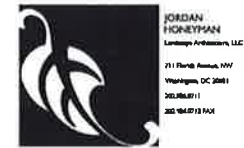


STUART HOBSON MIDDLE SCHOOL ARTS INTEGRATION & NORTH ADDITIONS

410 E Street, NE
Washington, DC 20002

- L-100 Landscape Index Sheet
- L-101 Landscape Site Plan
- L-101A Landscape North Site NEW SHEET
- L-102 Landscape Layout and Grading Plan
- L-103 Paving and Lighting Plan
- L-104 Planting Plan ADDITIONAL PLANTING
- L-105 Planting & North Site Details NEW & REVISED DETAILS
- L-106 Site Furnishings
- L-107 Site Details
- L-108 Site Details
- L-109 Deck Details
- L-110 Deck Details
- L-111 Streetscape Site Plan
- L-112 Streetscape Ex. Conditions and Demolition Plan
- L-113 Streetscape Layout and Planting Plan
- L-114 Streetscape Planting Details
- L-115 Streetscape Details
- L-116 Streetscape Details



Landscape Architect:
Jordan Honeyman
Landscape Architecture, LLC
711 Florida Avenue, NW
Washington, DC 20001
202.986.0711
202.986.0712 FAX



OWNER
STUART-HOBSON MIDDLE SCHOOL
ARTS INTEGRATION & NORTH ADDITIONS
PROJECT ADDRESS: 410 E STREET NE, WASHINGTON D.C. 20002

SEAL

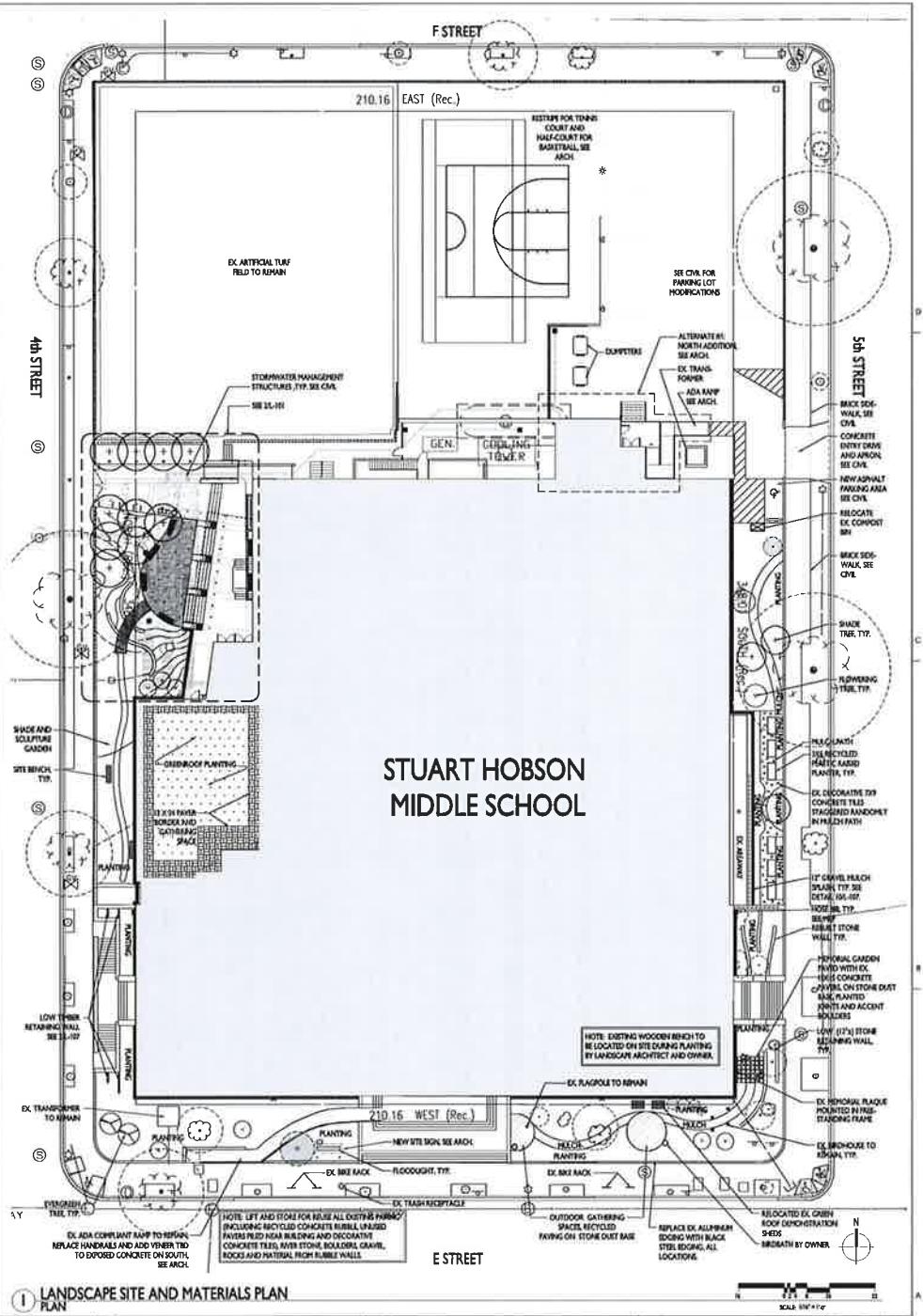
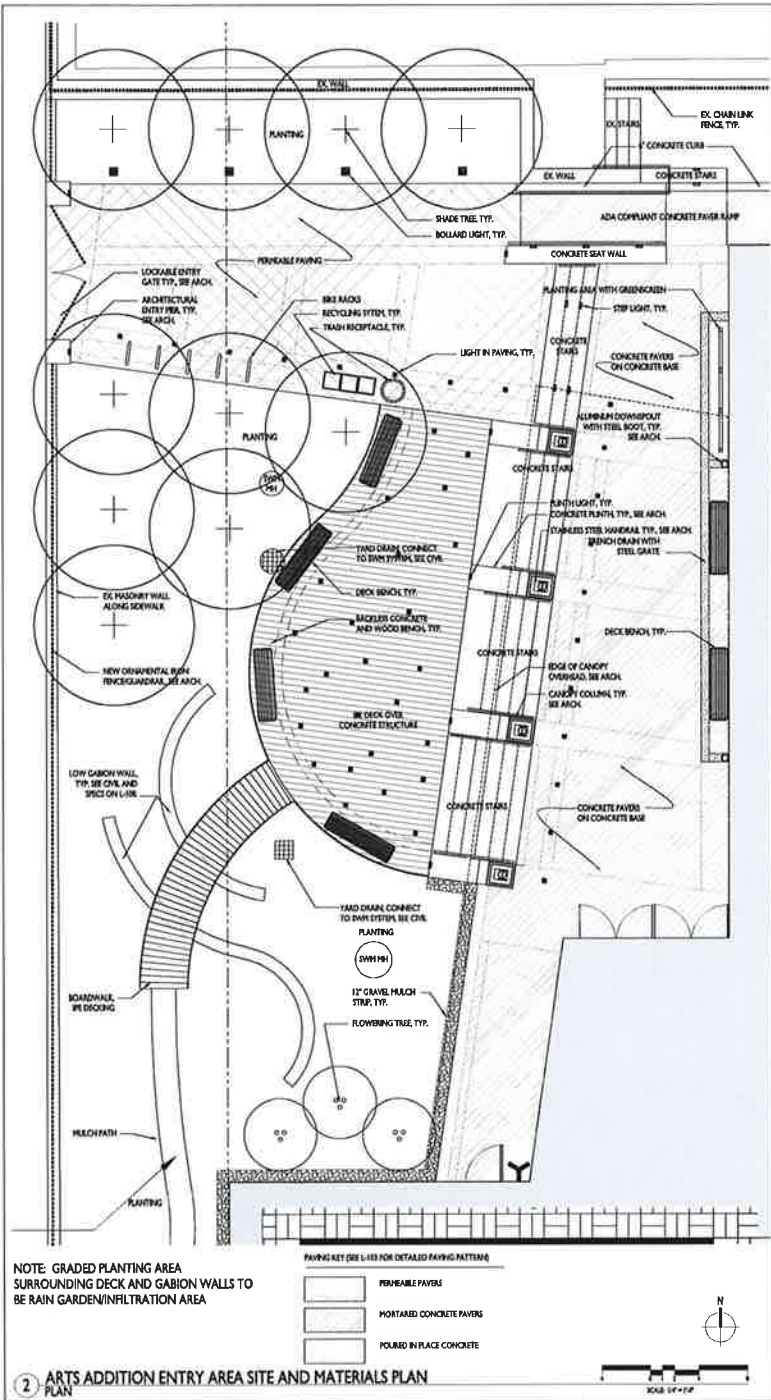
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NO.	DESCRIPTION	DATE
1	DRAWING ISSUE	
2	ISSUED FOR PERMIT SET	09/17/15
3	CONTRACTOR REVIEW FOR PERMIT	09/18/15
4	PERMIT REVISIONS	09/18/15
5	PERMIT REVISIONS	09/21/15
6	PERMIT REVISIONS	09/21/15

PROJECT NUMBER
1111

DRAWING TITLE
LANDSCAPE INDEX SHEET

DRAWING NUMBER
L-100



HG ARCHITECTS
 FEDERAL BUILDING
 200 K STREET, N.W.
 WASHINGTON, D.C. 20004
 (202) 462-1100
 www.hgarchitects.com

JORDAN HOBSON
 1000 17TH STREET, N.W.
 WASHINGTON, D.C. 20036
 (202) 462-1100
 www.jordanhobson.com

DGS
 DISTRICT OF COLUMBIA
 OWNER

STUART-HOBSON MIDDLE SCHOOL ARTS INTEGRATION & NORTH ADDITIONS
 PROJECT: 410 E STREET NE, WASHINGTON D.C. 20002

KEY PLAN

DRAWING EDGE

DATE: 04/15/2014

PROJECT NUMBER

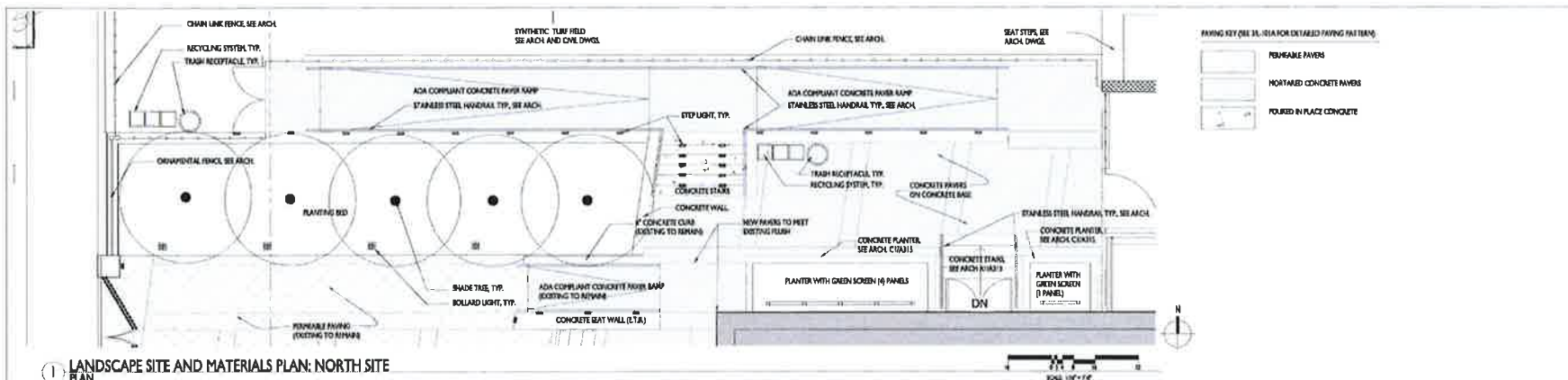
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DRAWING TITLE

