SITE PLAN

RAYMOND PARK

TAX MAP 2 LOTS 5-59, 5-68, 5-71, 5-73, 5-74

419 MAMMOTH ROAD

PELHAM, NEW HAMPSHIRE

RESOURCE LIST

PELHAM PLANNING DEPARTMENT
6 VILLAGE GREEN
PELHAM, NH 03076
(603) 635-7811
JEFF GOWAN, PLANNING DIRECTOR
JENNIFER HOVEY, PLANNING ASSISTANT
SANDRA KINSLEY, CODE ENFORCEMENT ADMINISTRATIVE ASST.

PELHAM ZONING BOARD OF ADJUSTMENT
6 VILLAGE GREEN
PELHAM, NH 03076
(603) 635-7811
PETER McNAMARA, CHAIR

PELHAM POLICE DEPARTMENT
14 VILLAGE GREEN
PELHAM, NH 03076
(603) 635-2411
CHIEF EVAN HAGLUND

PELHAM FIRE DEPARTMENT
65 OLD BRIDGE ST NORTH
P.O. BOX 321
PELHAM, NH 03076
(603) 635-2703
CHIEF E. DAVID FISHER
ASSISTANT CHIEF RAYMOND J. CASHMAN SR.

ELECTRIC
GRANITE STATE ELECTRIC CO.
CONNECTUTILITIES, INC.
7117 FLORIDA BLVD.
BATON ROUGE, LA 70806

TELEPHONE
VERIZON COMMUNICATIONS
100 DAY STREET
MANCHESTER, NH 03103
(603) 645-2713
BETTY HACKETT

ABUTTERS

MAP 2, LOT 5-28
BRENDA BROX, MATTHEW MANNING,
KENNETH & PAUL GILL
1080 MAMMOTH ROAD
DRACUT, MA. 01826

MAP 2, LOT 5-57
TYNCO REALTY, LLC
108 ALSACE STREET
MANCHESTER, NH 03102

MAP 2, LOT 5-58
NORMAN & JOYCE COOMBS
415 MAMMOTH ROAD
PELHAM, NH 03076

MAP 2, LOT 5-60
ALAN T. & ELAINE M. MARCUM
425 MAMMOTH ROAD
PELHAM, NH 03076

MAP 2, LOT 5-66
AMY & DENNIS L'HEUREUX
27 KEYES HILL ROAD
PELHAM, NH 03076

MAP 2, LOT 5-67
RICHARD D. BECOTTE et al.
31 KEYES HILL ROAD
PELHAM, NH 03076

MAP 2, LOT 5-69
TOWN OF PELHAM
6 VILLAGE GREEN
PELHAM, NH 03076

MAP 2, LOT 5-71
TOWN OF PELHAM
6 VILLAGE GREEN
PELHAM, NH 03076

MAP 2, LOT 5-72
GAIL HEIMBACK & SUSAN WHITNEY et al.
44 GIBSON ROAD
HUDSON, NH 03051

MAP 2, LOT 5-73
TOWN OF PELHAM
6 VILLAGE GREEN
PELHAM, NH 03076

MAP 2, LOT 5-74
TOWN OF PELHAM
6 VILLAGE GREEN
PELHAM, NH 03076

MAP 2, LOT 5-75-1
ROBERT P. MCGRATH JR.
45 KEYES HILL ROAD
PELHAM, NH 03076

MAP 2, LOT 5-75-2
KEYES HILL REALTY TRUST
47 KEYES HILL ROAD
PELHAM, NH 03076

MAP 2, LOT 5-75-3
KEYES HILL REALTY TRUST
47 KEYES HILL ROAD
PELHAM, NH 03076

MAP 2, LOT 5-75-4
KEYES HILL REALTY TRUST
47 KEYES HILL ROAD
PELHAM, NH 03076

MAP 2, LOT 5-75-7
KEYES HILL REALTY TRUST
47 KEYES HILL ROAD
PELHAM, NH 03076

MAP 2, LOT 5-88
CHRISTOPHER SHAY et al.
34 KEYES HILL ROAD
PELHAM, NH 03076

MAP 2, LOT 5-88-1
SUSAN TILBERT
36 KEYES HILL ROAD
PELHAM, NH 03076

MAP 2, LOT 5-90
CAROL MANTHORNE
30 KEYES HILL ROAD
PELHAM, NH 03076

MAP 2, LOT 5-91
DAWN M. HOLDSWORTH
28 KEYES HILL ROAD
PELHAM, NH 03076

MAP 2, LOT 5-92
JOHN & DALE BEGLEY
1 CASTLE HILL ROAD
PELHAM, NH 03076

MAP 2, LOT 5-93
TOWN OF PELHAM
6 VILLAGE GREEN
PELHAM, NH 03076

MAP 2, LOT 5-146
DONNA WIEGMANN et al.
4 CASTLE HILL ROAD
PELHAM, NH 03076

MAP 2, LOT 5-147
JOSEPH P. & NANCY R. HOULNE
19 KEYES HILL ROAD
PELHAM, NH 03076

MAP 3, LOT 5-29
HENRY MAHEU
P.O. BOX 238
PELHAM, NH 03076

MAP 6, LOT 4-169
WALTER & HELEN REMEIS REV. TRUST
50 GIBSON ROAD
HUDSON, NH 03051

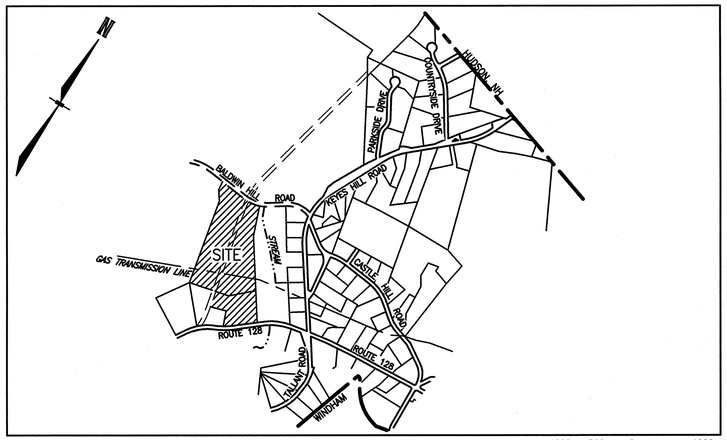
MAP 6, LOT 4-170
J. ALBERT LYNCH JR.
20 ROOSEVELT AVENUE APT. 24
HUDSON, NH 03051

MAP 6, LOT 4-171
DENYSE L. MERULLO
S. ENTERPRISE DRIVE
SALEM, NH 03079

MAP 6, LOT 5-72-1
PERTER & KRISTIE REMEIS
1 MAPLE AVENUE
HUDSON, NH 03051

OWNER

MAP 2 LOTS 5-59, 5-68
TOWN OF PELHAM
6 VILLAGE GREEN
PELHAM, NH 03076



VICINITY PLAN

1000 500 0 1000
SCALE: 1"=1000'

INDEX OF SHEETS

PERMITS/APPROVALS

	SUBMITTED	APPROVED	EXPIRES	NUMBER
NHDES SITE SPECIFIC				
NHDES SEPTIC				
NHDOT DRIVEWAY				
TOWN SITE PLAN				

PREPARED FOR

TOWN OF PELHAM
6 VILLAGE GREEN
PELHAM, NH 03076

PROGRESS PRINT
DECEMBER 11, 2006

TAX MAP 2 LOTS 5-59, 5-68, 5-71, 5-73, 5-74
COVER SHEET
RAYMOND PARK
419 MAMMOTH ROAD
PELHAM, NH
OWNED BY AND PREPARED FOR
TOWN OF PELHAM
6 VILLAGE GREEN, PELHAM, NH 03076
SCALE: AS NOTED **MAY 25, 2006**

REV.	DATE	DESCRIPTION	DR	CK

TFM
Civil Engineers
Structural Engineers
Traffic Engineers
Land Surveyors
Landscape Architects
48 Constitution Drive
Bedford, NH 03110
Phone (603) 472-4488
Fax (603) 472-9747
www.tfmoran.com
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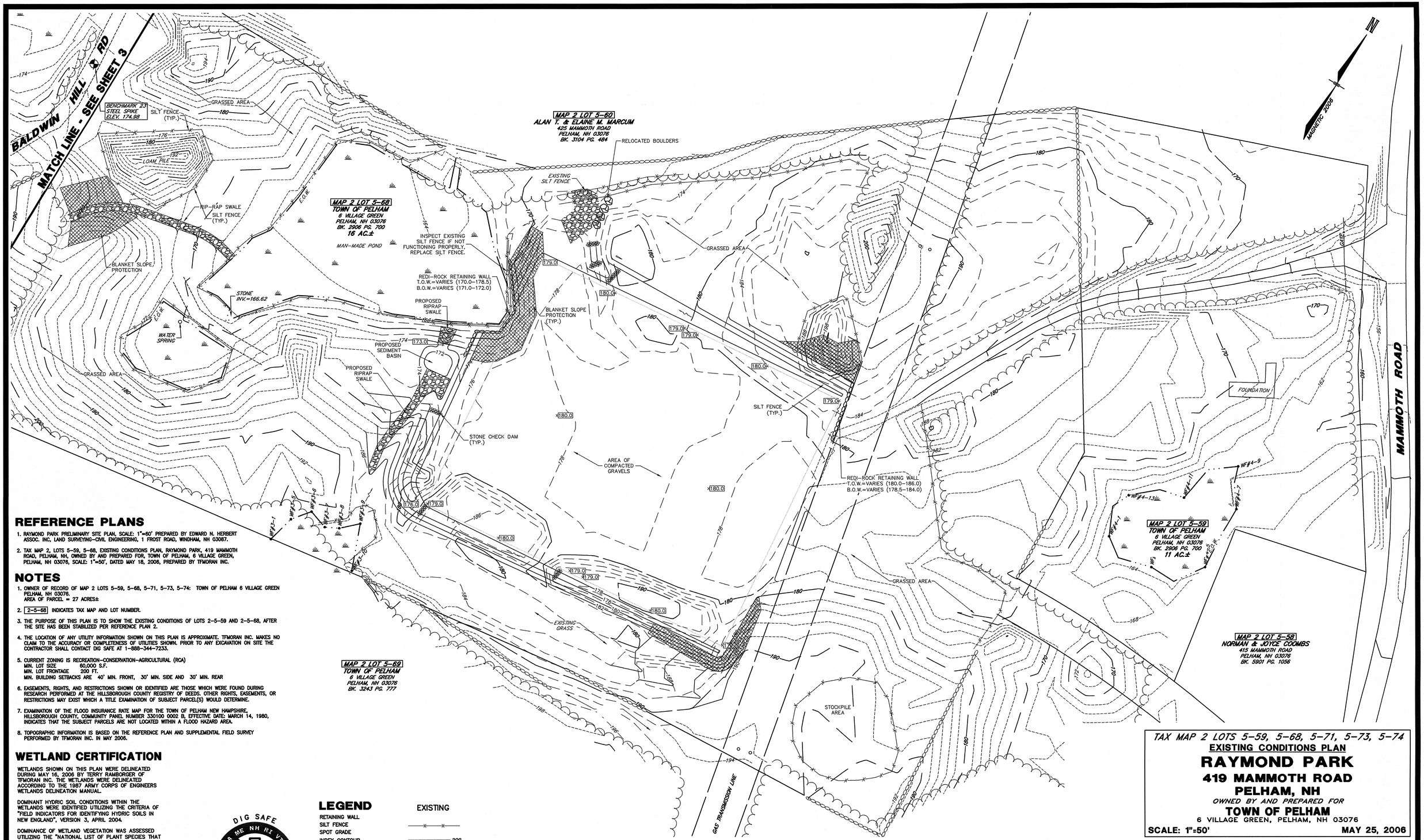
FILE	17265.00	DR	AKF	FB	–	SHEET 1 OF 13
		CK	JK	CADFILE	17265-00 Details	



REFERENCE PLANS

1. RAYMOND PARK PRELIMINARY SITE PLAN, SCALE: 1"=60' PREPARED BY EDWARD N. HERBERT ASSOC. INC, LAND SURVEYING-CIVIL ENGINEERING, 1 FROST ROAD, WINDHAM, NH 03087.
2. TAX MAP 2, LOTS 5-59, 5-68, EXISTING CONDITIONS PLAN, RAYMOND PARK, 419 MAMMOTH ROAD, PELHAM, NH, OWNED BY AND PREPARED FOR, TOWN OF PELHAM, 6 VILLAGE GREEN, PELHAM, NH 03076, SCALE: 1"=50', DATED MAY 18, 2006, PREPARED BY TFMORAN INC.

NOTES

1. OWNER OF RECORD OF MAP 2 LOTS 5-59, 5-68, 5-71, 5-73, 5-74: TOWN OF PELHAM 6 VILLAGE GREEN PELHAM, NH 03076.
   AREA OF PARCEL = 27 ACRES±
2. 2-5-68 INDICATES TAX MAP AND LOT NUMBER.
3. THE PURPOSE OF THIS PLAN IS TO SHOW THE EXISTING CONDITIONS OF LOTS 2-5-59 AND 2-5-68, AFTER THE SITE HAS BEEN STABILIZED PER REFERENCE PLAN 2.
4. THE LOCATION OF ANY UTILITY INFORMATION SHOWN ON THIS PLAN IS APPROXIMATE. TFMORAN INC. MAKES NO CLAIM TO THE ACCURACY OR COMPLETENESS OF UTILITIES SHOWN. PRIOR TO ANY EXCAVATION ON SITE THE CONTRACTOR SHALL CONTACT DIG SAFE AT 1-888-344-7233.
5. CURRENT ZONING IS RECREATION-CONSERVATION-AGRICULTURAL (RCA)
   MIN. LOT SIZE 60,000 S.F.
   MIN. LOT FRONTAGE 200 FT.
   MIN. BUILDING SETBACKS ARE 40' MIN. FRONT, 30' MIN. SIDE AND 30' MIN. REAR
6. EASEMENTS, RIGHTS, AND RESTRICTIONS SHOWN OR IDENTIFIED ARE THOSE WHICH WERE FOUND DURING RESEARCH PERFORMED AT THE HILLSBOROUGH COUNTY REGISTRY OF DEEDS. OTHER RIGHTS, EASEMENTS, OR RESTRICTIONS MAY EXIST WHICH A TITLE EXAMINATION OF SUBJECT PARCEL(S) WOULD DETERMINE.
7. EXAMINATION OF THE FLOOD INSURANCE RATE MAP FOR THE TOWN OF PELHAM NEW HAMPSHIRE, HILLSBOROUGH COUNTY, COMMUNITY PANEL NUMBER 330100 0002 B, EFFECTIVE DATE: MARCH 14, 1980, INDICATES THAT THE SUBJECT PARCELS ARE NOT LOCATED WITHIN A FLOOD HAZARD AREA.
8. TOPOGRAPHIC INFORMATION IS BASED ON THE REFERENCE PLAN AND SUPPLEMENTAL FIELD SURVEY PERFORMED BY TFMORAN INC. IN MAY 2006.

