# ARBORETUM

SNOWBERRY CIRCLE - LOTS 88 - 92 ARBORETUM SUBDIVISION - PHASE IV A DEFINITIVE SITE PLAN IN WORCESTER, MASSACHUSETTS



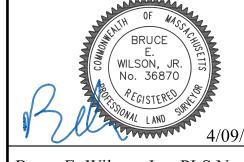
LOCUS: SCALE: 1" = 400'

#### SHEET INDEX

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	REVISIONS					
No.	DATE	REVISION	ВУ			
1	4/09/24	COMMENTS BY CITY OF WORCESTER SENIOR PLANNER DATED 4/08/24	RMG			

#### ENGINEERS STATEMENT





# EXISTING CONDITIONS PLAN LOTS 88 - 92

LOCATED ON **SNOWBERRY CIRCLE** WORCESTER, MA.

## OWNED BY AND PREPARED FOR

ARBORETUM VILLAGE, LLC. 31 GALLAIR CIRCLE HOLDEN, MA. 01520

**ASSESSORS PARCELS:** 29-11A-00088, 29-11A-0088A, 29-11A-0089L, 29-11A-0089R 29-11A-0090L, 29-11A-90R, 29-11A-91L, 29-11A-91R, 29-11A-92L & 29-11A-92R

> W.D.R.O.D. DEED BOOK 36075 PAGE 14 W.D.R.O.D. PLAN BOOK 791 PLAN 61 W.D.R.O.D. PLAN BOOK 964 PLAN 118 W.D.R.O.D. PLAN BOOK 891 PLAN 74



New **E**ngland Environmental Design, LLC

**Civil Engineering** ■ **Environmental** ■ **Land Surveying Consultants** P.O. Box 376 Rutland, MA 01543 ■ Ph: (508) 829-7222 ■ needllc@hotmail.com

