



CUY-90-14.90

PID 77332/85531

APPENDIX AE-02

**Conceptual Streetscape and Landscape Plans
(Contract Document)**

State of Ohio
Department of Transportation
Jolene M. Molitoris, Director

**Innerbelt Bridge
Construction Contract Group 1 (CCG1)**

CLEVELAND INNERBELT BRIDGE
OHIO DEPARTMENT OF TRANSPORTATION

CLEVELAND, OHIO
JANUARY 15, 2010

EXHIBITS FOR GATEWAY AND TREMONT
IMPROVEMENTS



LIST OF DRAWINGS

L-0.1	KEY PLAN AND GENERAL NOTES
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L-0.2B	SALVAGE PLAN - GATEWAY
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L-1.1B	TREMONT PLAN
L-1.1C	TREMONT PLAN
L-1.1D	TREMONT PLAN
L-1.2A	GATEWAY PLAN
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**25% DESIGN DOCUMENTS
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No. Date Revision

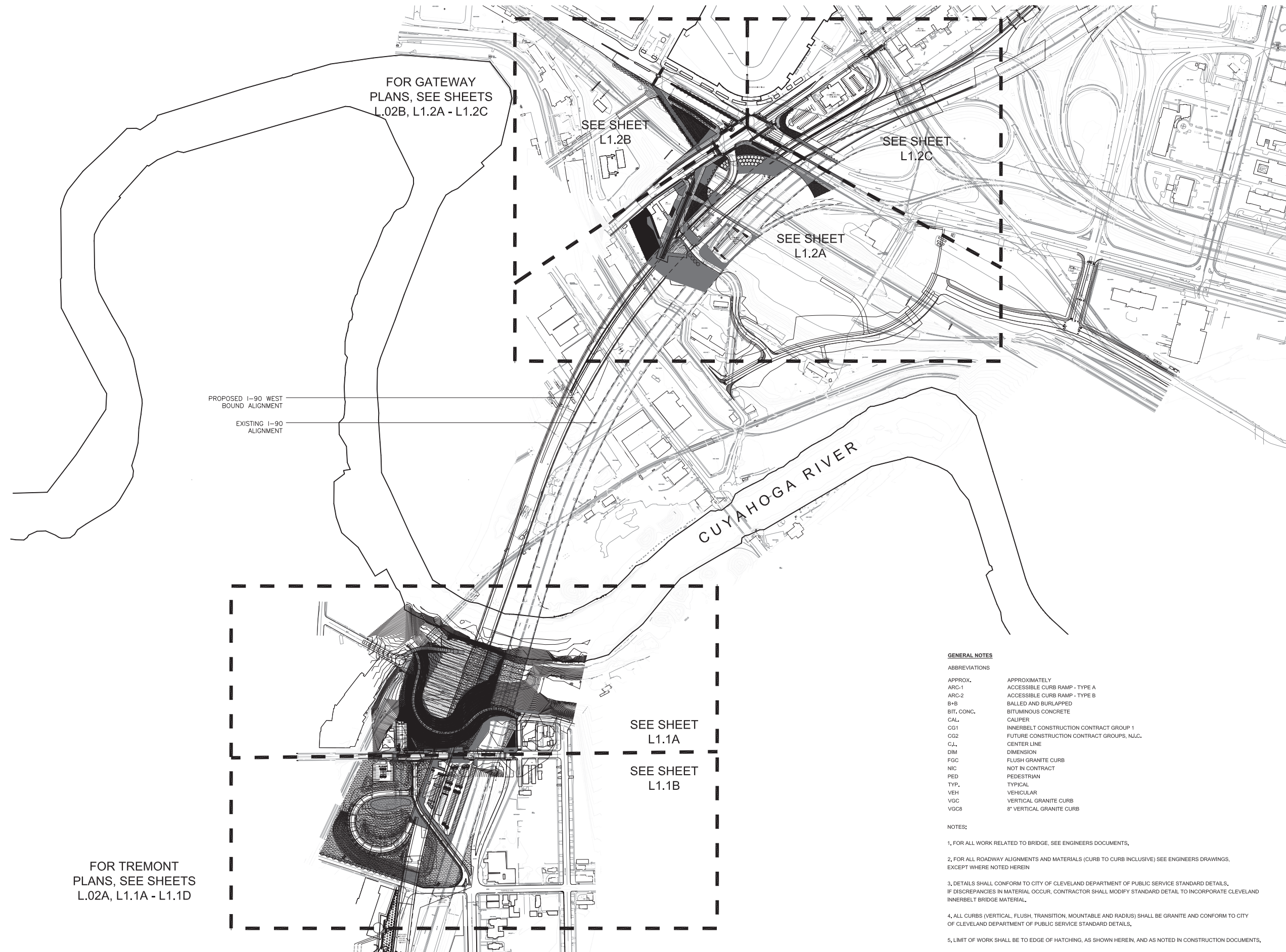
No.	Date	Revision



Key Plan

Job No.: 09110
Drawn By: DN
Checked By: JB SS
Date: 1/15/2010
Scale: 1"=200'

**Key Plan + General Notes
L0.1**



GENERAL NOTES

ABBREVIATIONS

APPROX.	APPROXIMATELY
ARC-1	ACCESSIBLE CURB RAMP - TYPE A
ARC-2	ACCESSIBLE CURB RAMP - TYPE B
B+B	BALLED AND BURLAPPED
BIT. CONC.	BITUMINOUS CONCRETE
CAL.	CALIPER
CG1	INNERBELT CONSTRUCTION CONTRACT GROUP 1
CG2	FUTURE CONSTRUCTION CONTRACT GROUPS, N.J.C.
C.L.	CENTER LINE
DIM	DIMENSION
FGC	FLUSH GRANITE CURB
NIC	NOT IN CONTRACT
PED	PEDESTRIAN
TYP.	TYPICAL
VEH	VEHICULAR
VGC	VERTICAL GRANITE CURB
VGC8	8" VERTICAL GRANITE CURB

NOTES:

1. FOR ALL WORK RELATED TO BRIDGE, SEE ENGINEERS DOCUMENTS.
2. FOR ALL ROADWAY ALIGNMENTS AND MATERIALS (CURB TO CURB INCLUSIVE) SEE ENGINEERS DRAWINGS, EXCEPT WHERE NOTED HEREIN
3. DETAILS SHALL CONFORM TO CITY OF CLEVELAND DEPARTMENT OF PUBLIC SERVICE STANDARD DETAILS, IF DISCREPANCIES IN MATERIAL OCCUR, CONTRACTOR SHALL MODIFY STANDARD DETAIL TO INCORPORATE CLEVELAND INNERBELT BRIDGE MATERIAL.
4. ALL CURBS (VERTICAL, FLUSH, TRANSITION, MOUNTABLE AND RADIUS) SHALL BE GRANITE AND CONFORM TO CITY OF CLEVELAND DEPARTMENT OF PUBLIC SERVICE STANDARD DETAILS.
5. LIMIT OF WORK SHALL BE TO EDGE OF HATCHING, AS SHOWN HEREIN, AND AS NOTED IN CONSTRUCTION DOCUMENTS.

