

SOIL EROSION & SEDIMENT CONTROL NOTES:

All work under this Contract shall conform to the local Soil Conservation District (SCD) regarding soil erosion sediment control, and surface water management.

All soil erosion and sediment control practices shall be installed in accordance with the Standards For Soil Erosion and Sediment Control in New Jersey.

All revisions, after District certification has been granted, must be forwarded to the local Soil Conservation District for review. The local Soil Conservation District shall be notified 72 hours prior to construction.

The owner/applicant shall obtain the District-issued Report of Compliance prior to any occupancy. The District requires at least one week's notice before issuance.

All erosion and sediment control practices shall be installed prior to any major soil disturbance.

Any disturbed areas that will be left exposed for more than 30 days, and not subject to construction traffic, shall immediately receive a temporary seeding. Between October 15 and March 15 the disturbed areas shall be mulched with unrotten straw or salt hay at a rate of 90 pounds per 1,000 square foot. Temporarily seeded areas shall be properly maintained.

Permanent vegetation shall be seeded or sodded on all exposed areas within 10 days after final grading. Mulch shall be used at the rate of 90 pounds per 1,000 square feet for protection until seeding is established.

All proposed swales shall be graded and stabilized prior to any major site grading.

All disturbed areas shall be treated with 6" of topsoil prior to final stabilization, and shall be limed and fertilized prior to either temporary or permanent seeding.

All stockpiled material shall be protected by a hay bale filter barrier at the base.

Fill material shall be free from debris, perishable or combustible material, sod, frozen or wet earth and stones larger than six inches in diameter.

To the maximum extent practical, all vegetated areas not needed for construction shall be left undisturbed for as long as possible.

All paved roadways shall be kept clean at all times.

All storm drainage outlets shall be stabilized, as required, before the discharge points become operational.

All catch basins shall be protected with a hay bale filter staked into place with 2" x 2" x 4'-0" long stakes and filter fabric cover.

The Contractor shall be required to have a copy of the certified SCD plan at the construction site.

Stabilize swales with jute mesh (or other approved method) along entire length. The ends of the mesh shall be buried and secured with 8" gauge staples 10 inches long.

Remove silt residue from sediment traps on a weekly basis or after heavy rainfalls. Respread sediment at eroded areas and recompact and stabilize soil.

Remove and dispose all soil erosion control barriers at the direction of the Architect and only when approved by the local SCD officials.

SEQUENCE OF CONSTRUCTION

Install soil erosion and sediment control measures, identify, locate and protect all existing site utilities.

Clear and grub required areas, strip topsoil and stockpile on-site. Remove excess fill from site.

Construct all storm inlets, and other site utilities and stabilize swales.

Grade and construct foundation and building structure. Provide temporary seeding and mulching.

Connect all building utilities.

Fill, backfill, rough grading and compaction.

Respread topsoil, compact and rake to final grade elevations, seeding, fertilizing and mulching.

Planting shrubs and maintenance of new lawn and plants. Restoration of facilities and removal of soil erosion control devices.

TEMPORARY SEEDING AND PROTECTION

Lime Application 100 lbs. per 1,000 S.F.

Fertilizer Application (10.20.10) 25 lbs. per 1,000 S.F.

Seed Mix:

- 30% Chewing Red Fescue
- 30% Tall Fescue
- 30% Kentucky Bluegrass
- 10% Perennial Ryegrass

Seed Application 5 lbs. per 1,000 S.F.