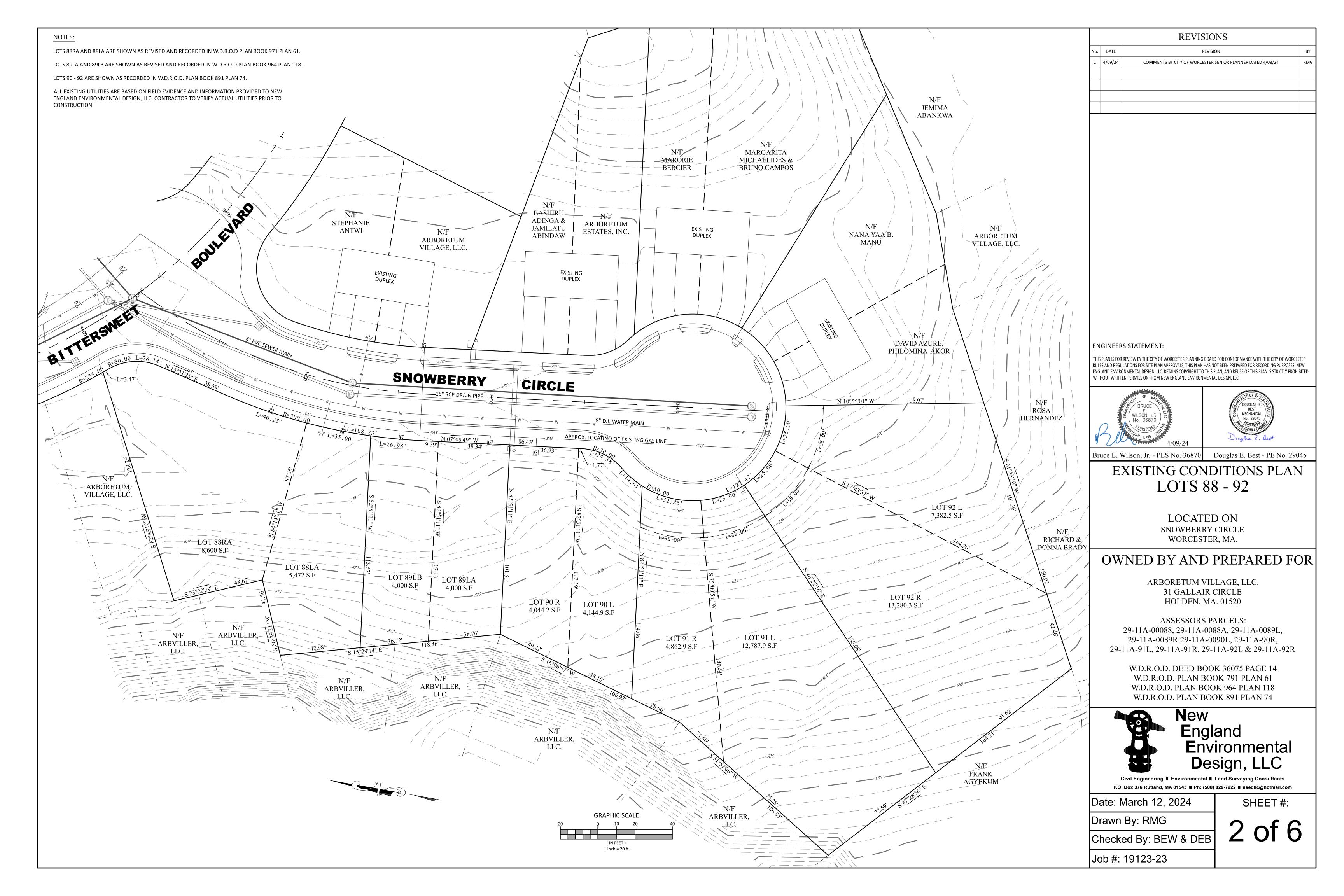
Date: March 12, 2024

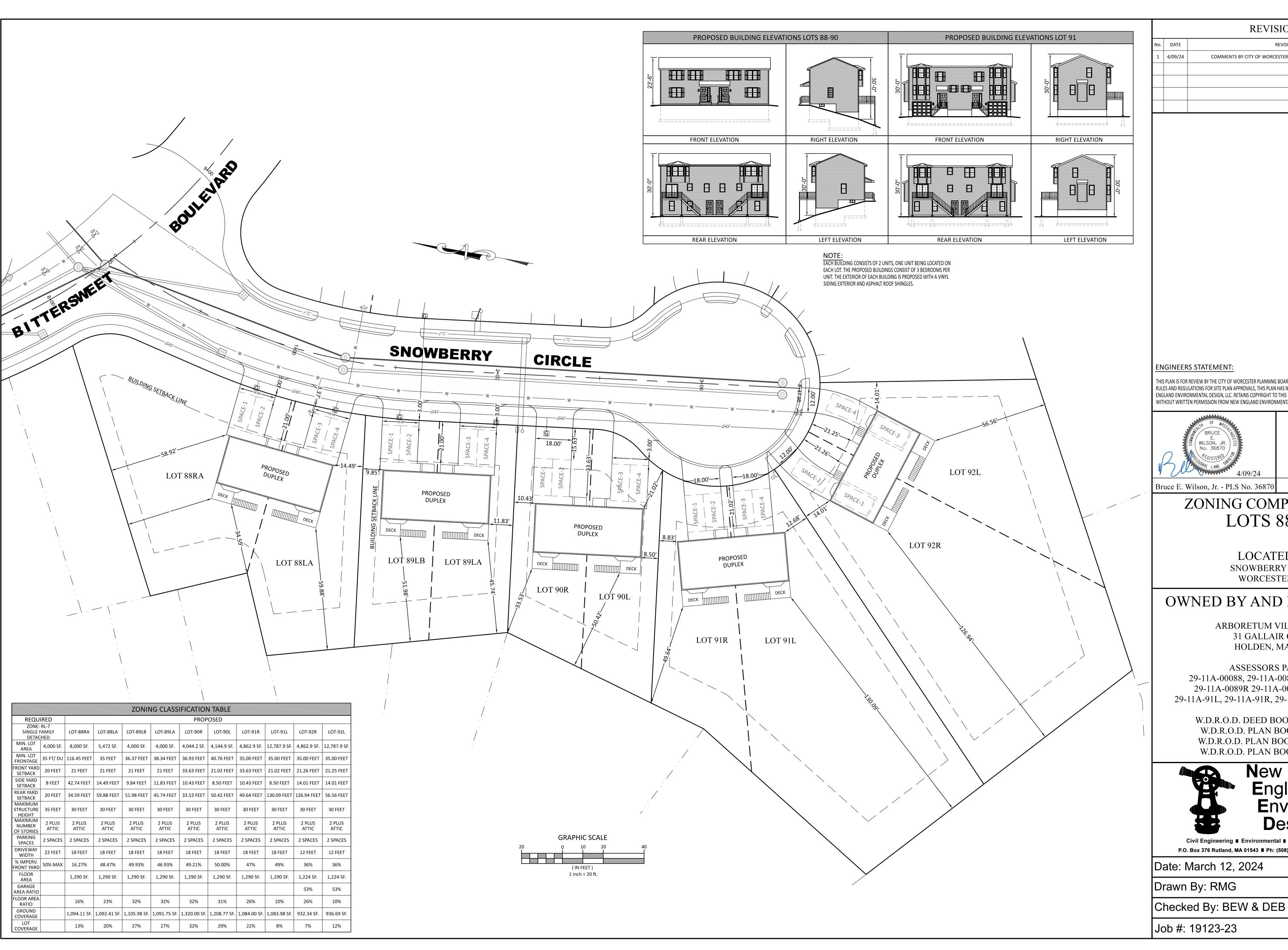
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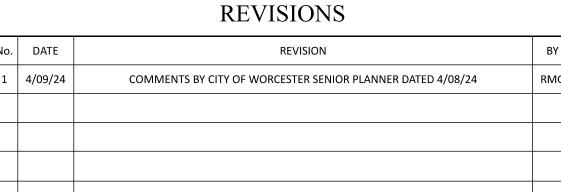
1 of 6 Checked By: BEW & DEB