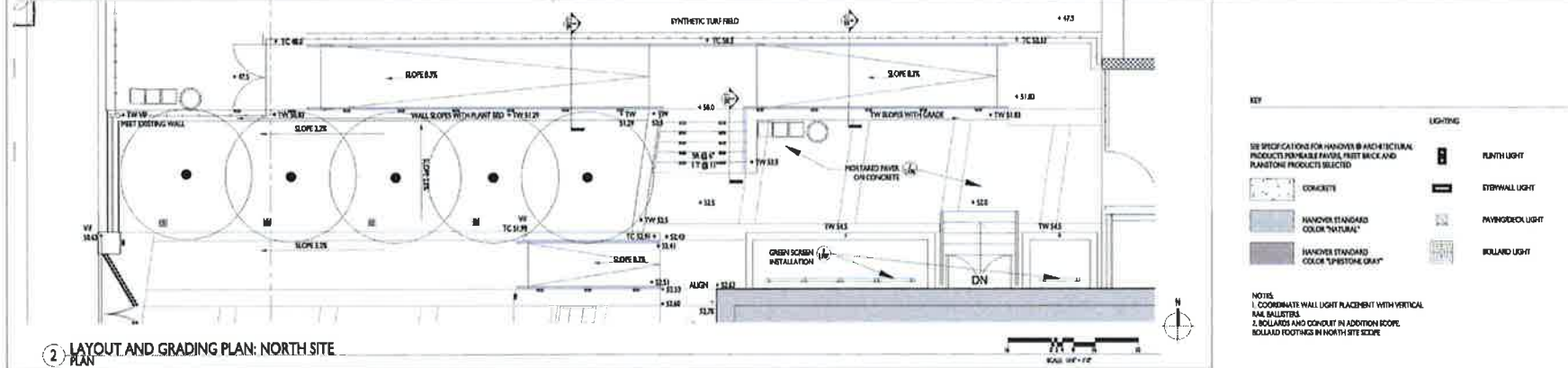
LANDSCAPE SITE PLAN

DRAWING NUMBER

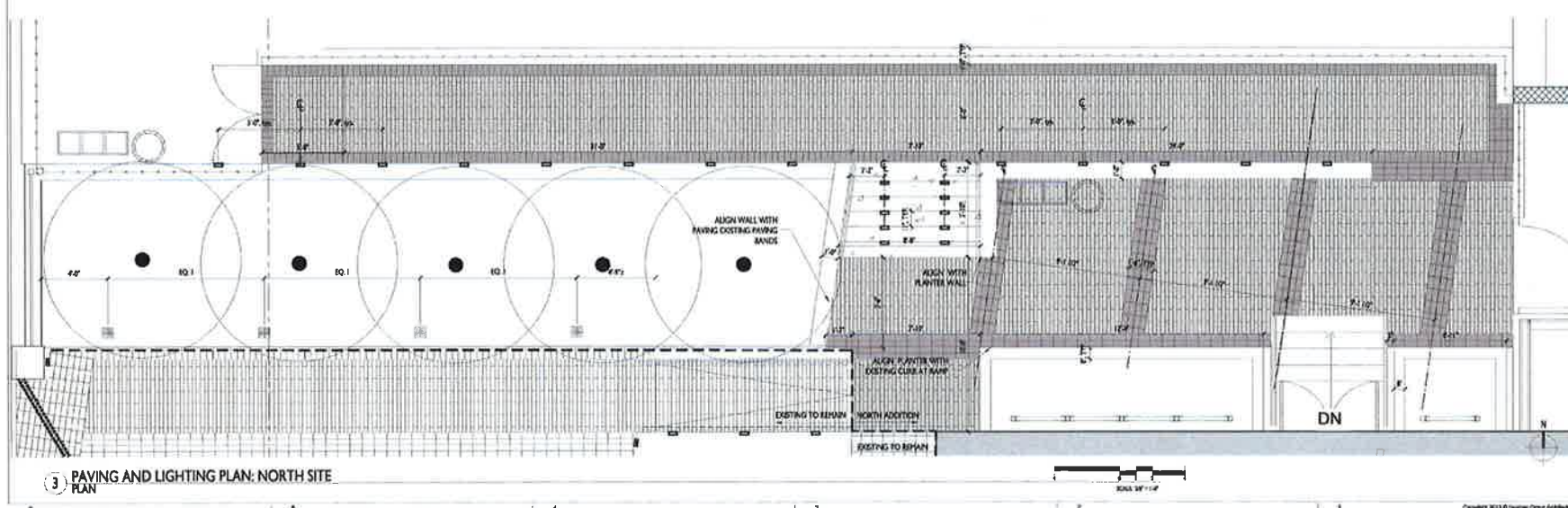
L-101



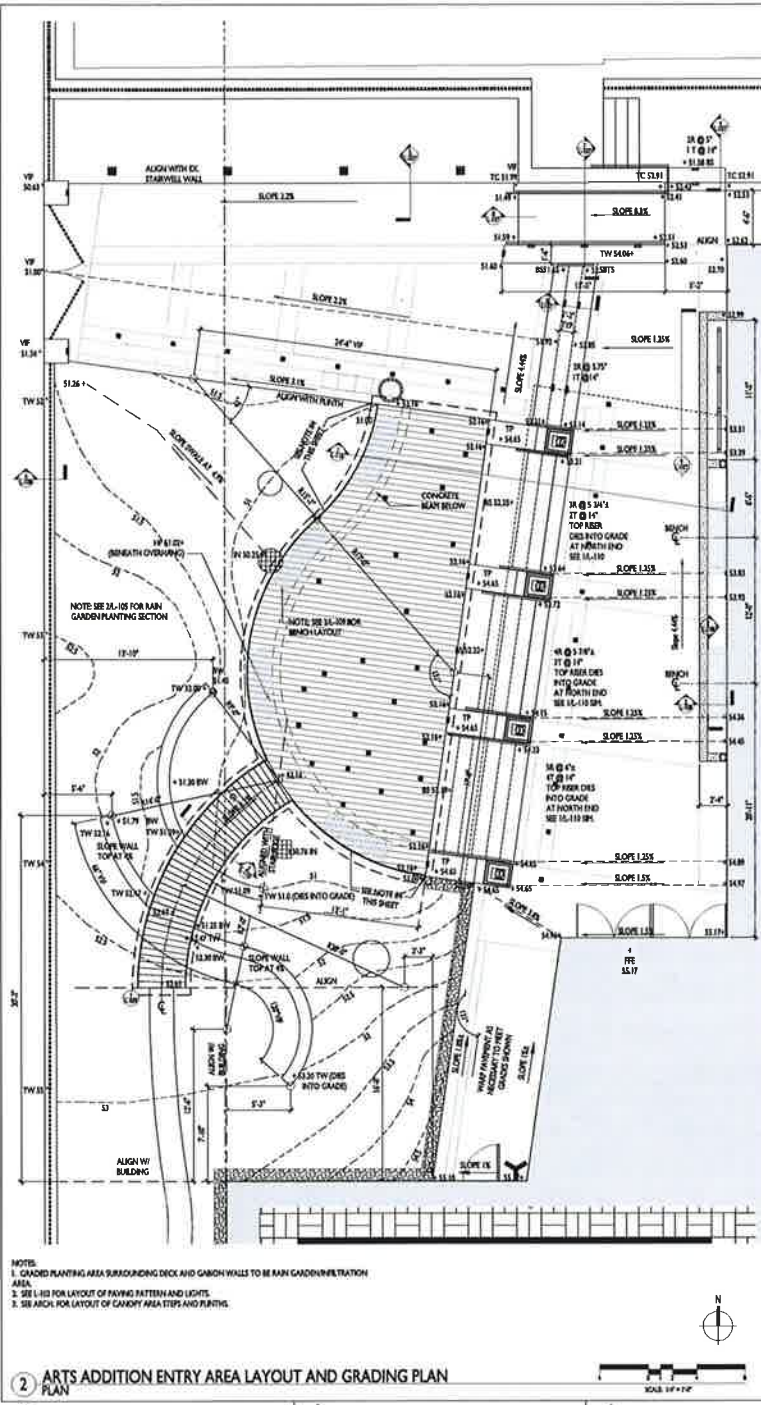
1) LANDSCAPE SITE AND MATERIALS PLAN: NORTH SITE PLAN



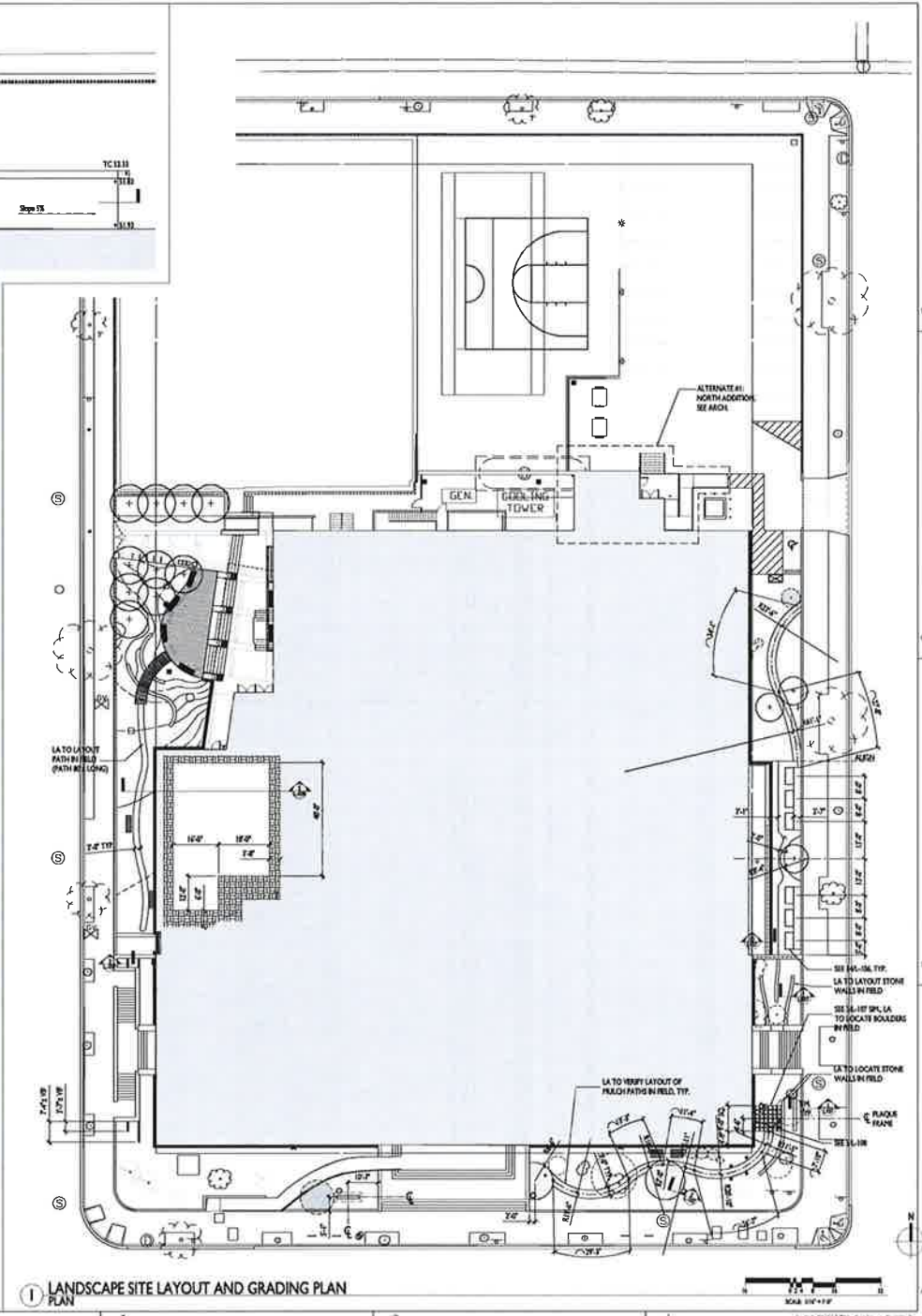
2) LAYOUT AND GRADING PLAN: NORTH SITE PLAN