WETLAND CERTIFICATION

WETLANDS SHOWN ON THIS PLAN WERE DELINEATED DURING MAY 16, 2006 BY TERRY RAMBORGER OF TFMORAN INC. THE WETLANDS WERE DELINEATED ACCORDING TO THE 1987 ARMY CORPS OF ENGINEERS WETLANDS DELINEATION MANUAL.

DOMINANT HYDRIC SOIL CONDITIONS WITHIN THE WETLANDS WERE IDENTIFIED UTILIZING THE CRITERIA OF "FIELD INDICATORS FOR IDENTIFYING HYDRIC SOILS IN NEW ENGLAND", VERSION 3, APRIL 2004.

DOMINANCE OF WETLAND VEGETATION WAS ASSESSED UTILIZING THE "NATIONAL LIST OF PLANT SPECIES THAT OCCUR IN WETLANDS: 1988 NORTHEAST" (REGION 1) (PORTER B. REED, JR.)

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LEGEND

	EXISTING
RETAINING WALL	
SILT FENCE	-x-x-
SPOT GRADE	
INDEX CONTOUR	200
INTERMEDIATE CONTOUR	202
EDGE OF WETLAND	E.O.W.
BROOK, STREAM OR RIVER	
STONEWALL (BOUNDARY)	
STONEWALL (INTERIOR)	
LIMITS OF CLEARING / TREELINE	
DRAINAGE FLOW	
RIP-RAP	

PROGRESS PRINT
DECEMBER 11, 2006

50 25 0 50
Graphic Scale

REV.	DATE	DESCRIPTION	DR.	CK.

TAX MAP 2 LOTS 5-59, 5-68, 5-71, 5-73, 5-74

EXISTING CONDITIONS PLAN

RAYMOND PARK

419 MAMMOTH ROAD
PELHAM, NH

OWNED BY AND PREPARED FOR

TOWN OF PELHAM
6 VILLAGE GREEN, PELHAM, NH 03076

SCALE: 1"=50' **MAY 25, 2006**

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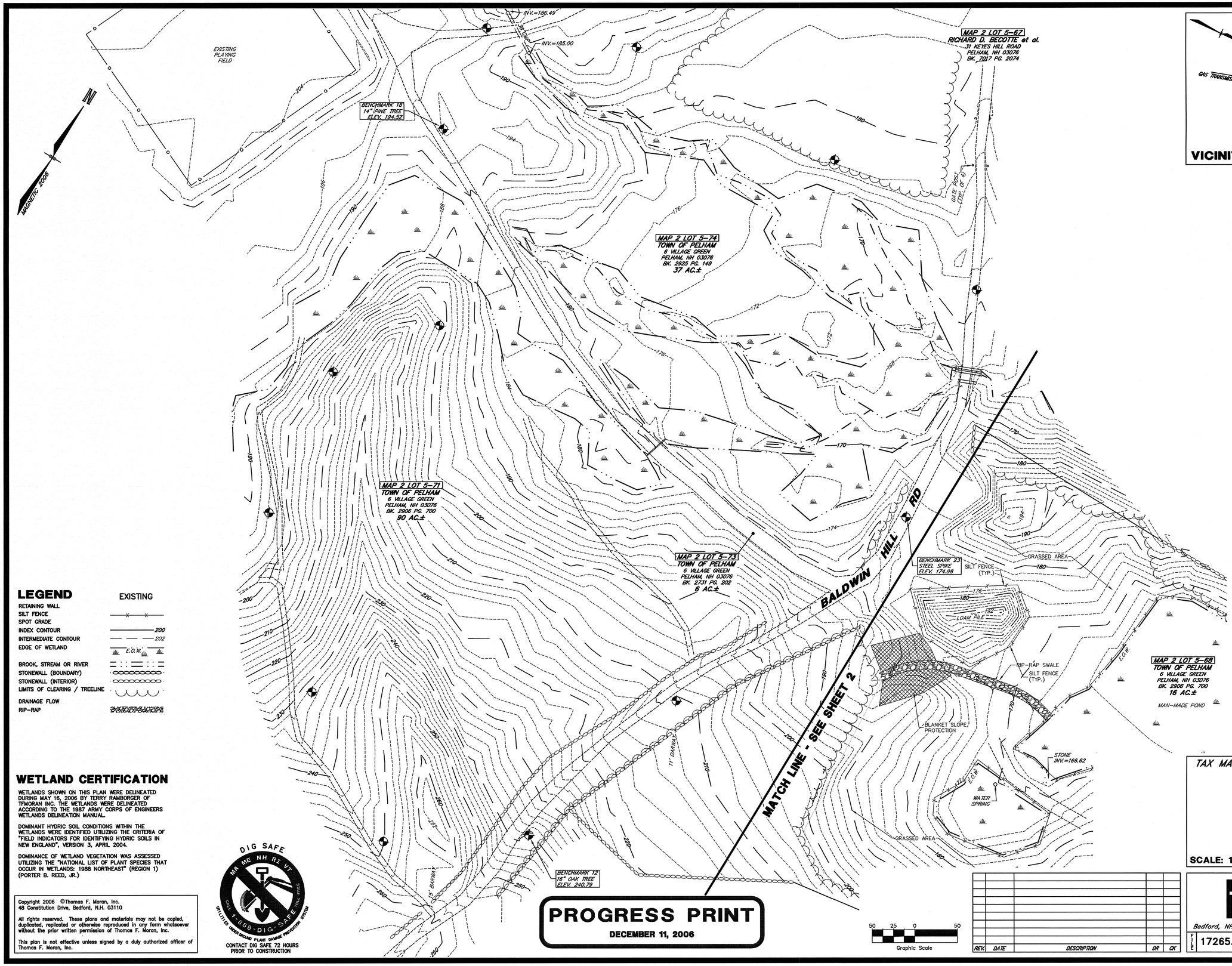
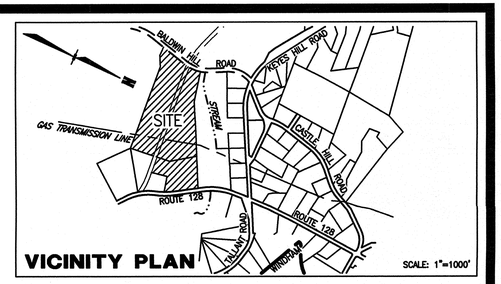
17265.00	AKF	JK	–	17265-00 Site	SHEET 2 OF 13





LEGEND

	EXISTING
RETAINING WALL	
SILT FENCE	
SPOT GRADE	
INDEX CONTOUR	200
INTERMEDIATE CONTOUR	202
EDGE OF WETLAND	E.O.W.
BROOK, STREAM OR RIVER	
STONEWALL (BOUNDARY)	
STONEWALL (INTERIOR)	
LIMITS OF CLEARING / TREELINE	
DRAINAGE FLOW	
RIP-RAP	

WETLAND CERTIFICATION

WETLANDS SHOWN ON THIS PLAN WERE DELINEATED DURING MAY 16, 2006 BY TERRY RAMBORGER OF TFMORAN INC. THE WETLANDS WERE DELINEATED ACCORDING TO THE 1987 ARMY CORPS OF ENGINEERS WETLANDS DELINEATION MANUAL.

DOMINANT HYDRIC SOIL CONDITIONS WITHIN THE WETLANDS WERE IDENTIFIED UTILIZING THE CRITERIA OF "FIELD INDICATORS FOR IDENTIFYING HYDRIC SOILS IN NEW ENGLAND", VERSION 3, APRIL 2004.

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PROGRESS PRINT
DECEMBER 11, 2006

50 25 0 50
Graphic Scale

REV.	DATE	DESCRIPTION	DR	CK

TAX MAP 2 LOTS 5-59, 5-68, 5-71, 5-73, 5-74

EXISTING CONDITIONS PLAN

RAYMOND PARK

419 MAMMOTH ROAD
PELHAM, NH

OWNED BY AND PREPARED FOR

TOWN OF PELHAM
6 VILLAGE GREEN, PELHAM, NH 03076

SCALE: 1"=50' **MAY 25, 2006**

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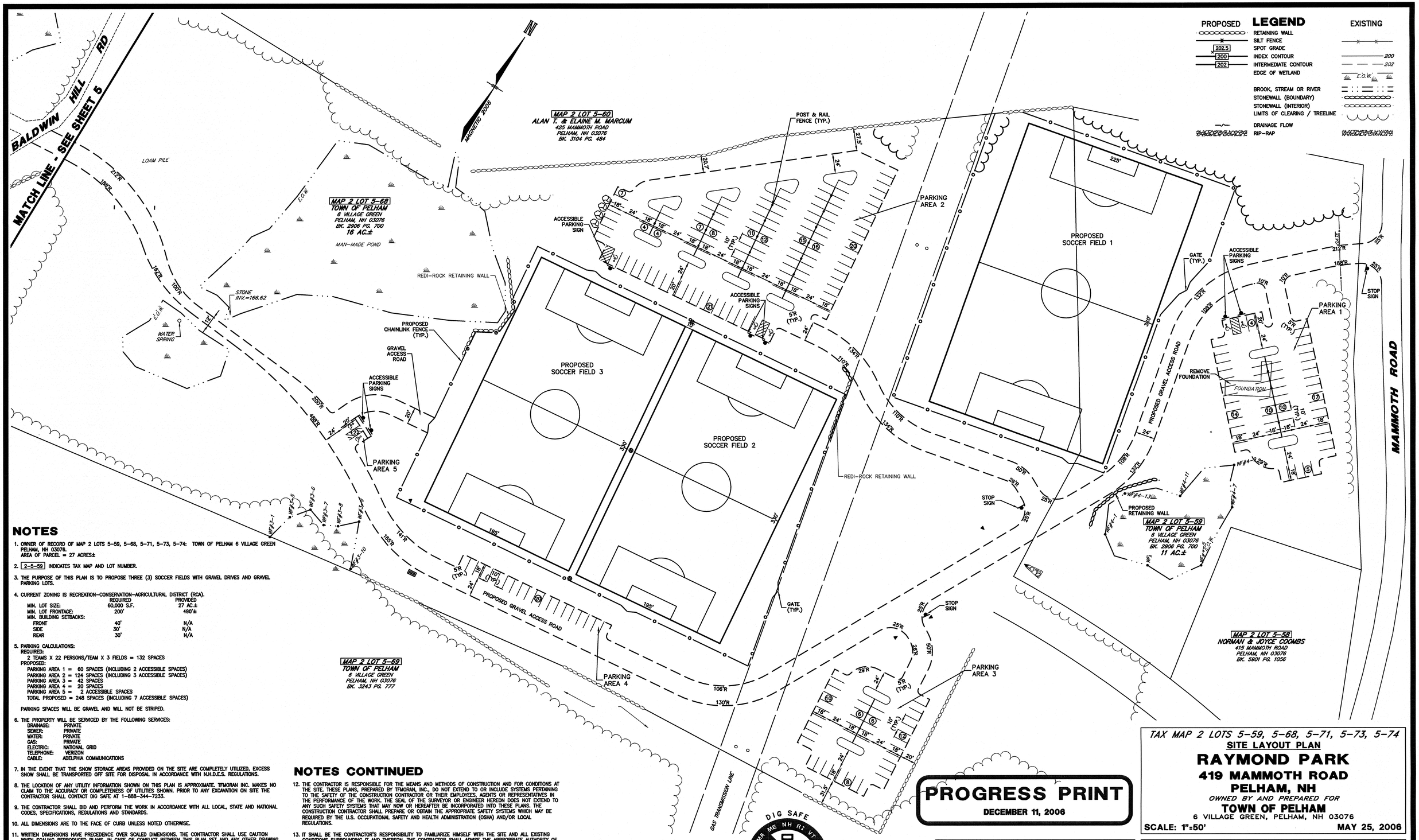
	CK JK	CADFILE	17265-00 Site	



NOTES

1. OWNER OF RECORD OF MAP 2 LOTS 5-59, 5-68, 5-71, 5-73, 5-74: TOWN OF PELHAM 6 VILLAGE GREEN PELHAM, NH 03076.
   AREA OF PARCEL = 27 ACRES±
2. 2-5-59 INDICATES TAX MAP AND LOT NUMBER.
3. THE PURPOSE OF THIS PLAN IS TO PROPOSE THREE (3) SOCCER FIELDS WITH GRAVEL DRIVES AND GRAVEL PARKING LOTS.
4. CURRENT ZONING IS RECREATION-CONSERVATION-AGRICULTURAL DISTRICT (RCA).

	REQUIRED	PROVIDED
MIN. LOT SIZE:	60,000 S.F.	27 AC.±
MIN. LOT FRONTAGE:	200'	490'±
MIN. BUILDING SETBACKS:		
FRONT	40'	N/A
SIDE	30'	N/A
REAR	30'	N/A

5. PARKING CALCULATIONS:
   REQUIRED:
   2 TEAMS X 22 PERSONS/TEAM X 3 FIELDS = 132 SPACES
   PROPOSED:
   PARKING AREA 1 = 60 SPACES (INCLUDING 2 ACCESSIBLE SPACES)
   PARKING AREA 2 = 124 SPACES (INCLUDING 3 ACCESSIBLE SPACES)
   PARKING AREA 3 = 42 SPACES
   PARKING AREA 4 = 20 SPACES
   PARKING AREA 5 = 2 ACCESSIBLE SPACES
   TOTAL PROPOSED = 248 SPACES (INCLUDING 7 ACCESSIBLE SPACES)
   PARKING SPACES WILL BE GRAVEL AND WILL NOT BE STRIPED.
6. THE PROPERTY WILL BE SERVICED BY THE FOLLOWING SERVICES:
   DRAINAGE: PRIVATE
   SEWER: PRIVATE
   WATER: PRIVATE
   GAS: PRIVATE
   ELECTRIC: NATIONAL GRID
   TELEPHONE: VERIZON
   CABLE: ADELPHIA COMMUNICATIONS
7. IN THE EVENT THAT THE SNOW STORAGE AREAS PROVIDED ON THE SITE ARE COMPLETELY UTILIZED, EXCESS SNOW SHALL BE TRANSPORTED OFF SITE FOR DISPOSAL IN ACCORDANCE WITH N.H.D.E.S. REGULATIONS.
8. THE LOCATION OF ANY UTILITY INFORMATION SHOWN ON THIS PLAN IS APPROXIMATE. TFMORAN INC. MAKES NO CLAIM TO THE ACCURACY OR COMPLETENESS OF UTILITIES SHOWN. PRIOR TO ANY EXCAVATION ON SITE THE CONTRACTOR SHALL CONTACT DIG SAFE AT 1-888-344-7233.
9. THE CONTRACTOR SHALL BID AND PERFORM THE WORK IN ACCORDANCE WITH ALL LOCAL, STATE AND NATIONAL CODES, SPECIFICATIONS, REGULATIONS AND STANDARDS.
10. ALL DIMENSIONS ARE TO THE FACE OF CURB UNLESS NOTED OTHERWISE.
11. WRITTEN DIMENSIONS HAVE PRECEDENCE OVER SCALED DIMENSIONS. THE CONTRACTOR SHALL USE CAUTION WHEN SCALING REPRODUCED PLANS. IN CASE OF CONFLICT BETWEEN THIS PLAN SET AND ANY OTHER DRAWING AND/OR SPECIFICATION, THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY FOR CLARIFICATIONS.

