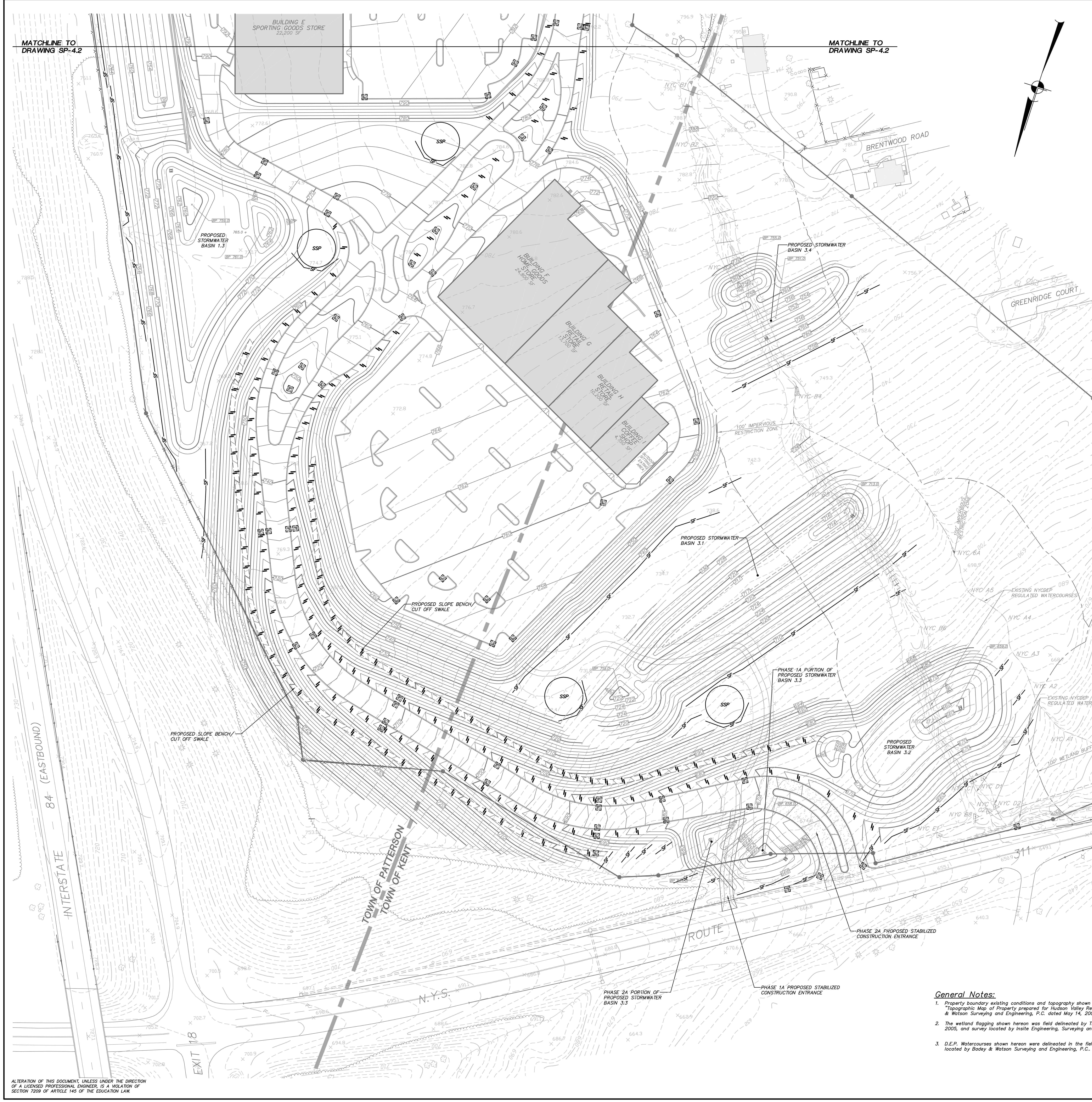


Sedimentation & Erosion Control Notes:

1. All soil erosion and sediment control practices shall be installed in accordance with N.Y.S. Standards and Specifications for Erosion and Sediment Control, latest edition.
2. Wherever feasible, natural vegetation should be retained and protected. Note that clearing and grubbing is to be done in phases Construction Sequence for details.
3. When land is exposed during development, the exposure shall be kept to the shortest practical period of time. Any exposed land that is not subject to further disturbance shall be seeded and mulched within 7 days, as per the Town of Patterson's requirements, in accordance with Note #6.
4. Silt fence shall be installed as shown on drawing prior to beginning of any clearing and grubbing or earthwork.
5. All topsoil to be stripped from the area being developed shall be stockpiled and immediately seeded with K-31 Perennial Tall Fescue between April 1 and October 15— other times of year stockpile to be mulched.
6. Any graded areas not subject to further disturbance or construction traffic shall, within 10 days of final grading, receive permanent vegetation cover in combination with a suitable mulch. All seeded areas to receive a minimum 4" topsoil (from stockpile area) and be seeded and mulched as follows:
   - Seed mixture to be planted between April 1 and May 15, or between August 15 and October 15 or as directed by project representative at a rate of 50 pounds per acre in the following proportions:

Kentucky Bluegrass	20%	Perennial Ryegrass	20%
Creeping Red Fescue	40%	Annual Ryegrass	20%