Job #: 19123-23

SHEET #:







#### **ENGINEERS STATEMENT:**

THIS PLAN IS FOR REVIEW BY THE CITY OF WORCESTER PLANNING BOARD FOR CONFORMANCE WITH THE CITY OF WORCESTER RULES AND REGULATIONS FOR SITE PLAN APPROVALS, THIS PLAN HAS NOT BEEN PREPARED FOR RECORDING PURPOSES. NEW ENGLAND ENVIRONMENTAL DESIGN, LLC. RETAINS COPYRIGHT TO THIS PLAN, AND REUSE OF THIS PLAN IS STRICTLY PROHIBITED WITHOUT WRITTEN PERMISSION FROM NEW ENGLAND ENVIRONMENTAL DESIGN, LLC.





Douglas E. Best - PE No. 29045

Bruce E. Wilson, Jr. - PLS No. 36870

ZONING COMPIANCE PLAN LOTS 88 - 92

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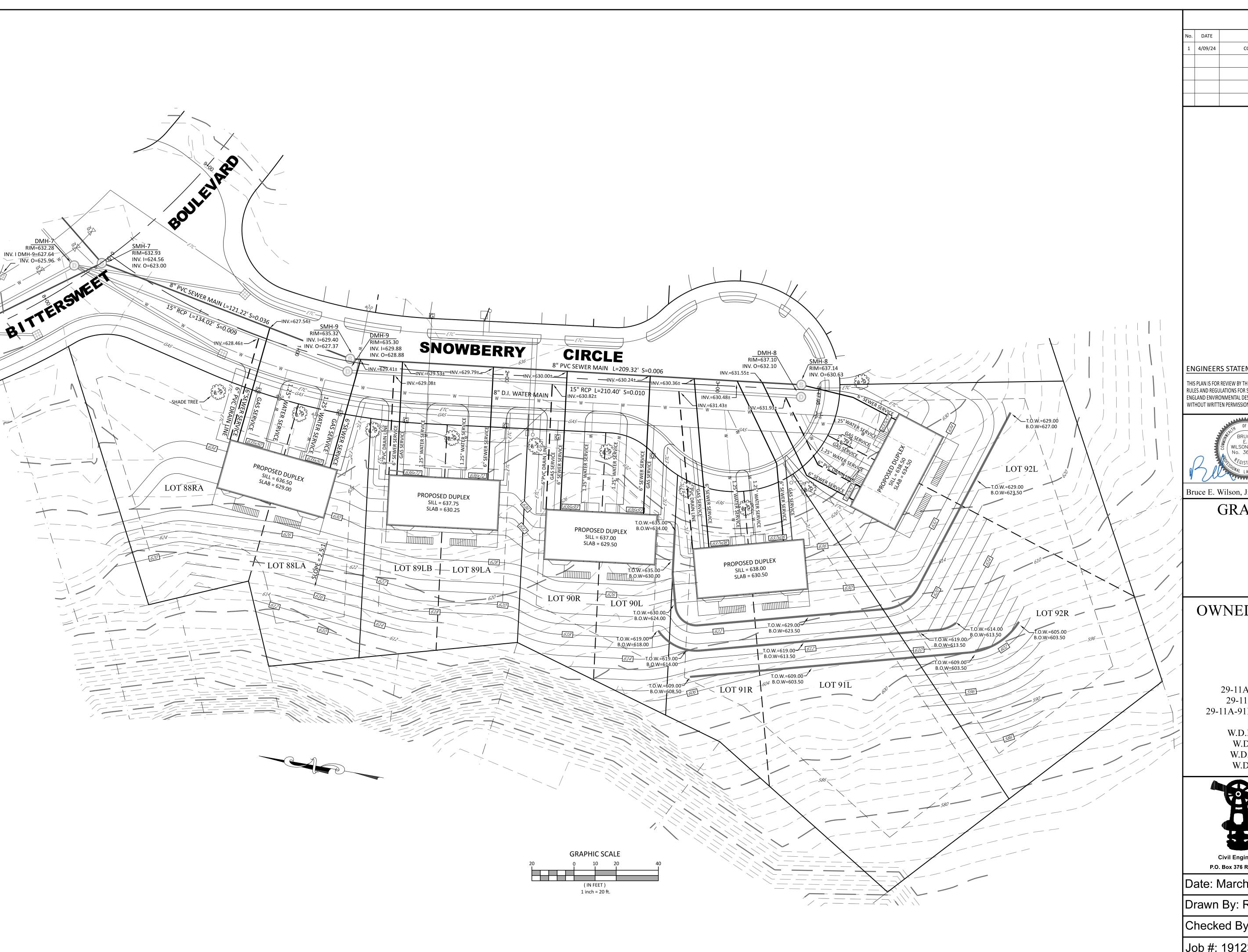
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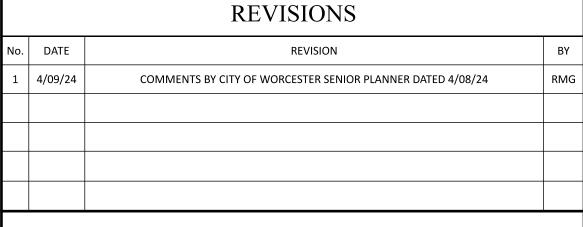
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# GRADING & UTILITY PLAN LOTS 88 - 92

