

SOIL REMOVAL & TREE REMOVAL PLAN

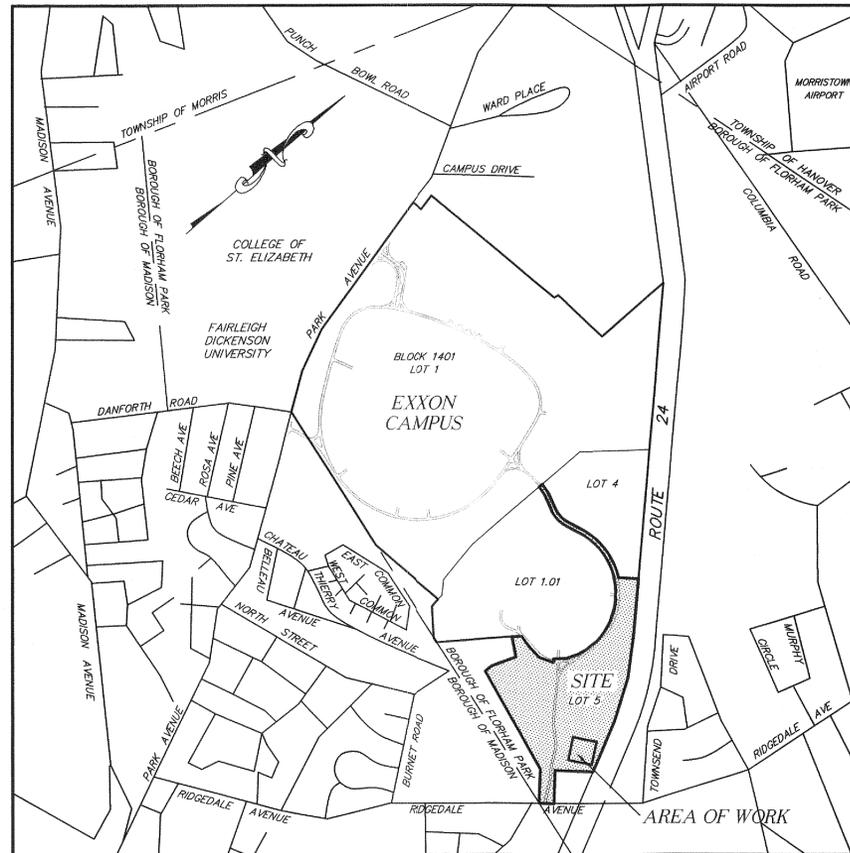
ROCKEFELLER GROUP CORPORATE PARK

BUILDING 106 SITE

A PORTION OF LOT 5 BLOCK 1401

BOROUGH OF FLORHAM PARK

MORRIS COUNTY, NEW JERSEY



KEY MAP
SCALE 1" = 1200'

SHEET INDEX

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4	EXISTING CONDITIONS & PROPOSED SOIL REMOVAL PLAN
5	PROPOSED TREE REMOVAL PLAN
6	GRADING PLAN AND SOIL EROSION PLAN
7	SOIL EROSION DETAILS AND NOTES



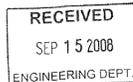
**MELICK-TULLY
AND ASSOCIATES, P.C.**
GEOTECHNICAL ENGINEERS AND
ENVIRONMENTAL CONSULTANTS

June 20, 2008

Principals:
RAYMOND J. TULLY, P.E.
EUGENE M. GALLAGHER, JR., P.E.
ROBERT E. SCHWANKERT, P.E.
TODD E. HORNOWITZ, P.E.
MARK R. BENDU, P.E.

Senior Associates:
RICHARD D. LEV, P.E.
STEVEN D. THORNE, P.E.
JAMES H. BEATTIE, P.E.

Consultants:
THOMAS E. TULLY, P.E.
CHARLES T. MELICK, P.E.
ROBERT J. VAN ORDEN, P.E.



Borough of Florham Park
111 Ridgedale Road
Florham Park, New Jersey 07932

Attention: Mr. Michael Sgarammela, P.E.
Municipal Engineer

Re: NJDEP No Further Action Declaration
Building 106 Property
Case No. 07-11-14-1715-29
Florham Park, Morris County, New Jersey
Rock Florham, L.L.C.

Dear Mr. Sgarammela:

Melick-Tully and Associates, P.C. (MTA) is pleased to enclose the fully executed, unrestricted use "No Further Action" declaration for the completed removal of non-native fill materials from the Building 106 property located within the Rockefeller Group Corporate Park in Florham Park, Morris County, New Jersey. The subject property is part of Block 1401, Lot 5 on the municipal tax map.

Should you have any questions or require additional information, please contact us immediately.

Very truly yours,

MELICK-TULLY and ASSOCIATES, P.C.

Richard D. Lev
Richard D. Lev, C.P.G.
Senior Associate

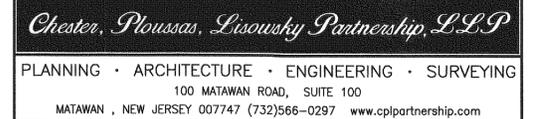
RDL/rdl
2141-064*1E
(1 copy submitted)

Enclosure
cc: Mr. Ken Sicknick, Morris County Soil Conservation District
Mr. Glenn Muleucis, Rock Florham, L.L.C.

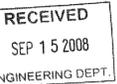
Please Reply to:
NORTHHERN NJ OFFICE: 117 Canal Road, South Bound Brook, NJ 08980 / Phone: (732) 356-3400 Fax: (732) 356-9054
SOUTHERN NJ OFFICE: 520 Fellowship Road, Suite B206, Mount Laurel, NJ 08054 / Phone: (856) 914-0077 Fax: (856) 914-0078
SOUTHERN NY OFFICE: 324 Route 208, Morris, NY 10950 / Phone: (845) 783-9190 Fax: (845) 783-5060

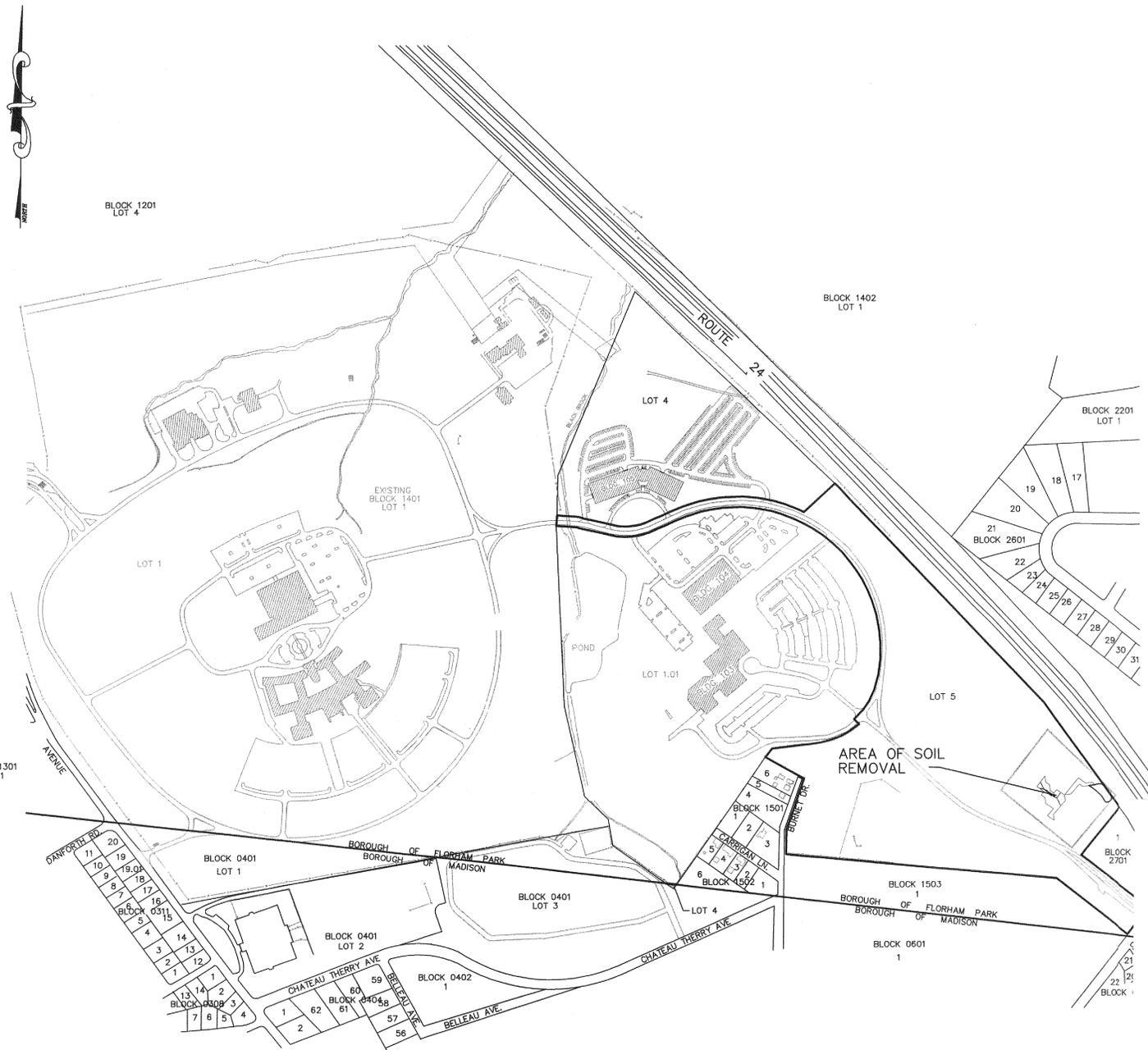
OWNER & APPLICANT:

ROCK FLORHAM, L.L.C.
C/O THE ROCKEFELLER GROUP
500 INTERNATIONAL DRIVE, SUITE 345
MOUNT OLIVE, NEW JERSEY 07828
1-973-347-9100

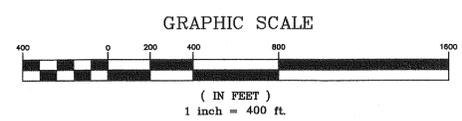


FILE No. 07008
PLANS DATED: MARCH 1, 2007
PLANS REVISED: JAN. 16, 2008





VICINITY MAP




State of New Jersey
 Department of Environmental Protection
 Office of Brownfield Reuse
 Cleanup Star Program
 P.O. Box 028
 401 East State Street, 6th floor
 Trenton, New Jersey 08625-0028
 Telephone: (609) 292-1251
 Facsimile: (609) 777-1914

Mr. Glen P. Mulecisz
 Rock Florham, LLC
 500 International Dr - Suite 345
 Mount Olive, NJ 07828
 June 4, 2008
RECEIVED
JUN 11 2008
RGDC Construction

Dear Mr. Mulecisz:
 Pursuant to N.J.S.A. 58:10B-13.1 and N.J.A.C. 7:26C, the New Jersey Department of Environmental Protection (Department) makes a determination that no further action is necessary for the remediation of the area of concern, specifically referenced above, except as noted below, so long as Rock Florham, LLC did not withhold any information from the Department. This action is based upon information in the Department's case file and Rock Florham, LLC's final certified report dated May 1, 2008 and received May 5, 2008. In issuing this No Further Action Determination and Covenant Not to Sue, the Department has relied upon the certified representations and information provided to the Department. This letter supersedes the No Further Action Determination Letter dated May 29, 2008.
 By issuance of this No Further Action Determination, the Department acknowledges the completion of a Site Investigation, Remedial Investigation and Remedial Action pursuant to the Technical Requirements for Site Remediation (N.J.A.C. 7:26E) for the area of concern specially referenced above and no other areas.

NO FURTHER ACTION CONDITIONS
 As a condition of this No Further Action Determination pursuant to N.J.S.A. 58:10B-12, Rock Florham, LLC and any other person who was liable for the cleanup and removal costs, and remains liable pursuant to the Spill Act, shall inform the Department in writing within 14 calendar days whenever its name or address changes. Any notices submitted pursuant to this paragraph shall reference the above case numbers and shall be sent to: Director, Division of Remediation Management and Response, P.O. Box 28, Trenton, NJ 08625.

COVENANT NOT TO SUE
 The Department issues this Covenant Not to Sue (Covenant) pursuant to N.J.S.A. 58:10B-13.1. That statute requires a Covenant not to sue with each no further action letter. However, in accordance with N.J.S.A. 58:10B-13.1, nothing in this Covenant shall benefit any person who is liable, pursuant to the Spill Compensation and Control Act (Spill Act), N.J.S.A. 58:10-23.11, for cleanup and removal costs and the Department makes no representation by the issuance of this Covenant, either express or implied, as to the Spill Act liability of any person.

The Department covenants, except as provided in the preceding paragraph, that it will not bring any civil action against:

- (a) the person who undertook the remediation;
- (b) subsequent owners of the subject property;
- (c) subsequent lessees of the subject property; and
- (d) subsequent operators at the subject property;

for the purposes of requiring remediation to address contamination which existed prior to the date of the final certified report (Remedial Action Report dated May 1, 2008 and received May 5, 2008) for the real property at the site identified above, payment of compensation for damages to, or loss of, natural resources, for the restoration of natural resources in connection with the discharge on the property, or payment of cleanup and removal costs for such additional remediation.

Pursuant to N.J.S.A. 58:10B-13.1d, this Covenant does not relieve any person from the obligation to comply in the future with laws and regulations. The Department reserves its right to take all appropriate enforcement for any failure to do so.

The Department may revoke this Covenant at any time after providing notice upon its determination that any person with the legal obligation to comply with any condition in this No Further Action Determination has failed to do so; this Covenant, which the Department has executed in duplicate, shall take effect immediately once the person who undertook the remediation has signed and dated the Covenant in the lines supplied below and the Department has received one copy of this document bearing original signatures of the Department and the person who undertook the remediation.

Rock Florham, LLC
 By: Glen P. Mulecisz
 Signature: [Signature]
 Title: Vice President
 Dated: 6/19/08

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
 By: Kenneth J. Kloo
 Signature: [Signature]
 Title: Administrator, Office of Brownfield Reuse
 Dated: June 2, 2008

Thank you for your attention to these matters. If you have any questions, please contact Gary Sanderson, Cleanup Star Program Coordinator at (609) 633-0444.

Sincerely,
[Signature]
 Kenneth J. Kloo, Administrator
 Office of Brownfield Reuse

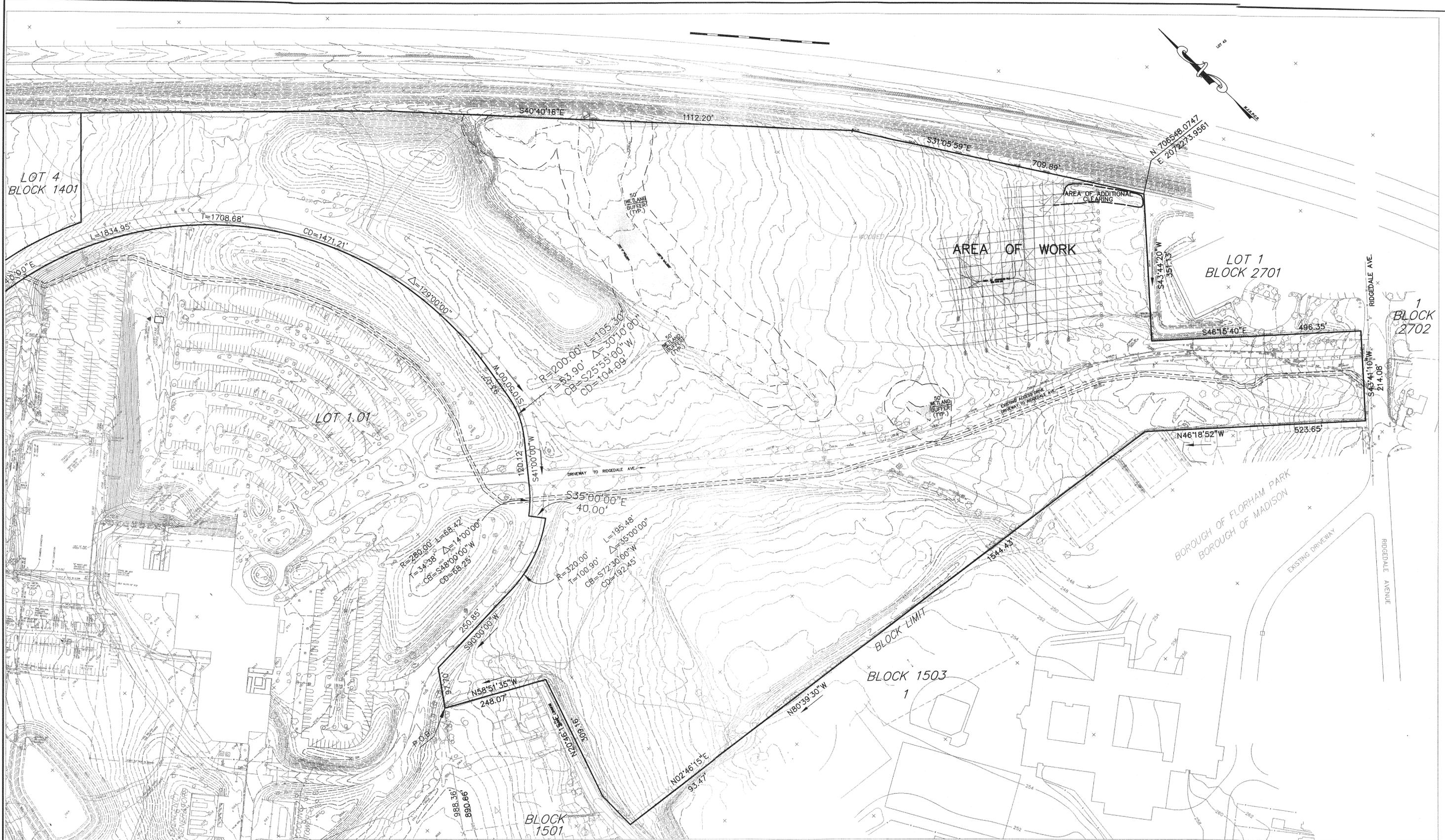
c: Municipal Clerk, Florham Park Borough
 John Theese, Madison Borough Board of Health
 Howard Steinberg, Morris County Office of Health Management
 Kenneth Goldstein, Ramsey Environmental
 Gary Sanderson, NIDEP/OBR/Cleanup Star Program