NOTES CONTINUED

12. THE CONTRACTOR IS RESPONSIBLE FOR THE MEANS AND METHODS OF CONSTRUCTION AND FOR CONDITIONS AT THE SITE. THESE PLANS, PREPARED BY TFMORAN, INC., DO NOT EXTEND TO OR INCLUDE SYSTEMS PERTAINING TO THE SAFETY OF THE CONSTRUCTION CONTRACTOR OR THEIR EMPLOYEES, AGENTS OR REPRESENTATIVES IN THE PERFORMANCE OF THE WORK. THE SEAL OF THE SURVEYOR OR ENGINEER HEREON DOES NOT EXTEND TO ANY SUCH SAFETY SYSTEMS THAT MAY NOW OR HEREAFTER BE INCORPORATED INTO THESE PLANS. THE CONSTRUCTION CONTRACTOR SHALL PREPARE OR OBTAIN THE APPROPRIATE SAFETY SYSTEMS WHICH MAY BE REQUIRED BY THE U.S. OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) AND/OR LOCAL REGULATIONS.
13. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO FAMILIARIZE HIMSELF WITH THE SITE AND ALL EXISTING CONDITIONS SURROUNDING IT AND THEREON. THE CONTRACTOR SHALL ADVISE THE APPROPRIATE AUTHORITY OF HIS INTENTIONS AT LEAST 48 HOURS IN ADVANCE.
14. THE CONTRACTOR SHALL MAINTAIN EMERGENCY ACCESS TO ALL AREAS AFFECTED BY HIS WORK AT ALL TIMES.
15. LIGHTING, SIGNAGE, LANDSCAPING, AND SCREENING SHALL MEET THE REQUIREMENTS OF THE TOWN OF PELHAM ZONING ORDINANCE AND SITE PLAN REGULATIONS.
16. SITE WORK SHALL BE CONSTRUCTED FROM A COMPLETE SET OF PLANS, NOT ALL FEATURES ARE DETAILED ON EVERY PLAN. THE ENGINEER IS TO BE NOTIFIED OF ANY CONFLICT WITHIN THIS PLAN SET.
17. ALL WORK IS TO CONFORM TO TOWN OF PELAHM, DEPARTMENT OF PUBLIC WORKS STANDARD SPECIFICATIONS.

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50 25 0 50
Graphic Scale

REV.	DATE	DESCRIPTION	DR	CK

PROGRESS PRINT
DECEMBER 11, 2006

TAX MAP 2 LOTS 5-59, 5-68, 5-71, 5-73, 5-74
SITE LAYOUT PLAN
RAYMOND PARK
419 MAMMOTH ROAD
PELHAM, NH
OWNED BY AND PREPARED FOR
TOWN OF PELHAM
6 VILLAGE GREEN, PELHAM, NH 03076
SCALE: 1"=50' MAY 25, 2006

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		CK	JK	CADFILE	17265-00 Site	

EXISTING PLAYING FIELD

MAGNETIC 2006

INV.=185.49

15" CMP

INV.=185.00

PROPOSED POND AREA

PELHAM, NH 03076
BK. 7017 PG. 2074

MAP 2 LOT 5-67
RICHARD D. BECOTTE et al.
31 KEYES HILL ROAD
PELHAM, NH 03076
BK. 7017 PG. 2074

GATE POST (TYP. OF 4)

MAP 2 LOT 5-74
TOWN OF PELHAM
6 VILLAGE GREEN
PELHAM, NH 03076
BK. 2925 PG. 149
37 AC.±

MAP 2 LOT 5-71
TOWN OF PELHAM
6 VILLAGE GREEN
PELHAM, NH 03076
BK. 2906 PG. 700
90 AC.±

MAP 2 LOT 5-73
TOWN OF PELHAM
6 VILLAGE GREEN
PELHAM, NH 03076
BK. 2731 PG. 202
6 AC.±

BALDWIN HILL RD

LOAM PILE

212'R

188'R

MAP 2 LOT 5-68
TOWN OF PELHAM
6 VILLAGE GREEN
PELHAM, NH 03076
BK. 2906 PG. 700
16 AC.±

E.O.W.

MAN-MADE POND

160'R

162'R

STONE INV.=166.62

12'±

E.O.W.

WATER SPRING

11' BARWAY

15' BARWAY

MATCH LINE - SEE SHEET 4

LEGEND

PROPOSED		EXISTING
	RETAINING WALL	
	SILT FENCE	
202.5	SPOT GRADE	
200	INDEX CONTOUR	200
202	INTERMEDIATE CONTOUR	202
	EDGE OF WETLAND	E.O.W.
	BROOK, STREAM OR RIVER	
	STONEWALL (BOUNDARY)	
	STONEWALL (INTERIOR)	
	LIMITS OF CLEARING / TREELINE	
	DRAINAGE FLOW	
	RIP-RAP	

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Graphic Scale

REV.	DATE	DESCRIPTION	DR	CK

PROGRESS PRINT
DECEMBER 11, 2006

TAX MAP 2 LOTS 5-59, 5-68, 5-71, 5-73, 5-74
SITE LAYOUT PLAN
RAYMOND PARK
419 MAMMOTH ROAD
PELHAM, NH
OWNED BY AND PREPARED FOR
TOWN OF PELHAM
6 VILLAGE GREEN, PELHAM, NH 03076
SCALE: 1"=50' MAY 25, 2006

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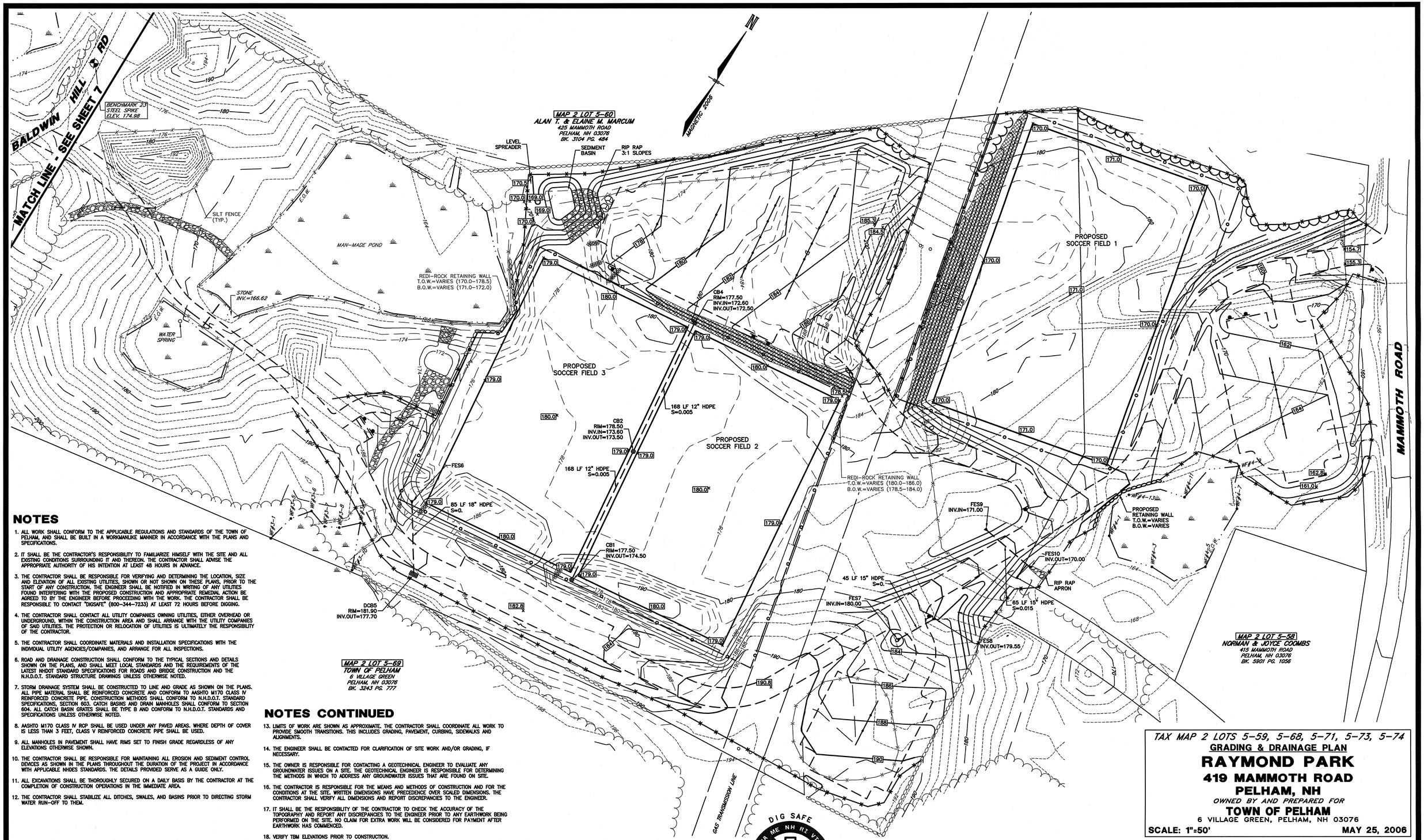

NOTES

1. ALL WORK SHALL CONFORM TO THE APPLICABLE REGULATIONS AND STANDARDS OF THE TOWN OF PELHAM, AND SHALL BE BUILT IN A WORKMANLIKE MANNER IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS.
2. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO FAMILIARIZE HIMSELF WITH THE SITE AND ALL EXISTING CONDITIONS SURROUNDING IT AND THEREON. THE CONTRACTOR SHALL ADVISE THE APPROPRIATE AUTHORITY OF HIS INTENTION AT LEAST 48 HOURS IN ADVANCE.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING AND DETERMINING THE LOCATION, SIZE AND ELEVATION OF ALL EXISTING UTILITIES, SHOWN OR NOT SHOWN ON THESE PLANS, PRIOR TO THE START OF ANY CONSTRUCTION. THE ENGINEER SHALL BE NOTIFIED IN WRITING OF ANY UTILITIES FOUND INTERFERING WITH THE PROPOSED CONSTRUCTION AND APPROPRIATE REMEDIAL ACTION BE AGREED TO BY THE ENGINEER BEFORE PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BE RESPONSIBLE TO CONTACT "DIGSAFE" (800-344-7233) AT LEAST 72 HOURS BEFORE DIGGING.
4. THE CONTRACTOR SHALL CONTACT ALL UTILITY COMPANIES OWNING UTILITIES, EITHER OVERHEAD OR UNDERGROUND, WITHIN THE CONSTRUCTION AREA AND SHALL ARRANGE WITH THE UTILITY COMPANIES OF SAID UTILITIES. THE PROTECTION OR RELOCATION OF UTILITIES IS ULTIMATELY THE RESPONSIBILITY OF THE CONTRACTOR.
5. THE CONTRACTOR SHALL COORDINATE MATERIALS AND INSTALLATION SPECIFICATIONS WITH THE INDIVIDUAL UTILITY AGENCIES/COMPANIES, AND ARRANGE FOR ALL INSPECTIONS.
6. ROAD AND DRAINAGE CONSTRUCTION SHALL CONFORM TO THE TYPICAL SECTIONS AND DETAILS SHOWN ON THE PLANS, AND SHALL MEET LOCAL STANDARDS AND THE REQUIREMENTS OF THE LATEST NHDOT STANDARD SPECIFICATIONS FOR ROADS AND BRIDGE CONSTRUCTION AND THE N.H.D.O.T. STANDARD STRUCTURE DRAWINGS UNLESS OTHERWISE NOTED.
7. STORM DRAINAGE SYSTEM SHALL BE CONSTRUCTED TO LINE AND GRADE AS SHOWN ON THE PLANS. ALL PIPE MATERIAL SHALL BE REINFORCED CONCRETE AND CONFORM TO AASHTO M170 CLASS IV REINFORCED CONCRETE PIPE. CONSTRUCTION METHODS SHALL CONFORM TO N.H.D.O.T. STANDARD SPECIFICATIONS, SECTION 603. CATCH BASINS AND DRAIN MANHOLES SHALL CONFORM TO SECTION 604. ALL CATCH BASIN GRATES SHALL BE TYPE B AND CONFORM TO N.H.D.O.T. STANDARDS AND SPECIFICATIONS UNLESS OTHERWISE NOTED.
8. AASHTO M170 CLASS IV RCP SHALL BE USED UNDER ANY PAVED AREAS. WHERE DEPTH OF COVER IS LESS THAN 3 FEET, CLASS V REINFORCED CONCRETE PIPE SHALL BE USED.
9. ALL MANHOLES IN PAVEMENT SHALL HAVE RIMS SET TO FINISH GRADE REGARDLESS OF ANY ELEVATIONS OTHERWISE SHOWN.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL EROSION AND SEDIMENT CONTROL DEVICES AS SHOWN IN THE PLANS THROUGHOUT THE DURATION OF THE PROJECT IN ACCORDANCE WITH APPLICABLE NHDES STANDARDS. THE DETAILS PROVIDED SERVE AS A GUIDE ONLY.
11. ALL EXCAVATIONS SHALL BE THOROUGHLY SECURED ON A DAILY BASIS BY THE CONTRACTOR AT THE COMPLETION OF CONSTRUCTION OPERATIONS IN THE IMMEDIATE AREA.
12. THE CONTRACTOR SHALL STABILIZE ALL DITCHES, SWALES, AND BASINS PRIOR TO DIRECTING STORM WATER RUN-OFF TO THEM.

NOTES CONTINUED

13. LIMITS OF WORK ARE SHOWN AS APPROXIMATE. THE CONTRACTOR SHALL COORDINATE ALL WORK TO PROVIDE SMOOTH TRANSITIONS. THIS INCLUDES GRADING, PAVEMENT, CURBING, SIDEWALKS AND ALIGNMENTS.
14. THE ENGINEER SHALL BE CONTACTED FOR CLARIFICATION OF SITE WORK AND/OR GRADING, IF NECESSARY.
15. THE OWNER IS RESPONSIBLE FOR CONTACTING A GEOTECHNICAL ENGINEER TO EVALUATE ANY GROUNDWATER ISSUES ON A SITE. THE GEOTECHNICAL ENGINEER IS RESPONSIBLE FOR DETERMINING THE METHODS IN WHICH TO ADDRESS ANY GROUNDWATER ISSUES THAT ARE FOUND ON SITE.
16. THE CONTRACTOR IS RESPONSIBLE FOR THE MEANS AND METHODS OF CONSTRUCTION AND FOR THE CONDITIONS AT THE SITE. WRITTEN DIMENSIONS HAVE PRECEDENCE OVER SCALED DIMENSIONS. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND REPORT DISCREPANCIES TO THE ENGINEER.
17. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CHECK THE ACCURACY OF THE TOPOGRAPHY AND REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO ANY EARTHWORK BEING PERFORMED ON THE SITE. NO CLAIM FOR EXTRA WORK WILL BE CONSIDERED FOR PAYMENT AFTER EARTHWORK HAS COMMENCED.
18. VERIFY TBM ELEVATIONS PRIOR TO CONSTRUCTION.