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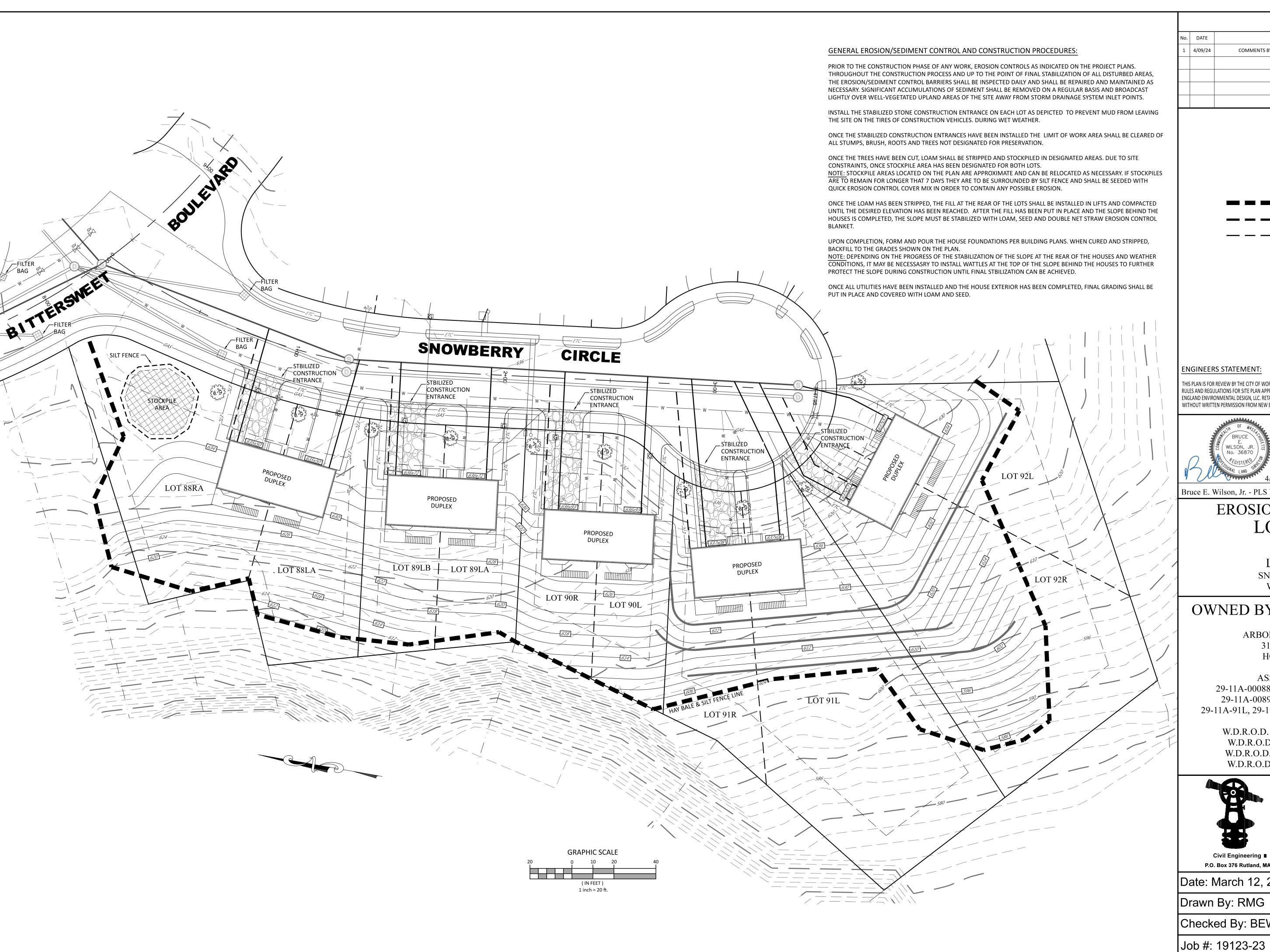
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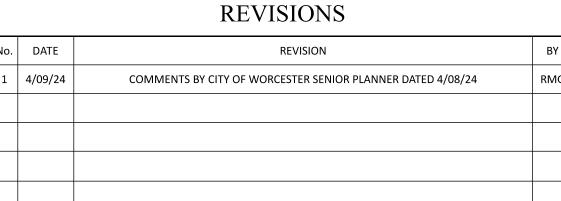
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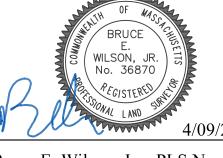
SHEET#: 4 of 6





LEGEND HAY BAIL & SILTFENCE

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EROSION CONTROL PLAN LOTS 88 - 92

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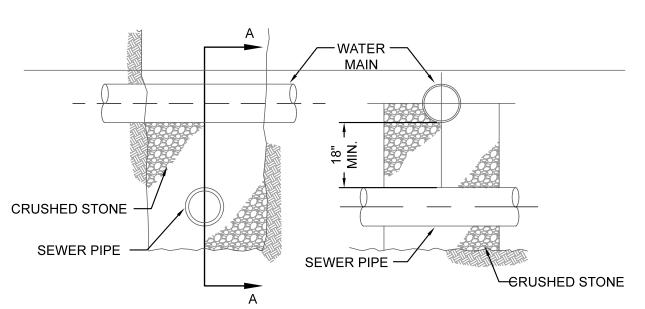
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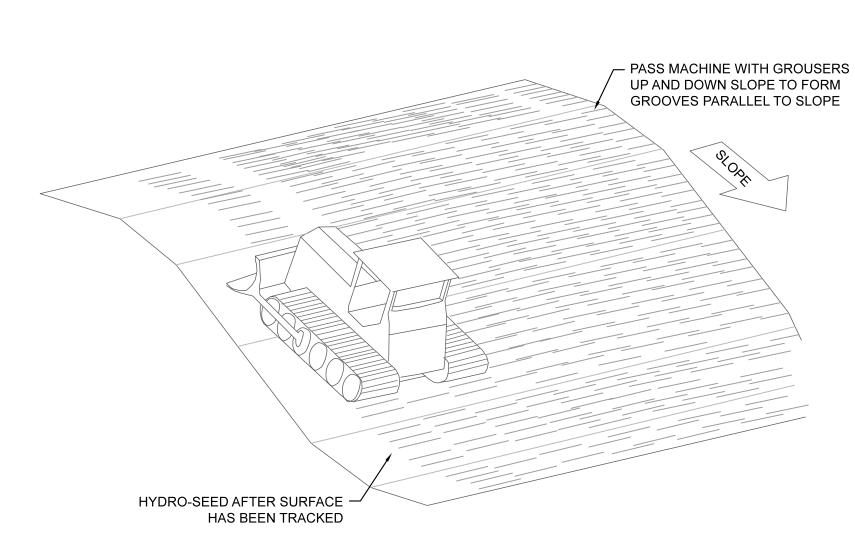
IF THE WATER MAIN AND SEWER LINE CROSS. THEN THE BOTTOM OF THE WATER MAIN SHALL BE AT LEAST 18" ABOVE THE TOP OF THE SEWER LINE. IF NOT THEN THE SEWER LINE SHALL BE CONSTRUCTED OF AWWA PVC PIPE. PIPE INSULATION SHALL BE PROVIDED IF LESS THAN 12".