PLOT DATE:
FILE NAME:
XREF FILES:

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Key Plan

Job No.:	09110
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Scale:	1"=40'-0"

DISASSEMBLE STONE PIER COLUMNS AND STOCKPILE. NUMBER STONES FOR REASSEMBLY, SEE ANNOTATED PHOTOGRAPH

SALVAGE STONE PAVERS, SEE ANNOTATED PHOTOGRAPH

SALVAGE ALL CAP STONES, NUMBER AND STOCKPILE FOR LATER RECONFIGURATION, SEE ANNOTATED PHOTOGRAPH.

PROTECT AREA WITHIN BOUNDARY

SALVAGE ALL CAP STONES



CAP STONES ON ALONG UNIVERSITY RD



STONE PIER COLUMNS



PAVERS ON UNIVERSITY DRIVE

SALVAGE WHOLE, UNBROKEN PAVERS ONLY, RECYCLE REMAINDER



PAVERS ON CROWN AVENUE

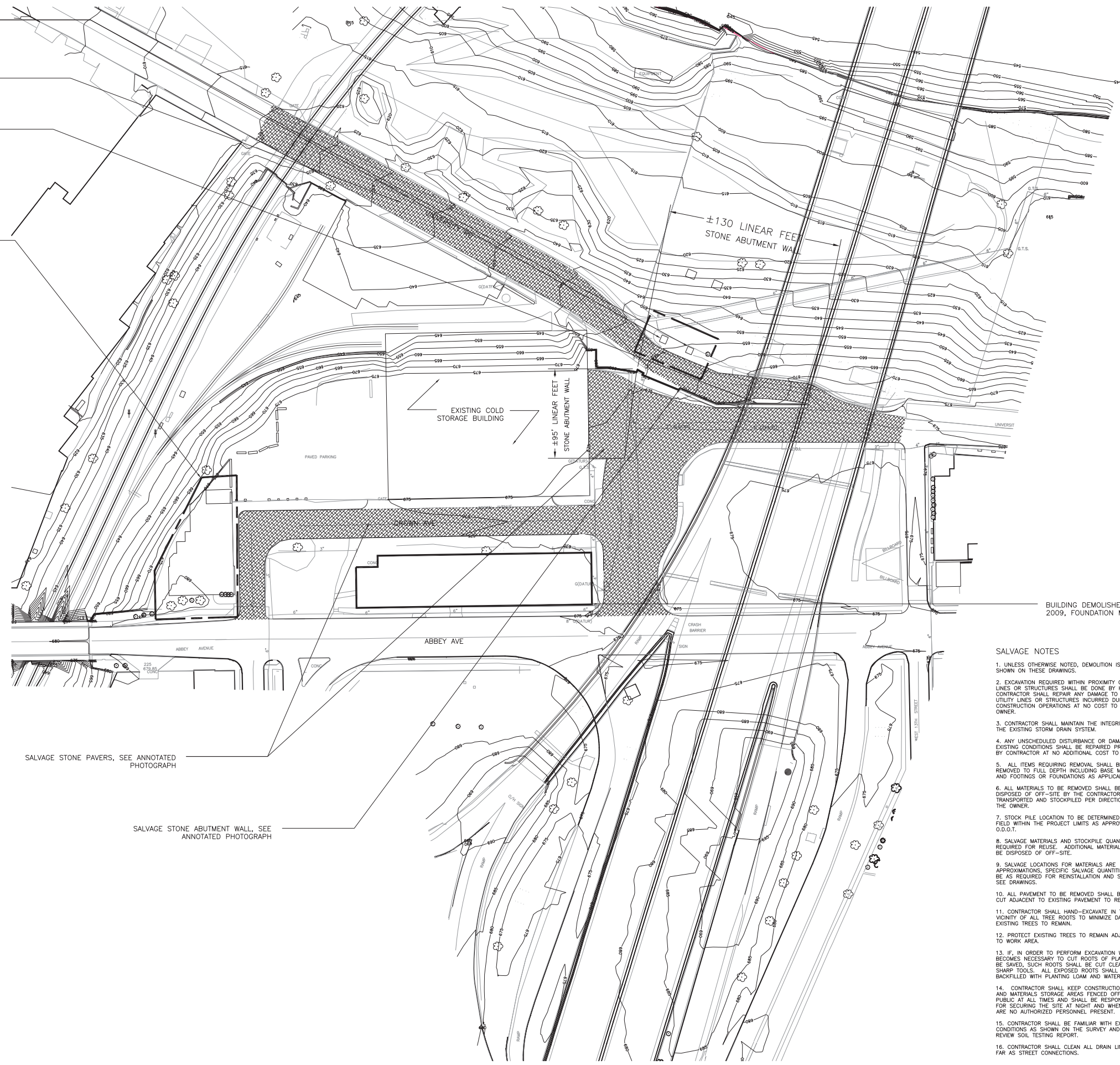
SALVAGE WHOLE, UNBROKEN PAVERS ONLY, RECYCLE REMAINDER



