

**SITE
75A**

Washington, DC

**THE GEORGE
WASHINGTON
UNIVERSITY**
WASHINGTON, DC

Gensler

2020 K Street, Northwest
Suite 200
Washington DC 20006
Telephone 202.721.5200
Facsimile 202.872.8587

Seal/Signature

Date

12/31/2012

Project Name

SITE 75A

ZC Case #

06-11G/06-12G

Project Number

09.7075.000

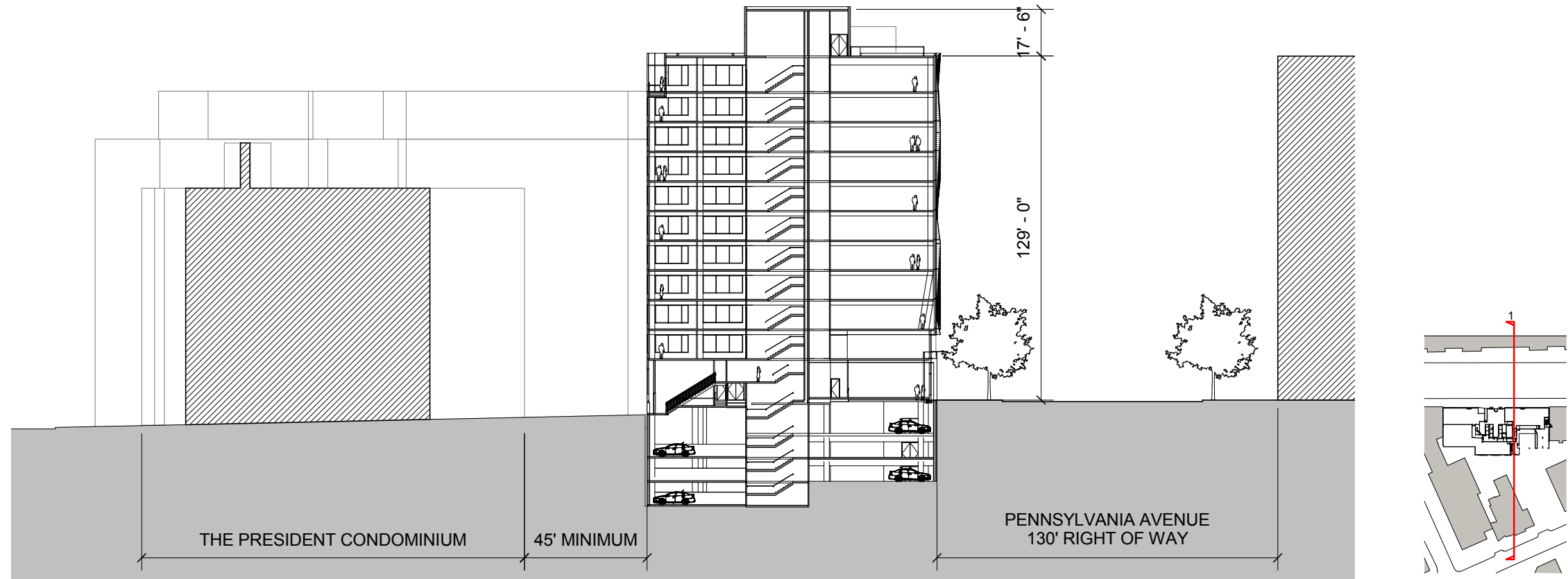
Description

BLOCK
SECTIONS

Scale

As indicated

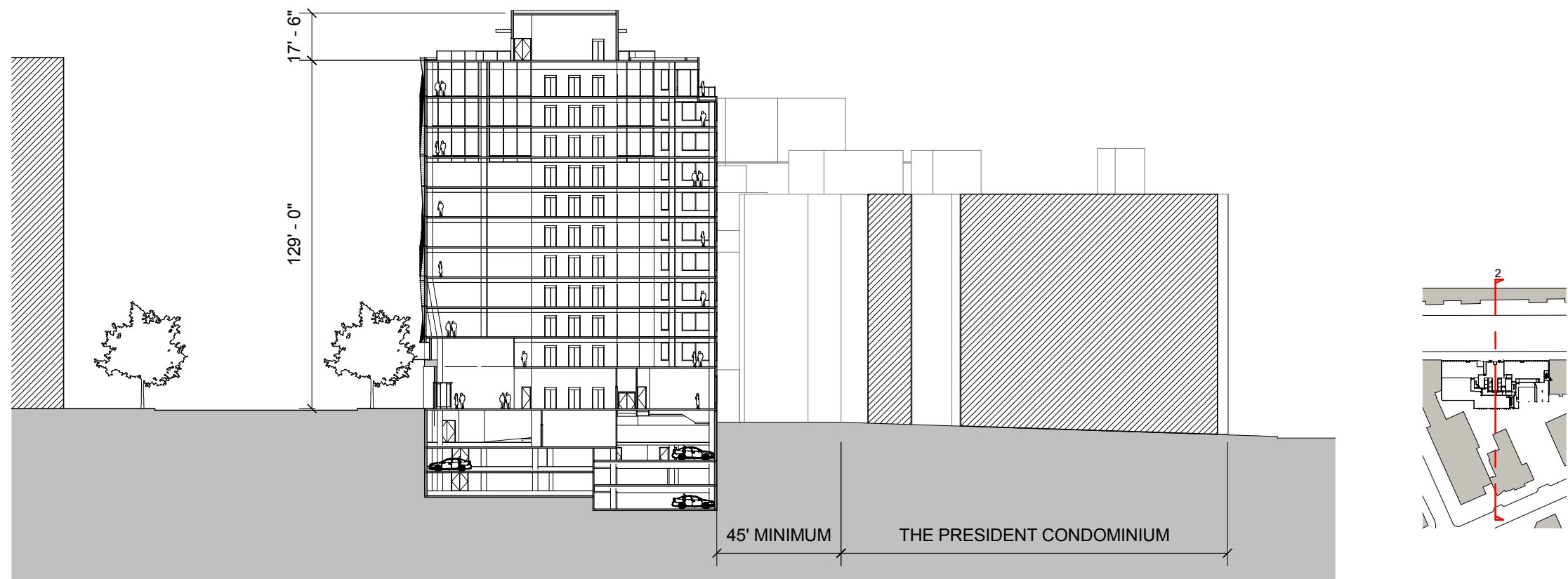
A-500
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BUILDING SECTION - N/S THROUGH STAIR 2_CONTEXT

SCALE: 1" = 50'-0"

1



BUILDING SECTION- N/S THROUGH LOBBY_CONTEXT

SCALE: 1" = 50'-0"

2

**SITE
75A**

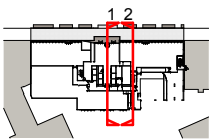
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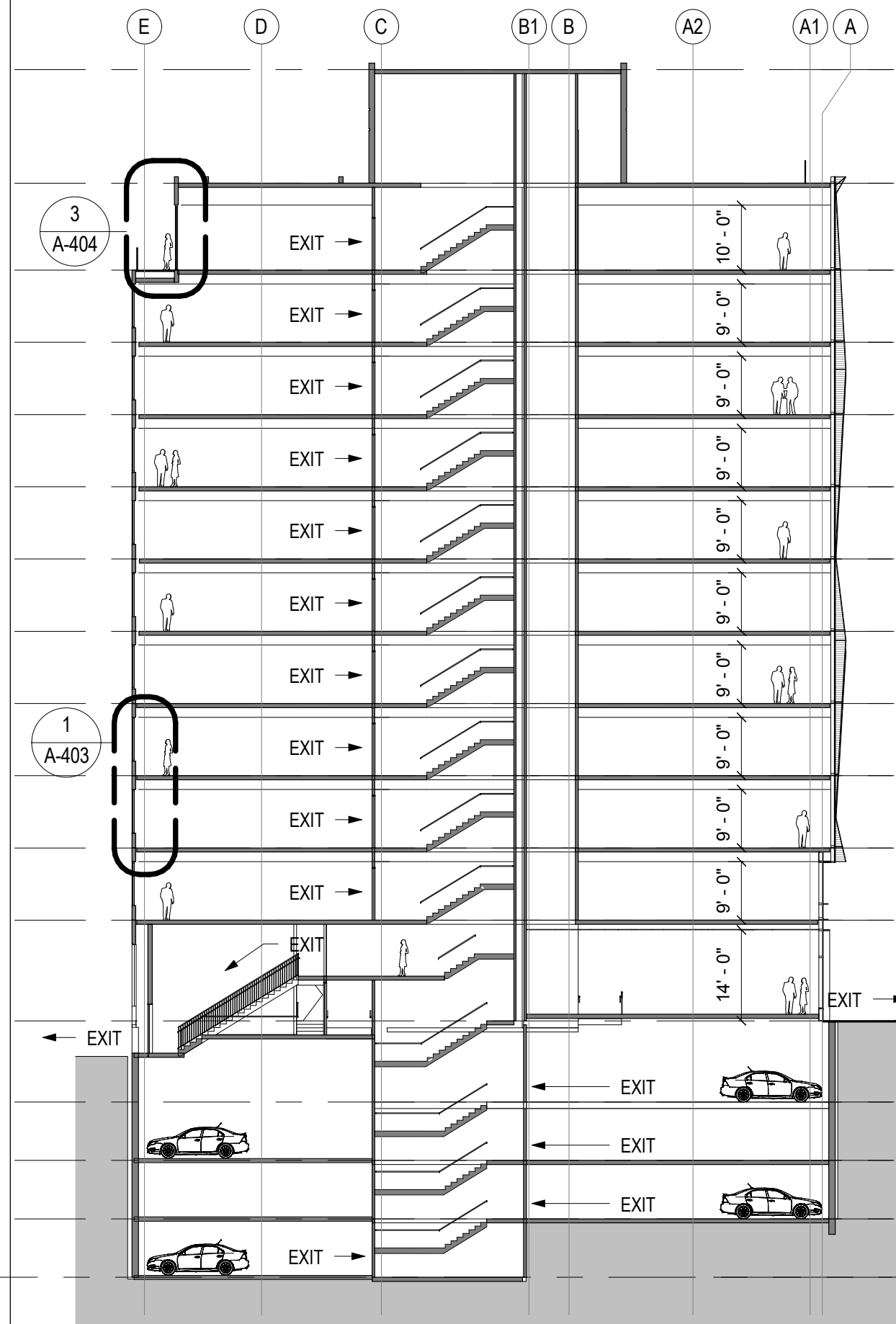
Description

BUILDING
SECTION-
NORTH/SOUTH

Scale

As indicated

A-501
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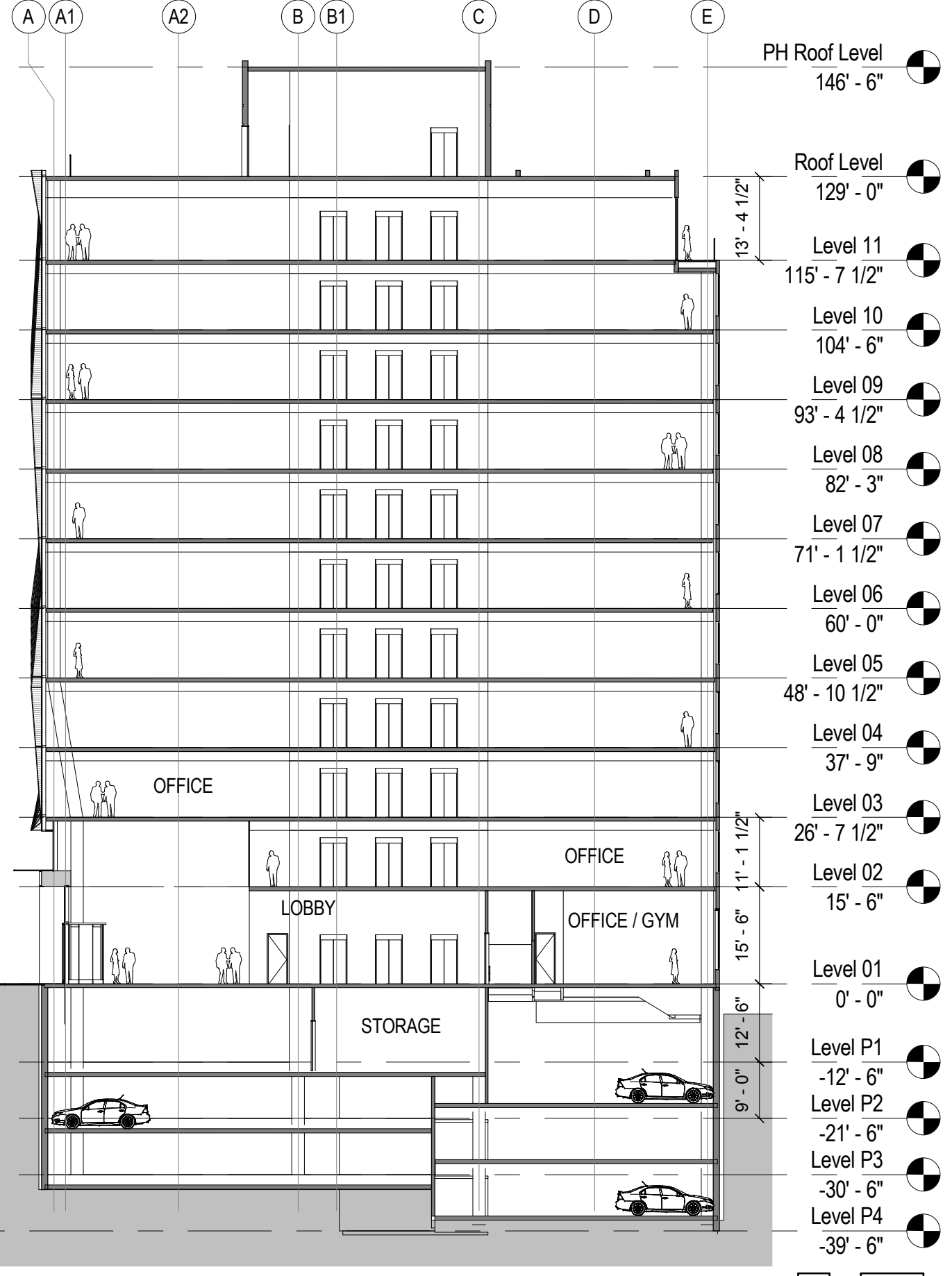