3) PAVING AND LIGHTING PLAN: NORTH SITE PLAN



2 ARTS ADDITION ENTRY AREA LAYOUT AND GRADING PLAN



1 LANDSCAPE SITE LAYOUT AND GRADING PLAN



OWNER

STUART-HOBSON MIDDLE SCHOOL ARTS INTEGRATION & NORTH ADDITIONS
 PROJECT ADDRESS: 410 E STREET NE, WASHINGTON D.C. 20002



KEY PLAN



DRAWING EDGE	
NAME	DATE

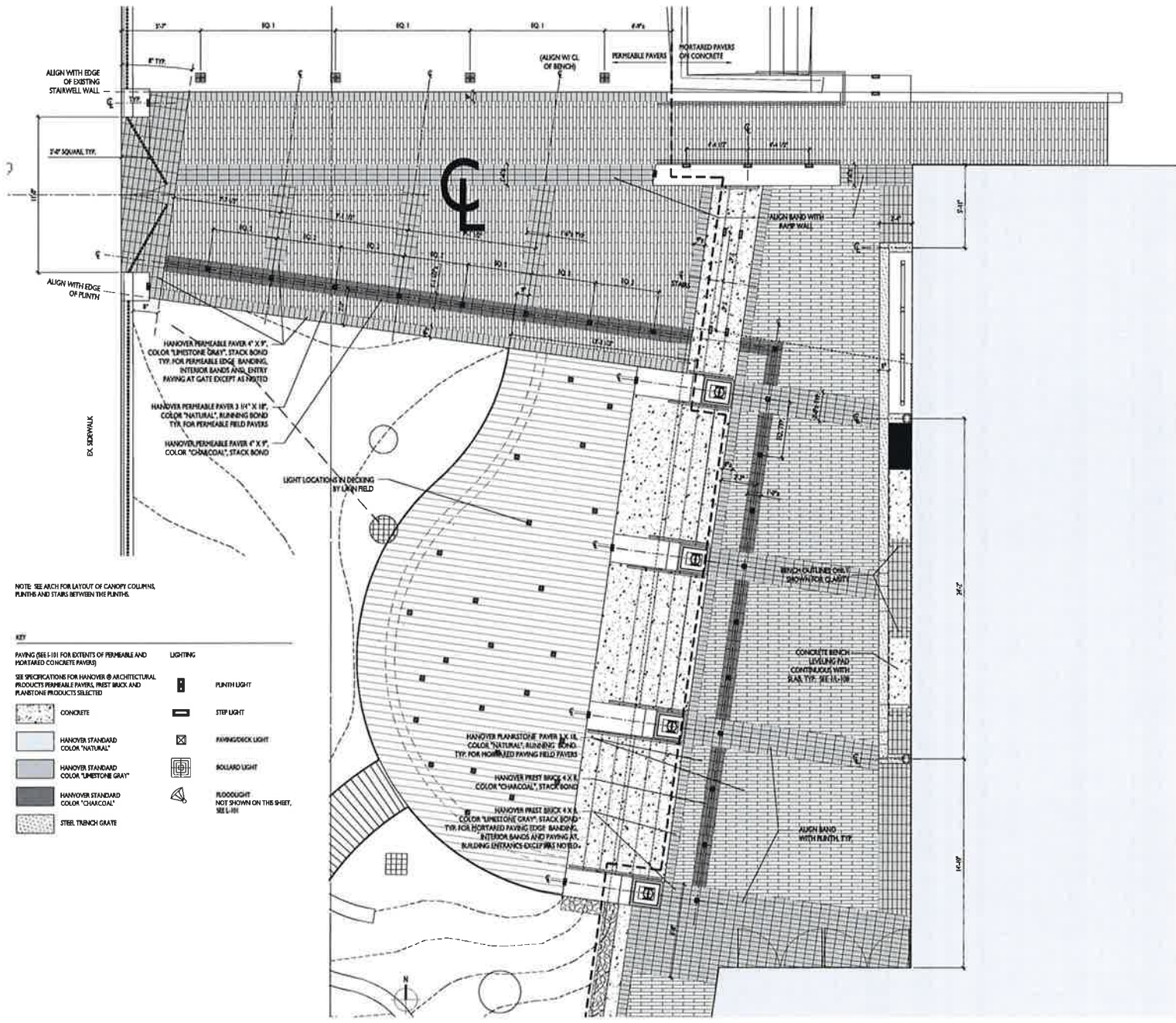
PROJECT NUMBER

1111

DRAWING TITLE
 LANDSCAPE LAYOUT AND GRADING PLAN

DRAWING NUMBER

L-102



NOTE: SEE ARCH FOR LAYOUT OF CANOPY COLUMN PLINTHS AND STAIRS BETWEEN THE PLINTHS.

KEY	
PAVING: SEE L-101 FOR EXTENTS OF PERMEABLE AND MORTARED CONCRETE PAVERS	
SEE SPECIFICATIONS FOR HANOVER @ ARCHITECTURAL PRODUCTS PERMEABLE PAVERS, INSERT BRICK AND PLAINSTONE PRODUCTS SELECTED	
	CONCRETE
	HANOVER STANDARD COLOR "NATURAL"
	HANOVER STANDARD COLOR "LIMESTONE GRAY"
	HANOVER STANDARD COLOR "CHARCOAL"
	STEEL TRENCH GRATE
	PLINTH LIGHT
	STEP LIGHT
	PAVING DECK LIGHT
	BOLLARD LIGHT
	FLOODLIGHT NOT SHOWN ON THIS SHEET, SEE L-101
	LIGHTING

ARTS ADDITION ENTRY AREA PAVING AND LIGHTING PLAN

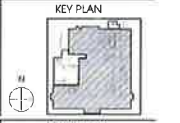


HG ARCHITECTS
 JORDAN HONEYMAN
 LANDSCAPE ARCHITECT

DGS
 DESIGN GROUP SERVICES

OWNER

STUART-HOBSON MIDDLE SCHOOL ARTS INTEGRATION & NORTH ADDITIONS
 ADDRESS: 410 E STREET NE, WASHINGTON D.C. 20002



DATE	BY	CHKD

PROJECT NUMBER
1111

DRAWING TITLE
PAVING AND LIGHTING PLAN

DRAWING NUMBER
L-103



BALANCE BENCH FROM FORMS AND SURFACES
SURFACE MOUNT AS PER MANUFACTURER'S INSTRUCTIONS.

Forms and Surfaces
30 Pine St.
Pittsburgh, PA 15221
(412) 817 8400 fax
(412) 817 8001 phone
www.forms-surfaces.com

1 SITE BENCH
IMAGE

SCALE: NTS



7' X 6' X 16.5" RECYCLED HOPE RECYCLED PLASTIC RAISED GARDEN BED FROM EARTHPEAK

Earthpeak.com
PO Box 511
Pittsville, NC, Canada V9P2G4
804 731 3820 phone
888 431 8753 phone
www.earthpeak.com

14 RECYCLED RAISED GARDEN BED
IMAGE

SCALE: NTS



GREENSCREEN MODULAR TRELLISING SYSTEM

greenscreen
1741 S. La Cienega Blvd.
Los Angeles, CA 90045-4650
Tel: 310 837 7036
Tel: 800 655 3494
Fax: 310 837 0531
www.greenscreen.com

5 GREENSCREEN MODULAR TRELLISING SYSTEM
IMAGE

SCALE: NTS



CORLAT BENCH FROM FORMS AND SURFACES
SURFACE MOUNT AS PER MANUFACTURER'S INSTRUCTIONS.

Forms and Surfaces
30 Pine St.
Pittsburgh, PA 15221
(412) 817 8400 fax
(412) 817 8001 phone
www.forms-surfaces.com

8 DECK BENCH
IMAGE

SCALE: NTS



AUSTIN TRASH RECEPTACLE FROM LANDSCAPE FORMS
SURFACE MOUNT AS PER MANUFACTURER'S INSTRUCTIONS.

Landscape Forms, Inc.
411 Lemdale Ave.
Kalamazoo, MI 49004
269 381 3455 fax
800 439 6279 phone
www.landscapeforms.com

2 SITE TRASH RECEPTACLE
IMAGE

SCALE: NTS



HANOVER Permeable Paving Pavers

The Permeable 4" x 8" x 1.5" Hanover is a multi-colored, composite, permeable paving paver. Designed with a 10% open void, the pavers create a permeable surface. The permeable surface allows water to infiltrate the ground, reducing runoff and improving water quality. The pavers are made from recycled plastic and are available in a variety of colors and patterns. The pavers are designed to be used in a variety of applications, including parking lots, walkways, and patios. The pavers are easy to install and maintain, and they provide a long-lasting, durable surface.

ADA Compliant
*Minimum openings for a wheelchair surface are 48" x 48" open space per unit
*No sharp edges
*Low surface friction
*Slip resistant
*Based on a 1 1/2" x 1 1/2" x 1 1/2" paver
*When wet, the paver surface is slip resistant
*When wet, the paver surface is slip resistant

6 HANOVER PAVERS
IMAGE

NOTE: SEE PLAN FOR COLORS AND PATTERNS

SCALE: NTS



SELECT RECYCLING SYSTEM FROM LANDSCAPE FORMS
SURFACE MOUNT AS PER MANUFACTURER'S INSTRUCTIONS.

Landscape Forms, Inc.
411 Lemdale Ave.
Kalamazoo, MI 49004
269 381 3455 fax
800 439 6279 phone
www.landscapeforms.com

3 SITE RECYCLING BINS
IMAGE

SCALE: NTS



BOLAS BIKE RACK FROM LANDSCAPE FORMS
SURFACE MOUNT AS PER MANUFACTURER'S INSTRUCTIONS.

Landscape Forms, Inc.
411 Lemdale Ave.
Kalamazoo, MI 49004
269 381 3455 fax
800 439 6279 phone
www.landscapeforms.com

4 SITE BIKE RACK
IMAGE

SCALE: NTS



8" RIVER ROCK GATE FROM IRON AGE DESIGN

Iron Age Design
2104 SW 15345 St. W
Burien, WA 98148
206 337 0118 fax
206 374 0933 phone
www.ironagedesign.com

7 TRENCH GRATE
IMAGE

SCALE: NTS

9 NOT USED



10 PLINTH LIGHT
IMAGE

SCALE: NTS



11 STEP LIGHT
IMAGE

SCALE: NTS



12 PAVING LIGHT
IMAGE

SCALE: NTS



13 BOLLARD LIGHT
IMAGE

SCALE: NTS

OWNER

STUART-HOBSON MIDDLE SCHOOL ARTS INTEGRATION & NORTH ADDITIONS
ADDRESS: 410 E STREET NE, WASHINGTON D.C. 20002

SEAL



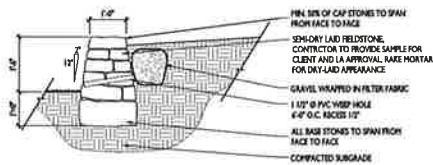
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CONSTRUCTION SET / PERMIT REVISIONS	2016/11
PERMIT REVISIONS	2016/11
PERMIT REVISIONS	2016/11
PERMIT REVISIONS	2016/11

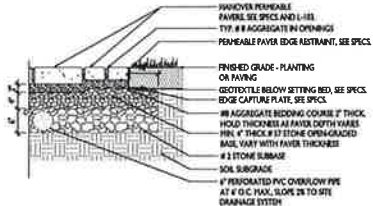
PROJECT NUMBER
1111

DRAWING TITLE
SITE FURNISHINGS

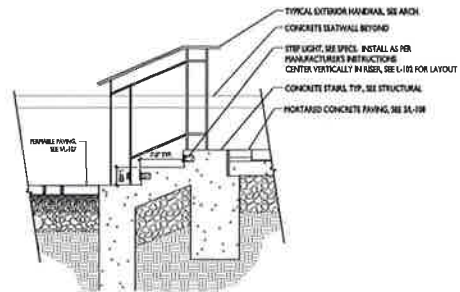
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L-106