STONE ABUTMENT WALL

CORNER AND CAP STONES, NUMBER AND STOCKPILE FOR LATER RECONFIGURATION

FACE STONE, STOCKPILE SEPARATELY FROM CORNER AND TOP STONES



SALVAGE STONE PAVERS, SEE ANNOTATED PHOTOGRAPH

SALVAGE STONE ABUTMENT WALL, SEE ANNOTATED PHOTOGRAPH

BUILDING DEMOLISHED PRIOR TO 2009, FOUNDATION MAY REMAIN

SALVAGE NOTES

- UNLESS OTHERWISE NOTED, DEMOLITION IS NOT SHOWN ON THESE DRAWINGS.
- EXCAVATION REQUIRED WITHIN PROXIMITY OF UTILITY LINES OR STRUCTURES SHALL BE DONE BY HAND. CONTRACTOR SHALL REPAIR ANY DAMAGE TO EXISTING UTILITY LINES OR STRUCTURES INCURRED DURING CONSTRUCTION OPERATIONS AT NO COST TO THE OWNER.
- CONTRACTOR SHALL MAINTAIN THE INTEGRITY OF THE EXISTING STORM DRAIN SYSTEM.
- ANY UNSCHEDULED DISTURBANCE OR DAMAGE TO EXISTING CONDITIONS SHALL BE REPAIRED PROMPTLY BY CONTRACTOR AT NO ADDITIONAL COST TO OWNER.
- ALL ITEMS REQUIRING REMOVAL SHALL BE REMOVED TO FULL DEPTH INCLUDING BASE MATERIAL AND FOOTINGS OR FOUNDATIONS AS APPLICABLE.
- ALL MATERIALS TO BE REMOVED SHALL BE LEGALLY DISPOSED OF OFF-SITE BY THE CONTRACTOR OR TRANSPORTED AND STOCKPILED PER DIRECTION OF THE OWNER.
- STOCK PILE LOCATION TO BE DETERMINED IN THE FIELD WITHIN THE PROJECT LIMITS AS APPROVED BY O.D.O.T.
- SALVAGE MATERIALS AND STOCKPILE QUANTITY AS REQUIRED FOR REUSE. ADDITIONAL MATERIAL SHALL BE DISPOSED OF OFF-SITE.
- SALVAGE LOCATIONS FOR MATERIALS ARE APPROXIMATIONS. SPECIFIC SALVAGE QUANTITIES SHALL BE AS REQUIRED FOR REINSTALLATION AND STOCKPILE. SEE DRAWINGS.
- ALL PAVEMENT TO BE REMOVED SHALL BE SAW CUT ADJACENT TO EXISTING PAVEMENT TO REMAIN.
- CONTRACTOR SHALL HAND-EXCAVATE IN THE VICINITY OF ALL TREE ROOTS TO MINIMIZE DAMAGE TO EXISTING TREES TO REMAIN.
- PROTECT EXISTING TREES TO REMAIN ADJACENT TO WORK AREA.
- IF, IN ORDER TO PERFORM EXCAVATION WORK, IT BECOMES NECESSARY TO CUT ROOTS OF PLANTS TO BE SAVED, SUCH ROOTS SHALL BE CUT CLEANLY WITH SHARP TOOLS. ALL EXPOSED ROOTS SHALL BE BACKFILLED WITH PLANTING LOAM AND WATERED.
- CONTRACTOR SHALL KEEP CONSTRUCTION SITE AND MATERIALS STORAGE AREAS FENCED OFF TO THE PUBLIC AT ALL TIMES AND SHALL BE RESPONSIBLE FOR SECURING THE SITE AT NIGHT AND WHEN THERE ARE NO AUTHORIZED PERSONNEL PRESENT.
- CONTRACTOR SHALL BE FAMILIAR WITH EXISTING CONDITIONS AS SHOWN ON THE SURVEY AND SHALL REVIEW SOIL TESTING REPORT.
- CONTRACTOR SHALL CLEAN ALL DRAIN LINES AS FAR AS STREET CONNECTIONS.

PLOT DATE:
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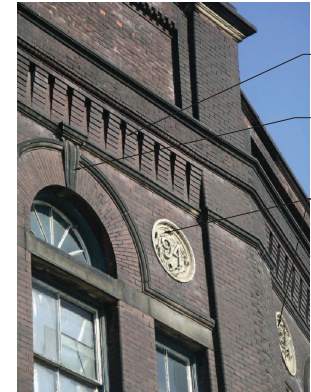
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EAGLE AVE CONCRETE ABUTMENT WALL



CHRISTIAN MISSION MONUMENT



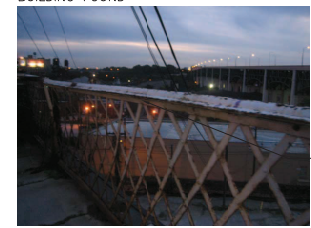
BROADWAY MILLS BUILDING



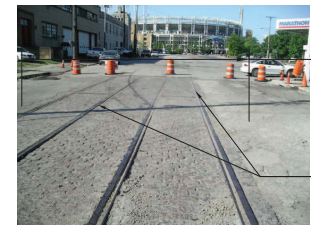
STONE PIER COLUMNS



STONE ABUTMENT WALL / BROADWAY MILLS BUILDING FOUND



FENCING ON STONE ABUTMENT WALL



MEDINA BLOCK PAVERS ON OLD CENTRAL VIADUCT WAY

CONCRETE ABUTMENT WALL AT EAGLE AVE TO REMAIN AND BE PROTECTED, SEE PHOTOGRAPH

EXISTING TREES ALONG CARNEGIE AVENUE TO REMAIN AND BE PROTECTED

CHRISTIAN MISSION MONUMENT TO BE REMOVED, PROTECTED AND REINSTALLED, SEE PHOTOGRAPH

SALVAGE DECORATIVE FRIEZE WORK INTACT

SALVAGE ALL KEY STONES

SALVAGE ALL MEDALLIONS

RAILING ON LORAIN-CARNEGIE BRIDGE TO REMAIN AND BE PROTECTED

MEDINA BLOCK PAVERS TO BE PROTECTED IN PLACE, SEE ANNOTATED PHOTOGRAPH

STONE PIER COLUMNS TO REMAIN AND BE PROTECTED

PROTECT STONE ABUTMENT WALL AND FENCING, SEE ANNOTATED PHOTOGRAPH

SALVAGE TO INCLUDE BUT NOT BE LIMITED TO BRICKWORK AND DECORATIVE ELEMENTS FROM EXISTING BUILDING, SEE BROADWAY MILLS BUILDING PHOTOGRAPH

BROADWAY MILLS BUILDING

STONE ABUTMENT WALL TO REMAIN AND BE PROTECTED ALONG EDGE OF BROADWAY MILLS BUILDING. REINFORCE AND STABILIZE AS REQUIRED BY DBT STRUCTURAL ENGINEER, REPOINT + RECONSTRUCT TO WEATHERPROOF CONDITION.
STONE ABUTMENT WALL TO REMAIN AND BE PROTECTED