NOTE: INTERIOR LAYOUTS ARE ILLUSTRATIVE ONLY AND SUBJECT TO CHANGE ON FINAL PLAN

BUILDING SECTION - N/S THROUGH STAIR 2

SCALE: 3/64" = 1'-0"

2

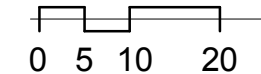


BUILDING SECTION- N/S THROUGH LOBBY

SCALE: 3/64" = 1'-0"

1

- PH Roof Level 146' - 6"
- Roof Level 129' - 0"
- Level 11 115' - 7 1/2"
- Level 10 104' - 6"
- Level 09 93' - 4 1/2"
- Level 08 82' - 3"
- Level 07 71' - 1 1/2"
- Level 06 60' - 0"
- Level 05 48' - 10 1/2"
- Level 04 37' - 9"
- Level 03 26' - 7 1/2"
- Level 02 15' - 6"
- Level 01 0' - 0"
- Level P1 -12' - 6"
- Level P2 -21' - 6"
- Level P3 -30' - 6"
- Level P4 -39' - 6"



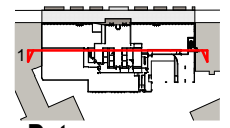


PH Roof Level	146' - 6"	☐
Roof Level	129' - 0"	☐
Level 11	115' - 7 1/2"	☐
Level 10	104' - 6"	☐
Level 09	93' - 4 1/2"	☐
Level 08	82' - 3"	☐
Level 07	71' - 1 1/2"	☐
Level 06	60' - 0"	☐
Level 05	48' - 10 1/2"	☐
Level 04	37' - 9"	☐
Level 03	26' - 7 1/2"	☐
Level 02	15' - 6"	☐
Level 01	0' - 0"	☐
Level P1	-12' - 6"	☐
Level P2	-21' - 6"	☐
Level P3	-30' - 6"	☐
Level P4	-39' - 6"	☐

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BUILDING SECTION- E/W

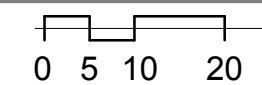
Scale

As indicated

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BUILDING SECTION - E/W THROUGH 2100 E STAIR

SCALE: 3/64" = 1'-0"



A-502
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Description

LEED
SCORECARD

Scale

12" = 1'-0"

A-600

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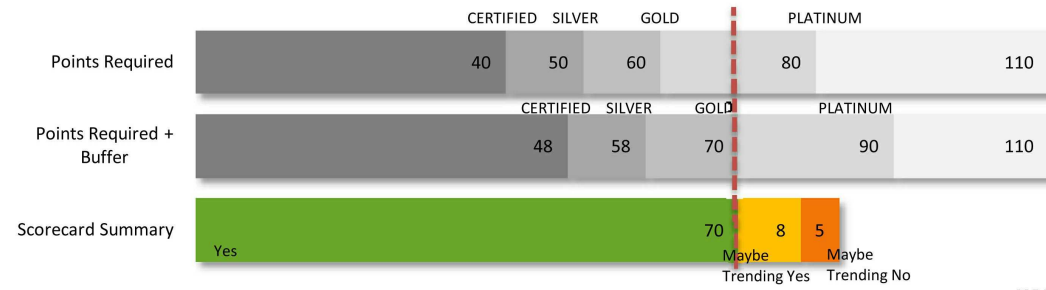
LEED CS 2009 (BD&C) - Summary Scorecard - SQ 75

SITE 75A

20037

LEED Goal: Gold

LEED TBD - 09.70075.000



Identifier	Credit Name	Documentation by:	Documentation			
			Y	MY	MN	N
SSp1	Construction Activity Pollution Prevention	Contractor	R			
SSc1	Site Selection	Client	1			
SSc2	Development Density and Community Connectivity	Gensler	5			
SSc3	Brownfield Redevelopment	Client				1
SSc4.1	Alternative Transportation - Public Transportation Access	Gensler	6			
SSc4.2	Alternative Transportation - Bicycle Storage and Changing Rooms	Client	2			
SSc4.3	Alternative Transportation - Low-Emitting and Fuel-Efficient Vehicles	Client	3			
SSc4.4	Alternative Transportation - Parking Capacity	Gensler		2		
SSc5.1	Site Development - Protect or Restore Habitat	Civil	1			
SSc5.2	Site Development - Maximize Open Space	Civil	1			
SSc6.1	Storm water Design - Quantity Control	Civil	1			
SSc6.2	Storm water Design - Quality Control	Civil	1			
SSc7.1	Heat Island Effect - Non-roof	Civil	1			
SSc7.2	Heat Island Effect - Roof	Gensler	1			
SSc8	Light Pollution Reduction	MEP				1
SSc9	Tenant Design and Construction Guidelines	Client	1			
			24	2		

Identifier	Credit Name	Documentation by:	Documentation			
			Y	MY	MN	N
WEp1	Water Use Reduction	MEP	R			
WEc1a	Water-Efficient Landscaping - Reduce by 50%	Landscape Des	2			
WEc1b	Water-Efficient Landscaping - Reduce by 100%	Landscape Des	2			
WEc2	Innovative Wastewater Technologies	MEP			2	
WEc3a	Water Use Reduction - 30%	MEP	2			
WEc3b	Water Use Reduction - 35%	MEP	1			
WEc3c	Water Use Reduction - 40%	MEP	1			
			8	2		

Identifier	Credit Name	Documentation by:	Documentation			
			Y	MY	MN	N
EAp1	Fundamental Commissioning of Building Energy Systems	Commissioning	R			
EAp2	Minimum Energy Performance	Energy Model	R			
EAp3	Fundamental Refrigerant Management	MEP	R			
EAc1	Optimize Energy Performance	MEP	6	2	0	
EAc1a	Optimize Energy Performance (12% New / 8% Renovation)	MEP	3			
EAc1b	Optimize Energy Performance (14% New / 10% Renovation)	MEP	1			
EAc1c	Optimize Energy Performance (16% New / 12% Renovation)	MEP	1			
EAc1d	Optimize Energy Performance (18% New / 14% Renovation)	MEP	1			
EAc1e	Optimize Energy Performance (20% New / 16% Renovation)	MEP		1		
EAc1f	Optimize Energy Performance (22% New / 18% Renovation)	MEP		1		
EAc1g	Optimize Energy Performance (24% New / 20% Renovation)	MEP				
EAc1h	Optimize Energy Performance (26% New / 22% Renovation)	MEP				
EAc1i	Optimize Energy Performance (28% New / 24% Renovation)	MEP				
EAc1j	Optimize Energy Performance (30% New / 26% Renovation)	MEP				
EAc1k	Optimize Energy Performance (32% New / 28% Renovation)	MEP				1
EAc1l	Optimize Energy Performance (34% New / 30% Renovation)	MEP				1
EAc1m	Optimize Energy Performance (36% New / 32% Renovation)	MEP				1
EAc1n	Optimize Energy Performance (38% New / 34% Renovation)	MEP				1
EAc1o	Optimize Energy Performance (40% New / 36% Renovation)	MEP				1
EAc1p	Optimize Energy Performance (42% New / 38% Renovation)	MEP				1
EAc1q	Optimize Energy Performance (44% New / 40% Renovation)	MEP				1
EAc1r	Optimize Energy Performance (46% New / 42% Renovation)	MEP				1
EAc1s	Optimize Energy Performance (48% New / 44% Renovation)	MEP				1
EAc2	On-Site Renewable Energy	MEP				4
EAc3	Enhanced Commissioning	Commissioning	2			
EAc4	Enhanced Refrigerant Management	MEP	2			
EAc5.1	Measurement and Verification - Base Building	MEP	3			
EAc5.2	Measurement and Verification - Tenant Submetering	MEP	3			
EAc6	Green Power	Client	2			
			18	2		

Identifier	Credit Name	Documentation by:	Documentation			
			Y	MY	MN	N
MRp1	Storage and Collection of Recyclables	Gensler	R			
MRC1.1a	Maintain Interior Nonstructural Components (25% Reuse)	Gensler				1
MRC1.1b	Maintain Interior Nonstructural Components (33% Reuse)	Gensler				1
MRC1.1c	Maintain Interior Nonstructural Components (42% Reuse)	Gensler				1
MRC1.1d	Maintain Interior Nonstructural Components (50% Reuse)	Gensler				1
MRC1.1e	Maintain Interior Nonstructural Components (75% Reuse)	Gensler				1
MRC2a	Construction Waste Management Divert 50% from Disposal	Contractor	1			
MRC2b	Construction Waste Management Divert 75% from Disposal	Contractor	1			
MRC3	Materials Reuse - 5% Reuse	Contractor				1
MRC4a	Recycled Content - 10% of Content	Contractor	1			
MRC4b	Recycled Content - 20% of Content	Contractor		1		
MRC5a	Regional Materials - 10% Manufactured	Contractor	1			
MRC5b	Regional Materials - 20% Manufactured + Extracted	Contractor		1		
MRC6	Certified Wood -50% FSC	Contractor	1			
			5	2		

Identifier	Credit Name	Documentation by:	Documentation			
			Y	MY	MN	N
IEQp1	Minimum Indoor Air Quality Performance	MEP	R			
IEQp2	Environmental Tobacco Smoke (ETS) Control	Macerich	R			
IEQc1	Outdoor Air Delivery Monitoring	MEP	1			
IEQc2	Increased Ventilation	MEP			1	
IEQc3.1	Indoor Air Quality Management Plan - During Construction	Contractor	1			
IEQc4.1	Low-Emitting Materials - Adhesives and Sealants	Contractor	1			
IEQc4.2	Low-Emitting Materials - Paints and Coatings	Contractor	1			
IEQc4.3	Low-Emitting Materials - Flooring Systems (GreenLabel Plus, FloorScore)	Contractor	1			
IEQc4.4	Low-Emitting Materials - Composite Wood and Agrifiber Products	Contractor	1			
IEQc5	Indoor Chemical and Pollutant Source Control	MEP		1		
IEQc6.2	Controllability of Systems - Thermal Comfort	MEP/Architect				1
IEQc7.1	Thermal Comfort - Design	MEP	1			
IEQc8.1	Daylight and Views - Daylight 75% of Spaces	Gensler			1	
IEQc8.2	Daylight and Views - Views for 90% of Seated Spaces	Gensler		1		
			7	2	2	

Identifier	Credit Name	Documentation by:	Documentation			
			Y	MY	MN	N
IDc1.1	Green Housekeeping	Client	1			
IDc1.2	Integrated Landscape Management	Client	1			
IDc1.3	Integrated Pest Management	Client	1			
IDc1.4	Low Mercury Bulbs	MEP	1			
IDc1.5	Exemplary Performance - Public Transit Access	Gensler	1			
IDalt1	Green Education	Client	0	0	0	0
IDalt2	LEED EBOM	MEP	0	0	0	0
IDc2	LEED® Accredited Professional	Gensler	1			
			6			

Note: Each project may access a maximum of 3 exemplary performance credits.

Identifier	Credit Name	Documentation by:	Documentation			
			Y	MY	MN	N
RPC1	SSc5.1	Civil	1			
RPC2	SSc6.1	Civil	1			
RPC3	WEc2	MEP			1	
RPC4	EAc1o	MEP	0	0	0	1
RPC5	EAc2	MEP	0	0	0	1
RPC6	MRC1.1e	Gensler				1
			2	1	1	

Note: Each project may access a maximum of 4 regional priority credits, selecting from the 6 available.

