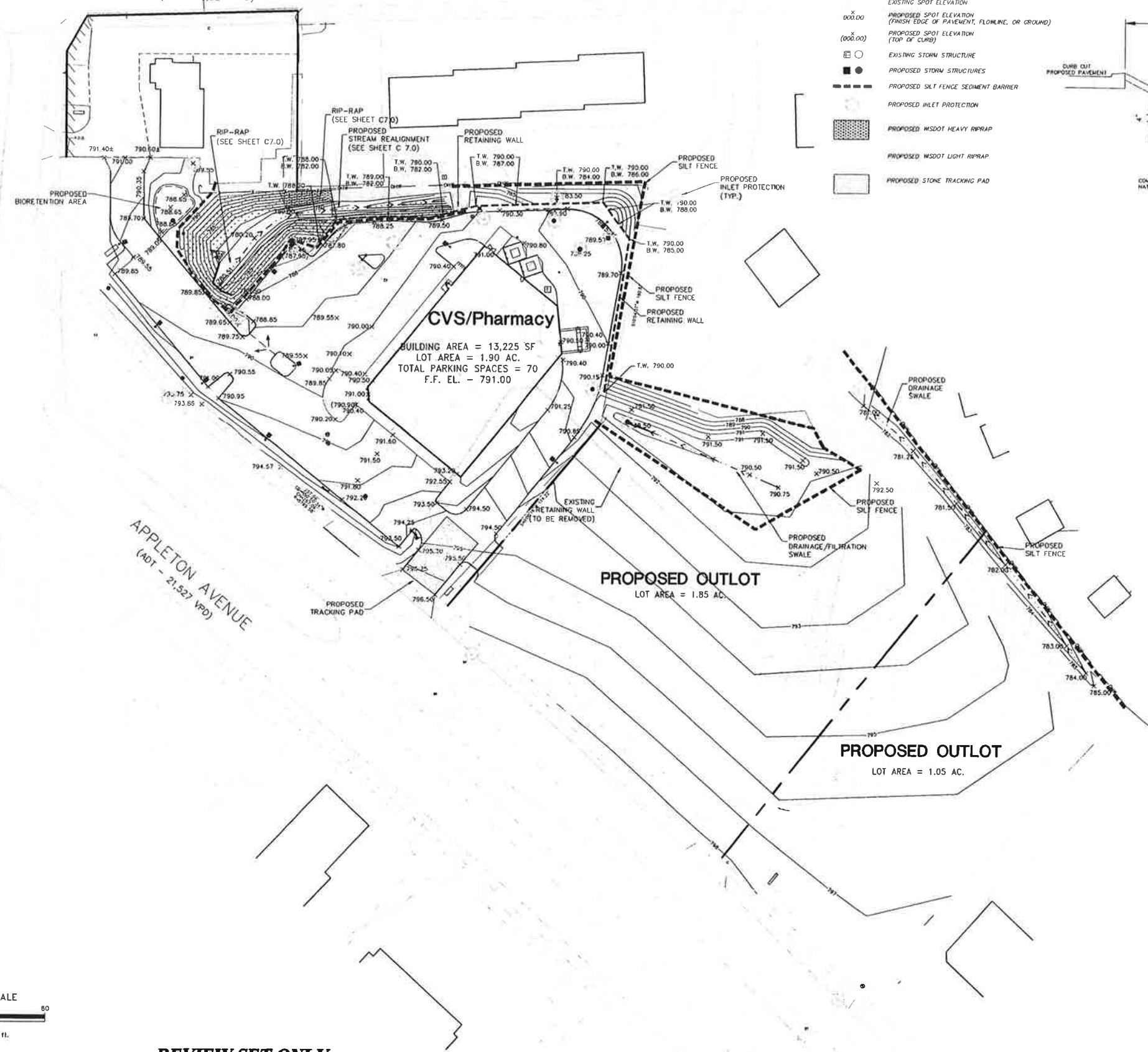


PILGRIM ROAD
(ADT - 14,861 VPD)