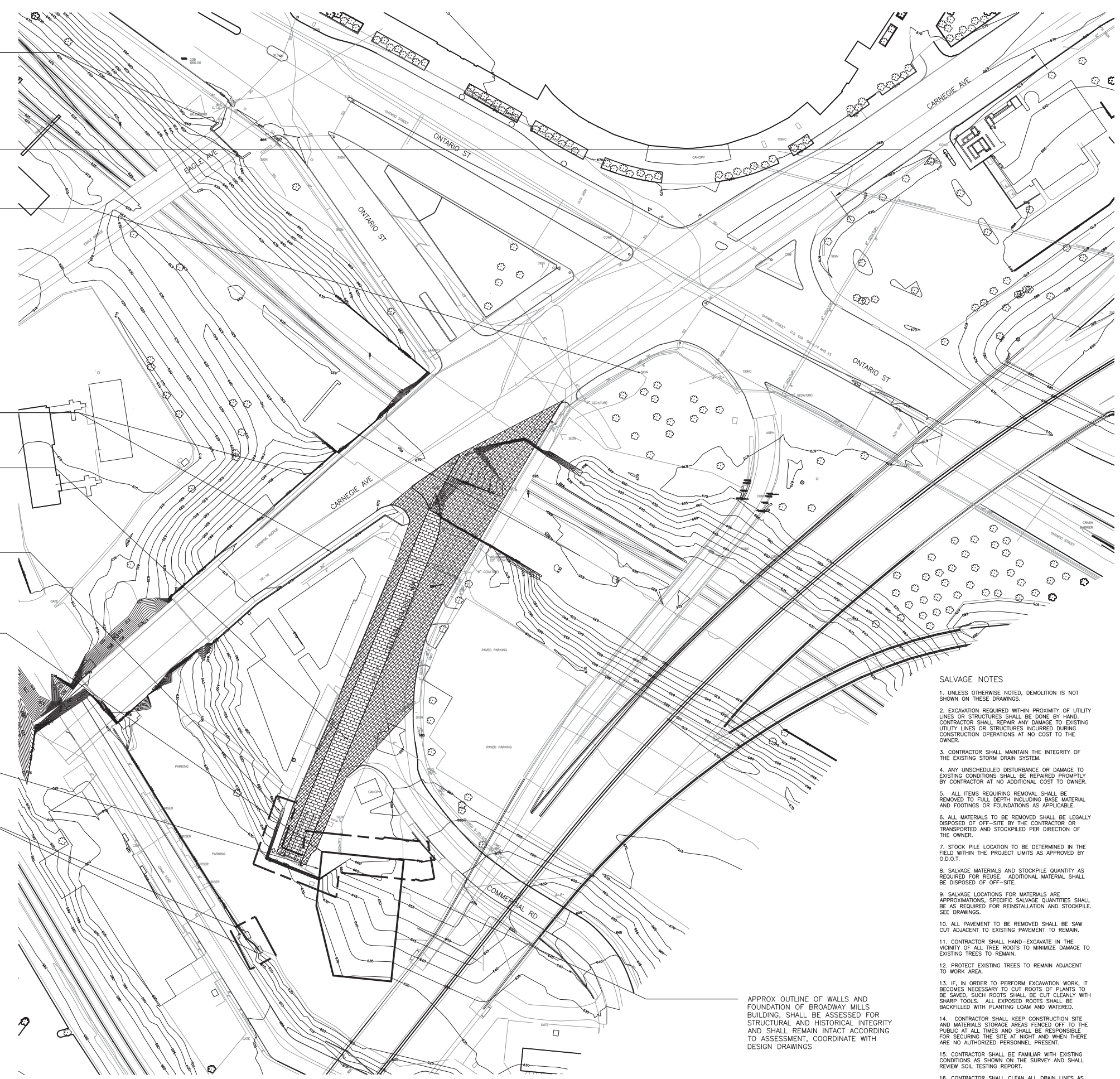
BROADWAY MILLS BUILDING FOUNDATION TO BE PRESERVED IN PLACE, SEE ANNOTATED PHOTOGRAPH

STONE PIER COLUMNS TO REMAIN AND BE PROTECTED, SEE ANNOTATED PHOTOGRAPH

FENCING TO BE REPAIRED, SCRAPED, AND PAINTED, NEW PANELS SHALL MATCH EXISTING

WIDTH OF MEDINA BLOCK PAVERS TO REMAIN AND BE PROTECTED, SEE PLANS FOR LOCATION AND DIMENSION, ALL AREAS OF PAVERS THAT ARE DETERIORATED SHALL BE REPAIRED OR REPLACED WITH STOCKPILED MEDINA BLOCK OR NEW STONE BLOCK TO MATCH EXISTING

RAILS TO REMAIN AND BE PROTECTED, REPAIR AND STABILIZE AT DIRECTION OF ENGINEER/OWNER



APPROX OUTLINE OF WALLS AND FOUNDATION OF BROADWAY MILLS BUILDING, SHALL BE ASSESSED FOR STRUCTURAL AND HISTORICAL INTEGRITY AND SHALL REMAIN INTACT ACCORDING TO ASSESSMENT, COORDINATE WITH DESIGN DRAWINGS

SALVAGE NOTES

1. UNLESS OTHERWISE NOTED, DEMOLITION IS NOT SHOWN ON THESE DRAWINGS.
2. EXCAVATION REQUIRED WITHIN PROXIMITY OF UTILITY LINES OR STRUCTURES SHALL BE DONE BY HAND. CONTRACTOR SHALL REPAIR ANY DAMAGE TO EXISTING UTILITY LINES OR STRUCTURES INCURRED DURING CONSTRUCTION OPERATIONS AT NO COST TO THE OWNER.
3. CONTRACTOR SHALL MAINTAIN THE INTEGRITY OF THE EXISTING STORM DRAIN SYSTEM.
4. ANY UNSCHEDULED DISTURBANCE OR DAMAGE TO EXISTING CONDITIONS SHALL BE REPAIRED PROMPTLY BY CONTRACTOR AT NO ADDITIONAL COST TO OWNER.
5. ALL ITEMS REQUIRING REMOVAL SHALL BE REMOVED TO FILL DEPTH INCLUDING BASE MATERIAL AND FOOTINGS OR FOUNDATIONS AS APPLICABLE.
6. ALL MATERIALS TO BE REMOVED SHALL BE LEGALLY DISPOSED OF OFF-SITE BY THE CONTRACTOR OR TRANSPORTED AND STOCKPILED PER DIRECTION OF THE OWNER.
7. STOCK PILE LOCATION TO BE DETERMINED IN THE FIELD WITHIN THE PROJECT LIMITS AS APPROVED BY O.D.O.T.
8. SALVAGE MATERIALS AND STOCKPILE QUANTITY AS REQUIRED FOR REUSE. ADDITIONAL MATERIAL SHALL BE DISPOSED OF OFF-SITE.
9. SALVAGE LOCATIONS FOR MATERIALS ARE APPROXIMATIONS. SPECIFIC SALVAGE QUANTITIES SHALL BE AS REQUIRED FOR REINSTALLATION AND STOCKPILE. SEE DRAWINGS.
10. ALL PAVEMENT TO BE REMOVED SHALL BE SAW CUT ADJACENT TO EXISTING PAVEMENT TO REMAIN.
11. CONTRACTOR SHALL HAND-EXCAVATE IN THE VICINITY OF ALL TREE ROOTS TO MINIMIZE DAMAGE TO EXISTING TREES TO REMAIN.
12. PROTECT EXISTING TREES TO REMAIN ADJACENT TO WORK AREA.
13. IF, IN ORDER TO PERFORM EXCAVATION WORK, IT BECOMES NECESSARY TO CUT ROOTS OF PLANTS TO BE SAVED, SUCH ROOTS SHALL BE CUT CLEANLY WITH SHARP TOOLS. ALL EXPOSED ROOTS SHALL BE BACKFILLED WITH PLANTING LOAM AND WATERED.
14. CONTRACTOR SHALL KEEP CONSTRUCTION SITE AND MATERIALS STORAGE AREAS FENCED OFF TO THE PUBLIC AT ALL TIMES AND SHALL BE RESPONSIBLE FOR SECURING THE SITE AT NIGHT AND WHEN THERE ARE NO AUTHORIZED PERSONNEL PRESENT.
15. CONTRACTOR SHALL BE FAMILIAR WITH EXISTING CONDITIONS AS SHOWN ON THE SURVEY AND SHALL REVIEW SOIL TESTING REPORT.
16. CONTRACTOR SHALL CLEAN ALL DRAIN LINES AS FAR AS STREET CONNECTIONS.