Project Totals 70 8 5

THE 2007 FOGGY BOTTOM CAMPUS PLAN COMMITS GW TO ACHIEVING THE EQUIVALENCY OF 16 POINTS. USING USGBC'S LEED V2.2 SCORECARD AS AN EVALUATOR OF THE SUSTAINABLE QUOTIENT OF A PROJECT. THIS SCORECARD REFLECTS GW'S ANTICIPATED GOAL OF SUBMITTING THIS PROJECT TO GBCI UNDER LEED-CS 2009 (BD&C) WITH A TARGET OF GOLD LEVEL CERTIFICATION

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Date

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Scale

A-601

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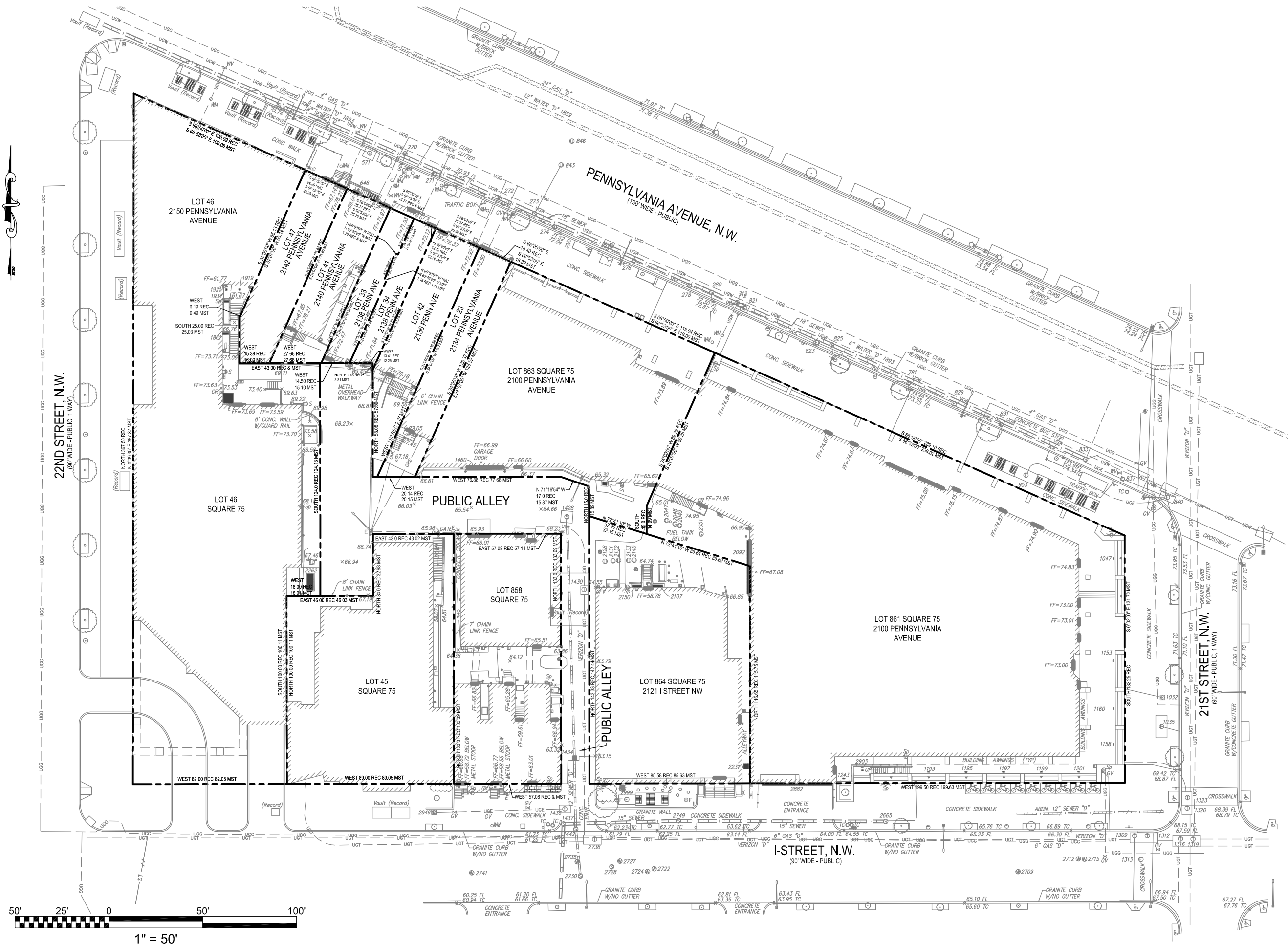
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Description

EXISTING
CONDITIONS
PLAN

Scale

C-1
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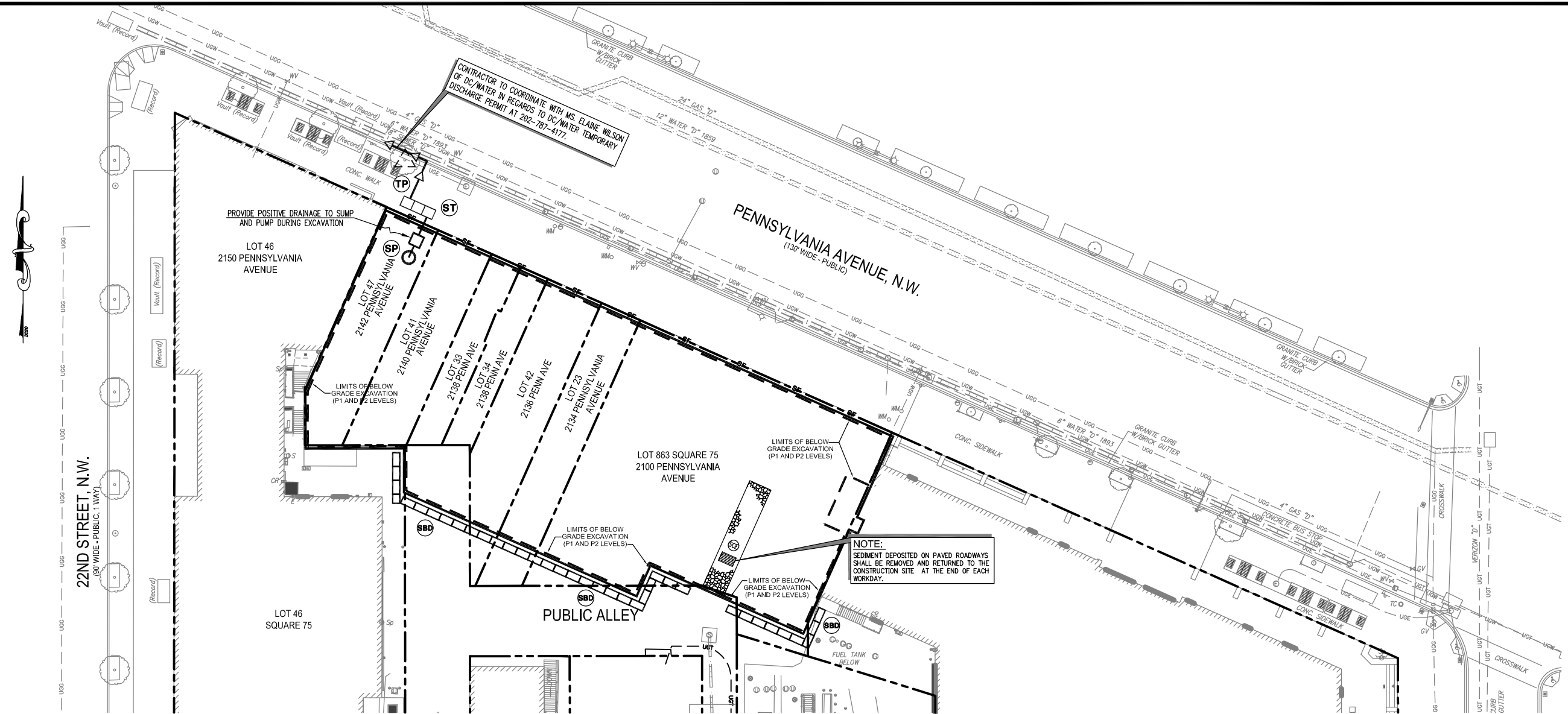
09.7075.000

Description

SEDIMENTATION AND EROSION CONTROL PLAN

Scale

C-2
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DUST CONTROL NOTES:

1. THE CONTRACTOR SHALL CONDUCT OPERATIONS AND MAINTAIN THE PROJECT SITE AS TO MINIMIZE THE CREATION AND DISPERSION OF DUST. DUST CONTROL SHALL BE USED THROUGHOUT THE WORK AT THE SITE.
2. THE CONTRACTOR MUST PROVIDE CLEAN WATER, FREE FROM SALT, OIL AND OTHER DELETERIOUS MATERIAL TO BE USED FOR ON-SITE DUST CONTROL.
3. THE CONTRACTOR SHALL SUPPLY WATER SPRAYING EQUIPMENT CAPABLE OF ACCESSING ALL WORK AREAS.
4. THE CONTRACTOR SHALL IMPLEMENT STRICT DUST CONTROL MEASURES DURING ACTIVE CONSTRUCTION PERIODS ON-SITE. THESE CONTROL MEASURES WILL GENERALLY CONSIST OF WATER APPLICATIONS THAT SHALL BE APPLIED A MINIMUM OF ONCE PER DAY DURING DRY WEATHER OR MORE OFTEN AS REQUIRED TO PREVENT DUST EMISSIONS.
5. FOR WATER APPLICATION TO UNDISTURBED SOIL SURFACES, THE CONTRACTOR SHALL:
 - A. APPLY WATER WITH EQUIPMENT CONSISTING OF TANK, SPRAY BAR, PUMP WITH DISCHARGE PRESSURE GAUGE;
 - B. ARRANGE SPRAY BAR HEIGHT, NOZZLE SPACING AND SPRAY PATTERN TO PROVIDE COMPLETE COVERAGE OF GROUND WITH WATER;
 - C. DISPERSE WATER THROUGH NOZZLES ON SPRAY BAR AT 20 PSI (137.8 K PA) MINIMUM. KEEP AREAS DAMP WITHOUT CREATING NUISANCE CONDITIONS SUCH AS PONDING.
6. FOR WATER APPLICATION TO SOIL SURFACES DURING DEMOLITION AND/OR EXCAVATION, THE CONTRACTOR SHALL:
 - A. APPLY WATER WITH EQUIPMENT CONSISTING OF A TANK, PUMP WITH DISCHARGE GAUGE, HOSES AND MIST NOZZLES;
 - B. LOCATE TANK AND SPRAYING EQUIPMENT SO THAT THE ENTIRE EXCAVATION AREA CAN BE MISTED WITHOUT INTERFERING WITH DEMOLITION AND/OR EXCAVATION EQUIPMENT OR OPERATIONS. KEEP AREAS DAMP WITHOUT CREATING NUISANCE CONDITIONS SUCH AS PONDING;
 - C. APPLY WATER SPRAY IN A MANNER TO PREVENT MOVEMENT OF SPRAY BEYOND SITE BOUNDARIES.

CONSTRUCTION AND STABILIZATION SEQUENCE:

1. INSTALL SEDIMENT AND EROSION CONTROL MEASURES INCLUDING STABILIZED TREE PROTECTION, AND SILT FENCE AS INDICATED ON SHEET C1.03. SEE SHEET C1.08 FOR SEDIMENTATION AND EROSION CONTROL DETAILS.
2. SEDIMENT CONTROL MEASURES SHALL BE INSPECTED AND APPROVED BY THE INSPECTOR PRIOR TO COMMENCING ANY OTHER LAND DISTURBING ACTIVITIES.
3. REMOVE ITEMS AS INDICATED ON DEMOLITION PLAN.
4. INSTALL SITE IMPROVEMENTS AS INDICATED ON CONSTRUCTION DOCUMENTS FOR THE PROPOSED BUILDING.
5. AT THE COMPLETION OF CONSTRUCTION AND AFTER THE INSPECTOR'S APPROVAL, ALL TEMPORARY SEDIMENTATION AND EROSION CONTROL MEASURES SHALL BE REMOVED.

SEDIMENTATION EROSION CONTROL NOTE:

THE APPLICANT MUST NOTIFY THE DEPARTMENT OF HEALTH BY PHONE (202-535-2250) AT LEAST 24 HOURS PRIOR TO THE START OF GRADING ACTIVITY AND WITHIN (2) WEEKS AFTER COMPLETION OF PROJECT TO REQUEST INSPECTION. IF THERE IS NEED TO MAKE CHANGES OR MODIFICATIONS IN THE APPROVED DESIGN, DEPARTMENT OF HEALTH MUST BE NOTIFIED IMMEDIATELY.

SCHEDULE AND HOLD PRE-CONSTRUCTION MEETING WITH THE SEDIMENT CONTROL INSPECTOR 48 HOURS PRIOR TO ANY LAND DISTURBING ACTIVITY. CALL 202-535-2977 FOR APPOINTMENT.

NOTE:

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DESIGN OF SHEETING AND SHORING AND SUPPORT OF EXISTING UTILITIES AND ADJACENT STRUCTURES. SHORING, BRACING, AND UNDERPINNING DESIGNED BY THE CONTRACTOR'S STRUCTURAL ENGINEER LICENSED IN THE DISTRICT OF COLUMBIA SHALL BE PROVIDED AS NECESSARY TO ENSURE THEIR SUPPORT.
2. PROVIDE SILT FENCE AT PERIMETER OF EXCAVATION AREA TO REMAIN IN PLACE UNTIL BELOW GRADE EXCAVATION HAS BEGUN UNLESS OTHERWISE APPROVED BY THE INSPECTOR.
3. CONTRACTOR TO PROVIDE ON SITE APPROVED STAMPED AND SIGNED SEDIMENTATION AND EROSION CONTROL DRAWINGS BY DEPARTMENT OF ENVIRONMENT, WATERSHED PROTECTION DIVISION.
4. PROVIDE CHAIN LINK FENCE AT PERIMETER OF SITE.

CONSTRUCTION DATES:

- THE PROPOSED DEMOLITION WORK DUE TO COMMENCE NO EARLIER THAN 2014 AND IS ANTICIPATED TO TAKE APPROXIMATELY 24 MONTHS.
- EXACT BEGINNING AND END OF CONSTRUCTION IS TO BE ESTABLISHED BY THE OWNER.

