Environmental Consultants

11260 Roger Bacon Drive
Reston, VA 20190-5282

703 471-6150
FAX 703 471-6676
www.scsengineers.com

SCS ENGINEERS

August 5, 2004

DC Office of Zoning
441 4th Street, N.W.
Washington DC 20001
Attn: Mr. Alberto Bastida

RE: Fort Totten Solid Waste Transfer Facility PUD Application

Dear Mr. Bastida,

SCS Engineers is pleased to submit twenty (20) copies of the PUD Application for the Fort Totten Solid Waste Transfer Facility on behalf of the District of Columbia Public Works Solid Waste Administration. The traffic assessment that was done from the elements in the EISF will be forwarded under separate cover.

Please do not hesitate to contact me if you have questions regarding the information contained within the PUD Application.

Sincerely,

Dana L. Murray, P.E.
Project Manager
SCS ENGINEERS

W. Gregory Vogt
Vice President
SCS ENGINEERS

Enclosures

cc: Thomas Henderson, Administrator Solid Waste Administration

ZONING COMMISSION
District of Columbia
CASE NO. 03-28
EXHIBIT NO. 14

ZONING COMMISSION
District of Columbia
CASE NO.03-28
EXHIBIT NO.14

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August 5, 2004

DC Office of Zoning
441 4th Street, N.W.
Washington DC 20001
Attn: Mr. Alberto Bastida

RE: Fort Totten Solid Waste Transfer Facility Pre-Hearing Statement

Dear Mr. Bastida,

SCS Engineers is pleased to submit this Pre-Hearing Statement for the PUD Application for the Fort Totten Solid Waste Transfer Facility on behalf of the District of Columbia Public Works Solid Waste Administration.

The applicant seeks consolidated approval of a Planned Unit Development (PUD) for the modification of the District of Columbia's Fort Totten Solid Waste Transfer Station, and a Map Amendment to extend the Fort Totten Overlay District/M zoning to encompass the entire portion of the property. The modification will provide the community with:

- A modern, environmentally-improved solid waste transfer facility;
- A citizens' convenience center to allow segregated drop-off areas for household solid waste, household hazardous waste products, and recyclable materials, and
- An improved bulk item material drop-off and loading area.

The proposed modification will be consistent with current uses of the facility.

BACKGROUND

The existing Fort Totten Solid Waste Transfer Station was built in the mid-1970's as a "stationary compactor transfer facility". Previous to this use, the District operated a solid waste incinerator on the site. The incinerator was demolished to make way for the transfer station. The use of stationary compactors/transfer vehicles was discontinued in the 1990's and operations were then modified to have incoming refuse vehicles discharge their loads onto the existing tipping floor. The facility operates in this manner today. Following vehicle discharge, a front-end loader is used to push refuse through a chute on the sidewall of the building where the refuse is directed into a transfer trailer parked on the pavement below. In addition, a pull-off area is in place to allow residents to drop-off solid waste into parked dumpsters. Another

designated area of the facility allows the District collection crews to drop-off bulky item materials (e.g., appliances/white goods) for subsequent disposal.

From the mid-1990's through most of 2002, incoming refuse vehicles were limited to only Department of Public Works and other government vehicles, and on average, approximately 600 tons of solid waste were received at the facility each day. Limited use of the facility by private contractors was reinitiated in the last quarter of 2002, and consequently, the average receiving rate has increased to approximately 800 tons of solid waste per day.

Although this property has been used for solid waste transfer since the mid-1970s and as a waste incinerator prior to that, the zoning of a portion of the property is R-5-A. As part of this application, the applicant is requesting a Map Amendment to extend the Fort Totten Overlay District/M zoning to encompass the entire portion of the property.

PROJECT DESCRIPTION

The District of Columbia Department of Public Works (DPW) operates and maintains the Fort Totten Solid Waste Transfer Facility. The intent is to continue the facility's use as a solid waste transfer facility. The need for an efficient and clean solid waste disposal system in the District has been addressed by the Solid Waste Transfer Facility Site Selection Advisory Panel and in the following publications:

- Report to the Council of the District of Columbia of the Solid Waste Transfer Facility Site Selection Advisory Panel, Final Report. November 10, 2000; and
- Needs Assessment for Municipal Solid Waste Transfer for the District of Columbia, Final Report. SCS Engineers. October 2000.

The DPW is taking actions to design certain alterations, repairs, and improvements to the facility, including:

- Improvement in the efficiency and reliability of solid waste transfer operations through the use of top loading directly into trailers in a new transfer vehicle tunnel;
- Return use of the facility to both public and private sector refuse vehicles and to operate within the original design capacity (estimated at 2,000 tons per day);
- Install new vehicle scales, vehicle control signals, and security measures;
- Install/improve environmental controls associated with the facility;
- Allow for periodic (i.e., selected weekday afternoons and Saturdays) citizen drop-off of household hazardous wastes, recyclables, and bulk solid waste items, and

- Improve vehicle flow and loading times for the bulky item material drop-off area, including a new loading area and procedure.

To this end, an addition to the facility is planned for the east side of the existing building. The footprint of this addition is 14,500 square feet. The existing roof over the tipping floor will be removed and the proposed new roof (reflective type, industrial system) over the tipping floor will be 9 feet higher. The added floor space and new roof will encompass an addition to the existing tipping floor so as to allow: a) refuse discharge on the floor by today's larger refuse vehicles and b) material inspections prior to loading into the transfer trailers. Also, a loading tunnel for the solid waste transfer trailers will be constructed below the new tipping floor expansion so as to allow efficient top loading into the trailers.

Alterations and repairs of the facility will include improvements to certain environmental controls, including:

- Upgrades to the existing storm water system;
- New odor and dust control systems;
- New ventilation system, and
- New signage and lighting.

A citizens' drop-off area is planned on the south side of the property to allow incoming passenger vehicles (District residents only) to dispose of recyclables, household hazardous waste, and bulk solid waste items on a periodic basis. Such access would be limited to selected weekday afternoons and Saturdays, to coincide with significantly reduced facility traffic flow (from incoming refuse vehicles and transfer trailers).

Sincerely,

Dana L. Murray, P.E.
Project Manager
SCS ENGINEERS

W. Gregory Vogt
Vice President
SCS ENGINEERS

Enclosures

cc: Thomas Henderson, Administrator Solid Waste Administration

SCS ENGINEERS

APPLICATION FOR CONSOLIDATED APPROVAL OF A PLANNED UNIT DEVELOPMENT

Fort Totten Solid Waste Transfer Facility
4900 Bates Road, N.E.
Washington, D.C.



RECEIVED
D.C. OFFICE OF ZONING
2004 AUG -5 PM 1:32

Prepared for:

Office of the Zoning Commision
441 4th Street, N.W.
Suite 210 South
Washington, D.C. 20001

Case No. [redacted] 03-28

July 2004

ZONING COMMISSION
District of Columbia
CASE NO. 03-28
EXHIBIT NO. 14

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- Background
- Project Description
- Planning and Zoning Issues

First Stage PUD (Section 2406.11)

Second Stage PUD (Section 2406.12)

EXHIBITS

Exhibit 1	Zoning Commission Form # 5 (6-94)
Exhibit 2	Zoning Map
Exhibit 3A	General Site and Development Plan
Exhibit 3B	General Site and Development Enhanced Photography
Exhibit 4	Circulation Plan
Exhibit 5A	Existing Site Plan
Exhibit 5B	Existing Site Photography
Exhibit 6A	Landscape Plan – New Plantings
Exhibit 6B	Landscape Planting List and Specifications
Exhibit 7A	Erosion and Sediment Control Plan
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Exhibit 8A-E	Floor Plans and Elevations (5 drawings)
Exhibit 9	Notice to Adjacent Property Owners
Exhibit 10	Plat for Building Permit of Parcels 124/174, 124/175, 123/57, and 123/56
Exhibit 11	Photograph of Metal Siding

PUD APPLICATION CONTENTS

PLANNED UNIT DEVELOPMENT
REQUEST FOR ZONING MAP AMENDMENT AND SPECIAL EXCEPTION
AT 4900 BATES ROAD, N.E.

SUMMARY

The applicant seeks consolidated approval of a Planned Unit Development (PUD) for the modification of the District of Columbia's Fort Totten Solid Waste Transfer Station, and a Map Amendment to extend the Fort Totten Overlay District/M zoning to encompass the entire portion of the property. The modification will provide the community with:

- A modern, environmentally-improved solid waste transfer facility;
- A citizens' convenience center to allow segregated drop-off areas for household solid waste, household hazardous waste products, and recyclable materials, and
- An improved bulk item material drop-off and loading area.

The proposed modification will be consistent with current uses of the facility.

BACKGROUND

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From the mid-1990's through most of 2002, incoming refuse vehicles were limited to only Department of Public Works and other government vehicles, and on average, approximately 600 tons of solid waste were received at the facility each day. Limited use of the facility by private contractors was reinitiated in the last quarter of 2002, and consequently, the average receiving rate has increased to approximately 800 tons of solid waste per day.

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PROJECT DESCRIPTION

The District of Columbia Department of Public Works (DPW) operates and maintains the Fort Totten Solid Waste Transfer Facility. The intent is to continue the facility's use as a solid waste transfer facility. The need for an efficient and clean solid waste disposal system in the District has been addressed by the Solid Waste Transfer Facility Site Selection Advisory Panel and in the following publications:

- Report to the Council of the District of Columbia of the Solid Waste Transfer Facility Site Selection Advisory Panel, Final Report. November 10, 2000; and
- Needs Assessment for Municipal Solid Waste Transfer for the District of Columbia, Final Report. SCS Engineers. October 2000.

The DPW is taking actions to design certain alterations, repairs, and improvements to the facility, including:

- Improvement in the efficiency and reliability of solid waste transfer operations through the use of top loading directly into trailers in a new transfer vehicle tunnel;
- Return use of the facility to both public and private sector refuse vehicles and to operate within the original design capacity (estimated at 2,000 tons per day);
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- Install/improve environmental controls associated with the facility;
- Allow for periodic (i.e., selected weekday afternoons and Saturdays) citizen drop-off of household hazardous wastes, recyclables, and bulk solid waste items, and
- Improve vehicle flow and loading times for the bulky item material drop-off area, including a new loading area and procedure.

To this end, an addition to the facility is planned for the east side of the existing building. The footprint of this addition is 14,500 square feet. The existing roof over the tipping floor will be removed and the proposed new roof (reflective type, industrial system) over the tipping floor will be 9 feet higher. The added floor space and new roof will encompass an addition to the existing tipping floor so as to allow: a) refuse discharge on the floor by today's larger refuse vehicles and b) material inspections prior to loading into the transfer trailers. Also, a loading tunnel for the solid waste transfer trailers will be constructed below the new tipping floor expansion so as to allow efficient top loading into the trailers.

Alterations and repairs of the facility will include improvements to certain environmental controls, including:

- Upgrades to the existing storm water system;
- New odor and dust control systems;
- New ventilation system, and
- New signage and lighting.

A citizens' drop-off area is planned on the south side of the property to allow incoming passenger vehicles (District residents only) to dispose of recyclables, household hazardous waste, and bulk solid waste items on a periodic basis. Such access would be limited to selected weekday afternoons and Saturdays, to coincide with significantly reduced facility traffic flow (from incoming refuse vehicles and transfer trailers).

PLANNING AND ZONING ISSUES

The property is addressed as 4900 Bates Road, N.E., consisting of approximately 6.6 acres. According to the Office of Planning, the transfer station property is made up of four parcels. Two of the parcels are zoned as Fort Totten Overlay District/M, and the other two parcels are zoned R-5-A.

The District owns the portion of approximately four acres that are defined by parcels 123/56 and 123/57. The Washington Metropolitan Area Transit Authority (WMATA) owns the portion of approximately two acres that are defined by parcels 124/174 and 124/175). WMATA granted the District specific right-of-entry in December 1975 to build and operate the transfer station. Generally, the Fort Totten facility operates on the entire 6.6-acre plot.

The site is bordered on the north by a concrete batch operation (owned by Silver Hill Concrete Company, operating as Super Concrete Inc.), on the east by a Metro-rail and CSX right-of-way, on the south by Bates Road and athletic fields of Catholic University, and on the west by the National Park Service's Fort Totten Park.

As indicated in Exhibits 1 and 10, PAR 123/57 and 123/56 currently are zoned R-5-A. This request for a Map Amendment is specifically to extend the adjacent Fort Totten Overlay/M zoning (see parcels 124/174 and 124/175 to the North that make up part of the Fort Totten Solid Waste Facility property) to encompass the entire portion of the property, including PAR 123/57 and 123/56.

The following table summarizes the FT/M zoning regulations as they apply to the proposed renovation:

	Proposed Property Renovations	Permitted/Required FT/M	Exceedance
Maximum Height	28.8 ft	80 ft	--
FAR	< 1.0	5.0	--
Rear Yard	66 ft	>12 ft	--

FIRST STAGE PUD (Section 2406.11)

(a) Completed Application Form

See ***Exhibit 1.***

(b) Map

Exhibit 2 provides the location of the subject property, the existing zoning for the property, the zoning of adjacent properties, and the area (lots) proposed for change of zoning.

(c) Statement of Purpose and Objectives of the Project

A statement of the purpose and objectives of the project, including the proposed form of development, is summarized below:

The Fort Totten Solid Waste Transfer Station and Citizens' Drop-off Facility will be modernized to better serve the District of Columbia by incorporating aesthetic and environmental improvements. The building will be expanded so that all solid waste transfer operations will be conducted inside. Air handling, dust and odor control systems will be installed, as well as updated stormwater management controls. A citizens' convenience center will be added for easy access to drop-off containers for residential bulk solid waste items, recyclables, and household hazardous wastes. In addition, improvements will be made to the existing bulk item material drop-off and loading area in the northeast corner of the site, used by District DPW personnel.

