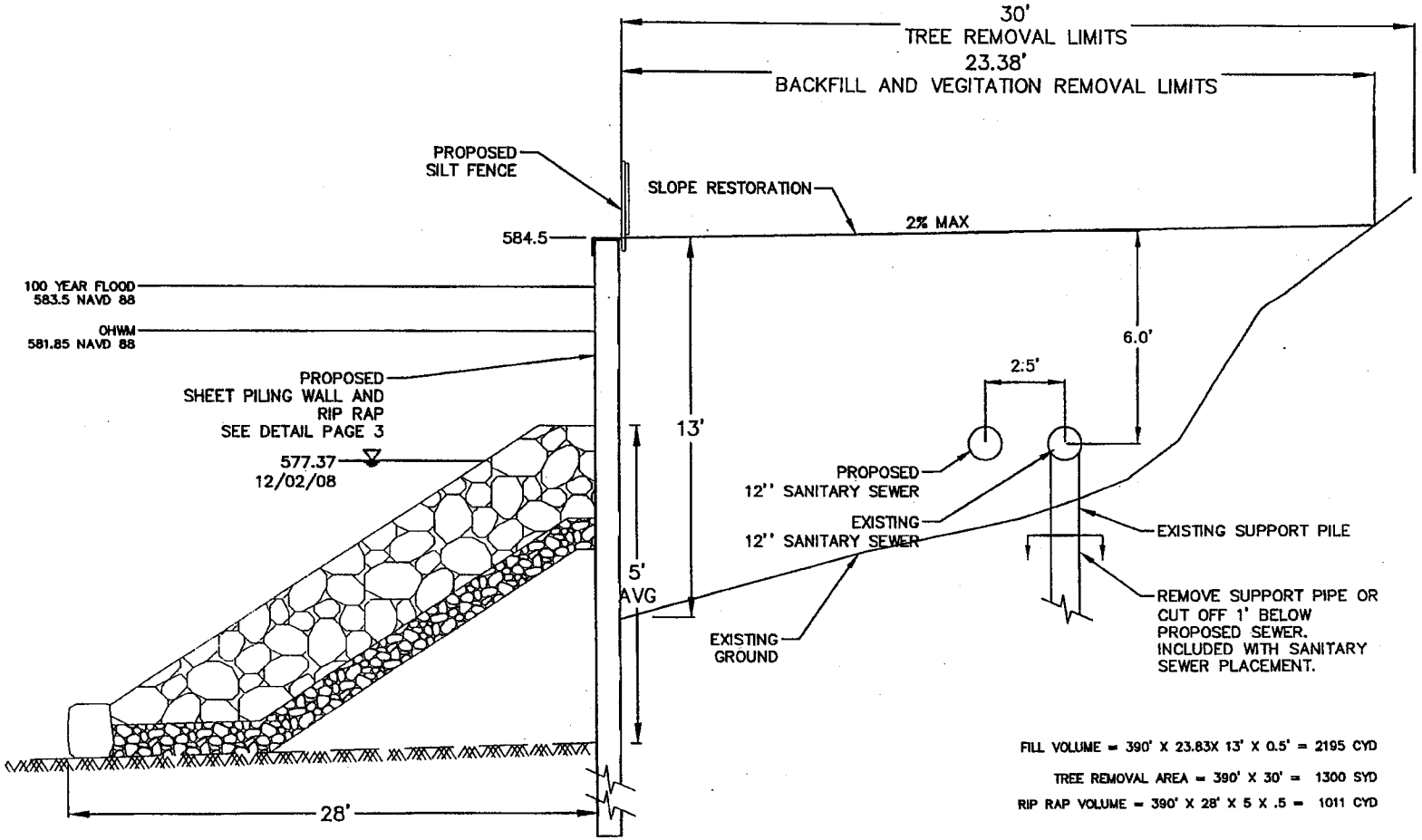

FILL VOLUME = 390' X 23.83X 13' X 0.5' = 2195 CYD

TREE REMOVAL AREA = 390' X 30' = 1300 SYD

RIP RAP VOLUME = 390' X 28' X 5 X .5 = 1011 CYD

SECTION A–A

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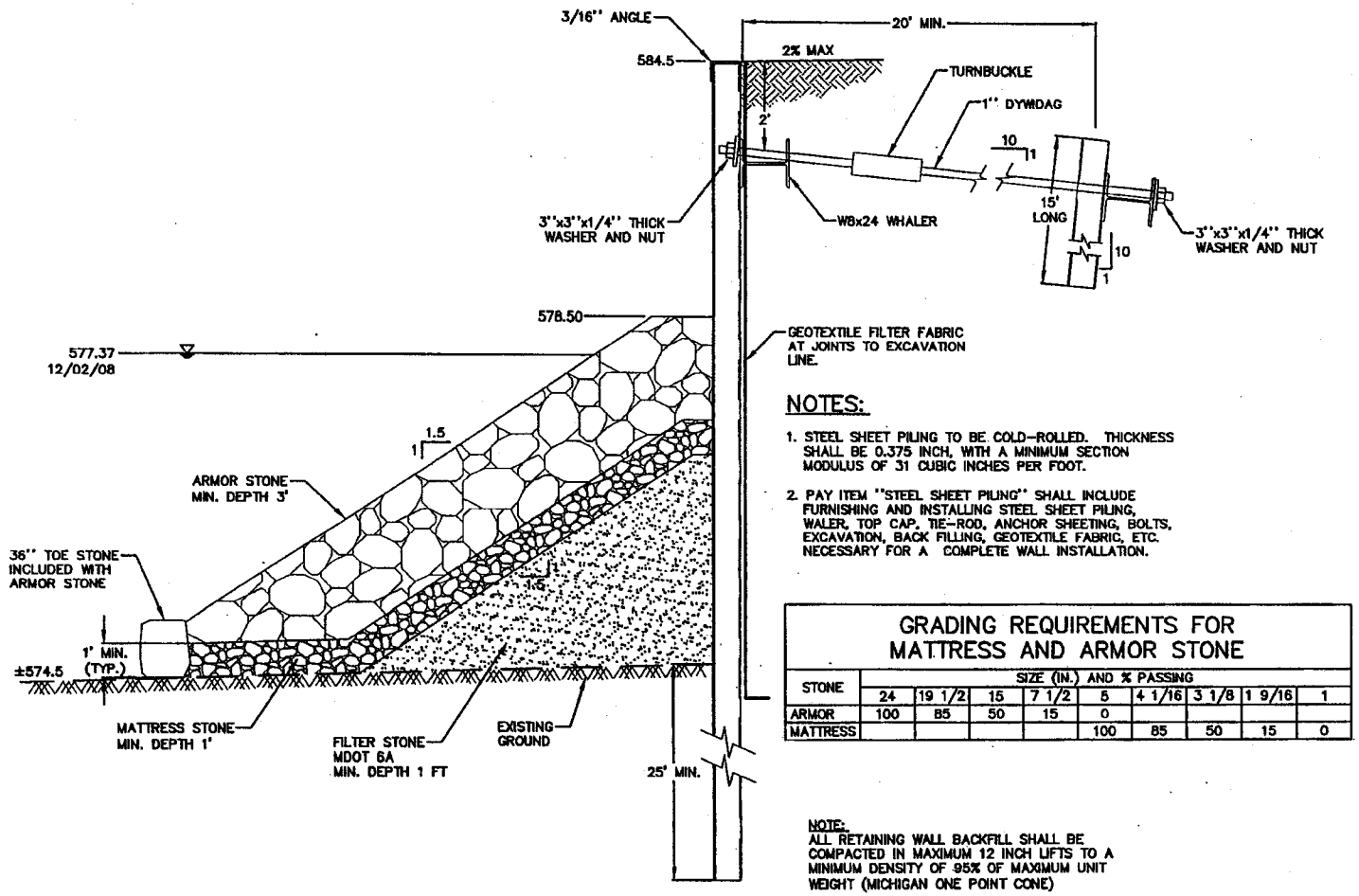

NOTES:

1. STEEL SHEET PILING TO BE COLD-ROLLED. THICKNESS SHALL BE 0.375 INCH, WITH A MINIMUM SECTION MODULUS OF 31 CUBIC INCHES PER FOOT.
2. PAY ITEM "STEEL SHEET PILING" SHALL INCLUDE FURNISHING AND INSTALLING STEEL SHEET PILING, WALER, TOP CAP, TIE-ROD, ANCHOR SHEETING, BOLTS, EXCAVATION, BACK FILLING, GEOTEXTILE FABRIC, ETC. NECESSARY FOR A COMPLETE WALL INSTALLATION.