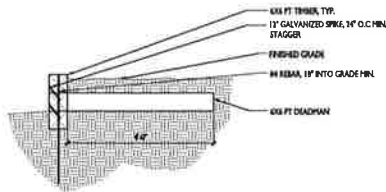
1 SEMI-DRY LAID STONE RETAINING WALL SECTION/ELEVATION SCALE: 3/4" = 1'-0"



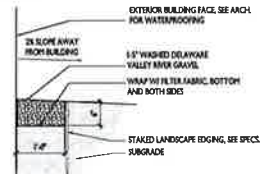
5 PERMEABLE PAVING SECTION/ELEVATION SCALE: 1" = 1'-0"



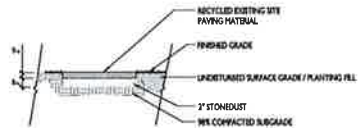
6 CONCRETE STAIRS SECTION/ELEVATION SCALE: 3/4" = 1'-0"



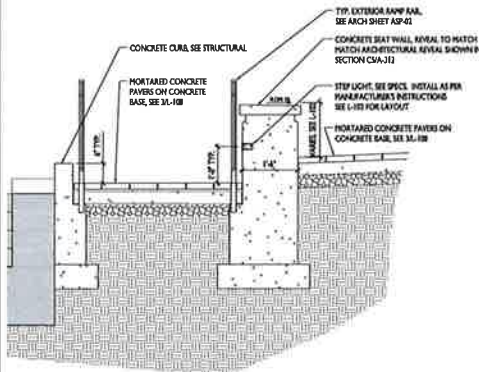
2 TIMBER RETAINING WALL SECTION/ELEVATION SCALE: 3/4" = 1'-0"



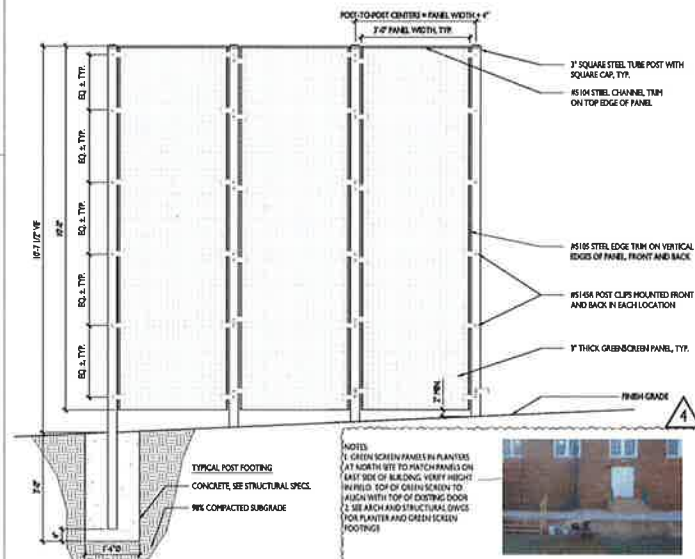
10 GRAVEL MULCH STRIP SECTION/ELEVATION SCALE: 1" = 1'-0"



3 PAVING ON STONE DUST SECTION/ELEVATION SCALE: 3/4" = 1'-0"



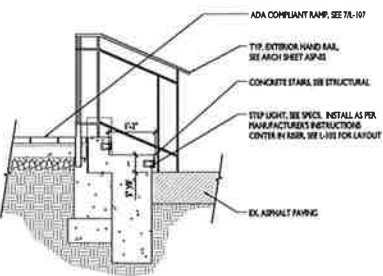
7 CURB, RAMP AND SEATWALL SECTION/ELEVATION SCALE: 3/4" = 1'-0"



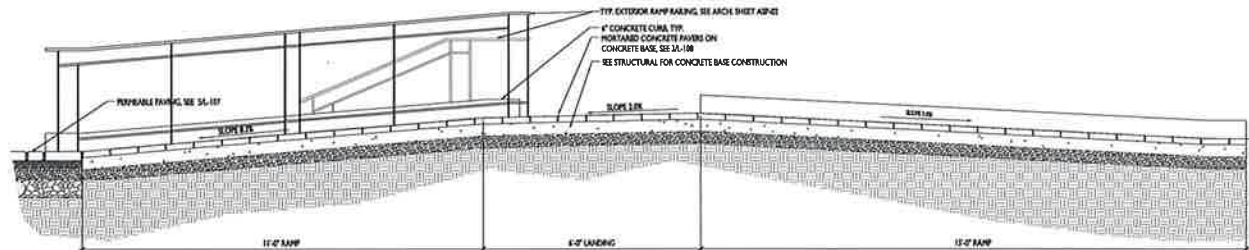
9 GREENSCREEN INSTALLATION SECTION/ELEVATION SCALE: 3/4" = 1'-0"



NOTES:
1. GREEN SCREEN PANELS IN PLANTERS AT NORTH SITE TO MATCH PANELS ON EAST SIDE OF BUILDING. VERIFY HEIGHT BARRIERS. TOP OF GREEN SCREEN TO MATCH WITH TOP OF EXISTING DOOR.
2. SEE ARCH AND STRUCTURAL DWGS FOR PLANTER AND GREEN SCREEN FOOTINGS.



4 CONCRETE STAIRS SECTION/ELEVATION SCALE: 3/4" = 1'-0"



8 RAMP SECTION SECTION/ELEVATION SCALE: 3/4" = 1'-0"

SEAL

KEY PLAN



DRAWING DATE

PROJECT NUMBER

1111

DRAWING TITLE

SITE DETAILS

DRAWING NUMBER

L-107

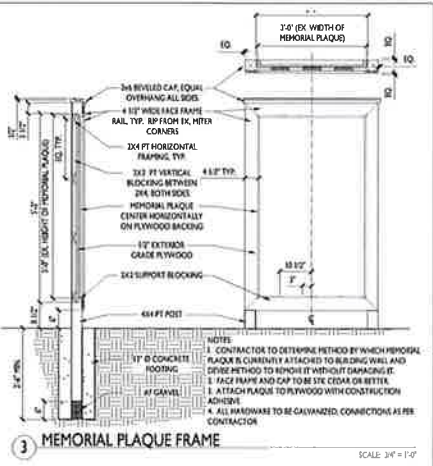


SCHOOL OF EDUCATION
PUBLIC SCHOOLS

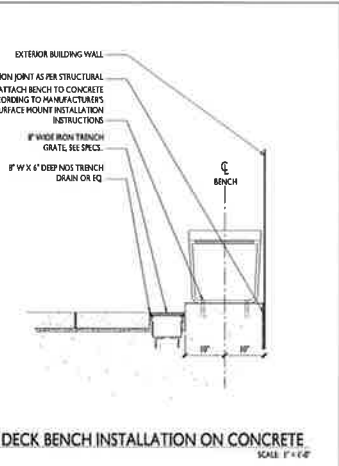
OWNER

STUART-HOBSON MIDDLE
SCHOOL
ARTS INTEGRATION & NORTH
ADDITIONS

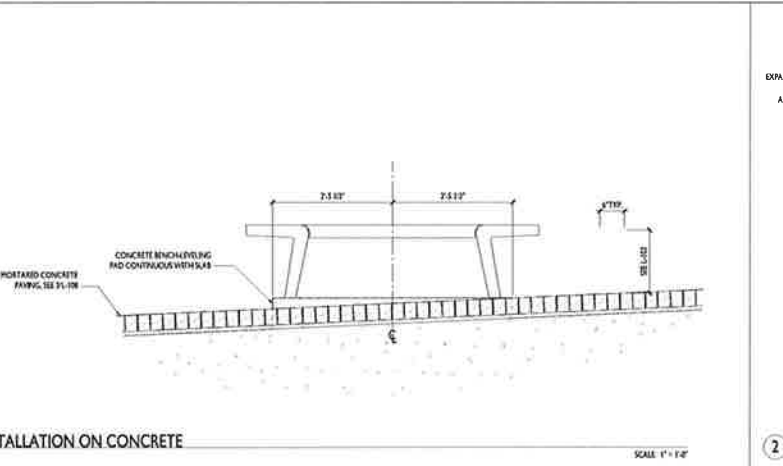
PROJECT ADDRESS 410 E STREET NE, WASHINGTON D.C. 20002



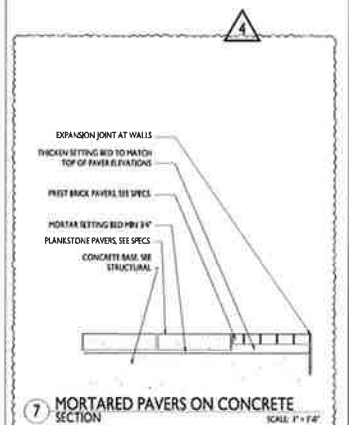
3 MEMORIAL PLAQUE FRAME



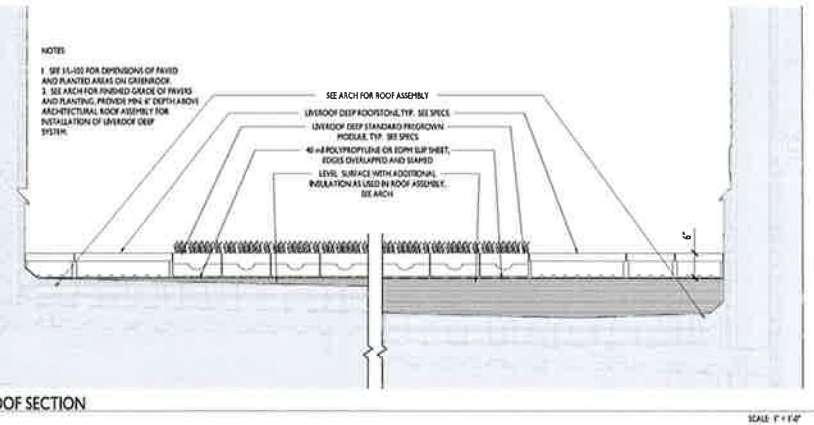
2 DECK BENCH INSTALLATION ON CONCRETE



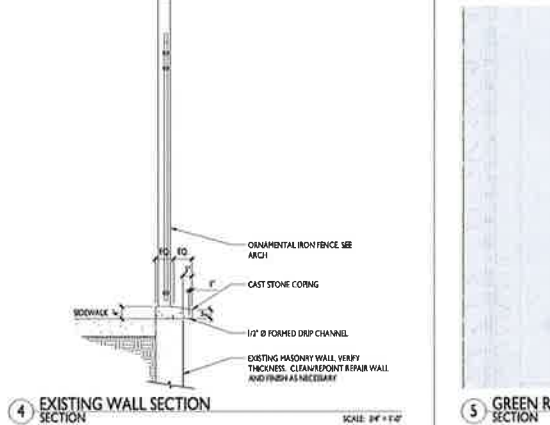
1 DECK BENCH INSTALLATION ON CONCRETE



7 MORTARED PAVERS ON CONCRETE SECTION



5 GREEN ROOF SECTION



4 EXISTING WALL SECTION

MACCAFERRI PRODUCT STANDARD SPECIFICATIONS
Rev. 05/2004/04/2012

GABION GALVANIZED & PVC COATED

10 Description
This specification covers galvanized and PVC coated wire mesh gabions used for erosion control and slope stabilization. The gabions shall be made of galvanized steel wire mesh and PVC coated wire mesh. The gabions shall be made of galvanized steel wire mesh and PVC coated wire mesh. The gabions shall be made of galvanized steel wire mesh and PVC coated wire mesh.