The use of the updated facility will remain consistent with the current use. The building improvements and planned expansion will allow all solid waste transfer operations (i.e., waste discharge and loadings) to occur indoors. A tunnel will be constructed for the solid waste transfer trailers, and the tipping floor will be expanded to allow for top loading of the transfer trailers.

Changes will be made in on-site traffic flow so that the incoming refuse collection trucks, the transfer trailers, the citizens' drop-off center, and the DPW bulk item drop-off area all have separate traffic patterns. Installation of new incoming truck scales and electronic/auto ID system will be used to reduce truck-weighing times and reduce/eliminate queuing outside the facility boundaries.

The existing citizen drop-off pull-out area will be renovated as a new citizens' drop-off center. This portion of the facility will allow residents to pull into well marked lanes, park, and unload bulk solid waste items, recyclable materials, and household hazardous waste into specially-marked containers. The center will receive new signage and will be landscaped for aesthetics/screening purposes. In addition, it will be accessible and secured for certain operating hours. Receiving times for citizens will be limited to selected weekday afternoons and Saturdays to coincide with significantly reduced transfer trailer traffic at the facility (moreover, while a similar entrance is shown for both types of facility users, the design plans call for clear separation by lane demarcations and flexible traffic delineators).

A detailed statement elucidating how the application meets the PUD evaluation standards in Section 2403 is summarized below:

a. Urban design, architecture, landscaping, or creation or preservation of open spaces;

Significant urban design and architectural features are not included as part of this project. Nor are significant open spaces either created or preserved. The site will receive significant landscaping on the property frontage, in part, to provide screening for the building and parking areas. The new green metal siding on the façade of the existing building and the new expansion will harmonize with the large trees located behind the building in the Fort Totten National Park. This is in keeping with the National Park Services intent to preserve the historic view of Fort Totten from the Fort Lincoln lookout.

In addition, the planned modifications will serve to move operations from outdoors to indoors, thereby eliminating/reducing noise, odors, and dust emissions from the facility. In addition, these changes will result in no visual reference to raw solid waste from the street frontage as all unloading/loading operations will occur indoors.

b. Site planning, and efficient and economical land utilization;

The size of the site will remain the same, but significant improvements will be achieved for on-site parking, material/equipment storage, the reduction/elimination of roadway queuing, and increased facility design capacity.

c. Effective and safe vehicular and pedestrian access, transportation management measures, connections to public transit service, and other measures to mitigate adverse traffic impacts;

Traffic flow will be changed to separate the transfer trailers from incoming refuse collection vehicles, and from incoming citizens' drop-off participants. Signage, lane demarcations, flexible traffic delineators, and staggered operating hours will be used to segregate the citizens' drop-off facility from other facility operations. Traffic flow safety will be improved with all refuse vehicles using left-hand turns for egress from the facility. Off-site roadway queuing will be reduced or eliminated, given the extended entrance lanes. Furthermore, all collection vehicles will be equipped with an auto ID system to facilitate automatic weighing at the truck scales.

d. Historic preservation of private or public structures, places, or parks;

This project does not address nor contain any historic public or private structures, places, or parks.

e. Employment and training opportunities;

The current employees will undergo training associated with the operation and maintenance of full-scale, modern solid waste transfer stations. Formal training will include Municipal Solid Waste Screening and Health and Safety at Solid Waste Transfer Facilities.

f. Housing and affordable housing;

Not applicable.

g. Social services/facilities;

This project will provide a critical service to the District of Columbia. The project is the modernization of an existing solid waste transfer facility. Currently, solid waste is being loaded into transfer trailers via a chute out of the side of the building and into the top of the trucks. The loading of the solid waste is out in the open and susceptible to producing odors and blowing litter.

The new design will move all solid waste handling under cover and indoors. New air handling, dust and odor control systems will be installed to reduce/eliminate odors and related environmental concerns. Blowing litter should be eliminated because operations will be inside the building. The citizens' center is one of only two such service facilities located in the District (the other is to be at the Benning Road Solid Waste Transfer Facility).

h. Environmental benefits, such as stormwater runoff controls and preservation of open space or trees;

The site requires significant improvements to achieve proper stormwater quality management. Stormwater runoff controls will be installed to address paved areas and property grades. Limited open space exists on the property (along the street frontage) and these areas will be retained and landscaped with trees and shrubbery.

i. Uses of special value to the neighborhood or the District of Columbia as a whole.

The need for an efficient and clean solid waste disposal system in the District has been addressed by the Solid Waste Transfer Facility Site Selection Advisory Panel and in the following publications:

- *Report to the Council of the District of Columbia of the Solid Waste Transfer Facility Site Selection Advisory Panel, Final Report. November 10, 2000.*
- *Needs Assessment for Municipal Solid Waste Transfer for the District of Columbia. October 2000.*

This facility will be one of two modern transfer stations that will handle solid waste generated in the District of Columbia. The modernization will reduce the impacts to the environment, in part by moving all operations indoors and through significant improvements to be made to stormwater quality management. Special value will be achieved through expansion of the citizens' drop off area for solid waste, recyclables and household hazardous

waste, allowing more materials to be received and more stations for parking and unloading items.

j. Other public benefits and project amenities and other ways in which the proposed PUD substantially advances the major themes and other policies and objectives of any of the elements of the Comprehensive Plan.

The map amendment is not inconsistent with the Comprehensive Plan objectives and policies, including those specifically related to solid waste management and environmental health, as recited below:

> *"404 SOLID WASTE MANAGEMENT*
>
> *404.1 The objective for solid waste management is to develop safe and effective methods for reducing, collecting, recycling, and disposing of solid waste and sewage sludge.*
>
> *404.2 The policies established in support of the solid waste management objective are as follows:*
>
> *(a) Develop and implement a reliable program of solid waste and sludge management that is cost-effective, environmentally sound, and fully coordinated with all responsible jurisdictions and regulatory bodies;*
>
> *404.3 The Department of Public Works shall enforce adopted noise regulations pertaining to the operation of solid waste hauling equipment in or near residential neighborhoods by limiting vehicular operating permits to the restricted hours and locations set forth in the regulations.*
>
> *404.4.1 Prohibit the sitting of Solid Waste/Trash Transfer Stations in, adjacent to, or near (within 500 feet) of any other use. All such facilities should possess valid (permanent) Certificates of Occupancy and any other necessary operating permits.*
>
> *406 ENVIRONMENTAL HEALTH AND SANITATION*
>
> *406.2 The policies established in support of the environmental health and sanitation objective are as follows:*
>
> *(c) Develop, implement, and maintain programs to manage the use, handling, transportation, storage and disposal of harmful chemical, biological, and radioactive materials (hospital wastes, radioactive materials used in research and medical treatment, hazardous organic and inorganic chemicals are of special concern) including expanded enforcement of local regulations and the establishment of a training program on the handling of hazardous materials and on emergency planning;*
>
> *(e) Develop a program to safely collect and dispose of household hazardous wastes, including batteries, paints, household cleaners, and other harmful wastes generated by residential properties...".*

(d) General Site, Landscape, and Development Plan

A general site, landscape, and development plan indicating the proposed use, location, dimensions, number of stories, and height of each building, and the exact area of the total site is shown in ***Exhibit 3A and 3B***. The landscape plan is shown in ***Exhibit 6A and 6B***.

(e) Tabulation of Development Data

Area and dimension of the lot (total area for site)	232,706 sq. ft., 400 ft by 582 ft
Percentage of lot occupancy of building	21%
Gross floor area and floor area ratio (all the same use)	41%
Circulation plan, including location of all vehicular and pedestrian access ways and the location and number of all off-street parking spaces and loading berths, including an indication of which spaces are designed for which use.	See ***Exhibit 4***
Existing topography of the development area; the location of all major natural features, including trees of 6-inch (6 in.) caliper or greater; and the location and elevation of public or private streets, alleys, or easements bounding or traversing the site, including an indication of which of the rights-of-way or easements are to be continued, relocated, or abandoned.	See ***Exhibit 6A and B***
Estimated quantities of potable water required by the project and of sanitary sewage and storm water to be generated, including the methods of calculating those quantities.	The site is already fully developed and connected to existing water and existing storm and sanitary sewers. The project will not change the water or sewer consumption rates. Based on historical data from the site for domestic usage, spray and truck wash water consumption, existing average sewage flow is approximately 3.5 GPM and the peak sewage flow is approximately 8.5 GPM.
Any other information needed to understand the unique character of the problems.	

SECOND STAGE PUD (Section 2406.12)

(a) Completed Application Form

See ***Exhibit 1***.

(b) A detailed statement as to the uses to be located in the project, including the location, number, size, and types of stores, offices, residential, institutional, industrial, and other uses is summarized below:

The uses for this project will be consistent with the existing industrial/public uses. The site is currently used as a solid waste transfer facility. Solid waste refuse collection vehicles (both District and private sector) will arrive at the site from residential and commercial waste pick-up routes. These vehicles will dispose of their loads onto an expanded tipping floor, where the waste will be visually screened/inspected, then directed into waiting transfer trailers below. New grapple cranes will be used to shift weight loads or remove bulky items. Loaded transfer trailer vehicles will depart the facility daily (Monday through Saturday) out of the District to permitted solid waste disposal

facilities in the region. The facility is to undergo significant refurbishment and expansion, including new signage, lighting, environmental controls, and incoming scales.

No stores, residential or institutional uses will be located on the site. Existing administrative offices for the facility's District DPW personnel will be retained.

(c) Detailed Site Plan

A detailed site plan, showing the location and external dimensions of all buildings and structures, utilities and other easements, and driveways is shown in ***Exhibit 3A***. Note this site does not contain walkways, plazas, arcades, or significant open spaces.

(d) Detailed Landscape and Grading Plan

A detailed landscaping and grading plan, showing all existing contour lies, landscaping to be retained, grades, planting, and landscaping is shown in ***Exhibit 6A and B***. Note this site is not creating any grades exceeding fifteen percent (15%). The plan also shows the proposed drainage for the site, including the location of the building, roads, water and sewer lines, inlets and basins, and connection to public water and sewer lines. In addition, proposed erosion control measures are shown on ***Exhibit 7A and B***.

(e) Typical Floor Plans and Architectural Elevations

Typical floor plans and architectural elevations for the building, sections for the building and the project as a whole are shown in ***Exhibit 8A through E***.

(f) Final Detailed Circulation Plan

Exhibit 4 provides a final detailed Circulation Plan, showing all driveways (including curb widths and grades), as well as detailed parking plans. Note this project does not include walkways, curb cuts, or loading areas.

(g) Other Information

No other information is provided at this time.

(h) Statement Showing Accordance with Intent and Purpose of Title

A statement showing how the second-stage plans are in accordance with the intent and purposes of this title, the PUD process, and the first-stage approval is summarized below:

This combined application is in accordance with the intent and purposes of Title 11 Chapter 24, and with the PUD processes outlined in sections 2406.11 and 2406.12.

EXHIBITS

EXHIBIT 1

ZONING COMMISSION FORM # 5 (6-94)

ZONING COMMISSION OF THE DISTRICT OF COLUMBIA

APPLICATION FOR CONSOLIDATED APPROVAL OF A PLANNED UNIT DEVELOPMENT

Before filling out this form please see the instructions on the reverse side. Print or type all information unless otherwise indicated.

In accordance with the provisions of Chapter 24 of the Zoning Regulations request is hereby made for consolidated Approval of a Planned Unit Development, details of which are as follows:

Square No.	Lot Nos.	Existing Zoning	Requested Zoning
123/57		R-5-A	FT/M
123/56		R-5-A	FT/M

Address or description of the premises: 4900 Bates Road, NE

Approximate
Area of the site: 4 ~~square feet or~~ acres.

Baist Atlas No. A+T , **Page** 3472-0, 3495-J

Brief description of the proposal:

DPW proposes to make alterations and repairs to the existing Fort Totten Solid Waste Transfer Station Building.

The above information and attached documents are true to the best of my knowledge.

Thomas M. Henderson — July 27, 2004
Owner's Signature **Date**

Thomas Henderson, Department fo Public Works
Owner's Printed Name

Person to be notified of all actions:

Christine Davis, Department of Public Works — 202-671-2406
Name **Telephone Number**

2000 14th Street, NW 6th Floor, Washington, DC 20009
Address **Zip Code**

Certification of Minimum Area: I hereby certify that the land area involved in this application is a minimum of 5,000 sq ft pursuant to Section 2401 of the Zoning Regulations.

Thomas M. Henderson
Owner's Signature

DO NOT WRITE BELOW THIS LINE

Date Received:

Date Accepted: _____ **Z. C. Case No.** _____

ZONING COMMISSION OF THE DISTRICT OF COLUMBIA

APPLICATION TO AMEND THE ZONING MAP

Before filling out this form, please see the instructions on the reverse side. Print or type all information unless otherwise indicated.

In accordance with the provisions of Section 102 of the Zoning Regulations, request is hereby made for an amendment to the Zoning Map as follows:

Square No.	Lot Nos.	Existing Zoning	Requested Zoning
123/57		R-5-A	FT/M
123/56		R-5-A	FT/M

Address or description of the premises:

49000 Bates Road, NE

Approximate
Area of the Site: 4 **square feet or acres:** acres

Baist Atlas No. A+T, **Page** 3472-0, 3495-J

The above information and attached documents are true to the best of my knowledge.

Thomas M. Henderson
Owner's Signature

July 27, 2004
Date

Thomas Henderson, Department of Public Works
Owner's Printed Name

Person(s) to be notified of all actions:

Christine Davis, Department of Public Works
Name

202-671-2406
Telephone Number

2000 14th Street, NW, 6th Floor
Address

Washington, DC
City

20009
Zip Code

DO NOT WRITE BELOW THIS LINE

Date Received:

Date Accepted: _____

Z.C. Case No. _____

ZONING COMMISSION OF THE DISTRICT OF COLUMBIA

APPLICATION FOR CONSOLIDATED APPROVAL OF A PLANNED UNIT DEVELOPMENT

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Square No.	Lot Nos.	Existing Zoning	Requested Zoning
124-/174		FT/M	No change requested
124/175		FT/M	No change requested

Address or description of the premises: 4900 Bates Road, NE

Approximate Area of the site: 2 ~~square feet or~~ acres.