No.	Date	Revision



Key Plan

Job No.:	09110
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Date:	1/15/2010
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MATERIALS LEGEND

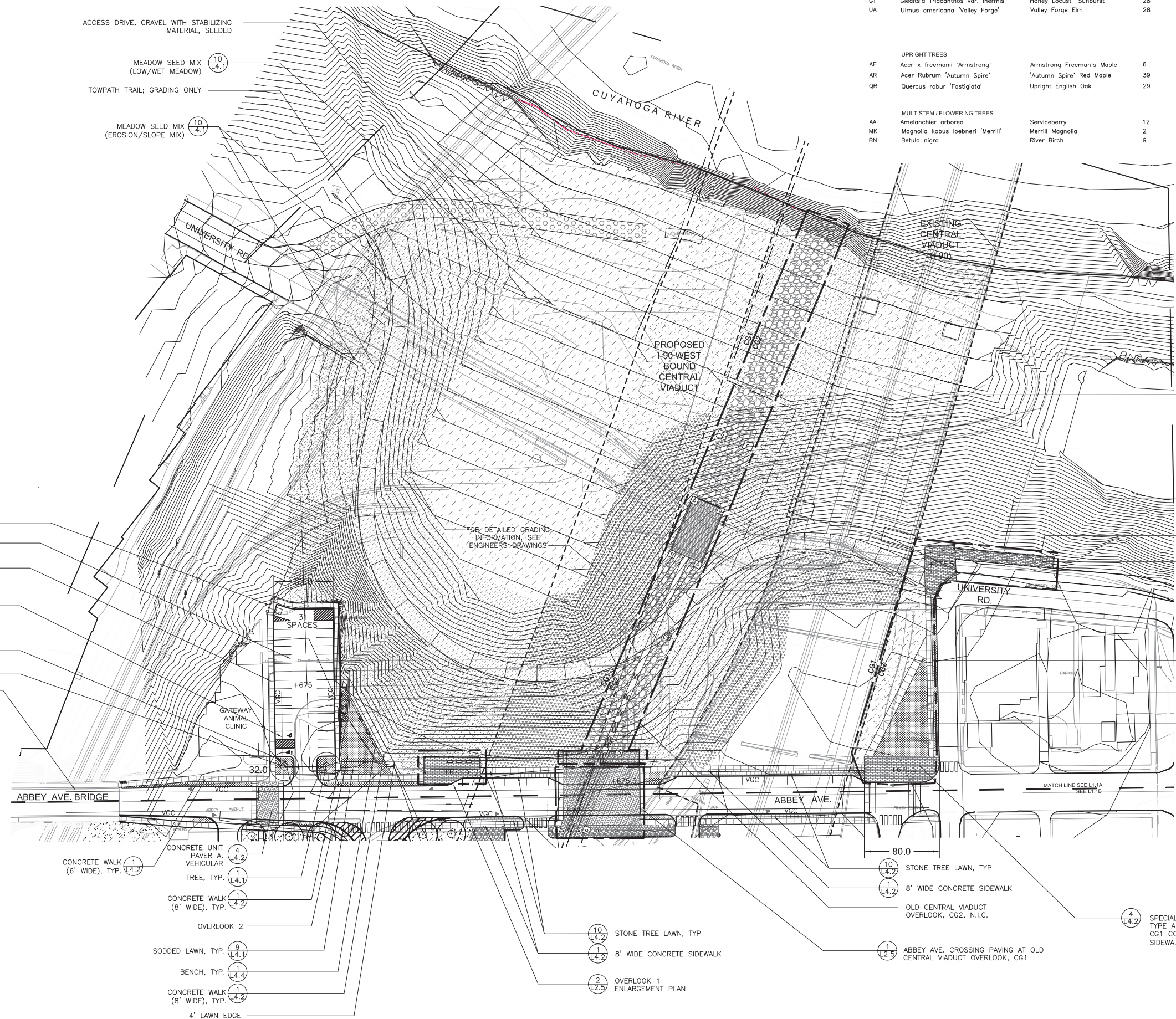
- BITUMINOUS CONCRETE PAVING (11/14.2)
- MEADOW PLANTING (10/14.1)
- LAWN PLANTING (9/14.1)
- RIP RAP (8/13.2)
- GRAVEL (1/14.2)
- STONE "TREETLAWN" / MORTARED STONE SLOPE (6/13.2)
- CONCRETE PAVING (1/14.2)
- KEYED STONE SLOPE (5/13.2)
- STABILIZED VEHICULAR PATH (13/14.2)
- MEDINA BLOCKS (EXISTING STONE PAVERS) (4/14.2)
- CONCRETE UNIT PAVER 'A' (1/14.4)
- METAL GRATE (1/14.1)
- BENCH (1/14.4)
- TREE PLANTING (1/14.1)
- ORNAMENTAL FENCE (2/14.3)
- CROSSWALK (3/12.2)
- RAILING (3/14.2)
- CURB (8/14.2)
- ACCESSIBLE RAMP TYPE 1 (9/14.2)
- ACCESSIBLE RAMP TYPE 2 (9/14.2)

- NOTES**
1. FOR ALL WORK RELATED TO BRIDGE, SEE CONTRACT DOCUMENTS.
 2. FOR ALL ROADWAY ALIGNMENTS AND MATERIALS (CURB TO CURB INCLUSIVE) SEE CONTRACT DOCUMENTS EXCEPT WHERE NOTED HEREIN.
 3. ABBEY AVE IMPROVEMENTS INCLUDE ALL IN-ROAD PAVING AND ENHANCEMENTS.
 4. ALL SLOPES GREATER THAN 4:1 SHALL BE PROTECTED. SLOPE PROTECTION SHALL INCLUDE, BUT NOT BE LIMITED TO, BIODEGRADABLE JUTE MESH CLOTH INSTALLED TO MANUFACTURER'S INSTRUCTIONS. UPON FINISH GRADING OF TOPSOIL, SLOPES SHALL BE HYDROSEEDED WITH MEADOW MIX AND COVERED IMMEDIATELY WITH SLOPE PROTECTION. WITHIN THE WEST BOUND 1.90 ALIGNMENT, PLANTING AND SLOPE PROTECTION SHALL BE INSTALLED AS A TEMPORARY MEASURE. UPON COMPLETION OF THE WEST BOUND STRUCTURE, RIP RAP SHALL BE INSTALLED BENEATH THE BRIDGE WHERE INDICATED.