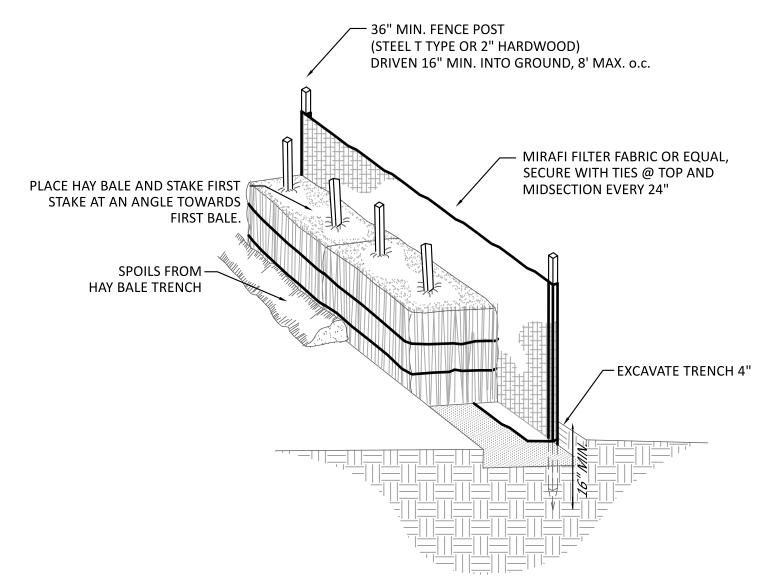
TYPICAL SECTION

SECTION A-A

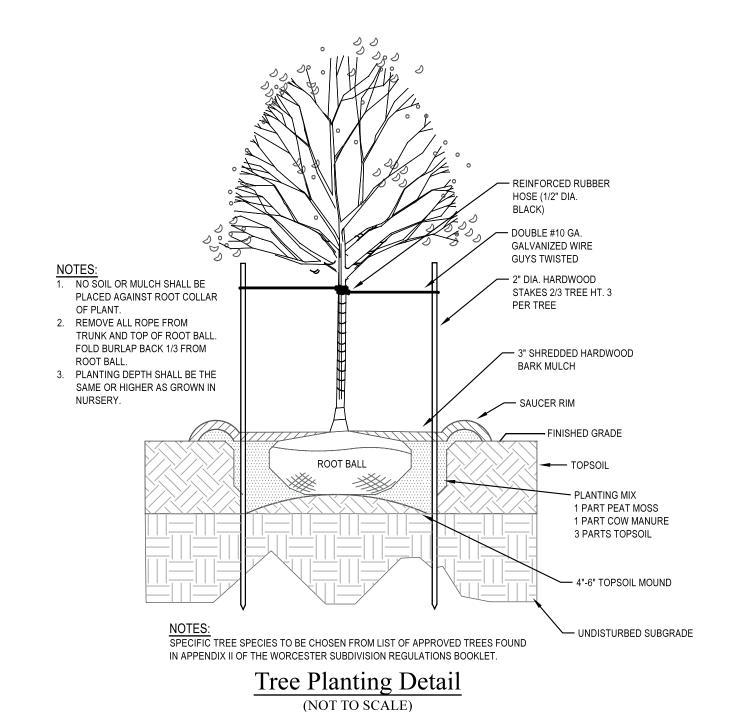
**Utility Crossing Detail** (NOT TO SCALE)