Baist Atlas No. A+T, Page 3472-Q, 3495J

Brief description of the proposal:

DPW proposes to make alterations and repairs to the existing Fort Totten Solid Solid Waste Transfer Station Building.

The above information and attached documents are true to the best of my knowledge.

Mark H Meister
Owner's Signature

JULY 27, 2004
Date

MARK H. MEISTER
~~Denton U. Kent~~, WMATA
Owner's Printed Name

Person to be notified of all actions:

MARK H. MEISTER
~~Denton U. Kent~~, WMATA
Name

202-962-1589
Telephone Number

Office of Property Development & Management, 600 5th Street, NW, Washington, DC 20001
Address Zip Code

Certification of Minimum Area: I hereby certify that the land area involved in this application is a minimum of 5,000 sq ft pursuant to Section 2401 of the Zoning Regulations.

Owner's Signature

DO NOT WRITE BELOW THIS LINE

Date Received:

Date Accepted: Z. C. Case No.

ZONING COMMISSION OF THE DISTRICT OF COLUMBIA

APPLICATION TO AMEND THE ZONING MAP

Before filling out this form, please see the instructions on the reverse side. Print or type all information unless otherwise indicated.

In accordance with the provisions of Section 102 of the Zoning Regulations, request is hereby made for an amendment to the Zoning Map as follows:

Square No.	Lot Nos.	Existing Zoning	Requested Zoning
124/174		FT/M	No change requested
124/175		FT/M	No change requested

Address or description of the premises:

4900 Bates Road, NE

Approximate
Area of the Site: 2 square feet or acres: acres

Baist Atlas No. A+T, Page 3472-0, 3495-J

The above information and attached documents are true to the best of my knowledge.

Mark K Meister
Owner's Signature

JULY 27, 2004
Date

MARK K. MEISTER
~~Denton U. Kent~~, WMATA
Owner's Printed Name

Person(s) to be notified of all actions:

MARK K. MEISTER
~~Denton U. Kent~~, WMATA
Name

202-962-1589
Telephone Number

Office of Property Development & Management, 600 5th Street, NW
Address

Washington, DC
City

20001
Zip Code

DO NOT WRITE BELOW THIS LINE

Date Received:

Date Accepted: _____ Z.C. Case No. _____

EXHIBIT 2

ZONING MAP

DRAWN BY: BJD DATE: 7/2004 FILE NAME: 02200070.05\JULY2004SUB\EX_2

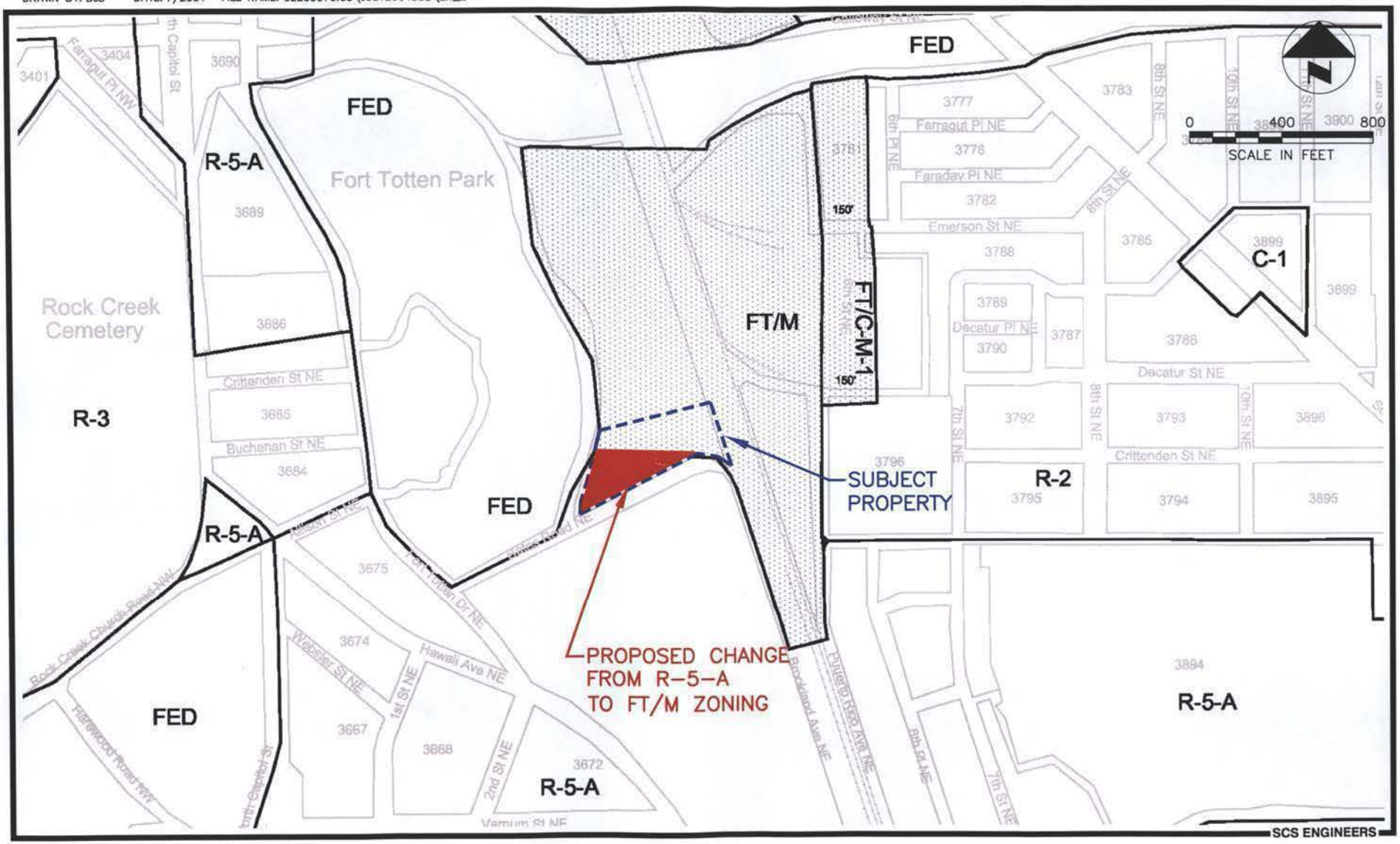


EXHIBIT 2 - ZONING MAP

EXHIBIT 3A
GENERAL SITE AND DEVELOPMENT PLAN

EXHIBIT 3B
GENERAL SITE AND DEVELOPMENT ENHANCED PHOTOGRAPHY

DRAWN BY: BJD DATE: 7/2004 FILE NAME: 02200070.05//JULY2004SUB/EX_3A

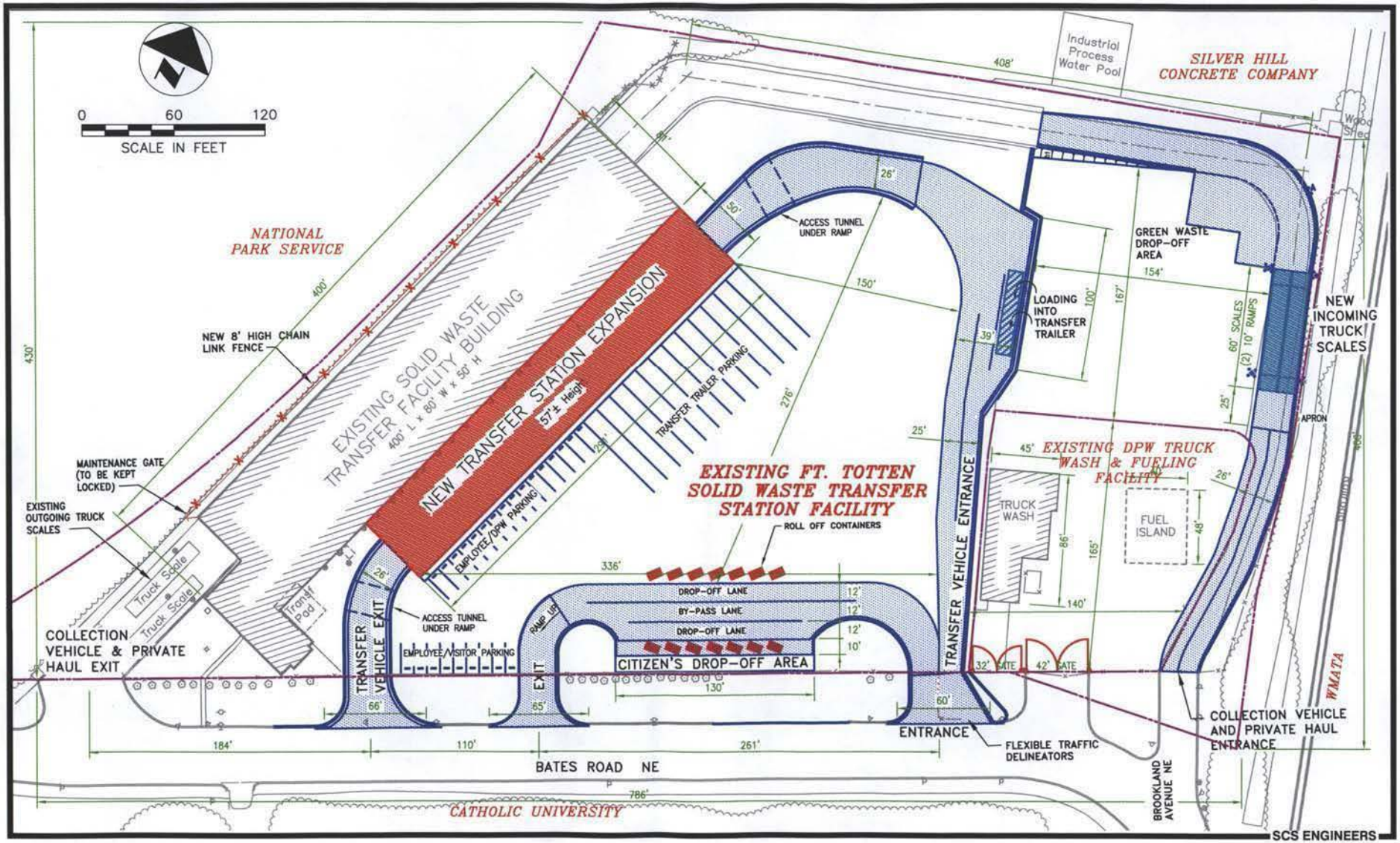


EXHIBIT 3A - GENERAL SITE AND DEVELOPMENT

DRAWN BY: BJD DATE: 7-2004 FILE NAME: 02200070.05/JULY2004SUB/EX_3B



EXHIBIT 3B - GENERAL SITE AND DEVELOPMENT ENHANCED PHOTOGRAPHY

EXHIBIT 4

CIRCULATION PLAN

DRAWN BY: BJD DATE: 7/2004 FILE NAME: 02200070.05/JULY2004SUB/EX_4

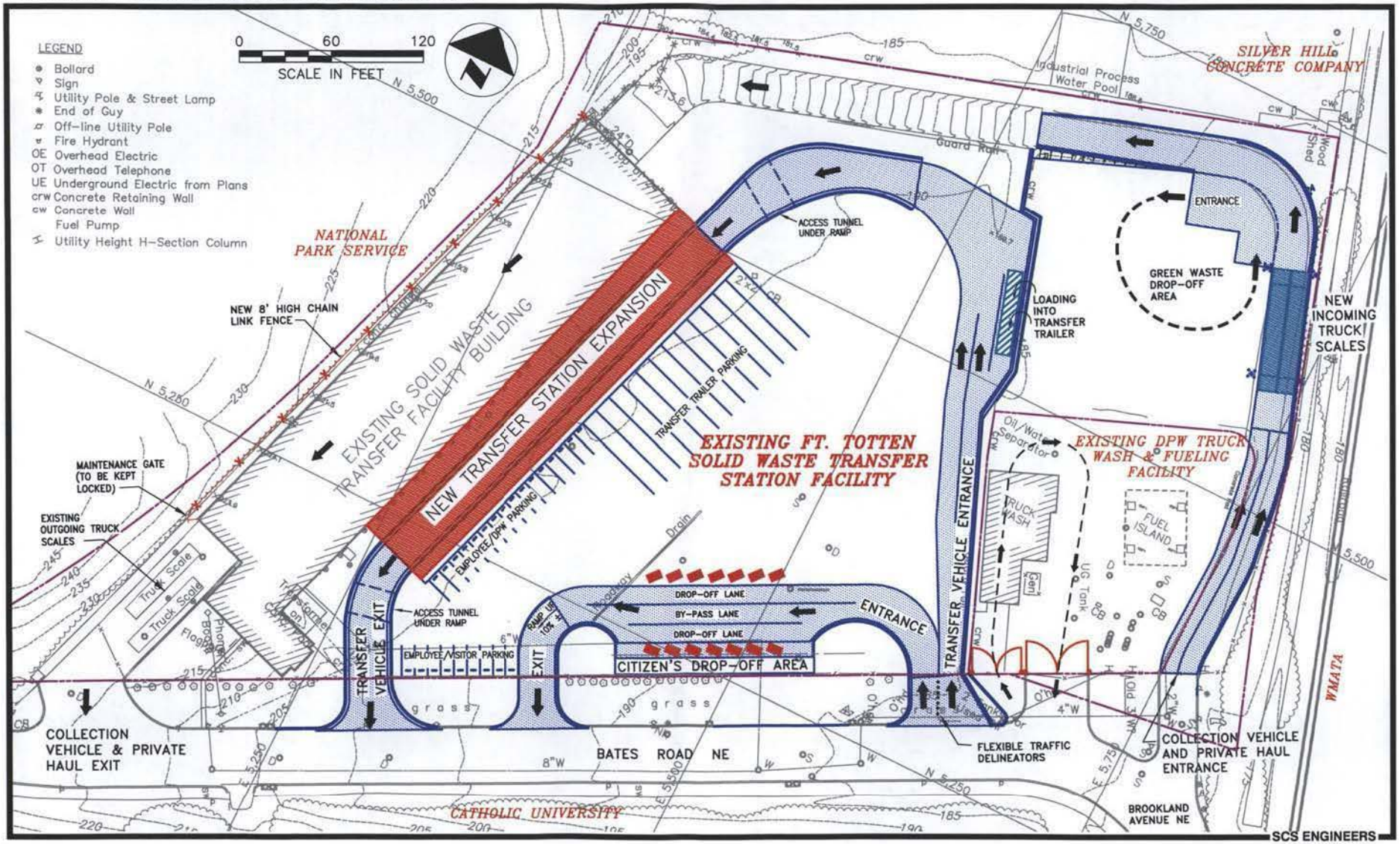
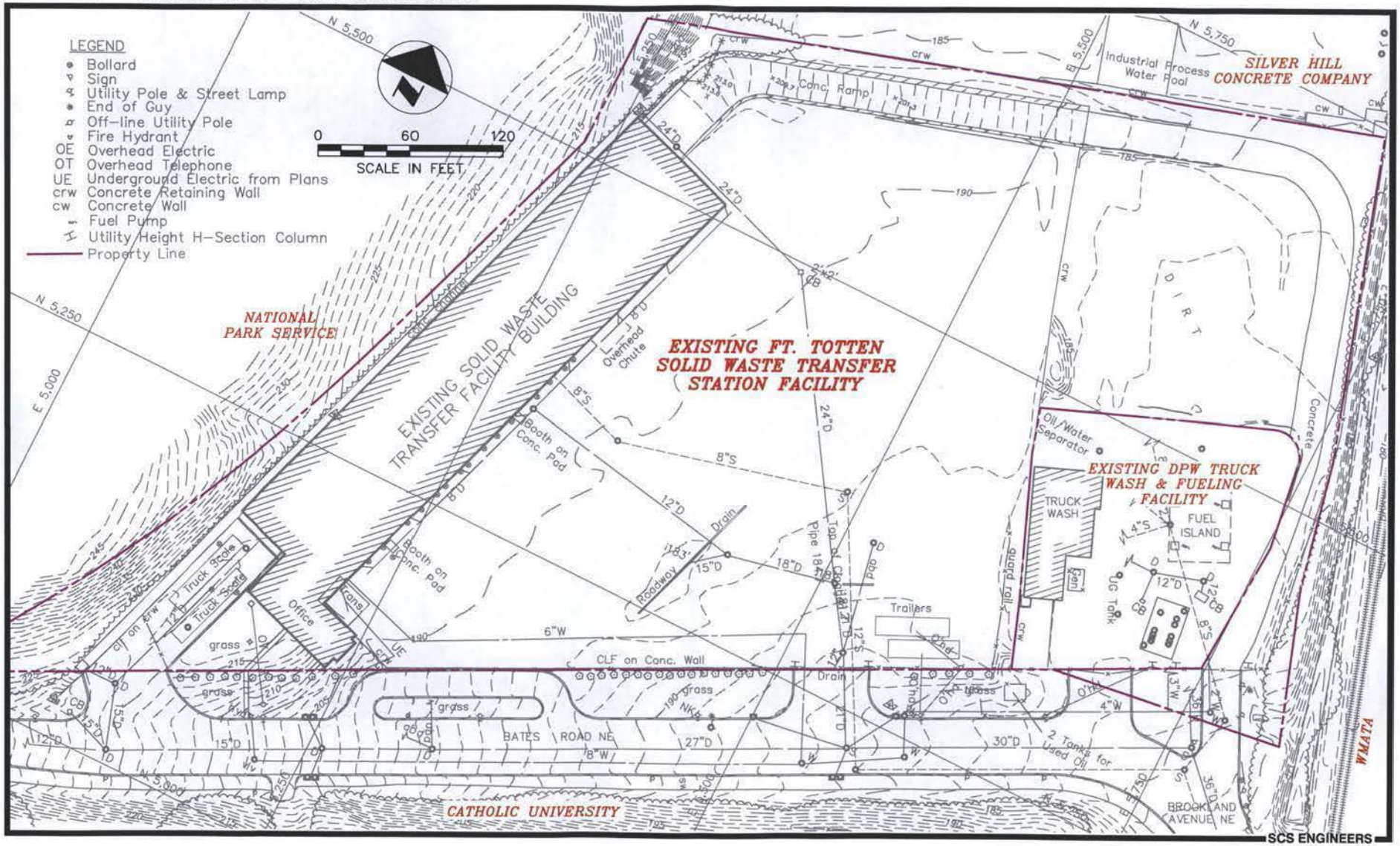


EXHIBIT 4 - CIRCULATION PLAN

EXHIBIT 5A
EXISTING SITE PLAN

EXHIBIT 5B
EXISTING SITE PHOTOGRAPHY

DRAWN BY: BJD DATE: 7/2004 FILE NAME: 02200070.05\JULY2004SUB\EX_5A



SCS ENGINEERS

EXHIBIT 5A - EXISTING SITE PLAN

DRAWN BY: BJD DATE: 7-2004 FILE NAME: 02200070.05/JULY2004SUB/EX_5B

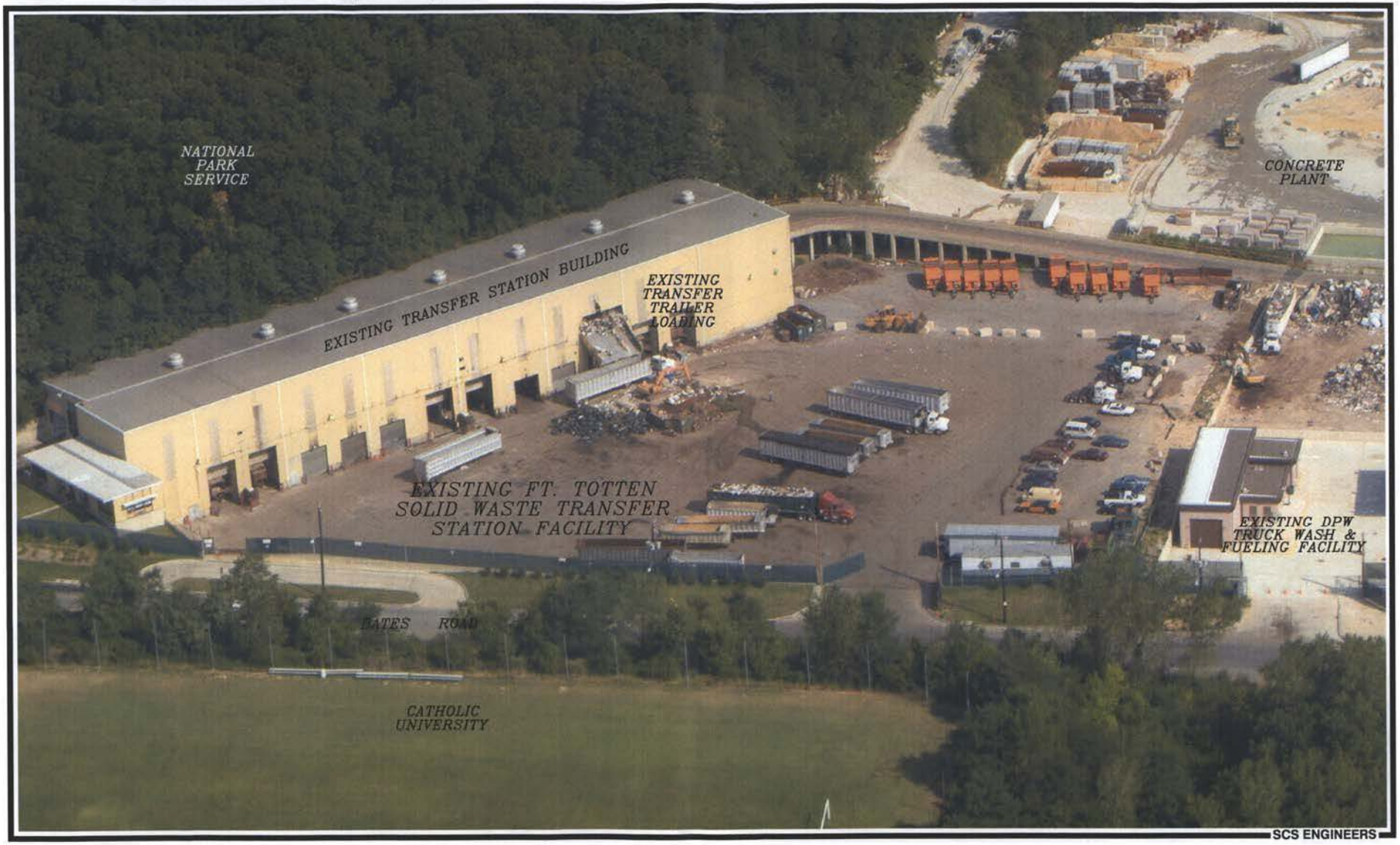


EXHIBIT 5B - EXISTING SITE PHOTOGRAPHY

EXHIBIT 6A
LANDSCAPE PLAN – NEW PLANTINGS

EXHIBIT 6B
LANDSCAPE PLANTING LIST AND SPECIFICATIONS

DRAWN BY: BJD DATE: 7/2004 FILE NAME: M:\02200070.05\JULY2004SUB\EX_6AB

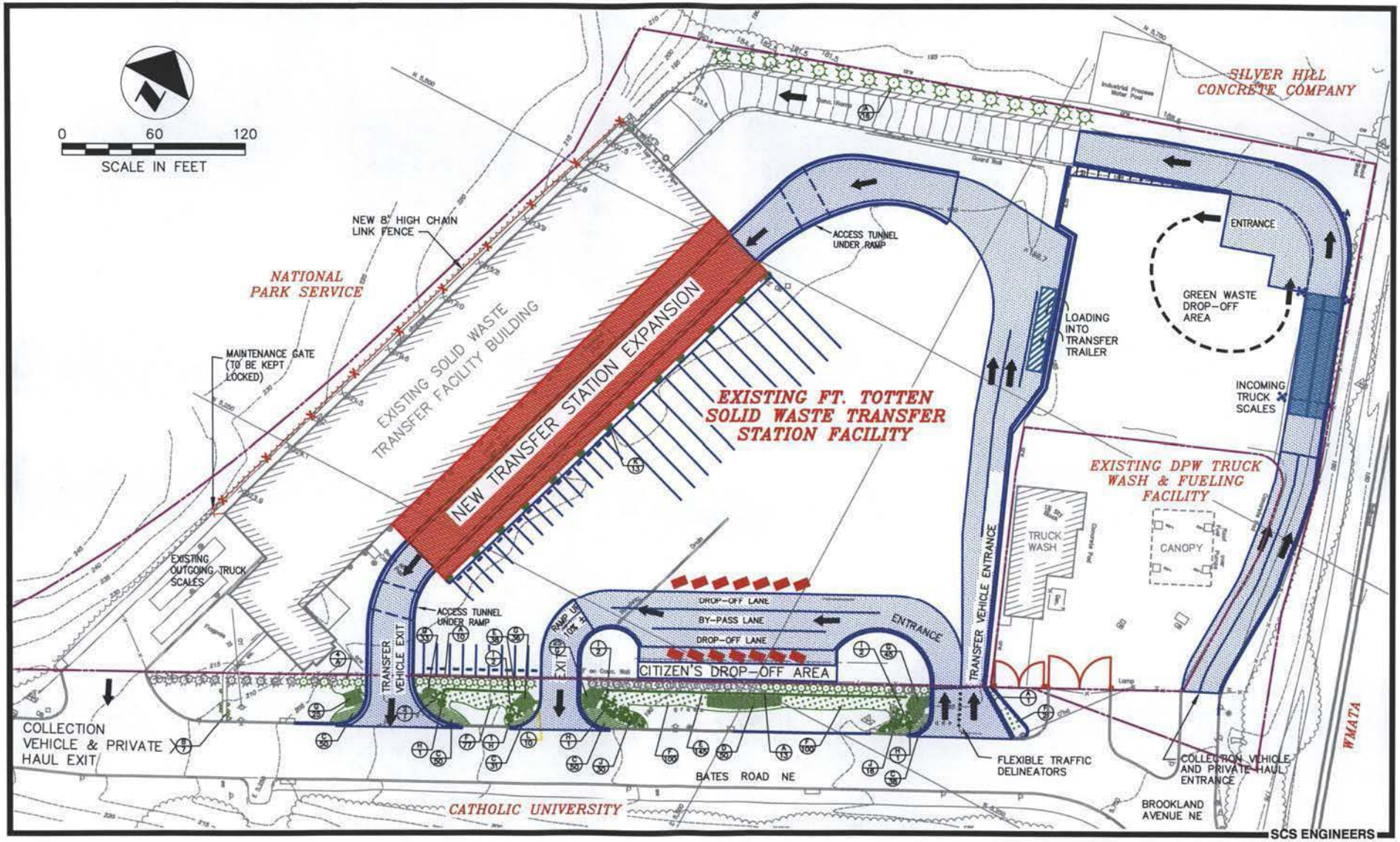


EXHIBIT 6A - LANDSCAPE PLAN - NEW PLANTINGS

PLANTING LIST

	QTY.	SIZE	COMMON NAME	BOTANICAL NAME	ROOT	SPACING	COMMENTS
A	44	6–8'	LEYLAND CYPRESS	CUPRESSOCYPARIS LEYLANDI	B & B	S.A.S.	SINGLE STAKE
B	7	3 GAL.	CRIMSON PYGMY BARBERRY	BERBERIST A. "CRIMSON PYGMY"	CONT.	S.A.S.	SEE NOTES
C	219	1 GAL.	MOONBEAM COREOPSIS	C. VERTICILLATA "MOONBEAM"	CONT.	24" O.C.	WATER
D	50	1 GAL.	ROBERT BLOOM PURPLE CONEFLOWER	ECHINACEA PURPUREA ROBERT BLOOM	CONT.	24" O.C.	WATER
E	183	1 GAL.	MARS SUNFLOWER	HELIOPSIS HELIANTHOIDES "MARS"	CONT.	24" O.C.	WATER
F	298	1 GAL.	GLORIOSA DOUBLE DAISY	RUDBECKIA HIRTA "GLORIOSA DOUBLE DAISY"	CONT.	24" O.C.	WATER
G	164	1 GAL.	SEDUM AUTUMN JOY	SEDUM SPECTABILE "AUTUMN JOY"	CONT.	24" O.C.	WATER
H	4	3 GAL.	MAIDEN GRASS	MISCANTHUS SINENSIS GRACILLIMUS	CONT.	3'–6" O.C.	WATER
I	8	3 GAL.	GRAZIELLA GRASS	MISCANTHUS SINENSIS "GRAZIELLA"	CONT.	3'–6" O.C.	WATER
J	46	2 GAL.	HAMELN GRASS	PENNESETUM A. "HAMELN"	CONT.	30" O.C.	WATER
K	??	? GAL.	??	??	CONT.	?" O.C.	WATER