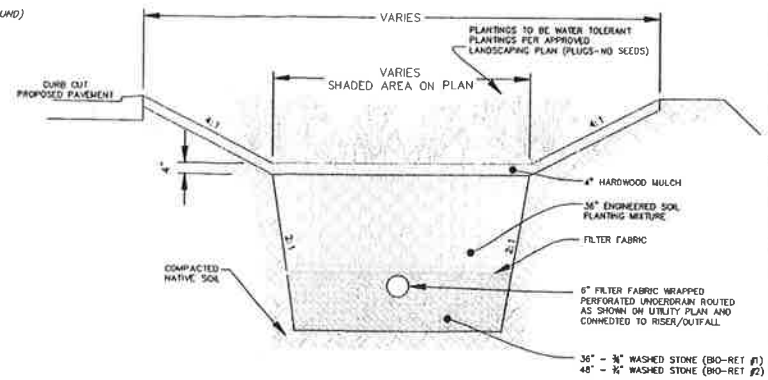
MENOMONEE AVENUE
(ADT - 3,824 VPD)

APPLETON AVENUE
(ADT - 21,527 VPD)



LEGEND

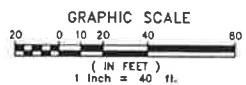
- 790 — PROPOSED CONTOUR LINE
- - - 780 - - - EXISTING CONTOUR LINE
- EXISTING SPOT ELEVATION
- X 000.00 PROPOSED SPOT ELEVATION (FINISH EDGE OF PAVEMENT, FLOWLINE, OR GROUND)
- X (000.00) PROPOSED SPOT ELEVATION (TOP OF CURB)
- EXISTING STRUCTURE
- PROPOSED STORM STRUCTURES
- PROPOSED SILT FENCE SEDIMENT BARRIER
- PROPOSED INLET PROTECTION
- PROPOSED MSDOT HEAVY RIPRAP
- PROPOSED MSDOT LIGHT RIPRAP
- PROPOSED STONE TRACKING PAD