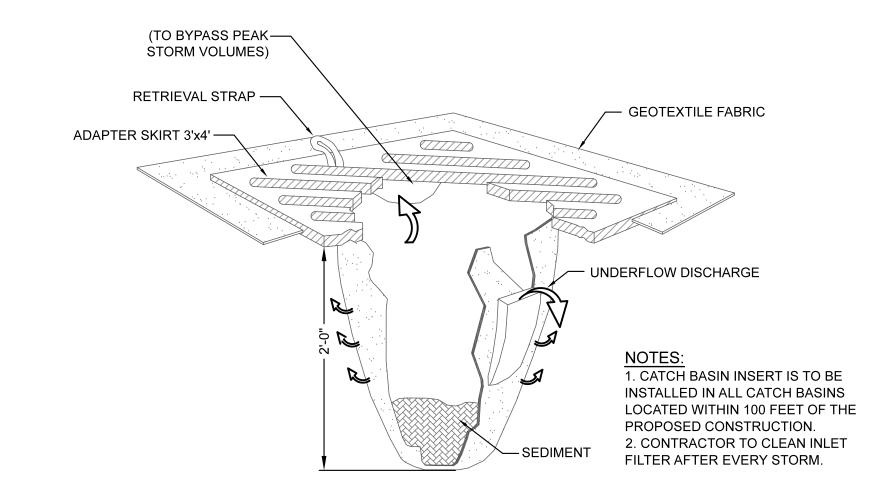


Slope Tracking Detail

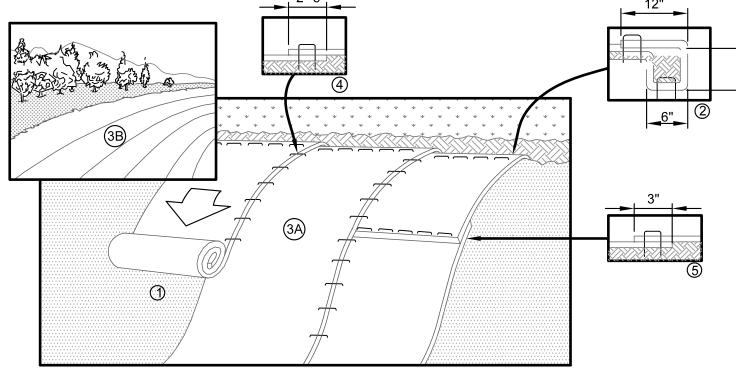


Silt Fence & Hay Bale Detail (NOT TO SCALE)





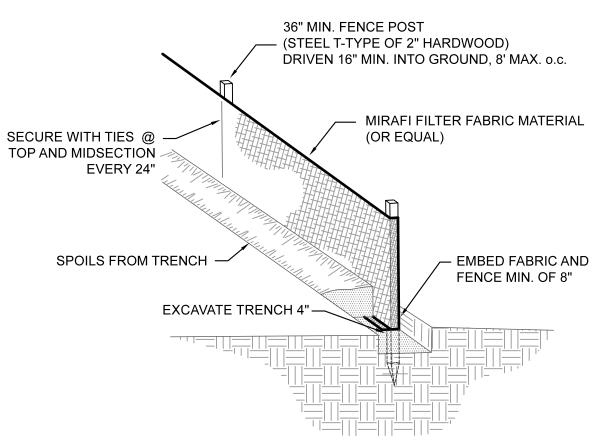
Inlet Filter Detail (NOT TO SCALE)