TOTAL AREA OF DISTURBANCE:

TOTAL AREA OF DISTURBANCE: 24,992 SQUARE FEET OR 0.5737 AC

TOTAL VOLUME OF CUT OF BELOW GRADE EXCAVATION:

TOTAL AREA OF EXCAVATION: 24,299.58 SF / 0.5578 AC
 VOLUME OF CUT: 24,299.58 SQ.FT. (AREA) X 31.50 FEET (DEPTH)
 27
 VOLUME OF CUT: 131,788.29 cy +/-

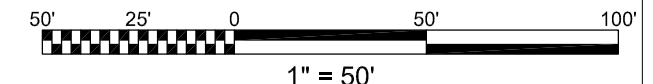
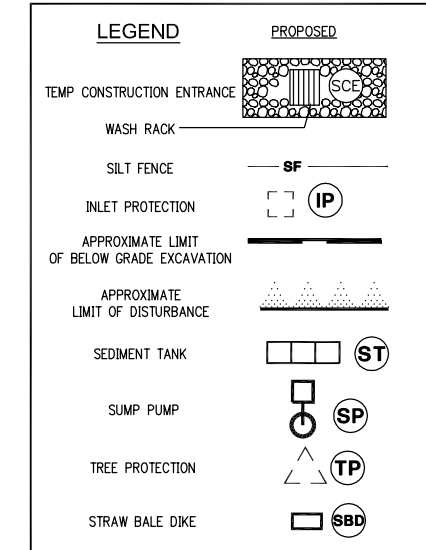
SEDIMENT CONTROL APPROVAL:

PLAN NUMBER: _____
 THIS APPROVAL IS FOR GRADING AND SEDIMENT CONTROL ONLY. PERMITTEE/ CONTRACTOR IS REQUIRED TO CONSTRUCT DESIGN FEATURE SHOWN HEREON. HE SHALL NOTIFY THIS OFFICE AT NUMBER LISTED BELOW AT LEAST 24 HOURS BEFORE START OF GRADING ACTIVITY, AND WITHIN TWO WEEKS AFTER COMPLETION OF PROJECT FOR FINAL INSPECTION.

DATE _____

EROSION AND SEDIMENT CONTROL BRANCH

FOR FURTHER INFORMATION, PLEASE CALL:
 GOVERNMENT OF THE DISTRICT OF COLUMBIA
 DISTRICT DEPARTMENT OF ENVIRONMENT
 WATERSHED PROTECTION DIVISION
 1200 1ST-STREET, NE
 WASHINGTON, D.C.
 TEL NO. (202) 535-2240
 FAX NO. (202) 535-1364



THIS SHEET IS TO BE USED FOR SEDIMENTATION AND EROSION CONTROL PURPOSES ONLY !!

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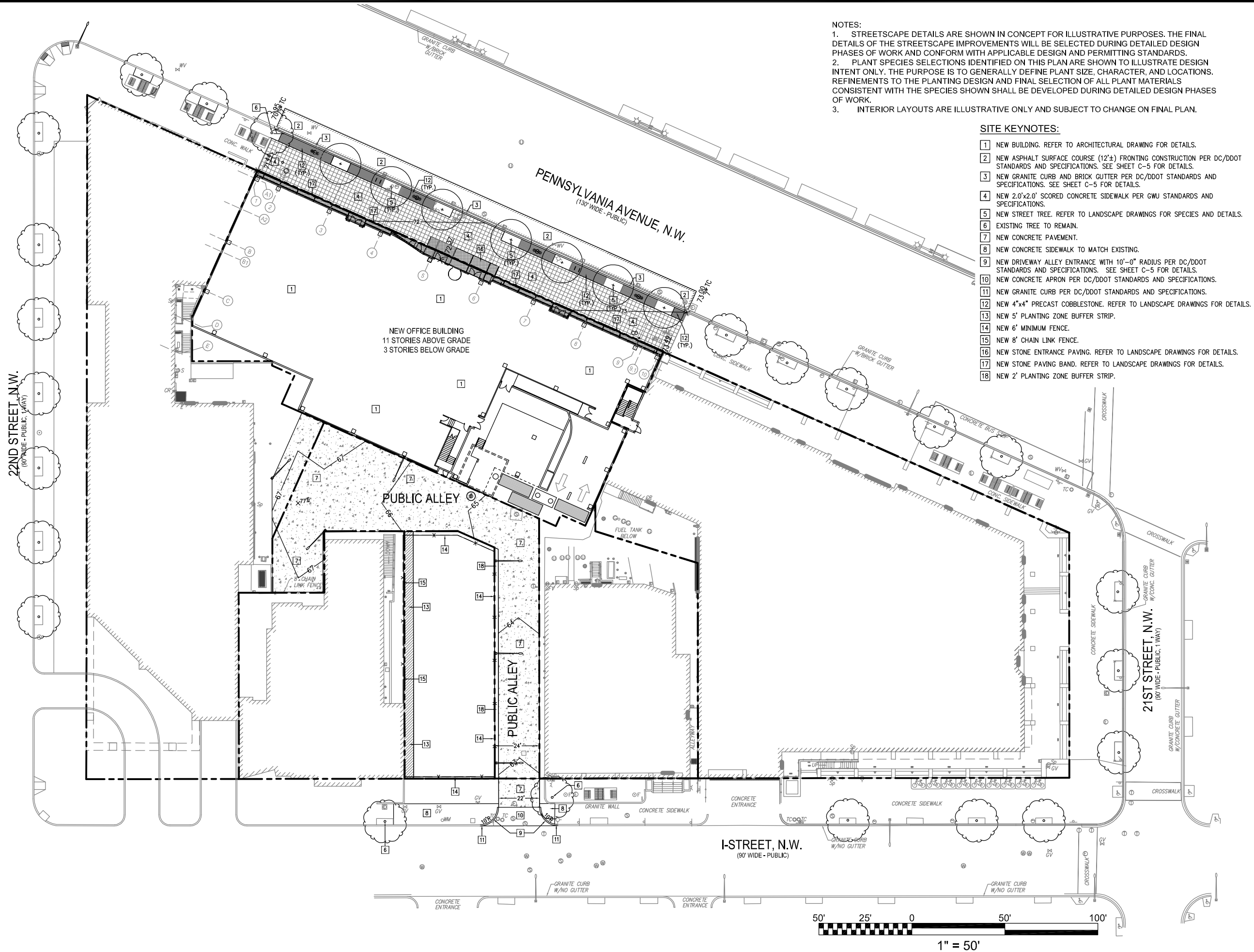
09.7075.000

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SITE PLAN

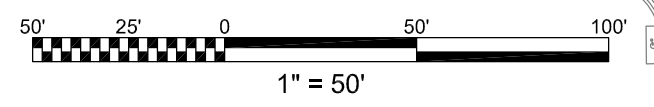
Scale

C-3
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NOTES:
 1. STREETScape DETAILS ARE SHOWN IN CONCEPT FOR ILLUSTRATIVE PURPOSES. THE FINAL DETAILS OF THE STREETScape IMPROVEMENTS WILL BE SELECTED DURING DETAILED DESIGN PHASES OF WORK AND CONFORM WITH APPLICABLE DESIGN AND PERMITTING STANDARDS.
 2. PLANT SPECIES SELECTIONS IDENTIFIED ON THIS PLAN ARE SHOWN TO ILLUSTRATE DESIGN INTENT ONLY. THE PURPOSE IS TO GENERALLY DEFINE PLANT SIZE, CHARACTER, AND LOCATIONS. REFINEMENTS TO THE PLANTING DESIGN AND FINAL SELECTION OF ALL PLANT MATERIALS CONSIST WITH THE SPECIES SHOWN SHALL BE DEVELOPED DURING DETAILED DESIGN PHASES OF WORK.
 3. INTERIOR LAYOUTS ARE ILLUSTRATIVE ONLY AND SUBJECT TO CHANGE ON FINAL PLAN.

- SITE KEYNOTES:**
- 1 NEW BUILDING. REFER TO ARCHITECTURAL DRAWING FOR DETAILS.
 - 2 NEW ASPHALT SURFACE COURSE (12±) FRONTING CONSTRUCTION PER DC/DDOT STANDARDS AND SPECIFICATIONS. SEE SHEET C-5 FOR DETAILS.
 - 3 NEW GRANITE CURB AND BRICK GUTTER PER DC/DDOT STANDARDS AND SPECIFICATIONS. SEE SHEET C-5 FOR DETAILS.
 - 4 NEW 2.0'x2.0' SCORED CONCRETE SIDEWALK PER GWU STANDARDS AND SPECIFICATIONS.
 - 5 NEW STREET TREE. REFER TO LANDSCAPE DRAWINGS FOR SPECIES AND DETAILS.
 - 6 EXISTING TREE TO REMAIN.
 - 7 NEW CONCRETE PAVEMENT.
 - 8 NEW CONCRETE SIDEWALK TO MATCH EXISTING.
 - 9 NEW DRIVEWAY ALLEY ENTRANCE WITH 10'-0" RADIUS PER DC/DDOT STANDARDS AND SPECIFICATIONS. SEE SHEET C-5 FOR DETAILS.
 - 10 NEW CONCRETE APRON PER DC/DDOT STANDARDS AND SPECIFICATIONS.
 - 11 NEW GRANITE CURB PER DC/DDOT STANDARDS AND SPECIFICATIONS.
 - 12 NEW 4"x4" PRECAST COBBLESTONE. REFER TO LANDSCAPE DRAWINGS FOR DETAILS.
 - 13 NEW 5' PLANTING ZONE BUFFER STRIP.
 - 14 NEW 6' MINIMUM FENCE.
 - 15 NEW 8' CHAIN LINK FENCE.
 - 16 NEW STONE ENTRANCE PAVING. REFER TO LANDSCAPE DRAWINGS FOR DETAILS.
 - 17 NEW STONE PAVING BAND. REFER TO LANDSCAPE DRAWINGS FOR DETAILS.
 - 18 NEW 2' PLANTING ZONE BUFFER STRIP.



**SITE
75A**

Washington, DC

**THE GEORGE
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WASHINGTON, DC

Gensler

2020 K Street, Northwest
Suite 200
Washington DC 20006
Telephone 202.721.5200
Facsimile 202.872.8587

Seal/Signature

Date

10/26/2012

Project Name

SITE 75A

ZC Case #

06-11G/06-12G

Project Number

09.7075.000

Description

UTILITY PLAN

Scale

C-4

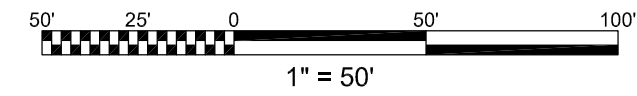
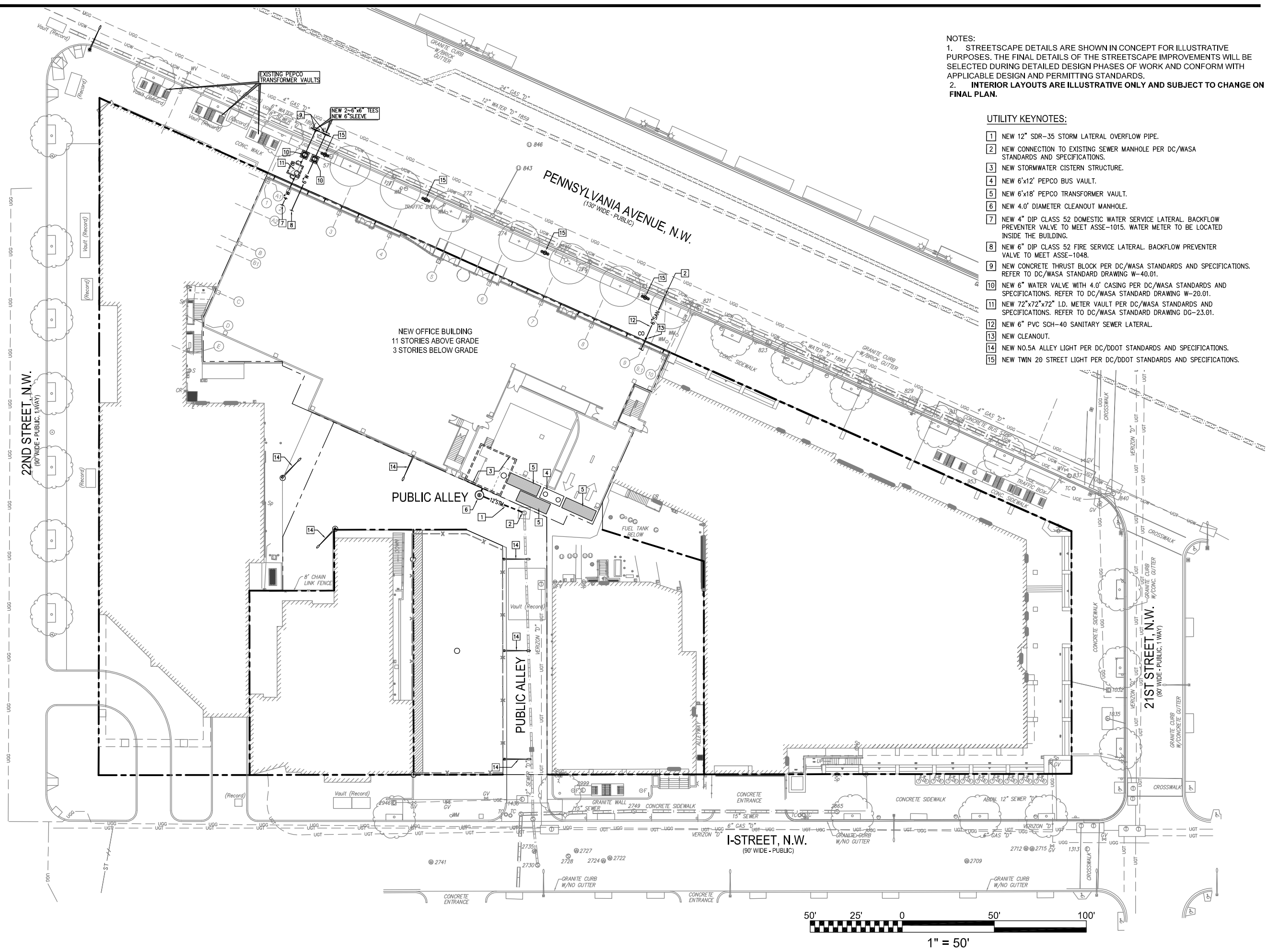
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NOTES:

- STREETSCAPE DETAILS ARE SHOWN IN CONCEPT FOR ILLUSTRATIVE PURPOSES. THE FINAL DETAILS OF THE STREETSCAPE IMPROVEMENTS WILL BE SELECTED DURING DETAILED DESIGN PHASES OF WORK AND CONFORM WITH APPLICABLE DESIGN AND PERMITTING STANDARDS.
- INTERIOR LAYOUTS ARE ILLUSTRATIVE ONLY AND SUBJECT TO CHANGE ON FINAL PLAN.