   - Mulch: Salt hay or small grain straw applied at a rate of 90 lbs./1000 S.F. or 2 tons/acre, to be applied and anchored according to New York—Guidelines for Urban Erosion & Sediment Control, latest edition.
7. Grass seed mix may be applied by either mechanical or hydroseeding methods. Hydroseeding shall be performed in accordance with the current edition of the NYSDOT Standard Specification, Construction and Materials, Section 610—3.02, Method No. 1.
8. Cut or fill slopes steeper than 3:1 shall be seeded & mulched within 2 days after grading. Whenever possible for fill sections the slopes shall be mulched or rip rapped as the work proceeds.
9. Paved roadways shall be kept clean at all times.
10. The site shall at all times be graded and maintained such that all stormwater runoff is diverted to soil erosion and sediment control facilities.
11. All storm drainage outlets shall be stabilized, as required, before the discharge points become operational.
12. Sedimentation and erosion control measures shall be inspected and maintained on a daily basis by owner's field representative (O.F.R.) to insure that channels, temporary and permanent ditches and pipes are clear of debris, that embankments and berms have not been breached and that all straw bales and silt fences are intact. Any failure of sediment and erosion control measures shall be repaired by the contractor within 24 hours and inspected for approval by the O.F.R. and/or site engineer.
13. Dust shall be controlled by sprinkling or other approved methods as necessary, or as directed by the O.F.R.
14. Cut and fills shall not endanger adjoining property, nor divert water onto the property of others.
15. All fills shall be compacted to provide stability of material and to prevent settlement.
16. The O.F.R. shall inspect downstream conditions for evidence of sedimentation on a weekly basis and after rainstorms.
17. As warranted by field conditions, special additional sedimentation and erosion control measures, as specified by the site engineer and/or Town engineer shall be installed by the contractor.
18. Contractor shall forward biweekly construction schedules to the O.F.R. and NYCDEP.
19. Pumps shall be used as necessary to dewater the Temporary Sediment Basins. The Contractor shall monitor the weather forecast continuously and shall pump the basins to an upland stable area if greater than 1" of rainfall is forecast.

LEGEND

Property Line	Existing Catch Basin
Existing 2' Contour	Existing Well
Existing 10' Contour	Proposed Well
Existing Spot Grade	Existing Sewer Easement
Existing Stone Wall	Proposed Building
Existing Vegetation Line	Proposed Curb
Existing Vegetation	Proposed Concrete Sidewalk
Existing Tree Line	Proposed Catch Basin with Inlet Protection
Existing Dirt Trail	Proposed HDPE Drainage Pipe (15" ø unless noted otherwise)
Existing Wetland Designation	Proposed End Section
Existing Wetland Limit	Proposed Rip Rap Apron
Existing Watercourse	Proposed Silt Fence
100' Wetland Buffer	Proposed Double Silt Fence
Existing Fences	Proposed Stone Check Dam
Existing Building	Proposed Stabilized Construction Entrance
Existing Utility Pole	Proposed Soil Stockpile
Existing Drainage Pipe	

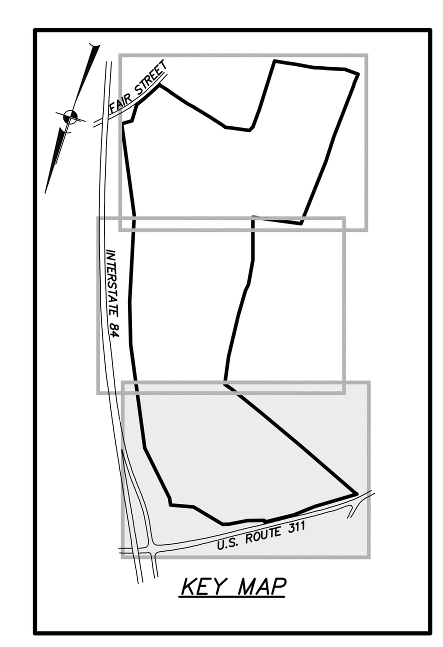
GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)
1 inch = 50 ft.

General Notes:

1. Property boundary existing conditions and topography shown hereon taken from survey entitled "Topographic Map of Property prepared for Hudson Valley Realty Corporation" prepared by Badey & Watson Surveying and Engineering, P.C. dated May 14, 2001.
2. The wetland flagging shown hereon was field delineated by Tim Miller Associates, Inc. on May 10, 2005, and survey located by Insite Engineering, Surveying and Landscape Architecture,
3. D.E.P. Watercourses shown hereon were delineated in the field by the N.Y.C.D.E.P. and survey located by Badey & Watson Surveying and Engineering, P.C..



KEY MAP

ALTERATION OF THIS DOCUMENT, UNLESS UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, IS A VIOLATION OF SECTION 7209 OF ARTICLE 145 OF THE EDUCATION LAW.

NO.	DATE	REVISION	BY
1	3-24-06	REVISED PER DEIS COMMENTS	RCS

INSITE
ENGINEERING, SURVEYING & LANDSCAPE ARCHITECTURE, P.C.
3 Garrett Place
Carmel, NY 10512
(845) 225-9690
(845) 225-9717 fax
www.insite-eng.com

PROJECT:

PATTERSON CROSSING

N.Y.S. ROUTE 311, TOWNS OF PATTERSON & KENT, PUTNAM COUNTY, NEW YORK

DRAWING:

SEDIMENT & EROSION CONTROL PLAN

PROJECT NO.	01124.100	PROJECT MANAGER	J.J.C.	DRAWING NO.	SHEET
DATE	8-8-05	DRAWN BY	R.C.S.	SP-4.2	11 / 19
SCALE	1" = 50'	CHECKED BY			