11 Materials

12 Work Item Details

13 Fabrication

14 Installation

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MACCAFERRI PRODUCT STANDARD SPECIFICATIONS
Rev. 05/2004/04/2012

MATERIALS

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MACCAFERRI PRODUCT STANDARD SPECIFICATIONS
Rev. 05/2004/04/2012

TESTING

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MACCAFERRI PRODUCT STANDARD SPECIFICATIONS
Rev. 05/2004/04/2012

TESTING

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MACCAFERRI PRODUCT STANDARD SPECIFICATIONS
Rev. 05/2004/04/2012

TESTING

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KEY PLAN

PERMIT REQUIREMENTS

PERMIT FEES

PERMIT RESUBMISSION

PROJECT NUMBER

1111

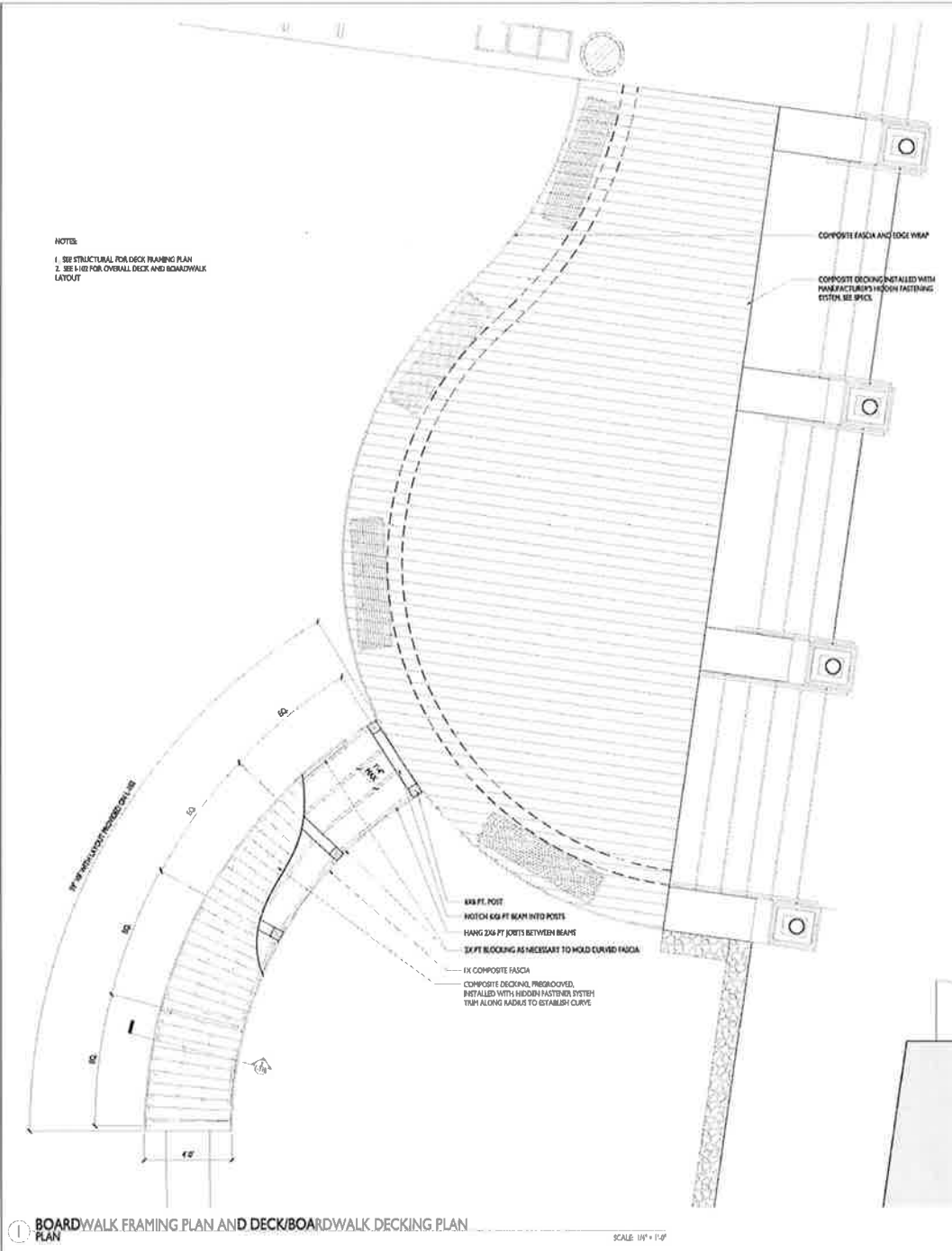
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SITE DETAILS

DRAWING NUMBER

L-108

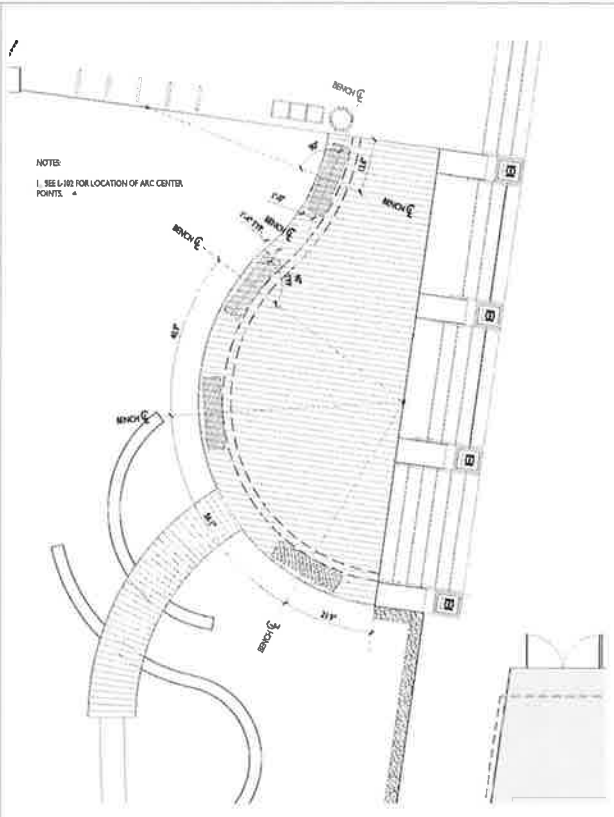
NOTES:
 1. SEE STRUCTURAL FOR DECK FRAMING PLAN
 2. SEE L-102 FOR OVERALL DECK AND BOARDWALK LAYOUT



1 BOARDWALK FRAMING PLAN AND DECK/BOARDWALK DECKING PLAN

SCALE: 1/8" = 1'-0"

NOTES:
 1. SEE L-102 FOR LOCATION OF ARC CENTER POINTS



2 BENCH LAYOUT PLAN

SCALE: 1/8" = 1'-0"



DESIGN BY CONCEPT
 OWNER

STUART-HOBSON MIDDLE SCHOOL ARTS INTEGRATION & NORTH ADDITIONS
 PROJECT ADDRESS: 410 E STREET NE, WASHINGTON D.C. 20002

SEAL

KEY PLAN



DRAWING TITLE

PROJECT NUMBER

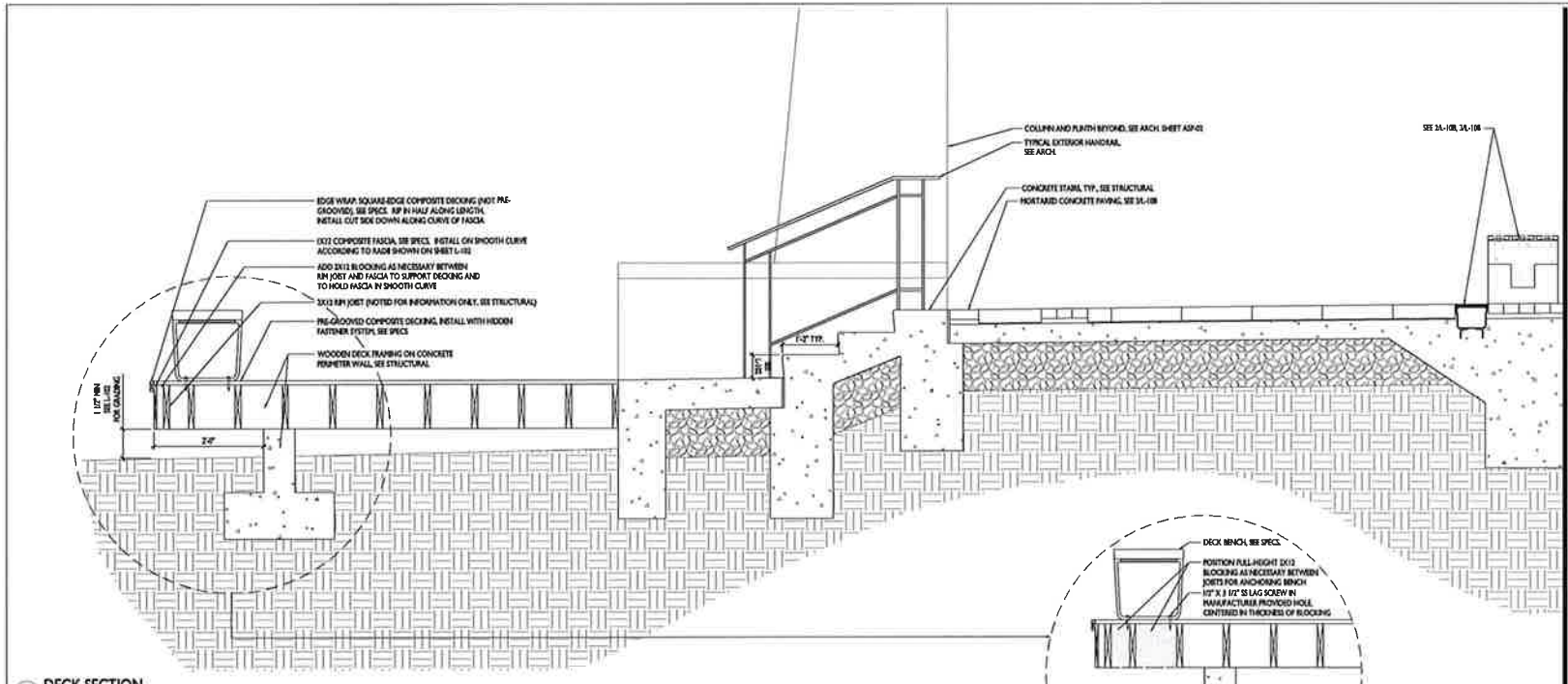
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DRAWING TITLE

DECK DETAILS

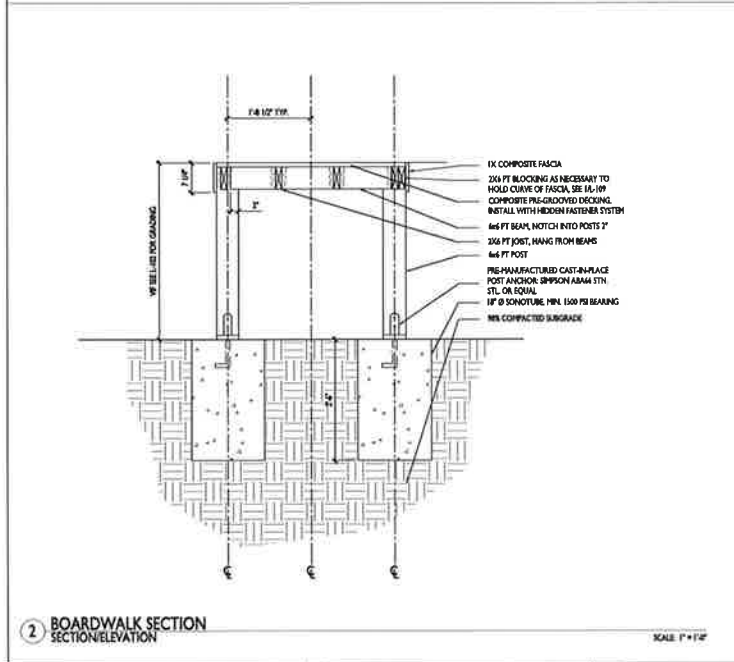
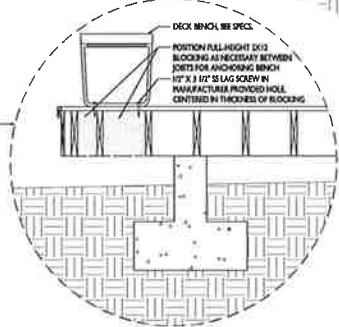
DRAWING NUMBER