UTILITY KEYNOTES:

- NEW 12" SDR-35 STORM LATERAL OVERFLOW PIPE.
- NEW CONNECTION TO EXISTING SEWER MANHOLE PER DC/WASA STANDARDS AND SPECIFICATIONS.
- NEW STORMWATER CISTERN STRUCTURE.
- NEW 6'x12' PEPCO BUS VAULT.
- NEW 6'x18' PEPCO TRANSFORMER VAULT.
- NEW 4.0' DIAMETER CLEANOUT MANHOLE.
- NEW 4" DIP CLASS 52 DOMESTIC WATER SERVICE LATERAL BACKFLOW PREVENTER VALVE TO MEET ASSE-1015. WATER METER TO BE LOCATED INSIDE THE BUILDING.
- NEW 6" DIP CLASS 52 FIRE SERVICE LATERAL BACKFLOW PREVENTER VALVE TO MEET ASSE-1048.
- NEW CONCRETE THRUST BLOCK PER DC/WASA STANDARDS AND SPECIFICATIONS. REFER TO DC/WASA STANDARD DRAWING W-40.01.
- NEW 6" WATER VALVE WITH 4.0' CASING PER DC/WASA STANDARDS AND SPECIFICATIONS. REFER TO DC/WASA STANDARD DRAWING W-20.01.
- NEW 72"x72"x72" I.D. METER VAULT PER DC/WASA STANDARDS AND SPECIFICATIONS. REFER TO DC/WASA STANDARD DRAWING DG-23.01.
- NEW 6" PVC SCH-40 SANITARY SEWER LATERAL.
- NEW CLEANOUT.
- NEW NO.5A ALLEY LIGHT PER DC/DDOT STANDARDS AND SPECIFICATIONS.
- NEW TWIN 20 STREET LIGHT PER DC/DDOT STANDARDS AND SPECIFICATIONS.



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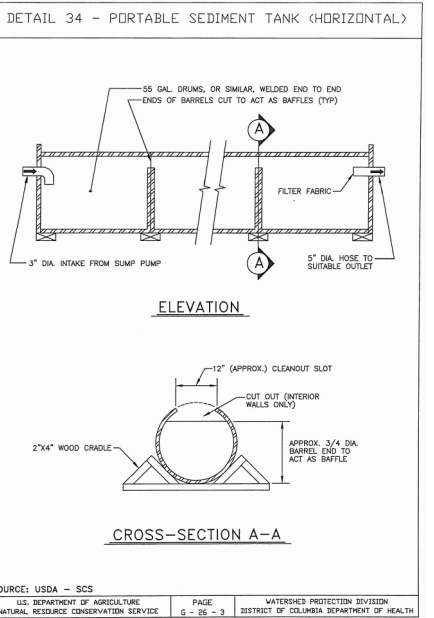
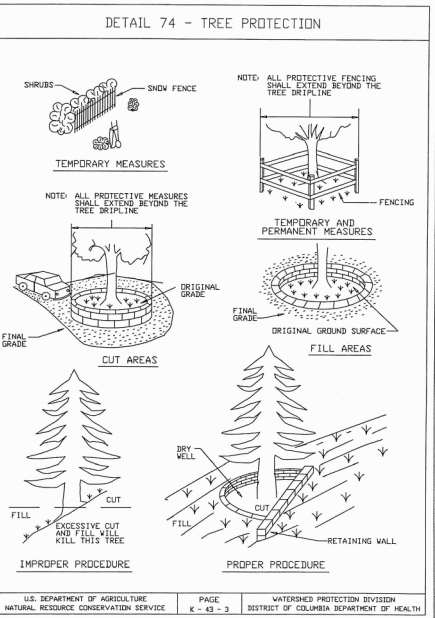
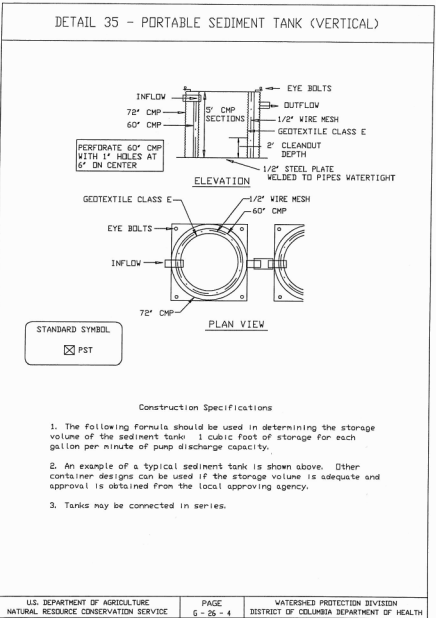
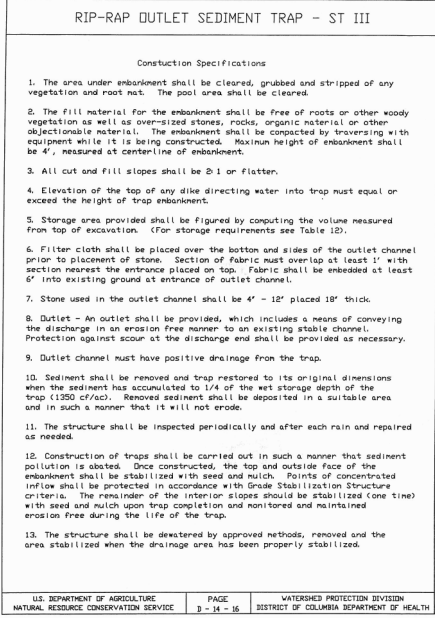
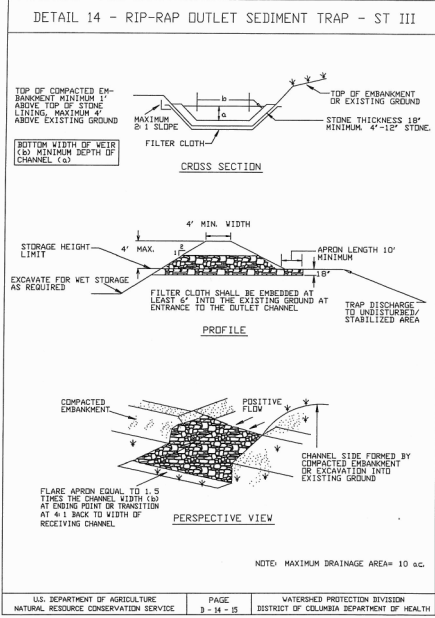
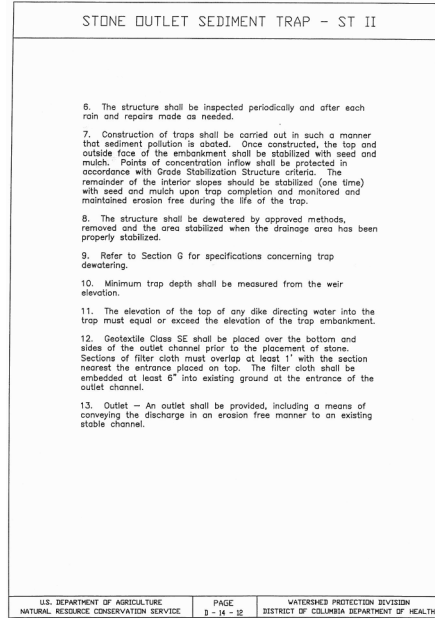
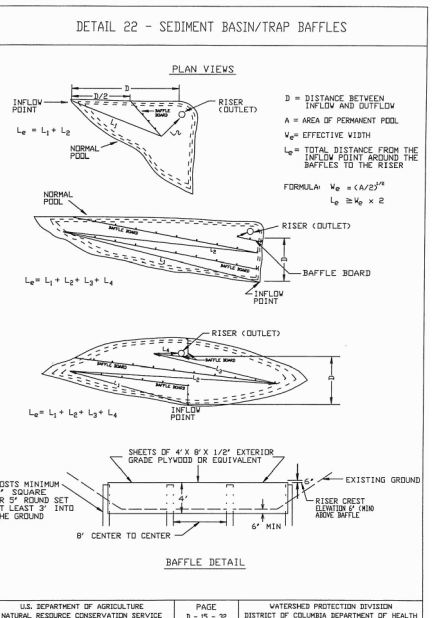
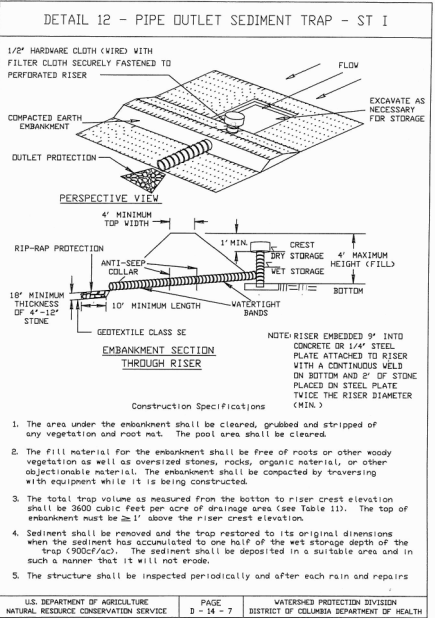
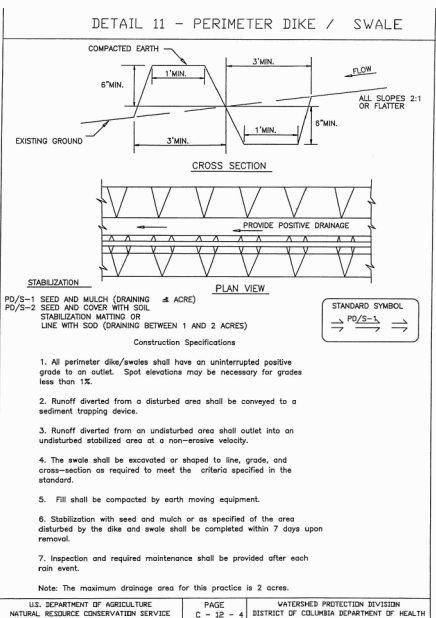
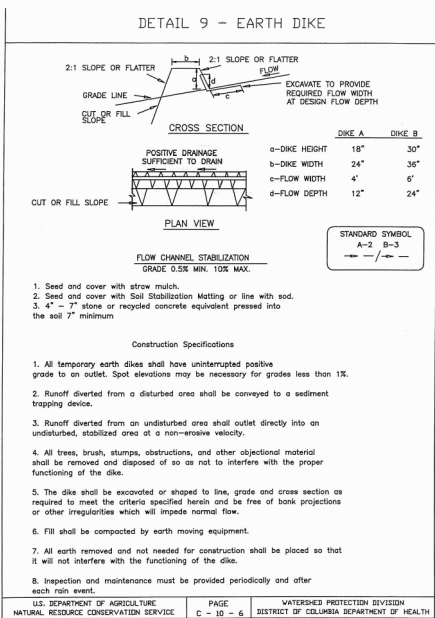
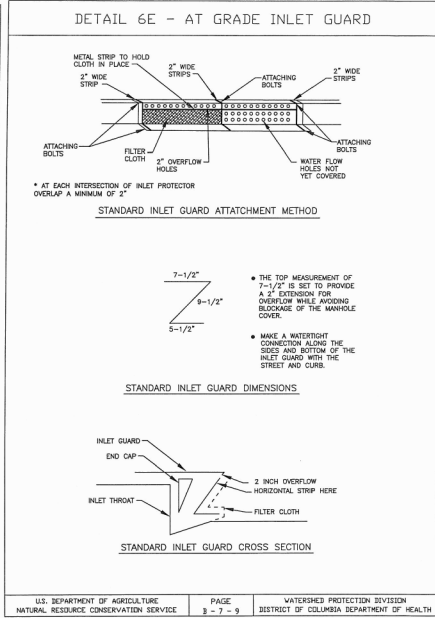
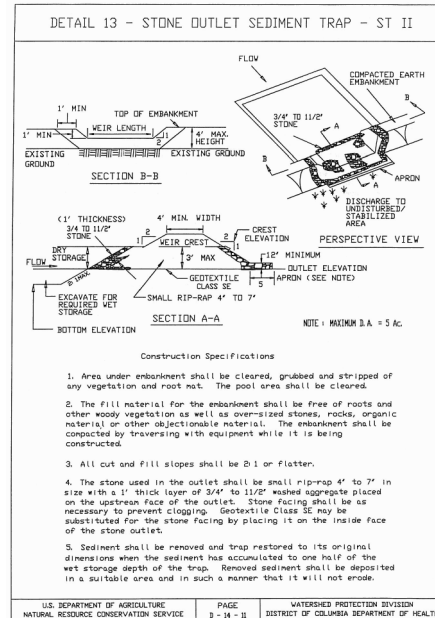
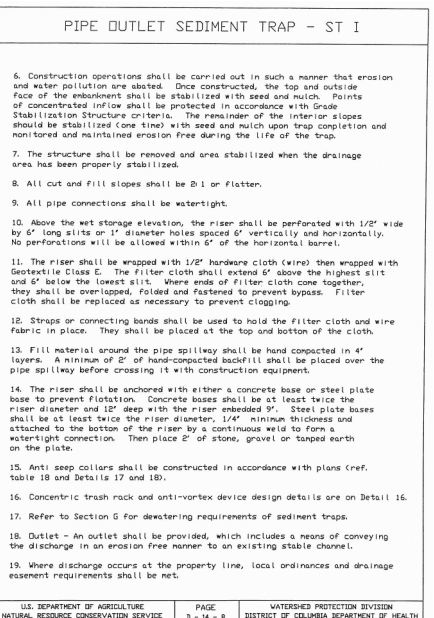
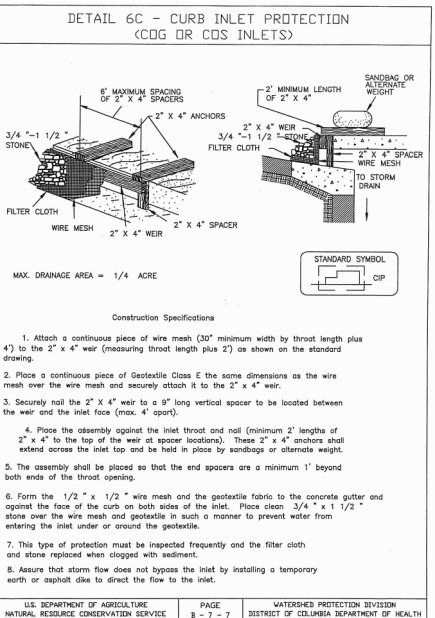
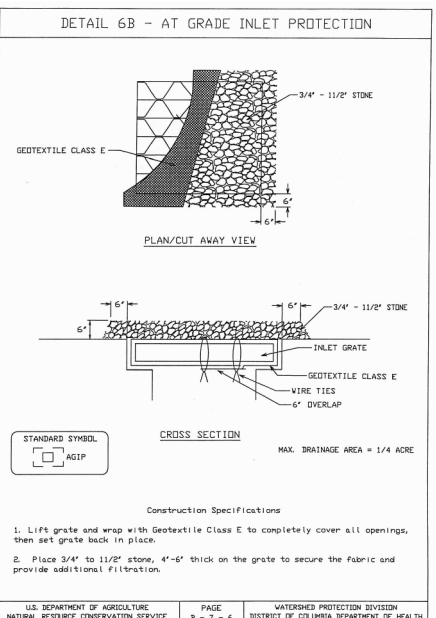
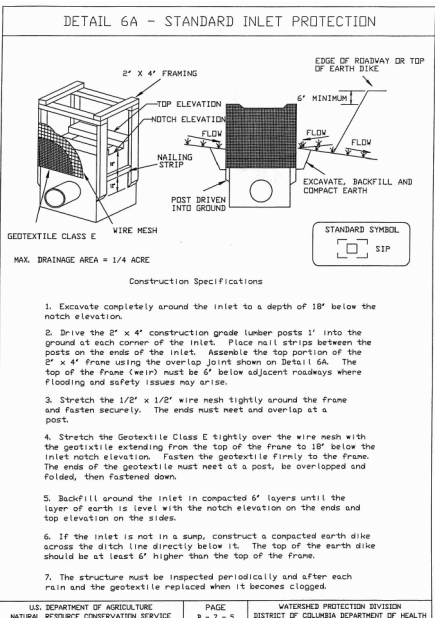
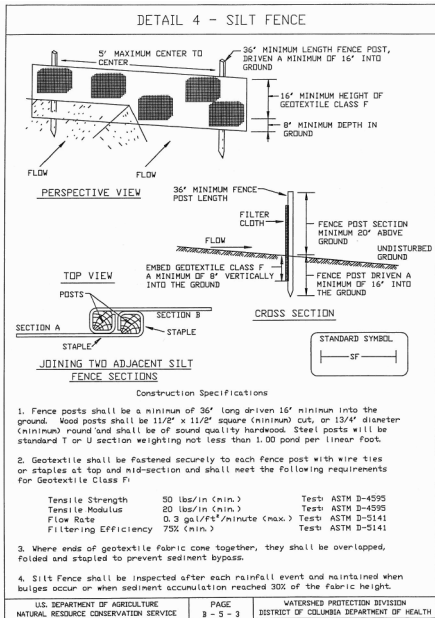
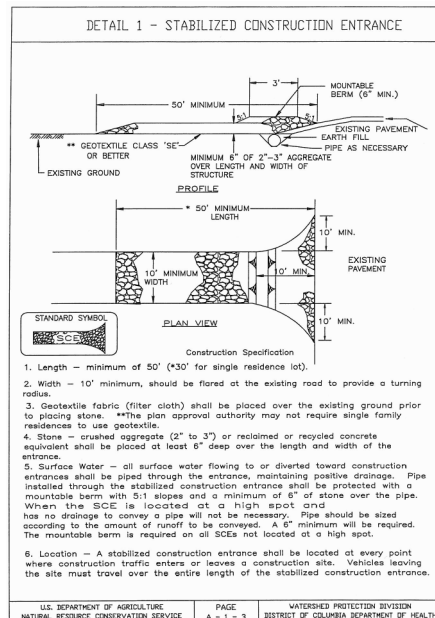
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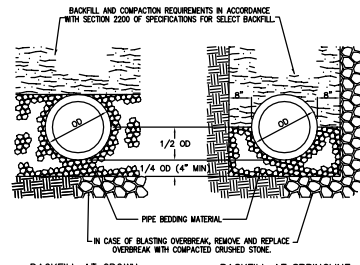
SEDIMENTATION AND EROSION CONTROL DETAILS