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Graphic Scale

REV.	DATE	DESCRIPTION	DR	CK

TAX MAP 2 LOTS 5-59, 5-68, 5-71, 5-73, 5-74
GRADING & DRAINAGE PLAN
RAYMOND PARK
419 MAMMOTH ROAD
PELHAM, NH
OWNED BY AND PREPARED FOR
TOWN OF PELHAM
6 VILLAGE GREEN, PELHAM, NH 03076
SCALE: 1"=50' **MAY 25, 2006**

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Structural Engineers
Traffic Engineers
Land Surveyors
Landscape Architects
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N

MAGNETIC 2006

EXISTING PLAYING FIELD

INV.=186.49

INV.=185.00

BENCHMARK 18
14" PINE TREE
ELEV. 194.52

PROPOSED POND AREA

MAP 2 LOT 5-67
RICHARD D. BECOTTE et al.
31 KEYES HILL ROAD
PELHAM, NH 03076
BK. 2017 PG. 2074

GATE POST (TYP. OF 4)

MAP 2 LOT 5-74
TOWN OF PELHAM
6 VILLAGE GREEN
PELHAM, NH 03076
BK. 2825 PG. 149
37 AC.±

MAP 2 LOT 5-71
TOWN OF PELHAM
6 VILLAGE GREEN
PELHAM, NH 03076
BK. 2808 PG. 700
90 AC.±

MAP 2 LOT 5-73
TOWN OF PELHAM
6 VILLAGE GREEN
PELHAM, NH 03076
BK. 2731 PG. 202
6 AC.±

BALDWIN HILL RD

BENCHMARK 23
STEEL SPIKE
ELEV. 174.98

LOAM PILE

SILT FENCE (TYP.)

MAP 2 LOT 5-68
TOWN OF PELHAM
6 VILLAGE GREEN
PELHAM, NH 03076
BK. 2808 PG. 700
16 AC.±

MAN-MADE POND

STONE
INV.=166.62

WATER SPRING

E.O.W.

11' BARWAY

15' BARWAY

BENCHMARK 12
16" OAK TREE
ELEV. 240.79

MATCH LINE - SEE SHEET 6

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Graphic Scale

LEGEND

PROPOSED		EXISTING
	RETAINING WALL	
	SILT FENCE	
202.5	SPOT GRADE	
200	INDEX CONTOUR	200
202	INTERMEDIATE CONTOUR	202
	EDGE OF WETLAND	E.O.W.
	BROOK, STREAM OR RIVER	
	STONEWALL (BOUNDARY)	
	STONEWALL (INTERIOR)	
	LIMITS OF CLEARING / TREELINE	
	DRAINAGE FLOW	
	RIP-RAP	

PROGRESS PRINT
DECEMBER 11, 2006

TAX MAP 2 LOTS 5-59, 5-68, 5-71, 5-73, 5-74
GRADING & DRAINAGE PLAN

RAYMOND PARK
419 MAMMOTH ROAD
PELHAM, NH

OWNED BY AND PREPARED FOR
TOWN OF PELHAM
6 VILLAGE GREEN, PELHAM, NH 03076

SCALE: 1"=50' MAY 25, 2006

REV.	DATE	DESCRIPTION	DR	CK

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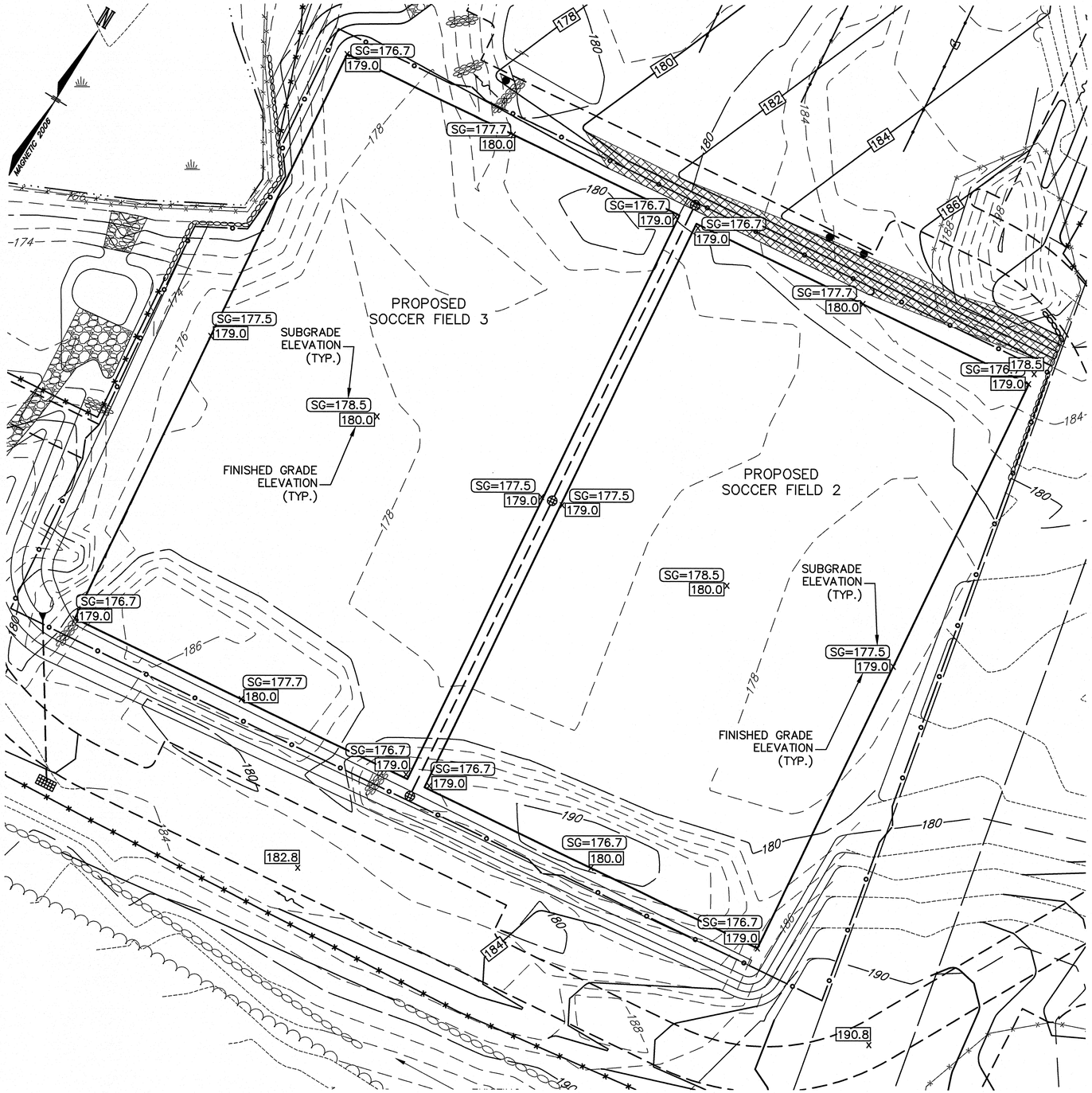

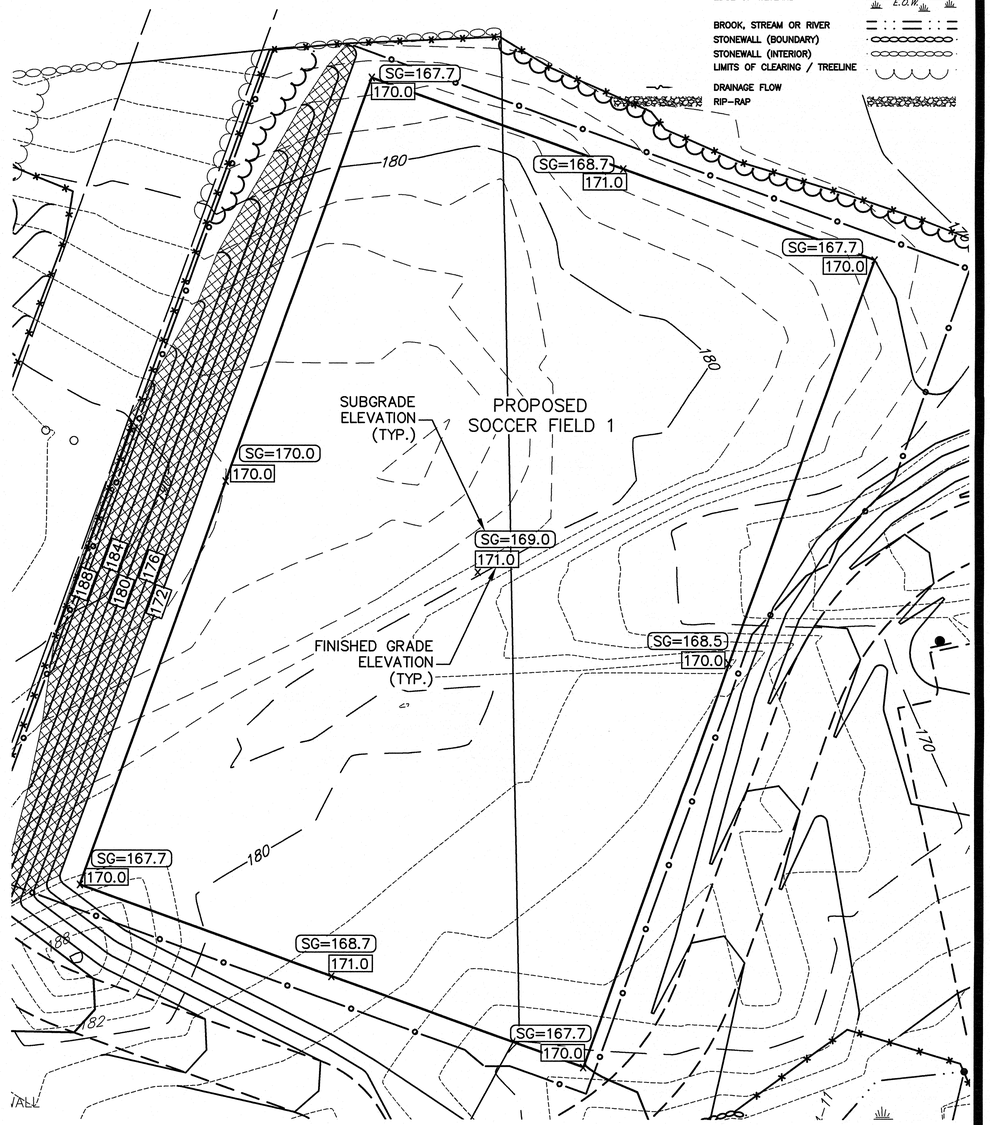

LEGEND

PROPOSED		EXISTING
	RETAINING WALL	
	SILT FENCE	
202.5	SPOT GRADE	
200	INDEX CONTOUR	200
202	INTERMEDIATE CONTOUR	202
	EDGE OF WETLAND	E.O.W.
	BROOK, STREAM OR RIVER	
	STONEWALL (BOUNDARY)	
	STONEWALL (INTERIOR)	
	LIMITS OF CLEARING / TREELINE	
	DRAINAGE FLOW	
	RIP-RAP	

NOTE

SEE THE SOCCER FIELD SECTION DETAIL IN THE DETAIL SHEETS FOR FIELD CROSS SECTION AND SPECIFICATIONS.

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Graphic Scale

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TAX MAP 2 LOTS 5-59, 5-68, 5-71, 5-73, 5-74

PLAYING FIELD SUBGRADE PLAN

RAYMOND PARK

419 MAMMOTH ROAD
PELHAM, NH

OWNED BY AND PREPARED FOR

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6 VILLAGE GREEN, PELHAM, NH 03076

SCALE: 1"=30' **MAY 25, 2006**

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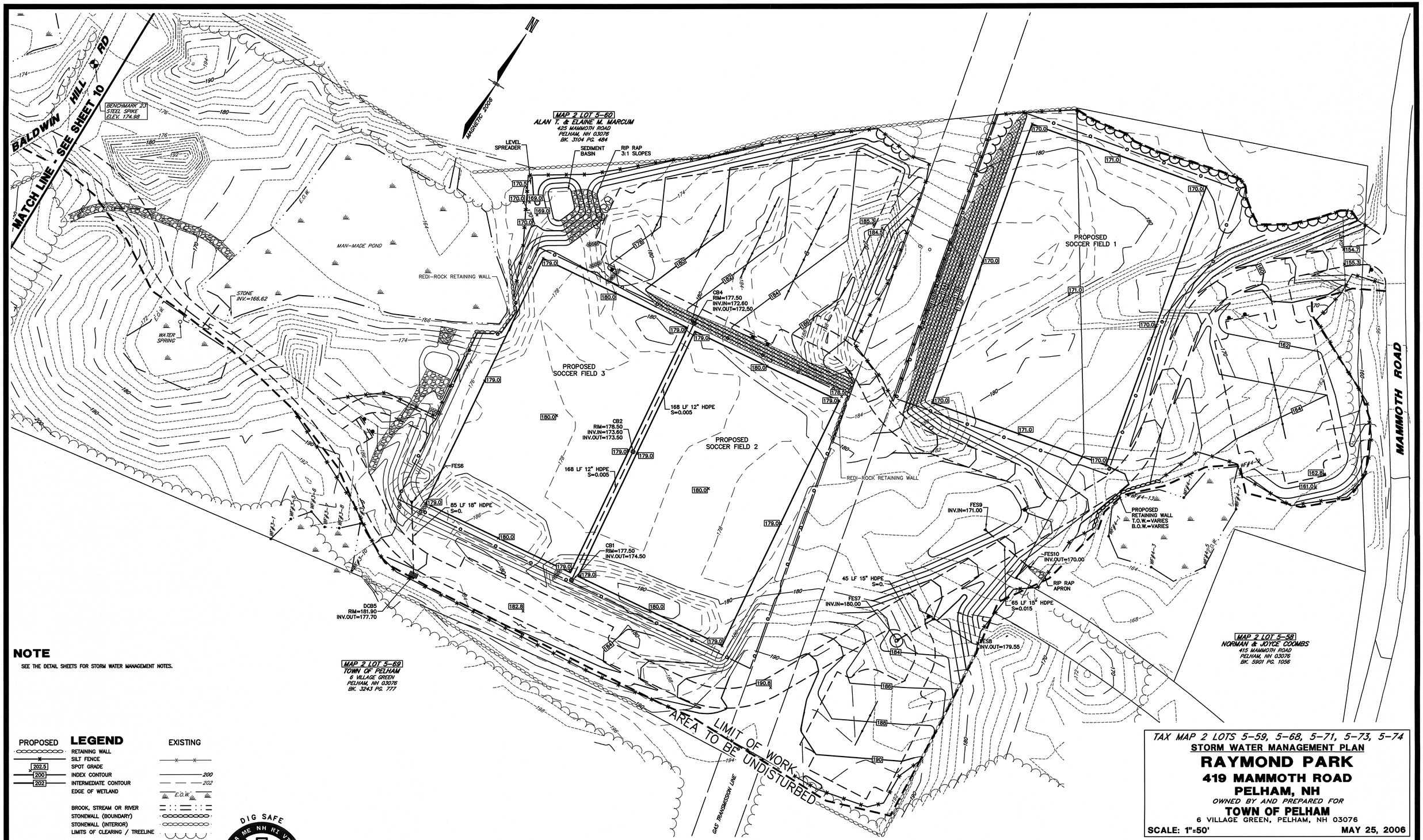

NOTE

SEE THE DETAIL SHEETS FOR STORM WATER MANAGEMENT NOTES.