GENERAL NOTES:

- 1 OWNER & APPLICANT:
 ROCK FLORHAM, L.L.C.
 C/O THE ROCKEFELLER GROUP
 500 INTERNATIONAL DRIVE, SUITE 345
 MOUNT OLIVE, NEW JERSEY 07828
 PHONE: (973) 347-9100
- 2 BEING KNOWN AS LOT 5, BLOCK 1401 AS SHOWN ON SHEET 14 OF THE TAX MAPS OF THE BOROUGH OF FLORHAM PARK, MORRIS COUNTY, NEW JERSEY.
- 3 ENTIRE TRACT IS COMPRISED OF:
 LOT 5, BLOCK 1401 55.0996 ACRES
 (FLORHAM PARK)
- 4 ZONING DISTRICT: C-1 OFFICE AND MANUFACTURING
- 5 BOUNDARY INFORMATION SHOWN HEREIN OBTAINED FROM PRELIMINARY & FINAL SUBDIVISION PLAT PREPARED BY THE CHESTER, PLOUSSAS, LISOWSKY PARTNERSHIP, DATED JUNE 21, 2002, AND REVISED THROUGH SEPTEMBER 24, 2002, ENTITLED "PRELIMINARY & FINAL SUBDIVISION PLAT, LOT 4, BLOCK 1401, BOROUGH OF FLORHAM PARK, MORRIS COUNTY, NEW JERSEY".
- 6 TOPOGRAPHIC MAPPING SHOWN HEREON COMPILED BY AERIAL PHOTOGRAPHY DATED MARCH 18, 1995, VERTICAL DATUM - N.G.V.D. OF 1929, HORIZONTAL GRID - NEW JERSEY PLANE COORDINATE SYSTEM, N.A.D. 1927. FIELD VERIFICATION OF CRITICAL ELEVATIONS OBTAINED IN JANUARY 2006 BY CHESTER, PLOUSSAS, LISOWSKY PARTNERSHIP, LLP.
- 7 ALL CONSTRUCTION SHOWN HEREON SHALL BE IN ACCORDANCE WITH THE "NEW JERSEY DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", DATED 1989, AS AMENDED AND SUPPLEMENTED.
- 8 ALL INSTALLATION, CONSTRUCTION AND MAINTENANCE OF SOIL EROSION ELEMENTS SHALL BE IN COMPLIANCE WITH THE PLANS AS APPROVED BY THE SOIL CONSERVATION DISTRICT. A COPY OF SAID APPROVED PLANS SHALL BE MAINTAINED ON THE PROJECT SITE.
- 9 EXISTING UTILITIES:
 - A OWNER AND CONTRACTOR ARE HEREBY NOTIFIED THAT EXISTING UTILITIES MAY BE PRESENT IN THE VICINITY OF THE PROJECT. EXISTING UTILITY INFORMATION SHOWN HEREON HAS BEEN COLLECTED FROM VARIOUS SOURCES AND IS NOT GUARANTEED AS TO ACCURACY OR COMPLETENESS. THE CONTRACTOR SHALL VERIFY ALL INFORMATION TO HIS SATISFACTION PRIOR TO EXCAVATION.
 - B THE CONTRACTOR SHALL NOTIFY AND COOPERATE WITH ALL UTILITIES ALONG THE LINE OF THE PROPOSED WORK THREE (3) WORKING DAYS PRIOR TO CONSTRUCTION. CONTRACTORS SHALL NOT PROCEED WITH WORK WHERE UTILITIES HAVE NOT BEEN LOCATED AND MARKED. CONTRACTOR SHALL OBTAIN MARK-OUT OF ALL UTILITIES IN THE LOCATION OF ANY PROPOSED WORK PRIOR TO COMMENCING WORK.
 - C WHERE EXISTING UTILITIES ARE TO BE CROSSED BY PROPOSED CONSTRUCTION, TEST PITS SHALL BE DUG BY THE CONTRACTOR PRIOR TO CONSTRUCTION TO ASCERTAIN EXISTING INVERTS, MATERIALS AND SIZES SUCH THAT CONFLICTS MAY BE AVOIDED.
- 10 "FRESHWATER WETLANDS/WATERS BOUNDARY LINE AS VERIFIED BY THE NJDEP, FILE # 1400-05-0008.2 FWW 050001

MICHAEL C. NOLAN PROFESSIONAL LAND SURVEYOR PROFESSIONAL PLANNER RICHARD J. VIVENZIO REGISTERED ARCHITECT THOMAS T. McGRATH PROFESSIONAL ENGINEER RICHARD G. RUCHALSKI PROFESSIONAL LAND SURVEYOR PROFESSIONAL PLANNER	VICINITY MAP AND GENERAL NOTES PORTION OF LOT 5 BLOCK 1401 BOROUGH OF FLORHAM PARK MORRIS COUNTY, NEW JERSEY <i>Chester, Ploussas, Lisowsky Partnership, LLP</i> PLANNING • ARCHITECTURE • ENGINEERING • SURVEYING 100 MATAWAN ROAD, SUITE 100 MATAWAN, NEW JERSEY 07747 (732)566-0297 www.cplpartnership.com	FILE NO. 07008 DATE: MAR. 1, 2007 SCALE: 1"=400' DRAWN BY: C.W.T. CHECKED BY: M.K. DRAWING NO. VM070801 SHEET NO. 2 OF 7
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DATE	REVISIONS
JAN. 16, 2008	REVISE LIMITS OF SOIL REMOVAL

FRANK J. LISOWSKY
 REGISTERED ARCHITECT
 PROFESSIONAL PLANNER
GREGORY PLOUSSAS
 REGISTERED ARCHITECT
 PROFESSIONAL PLANNER
MICHAEL PUCCI
 PROFESSIONAL ENGINEER
 PROFESSIONAL PLANNER