L-109



1 DECK SECTION SECTION/ELEVATION

SCALE: 3/4" = 1'-0"



2 BOARDWALK SECTION SECTION/ELEVATION

SCALE: 1" = 1'-0"



STUART-HOBSON MIDDLE SCHOOL ARTS INTEGRATION & NORTH ADDITIONS
 PROJECT ADDRESS: 410 E STREET NE, WASHINGTON D.C. 20002

SEAL

KEY PLAN



DRAWING DATE	
FILE FOLDER NAME	110104

PROJECT NUMBER

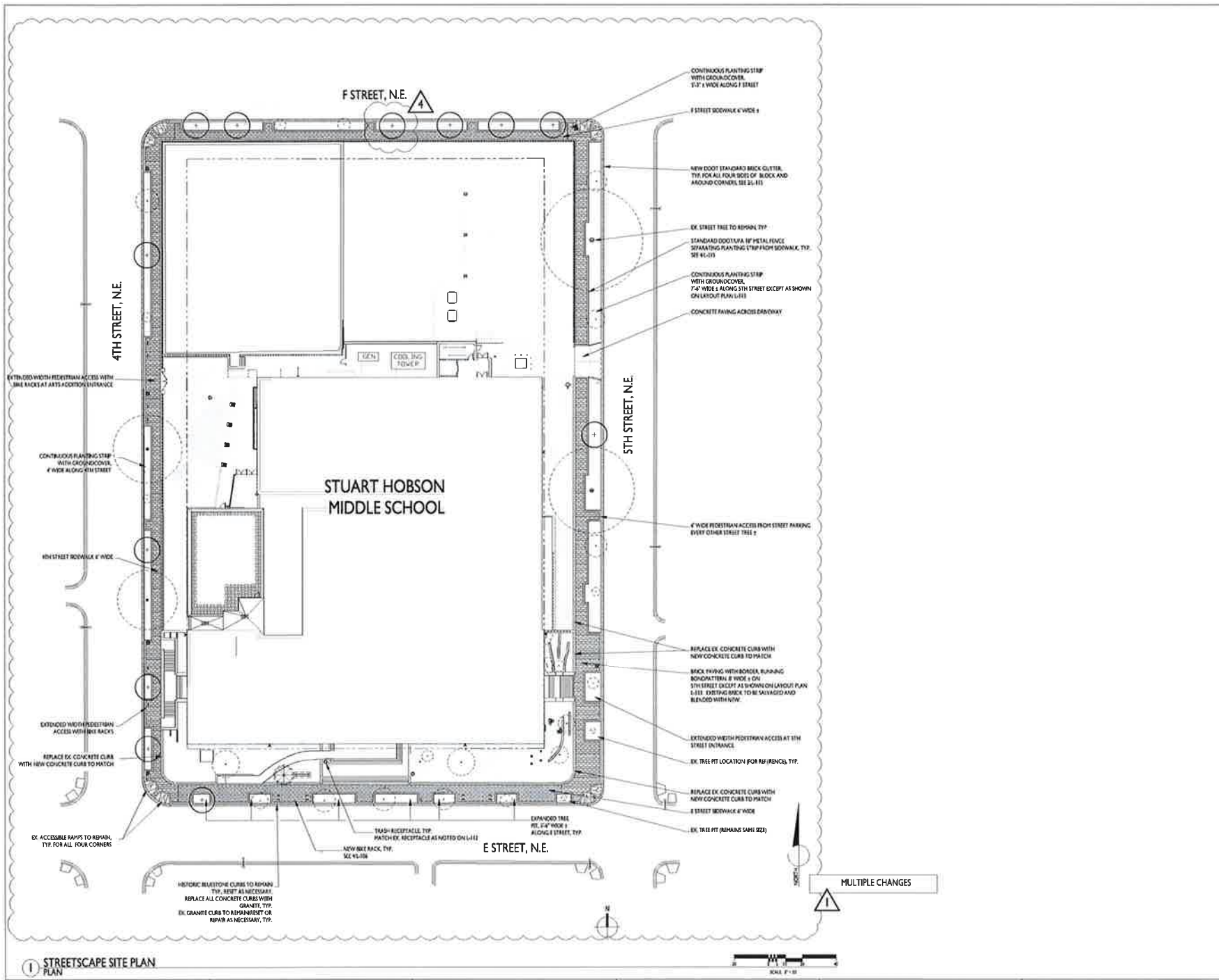
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DECK DETAILS

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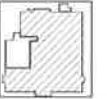


STUART-HOBSON MIDDLE SCHOOL ARTS INTEGRATION & NORTH ADDITIONS

PROJECT LOCATION: 410 E STREET NE, WASHINGTON D.C. 20002

SEAL

KEY PLAN



DRAWING DATE	
DATE	DATE
PERIODIC UPDATE & REVISION	DATE
REVISIONS	DATE
DATE	DATE

PROJECT NUMBER
1111

DRAWING TITLE
STREETSCAPE SITE PLAN

DRAWING NUMBER
L-111

SEAL

KEY PLAN



DRAWING DATE	
PUBLIC SPACE PLAN	08/20/18
PERMITS/STAKEHOLDER APPROVAL	08/20/18
PERMITS/STAKEHOLDER APPROVAL	08/20/18

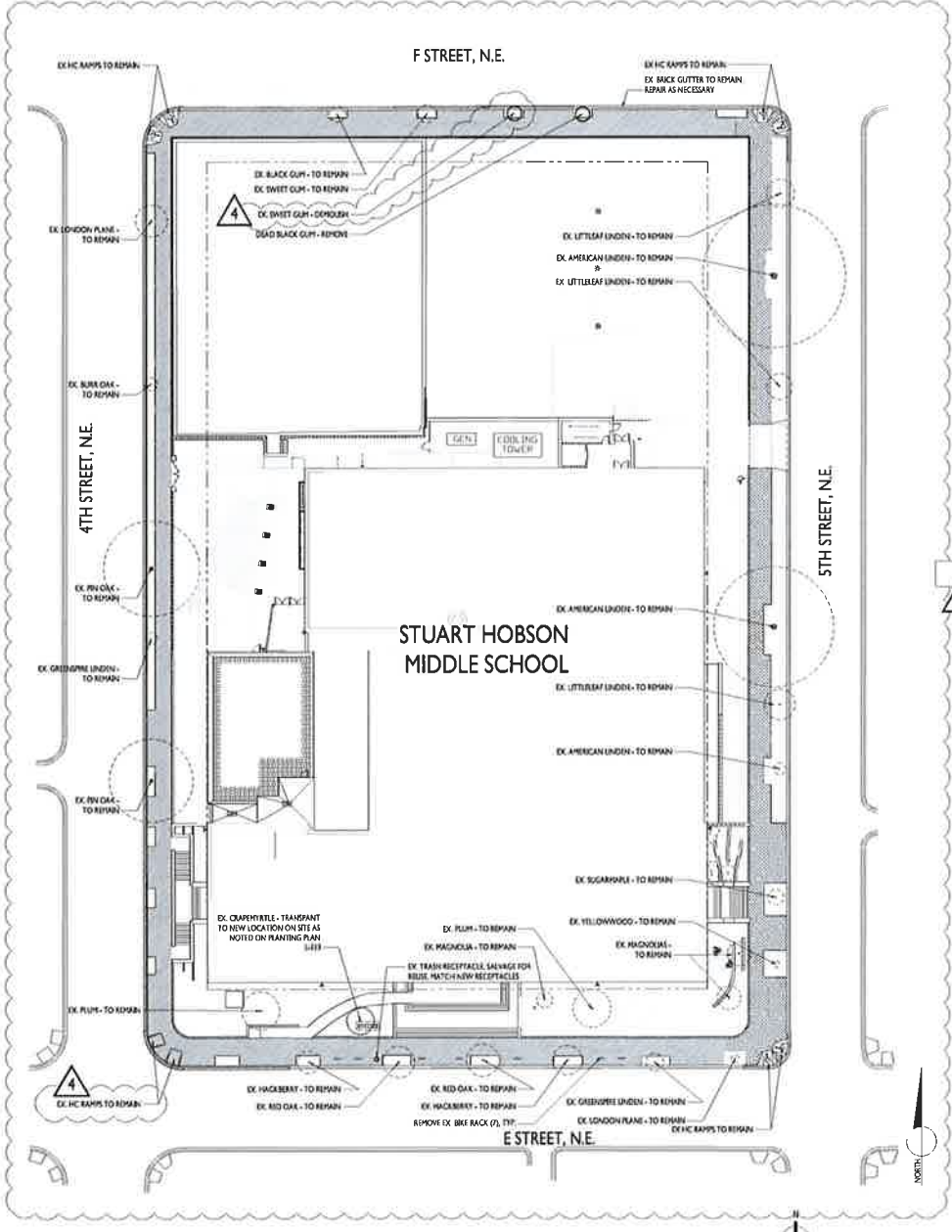
PROJECT NUMBER

1111

DRAWING TITLE
**STREETScape EX.
CONDITIONS AND
DEMOLITION**

DRAWING NUMBER

L-112

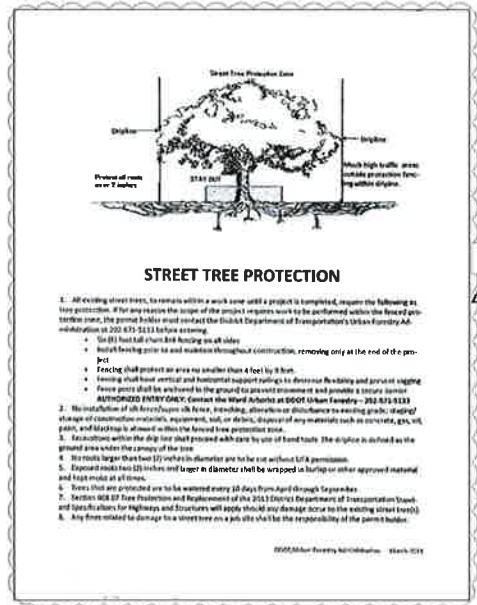


- KEY**
- DEMOLISH EX. CONCRETE SIDEWALK FINING, CURB, GUTTER AND ASSOCIATED BASE
 - DEMOLISH EX. CONCRETE OR ASPHALT PAVING TO ALLOW FOR NEW BLACK GUTTER
 - DEMOLISH EX. BACK SIDEWALK INC. SLUMP EDGES AT TREE SETS. SERVICE BACK FOR REUSE ON SITE
 - EX. STREET TREE TO BE DEMOLISHED
 - EX. STREET TREE TO BE TRANSPANTED
 - EX. STREET TREE TO REMAIN