- ORNAMENTAL FENCE (2/14.3)
- BITUMINOUS CONCRETE - VEH. (31 SPACES, 9'X18', TYP.) (11/14.2)
- CONCRETE WALK (6' WIDE), TYP. (1/14.2)
- PAVEMENT MARKING AND SIGNAGE (1/14.2)
- TREE, LAWN, TYP. (1/14.1)
- AR1(2)
- ABBAY AVE. BRIDGE IMPROVEMENTS. SEE ENGINEERS DRAWINGS (BRIDGE IS APPROX. 1100 FT. LONG)
- CONCRETE WALK (6' WIDE), TYP. (1/14.2)
- CONCRETE UNIT PAVER A, VEHICULAR (4/14.2)
- TREE, TYP. (1/14.1)
- CONCRETE WALK (8' WIDE), TYP. (1/14.2)
- OVERLOOK 2
- SODDED LAWN, TYP. (9/14.1)
- BENCH, TYP. (1/14.4)
- CONCRETE WALK (8' WIDE), TYP. (1/14.2)
- 4' LAWN EDGE

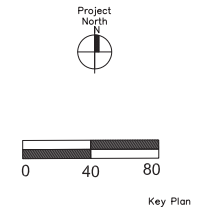
PLANT LIST FOR SHEETS L-1,1A - L-1,2C

SYMBOL	SCIENTIFIC NAME	COMMON NAME	QUANTITY	SIZE	REMARKS
AR1	Acer rubrum	Red Maple	48	4 - 6" cal.	B&B
GB	Ginkgo biloba	Ginkgo	10	4 - 6" cal.	B&B
GT	Gleditsia Triacanthos var. inermis	Honey Locust "Sunburst"	28	4 - 6" cal.	B&B
UA	Ulmus americana "Valley Forge"	Valley Forge Elm	28	4 - 6" cal.	B&B
UPRIGHT TREES					
AF	Acer x freemanii 'Armstrong'	Armstrong Freeman's Maple	6	4 - 6" cal.	B&B
AR	Acer Rubrum 'Autumn Spire'	'Autumn Spire' Red Maple	39	4 - 6" cal.	B&B
QR	Quercus robur 'Fastigiata'	Upright English Oak	29	4 - 6" cal.	B&B
MULTISTEM / FLOWERING TREES					
AA	Amelanchier arborea	Serviceberry	12	10-12 ft.	B&B, Multi-Stem
MK	Magnolia kobus loebneri 'Merril'	Merril Magnolia	2	15-20 ft.	B&B, Single-Stem
BN	Betula nigra	River Birch	9	15-20 ft.	B&B, Multi-Stem



25% DESIGN DOCUMENTS NOT FOR CONSTRUCTION

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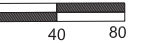


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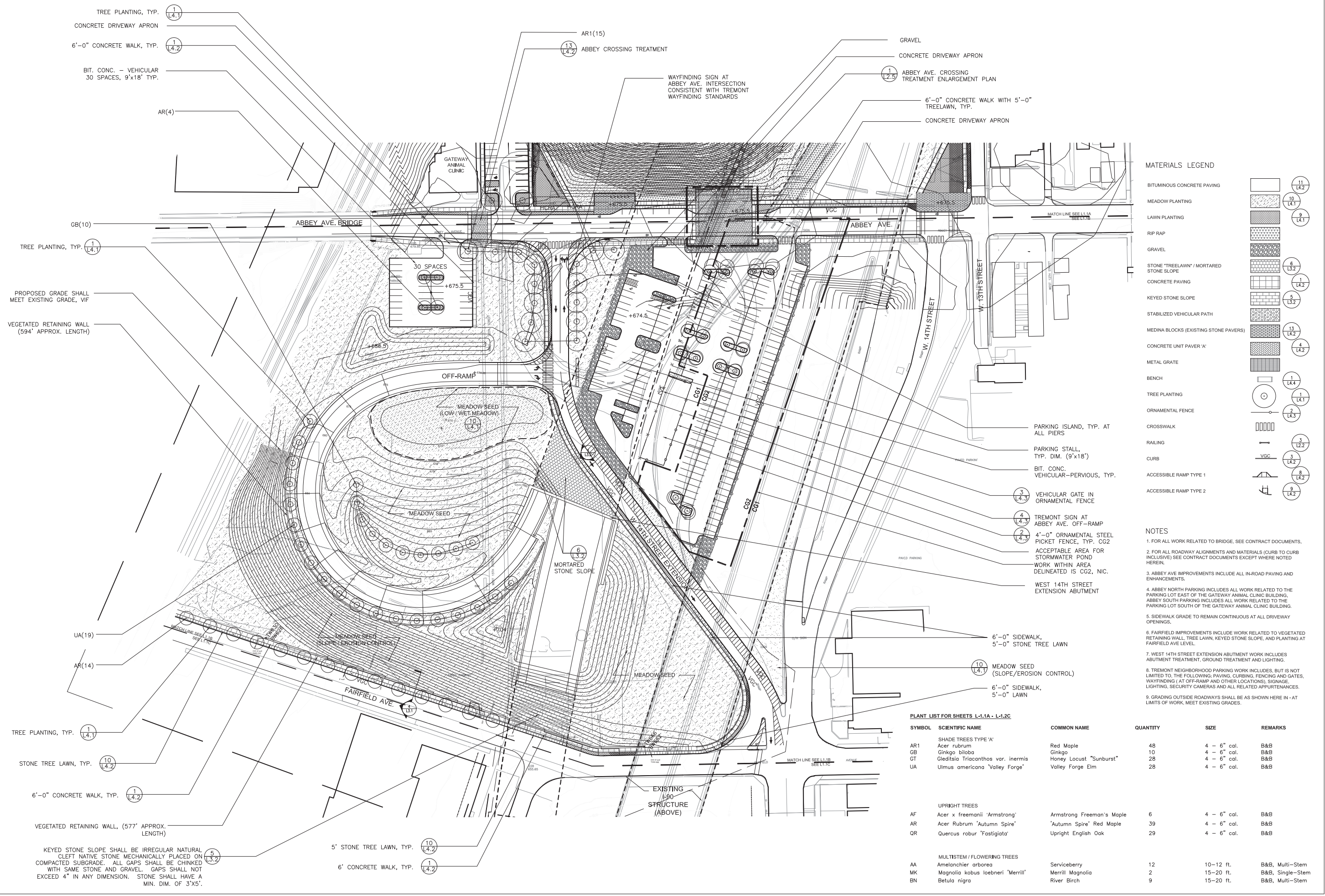
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Key Plan