TREE, SHRUB, AND PERENNIAL SPECIFICATIONS

1. FINAL LAYOUT OF ALL GARDEN BEDS TO BE APPROVED PRIOR TO CONSTRUCTION BY LANDSCAPE ARCHITECT.
2. ALL PLANT MATERIAL TO BE APPROVED ON–SITE BY LANDSCAPE ARCHITECT OR ENGINEER PRIOR TO PLANTING. ALL SUBSTITUTIONS OF PLANT MATERIALS OR VARIETIES MUST BE APPROVED BY LANDSCAPE ARCHITECT.
3. SOIL PROFILE TO CONSIST OF 2" PEA GRAVEL WITH FILTER FABRIC SEPARATION 4" SILICA SAND BASE, AND SPECIAL PLANTING MEDIAN CONSISTING OF ¼ PART TOPSOIL, ½ PART PEAT, ⅛ PART VERMICULITE, AND ⅛ PART SILICA SAND THOROUGHLY MIXED AND CONSISTENT THROUGHOUT 8" SOIL PLANTING MEDIAN PROFILE.
4. ALL PERENNIALS AND GRASSES SIZED AS NOTED, PLANTED ON 24" CENTERS OR AS NOTED ON PLAN WITH FINAL LAYOUT OF PLANT MATERIAL TO BE APPROVED BY LANDSCAPE ARCHITECT.
5. ALL PLANT MATERIAL TO BE TRUE TO NAME AND IN ACCORDANCE WITH DC STANDARD SPECIFICATIONS.
6. PERENNIAL PLANTING MEDIAN TO BE USED AS SUBSTITUTE SOIL MEDIAN FOR PLANTING OF TREES AND SHRUBS OTHERWISE PER DC STANDARD SPECIFICATIONS.
7. ALL BEDS TO HAVE 3" SPADED EDGE AND TO RECEIVE 3" DOUBLE SHREDDED HARDWOOD MULCH.

LAWN SPECIFICATIONS

1. GRASS AREAS TO BE CORE AERATED WITH 2" PLUGS OF SOIL REMOVAL. AREA TO BE OVER SEEDED WITH FESCUE BLEND FERTILIZER, AND ¼" SOIL PLANTING MEDIAL FOR SEED PER DC STANDARD SPECIFICATIONS.
2. LAWN AREAS TO RECEIVE 2 SEPARATE APPLICATIONS OF ORTHO WEED–B–GONE PER MANUFACTURERS SPECS. PRIOR TO COMMENCEMENT OF CORE AERATION, TOPSOIL PLACEMENT AND OVERSEEDING.
3. CONSULT ENGINEER AS TO DATE WHEN LAWN REMEDIATION IS TO COMMENCE.

NOTES

1. CONTRACTOR TO MEET WITH CITY AND ENGINEER AND LANDSCAPE ARCHITECT TO FINALIZE AND ADJUST FINAL TAKE–OFFS ON–SITE PRIOR TO COMMENCEMENT OF WORK.
2. SEE DC STANDARD DETAILS FOR LAYOUT AND DIMENSIONING OF GARDEN BED LINES AND CONSTRUCTION PROFILE OF AMENDED SOILS FOR PERENNIALS, TREES, AND SHRUBS.
3. FINAL REPLACEMENT COUNT TO BE APPROVED BY LANDSCAPE ARCHITECT.

EXHIBIT 6B - LANDSCAPE PLANTING LIST AND SPECIFICATIONS

EXHIBIT 7A / B / C

EROSION AND SEDIMENT CONTROL PLAN

DRAWN BY: BJD DATE: 7/2004 FILE NAME: M:\02200070.05\JULY2004SUB\EX_7A

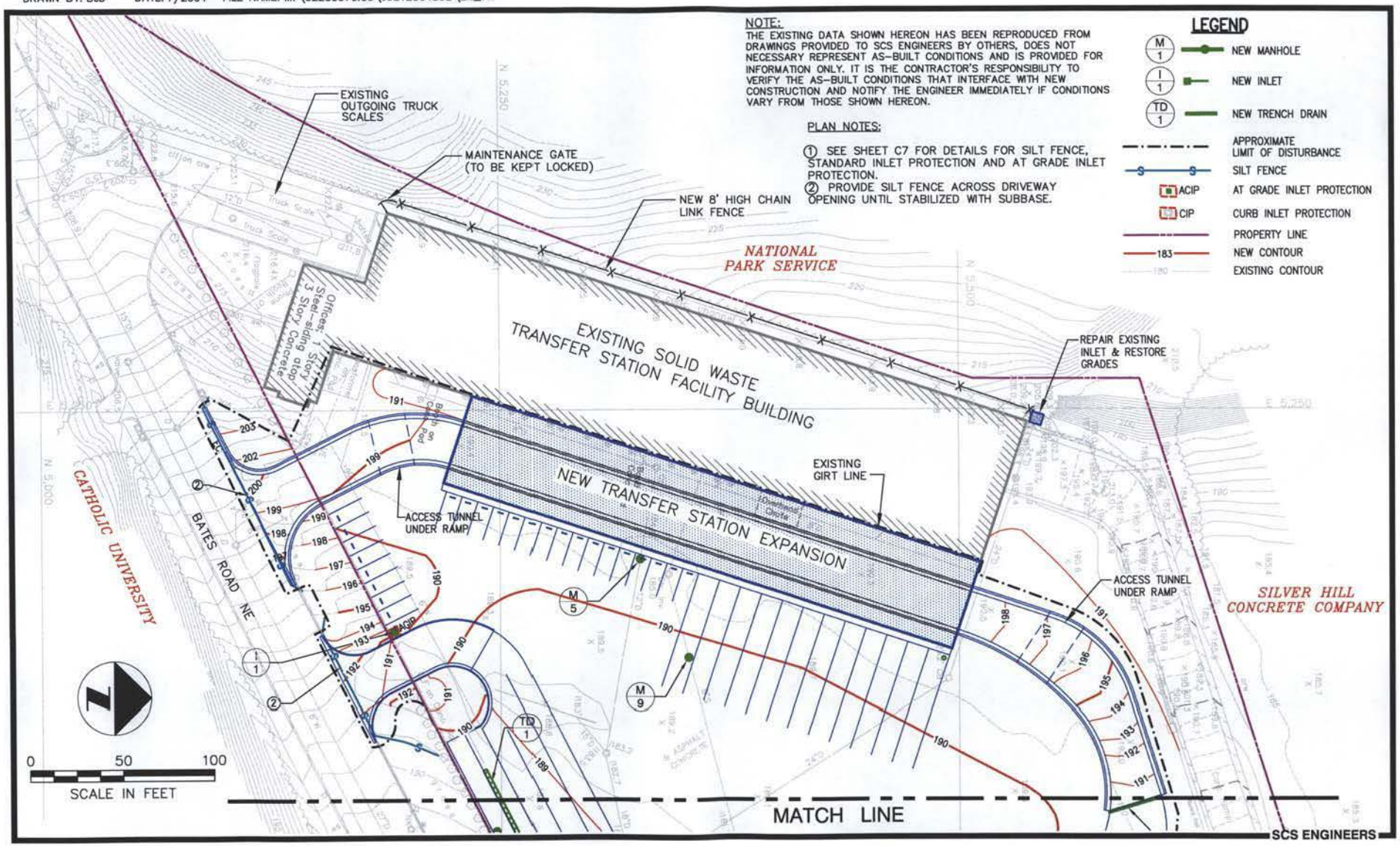
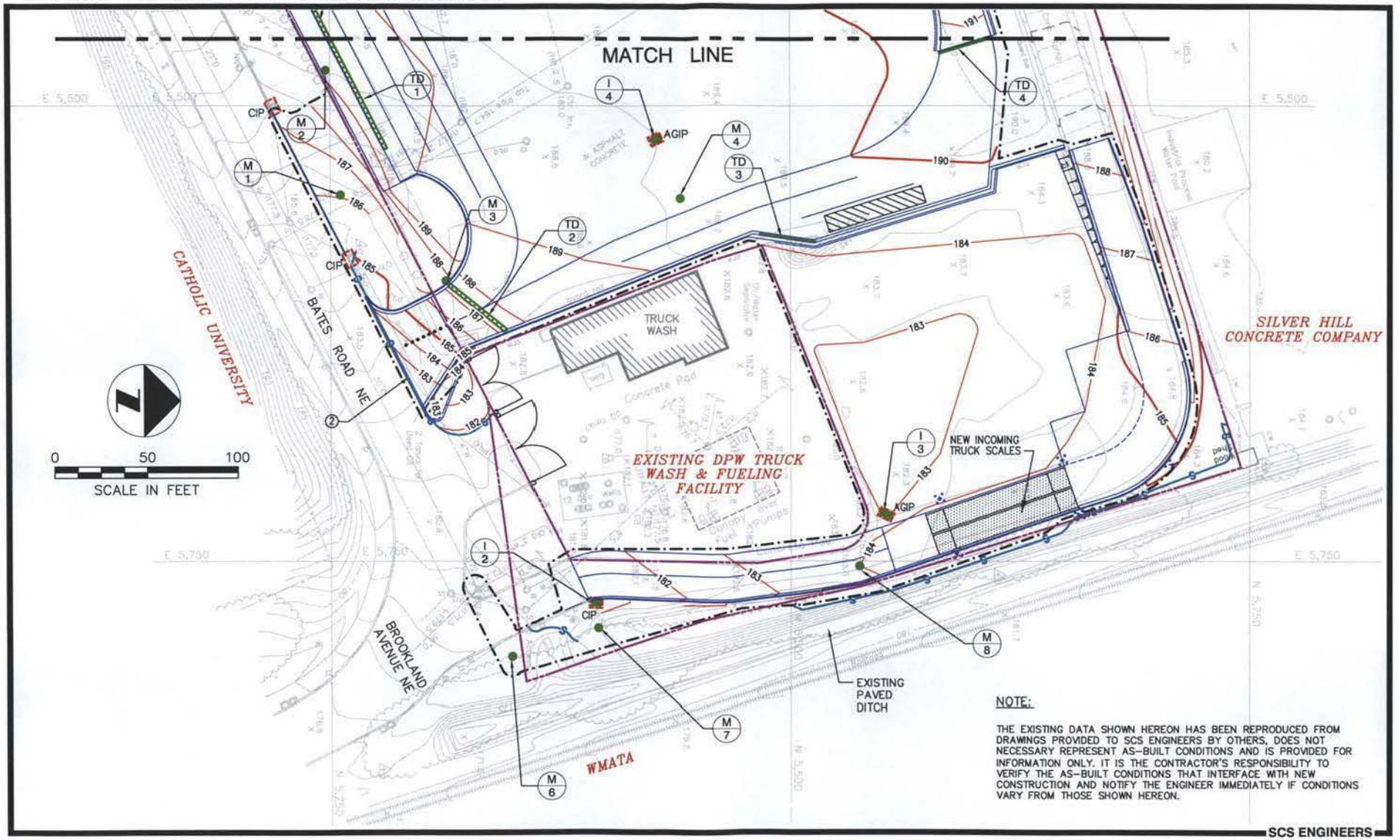


EXHIBIT 7A - EROSION AND SEDIMENT CONTROL PLAN

DRAWN BY: BJD DATE: 7/2004 FILE NAME: M:\02200070.05\JULY2004SUB\EX_7AB



NOTE:

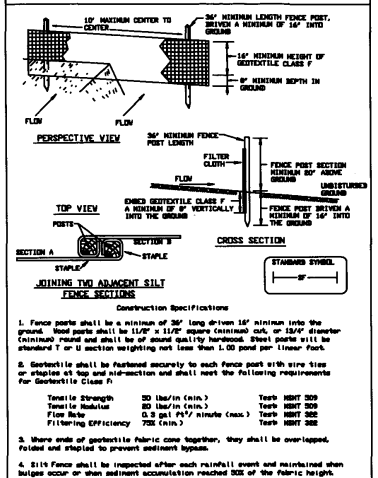
THE EXISTING DATA SHOWN HEREON HAS BEEN REPRODUCED FROM DRAWINGS PROVIDED TO SCS ENGINEERS BY OTHERS, DOES NOT NECESSARY REPRESENT AS-BUILT CONDITIONS AND IS PROVIDED FOR INFORMATION ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE AS-BUILT CONDITIONS THAT INTERFACE WITH NEW CONSTRUCTION AND NOTIFY THE ENGINEER IMMEDIATELY IF CONDITIONS VARY FROM THOSE SHOWN HEREON.