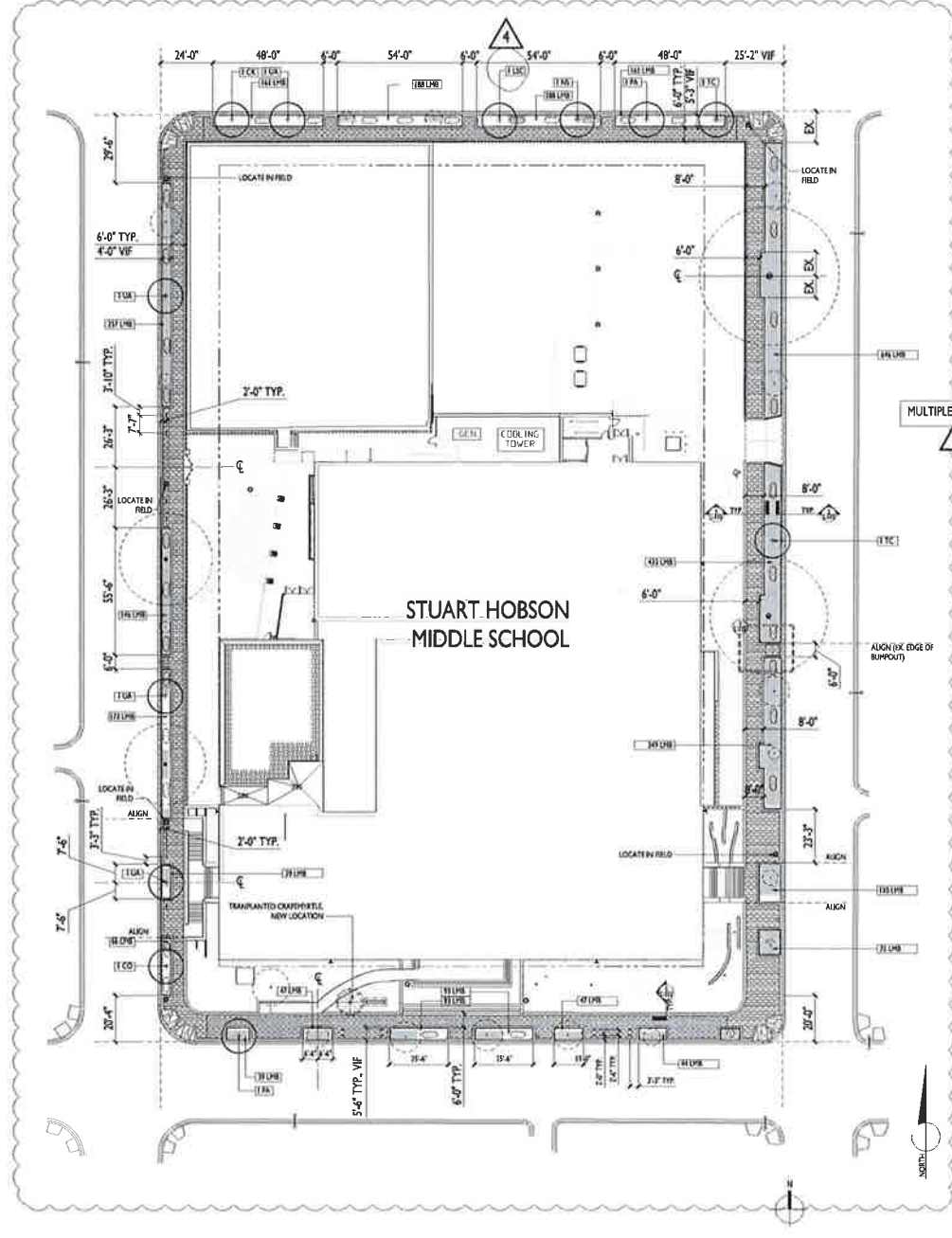
NOTES

1. TREES TO REMAIN SHALL BE PRESERVED AND PROTECTED AS PER 2011 DODOT STANDARD SPECIFICATIONS SECTION 4007 AND 4008.06
2. ALSO SEE DODOT STANDARD STREET PROTECTION DOCUMENT THIS SHEET.

MULTIPLE CHANGES

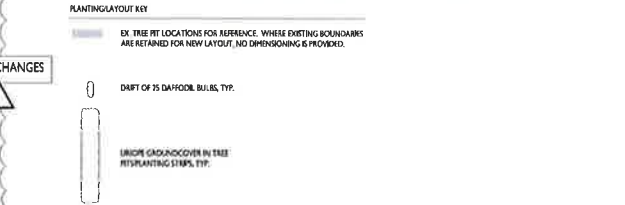


ADDED DETAIL



Symbol	Qty	Botanical Name	Common Name	Size	Condition	Notes
ADDED TREE SIZES CHANGED						
CO	1	Coluca cordata	Hackberry	24.9" x 6"	BAR	
CK	1	Chidesteria americana	Yucca	24.9" x 6"	BAR	
ELC	1	Leipodanthus stracheyi	Cherry	24.9" x 6"	BAR	
RS	1	Rosa carolina	Black Dog	24.9" x 6"	BAR	
PA	1	Prunella americana	London Rose	24.9" x 6"	BAR	
TC	1	Tilia cordata	Orange Tree	24.9" x 6"	BAR	
UA	1	Ulmus americana	Jefferson	24.9" x 6"	BAR	
Ground Covers/Bulbs:						
LMB	100	Liriodendron	Big Blue	4"	CON	
NF	100	Nerium	Flamingo	4"	CON	

- Notes:**
- All plant material shall conform to the "American Standard for Nursery Stock", ANSI Z60.1 2004 by the American Nursery and Landscape Association.
 - All planting installation, and maintenance and soil preparation shall conform to the "Landscape Specification Guidelines for Baltimore Washington Metropolitan Area, 5th Edition, 2008, by the Landscape Contractors Association of the District of Columbia and Maryland.
 - When a change of plant size is specified, the average size of those plants must be in the center of the range or larger. Exceptions to be approved by I.A.
 - Contractor shall verify location of all underground utilities within work areas and be responsible for their protection. Call MISS UTILITY at 800-337-3777 to schedule utility marking. Work shall not commence before completion of utility marking.
 - Planting plan provides general layout only. Specific planting layout shall be directed by LA.
 - All plant substitutions to be approved by LA.
 - Contractor responsible for incorporating existing material according to ECA Guidelines and maintaining completed material until job is 100% complete.
 - Plant quantities to be verified by Contractor from planting plan. Any discrepancies should be brought to the attention of the LA for verification.



- NOTES**
- SEE STREETSCAPE PLANTING DETAILS ON I-114 EXCEPT AS SUPERSEDED BY REQUIREMENTS SHOWN BELOW.
 - TREE PLANTING SHALL COMPLY WITH THE 2011 VERSION OF THE DISTRICT DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAYS AND STRUCTURES AND STANDARD DRAWINGS NO. 611.1B AND 611.1F.
 - DECIDUOUS TREES SHALL ONLY BE PLANTED BETWEEN OCTOBER 15 AND MAY 1 AS PER THE SPRING AND FALL PLANTING SEASON DATES.
 - PEAT MOSS IS NOT ALLOWED FOR USE AS A SOIL AMENDMENT.
 - TREE PLANTING AND STAKING SHALL BE AS PER SECTION 608.02, 2011 DOOT STANDARD SPECIFICATIONS.
 - IF COMPANION PLANTS (E. PEASABALL, GRASS, BULBS, SHRUB, ETC.) ARE TO BE INSTALLED IN TREE BOXES, THEY MUST CONFORM TO DOOT MINIMUM HEIGHT STANDARDS TO PROTECT RIGHT LINES, HAVE A SHALLOW ROOT SYSTEM AND BE PLANTED AT MINIMUM 1 FT. FROM THE ROOT FLARE (CROWN) OF THE STREET TREE TRUNK OFF 3 FT. CLEAR ZONE AROUND TREES WITH A 2" LAYER OF DOUBLE SHREDED HARDWOOD MULCH BUT DO NOT PLACE UP AGAINST OR HOUND AROUND ROOT FLARE.
 - DO NOT PLANT GRASS/COVER WITHIN 4 FT. OF THE ROOT FLARE OF THE TREE IN A CONTINUOUS PLANTING STRIP. TRUNK OFF 4 FT. CLEAR ZONE WITH A 2" LAYER OF DOUBLE SHREDED HARDWOOD MULCH BUT DO NOT PLACE UP AGAINST OR HOUND AROUND ROOT FLARE.
 - CONTRACTOR SHALL CONTACT SHOUN BANUA (shoun.banua@dc.gov) OR STEVE MCKINDLEY-WARD (steve.mckindleyward@dc.gov) WHEN THE STREET TREES ARE READY TO BE PLANTED, PROVIDING AT LEAST 48 HOURS NOTICE.

1. STREETScape LAYOUT AND PLANTING PLAN



STUART-HOBSON MIDDLE SCHOOL ARTS INTEGRATION & NORTH ADDITIONS
 410 E STREET NE, WASHINGTON D.C. 20002

SEAL

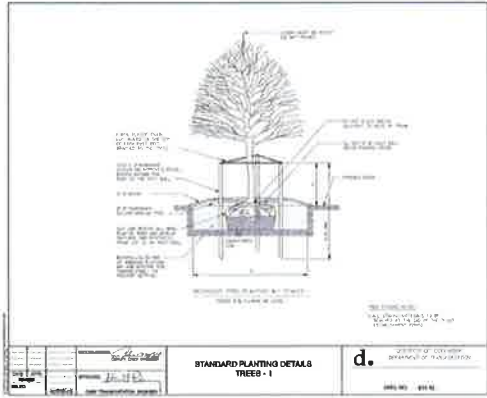
KEY PLAN

DATE	BY	REVISION
08/20/14
08/20/14
08/20/14

PROJECT NUMBER: 1111

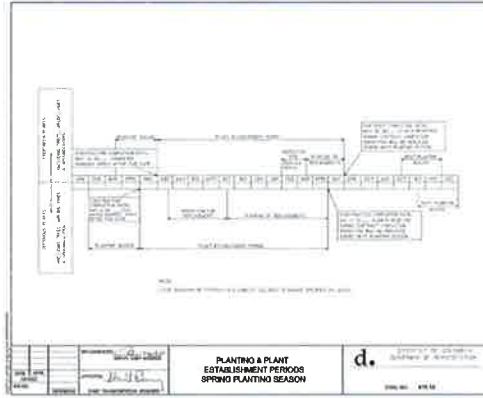
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DRAWING NUMBER: L-113



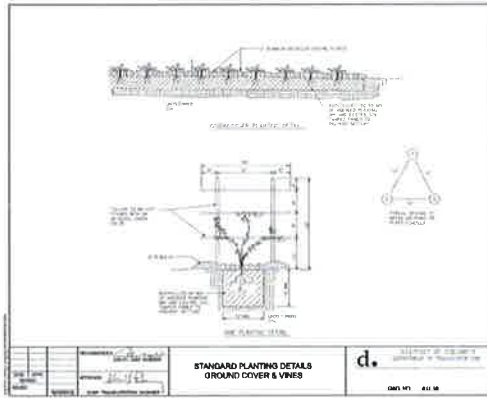
1 TREE PLANTING
SECTION/ELEVATION

SCALE: NTS



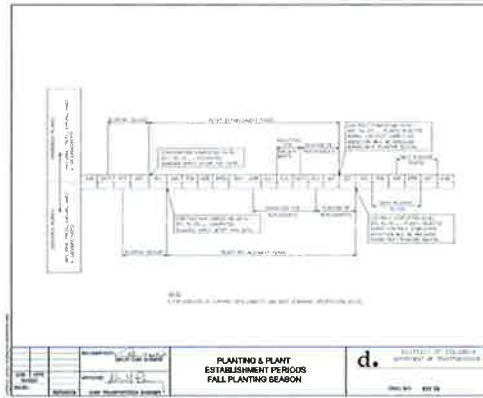
PLANTING & PLANT
ESTABLISHMENT PERIODS
SPRING PLANTING SEASON