LEGEND

PROPOSED		EXISTING
	RETAINING WALL	
	SILT FENCE	
202.5	SPOT GRADE	
200	INDEX CONTOUR	200
202	INTERMEDIATE CONTOUR	202
	EDGE OF WETLAND	E.O.W.
	BROOK, STREAM OR RIVER	
	STONEWALL (BOUNDARY)	
	STONEWALL (INTERIOR)	
	LIMITS OF CLEARING / TREELINE	
	DRAINAGE FLOW	
	RIP-RAP	

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Graphic Scale

REV.	DATE	DESCRIPTION	DR	CK

TAX MAP 2 LOTS 5-59, 5-68, 5-71, 5-73, 5-74

STORM WATER MANAGEMENT PLAN

RAYMOND PARK

419 MAMMOTH ROAD
PELHAM, NH

OWNED BY AND PREPARED FOR

TOWN OF PELHAM
6 VILLAGE GREEN, PELHAM, NH 03076

SCALE: 1"=50' **MAY 25, 2006**

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PELHAM, NH 03076
BK. 7017 PG. 2074

EXISTING PLAYING FIELD

EXISTING PLAYING FIELD

MAGNETIC 2006

INV.=186.49

INV.=185.00

BENCHMARK 18
14" PINE TREE
ELEV. 194.52

PROPOSED POND AREA

GATE POST (TYP. OF 4)

MAP 2 LOT 5-74
TOWN OF PELHAM
6 VILLAGE GREEN
PELHAM, NH 03076
BK. 2825 PG. 149
37 AC.±

MAP 2 LOT 5-71
TOWN OF PELHAM
6 VILLAGE GREEN
PELHAM, NH 03076
BK. 2906 PG. 700
90 AC.±

MAP 2 LOT 5-73
TOWN OF PELHAM
6 VILLAGE GREEN
PELHAM, NH 03076
BK. 2731 PG. 202
6 AC.±

BALDWIN HILL RD

BENCHMARK 23
STEEL SPIKE
ELEV. 174.98

SILT FENCE (TYP.)

GRASSED AREA

LOAM PILE

RIP-RAP SWALE

MAP 2 LOT 5-68
TOWN OF PELHAM
6 VILLAGE GREEN
PELHAM, NH 03076
BK. 2906 PG. 700
16 AC.±

MAN-MADE POND

BLANKET SLOPE PROTECTION

STONE
INV.=166.62

WATER SPRING

E.O.W.

11" BARWAY

BENCHMARK 12
16" OAK TREE
ELEV. 240.79

MATCH LINE - SEE SHEET 9

NOTE

SEE THE DETAIL SHEETS FOR STORM WATER MANAGEMENT NOTES.

LEGEND

PROPOSED		EXISTING
	RETAINING WALL	
x	SILT FENCE	x x
202.5	SPOT GRADE	
200	INDEX CONTOUR	200
202	INTERMEDIATE CONTOUR	202
	EDGE OF WETLAND	E.O.W.
	BROOK, STREAM OR RIVER	
	STONEWALL (BOUNDARY)	
	STONEWALL (INTERIOR)	
	LIMITS OF CLEARING / TREELINE	
	DRAINAGE FLOW	
	RIP-RAP	

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TAX MAP 2 LOTS 5-59, 5-68, 5-71, 5-73, 5-74
STORM WATER MANAGEMENT PLAN

RAYMOND PARK

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SCALE: 1"=50' MAY 25, 2006

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CONSTRUCTION SEQUENCE NOTES

1. INSTALL STABILIZED CONSTRUCTION ENTRANCE.
2. CUT AND CLEAR TREES WITHIN AREA OF DISTURBANCE UNLESS OTHERWISE NOTED.
3. CONSTRUCT TEMPORARY AND PERMANENT EROSION CONTROL FACILITIES PRIOR TO ANY EARTH MOVING OPERATION. INSPECT AND MAINTAIN ALL EROSION AND SEDIMENTATION CONTROL MEASURES PERIODICALLY AND IMMEDIATELY AFTER STORM EVENTS.
4. ROUGH GRADE FIELDS, DRIVEWAYS & PARKING AREAS. ALL SLOPES SHALL BE STABILIZED IMMEDIATELY AFTER GRADING. ALL DISTURBED AREAS SHALL BE STABILIZED NO LATER THAN 72 HOURS AFTER CONSTRUCTION ACTIVITY CEASES. IF EARTHWORK TEMPORARILY CEASES ON A PORTION OF OR THE ENTIRE SITE, AND WILL NOT RESUME WITHIN 21 DAYS, THE AREA SHALL BE STABILIZED. (STABILIZE PROPOSED PAVEMENT AREAS WITH COMPACTED GRAVELS AND OTHER DISTURBED AREAS WITH TEMPORARY GRASS SEEDING.)
5. CONSTRUCT CULVERTS, DETENTION BASINS AND TREATMENT SWALES. PLACE HEADWALLS, RIP-RAP AND OTHER DRAINAGE FACILITIES ACCORDING TO PLAN. THE CONTRACTOR SHALL STABILIZE ALL DITCHES, SWALES, AND BASINS PRIOR TO DIRECTING FLOW TO THEM.
6. CONSTRUCT GRAVEL PARKING TO FINISH GRADE ACCORDING TO PLAN. ALL SLOPES SHALL BE STABILIZED IMMEDIATELY AFTER GRADING.
7. COMPLETE PERMANENT SEEDING.
8. REMOVE TEMPORARY EROSION CONTROL MEASURES ONCE ALL AREAS ARE STABILIZED. AN AREA SHALL BE CONSIDERED STABILIZED IF:
   A) BASE COURSE GRAVELS HAVE BEEN INSTALLED;
   B) A MINIMUM OF 85% VEGETATED GROWTH HAS BEEN ESTABLISHED;
   C) A MINIMUM OF 3" OF NON-EROSIVE MATERIAL SUCH AS STONE OR RIPRAP HAS BEEN INSTALLED OR
   D) EROSION CONTROL BLANKETS HAVE BEEN PROPERLY INSTALLED.

GENERAL NOTES

1. THE CONTRACTOR SHALL CONTACT ALL UTILITY COMPANIES OWNING UTILITIES, EITHER OVERHEAD OR UNDERGROUND, WITHIN THE CONSTRUCTION AREA AND SHALL ARRANGE WITH THE UTILITY COMPANIES OF SAID UTILITIES. THE PROTECTION OR RELOCATION OF UTILITIES IS ULTIMATELY THE RESPONSIBILITY OF THE CONTRACTOR.
2. THE CONTRACTOR SHALL MAINTAIN EMERGENCY ACCESS TO ALL AREAS AFFECTED BY HIS WORK AT ALL TIMES.
3. ALL EXCAVATIONS SHALL BE THOROUGHLY SECURED ON A DAILY BASIS BY THE CONTRACTOR AT THE COMPLETION OF CONSTRUCTION OPERATIONS IN THE IMMEDIATE AREA.
4. EROSION CONTROL SYSTEMS SHALL BE INSTALLED AND MAINTAINED FOR THE DURATION OF THE PROJECT IN ACCORDANCE WITH APPLICABLE NHDES STANDARDS. THESE DETAILS SERVE AS A GUIDE ONLY.
5. REFER TO THE TOWN STANDARD DETAILS, LATEST REVISION, FOR ADDITIONAL INFORMATION AND CRITERIA.
6. THE CONTRACTOR SHALL STABILIZE ALL DITCHES, SWALES, AND BASINS PRIOR TO DIRECTING FLOW TO THEM.

EROSION CONTROL NOTES

DURING CONSTRUCTION AND THEREAFTER, EROSION CONTROL MEASURES ARE TO BE IMPLEMENTED AS NOTED:

1. INSTALLATION OF SILTATION FENCES AND OTHER EROSION CONTROL MEASURES SHALL BE COMPLETED PRIOR TO THE START OF SITE WORK IN ANY GIVEN AREA. PREFABRICATED SILTATION FENCES SHALL BE INSTALLED ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS.
2. SILTATION FENCES AND OTHER EROSION CONTROL MEASURES SHALL BE KEPT CLEAN DURING CONSTRUCTION AND REMOVED WHEN ALL SLOPES HAVE A VEGETATIVE COVER OF GREATER THAN 85%. EROSION CONTROL MEASURES SHALL BE INSPECTED ON A WEEKLY BASIS AND AFTER EVERY RAINFALL.
3. EXISTING VEGETATION IS TO REMAIN UNDISTURBED WHEREVER POSSIBLE.
4. THE AREA OF LAND EXPOSED AND THE TIME OF EXPOSURE SHALL BE MINIMIZED. ALL DISTURBED AREAS SHALL BE STABILIZED WITHIN 72 HOURS AFTER FINAL GRADING.
5. ALL DISTURBED AREAS SHALL HAVE A MINIMUM OF 4" OF LOAM INSTALLED WITH NOT LESS THAN 1.1 POUNDS OF SEED MIX PER 1,000 SQ. FT. SEED MIXTURE SHALL BE:
   PERMANENT MIX:
   TALL FESCUE – 0.45 LBS.
   CREEPING RED FESCUE – 0.45 LBS.
   BIRDSFOOT TREFOIL – 0.20 LBS.
   TEMPORARY MIX:
   ANNUAL RYE – 1.1 LBS.
6. LIME AND FERTILIZER SHALL BE INCORPORATED INTO THE SOIL PRIOR TO OR AT THE TIME OF AT THE TIME OF SEEDING. A MINIMUM OF 2 TONS PER ACRE OF AGRICULTURAL LIMESTONE AND 500 LBS. PER ACRE OF 10-20-20 FERTILIZER SHALL BE APPLIED. SEEDING PRACTICES SHALL COMPLY WITH LOCAL USDA SOIL CONSERVATION SERVICES RECOMMENDATIONS.
7. HAY MULCH OR JUTE MATTING SHALL BE USED WHERE INDICATED ON THE PLANS. A MINIMUM OF 1.5 TONS OF MULCH PER ACRE SHALL BE APPLIED. MULCH SHALL BE ANCHORED IN PLACE WHERE NECESSARY. JUTE MATTING SHALL BE LAID IN THE DIRECTION OF RUNOFF FLOW AND APPLIED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
8. PERMANENT OR TEMPORARY COVER MUST BE IN PLACE BEFORE THE GROWING SEASON ENDS. WHEN SEEDED AREAS ARE MULCHED, PLANTINGS MAY BE MADE FROM EARLY SPRING TO EARLY OCTOBER. WHEN SEEDED AREAS AREA NOT MULCHED, PLANTINGS SHOULD BE MADE FROM EARLY SPRING TO MAY 20 OR FROM AUGUST 15 TO SEPTEMBER 15. NO DISTURBED AREA SHALL BE LEFT EXPOSED DURING WINTER MONTHS.
9. CALCIUM CHLORIDE SHALL BE USED FOR DUST CONTROL IN APPROPRIATE AREAS.

CONSTRUCTION GENERAL PERMIT

1. THE OWNER, IN CONJUNCTION WITH THE CONTRACTOR (OPERATORS), NEEDS TO OBTAIN A CONSTRUCTION GENERAL PERMIT (CGP) FOR LARGE CONSTRUCTION ACTIVITIES (FIVE OR MORE ACRES) OR SMALL CONSTRUCTION ACTIVITIES (GREATER THAN ONE ACRE BUT LESS THAN FIVE ACRES) FROM THE ENVIRONMENTAL PROTECTION AGENCY (EPA). AS PART OF THE CGP, A STORM WATER NOTICE OF INTENT (NOI) WILL NEED TO BE SUBMITTED TO THE EPA AT LEAST 7 DAYS PRIOR TO COMMENCING CONSTRUCTION. THE NOI WILL NEED TO BE SUBMITTED TO STORM WATER NOTICE OF INTENT (4203M), USEPA, 1200 PENNSYLVANIA AVE. NW, WASHINGTON, DC 20460.
2. THE CGP OUTLINES A SET OF PROVISIONS MANDATING THE OWNER AND CONTRACTOR TO COMPLY WITH THE REQUIREMENTS OF THE NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES) STORM WATER REGULATIONS, INCLUDING, BUT NOT LIMITED TO, STORM WATER POLLUTION PREVENTION PLANS (SWPPP'S), IMPLEMENTATION OF EROSION AND SEDIMENTATION CONTROLS, EQUIPMENT MAINTENANCE GUIDELINES, ETC. PLEASE CONTACT USEPA OFFICE OF WASTEWATER MANAGEMENT AT 202-564-9545 OR AT WWW.EPA.GOV/NPDES/STORMWATER FOR ADDITIONAL INFORMATION. IN ADDITION, ONE CAN CONTACT ABBY SWAINE OF NEW ENGLAND'S EPA REGION 1 AT 617-918-1841.

STORMWATER NOTES

1. PROPOSED IS EROSION CONTROL & STABILIZATION MEASURES FOR AN EXISTING GRAVEL PIT.
2. TOTAL AREA: 160± AC.
   TOTAL AREA OF DISTURBANCE: XX.X± AC.
3. STABILIZATION PRACTICES FOR EROSION AND SEDIMENTATION CONTROLS:

   TEMPORARY STABILIZATION – TOPSOIL STOCKPILES AND DISTURBED AREAS OF THE CONSTRUCTION SITE THAT WILL NOT BE REDISTURBED FOR 21 DAYS OR MORE MUST BE STABILIZED BY THE 14TH DAY AFTER THE LAST DISTURBANCE. THE TEMPORARY SEED SHALL BE ANNUAL RYE APPLIED AT THE RATE OF 1.1 LBS PER 1,000 SQUARE FEET. PRIOR TO SEEDING, A MINIMUM OF 2 TONS PER ACRE OF AGRICULTURAL LIMESTONE AND 500 LBS PER ACRE OF 10-20-20 FERTILIZER SHALL BE APPLIED. AFTER SEEDING, EACH AREA SHALL BE MULCHED WITH 1.5 TONS PER ACRE OF HAY MULCH. MULCH TO BE ANCHORED IN PLACE WHERE NECESSARY. AREAS OF THE SITE THAT WILL BE PAVED WILL TEMPORARILY BE STABILIZED BY APPLYING GEOTEXTILES AND A STONE SUB-BASE UNTIL BITUMINOUS PAVEMENT CAN BE APPLIED. CALCIUM CHLORIDE SHALL BE USED FOR DUST CONTROL IF NEEDED.