SCS ENGINEERS

EXHIBIT 7B - EROSION AND SEDIMENT CONTROL PLAN

DRAWN BY: BJD DATE: 7/2004 FILE NAME: M:\02200070.05\JULY2004SUB\EX_7ABC

DETAIL 22 - SILT FENCE



Construction Specifications

1. Fence posts shall be a minimum of 36" long driven 16" minimum into the ground. Wood posts shall be 11/2" x 11/2" square (minimum) cut, or 13/4" diameter (minimum) round and shall be of sound quality hardwood. Steel posts will be standard T or U section weighting not less than 1.00 pond per linear foot.

2. Geotextile shall be fastened securely to each fence post with wire ties or staples at top and mid-section and shall meet the following requirements for Geotextile Class F:

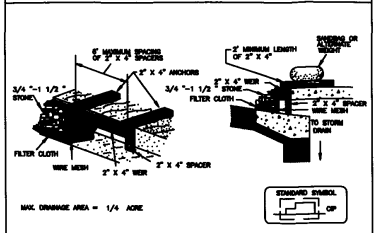
Tensile Strength	50 lbs/in (min.)	Tests MSMT 509
Tensile Modulus	20 lbs/in (min.)	Tests MSMT 509
Flow Rate	0.3 gal ft²/ minute (max.)	Tests MSMT 322
Filtering Efficiency	75% (min.)	Tests MSMT 322

3. Where ends of geotextile fabric come together, they shall be overlapped, folded and stapled to prevent sediment bypass.

4. Silt Fence shall be inspected after each rainfall event and maintained when bulges occur or when sediment accumulation reached 50% of the fabric height.

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DETAIL 23C - CURB INLET PROTECTION



Construction Specifications

1. Attach a continuous piece of wire mesh (30" minimum width by throat length plus 4') to the 2" x 4" weir (measuring throat length plus 2') as shown on the standard drawing.

2. Place a continuous piece of Geotextile Class E the same dimensions as the wire mesh over the wire mesh and securely attach it to the 2" x 4" weir.

3. Securely nail the 2" X 4" weir to a 6" long vertical spacer to be located between the weir and the inlet face (max. 4' apart).

4. Place the assembly against the inlet throat and nail (minimum 2' lengths of 2" x 4" to the top of the weir at spacer locations). These 2" x 4" anchors shall extend across the inlet top and be held in place by sandbags or alternate weight.

5. The assembly shall be placed so that the end spacers are a minimum 1' beyond both ends of the throat opening.

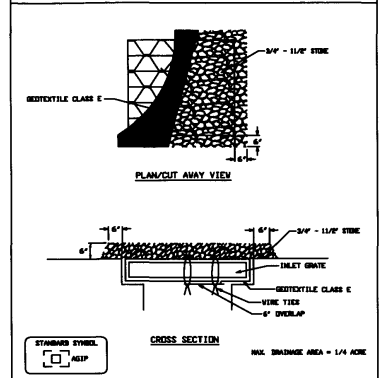
6. Form the 1/2" x 1/2" wire mesh and the geotextile fabric to the concrete gutter and against the face of the curb on both sides of the inlet. Place clean 3/4" x 1 1/2" stone over the wire mesh and geotextile in such a manner to prevent water from entering the inlet under or around the geotextile.

7. This type of protection must be inspected frequently and the filter cloth and stone replaced when clogged with sediment.

8. Assure that storm flow does not bypass the inlet by installing a temporary earth or asphalt dike to direct the flow to the inlet.

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DETAIL 23B - AT GRADE INLET PROTECTION



Construction Specifications

1. Lift grate and wrap with Geotextile Class E to completely cover all openings, then set grate back in place.

2. Place 3/4" to 11/2" stone, 4"-6" thick on the grate to secure the fabric and provide additional filtration.

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STANDARD SEDIMENT AND EROSION CONTROL NOTES

1. ALL SEDIMENT AND EROSION CONTROL METHODS SHALL BE INSTALLED BEFORE THE START OF ANY EXCAVATION AND/OR CONSTRUCTION AS PER STANDARDS AND SPECIFICATION FOR SOIL EROSION AND SEDIMENT CONTROL FOR THE DISTRICT OF COLUMBIA. IF AN ON-SITE INSPECTION REVEALS FURTHER EROSION CONTROL MEASURES ARE NECESSARY THE SAME SHALL BE PROVIDED.

2. ALL DEBRIS TO BE REMOVED FROM SITE.

3. ALLEY AND/OR STREETS SHALL BE SWEPT CLEAN AT ALL TIMES DURING EXCAVATION AND CONSTRUCTION.

4. ALL CATCH BASINS AND AREA DRAINS SHALL BE PROTECTED DURING EXCAVATION AND CONSTRUCTION.

5. IF ANY CATCH BASIN OR DRAIN BECOMES CLOGGED AS A RESULT OF EXCAVATION OR CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ITS CLEANING.

6. WHEN A SEDIMENT TRAP/SEDIMENT TANK HAS REACHED 67% CAPACITY, CLEAN OUT OF SAME IS REQUIRED.

7. ANY STOCKPILING, REGARDLESS OF LOCATION OF THE SITE, SHALL BE STABILIZED WITHIN 20 DAYS AFTER ITS ESTABLISHMENT AND FOR THE DURATION OF THE PROJECT.

8. SITE ANALYSIS:

TOTAL AREA OF SITE		ACRES
AREA DISTURBED	3.94	ACRES
AREA TO BE ROOFED OR PAVED		ACRES
TOTAL CUT		CU. YDS.
TOTAL FILL		CU. YDS.

THE ESTIMATED QUANTITIES SHOWN ABOVE ARE FOR PERMIT PURPOSES ONLY AND ARE NOT TO BE USED FOR CONSTRUCTION BIDDING PURPOSES.

SEQUENCE OF CONSTRUCTION FOR SEDIMENT AND EROSION CONTROL

1. NOTIFY SOIL CONSERVATION INSPECTOR AT LEAST 48 HOURS PRIOR TO CONSTRUCTION.
2. INSTALL SILT FENCE AND INLET PROTECTION.
3. REMOVE AND ABANDON EXISTING FEATURES AS SHOWN ON SHEET D-1.
4. PERFORM TRANSFER STATION ALTERATIONS AND REPAIRS. INSTALL NEW CATCH BASINS, MANHOLES, TRENCH DRAINS, PIPING, STORM DRAINS, STORMWATER TREATMENT SYSTEM, AND OTHER STORMWATER MANAGEMENT DEVICES.
5. PERFORM MISCELLANEOUS FACILITY REPAIRS AND IMPROVEMENTS.
6. CONSTRUCT NEW RECYCLING AND SOLID WASTE DROP-OFF CENTER.
7. REMOVE EROSION AND SEDIMENT CONTROL DEVICES WITH THE APPROVAL OF THE INSPECTOR.
8. FINALIZE CONSTRUCTION ACTIVITIES AND STABILIZE AREAS DISTURBED BY THE REMOVAL OF THE EROSION AND SEDIMENT CONTROL DEVICES.

SEDIMENT AND EROSION CONTROL NARRATIVE

THIS PROJECT IS TO BE CONSTRUCTED IN SUCH A MANNER AS TO MINIMIZE THE EFFECTS OF SEDIMENTATION AND EROSION. THE SEDIMENT AND EROSION CONTROL PLAN IS TO BE ADHERED TO AND ALL NECESSARY MEASURES WILL BE TAKEN TO ENSURE THAT UNDISTURBED AREAS WILL NOT BE CONTAMINATED BY RUNOFF FROM THE CONSTRUCTION AREA.

PROJECT DESCRIPTION: THIS PROJECT CONSISTS OF ALTERATIONS AND REPAIRS TO THE FORT TOTTEN TRANSFER STATION LOCATED IN THE DISTRICT OF COLUMBIA. ALTERATIONS INCLUDE BUT ARE NOT LIMITED TO DEMOLITION OF EXISTING FEATURES AND EQUIPMENT, EXPANSION OF EXISTING BUILDING, CONSTRUCTION OF ACCESS RAMPS TO THE BUILDING, ADDITION OF CITIZEN'S DROP-OFF AREA AND INTERIOR MODIFICATIONS.

EXISTING SITE CONDITIONS: CURRENT ON-SITE USE IS A MUNICIPAL SOLID WASTE TRANSFER STATION. THEREFORE THE SITE HAS UTILITIES INCLUDING ELECTRIC, GAS, WATER, SANITARY SEWER AND STORM SEWER. APPROXIMATELY 98% OF THE SITE IS IMPERVIOUS COVER.

SOILS DATA: BASED ON THE "GEOLOGIC MAP OF WASHINGTON, D.C., AND VICINITY" (USGS WATER SUPPLY PAPER 1776, DATED 1964), THE SITE IS UNDERLAIN BY PLEISTOCENE AND RECENT DEPOSITS OF THE COASTAL PLAIN PHYSIOGRAPHIC PROVINCE. MORE SPECIFICALLY, THE SITE IS MAPPED WITHIN THE PATUXENT FORMATION, CONTAINING LARGE ROUND PEBBLES, FINE WHITE, PINK OR YELLOW SAND, AND THIN WHITE LENSES OF WHITE OR IRON-STAINED CLAY AND KAOLIN.

ACCORDING TO THE SITE GEOTECHNICAL INVESTIGATION, THE SOILS ON SITE ARE CATEGORIZED INTO THREE DISTINCT STRATA. STRATUM I WAS 1½ TO 2 FEET THICK AND CONSISTED MAINLY OF SILTY TO CLAYEY FINE TO MEDIUM SANDS. THESE SOILS WERE CLASSIFIED AS FILL OR POSSIBLE FILL DUE TO THE SURFICIAL DISTURBANCE THAT OCCURRED DURING THE INITIAL CONSTRUCTION OF FORT TOTTEN. STRATUM II WAS CLASSIFIED AS NATIVE SANDS AND SILTS FROM THE PATUXENT FORMATION. PREDOMINANT SOIL TYPES WERE SILTY/CLAYEY FINE-MEDIUM SAND AND FINE-COARSE SAND. STRATUM III WAS CLASSIFIED AS NATIVE CLAYS FROM THE PATUXENT FORMATION. PREDOMINANT SOIL TYPE WAS SILTY LEAN TO FAT CLAY.

EROSION AND SEDIMENT CONTROL MEASURES: EMBANKMENT OR EXCAVATED SLOPES DENOTED FOR A PERIOD GREATER THAN 30 DAYS SHALL BE TEMPORARILY SEEDED AND/OR MULCHED. (SEE NOTES THIS SHEET). REVEGETATION SHALL BE ACCOMPLISHED AS SOON AS POSSIBLE.

SEDIMENT AND EROSION CONTROL NARRATIVE cont.

SILTATION CONTROL PROGRAM: CONTROL WILL BE EXERCISED THROUGH THE INSTALLATION OF SILT FENCES ON THE EAST END OF THE PROPERTY WHERE CONSTRUCTION OF A TWO LANE APPROACH ROAD WITH SCALES IS LIKELY TO CAUSE EARTH DISTURBANCE. INLET PROTECTION WILL BE PROVIDED FOR CATCH BASINS DRAINING DISTURBED AREAS. ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE CONSTRUCTED AND MAINTAINED ACCORDING TO THE LATEST EDITION OF THE DISCTICT OF COLUMBIA STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.

PERMANENT SEEDING NOTES

APPLY TO GRADED OR CLEARED AREAS NOT SUBJECT TO IMMEDIATE FURTHER DISTURBANCE WHERE A PERMANENT LONG-LIVED VEGETATIVE COVER IS NEEDED.

SEEDBED PREPARATION: LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISKING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING, IF NOT PREVIOUSLY LOOSENED.

SOIL AMENDMENTS: IN LIEU OF SOIL TEST RECOMMENDATIONS, USE ONE OF THE FOLLOWING SCHEDULES:

1. PREFERRED -- APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS/1000 SQ. FT.) AND 600 LBS PER ACRE 10-10-10 FERTILIZER (14 LBS/1000 SQ. FT.) BEFORE SEEDING. HARROW OR DISK INTO UPPER THREE INCHES OF SOIL. AT TIME OF SEEDING, APPLY 400 LBS PER ACRE 30-0-0 UREAFORM FERTILIZER (9 LBS/1000 SQ. FT.).
2. ACCEPTABLE -- APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS/1000 SQ. FT.) AND 1000 LBS PER ACRE 10-10-10 FERTILIZER (23 LBS/1000 SQ. FT.) BEFORE SEEDING. HARROW OR DISK INTO UPPER THREE INCHES OF SOIL.

SEEDING: FOR THE PERIODS MARCH 1 THRU APRIL 30, AND AUGUST 1 THRU OCTOBER 15, SEED WITH 60 LBS PER ACRE (1.4 LBS/1000 SQ. FT.) OF KENTUCKY 31 TALL FESCUE. FOR THE PERIOD MAY 1 THRU JULY 31, SEED WITH 60 LBS KENTUCKY 31 TALL FESCUE PER ACRE AND 2 LBS PER ACRE (0.05 LBS/1000 SQ. FT.) OF WEEPING LOVEGRASS. DURING THE PERIOD OF OCTOBER 16 THRU FEBRUARY 28, PROTECT SITE BY: OPTION 1 - 2 TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING. OPTION 2 - USE SOD. OPTION 3 - SEED WITH 60 LBS PER ACRE KENTUCKY 31 TALL FESCUE AND MULCH WITH 2 TONS PER ACRE WELL ANCHORED STRAW.

MULCHING: APPLY 1-1/2 TO 2 TONS PER ACRE (70 TO 90 LBS/1000 SQ. FT.) OF UNROTTED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 218 GALLONS PER ACRE (5 GAL/1000 SQ. FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS. ON SLOPES 8 FEET OR HIGHER, USE 348 GALLONS PER ACRE (8 GAL/1000 SQ. FT.) FOR ANCHORING.