d. DISTRICT OF COLUMBIA
DEPARTMENT OF TRANSPORTATION



2 GROUND COVER PLANTING
SECTION/ELEVATION

SCALE: NTS

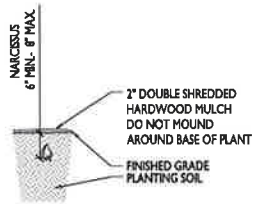


PLANTING & PLANT
ESTABLISHMENT PERIODS
FALL PLANTING SEASON

d. DISTRICT OF COLUMBIA
DEPARTMENT OF TRANSPORTATION

4 PLANT ESTABLISHMENT SCHEDULES
SPECIFICATIONS

SCALE: NTS



3 BULB PLANTING
SECTION/ELEVATION

SCALE: NTS



DISTRICT OF COLUMBIA
PUBLIC SCHOOLS
OWNER

STUART-HOBSON MIDDLE
SCHOOL ARTS INTEGRATION
& NORTH ADDITIONS
PROJECT: 410 E STREET NE, WASHINGTON D.C. 20002

SEAL

KEY PLAN



DRAWING SCALE	
NO.	SCALE
1	AS SHOWN
2	AS SHOWN
3	AS SHOWN
4	AS SHOWN

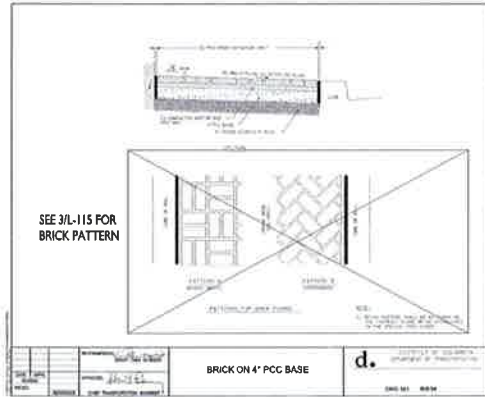
PROJECT NUMBER

1111

DRAWING TITLE
PLANTING
DETAILS

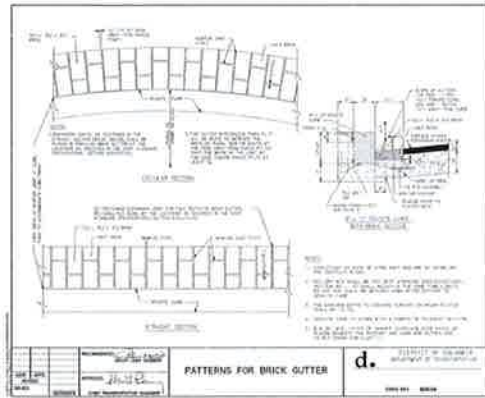
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L-114



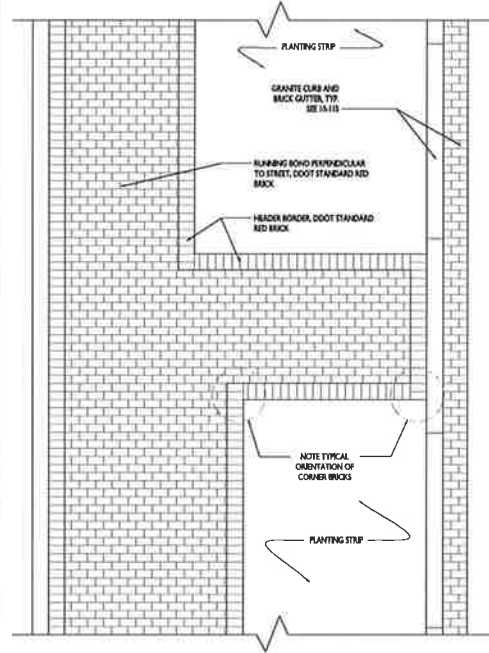
1 BRICK SIDEWALK ON CONCRETE SECTION

SCALE: NTS



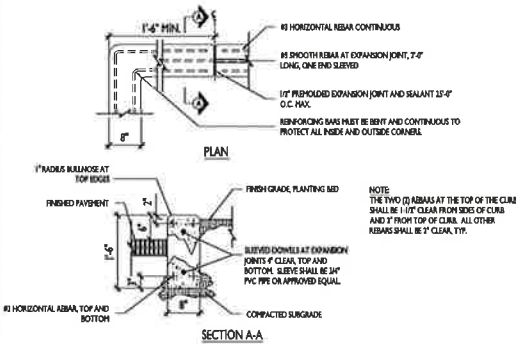
2 GRANITE CURB AND CONCRETE GUTTER PLANSECTION

SCALE: NTS



3 BRICK SIDEWALK PAVING PATTERN PLAN

SCALE: NTS



5 CONCRETE CURB PLANSECTION

SCALE: 1" = 1'-4"



Note: 3" space between sides and bottom rail, tree box flush with grade and street sign outside of tree box. Ornamental O-rings are optional.

Ornamental Iron Fence for Street Tree Boxes
DDOT/Urban Forestry Administration (revised 8/31/10)

The 18" high ornamental iron fence with top row of rings shall meet or exceed the following specifications: ASTM A-797, ASTM A-651, ASTM A-607

Materials:

- Posts – above grade: 1" x 1" x 1/8" tubing, 18" in length
- Posts – below grade: 1/2" solid steel bars, 18" in length
- Top rail embellishment: 1" x 1/8" flat steel channel
- Top rail: 2" molded steel bars
- Mid rail: 1" x 3/8" x 1/8" steel channel punched to accept pickets
- Bottom rail: 1" x 1/2" x 1/8" steel channel punched to accept pickets
- Pickets: 1/2" x 3/8" solid steel bars
- O-Rings: 4 3/4" tubing

Finish: all materials are welded and primed with 1 coat of Red Oxide primer and 1 coat of Black Satin paint (Sherwin Williams) mixed with primer

Fabrication and Installation:

1. Fence shall be 3-sided unless otherwise specified, open side facing the curb
2. Top-to-mid rail spacing – 5.25" o.c.
3. Mid-to-bottom rail spacing – 8" o.c.
4. Bottom rail shall sit approx. 3" above grade surface
5. Post-to-picket spacing – 5.25" o.c.
6. Picket to picket spacing – 5" o.c.
7. Space O-ring tubing according to picket and post locations: all O-rings shall be welded to adjacent pickets, posts, and mid rail
8. Weld 1" x 1" x 0.125" post tubing at ends and corners and weld an additional post along the length at mid point. If tree box length exceeds 12', posts should be welded every 4' along length
9. To provide below grade support in concrete, weld 1/2" solid steel bars in all 1" x 1" x 0.125" post tubing
10. To deter seating, weld 1" x 0.125" flat steel channel to 2" top rail
11. For existing tree boxes, openings must be measured prior to fabrication to ensure that fences will fit just inside the boxes and side panels must be fabricated with a minimum setback of 6" and 10" from back edge of existing standard curb and narrow curb respectively, to allow sufficient room for car doors to swing
12. For new tree boxes installations, fence dimensions shall be standardized based on length and width of proposed openings (e.g. 4' x 9', 6' x 10', etc.); however, the setback for the side panels shall remain consistent at 6" and 10" from back edge of existing standard curb and narrow curb respectively, to allow sufficient room for car doors to swing
13. Use Sonotube forms as per manufacturer's specifications to set concrete for footings. Concrete footings shall be approx. 10" wide by 24" deep. Concreting shall be performed in accordance with the manufacturer's specifications.

Reinforcements:

- Strength: 3000 psi with a slump of 3
- Air entrainment: 5% to 8%
- Aggregate size: 3/4" max
- Min. comp. strength at 28 days: 32 MPa
- Meets ASTM C 150, Type I

Finished concrete shall be two (2) inches below existing grade and pitched to direct water away from posts.

4 STANDARD DDOT/UFA ORNAMENTAL IRON FENCE SPECIFICATIONS

SCALE: NTS



STUART-HOBSON MIDDLE SCHOOL ARTS INTEGRATION & NORTH ADDITIONS
410 E STREET NE, WASHINGTON D.C. 20002



DRAWING ISSUE	
NO.	DATE

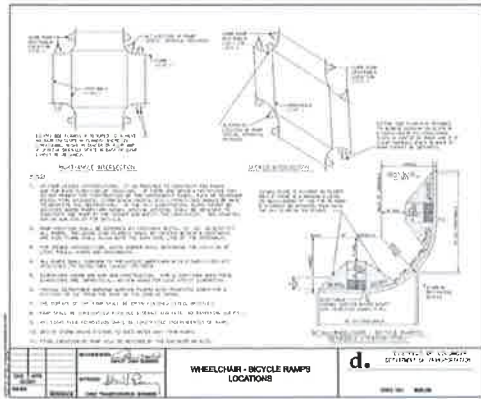
PROJECT NUMBER

1111

DRAWING TITLE
STREETSCAPE DETAILS

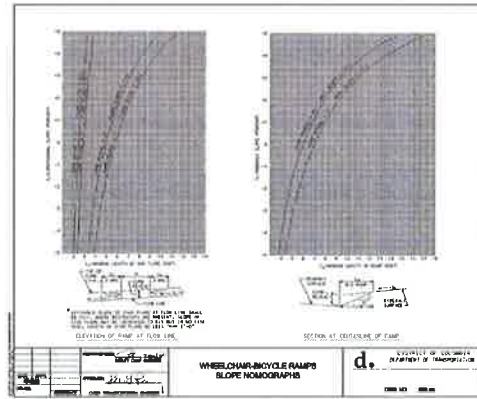
DRAWING NUMBER

L-115



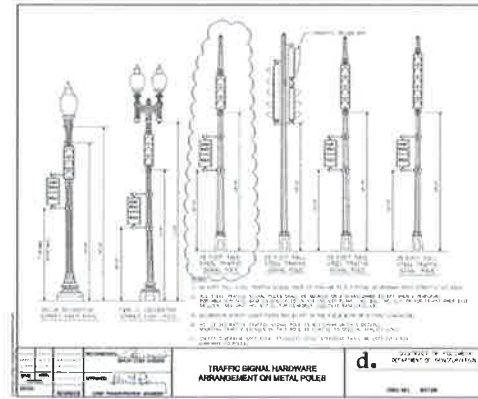
1 RAMP DETAILS
PLANS/SPECIFICATIONS

SCALE: NTS



3 RAMP DETAILS
SPECIFICATIONS

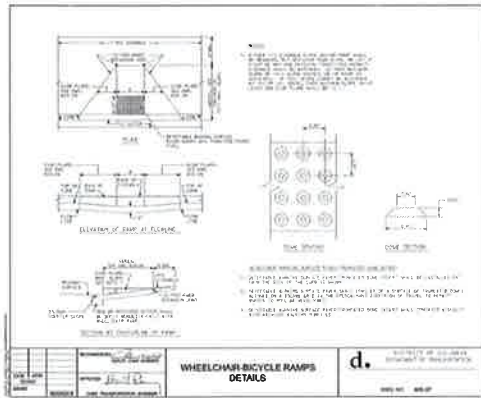
SCALE: NTS



PROVIDED FOR INFORMATION ONLY - SEE ELECTRICAL DRAWINGS FOR FULL DETAILS AND INSTALLATION.

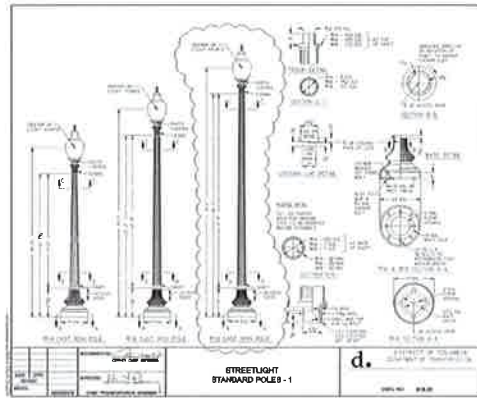
4 NON-LAMPED SIGNAL POLES
ELEVATIONS/SPECIFICATIONS

SCALE: NTS



2 RAMP DETAILS
PLANS/SECTIONS/SPECIFICATIONS

SCALE: NTS



PROVIDED FOR INFORMATION ONLY - SEE ELECTRICAL DRAWINGS FOR FULL DETAILS AND INSTALLATION.

4 PEDESTRIAN LAMPS
PLANS/SECTION/ELEVATIONS/SPECIFICATIONS

SCALE: NTS



STUART-HOBSON MIDDLE SCHOOL ARTS INTEGRATION & NORTH ADDITIONS

PROJECT ADDRESS: 410 E STREET NE, WASHINGTON D.C. 20002

SEAL

KEY PLAN



DRAWING ISSUE	
NO.	DATE
1	11/11/11

PROJECT NUMBER
1111

DRAWING TITLE
STREETSCAPE DETAILS

DRAWING NUMBER
L-116