   PERMANENT STABILIZATION – DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES PERMANENTLY CEASES SHALL BE STABILIZED WITH PERMANENT SEED NO LATER THAN 14 DAYS AFTER THE LAST CONSTRUCTION ACTIVITY. THE PERMANENT SEED MIX SHALL CONSIST OF 0.45 LBS/1,000 S.F. TALL FESCUE, 0.20 LBS/1,000 S.F. CREEPING RED FESCUE, AND 0.20 LBS/1,000 S.F. BIRDSFOOT TREFOIL. PRIOR TO SEEDING, A MINIMUM OF 2 TONS PER ACRE OF AGRICULTURAL LIMESTONE AND 500 LBS PER ACRE IF 10-20-20 FERTILIZER SHALL BE APPLIED. AFTER SEEDING, EACH AREA SHALL BE MULCHED WITH 1.5 TONS PER ACRE OF HAY MULCH. MULCH TO BE ANCHORED IN PLACE WHERE NECESSARY.

STORMWATER NOTES CONT.

4. STRUCTURAL PRACTICES FOR EROSION AND SEDIMENTATION CONTROL

   SILT FENCE – WILL BE CONSTRUCTED AROUND THE PERIMETER OF THE DISTURBED AREAS AND WILL DELINEATE THE LIMITS OF WORK FOR THE PROPOSED CONSTRUCTION. THE SILT FENCE WILL BE INSTALLED BY STRETCHING REINFORCED FILTER FABRIC BETWEEN POSTS WITH AT LEAST 8 INCHES OF THE FABRIC BURIED BELOW THE GROUND SURFACE TO PREVENT GAPS FROM FORMING NEAR THE GROUND SURFACE. RUNOFF WILL FLOW THROUGH THE OPENINGS IN THE FILTER FABRIC WHILE RETAINING THE SEDIMENT WITHIN THE CONSTRUCTION AREA.

   BLANKET SLOPE PROTECTION – SHALL BE INSTALLED ON ALL 2:1 SLOPES OR STEEPER ON SITE. ANCHOR THE TOP OF THE BLANKET BY ANCHORING THE BLANKET IN A 6" DEEP TRENCH. BACKFILL AND COMPACT TRENCH AFTER STAPLING. ROLL THE BLANKET IN THE DIRECTION OF STORM WATER FLOW. WHERE 2 OR MORE STRIPS OF BLANKET ARE REQUIRED, A MINIMUM OF 4" OF OVERLAP SHALL BE PROVIDED.

   STONE CHECK DAMS – WILL BE INSTALLED IN EXISTING AND PROPOSED GRASS SWALES TO REDUCE THE VELOCITY OF CONCENTRATED STORM WATER FLOWS AND PREVENT EROSION OF THE SWALE.

5. STORM WATER MANAGEMENT

   STORM WATER DRAINAGE FLOW PATTERNS WILL BE MAINTAINED ON-SITE.

6. ALL CONSTRUCTION DEBRIS AND WASTE MATERIALS SHALL BE COLLECTED AND STORED IN SECURE DUMPSTERS OR APPROVED ENCLOSURE AND REMOVED FROM THE SITE ON A WEEKLY BASIS. NO CONSTRUCTION WASTE SHALL BE BURIED ON SITE. PORTABLE TOILET SANITARY WASTE FACILITIES WILL BE PROVIDED DURING CONSTRUCTION AND MAINTAINED/DISPOSED OF ON A REGULAR BASIS IN ACCORDANCE WITH TOWN AND STATE REGULATIONS.

   A LIST OF CONSTRUCTION ITEMS AND OTHER PRODUCTS USED ON THIS PROJECT SHALL BE KEPT ON RECORD WITH THIS PLAN ONSITE. ALL CHEMICALS, PETROLEUM PRODUCTS AND OTHER MATERIALS USED DURING CONSTRUCTION SHALL BE STORED IN A SECURE AREA, AND PRECAUTIONS USED TO PREVENT POTENTIAL SOURCES OF CONTAMINATION OR POLLUTION. ANY SPILL OF THESE TYPES OF SUBSTANCES SHALL BE CLEANED UP AND DISPOSED OF IN A LEGAL MANNER AS SPECIFIED BY STATE REGULATIONS AND THE MANUFACTURER. ANY SPILL IN AMOUNTS EQUAL TO OR EXCEEDING REPORTABLE QUANTITY AS DEFINED BY THE EPA SHALL TAKE THE FOLLOWING STEPS:
   – NOTIFY THE NATIONAL RESPONSE CENTER IMMEDIATELY AT (800) 424-8802; IN WASHINGTON, D.C., CALL (202) 426-2675.
   – WITHIN 14 DAYS, SUBMIT A WRITTEN DESCRIPTION OF THE RELEASE TO THE EPA REGIONAL OFFICE PROVIDING THE DATE AND CIRCUMSTANCES OF THE RELEASE AND THE STEPS TO BE TAKEN TO PREVENT ANOTHER RELEASE.
   – MODIFY THE POLLUTION PREVENTION PLAN TO INCLUDE THE INFORMATION LISTED ABOVE.

7. GOOD HOUSEKEEPING:
   THE FOLLOWING GOOD HOUSEKEEPING PRACTICES WILL BE FOLLOWED ONSITE DURING THE CONSTRUCTION PROJECT.
   – AN EFFORT WILL BE MADE TO STORE ONLY ENOUGH PRODUCT REQUIRED TO DO THE JOB;
   – ALL MATERIALS STORED ONSITE WILL BE STORED IN A NEAT, ORDERLY MANNER IN THEIR APPROPRIATE CONTAINERS AND, IF POSSIBLE, UNDER A ROOF OR OTHER ENCLOSURE;
   – PRODUCTS WILL BE KEPT IN THEIR ORIGINAL CONTAINERS WITH THE ORIGINAL MANUFACTURER'S LABEL;
   – SUBSTANCES WILL NOT BE MIXED WITH ONE ANOTHER UNLESS RECOMMENDED BY THE MANUFACTURER;
   – WHENEVER POSSIBLE, ALL OF A PRODUCT WILL BE USED UP BEFORE DISPOSING OF THE CONTAINER;
   – MANUFACTURERS' RECOMMENDATIONS FOR PROPER USE AND DISPOSAL WILL BE FOLLOWED;
   – THE SITE SUPERINTENDENT WILL INSPECT DAILY TO ENSURE PROPER USE AND DISPOSAL OF MATERIALS ONSITE.

   HAZARDOUS PRODUCTS:
   THESE PRACTICES ARE USED TO REDUCE THE RISKS ASSOCIATED WITH HAZARDOUS MATERIALS.
   – PRODUCTS WILL BE KEPT IN ORIGINAL CONTAINERS UNLESS THEY ARE NOT RESEALABLE;
   – ORIGINAL LABELS AND MATERIAL SAFETY DATA WILL BE RETAINED; THEY CONTAIN IMPORTANT PRODUCT INFORMATION;
   – IF SURPLUS PRODUCT MUST BE DISPOSED OF, MANUFACTURER'S OR LOCAL AND STATE RECOMMENDED METHODS FOR PROPER DISPOSAL WILL BE FOLLOWED.

   PRODUCT SPECIFIC PRACTICES:
   THE FOLLOWING PRODUCT SPECIFIC PRACTICES WILL BE FOLLOWED ON SITE:

   PETROLEUM PRODUCTS:
   ALL ONSITE VEHICLES WILL BE MONITORED FOR LEAKS AND RECEIVE REGULAR PREVENTATIVE MAINTENANCE TO REDUCE THE CHANCE OF LEAKAGE. PETROLEUM PRODUCTS WILL BE STORED IN TIGHTLY SEALED CONTAINERS WHICH ARE CLEARLY LABELED. ANY ASPHALT SUBSTANCES USED ONSITE WILL BE APPLIED ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS.

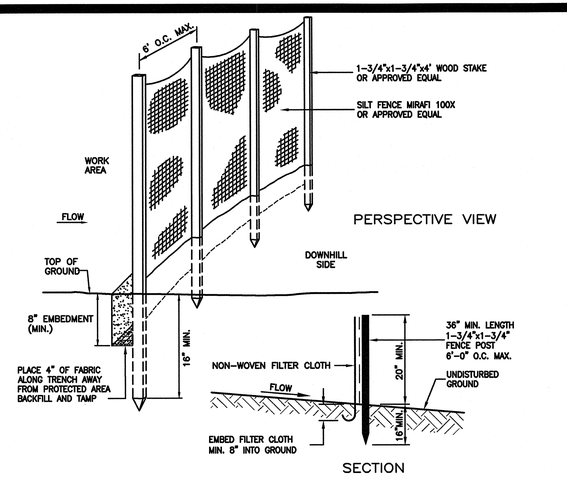
   FERTILIZERS:
   FERTILIZERS USED WILL BE APPLIED ONLY IN THE MINIMUM AMOUNTS RECOMMENDED BY THE MANUFACTURER. ONCE APPLIED, FERTILIZER WILL BE WORKED INTO THE SOLID TO LIMIT EXPOSURE TO STORM WATER. STORAGE WILL BE IN A COVERED SHED. THE CONTENTS OF ANY PARTIALLY USED BAGS OF FERTILIZER WILL BE TRANSFERRED TO A SEALABLE PLASTIC BIN TO AVOID SPILLS.

   PAINTS:
   ALL CONTAINERS WILL BE TIGHTLY SEALED AND STORED WHEN NOT REQUIRED FOR USE. EXCESS PAINT WILL NOT BE DISCHARGED TO THE STORM SEWER BUT WILL BE PROPERLY DISPOSED OF ACCORDING TO MANUFACTURER'S INSTRUCTIONS OR STATE AND LOCAL REGULATIONS.

   CONCRETE TRUCKS:
   EXCESS CONCRETE SHALL BE USED IN AREAS DESIGNATED BY THE SITE CONTRACTOR. WASH WATER SHALL BE DISPOSED OF USING BEST MANAGEMENT PRACTICES. BUILDING CONTRACTOR IS RESPONSIBLE FOR REMOVAL OF ALL DRUM WASH WATER ASSOCIATED WITH CONCRETE FOR THE BUILDING PAD. SITE CONTRACTOR TO COORDINATE AND PROVIDE BUILDING CONTRACTOR WITH AN AREA FOR DRUM WASH WATER.

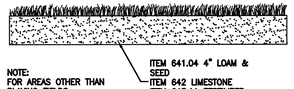
   SPILL CONTROL PRACTICES:
   IN ADDITION TO THE GOOD HOUSEKEEPING AND MATERIAL MANAGEMENT PRACTICES DISCUSSED IN THE PREVIOUS SECTIONS OF THIS PLAN, THE FOLLOWING PRACTICES WILL BE FOLLOWED FOR SPILL PREVENTION AND CLEANUP:
   – MANUFACTURER'S RECOMMENDED METHODS FOR SPILL CLEANUP WILL BE CLEARLY POSTED AND SITE PERSONNEL WILL BE MADE AWARE OF THE PROCEDURES AND THE LOCATION OF THE INFORMATION AND CLEANUP SUPPLIES.
   – MATERIALS AND EQUIPMENT NECESSARY FOR SPILL CLEANUP WILL BE KEPT IN THE MATERIAL STORAGE AREA ONSITE. EQUIPMENT AND MATERIALS WILL INCLUDE BUT NOT BE LIMITED TO BROOMS, DUST PANS, MOPS, RAGS, GLOVES, GOGGLES, KITTY LITTER, SAND, SAWDUST, AND PLASTIC AND METAL TRASH CONTAINERS SPECIFICALLY FOR THIS PURPOSE.
   – ALL SPILLS WILL BE CLEANED UP IMMEDIATELY AFTER DISCOVERY.
   – THE SPILL AREA WILL BE KEPT WELL VENTILATED AND PERSONNEL WILL WEAR APPROPRIATE PROTECTIVE CLOTHING TO PREVENT INJURY FROM CONTACT WITH A HAZARDOUS SUBSTANCE.
   – SPILLS OF TOXIC OR HAZARDOUS MATERIAL WILL BE REPORTED TO THE APPROPRIATE STATE OR LOCAL GOVERNMENT AGENCY, REGARDLESS OF SIZE.
   – THE SPILL PREVENTION PLAN WILL BE ADJUSTED TO INCLUDE MEASURES TO PREVENT THIS TYPE OF SPILL FROM REOCCURRING AND HOW TO CLEAN UP THE SPILL IF THERE IS ANOTHER ONE. A DESCRIPTION OF THE SPILL, WHAT CAUSED IT, AND THE CLEANUP MEASURES WILL ALSO BE INCLUDED.
   – THE SITE SUPERINTENDENT RESPONSIBLE FOR THE DAY-TO-DAY SITE OPERATIONS, WILL BE THE SPILL PREVENTION AND CLEANUP COORDINATOR. THEY WILL DESIGNATE AT LEAST THREE OTHER SITE PERSONNEL WHO WILL EACH RECEIVE SPILL PREVENTION AND CLEANUP TRAINING. THESE INDIVIDUALS WILL EACH BECOME RESPONSIBLE FOR A PARTICULAR PHASE OF PREVENTION AND CLEANUP. THE NAMES OF RESPONSIBLE SPILL PERSONNEL WILL BE POSTED IN THE MATERIAL STORAGE AREA AND IN THE OFFICE TRAILER ONSITE.

8. THE CONTRACTOR IS RESPONSIBLE TO MAINTAIN RECORDS OF CONSTRUCTION ACTIVITIES, INCLUDING DATES OF MAJOR GRADING ACTIVITIES, DATES WHEN CONSTRUCTION ACTIVITIES HAVE TEMPORARILY CEASED ON A PORTION OF THE SITE, DATES WHEN WORK IS COMPLETED ON A PORTION OF THE SITE, AND DATES WHEN STABILIZATION MEASURES ARE INITIATED ONSITE.
9. THE CONTRACTOR SHALL PERFORM INSPECTIONS OR HAVE A CONSULTING ENGINEER PERFORM INSPECTIONS EVERY SEVEN (7) DAYS OR WITHIN 24 HOURS AFTER A STORM OF 0.5 INCH OR GREATER. INSPECTIONS REPORTS ARE TO BE KEPT ON FILE AT THE SITE WITH THIS PLAN. MAINTENANCE OR MODIFICATION SHALL BE IMPLEMENTED AND ADDED TO THE PLAN AS RECOMMENDED BY THE QUALIFIED INSPECTOR.