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**Tremont Plan
L1.1B**



MATERIALS LEGEND

BITUMINOUS CONCRETE PAVING	(11) (L4.2)
MEADOW PLANTING	(10) (L4.1)
LAWN PLANTING	(9) (L4.1)
RIP RAP	(8) (L4.2)
GRAVEL	(7) (L4.2)
STONE 'TRELAWN' / MORTARED STONE SLOPE	(6) (L3.2)
CONCRETE PAVING	(5) (L4.2)
KEYED STONE SLOPE	(4) (L4.2)
STABILIZED VEHICULAR PATH	(3) (L2.2)
MEDINA BLOCKS (EXISTING STONE PAVERS)	(13) (L4.2)
CONCRETE UNIT PAVER 'A'	(4) (L4.2)
METAL GRATE	(1) (L4.4)
BENCH	(1) (L4.4)
TREE PLANTING	(1) (L4.1)
ORNAMENTAL FENCE	(2) (L4.3)
CROSSWALK	(3) (L2.2)
RAILING	(1) (L4.4)
CURB	(3) (L4.2)
ACCESSIBLE RAMP TYPE 1	(8) (L4.2)
ACCESSIBLE RAMP TYPE 2	(9) (L4.2)

- NOTES**
- FOR ALL WORK RELATED TO BRIDGE. SEE CONTRACT DOCUMENTS.
 - FOR ALL ROADWAY ALIGNMENTS AND MATERIALS (CURB TO CURB INCLUSIVE) SEE CONTRACT DOCUMENTS EXCEPT WHERE NOTED HEREIN.
 - ABBEE AVE IMPROVEMENTS INCLUDE ALL IN-ROAD PAVING AND ENHANCEMENTS.
 - ABBEE NORTH PARKING INCLUDES ALL WORK RELATED TO THE PARKING LOT EAST OF THE GATEWAY ANIMAL CLINIC BUILDING. ABBEE SOUTH PARKING INCLUDES ALL WORK RELATED TO THE PARKING LOT SOUTH OF THE GATEWAY ANIMAL CLINIC BUILDING.
 - SIDEWALK GRADE TO REMAIN CONTINUOUS AT ALL DRIVEWAY OPENINGS.
 - FAIRFIELD IMPROVEMENTS INCLUDE WORK RELATED TO VEGETATED RETAINING WALL, TREE LAWN, KEYED STONE SLOPE, AND PLANTING AT FAIRFIELD AVE LEVEL.
 - WEST 14TH STREET EXTENSION ABUTMENT WORK INCLUDES ABUTMENT TREATMENT, GROUND TREATMENT AND LIGHTING.
 - TREMONT NEIGHBORHOOD PARKING WORK INCLUDES, BUT IS NOT LIMITED TO, THE FOLLOWING: PAVING, CURBING, FENCING AND GATES, WAYFINDING (AT OFF-RAMP AND OTHER LOCATIONS), SIGNAGE, LIGHTING, SECURITY CAMERAS AND ALL RELATED APPURTENANCES.
 - GRADING OUTSIDE ROADWAYS SHALL BE AS SHOWN HERE IN - AT LIMITS OF WORK. MEET EXISTING GRADES.

PLANT LIST FOR SHEETS L-1.1A - L-1.2C

SYMBOL	SCIENTIFIC NAME	COMMON NAME	QUANTITY	SIZE	REMARKS
AR1	SHADE TREES TYPE 'A'				
AR1	<i>Acer rubrum</i>	Red Maple	48	4 - 6" cal.	B&B
GB	<i>Ginkgo biloba</i>	Ginkgo	10	4 - 6" cal.	B&B
GT	<i>Gleditsia Triacanthos var. inermis</i>	Honey Locust "Sunburst"	28	4 - 6" cal.	B&B
UA	<i>Ulmus americana "Valley Forge"</i>	Valley Forge Elm	28	4 - 6" cal.	B&B
UPRIGHT TREES					
AF	<i>Acer x freemanii "Armstrong"</i>	Armstrong Freeman's Maple	6	4 - 6" cal.	B&B
AR	<i>Acer Rubrum "Autumn Spire"</i>	'Autumn Spire' Red Maple	39	4 - 6" cal.	B&B
QR	<i>Quercus robur "Fastigiata"</i>	Upright English Oak	29	4 - 6" cal.	B&B
MULTISTEM / FLOWERING TREES					
AA	<i>Amelanchier arborea</i>	Serviceberry	12	10-12 ft.	B&B, Multi-Stem
MK	<i>Magnolia kobus loebneri "Merrill"</i>	Merrill Magnolia	2	15-20 ft.	B&B, Single-Stem
BN	<i>Betula nigra</i>	River Birch	9	15-20 ft.	B&B, Multi-Stem

TREE PLANTING, TYP. (1) (L4.1)

CONCRETE DRIVEWAY APRON

6'-0" CONCRETE WALK, TYP. (1) (L4.2)

BIT. CONC. - VEHICULAR 30 SPACES, 9'x18' TYP.

AR(4)

GB(10)

ABBEE AVE. BRIDGE

TREE PLANTING, TYP. (1) (L4.1)

PROPOSED GRADE SHALL MEET EXISTING GRADE, VIF

VEGETATED RETAINING WALL (594' APPROX. LENGTH)

OFF-RAMP

MEADOW SEED (LOW / WET MEADOW) (10) (L4.1)

MEADOW SEED

MORTARED STONE SLOPE

W 14TH STREET EXTENSION

FAIRFIELD AVE

TREE PLANTING, TYP. (1) (L4.1)

STONE TREE LAWN, TYP. (10) (L4.2)

6'-0" CONCRETE WALK, TYP. (1) (L4.2)

VEGETATED RETAINING WALL, (577' APPROX. LENGTH)

KEYED STONE SLOPE SHALL BE IRREGULAR NATURAL CLEFT NATIVE STONE MECHANICALLY PLACED ON COMPACTED SUBGRADE. ALL GAPS SHALL BE CHINKED WITH SAME STONE AND GRAVEL. GAPS SHALL NOT EXCEED 4" IN ANY DIMENSION. STONE SHALL HAVE A MIN. DIM. OF 3'x5".

5' STONE TREE LAWN, TYP. (10) (L4.2)

6' CONCRETE WALK, TYP. (1) (L4.2)

AR1(15)

ABBEE CROSSING TREATMENT (13) (L4.2)

WAYFINDING SIGN AT ABBEE AVE. INTERSECTION CONSISTENT WITH TREMONT WAYFINDING STANDARDS

GRAVEL

CONCRETE DRIVEWAY APRON

ABBEE AVE. CROSSING TREATMENT ENLARGEMENT PLAN (1) (L2.5)

6'-0" CONCRETE WALK WITH 5'-0" TREELAWN, TYP.