- BIORETENTION NOTES:**
- SURFACE MULCH LAYER: SHREDDED HARDWOOD MULCH OR CHIPS, Aged a minimum of 12 months shall be placed on the surface of the bioretention area. The mulch shall be free of foreign material, including other plant material.
 - ENGINEERED SOIL PLANTING BED: THE SURFACE SLOPE OF THE DEVICE SHALL NOT EXCEED 1%. THE SOIL SHALL BE ENGINEERED TO THE FOLLOWING SPECIFICATIONS:
 - THE PLANTING MIXTURE SHALL CONSIST OF A MIXTURE OF SAND, COMPOST AND TOPSOIL. THE MIX SHALL BE DESIGNED TO APPROXIMATE 40% SILICA SAND, 30% TOPSOIL, 10% LOAM TEXTURE TO 30% IF SANDY LOAM OR LOAMY SAND TEXTURE. 30%-40% COMPOST. NOTE: THIS MIXTURE MEETS THE EQUIVALENCY REQUIREMENTS OF S. NR 151.12(5)(2)S.1, WIS. ADM. CODE.
 - THE SILICA SAND COMPONENT SHALL BE USDA COARSE SAND (0.075 TO 0.04 INCH DIAMETER), FREE-BLENDED TO REMOVE CLAY AND SILT PARTICLES, AND WELL-DRAINED OR DRY PRIOR TO MIXING. CALCIUM CARBONATED, DOLOMITIC SAND, AND OTHER SUBSTITUTES ARE NOT ALLOWED.
 - THE TOPSOIL COMPONENT SHALL BE A USDA CLASSIFIED SANDY LOAM, LOAMY SAND OR LOAM TEXTURE. THE TOPSOIL COMPONENT TEXTURAL CLASS SHALL BE VERIFIED BY A LABORATORY ANALYSIS OF A PROFESSIONAL ACCEPTABLE TO THE JURISDICTION HAVING AUTHORITY.
 - THE COMPOST COMPONENT SHALL MEET THE REQUIREMENTS OF WISCONSIN DEPARTMENT OF NATURAL RESOURCES SPECIFICATION 5100, COMPOST.
 - THE ENGINEERED SOIL MIX SHALL BE FREE OF ROCKS, STUMPS, ROOTS, BRUSH OR OTHER MATERIAL OVER 1 INCH IN DIAMETER. NO OTHER MATERIALS SHALL BE MIXED WITH THE PLANTING SOIL THAT MAY BE HARMFUL TO PLANT GROWTH OR PROVIDE A HINDRANCE TO PLANTING OR MAINTENANCE.
 - THE ENGINEERED SOIL MIX SHALL HAVE A PH BETWEEN 5.5 AND 6.5.
 - THE ENGINEERED SOIL MIX SHALL HAVE ADEQUATE NUTRIENT CONTENT TO MEET PLANT GROWTH REQUIREMENTS.
 - STORAGE LAYER: THE GRAVEL SHALL MEET THE COARSE AGGREGATE #2 AND OTHER SPECIFICATIONS OF WISCONSIN STANDARDS AND SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION, SECTION 501.2.5, 2003 EDITION, OR AN EQUIVALENT AS APPROVED BY THE ADMINISTERING AUTHORITY. GRAVEL SHALL BE DOUBLE-WASHED. A LAYER OF SAND MAY BE USED IN LIEU OF GRAVEL TO FORM THE STORAGE LAYER. THE SAND SHALL BE WASHED QUARTZ OR SILICA SAND PARTICLES SHALL BE 0.02 TO 0.04 INCHES IN DIAMETER (USDA COARSE SAND). CALCIUM CARBONATED, DOLOMITIC SAND, AND OTHER SUBSTITUTES ARE NOT ALLOWED.

BIORETENTION AREA TYPICAL SECTION
NO SCALE

NOTE:
ALL WATER FROM CONSTRUCTION DE-WATERING SHALL BE TREATED IN ACCORDANCE WITH WDNR TECHNICAL STANDARD 1061 PRIOR TO DISCHARGE TO WATERS OF THE STATE, WETLANDS, OR OFFSITE.



REVIEW SET ONLY - NOT FOR CONSTRUCTION

DESCRIPTION	DATE	REVISION
REVISED PER VILLAGE COMMENTS	06/23/10	
REVISED PER MONR/VILLAGE COMMENTS	10/22/10	
<p>R.A. Smith National Beyond Surveying and Engineering</p> <p>15746 W. Bluemound Road, Brookfield WI 53005-5933 262-781-1000 Fax: 262-781-8466, www.ra-smith.com</p>		
<p>CVS/PHARMACY MENOMONEE FALLS, WI</p> <p>GRADING AND EROSION CONTROL PLAN</p>		
<p>© COPYRIGHT 2008 R.A. Smith National, Inc.</p> <p>DATE: 06/23/10</p> <p>SCALE: 1" = 40'</p> <p>JOB NO 3080492</p> <p>PROJECT MANAGER: ROBERT J. HARLEY, P.E.</p> <p>DESIGNED BY: JAH</p> <p>CHECKED BY: RJH</p> <p>SHEET NUMBER C 3.0</p>		
<p>DEVELOPER: GB WISCONSIN 2, LLC 800 EAST 96TH STREET SUITE 150 INDIANAPOLIS, INDIANA 46240 TEL 317/819-0117 FAX 317/574-7336</p>		
<p>CVS/pharmacy LEFT HAND - 13,225</p> <p>SCOPE NUMBER: 52344</p> <p>APPLETON AVE. & PILGRIM RD.(NEC) MENOMONEE FALLS, WI</p>		

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