Scale

C-5

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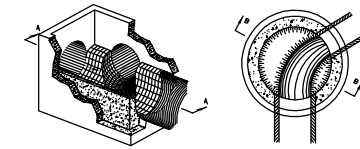
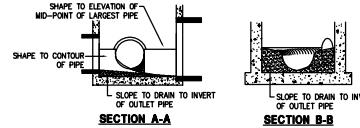


BACKFILL AT CROWN
 (PIPE BEDDING FOR TRENCH WIDTH EXCEEDING WIDTH SPECIFIED)

BACKFILL AT SPRINGLINE
 (PIPE BEDDING FOR TRENCH WIDTH EXCEEDING WIDTH SPECIFIED)

TRENCHING METHODS MUST BE IN COMPLIANCE WITH OSHA REQUIREMENTS. THE PIPE SHALL BE BEDDED IN CAREFULLY COMPACTED PIPE BEDDING MATERIAL PLACED ON A FLAT TRENCH BOTTOM. THE PIPE BEDDING MATERIAL SHALL HAVE A MINIMUM HORIZONTAL THICKNESS OF ONE-FOURTH THE OUTSIDE PIPE DIAMETER (OF MINIMUM) AND SHALL EXTEND VERTICALLY IN ACCORDANCE WITH SECTION 2200. IF THE MAXIMUM WIDTH OF THE TRENCH AT THE TOP OF THE PIPE EXCEEDS THOSE SPECIFIED, PIPE BEDDING MATERIAL WILL BE BROUGHT TO THE TOP OF THE PIPE FOR THE FULL WIDTH OF THE TRENCH. THE REMAINDER OF THE SIDE FILLS AND OVER THE TOP OF THE PIPE SHALL BE FILLED WITH SELECT BACKFILL MATERIAL. SHOULD THE CONTRACTOR ELECT TO USE LARGER STONE TO CARRY THE WATER, THE LARGER STONE IS TO BE PLACED BENEATH THE SPECIFIED AMOUNT OF PIPE BEDDING MATERIAL. THE LARGER STONE IS NOT IN ANY WAY TO AFFECT THE AMOUNT OF PIPE BEDDING TO BE USED.

TYPICAL TRENCH SECTIONS
 (NOT TO SCALE)



TRANSITION BETWEEN PIPE DIAMETERS
 WHEN DIFFERENT SIZES OF PIPE ARE ENCOUNTERED.

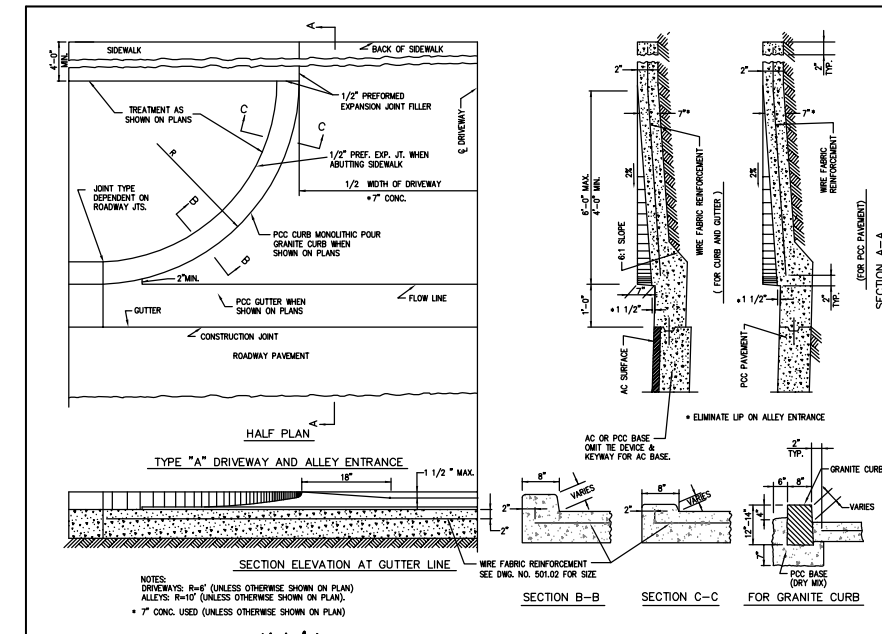
NOTES:

SHAPING OF MANHOLES AND INLET INVERTS IN ACCORDANCE WITH THIS DRAWING IS TO APPLY TO THOSE STRUCTURES SPECIFIED ON PLANS OR WHERE INVERT OF STRUCTURE.

MANHOLE OR DROP INLET IS TO BE FORMED AND CONSTRUCTED IN ACCORDANCE WITH APPLICABLE STANDARDS OR SPECIAL DRAWING. THE INVERT SHAPING AS DETAIL HEREIN IS TO CONSIST OF A PORTLAND CEMENT CONCRETE MIX CONFORMING TO CLASS A3 OR CLASS C3, EXCEPT THAT SIZE OF COARSE AGGREGATE MAY BE UP TO 4" DIAMETER AND CONSIST OF STONE, BROKEN BRICK, BROKEN CONCRETE, OR BROKEN CONCRETE BLOCK. THE SURFACE SHALL BE LEFT SMOOTH BY MEANS OF HAND TROWELING. NONE OF THE CONCRETE AGGREGATE SHALL REMAIN EXPOSED.

DETAILS OF INVERT SHAPING AS SHOWN HEREIN ARE FOR EXAMPLE PURPOSES ONLY. EACH MANHOLE OR DROP INLET IS TO BE SHAPED INDIVIDUALLY TO BEST FIT THE PARTICULAR INLET AND OUTLET CONFIGURATION AND FLOW LINES.