GRADING REQUIREMENTS FOR MATTRESS AND ARMOR STONE

STONE	SIZE (IN.) AND % PASSING								
	24	19 1/2	15	7 1/2	5	4 1/16	3 1/8	1 9/16	1
ARMOR	100	85	50	15	0				
MATTRESS					100	85	50	15	0

NOTE:
ALL RETAINING WALL BACKFILL SHALL BE COMPACTED IN MAXIMUM 12 INCH LIFTS TO A MINIMUM DENSITY OF 95% OF MAXIMUM UNIT WEIGHT (MICHIGAN ONE POINT CONE)

TYPICAL SHEET PILING WALL
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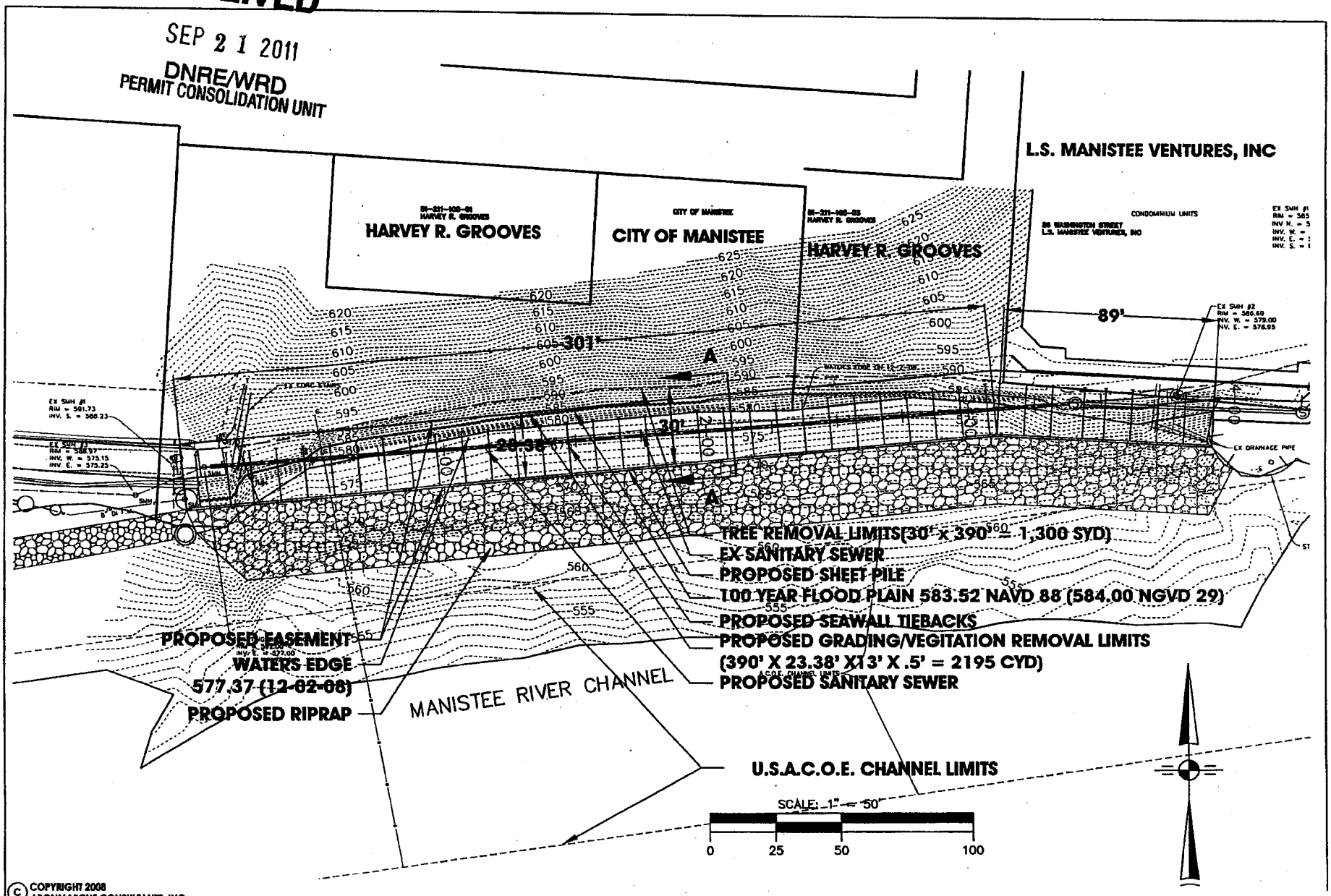

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