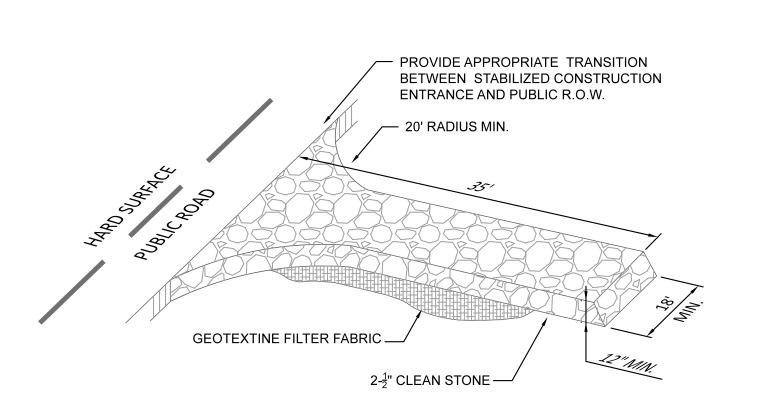
#### SLOPE INSTALLATION

- 1. PREPARE SOIL BEFORE INSTALLING BLANKETS INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER, AND SEED. NOTE: WHEN USING CELL-O-SEED DO NOT SEED PREPARED AREA. CELL-O-SEED MUST BE INSTALLED WITH PAPER SIDE
- 2. BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE BLANKET IN A 6" DEEP x 6" WIDE TRENCH.WITH APPROXIMATELY 12" OF BLANKET EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR THE BLANKET WITH A ROW OF AFTER STAPLING . APPLY SEED TO THE COMPACTED SOIL AND FOLD REMAINING 12" PORTION OF BLANKET BACK OVER SEED AND COMPACTED SOIL. SECURE BLANKET OVER COMPACTED SOIL WITH A ROW OF STAPLES/STAKES SPACED APPROXIMATELY 12" APART ACROSS THE WIDTH OF THE BLANKET.
- 3. ROLL THE BLANKETS (A) DOWN OR (B) HORIZONTALLY ACROSS THE SLOPE. BLANKETS WILL UNROLL WITH APPROPRIATE STAKES IN APPROPRIATE PLACE LOCATIONS AS SHOWN IN THE STAPLE PATTERN GUIDE. WHEN USING OPTIONAL DOT SYSTEM. STAPLES/STAKES SHOULD BE PLACED THROUGH EACH OF THE COLORED DOTS CORRESPONDING TO THE APPROPRIATE STAPLE PATTERN. 4. THE EDGES OF PARALLEL BLANKETS MUST BE STAPLED WITH APPROXIMATELY 2"-5" OVERLAP DEPENDING ON BLANKET
- TYPE. TO ENSURE PROPER SEAM ALIGNMENT, PLACE THE EDGE OF THE OVERLAPPING BLANKET (BLANKET BEING INSTALLED ON TOP) EVEN WITH THE COLORED SEAM STITCH ON THE PREVIOUSLY INSTALLED BLANKET. 5. CONSECUTIVE BLANKETS SPLICED DOWN THE SLOPE MUST BE PLACED END OVER END (SINGLE STYLE) WITH AN APPROXIMATE 3" OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12" APART ACROSS ENTIRE BLANKET

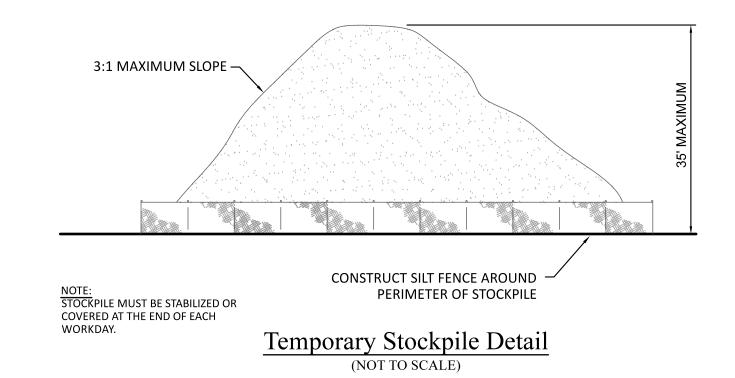
#### **Erosion Control Blanket** (NOT TO SCALE)



Silt Fence Detail (NOT TO SCALE)



Stabilized Construction Entrance (NOT TO SCALE)



# **REVISIONS** REVISION COMMENTS BY CITY OF WORCESTER SENIOR PLANNER DATED 4/08/24

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DETAIL SHEET LOTS 88 - 92

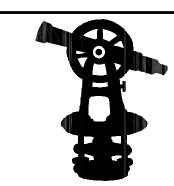
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