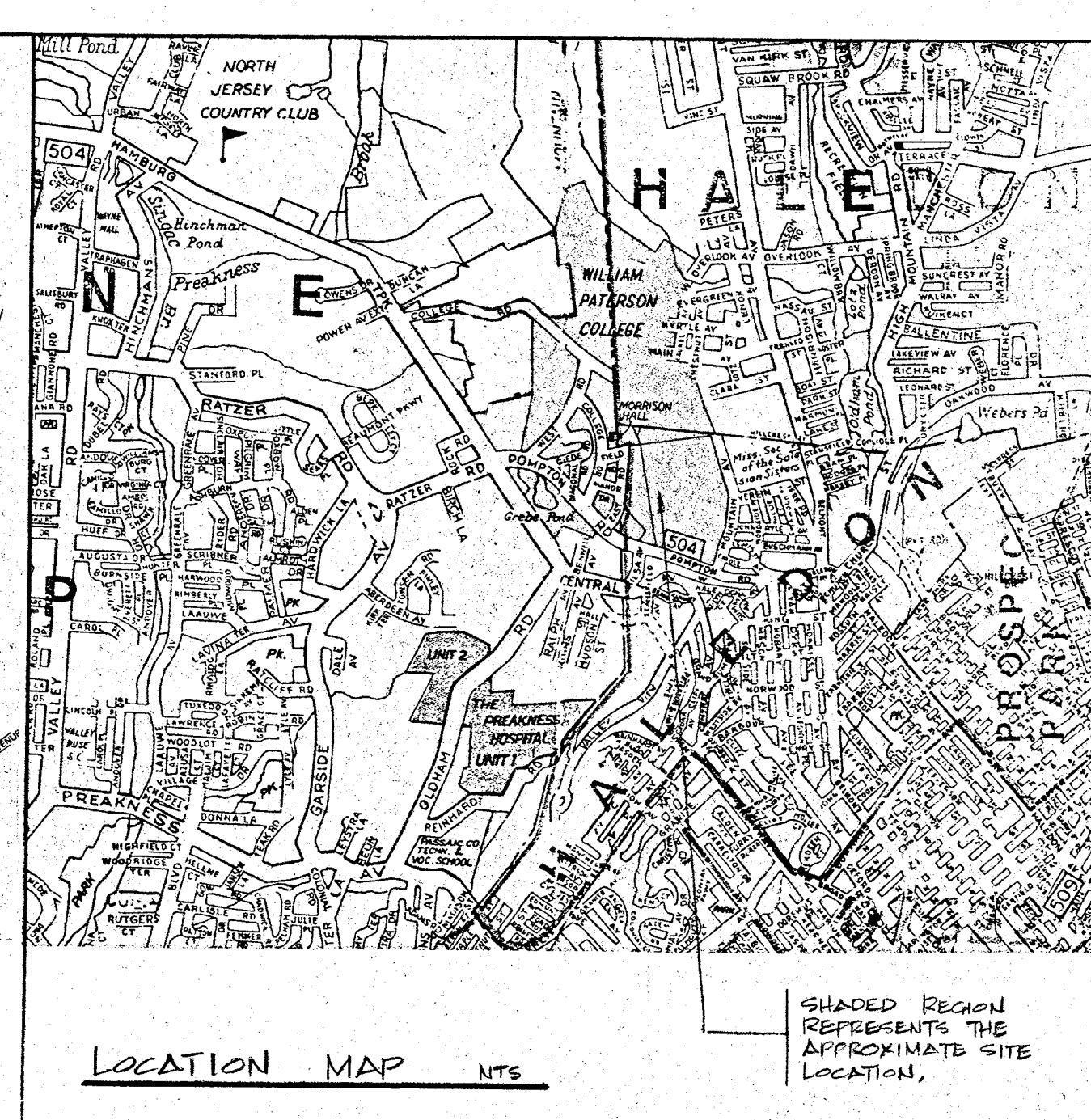
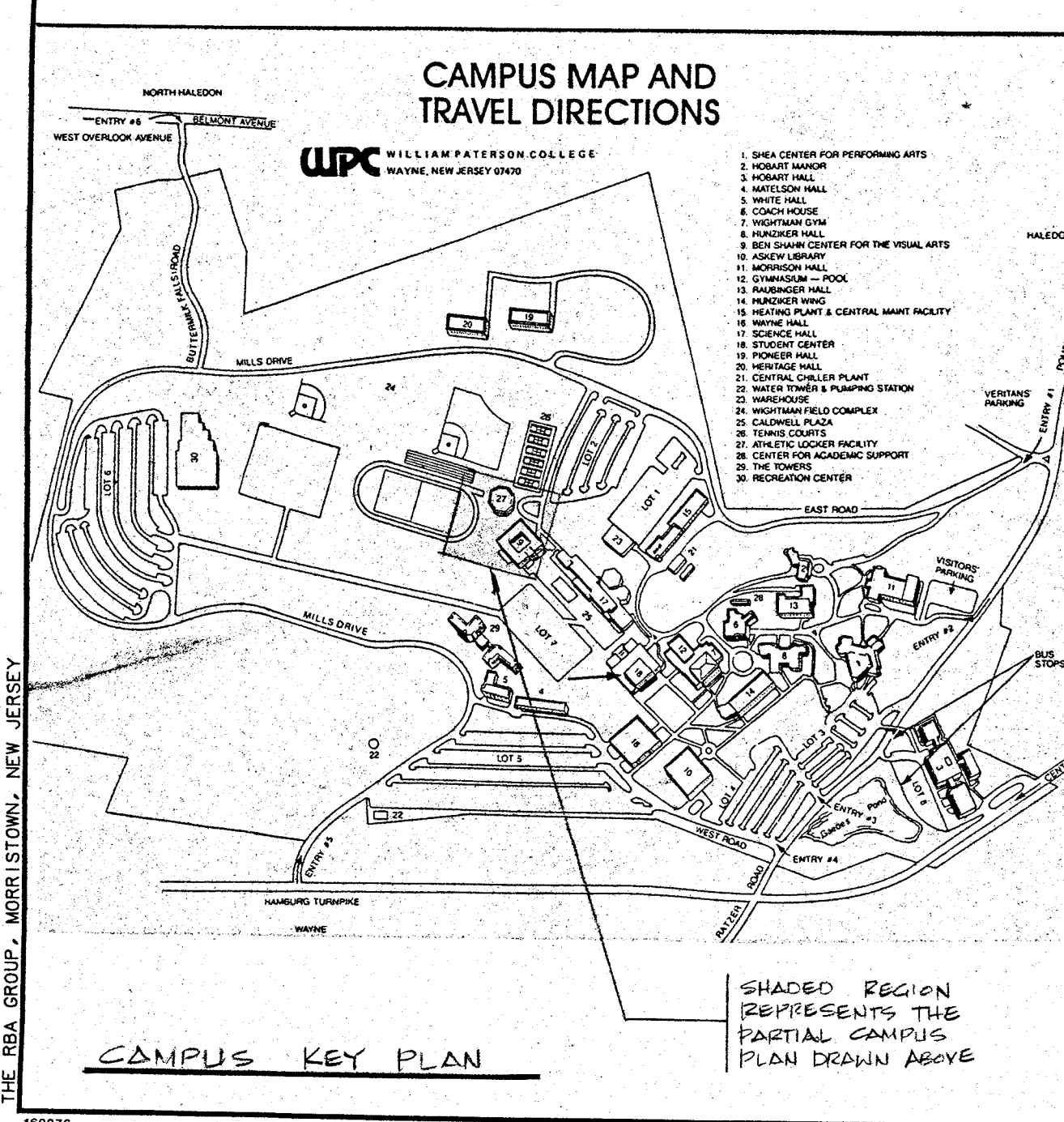
Mulching Application 90 lbs. per 1,000 S.F.