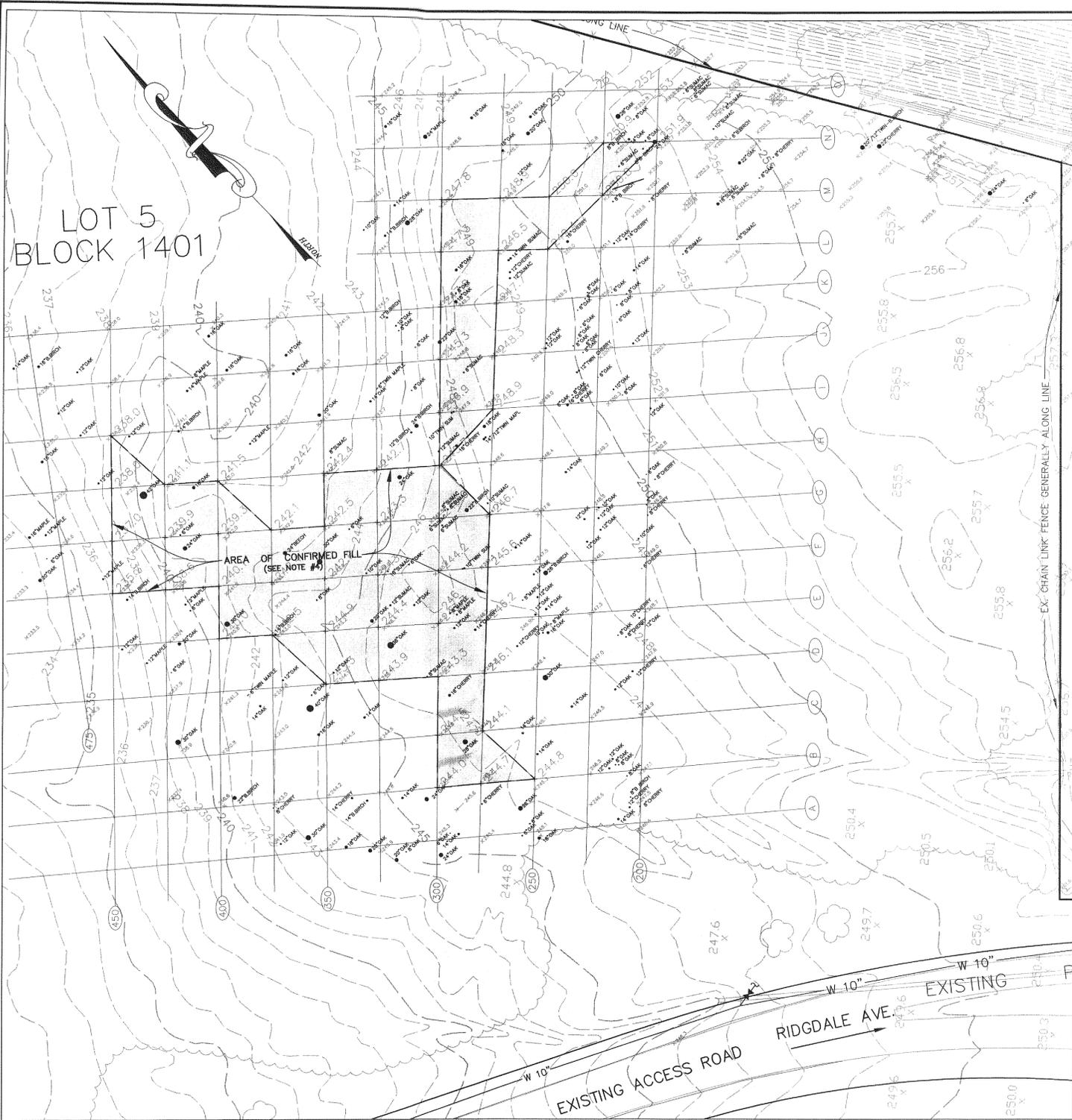
MICHAEL C. NOLAN
 PROFESSIONAL LAND SURVEYOR
 PROFESSIONAL PLANNER
RICHARD J. VIVENZIO
 REGISTERED ARCHITECT
THOMAS T. McGRATH
 PROFESSIONAL ENGINEER
RICHARD G. RUCHALSKI
 PROFESSIONAL LAND SURVEYOR
 PROFESSIONAL PLANNER

GREGORY PLOUSSAS

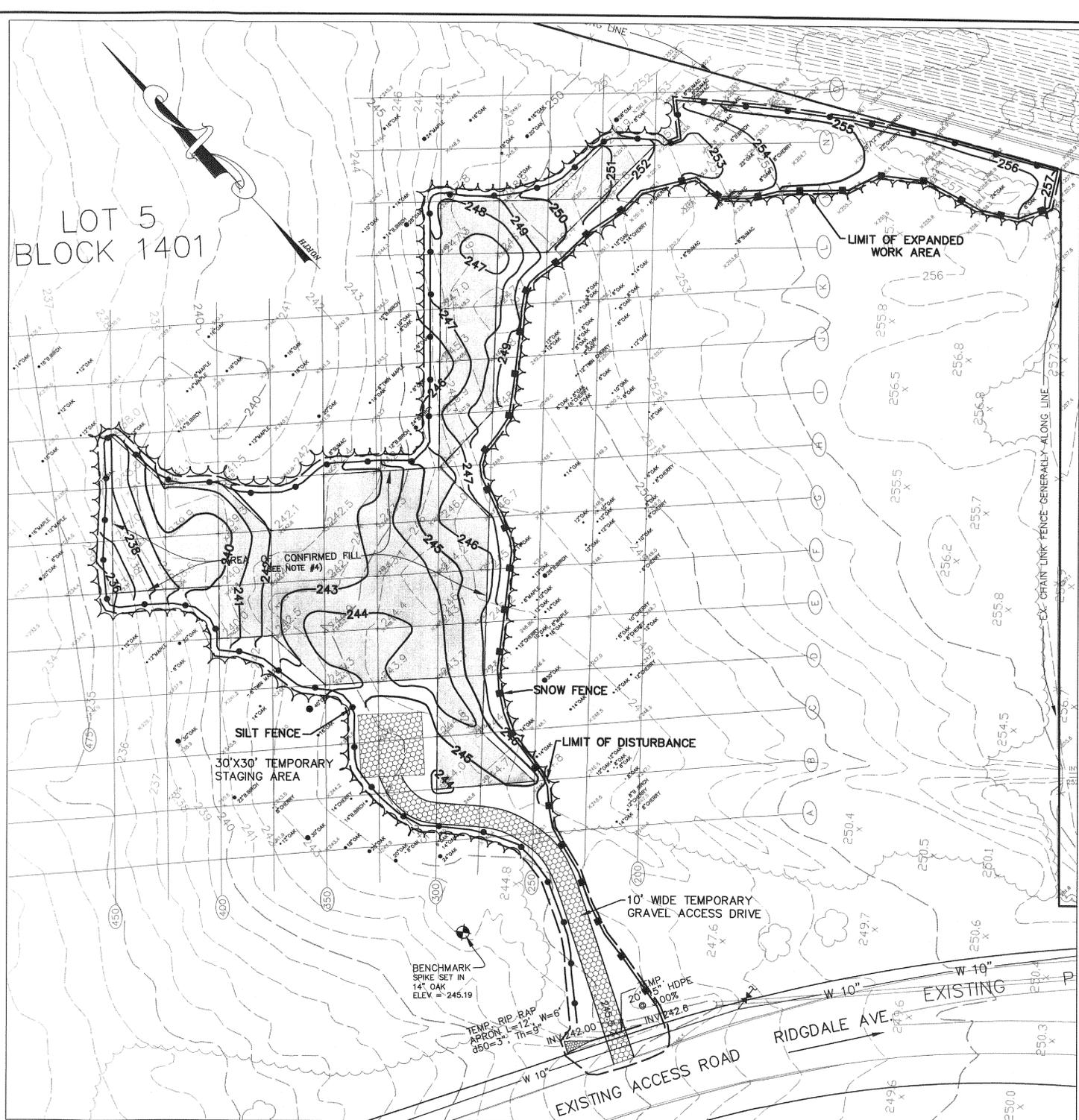
OVERALL TOPOGRAPHIC MAP
 OF
A PORTION OF LOT 5 BLOCK 1401
 BOROUGH OF FLORHAM PARK
 MORRIS COUNTY
 NEW JERSEY

Chester, Ploussas, Lisowsky Partnership, L.L.P.
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FILE NO.	07008
DATE:	MARCH 1, 2007
SCALE:	1" = 100'
DRAWN BY:	C.W.T.
CHECKED BY:	MCN
DRAWING NO.	T007008
SHEET NO.	3 OF 7



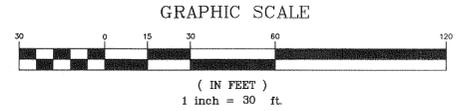
EXISTING CONDITIONS



PROPOSED SOIL REMOVAL PLAN

- NOTES:**
- PROPERTY IS KNOWN AS A PORTION OF LOT 5 BLOCK 1401 AS SHOWN ON THE BOROUGH OF FLORHAM PARK TAX MAPS.
 - THIS MAP WAS PREPARED WITHOUT THE BENEFIT OF AN UNDERGROUND UTILITY MARK OUT. THE LOCATION OF UNDERGROUND UTILITIES SHOWN HEREON ARE APPROXIMATE AND SHOULD BE VERIFIED PRIOR TO THE START OF ANY EXCAVATION OR CONSTRUCTION.
 - TOPOGRAPHIC INFORMATION WAS OBTAINED IN THE FIELD BY CHESTER, PLOUSSAS, LISOWSKY PARTNERSHIP, LLP ON FEBRUARY 9, 2007 AND IS ON THE NATIONAL GEODETIC VERTICAL DATUM OF 1929 (NGVD29).
 - THE SHADED AREA INDICATES AN AREA OF CONFIRMED FILL DETERMINE BY MELICK-TULLY & ASSOCIATES, P.C. ON JANUARY 25 2007.