MAINTENANCE: INSPECT ALL SEEDING AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDINGS.

DISTRICT OF COLUMBIA GENERAL TECHNICAL REQUIREMENTS

A. FILLS AND CLASSIFICATIONS THE GRADING PLANS AND SPECIFICATION SHALL SPECIFY AND DELINEATE THE USE AND EXTENT OF FILLS IN ACCORDANCE WITH THE FOLLOWING CLASSIFICATIONS:
1. TYPE I FILL LOAD BEARING FILLS PROPOSED FOR SUPPORT OF BUILDINGS, WALLS AND OTHER STRUCTURES, THE FUNCTION THEREOF WHICH WOULD BE ESPECIALLY IMPAIRED BY SETTLEMENT.
2. TYPE II FILL LOAD BEARING FILLS PROPOSED FOR SUPPORT OF ROADWAYS, PAVEMENTS, UTILITY LINES AND STRUCTURES WHICH WOULD NOT BE ESPECIALLY IMPAIRED BY MODERATE SETTLEMENT.
3. TYPE III FILL COMMON FILLS PROPOSED FOR LANDSCAPING OR OTHER NON-BEARING USES.

B. MATERIALS ALL LOAD BEARING FILLS SHALL MEET THE FOLLOWING REQUIREMENTS:
1. NO INCLUSIONS OF ORGANIC OR OTHER DELETERIOUS MATERIALS WHICH MAY BE SUBJECT TO DECAY SHALL BE PERMITTED. ALL FILLS SHALL ALSO BE FREE OF INCLUSIONS OF ICE OR SNOW.
2. NO ROCK OR SIMILAR IRREDUCIBLE MATERIAL WITH A MAXIMUM DIMENSION GREATER THAN EIGHT (8) INCHES SHALL BE BURIED OR PLACED IN ANY LOAD BEARING FILL WITHIN TWO (2) FEET OF FINISHED GRADE OR WITHIN TWO (2) FEET OF FOUNDATION BASE ELEVATION. WHEN SUCH MATERIAL IS PLACED IN FILLS, IT SHALL BE PLACED UNDER THE DIRECTION AND SUPERVISION OF AN ENGINEER.

C. PREPARATION OF GROUND
1. THE NATURAL GROUND SURFACE SHALL BE PREPARED TO RECEIVE FILL BY REMOVING ALL ORGANIC SURFACE MATERIALS, NONCOMPLYING FILL AND UNSUITABLE SOILS IN ACCORDANCE WITH THE FOLLOWING PROVISIONS EXCEPT AS OTHERWISE APPROVED BY THE DEPARTMENT AND BASED ON THE RECOMMENDATIONS OF THE PROFESSIONAL ENGINEER.
2. PRIOR TO PLACING TYPE I AND TYPE II FILLS - THE GROUND SURFACE IF WITHIN FIVE (5) FEET OF FINISHED GRADE OR FOUNDATION BASE ELEVATION SHALL BE COMPACTED SO AS TO ACHIEVE A DENSITY OF NOT LESS THAN NINETY PERCENT (90 %) OF MAXIMUM DENSITY AS DEFINED UNDER SECTION I OF ARTICLE V WITHIN THE TOP SIX (6) INCHES.
3. NO FILL SHALL BE PLACED ON FROZEN GROUND.

D. COMPACTION ALL FILLS WILL BE COMPACTED IN ACCORDANCE WITH THE FOLLOWING PROVISIONS:
1. ALL TYPE I AND II FILLS SHALL BE COMPACTED TO A MINIMUM OF NINETY-FIVE PERCENT (95%) AND NINETY PERCENT (90%), RESPECTIVELY, OF MAXIMUM DENSITY AS DETERMINED IN THE LABORATORY BY ASTM TEST METHOD D1557-58T, ALSO KNOWN AS THE MODIFIED PROCTOR TEST. TYPE II FILL SHALL BE COMPACTED SUFFICIENTLY SO AS TO BE STABLE AND PREVENT AN EROSION HAZARD.
2. IN PLACE (FIELD) DENSITY SHALL BE DETERMINED BY ASTM TEST OR AMERICAN SOCIETY OF HIGHWAY OFFICIALS EQUIVALENT TESTS METHOD D1556-64T METHOD OR BY THE EQUIVALENT TEST APPROVED BY THE DEPARTMENT OF INSPECTIONS.
3. FILLS SHALL BE PLACED IN APPROXIMATELY HORIZONTAL LAYERS, EACH LAYER HAVING A LOOSE THICKNESS OF NOT MORE THAN EIGHT (8) INCHES.

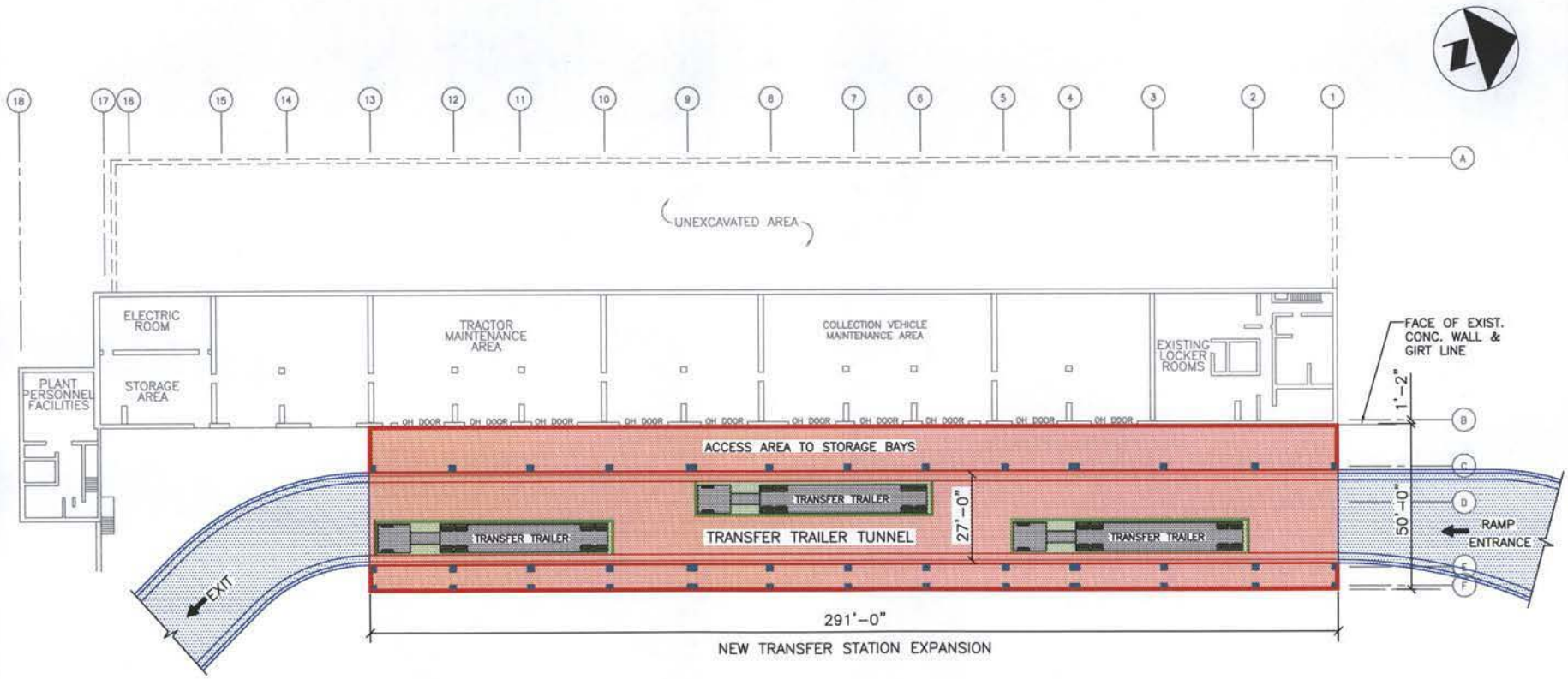
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EXHIBIT 7C - EROSION AND SEDIMENT CONTROL DETAILS

EXHIBIT 8A-E

FLOOR PLANS AND ELEVATIONS (5 DRAWINGS)

DRAWN BY: BJD DATE: 7–2004 FILE NAME: 02200070.05\JULYE2004SUB\EX_8A



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EXHIBIT 8A - FLOOR PLANS AND ELEVATIONS - BASEMENT PLAN

DRAWN BY: BJD DATE: 7-2004 FILE NAME: 02200070.05/JULY2004SUB/EX_8B

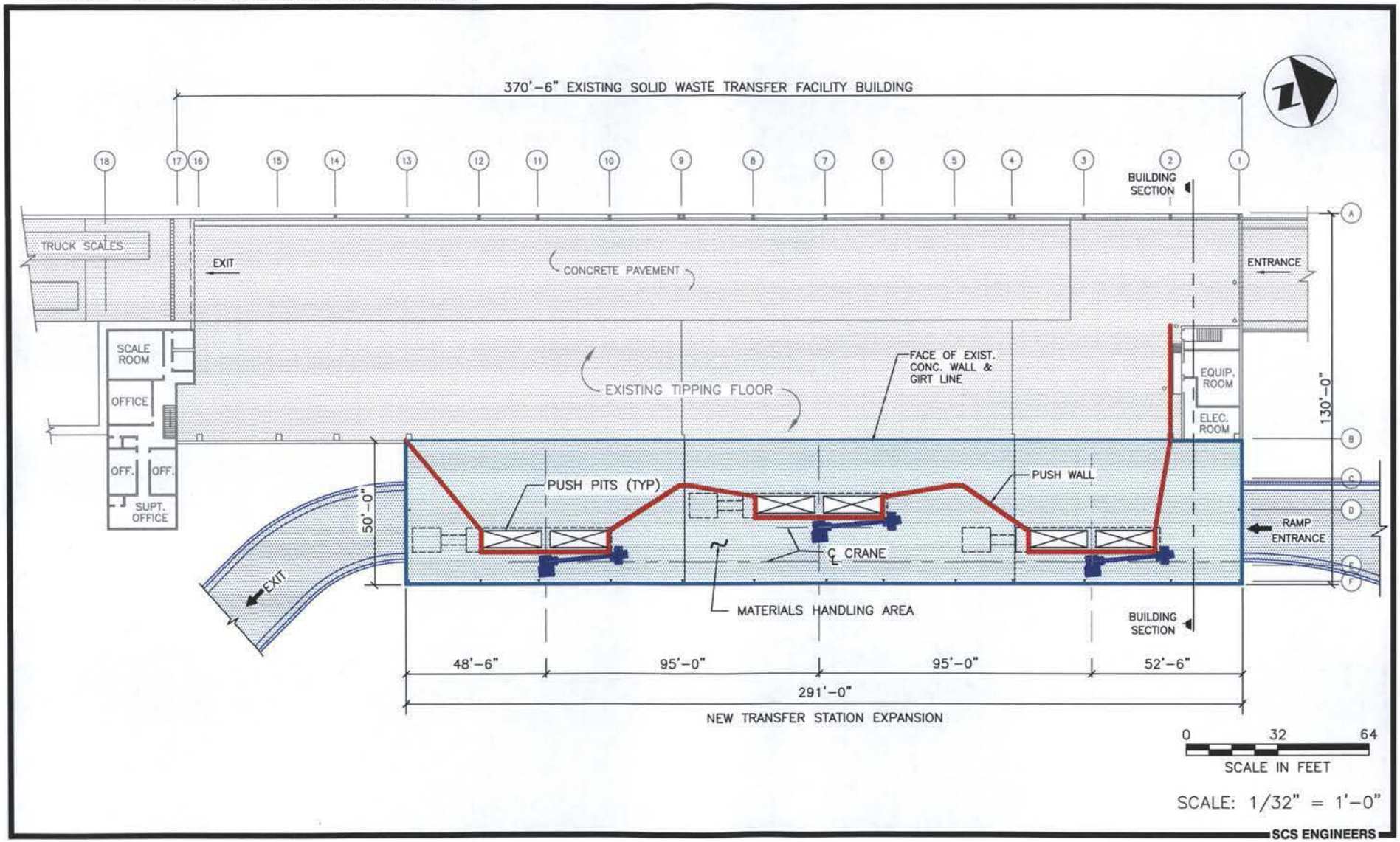
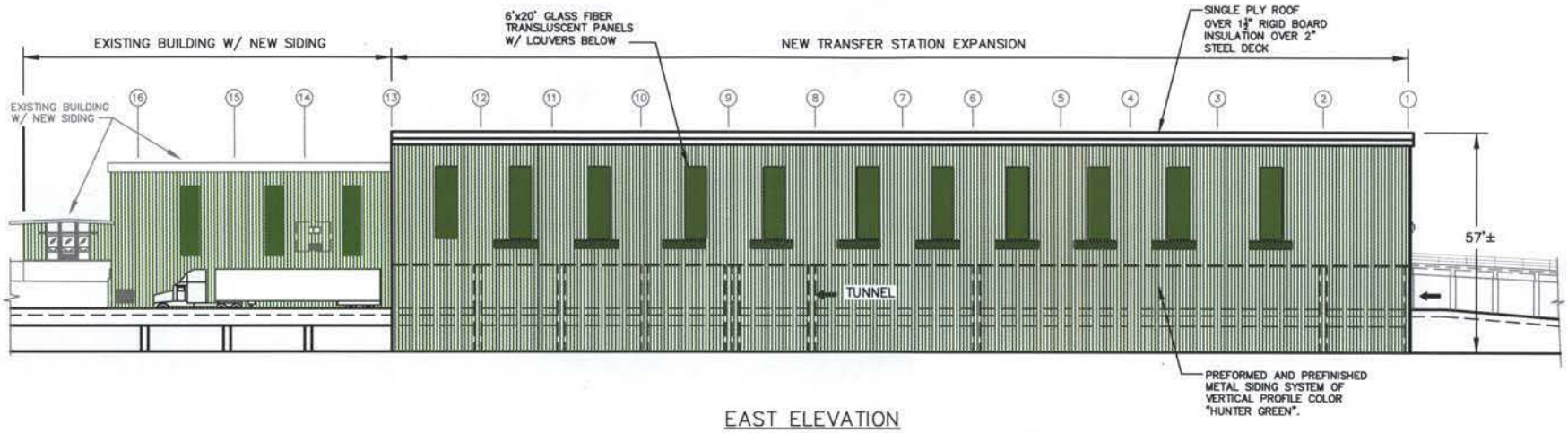