Temporary seeding shall be at a rate of 3 lbs per 1000 S.F. using same seed mix listed above. Provide mulching at a rate of 90 lbs per 1,000 S.F. and use liquid binder to anchor mulch in place.

The Contractor shall be responsible to repair and re-establish grade elevations in ruts, eroded areas, settled or washed out areas for a minimum period of one year from the date of substantial completion of the contract. All affected areas shall be re-compacted and stabilized.

All seeded areas which do not exhibit a prompt start of grass shall be re-seeded until a uniform stand of grass is maintained.

BJ:cc



H.E.P. SOIL CONSERVATION DISTRICT REQUIREMENTS:

All soil erosion and sediment control practices on this plan will be constructed in accordance with the "New Jersey Standards for Soil Erosion and Sediment Control," (revised 1987) and will be installed prior to any major soil disturbance or in their proper sequence and maintained until permanent protection is established.

All soil stockpiled for a period of greater than 30 days will be temporarily seeded and mulched.

Disturbed areas shall be maintained in a rough graded condition and temporarily seeded and mulched until proper weather conditions exist for the establishment of permanent vegetative cover.

Seeding Dates: The following are recommended seeding dates for the establishment of temporary or permanent vegetation.

SPRING: (March 15 - May 30)
FALL: (August 15 - October 15)

Berms constructed of fabric fence are to remain in place until all earth has been removed and spread. Final grading and seeding has been completed, and vegetation has been well established. Location of berms are approximate and shall be placed around any stockpiled soil.

All storm drainage inlets shall be protected with gravel filters or fabric filter to prevent entry of sediment carried by runoff water until vegetation and/or paving is established.

Mulch materials shall be unrotted salt hay or small grain straw at the rate of 1.5 tons per acre, or 70-90 pounds per 1000 square feet. Mulch shall not be ground into short pieces and in no case shall more than 5 days elapse between seeding and mulching.

Any damage incurred by erosion shall be rectified.

All soil erosion and sediment control devices shall have periodic inspection and required maintenance must be provided.

All storm drainage outlets will be stabilized as required before the discharge points become operational.

The Hudson-Essex-Passaic Soil Conservation District will be notified 72 hours prior to any soil disturbance.

The owner/applicant MUST obtain the District issued "Report of Compliance" prior to receiving any certificate of occupancy. The District requires one week's notice to perform a final inspection.

Between October 15 and March 15, or when disturbed areas are scheduled for immediate landscaping, applying the mulch as specified in note #7 will be adequate.

All paved roadways must be kept clean at all times.

All exposed surfaces will be treated with 6" of topsoil prior to final stabilization.

All Revisions, after the District Certification has been granted, MUST be forwarded to the Hudson-Essex-Passaic Soil Conservation District for review.

Permanent vegetation is to be established on exposed areas within 10 days after final grading.

A crushed stone vehicle wheel cleaning blanket will be installed as shown. Said blanket (tracking pad) will be composed of 2 1/2" crushed stone, will be at least 50' long and the width of the exit roadway, and properly maintained. In housing subdivisions, all driveways will also be provided with stone.

Maximum side slopes of all exposed surfaces shall not exceed 2:1 unless otherwise approved by the District.

All dewatering operations must discharge directly into an approved sediment basin which is to be approved by the District.

BJ:cc

WPC

Approved for the College

Vice President For Administration and Finance

Date

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SOIL EROSION & SEDIMENT CONTROL

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12.15.93 REVISED FOR REBID

9.7.93 ISSUED FOR BID

8.30.93 REVISED GRADES

No. Date Revision