- LEGEND:**
- INDICATES PROPOSED SPOT OR PAVEMENT GRADE.
 - INDICATES PROPOSED (1) ONE FOOT CONTOURS.
 - INDICATES PROPOSED (5) FIVE FOOT CONTOURS.
 - INDICATES LOCATION OF EXIST. TREE
 - LIMIT OF EXISTING TREE CANOPY
 - PROPOSED LIMIT OF TREE CANOPY

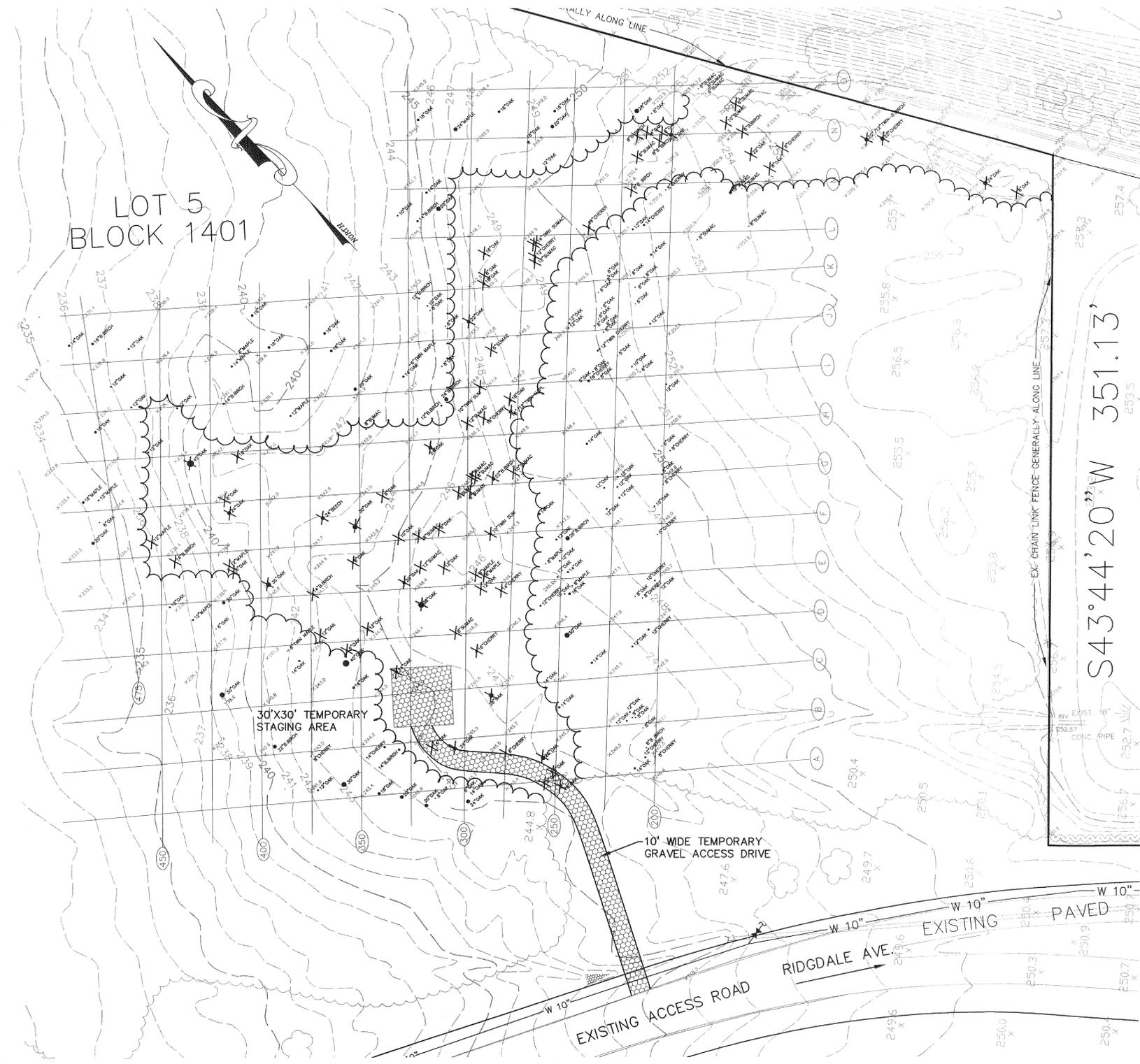


- NOTES:**
- SOILS TO BE REMOVED CONSIST OF FILLS OF GRAVELLY SILTY SANDS CONTAINING SOLID WASTE DEBRIS, INCLUDING GLASS, WOOD, CINDERS AND ASH
 - DEPTH OF FILLS TO BE REMOVED SUPPLIED BY MELICK - TULLY AND ASSOCIATES IN THEIR TEST PIT SUMMARY RECEIVED ON 2/8/07.
 - TOTAL QUANTITY OF SOIL TO BE REMOVED IS 982 C.Y.
 - QUANTITY OF ADDITIONAL SOIL TO BE REMOVED IS 173 C.Y.

	DATE	REVISIONS	FRANK J. LISOWSKY REGISTERED ARCHITECT PROFESSIONAL LAND SURVEYOR PROFESSIONAL PLANNER GREGORY PLOUSSAS PROFESSIONAL ENGINEER PROFESSIONAL PLANNER MICHAEL PUCCI PROFESSIONAL ENGINEER PROFESSIONAL LAND SURVEYOR PROFESSIONAL PLANNER	MICHAEL C. NOLAN PROFESSIONAL LAND SURVEYOR PROFESSIONAL PLANNER RICHARD J. VIVENZIO REGISTERED ARCHITECT THOMAS T. McGRATH PROFESSIONAL ENGINEER RICHARD G. RUCHALSKI PROFESSIONAL LAND SURVEYOR PROFESSIONAL PLANNER	<p align="center">GRADING PLAN OF A PORTION OF LOT 5 BLOCK 1401 BOROUGH OF FLORHAM PARK MORRIS COUNTY NEW JERSEY</p> <p align="center"><i>Chester, Ploussas, Lisowsky Partnership, LLP</i></p> <p align="center">PLANNING • ARCHITECTURE • ENGINEERING • SURVEYING METRO PARK SOUTH • 100 MATAWAN ROAD, SUITE 100 MATAWAN, NEW JERSEY 07747-3913 (732) 566-0297 • www.cplpartnership.com</p>	FILE NO.	07008
	JAN. 16, 2008	REVISE LIMITS OF SOIL REMOVAL				DATE:	MARCH 1, 2007
					SCALE:	1" = 30'	
					DRAWN BY:	C.W.T.	
					CHECKED BY:	MCN	
					DRAWING NO.:	T007008	
					SHEET NO.:	4 OF 7	

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LOT 5
BLOCK 1401



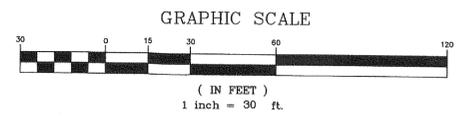
TREE REMOVAL PLAN

- LEGEND:**
- INDICATES LOCATION OF EXIST. TREE
 - * INDICATES TREE TO BE REMOVED
 - LIMIT OF EXISTING TREE CANOPY
 - PROPOSED LIMIT OF TREE CANOPY

TREE COUNT LEGEND

CALIPER OF TREE TO BE REMOVED	NUMBER OF TREES TO BE REMOVED					
	OAK	MAPLE	CHERRY	SUMAC	BEECH	BLACK BIRCH
6" - 10"	13	2	2	14		4
10" - 12"	4	2	1	3		
12" - 18"	4	2	4	2		3
18" - 24"	9		1	1		2
24" - 30"	5				1	
30" - 36"	3					
36" AND ABOVE	1					
TOTAL	39	6	8	20	1	9

NUMBER OF TREES TO BE REMOVED 6" - 10" = 35
 NUMBER OF TREES TO BE REMOVED 10" AND ABOVE = 48



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FRANK J. LISOWSKY
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PROFESSIONAL ENGINEER
PROFESSIONAL PLANNER

MICHAEL PUCCI
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PROFESSIONAL PLANNER

MICHAEL C. NOLAN
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PROFESSIONAL ENGINEER