EXHIBIT 8B - FLOOR PLANS AND ELEVATIONS - TIPPING FLOOR

DRAWN BY: BJD DATE: 7-2004 FILE NAME: M:\02200070.05/JULY2004SUB\EX_8C



EAST ELEVATION

0 32 64

SCALE IN FEET

SCALE: 1/32" = 1'-0"

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EXHIBIT 8C - FLOOR PLANS AND ELEVATIONS - EAST ELEVATION

DRAWN BY: BJD DATE: 7/2004 FILE NAME: 02200070.05/JULY2004SUB/EX_8D

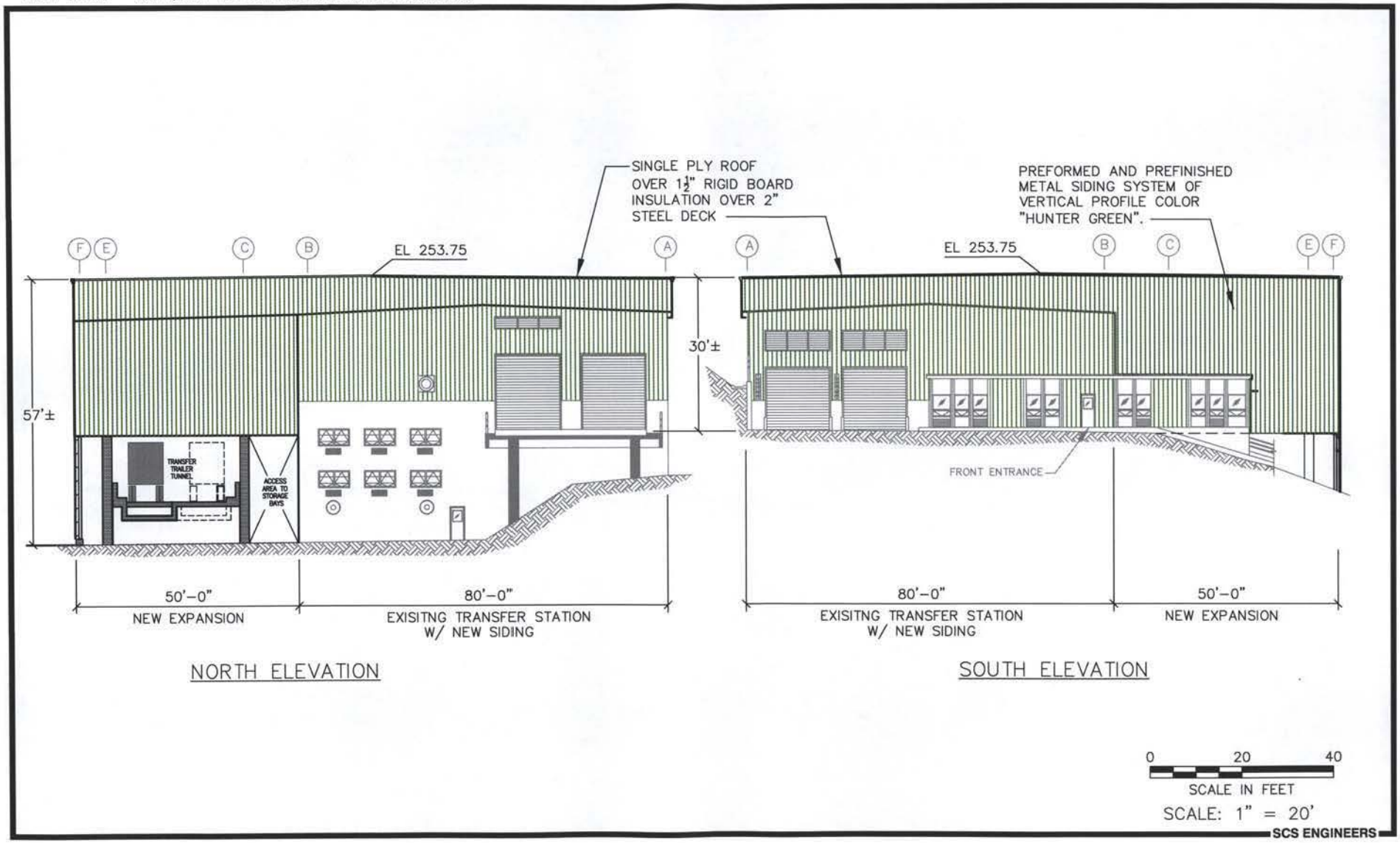


EXHIBIT 8D - FLOOR PLANS AND ELEVATIONS - NORTH AND SOUTH ELEVATIONS

DRAWN BY: BJD DATE: 7-2004 FILE NAME: 02200070.05/JULY2004SUB/EX_8E

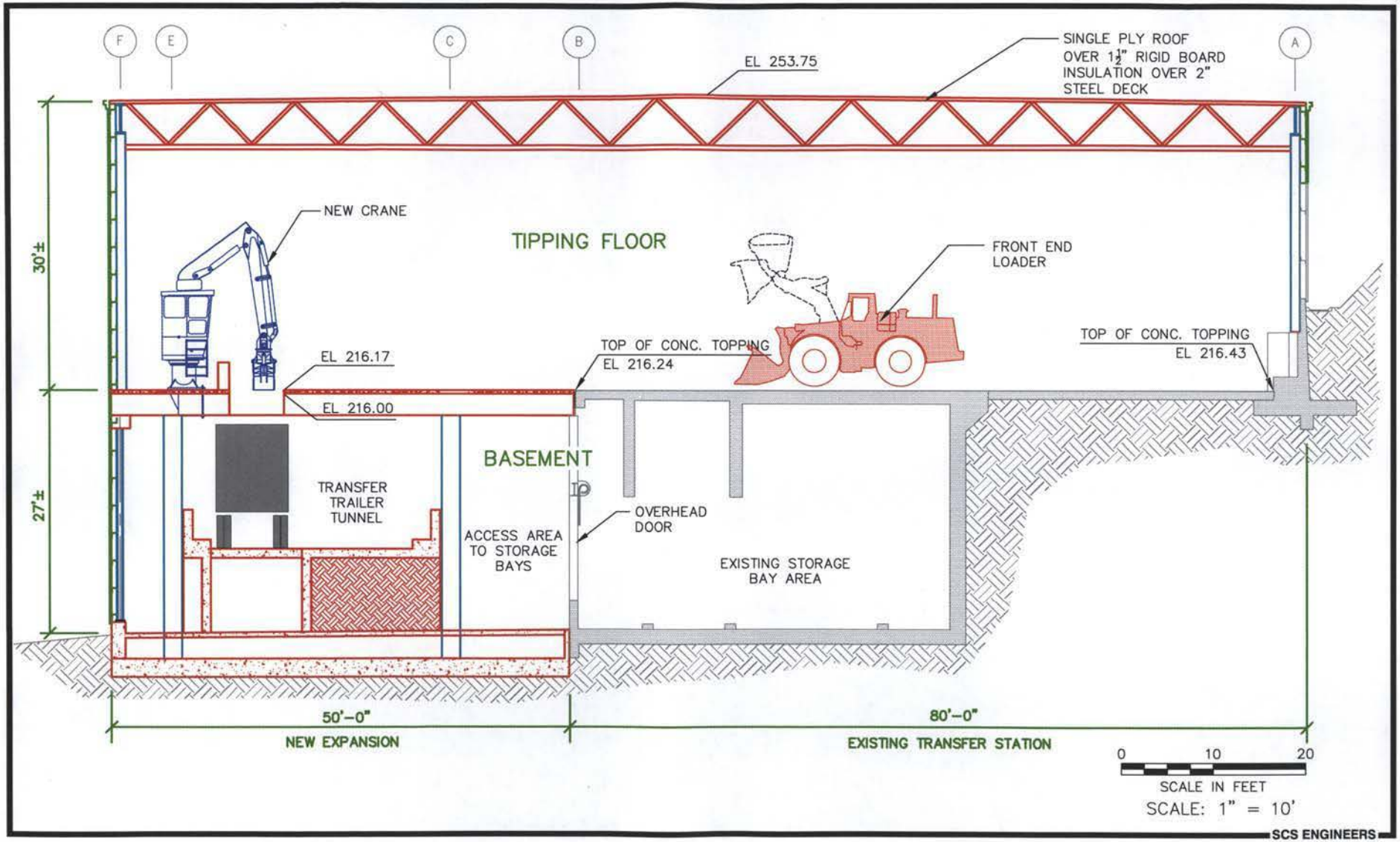


EXHIBIT 8E - FLOOR PLANS AND ELEVATIONS - BUILDING SECTION

EXHIBIT 9

NOTICE TO ADJACENT PROPERTY OWNERS

7002 0860 0004 7243 4793

U.S. Postal Service
CERTIFIED MAIL RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

OFFICIAL USE

Postage	$ 37
Certified Fee	230
Return Receipt Fee (Endorsement Required)	175
Restricted Delivery Fee (Endorsement Required)	—
Total Postage & Fees	$ 4.42

03/31/03
Postmark Here
MONDAY

ATTN-DAVID MURPHY

Sent To: NATIONAL PARKS SERVICE
Street, Apt. No.; or PO Box No.: 1100 OHIO DRIVE, SW
City, State, ZIP+4: WASHINGTON, DC 20242

PS Form 3800, April 2002 — See Reverse for Instructions

SENDER:
- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):
1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:
SUPER CONCRETE CORP
C/O BARDON INC.
6401 GOLDEN TRIANGLE DR #CO
GREENBELT, MD 20770

4a. Article Number: 7002 0860 0004 7243 4809

4b. Service Type: ☐ Registered ☐ Insured ☑ Certified ☐ COD ☐ Express Mail ☑ Return Receipt for Merchandise

7. Date of Delivery: 4-1-03

5. Signature (Addressee): Cereese Wills

8. Addressee's Address (Only if requested and fee is paid)

6. Signature (Agent)

PS Form 3811, December 1991 ☆ U.S.G.P.O.: 1992-307-530 **DOMESTIC RETURN RECEIPT**

Is your RETURN ADDRESS completed on the reverse side? Thank you for using Return Receipt Service.

SENDER:
- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):
1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:
WASHINGTON METROPOLITAN AREA
TRANSIT AUTHORITY
600 5TH STREET, NW
WASHINGTON, DC 20001
ATTN: MICHAEL HARRISON

4a. Article Number: 7002 0860 0004 7243 4763

4b. Service Type: ☐ Registered ☐ Insured ☑ Certified ☐ COD ☐ Express Mail ☑ Return Receipt for Merchandise

7. Date of Delivery

5. Signature (Addressee): Michael D. Harrison 04/01/02

8. Addressee's Address (Only if requested and fee is paid)

6. Signature (Agent)

PS Form 3811, December 1991 ☆ U.S.G.P.O.: 1992-307-530 **DOMESTIC RETURN RECEIPT**

Is your RETURN ADDRESS completed on the reverse side? Thank you for using Return Receipt Service.

SENDER:
- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):
1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:
DEPT OF PARKS + RECREATION
3149 16TH STREET, NW
WASHINGTON, DC 20010
ATTN: ARTHUR DOCKERY

4a. Article Number: 7002 0860 0004 7243 477

4b. Service Type: ☐ Registered ☐ Insured ☑ Certified ☐ COD ☐ Express Mail ☑ Return Receipt for Merchandise

7. Date of Delivery: 4/2/03

5. Signature (Addressee): Felicia McCormick

8. Addressee's Address (Only if requested and fee is paid)

6. Signature (Agent)

PS Form 3811, December 1991 ☆ U.S.G.P.O.: 1992-307-530 **DOMESTIC RETURN RECEIPT**

Is your RETURN ADDRESS completed on the reverse side? Thank you for using Return Receipt Service.

SENDER:
- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):
1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:
ATTN: DIR. CARL PETERSEN
CATHOLIC UNIVERSITY
PLANNING, DESIGN & CONSTRUCTION
ALUMNI CTR
620 MICHIGAN AVE, NE
WASHINGTON, DC 20064

4a. Article Number: 7002 0860 0004 7243 471

4b. Service Type: ☐ Registered ☐ Insured ☑ Certified ☐ COD ☐ Express Mail ☑ Return Receipt for Merchandise

7. Date of Delivery: 4-2-03

5. Signature (Addressee)

8. Addressee's Address (Only if requested and fee is paid)

6. Signature (Agent)

PS Form 3811, December 1991 ☆ U.S.G.P.O.: 1992-307-530 **DOMESTIC RETURN RECEIPT**

Is your RETURN ADDRESS completed on the reverse side? Thank you for using Return Receipt Service.

EXHIBIT 10

PLAT FOR BUILDING PERMIT OF PARCELS

- **124/174**
- **124/175**
- **123/57**
- **123/56**

CASE 03-28

EXHIBIT 14

SURVEYOR'S PLAT

HAS OVERSIZED DOCUMENT

SEE FILE AT ZONING COMMISSION

EXHIBIT 11

PHOTOGRAPH OF METAL SIDING

DRAWN BY: BJD DATE: 7-2004 FILE NAME: M:\02200070.05/JULY2004SUB\EX_11



SCS ENGINEERS

EXHIBIT 11 - PHOTO OF SIDING APPLICATION