MANHOLE SHAPING METHOD
 (NOT TO SCALE)



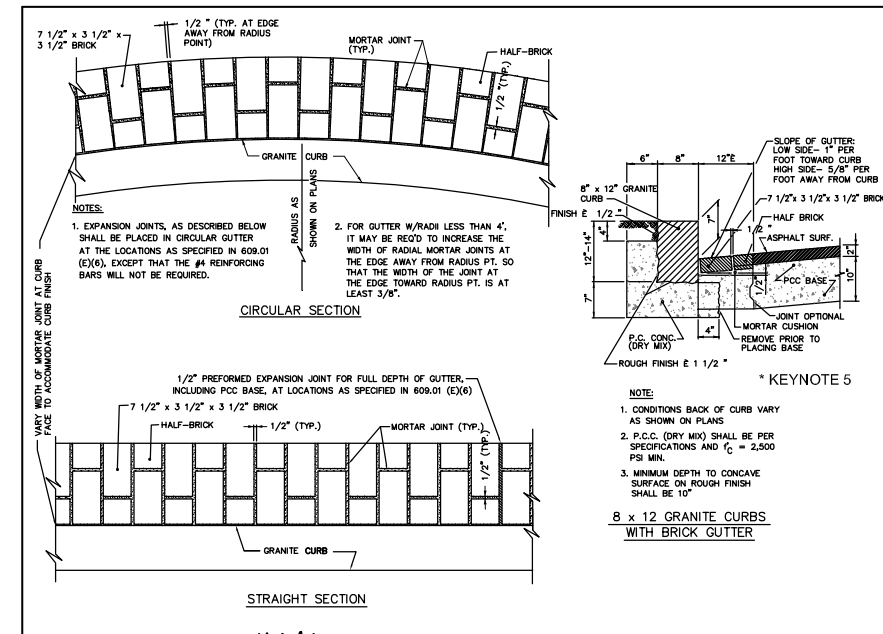
ALLEY-DRIVEWAY ENTRANCE WITH CURB RETURNS TYPE "A"

DISTRICT OF COLUMBIA
 DEPARTMENT OF PUBLIC WORKS

APPROVED: GARY A. BURKH, P.E. CHIEF TRANSPORTATION ENGINEER, DECA, DPH
 REVIEWED: ALL AGAH, PROJECT MANAGER, DESIGN AND ENGINEERING DIVISION
 RECOMMENDED: HARBAHAZAN S. SANDHU, P.E., CHIEF, DESIGN AND ENGINEERING DIVISION

DATE: DECEMBER 10, 1999

DWG. NO. 504.01



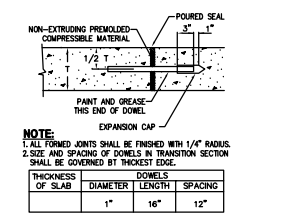
PATTERNS FOR BRICK GUTTER

DISTRICT OF COLUMBIA
 DEPARTMENT OF PUBLIC WORKS

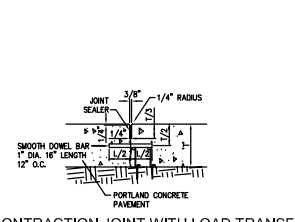
APPROVED: GARY A. BURKH, P.E. CHIEF TRANSPORTATION ENGINEER, DECA, DPH
 REVIEWED: ALL AGAH, PROJECT MANAGER, DESIGN AND ENGINEERING DIVISION
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DATE: DECEMBER 10, 1999

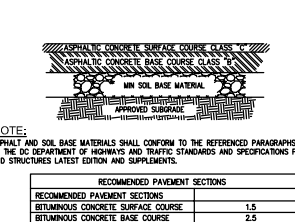
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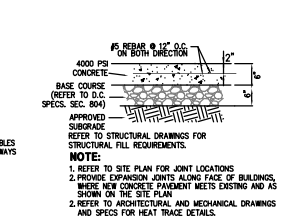
DOWELED TRANSVERSE EXPANSION JOINT FOR CONCRETE DRIVEWAY APRON
 (NOT TO SCALE)



CONTRACTION JOINT WITH LOAD TRANSFER FOR CONCRETE DRIVEWAY APRON
 (NOT TO SCALE)



TYPICAL CONCRETE PAVEMENT DETAIL FOR DRIVEWAY ENTRANCE
 (NOT TO SCALE)

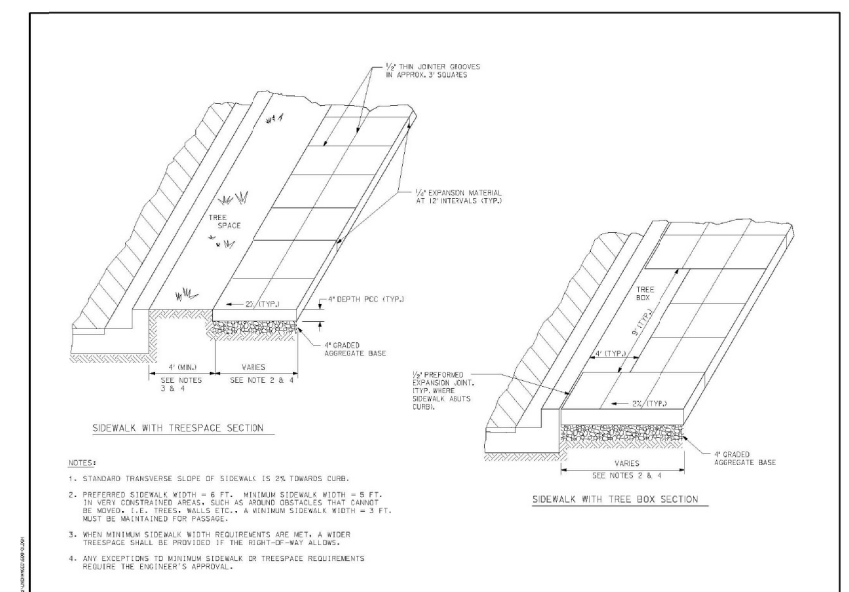


NO. 5-A ALLEY POST

SPECIFICATION FOR 5A ALLEY POLE:

WORK CONSISTS OF FURNISHING AND INSTALLING ALLEY LIGHT POLES AND LIGHT POLES P.O.C. FOUNDATION COMPLETE IN PLACE AT LOCATIONS SHOWN IN THE PLANS OR AS DIRECTED BY THE ENGINEER. LIGHT POLES SHALL BE DC TYPES 5A WITH TAGS FOR DC ID NUMBERS.

- DC ID TAGS SHALL BE OR EQUAL TO 2" DIAMETER INJECTION MOLDED TWO COLOR POLYETHYLENE TAGS MANUFACTURED BY TECH PRODUCT, INC. THE TAGS SHALL HAVE BLACK CHARACTERS AND YELLOW BACKGROUND. THE TAGS SHALL BE PROVIDED WITH ALUMINUM TAG HOLDERS MANUFACTURED BY THE TAG MANUFACTURER AND SHALL BE ARRANGED VERTICALLY IN THE TAG HOLDERS. THE MOUNTING HIGH OF TAG HOLDERS SHALL BE 12 FT FROM THE FINISHED GRADE. TO FIND DC ID NUMBERS REFER TO CONTRACT DRAWINGS.
 - THE POLE SHALL BE 6.8 INCHES x 2.4 INCHES x 30 FT, TAPERED WITH A 3-FT ARM. THE POST SHALL INCLUDE A WELDED SMOLEXY TO ACCOMMODATE ONE 3-FT SINGLE NUMBER ARM. THE SHAWT SHALL BE FABRICATED FROM 11-GAUGE STEEL MEETING ASTM A501 OR A WT A YIELD POINT NO LESS THAN 50,000 PSI.
- THE POST AND ARM SHALL BE CLEANED OF ALL ROLLED-IN MUD, IMPURITIES AND NON-METALLIC FOREIGN MATERIALS. THE WELDS WILL BE CLEANED OF ALL WELD FLUX. THE POST AND ARM ARE TO BE DECREASED BY IMMERSION IN A HEATED CAUSTIC SOLUTION, THEN PICKLED IN A HEATED SULFURIC ACID SOLUTION. THE BASE WILL THEN BE FINISHED IN A FRESH WATER BATH TO REMOVE ANY RESIDUAL EFFECTS OF THE CAUSTIC OR ACID BATHS. THE POST AND ARM WILL THEN BE IMMERSED IN A CONCENTRATED ZINC AMMONIUM CHLORIDE SOLUTION AND ALLOWED TO AIR DRY BEFORE BEING GALVANIZED.
- THE POST AND ARM SHALL BE HOT-DIP GALVANIZED PER THE REQUIREMENTS OF ASTM A123. THE POST AND ARM GALVANIZED COATING SHALL BE FREE OF ANY DEFECTS OR FLAWS AND ALL GALVANIZED EXTERIOR SURFACES USUALLY EXPOSED ARE TO BE 5-FREES CONNECTION OVER.
- THE COATING IS ELECTROSTATICALLY APPLIED AND CURED BY ELEVATING THE ZINC-COATED SUBSTRATE TEMPERATURE TO A MINIMUM OF 177 DEGREES C IN A GAS-FIRED CONVECTION OVEN. COATING COLOR SHALL BE D.C. GRAY. THE POLE WILL EITHER BE WRAPPED IN A 0.2 INCH ILL. INHIBITED PLASTIC-BACKED PACKING FOAM OR CRADLED IN A 1 INCH RUBBERIZED FOAM BASE. THE ARMS WILL BE WRAPPED IN A 0.2 INCH ILL. INHIBITED PLASTIC-BACKED PACKING FOAM. THE POLE SHALL BE INSTALLED AS SHOWN IN CONTRACT DRAWINGS.



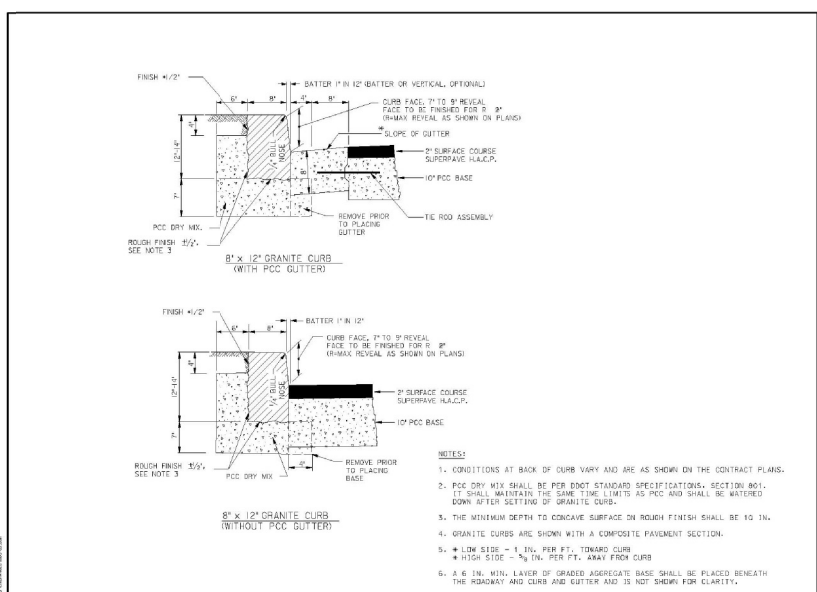
TYPICAL SIDEWALK SECTIONS

DISTRICT OF COLUMBIA
 DEPARTMENT OF TRANSPORTATION

APPROVED: GARY A. BURKH, P.E. CHIEF TRANSPORTATION ENGINEER
 REVIEWED: ALL AGAH, PROJECT MANAGER, DESIGN AND ENGINEERING DIVISION
 RECOMMENDED: HARBAHAZAN S. SANDHU, P.E., CHIEF, DESIGN AND ENGINEERING DIVISION

DATE: DECEMBER 10, 1999

DWG. NO. 608.01



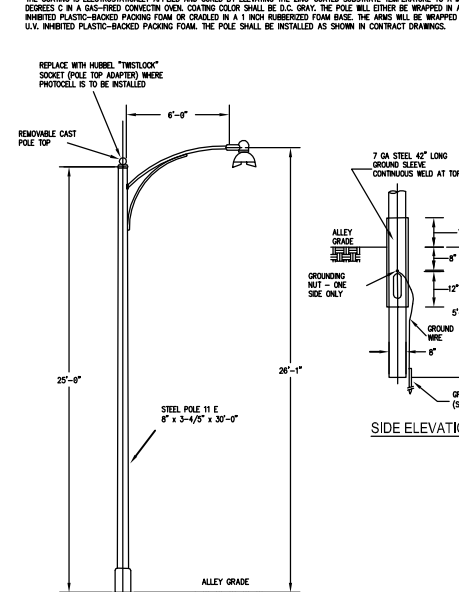
TYPES OF GRANITE CURBS

DISTRICT OF COLUMBIA
 DEPARTMENT OF TRANSPORTATION

APPROVED: GARY A. BURKH, P.E. CHIEF TRANSPORTATION ENGINEER
 REVIEWED: ALL AGAH, PROJECT MANAGER, DESIGN AND ENGINEERING DIVISION
 RECOMMENDED: HARBAHAZAN S. SANDHU, P.E., CHIEF, DESIGN AND ENGINEERING DIVISION