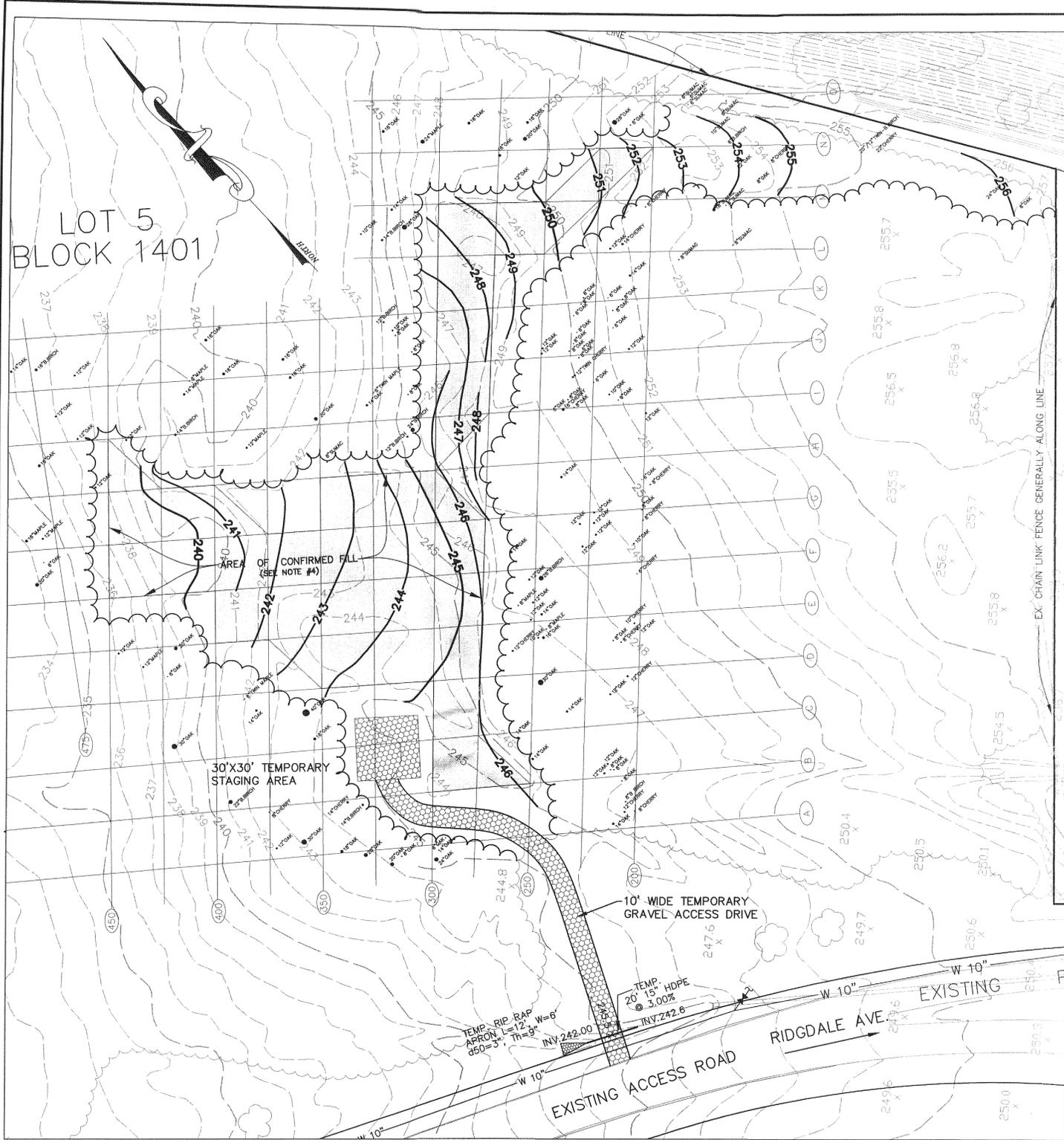
RICHARD G. RUCHALSKI
PROFESSIONAL LAND SURVEYOR
PROFESSIONAL PLANNER

Gregory Ploussas
GREGORY PLOUSSAS

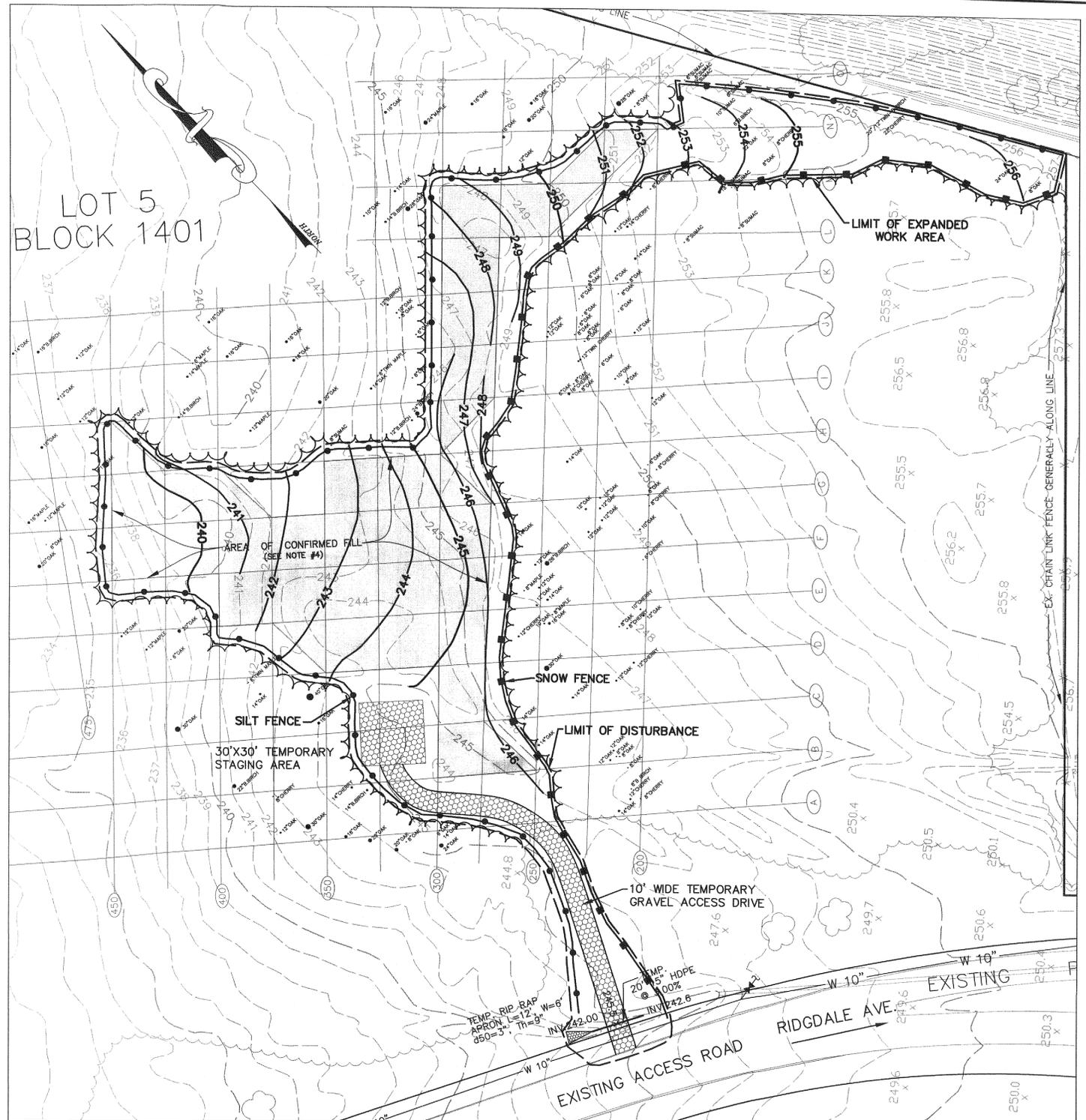
TREE REMOVAL PLAN
OF
A PORTION OF LOT 5 BLOCK 1401
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FILE NO. 07008
DATE: MARCH 1, 2007
SCALE: 1" = 30'
DRAWN BY: C.W.T.
CHECKED BY: MCN
DRAWING NO. T007008
SHEET NO. 5 OF 7



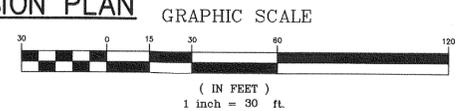
PROPOSED GRADING PLAN



PROPOSED SOIL EROSION PLAN

- LEGEND:**
- 73.4 INDICATES PROPOSED SPOT OR PAVEMENT GRADE.
 - 13 INDICATES PROPOSED (1) ONE FOOT CONTOURS.
 - 15 INDICATES PROPOSED (5) FIVE FOOT CONTOURS.

- LEGEND**
- INDICATES PROPOSED LIMIT OF WORK
 - INDICATES PROPOSED SNOW FENCE
 - INDICATES PROPOSED SILT FENCE



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DATE	REVISIONS
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FRANK J. LISOWSKY
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PROFESSIONAL PLANNER

GREGORY PLOUSSAS
PROFESSIONAL ENGINEER
PROFESSIONAL PLANNER

MICHAEL PUCCI
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PROFESSIONAL LAND SURVEYOR
PROFESSIONAL PLANNER

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THOMAS T. MCGRATH
PROFESSIONAL ENGINEER

RICHARD G. RUCHALSKI
PROFESSIONAL LAND SURVEYOR
PROFESSIONAL PLANNER

GREGORY PLOUSSAS

GRADING PLAN
OF
A PORTION OF LOT 5 BLOCK 1401
BOROUGH OF FLORHAM PARK
MORRIS COUNTY NEW JERSEY

Chester, Ploussas, Lisowsky Partnership, LLP

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FILE NO. 07008
DATE: MARCH 1, 2007
SCALE: 1" = 30'
DRAWN BY: C.W.T.
CHECKED BY: MCN
DRAWING NO. T007008
SHEET NO. 6 OF 7