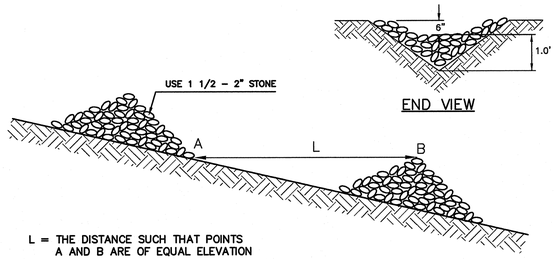
SILT FENCE

NOT TO SCALE



LOAM & SEED DETAIL

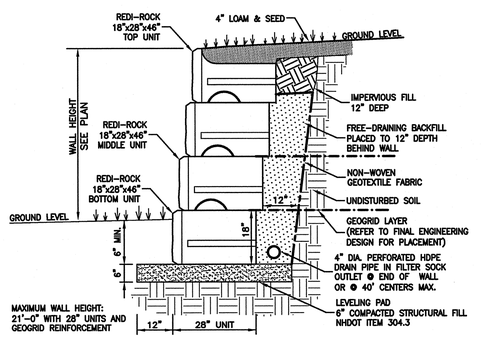
NOT TO SCALE



STONE CHECK DAM

IN SWALE

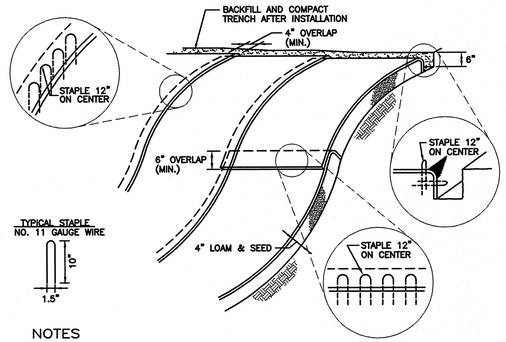
NOT TO SCALE



REDI-ROCK RETAINING WALL

REINFORCED WITH GEOGRID

SCALE: 1/2"=1'-0"



NOTES

1. BEGIN AT THE TOP OF BLANKET INSTALLATION AREA BY ANCHORING BLANKET IN A 6" DEEP TRENCH. BACKFILL AND COMPACT TRENCH AFTER STAPLING.
2. ROLL THE BLANKET DOWN THE SWALE IN THE DIRECTION OF THE WATER FLOW.
3. THE EDGES OF BLANKETS MUST BE STAPLED WITH APPROX. 4 INCH OVERLAP WHERE 2 OR MORE STRIP WIDTHS ARE REQUIRED.
4. WHEN BLANKETS MUST BE SPLICED DOWN THE SWALE, PLACE BLANKET END OVER END WITH 6 INCH (MIN.) OVERLAP AND ANCHOR DOWN SLOPE BLANKET IN A 6 INCH DEEP TRENCH.
5. BLANKET SHALL BE NORTH AMERICAN GREEN SC-150 OR APPROVED EQUAL.

BLANKET SLOPE PROTECTION

FOR EROSION CONTROL

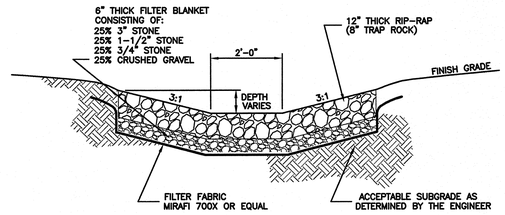
NOT TO SCALE

CONSTRUCTION SPECIFICATIONS

1. THE SUBGRADE FOR THE FILTER MATERIAL, GEOTEXTILE FABRIC OR RIP-RAP SHALL BE CLEARED AND GRUBBED TO REMOVE ALL ROOTS, VEGETATION, AND DEBRIS AND PREPARED TO THE LINES AND GRADES SHOWN ON THE PLANS.
2. THE ROCK AND/OR GRAVEL USED FOR FILTER AND RIP-RAP SHALL CONFORM TO THE SPECIFIED GRADUATION.
3. GEOTEXTILE FABRICS SHALL BE PROTECTED FROM ROCK RIP-RAP BY PLACING A CUSHION OF SAND AND PUNCTURE OR TEARING DURING PLACEMENT OF THE FABRIC SHALL BE REPAIRED BY PLACING A PIECE OF GRAVEL OVER THE FABRIC. DAMAGED AREAS IN THE FABRIC OVER THE DAMAGED AREA OR BY COMPLETE REPLACEMENT OF THE FABRIC. ALL OVERLAPS REQUIRED FOR REPAIRS OR JOINING TWO PIECES OF FABRIC SHALL BE A MINIMUM OF 12 INCHES.
4. STONE FOR THE RIP-RAP MAY BE PLACED BY EQUIPMENT AND SHALL BE CONSTRUCTED TO THE FULL LAYER THICKNESS IN ONE OPERATION AND IN SUCH A MANNER AS TO PREVENT DISPLACEMENT OF THE UNDERLYING MATERIALS. HAND PLACEMENT MAY BE REQUIRED TO PREVENT DAMAGE TO ANY PERMANENT STRUCTURES.
5. STONES FOR RIP-RAP SHALL BE ANGULAR OR SUBANGULAR. THE STONES SHOULD BE SHAPED SO THAT THE LEAST DIMENSION OF THE STONE FRAGMENT SHALL BE NOT LESS THAN ONE-THIRD OF THE GREATEST DIMENSION OF THE FRAGMENT. FLAT ROCKS SHALL NOT BE USED AS RIP-RAP.
6. VOIDS IN THE ROCK RIP-RAP SHOULD BE FILLED WITH SPALLS AND SMALLER ROCKS.

MAINTENANCE

1. ROCK RIP-RAP SHOULD BE CHECKED AT LEAST ANNUALLY AND AFTER EVERY MAJOR STORM. IF THE RIP-RAP HAS BEEN DISPLACED, UNDERMINED OR DAMAGED, IT SHOULD BE REPAIRED IMMEDIATELY BEFORE FURTHER DAMAGE CAN TAKE PLACE. WOODY VEGETATION SHOULD BE REMOVED FROM THE ROCK RIP-RAP ANNUALLY.
2. IF THE RIP-RAP IS ON A CHANNEL BANK THE STREAM SHOULD BE KEPT CLEAR OF OBSTRUCTIONS.
3. REPAIRS MUST BE CARRIED OUT IMMEDIATELY TO AVOID ADDITIONAL DAMAGE TO THE RIP-RAP.



RIP RAP SWALE

NOT TO SCALE

PROGRESS PRINT
DECEMBER 11, 2006

TAX MAP 2 LOTS 5-59, 5-68, 5-71, 5-73, 5-74

DETAIL SHEET

RAYMOND PARK

419 MAMMOTH ROAD
PELHAM, NH

OWNED BY AND PREPARED FOR

TOWN OF PELHAM
6 VILLAGE GREEN, PELHAM, NH 03076

SCALE: AS NOTED

MAY 25, 2006

REV.	DATE	DESCRIPTION	DR	CK

TFM
Civil Engineers
Structural Engineers
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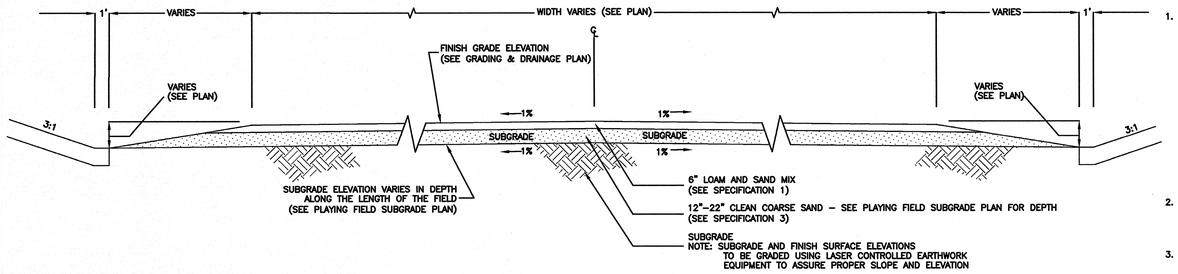
FILE						
17265.00	DR	AKF	FB	–	SHEET 11 OF 13	
	CK	JK	CADFILE	17265-00 Details		



ALL PURPOSE SOCCER FIELD SECTION

1"= 5'

SPECIFICATION:

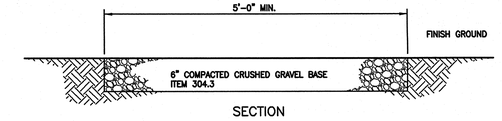
1. TOPSOIL
   - LOAM (ITEM 641) TO BE MIXED WITH SAND TO ACHIEVE A 70% SAND CONCENTRATION AND LIME IS TO BE ADDED TO ACHIEVE A PH OF 7.0-7.2
   - INCREASE SAND CONCENTRATION TO 70% BY ADDING SAND MEETING THE FOLLOWING SPECIFICATIONS:

US STANDARD SIEVE SIZE	PERCENT FINER
#4	100
#10	70-100
#40	10-50
#100	0-5
#200	0

   - THE CONTRACTOR SHALL DO A TEST SAMPLE TO DETERMINE THE MIX RATIO; THIS SHALL BE FIELD TESTED BY A GEOTECHNICAL ENGINEER TO CONFIRM THAT THE FIELD TOPSOIL MIX MEETS SPECIFICATION.
2. GRASS
   - SEEDING RATE 5 POUNDS PER 1000 S.F. IN TWO DIRECTIONS.
   - SEED MIX 50% BLUEGRASS (BLENDS)
     50% PERENNIAL RYE GRASS (BLENDS)
3. CLEAN COARSE SAND

US STANDARD SIEVE SIZE	PERCENT FINER
3/8 INCH	100
#4	65-90
#10	40-75
#40	5-40
#100	0
#200	0

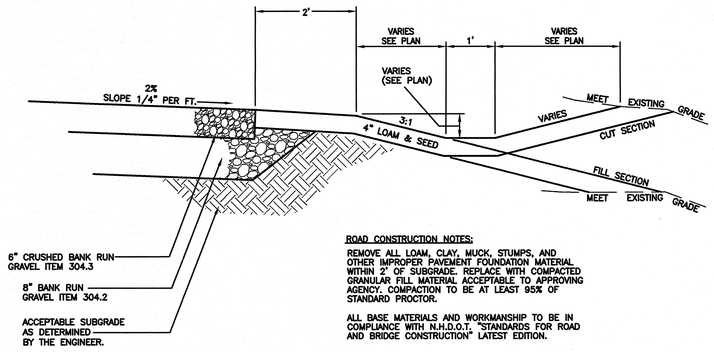
   - THE ABOVE-RECOMMENDED DRAINAGE LAYER GRADATION WAS DESIGNED CONSIDERING BOTH FILTERING CHARACTERISTICS RELATIVE TO THE OVERLYING TOPSOIL AND PERMEABILITY REQUIREMENTS FOR TRANSMISSION OF SURFACE INFILTRATION THROUGH THE TOPSOIL. THE DRAINAGE LAYER MATERIAL SHOULD BE PLACED WITH ONLY NOMINAL COMPACTION APPLIED BY A DOZER OR GRADER. FORMAL COMPACTION USING A VIBRATORY STEEL DRUM ROLLER SHOULD NOT BE USED AS DENSIFICATION WILL REDUCE THE PERMEABILITY AND THE ABILITY OF THE SAND LAYER TO PROPERLY DRAIN.



SECTION

5' WIDE GRAVEL PATH

NOT TO SCALE



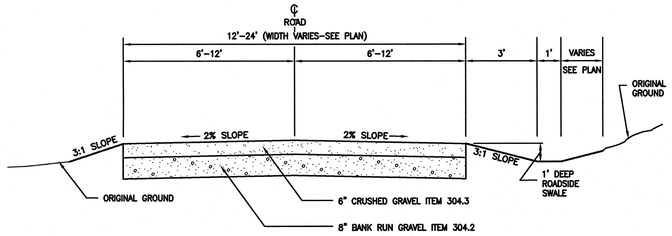
ROAD CONSTRUCTION NOTES:

REMOVE ALL LOAM, CLAY, MUCK, STUMPS, AND OTHER IMPROPER PAVEMENT FOUNDATION MATERIAL WITHIN 2' OF SUBGRADE. REPLACE WITH COMPACTED GRANULAR FILL MATERIAL ACCEPTABLE TO APPROVING AGENCY. COMPACTION TO BE AT LEAST 95% OF STANDARD PROCTOR.

ALL BASE MATERIALS AND WORKMANSHIP TO BE IN COMPLIANCE WITH N.H.D.O.T. "STANDARDS FOR ROAD AND BRIDGE CONSTRUCTION" LATEST EDITION.

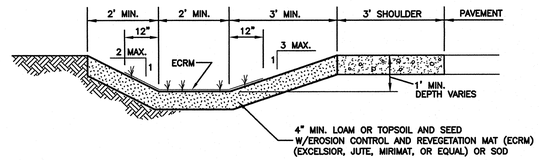
GRAVEL PARKING LOT SECTION WITH DITCH

OPEN DRAINAGE SYSTEM NOT TO SCALE



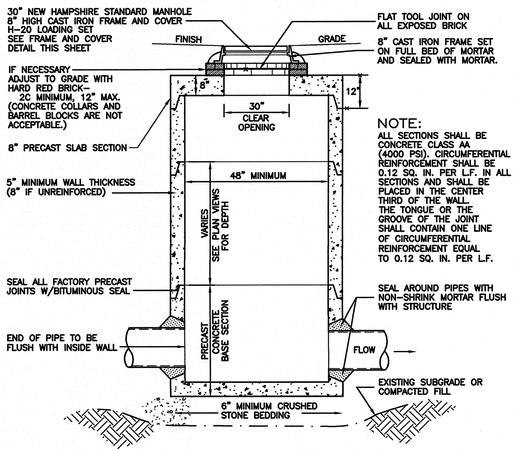
GRAVEL ACCESS ROAD

NOT TO SCALE



GRASS LINED SWALE

FOR USE WHERE VELOCITIES ARE 3 CFS OR LESS NOT TO SCALE

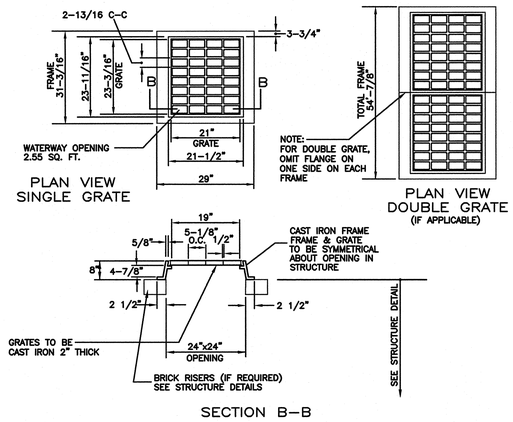


NOTE:
ALL SECTIONS SHALL BE CONCRETE CLASS AA (4000 PSI). CIRCUMFERENTIAL REINFORCEMENT SHALL BE 0.12 SQ. IN. PER L.F. IN ALL SECTIONS AND SHALL BE PLACED IN THE CENTER THIRD OF THE WALL. THE TONGUE OR THE GROOVE OF THE JOINT SHALL CONTAIN ONE LINE OF CIRCUMFERENTIAL REINFORCEMENT EQUAL TO 0.12 SQ. IN. PER L.F.