DATE: DECEMBER 10, 1999

DWG. NO. 609.02



NO. 5-A ALLEY POST

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Date

10/26/2012

Project Name

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ZC Case

06-11G/06-12G

Project Number

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Description

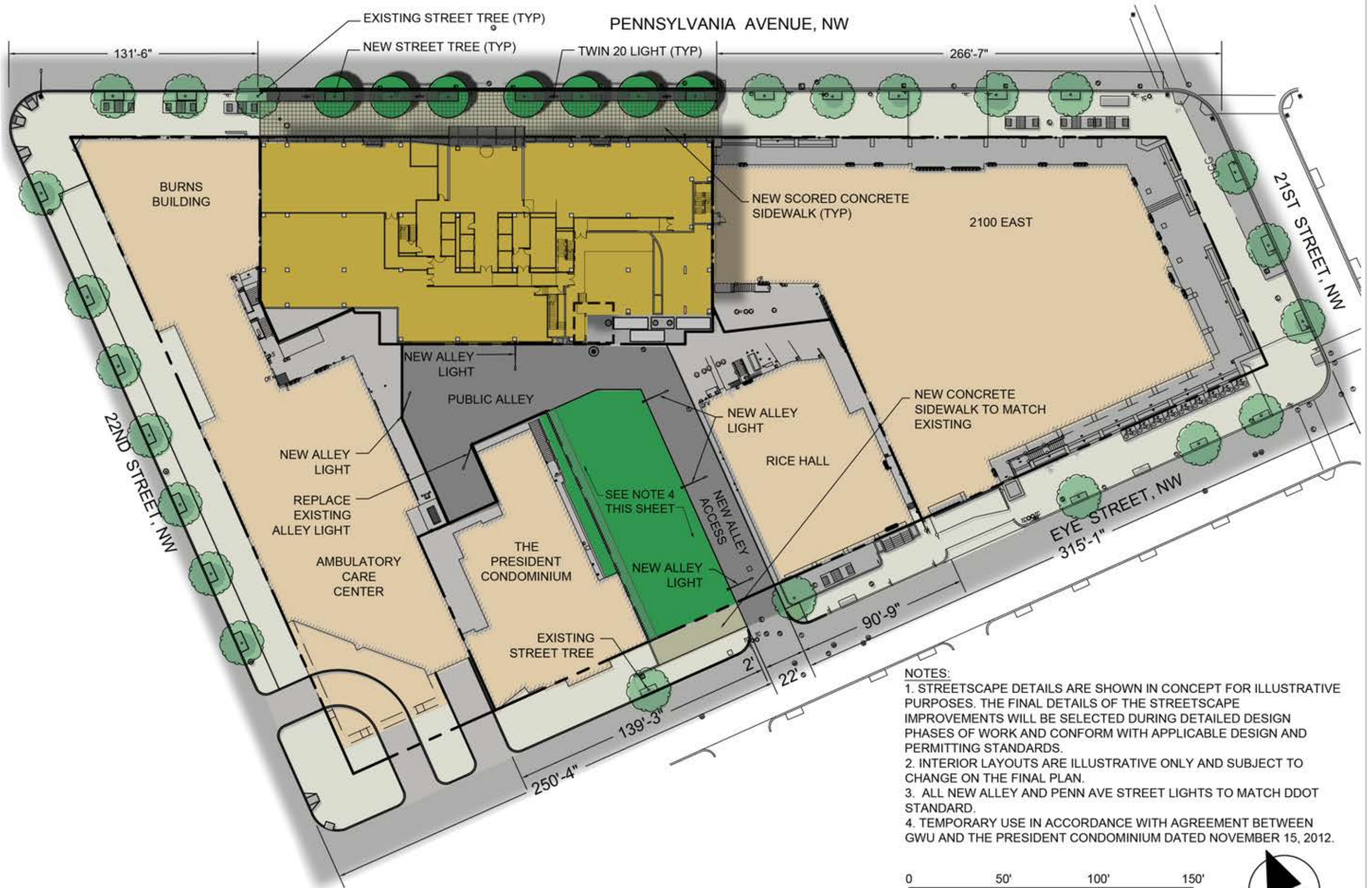
SITE PLAN

Scale

1"=50'

L-01

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- NOTES:
1. STREETScape DETAILS ARE SHOWN IN CONCEPT FOR ILLUSTRATIVE PURPOSES. THE FINAL DETAILS OF THE STREETScape IMPROVEMENTS WILL BE SELECTED DURING DETAILED DESIGN PHASES OF WORK AND CONFORM WITH APPLICABLE DESIGN AND PERMITTING STANDARDS.
 2. INTERIOR LAYOUTS ARE ILLUSTRATIVE ONLY AND SUBJECT TO CHANGE ON THE FINAL PLAN.
 3. ALL NEW ALLEY AND PENN AVE STREET LIGHTS TO MATCH DDOT STANDARD.
 4. TEMPORARY USE IN ACCORDANCE WITH AGREEMENT BETWEEN GWU AND THE PRESIDENT CONDOMINIUM DATED NOVEMBER 15, 2012.

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ZC Case #

06-11G/06-12G

Project Number

09.7075.000

Description

PENN.
AVENUE
SITE PLAN

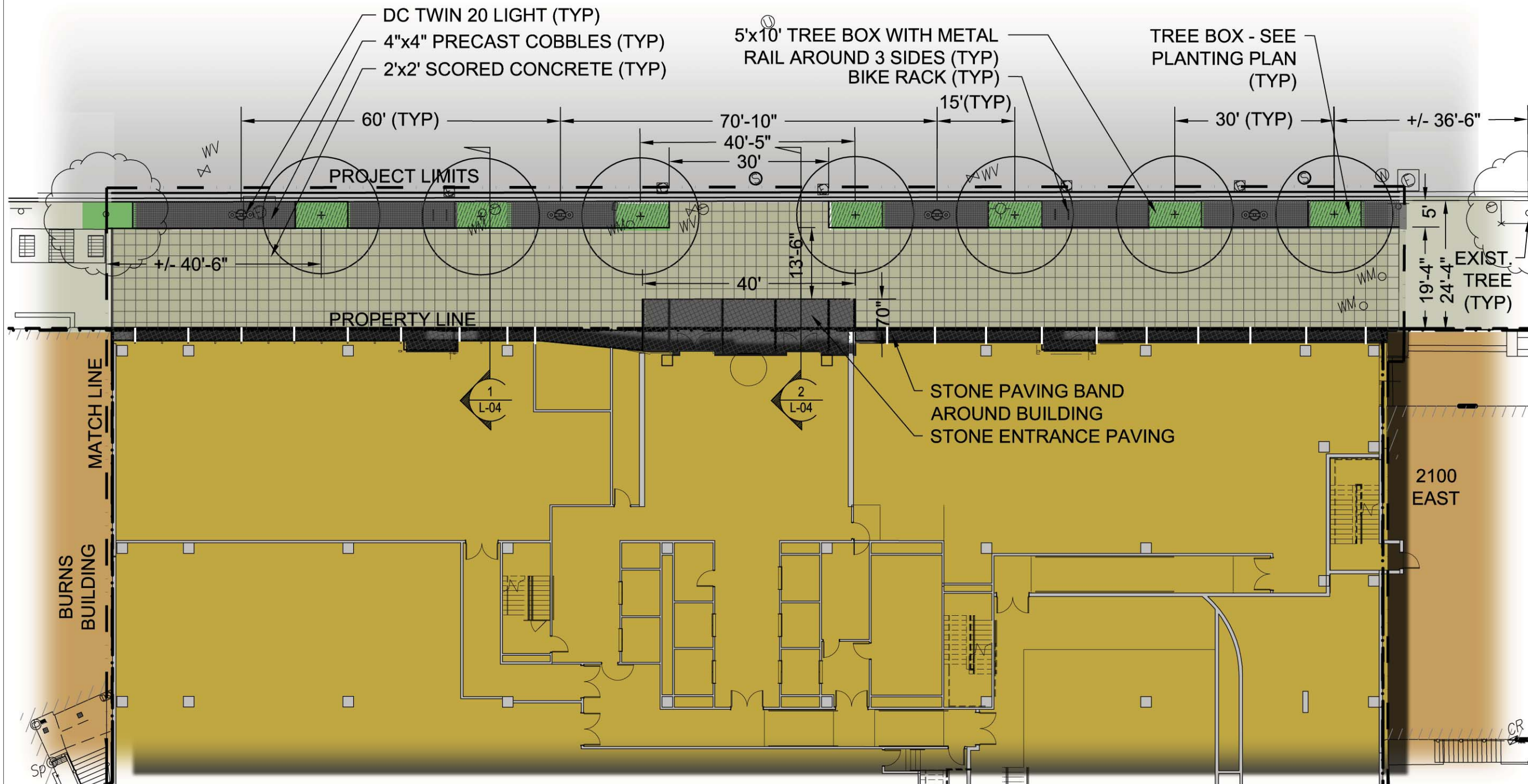
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L-02

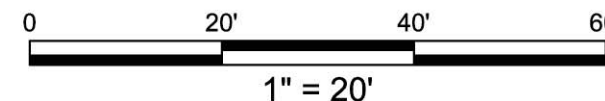
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PENNSYLVANIA AVENUE, NW



NOTES:

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2. INTERIOR LAYOUTS ARE ILLUSTRATIVE ONLY AND SUBJECT TO CHANGE ON FINAL PLAN.
3. STRUCTURAL SOIL OR SIMILAR PRODUCT SHALL BE PLACED BELOW COBBLES AND CONCRETE SIDEWALK TO PROMOTE TREE GROWTH.



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PENN.
AVENUE
SITE PLAN

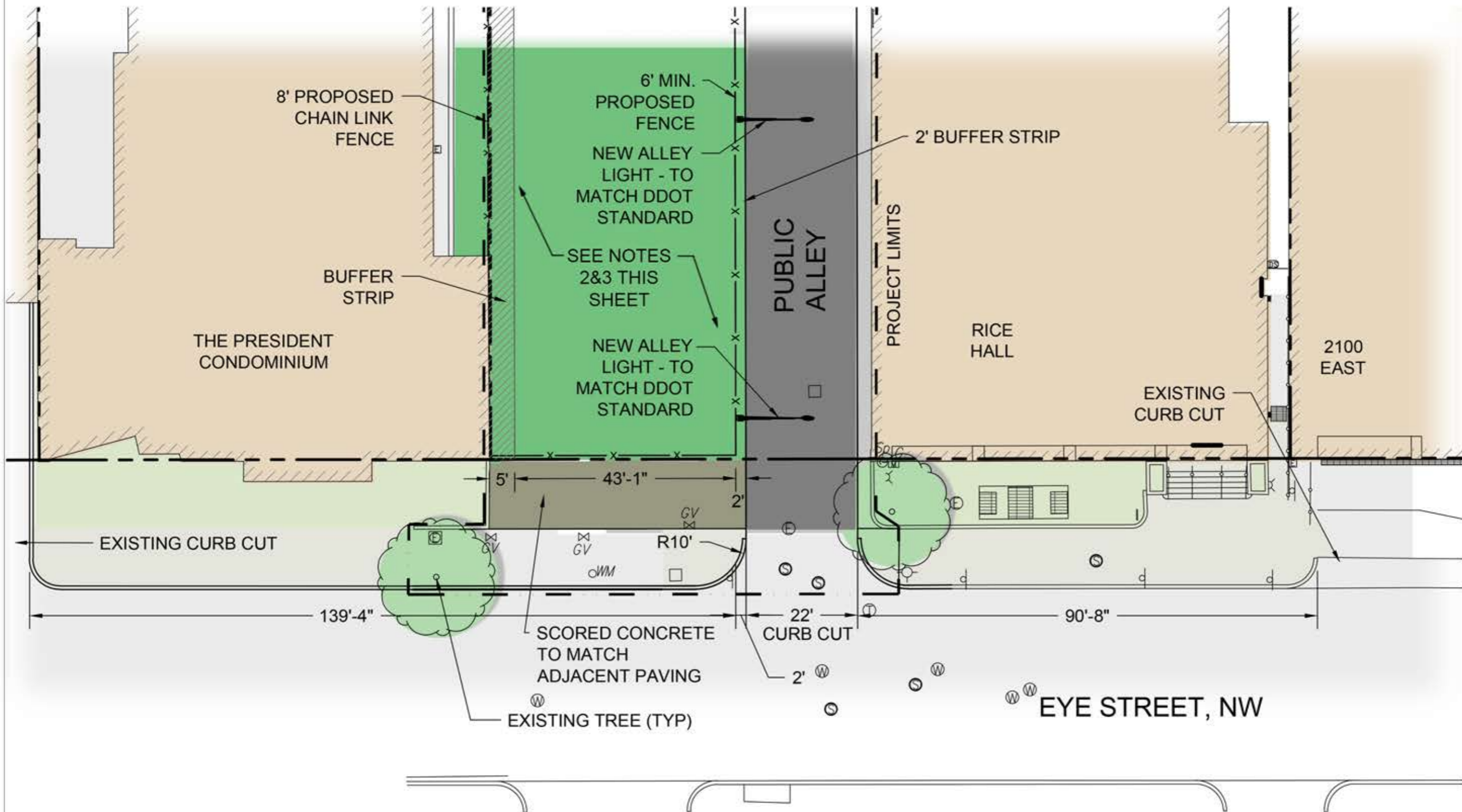
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L-03

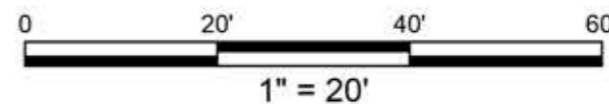
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NOTES:

1. STREETSCAPE DETAILS ARE SHOWN IN CONCEPT FOR ILLUSTRATIVE PURPOSES. THE FINAL DETAILS OF THE STREETSCAPE IMPROVEMENTS WILL BE SELECTED DURING DETAILED DESIGN PHASES OF WORK AND CONFORM WITH APPLICABLE DESIGN AND PERMITTING STANDARDS.
2. TEMPORARY USE IN ACCORDANCE WITH AGREEMENT BETWEEN GWU AND THE PRESIDENT CONDOMINIUM DATED NOVEMBER 15, 2012.
3. LANDSCAPING ELEMENTS ON PRIVATE PROPERTY TO BE INSTALLED PER AGREEMENT BETWEEN GWU AND THE PRESIDENT CONDOMINIUM DATED NOVEMBER 15, 2012.



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Date

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Project Name

SITE 75A

ZC Case #

06-11G/06-12G

Project Number

09.7075.000

Description

EYE STREET
SITE PLAN

Scale

1"=20'

L-04
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