CONSTRUCTION SCHEDULE AND PROCEDURE FOR IMPLEMENTATION OF SOIL EROSION AND SEDIMENT CONTROL

STAGE	APPROXIMATE DURATION
1. INSTALL SILT & SNOW FENCE AROUND CONSTRUCTION AREA AS REQUIRED. PROVIDE TEMPORARY CONSTRUCTION ENTRANCE, ESTABLISH ROUGH GRADES AS NECESSARY FOR CONSTRUCTION OF ACCESS DRIVE AND STAGING AREAS ON SITE. PROVIDE TEMPORARY STABILIZATION OF EXPOSED SOIL NOT SUBJECT TO CONSTRUCTION TRAFFIC.	3 DAYS
2. AREAS WITHIN LIMITS OF DISTURBANCE FOR CONSTRUCTION SHALL BE CLEARED, STUMPED AND GRUBBED.	1 WEEKS
3. REMOVE SOIL IN ACCORDANCE WITH SOIL REMOVAL PLAN.	2 WEEKS
4. RE-GRADE AREA IN ACCORDANCE WITH GRADING PLAN.	3 DAYS
5. DISTURBED AREAS SHALL BE STABILIZED AS SHOWN ON APPROVED SOIL EROSION PLAN. THIS STAGE SHALL BE STARTED WITHIN THREE (3) DAYS OF THE COMPLETION OF STAGE "4".	3 DAYS
6. TEMPORARY OR PERMANENT SEEDING AND MULCHING. THIS STAGE SHALL BEGIN WITHIN SEVEN (7) DAYS AFTER COMPLETION OF STAGE "5".	1 WEEK

MORRIS COUNTY SOIL CONSERVATION DISTRICT SOIL EROSION AND SEDIMENT CONTROL NOTES

- ALL SOIL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE INSTALLED IN ACCORDANCE WITH THE "STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL IN NEW JERSEY", AND WILL BE IN PLACE PRIOR TO ANY MAJOR SOIL DISTURBANCE, OR IN THEIR PROPER SEQUENCE AND MAINTAINED UNTIL PERMANENT PROTECTION IS ESTABLISHED.
- ANY DISTURBED AREA THAT WILL BE LEFT EXPOSED FOR MORE THAN THIRTY (30) DAYS AND NOT BE SUBJECT TO CONSTRUCTION TRAFFIC SHALL IMMEDIATELY RECEIVE A TEMPORARY SEEDING. IF THE SEASON PROHIBITS TEMPORARY SEEDING, THE DISTURBED AREA WILL BE MULCHED WITH STRAW OR HAY AND TACKED IN ACCORDANCE WITH THE NEW JERSEY STANDARDS. SEE NOTE 17 BELOW.
- PERMANENT VEGETATION IS TO BE ESTABLISHED ON EXPOSED AREAS WITHIN TEN (10) DAYS AFTER FINAL GRADING. MULCH IS TO BE USED FOR PROTECTION UNTIL VEGETATION IS ESTABLISHED. SEE NOTE 18 BELOW.
- IMMEDIATELY FOLLOWING INITIAL DISTURBANCE OR ROUGH GRADING, ALL CRITICAL AREAS (STEEP SLOPES, SANDY SOILS, WET CONDITIONS) SUBJECT TO EROSION WILL RECEIVE A TEMPORARY SEEDING IN ACCORDANCE WITH NOTE 17 BELOW.
- PERMANENT SEEDING AND STABILIZATION TO BE IN ACCORDANCE WITH THE "STANDARDS FOR PERMANENT VEGETATIVE COVER FOR SOIL STABILIZATION COVER". SPECIFIED RATES AND LOCATIONS SHALL BE ON THE APPROVED SOIL EROSION AND SEDIMENT CONTROL PLAN.
- THE SITE SHALL AT ALL TIMES BE GRADED AND MAINTAINED SO THAT ALL STORM WATER RUNOFF IS DIVERTED TO SOIL EROSION AND SEDIMENT CONTROL FACILITIES.
- ALL SEDIMENTATION STRUCTURES (SILT FENCE, INLET FILTERS, AND SEDIMENT BASINS) WILL BE INSPECTED AND MAINTAINED DAILY.
- STOCKPILES SHALL NOT BE LOCATED WITHIN 50 FEET OF A FLOODPLAIN, SLOPE, DRAINAGE FACILITY, OR ROADWAY. ALL STOCKPILE BASES SHALL HAVE A SILT FENCE PROPERLY ENTRENCHED AT THE TOE OF SLOPE.
- A STABILIZED CONSTRUCTION ACCESS WILL BE INSTALLED, WHENEVER AN EARTHEN ROAD INTERSECTS WITH A PAVED ROAD. SEE THE STABILIZED CONSTRUCTION ACCESS DETAIL AND CHART FOR DIMENSIONS.
- PAVED ROADS MUST BE KEPT CLEAN AT ALL TIMES.
- ALL DEWATERING OPERATIONS MUST BE DISCHARGED DIRECTLY INTO A SEDIMENT FILTER AREA. THE FILTER SHOULD BE COMPOSED OF A FABRIC OR APPROVED MATERIAL. SEE THE DEWATERING DETAIL.

- DURING AND AFTER CONSTRUCTION, THE APPLICANT WILL BE RESPONSIBLE FOR THE MAINTENANCE AND UPKEEP OF THE DRAINAGE STRUCTURES, VEGETATION COVER, AND ANY OTHER MEASURES DEEMED APPROPRIATE BY THE DISTRICT. SAID RESPONSIBILITY WILL END WHEN COMPLETED WORK IS APPROVED BY THE MORRIS COUNTY SOIL CONSERVATION DISTRICT.
- ALL TREES OUTSIDE THE DISTURBANCE LIMIT INDICATED ON THE SUBJECT PLAN OR THOSE TREES WITHIN THE DISTURBANCE AREA WHICH ARE DESIGNATED TO REMAIN AFTER CONSTRUCTION ARE TO BE PROTECTED WITH TREE PROTECTION DEVICES. SEE THE TREE PROTECTION DETAIL.
- THE MORRIS COUNTY SOIL CONSERVATION DISTRICT MAY REQUEST ADDITIONAL MEASURES TO MINIMIZE ON SITE OR OFF SITE EROSION PROBLEMS DURING CONSTRUCTION.
- THE MORRIS COUNTY SOIL CONSERVATION DISTRICT MUST BE NOTIFIED, IN WRITING, AT LEAST 72 HOURS PRIOR TO ANY LAND DISTURBANCE, AND A PRE-CONSTRUCTION MEETING HELD.
- TOPSOIL STOCKPILE PROTECTION
 - APPLY GROUND LIMESTONE AT A RATE OF 90 LBS. PER 1000 SQ. FT.
 - APPLY FERTILIZER (10-20-10) AT A RATE OF 11 LBS. PER 1000 SQ. FT.
 - APPLY PERENNIAL RYEGRASS SEED AT 1 LB. PER 1000 SQ. FT. AND ANNUAL RYEGRASS AT 1 LB. PER 1000 SQ. FT.
 - MULCH STOCKPILE WITH STRAW OR HAY AT A RATE OF 90 LBS. PER 1000 SQ. FT.
 - APPLY A LIQUID MULCH BINDER OR TACK TO STRAW OR HAY MULCH.
 - PROPERLY ENTRENCH A SILT FENCE AT THE BOTTOM OF THE STOCKPILE.

- TEMPORARY STABILIZATION SPECIFICATIONS
 - APPLY GROUND LIMESTONE AT A RATE OF 90 LBS. PER 1000 SQ. FT.
 - APPLY FERTILIZER (10-20-10) AT A RATE OF 11 LBS. PER 1000 SQ. FT.
 - APPLY PERENNIAL RYEGRASS SEED AT 1 LB. PER 1000 SQ. FT. AND ANNUAL RYEGRASS AT 1 LB. PER 1000 SQ. FT.
 - MULCH WITH STRAW OR HAY AT A RATE OF 90 LBS. PER 1000 SQ. FT.
 - APPLY A LIQUID MULCH BINDER OR TACK TO STRAW OR HAY MULCH.
- PERMANENT STABILIZATION SPECIFICATIONS
 - APPLY TOPSOIL TO A DEPTH OF 5 INCHES (UNSETTLED).
 - APPLY GROUND LIMESTONE AT A RATE OF 90 LBS. PER 1000 SQ. FT. AND WORK FOUR INCHES INTO SOIL.
 - APPLY FERTILIZER (10-20-10) AT A RATE OF 11 LBS. PER 1000 SQ. FT.
 - APPLY HARD FESCUE SEED AT 2.7 LBS. PER 1000 SQ. FT. AND CREEPING RED FESCUE SEED AT 0.7 LBS. PER SQ. FT. AND PERENNIAL RYEGRASS SEED AT 0.25 LBS. PER 1000 SQ. FT.
 - MULCH WITH STRAW OR HAY AT A RATE OF 90 LBS. PER 1000 SQ. FT.
 - APPLY A LIQUID MULCH BINDER OR TACK TO STRAW OR HAY MULCH.

*NOTE: 72 HOURS PRIOR TO ANY SOIL DISTURBANCE, NOTICE IN WRITING, SHALL BE GIVEN TO THE MORRIS COUNTY SOIL CONSERVATION DISTRICT AND A PRE-CONSTRUCTION MEETING HELD.