NOTE: ALL PRECAST SECTIONS SHALL CONFORM TO ASTM C-478

DRAIN MANHOLE

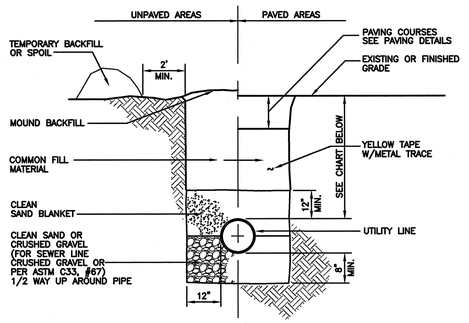
SLAB TOP NOT TO SCALE



SECTION B-B

FRAME AND GRATE

NHDOT TYPE B ALT 1 NOT TO SCALE



UTILITY	MINIMUM PIPE COVER	
	PAVED AREAS	UNPAVED AREAS
STORM DRAIN	3'	3' (2' FOR CROSS CULVERTS UNDER GRAVEL ROAD)

TRENCH

FOR DRAIN LINES NOT TO SCALE

PROGRESS PRINT

DECEMBER 11, 2006

TAX MAP 2 LOTS 5-59, 5-68, 5-71, 5-73, 5-74

DETAIL SHEET

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419 MAMMOTH ROAD

PELHAM, NH

OWNED BY AND PREPARED FOR

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6 VILLAGE GREEN, PELHAM, NH 03076

SCALE: AS NOTED **MAY 25, 2006**

REV.	DATE	DESCRIPTION	DR	CK

TFM
Civil Engineers
Structural Engineers
Traffic Engineers
Land Surveyors
Landscape Architects
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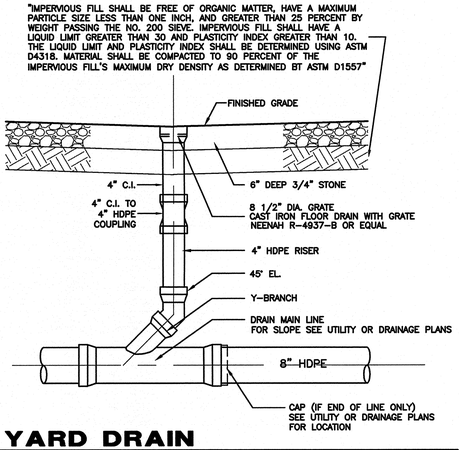
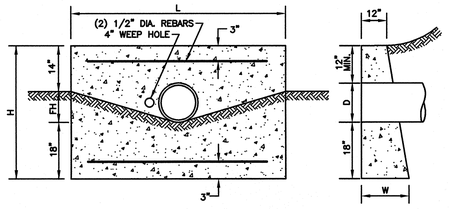
FILE 17265.00 | DR AKF | FB - | CK JK | CADFILE 17265-00 Details | SHEET 12 OF 13



YARD DRAIN

NOT TO SCALE

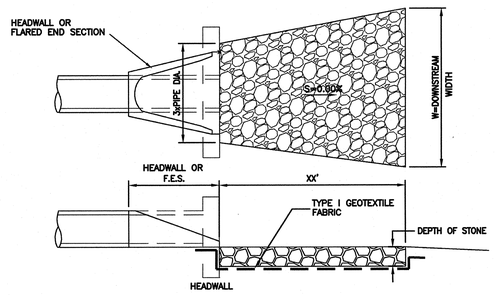
D	MAS.PER STD.HDR. CU.YD.	STEEL PER STD. HDR.LB.	LENGTH OF BARS	L	H	FH	W
12	.61	9	3'-2"	3'-6"	3'-6"	0'-10"	1'-10.5"
15	.85	11	3-10	4-6	3-9	1-1	1-11.25
18	1.13	14	5-2	5-6	4-0	1-4	2-0
24	1.78	20	7-2	7-6	4-6	1-10	2-1.5
30	2.58	25	9-2	9-6	5-0	2-4	2-3
36	3.53	31	11-2	11-6	5-6	2-10	2-4.5
42	4.65	36	13-2	13-6	6-0	3-4	2-6
48	5.95	42	15-2	15-6	6-6	3-10	2-7.5



CONCRETE HEADWALL

SINGLE PIPE SYSTEM

NOT TO SCALE



CONSTRUCTION SPECIFICATIONS:

1. THE SUBGRADE FOR THE GEOTEXTILE FABRIC AND RIP-RAP SHALL BE PREPARED TO THE LINES AND GRADES SHOWN ON THE PLANS.
2. THE ROCK USED FOR RIP-RAP SHALL CONFORM TO THE SPECIFIED GRADATION.
3. GEOTEXTILE FABRICS SHALL BE PROTECTED FROM PUNCTURE OR TEARING DURING THE PLACEMENT OF THE ROCK RIP-RAP. DAMAGED AREAS IN THE FABRIC SHALL BE REPAIRED BY PLACING A PIECE OF FABRIC OVER THE DAMAGED AREA OR BY COMPLETE REPLACEMENT OF THE FABRIC. ALL OVERLAPS REQUIRED FOR REPAIRS OR JOINING TWO PIECES OF FABRIC SHALL BE A MINIMUM OF 12 INCHES.
4. STONE FOR THE RIP-RAP MAY BE PLACED BY EQUIPMENT AND SHALL BE CONSTRUCTED TO THE FULL LAYER THICKNESS IN ONE OPERATION AND IN SUCH A MANNER AS TO PREVENT SEGREGATION OF THE STONE SIZES.

OUTLET APRON

NOT TO SCALE

CONSTRUCTION SPECIFICATIONS:

PREPARE BEDDING:

BACKFILL MATERIAL AROUND THE END SECTION MAY BE THE SAME AS THE MATERIAL AROUND THE PIPE. PLACE A FEW INCHES OF BACKFILL MATERIAL IN THE TRENCH OR DITCH WHERE THE END SECTION WILL BE PLACED. COMPACT AND CONTOUR THIS BEDDING MATERIAL TO GENERALLY MATCH THE END SECTION. EXCAVATE AN AREA IN THE BEDDING WHERE TOE TROUGH WILL SEAT SO THAT THE END SECTION WILL BE LEVEL WITH THE BOTTOM OF THE TRENCH OR DITCH IN THE FINISHED INSTALLATION.

PLACE END SECTION OF PIPE:

OPEN THE END SECTION COLLAR AND SEAT IT OVER THE TWO PIPE CONNECTIONS. ONCE THE END SECTION IS POSITIONED, CHECK TO MAKE SURE THAT THE INVERT OF THE END SECTION MATCHES THE INVERT OF THE PIPE AND THAT THE END SECTION IS LEVEL WITH THE TRENCH OR DITCH BOTTOM.

SECURE THE END SECTION:

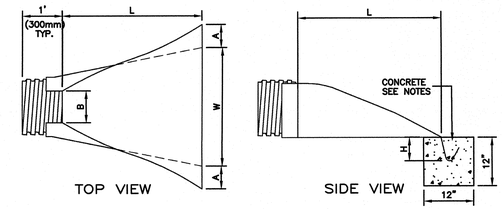
SLIP THE STAINLESS STEEL ROD THROUGH THE PRE-DRILLED HOLES AT THE TOP OF THE COLLAR. THE ROD SHOULD BE BETWEEN THE CROWNS OF THE TWO PIPE CONNECTIONS. PLACE A WASHER ON EITHER END OF THE ROD. PLACE A NUT ON EITHER END OF THE ROD AND TIGHTEN WITH A WRENCH.

SECURE THE TOE TROUGH:

TO PREVENT WASHOUTS FROM HIGH VELOCITY FLOW, IT IS RECOMMENDED THAT THE TROUGH BE SECURED WITH CONCRETE. POUR CONCRETE IN THE TROUGH UP TO THE LEVEL OF THE TRENCH OR DITCH BOTTOM AND ALONG THE ENTIRE LENGTH OF THE TROUGH.

FINISH BACKFILL:

SHOVEL BACKFILL AROUND THE END SECTION IN 6 TO 9 INCH LAYERS EQUALLY ON BOTH SIDES, KNIFING IT TO ELIMINATE VOIDS. TAMP WITH A SMALL-FACED COMPACTOR OR OTHER EQUIPMENT SUITABLE FOR SMALL AREAS. CONTINUE PLACING, KNIFING, AND COMPACTING BACKFILL LAYERS TO THE TOP OF THE END SECTION TO SEAT IT WELL INTO THE BACKFILL.

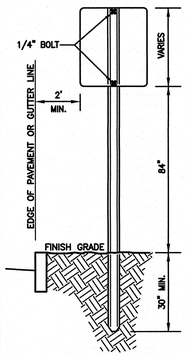


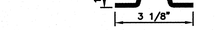
PIPE DIAMETER	DIMENSIONS, INCHES (mm) PART NO.	A, ±1 (25)	B MAX	H, ±1 (25)	L, ±1/2 (13)	W, ±2 (50)
12", 15" (300,375)	1210 NP	6.5 (165)	10 (254)	6.5 (165)	25 (635)	29 (736)
18" (450)	1810 NP	7.5 (190)	15 (380)	6.5 (168)	32 (812)	35 (890)
24" (600)	2410 NP	7.5 (190)	18 (450)	6.5 (165)	36 (900)	45 (1140)
30" (750)	3010 NP	10.5 (266)	NA	7.0 (178)	53 (1346)	68 (1725)
36" (900)	3610 NP	10.5 (266)	NA	7.0 (178)	53 (1346)	68 (1725)

FLARED END SECTION

HIGH DENSITY POLYETHYLENE (HDPE)

NOT TO SCALE





LENGTH: P-12, 12'-0"; P-14, 14'-0"; P-16, 16'-0".

WEIGHT PER LINEAR FOOT: 2.50 LBS. (MIN.)

HOLES: 3/8" DIA. 1' C-C FULL LENGTH

STEEL: SHALL CONFORM TO ASTM A-499 (GRADE 60) OR ASTM A-576 (GRADE 1070-1080).

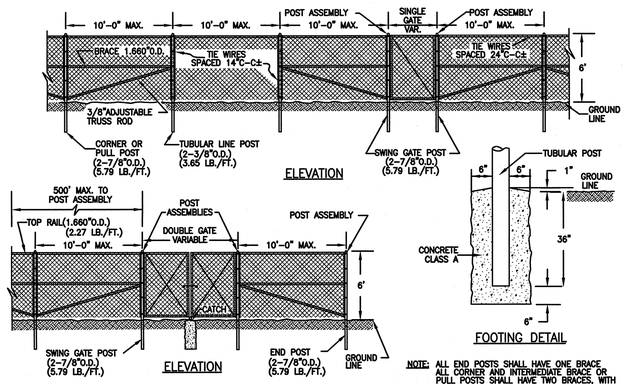
FINISH: SHALL BE PAINTED WITH TWO COATS OF AN APPROVED MEDIUM GREEN, BAKED ON OR AIR DRIED. PAINT OF WEATHER RESISTANT QUALITY. ALL FABRICATION SHALL BE COMPLETE BEFORE PAINTING.

NOTES

1. POSTS SHALL BE PLUMB; ANY POST BENT OR OTHERWISE DAMAGED SHALL BE REMOVED AND PROPERLY REPLACED. POSTS MAY BE SET OR DRIVEN.
2. WHEN POSTS ARE SET, HOLES SHALL BE DUG TO THE PROPER DEPTH, AFTER INSERTING POSTS, THE HOLES SHALL BE BACKFILLED WITH SUITABLE MATERIAL IN LAYERS NO TO EXCEED 6" DEEP THOROUGHLY COMPACTED, CARE BEING TAKEN TO PRESERVE THE ALIGNMENT OF THE POST.
3. WHEN POSTS ARE DRIVEN, A SUITABLE DRIVING CAP SHALL BE USED AND AFTER DRIVING THE TOP OF THE POST SHALL HAVE SUBSTANTIALLY THE SAME CROSS-SECTIONAL DIMENSION AS THE BODY OF THE POST; BATTERED HEADS WILL NOT BE ACCEPTED.
4. POSTS SHALL NOT BE DRIVEN WITH THE SIGN ATTACHED TO THE POST.
5. SIGNS SHALL BE ERECTED IN CONFORMANCE WITH THE REQUIEMENTS OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES".
6. WHEN SIGN IS IN PLACE NO PART OF POST SHALL EXTEND ABOVE THE SIGN.
7. DIMENSIONS SHOWN ARE NOMINAL.
8. ALTERNATE SECTIONS MUST BE APPROVED PRIOR TO USE.

TRAFFIC SIGN POST IN GRADE

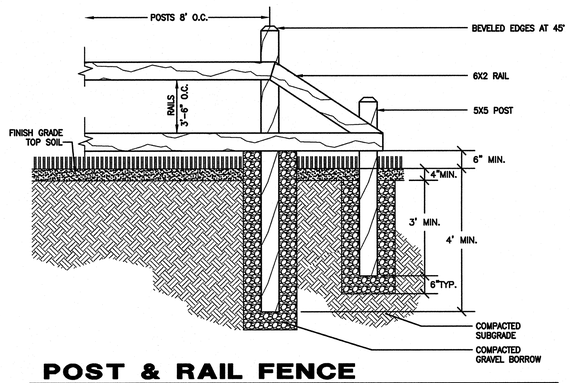
NOT TO SCALE



NOTE: ALL END POSTS SHALL HAVE ONE BRACE ALL CORNER AND INTERMEDIATE BRACE OR PULL POSTS SHALL HAVE TWO BRACES, WITH A MAXIMUM SPACING OF BETWEEN POST ASSEMBLIES OF 500 FEET.

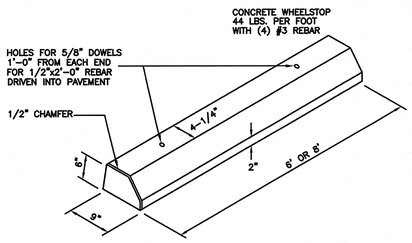
CHAIN LINK FENCE DETAIL

NOT TO SCALE



POST & RAIL FENCE

NOT TO SCALE



CONCRETE WHEELSTOP

NOT TO SCALE

PROGRESS PRINT

DECEMBER 11, 2006

TAX MAP 2 LOTS 5-59, 5-68, 5-71, 5-73, 5-74

DETAIL SHEET

RAYMOND PARK

419 MAMMOTH ROAD

PELHAM, NH

OWNED BY AND PREPARED FOR

TOWN OF PELHAM

6 VILLAGE GREEN, PELHAM, NH 03076

SCALE: AS NOTED **MAY 25, 2006**

REV.	DATE	DESCRIPTION	DR	CK

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FILE 17265.00 | DR AKF | CK JK | FB — | CADFILE 17265-00 Details | SHEET 13 OF 13