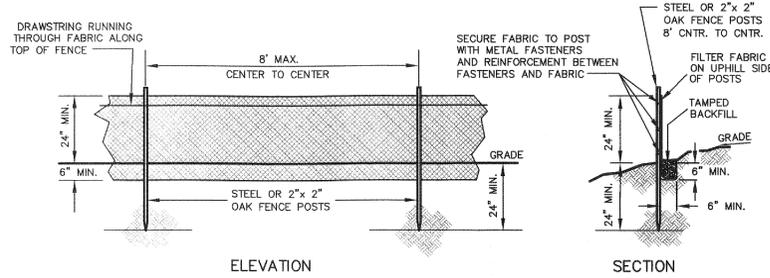
DUST CONTROL NOTES

THE FOLLOWING METHODS SHOULD BE CONSIDERED FOR CONTROLLING DUST:

- MULCHES** - SEE STANDARD FOR STABILIZATION WITH MULCHES ONLY (PG. 5-1)
- VEGETATIVE COVER** - SEE STANDARD FOR TEMPORARY VEGETATIVE COVER (PG. 7-1), PERMANENT VEGETATIVE COVER FOR SOIL STABILIZATION (PG. 4-1), AND PERMANENT STABILIZATION WITH SOD (PG. 6-1)
- SPRAY-ON ADHESIVES** - ON MINERAL SOILS (NOT EFFECTIVE ON MUCK SOILS). KEEP TRAFFIC OFF THESE AREAS.

MATERIAL	WATER DILUTION	TYPE OF NOZZLE	APPLY GALLONS/ACRE
ANIONIC ASPHALT EMULSION	7:01	COARSE SPRAY	1200
LATEX EMULSION	12.5:1	FINE SPRAY	235
RESIN IN WATER	4:01	FINE SPRAY	300
POLYACRYLAMIDE (PAM) - SPRAY ON			
POLYACRYLAMIDE (PAM) - DRY SPRAY			
ACIDULATED SOY BEAN SOAP STICK	NONE	COARSE SPRAY	1200

- TILLAGE** - TO ROUGHEN SURFACE AND BRING CLODS TO THE SURFACE. THIS IS A TEMPORARY EMERGENCY MEASURE WHICH SHOULD BE USED BEFORE BLOWING STARTS. BEGIN PLOWING ON WINDWARD SIDE OF SITE. CHISEL-TYPE PLOWS SPACED ABOUT 12 INCHES APART, AND SPRING-TOOTHED HARROWS ARE EXAMPLES OF EQUIPMENT WHICH MAY PRODUCE THE DESIRED EFFECT.
- SPRINKLING** - SITE IS SPRINKLED UNTIL THE SURFACE IS WET.
- BARRIERS** - SOLID BOARD FENCES, SNOW FENCES, BURLAP FENCES, CRATE WALLS, BALES OF HAY, AND SIMILAR MATERIAL CAN BE USED TO CONTROL AIR CURRENTS AND SOIL BLOWING.
- CALCIUM CHLORIDE** - SHALL BE IN THE FORM OF LOOSE, DRY GRANULATES OF FLAKES FINE ENOUGH TO FEED THROUGH COMMONLY USED SPREADERS AT A RATE THAT WILL KEEP SURFACE MOIST BUT NOT CAUSE POLLUTION OR PLANT DAMAGE. IF USED ON STEEPER SLOPES, THEN USE OTHER PRACTICES TO PREVENT WASHING INTO STREAMS OR ACCUMULATION AROUND PLANTS.
- STONE** - COVER SURFACE WITH CRUSHED STONE OR COARSE GRAVEL.

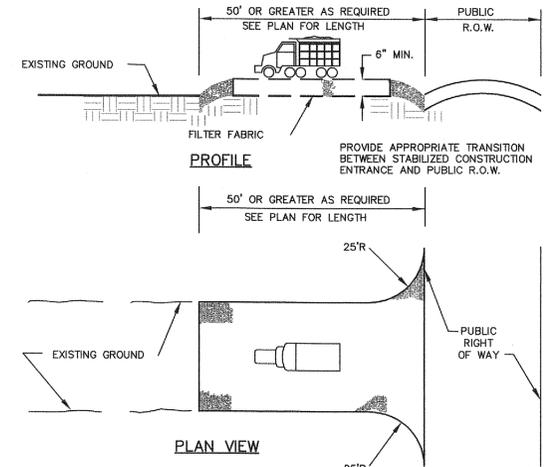
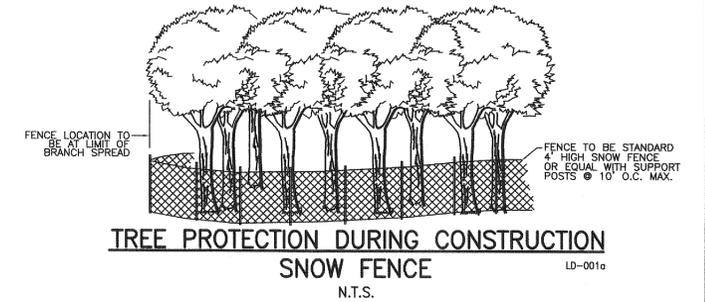


NOTE:

- THE SILT FENCE MUST BE PERIODICALLY INSPECTED AND REPAIRED WHEN NECESSARY UNTIL THE DISTURBED AREA IS STABILIZED.
- WHERE HEAVY SEDIMENT LOADING IS EXPECTED, A METAL FENCE WITH SIX INCH OR SMALLER OPENINGS AND AT LEAST TWO FEET HIGH MAY BE UTILIZED, FASTENED TO THE FENCE POSTS, TO PROVIDE REINFORCEMENT AND SUPPORT TO THE GEOTEXTILE FABRIC WHERE SPACE FOR OTHER PRACTICES IS LIMITED.
- SYNTHETIC FILTER FABRIC SHALL BE FIRMLY ATTACHED TO UPHILL SIDE OF FENCEPOSTS. OPEN AREA SHALL BE GREATER THAN 4% BUT LESS THAN 10% MEETING U.S. ARMY CORPS OF ENGINEERS SPEC. NO. CWO2215 FOR STRENGTH. I.E. MIRAFI 140 EROSION CONTROL FABRIC OR APPROVED EQUAL.

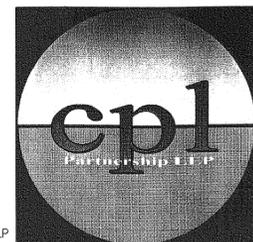
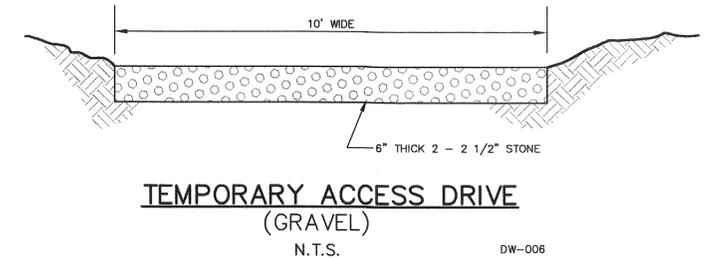
SILT FENCE

N.T.S. SE-003



STABILIZED CONSTRUCTION ENTRANCE

PERCENT SLOPE OF ROADWAY	LENGTH OF STONE REQUIRED	
	COARSE GRAINED SOILS	FINE GRAINED SOILS
0 to 2%	50 ft	100 ft
2 to 5%	100 ft	200 ft
>5%	ENTIRE SURFACE STABILIZED WITH FABC BASE COURSE	



DATE	REVISIONS
JAN. 16, 2008	REVISE LIMITS OF SOIL REMOVAL

FRANK J. LISOWSKY
REGISTERED ARCHITECT
PROFESSIONAL PLANNER

MICHAEL C. NOLAN
PROFESSIONAL LAND SURVEYOR
PROFESSIONAL PLANNER

GREGORY PLOUSSAS
PROFESSIONAL ENGINEER
PROFESSIONAL PLANNER

RICHARD J. VIVENZIO
REGISTERED ARCHITECT

THOMAS T. McGRATH
PROFESSIONAL ENGINEER

MICHAEL PUCCI
PROFESSIONAL ENGINEER
PROFESSIONAL PLANNER

RICHARD G. RUCHALSKI
PROFESSIONAL LAND SURVEYOR
PROFESSIONAL PLANNER

Gregory Ploussas
GREGORY PLOUSSAS

SOIL EROSION AND SEDIMENT CONTROL NOTES & DETAILS

A PORTION OF LOT 5 BLOCK 1401

BOROUGH OF FLORHAM PARK
MORRIS COUNTY, NEW JERSEY

Chester, Ploussas, Lisowsky Partnership, LLP

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