CONCRETE DRIVEWAY APRON

W 14TH STREET

W 13TH STREET

PARKING ISLAND, TYP. AT ALL PIERS

PARKING STALL, TYP. DIM. (9'x18')

BIT. CONC. VEHICULAR-PERVIOUS, TYP.

VEHICULAR GATE IN ORNAMENTAL FENCE (3) (L4.3)

TREMONT SIGN AT ABBEE AVE. OFF-RAMP (4) (L4.3)

4'-0" ORNAMENTAL STEEL PICKET FENCE, TYP. CG2 (2) (L4.3)

ACCEPTABLE AREA FOR STORMWATER POND WORK WITHIN AREA DELINEATED IS CG2, NIC.

WEST 14TH STREET EXTENSION ABUTMENT

6'-0" SIDEWALK, 5'-0" STONE TREE LAWN

MEADOW SEED (SLOPE/EROSION CONTROL) (10) (L4.1)

6'-0" SIDEWALK, 5'-0" LAWN

EXISTING L-90 STRUCTURE (ABOVE)

MATCH LINE SEE L1.1A

MATCH LINE SEE L1.1B

MATCH LINE SEE L1.1C

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MATCH LINE SEE L1.1E

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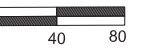
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**25% DESIGN DOCUMENTS
NOT FOR CONSTRUCTION**

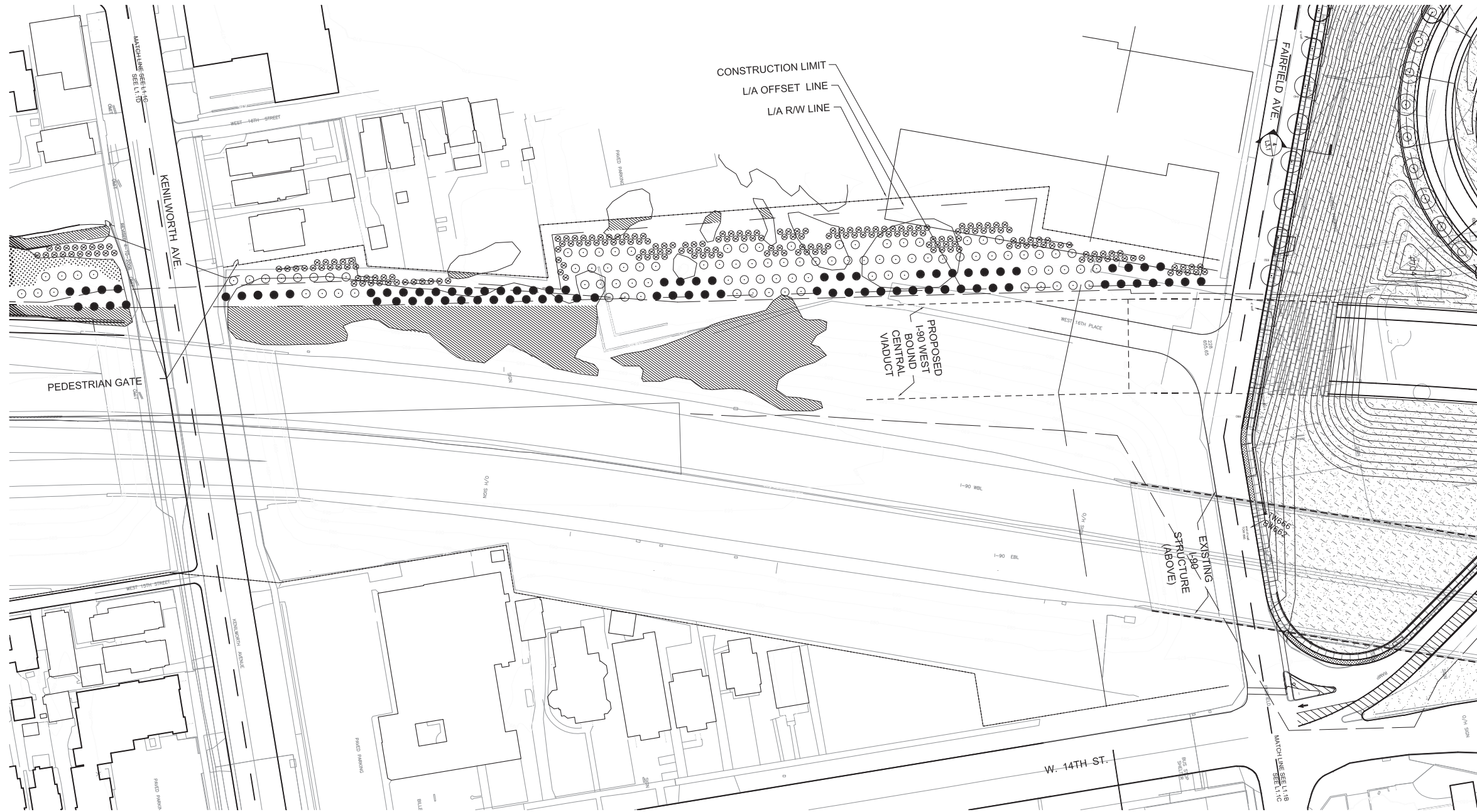
No. Date Revision



Key Plan

Job No.: 09110
Drawn By: DN, CR
Checked By: JB, SS
Date: 1/15/2010
Scale: 1"=40'-0"

**Tremont Plan
L1.1C**



PLANT LIST FOR SHEETS L-1.1C + L-1.1D

SYMBOL	SCIENTIFIC NAME	COMMON NAME	QUANTITY	SIZE	REMARKS
DECIDUOUS TREES					
AS	<i>Acer saccharum</i>	Sugar Maple	29	2" cal.	B&B
CL	<i>Crataegus laevigata</i>	Hawthorn	29	2" cal.	B&B
GT	<i>Gleditsia triacanthos</i> var. <i>inermis</i>	Honey Locust "Sunburst"	29	2" cal.	B&B
KP	<i>Koeleruteria paniculata</i>	Golden Rain Tree	29	2" cal.	B&B
MA	<i>Morus</i> sp.	Crabapple species	29	2" cal.	B&B
Qx	<i>Quercus</i> sp.	Oak species	29	2" cal.	B&B
TC	<i>Tilia cordata</i>	Littleleaf Linden	30	2" cal.	B&B
EVERGREEN TREES					
PN	<i>Pinus nigra</i>	Austrian Pine	83	4' - 5' ht.	B&B
PP	<i>Pinus pungens</i>	Blue Spruce	84	4' - 5' ht.	B&B
SHRUBS					
Sx	<i>Syringa x prestoniae</i> 'Donald Wyman'	Donald Wyman Lilac	62	4-5 ft.	Container
Vx	<i>Viburnum</i> sp.	<i>Viburnum</i> species.	64	5 Gal.	Container

VEGETATIVE SCREENING IN LIEU OF NOISE BARRIERS

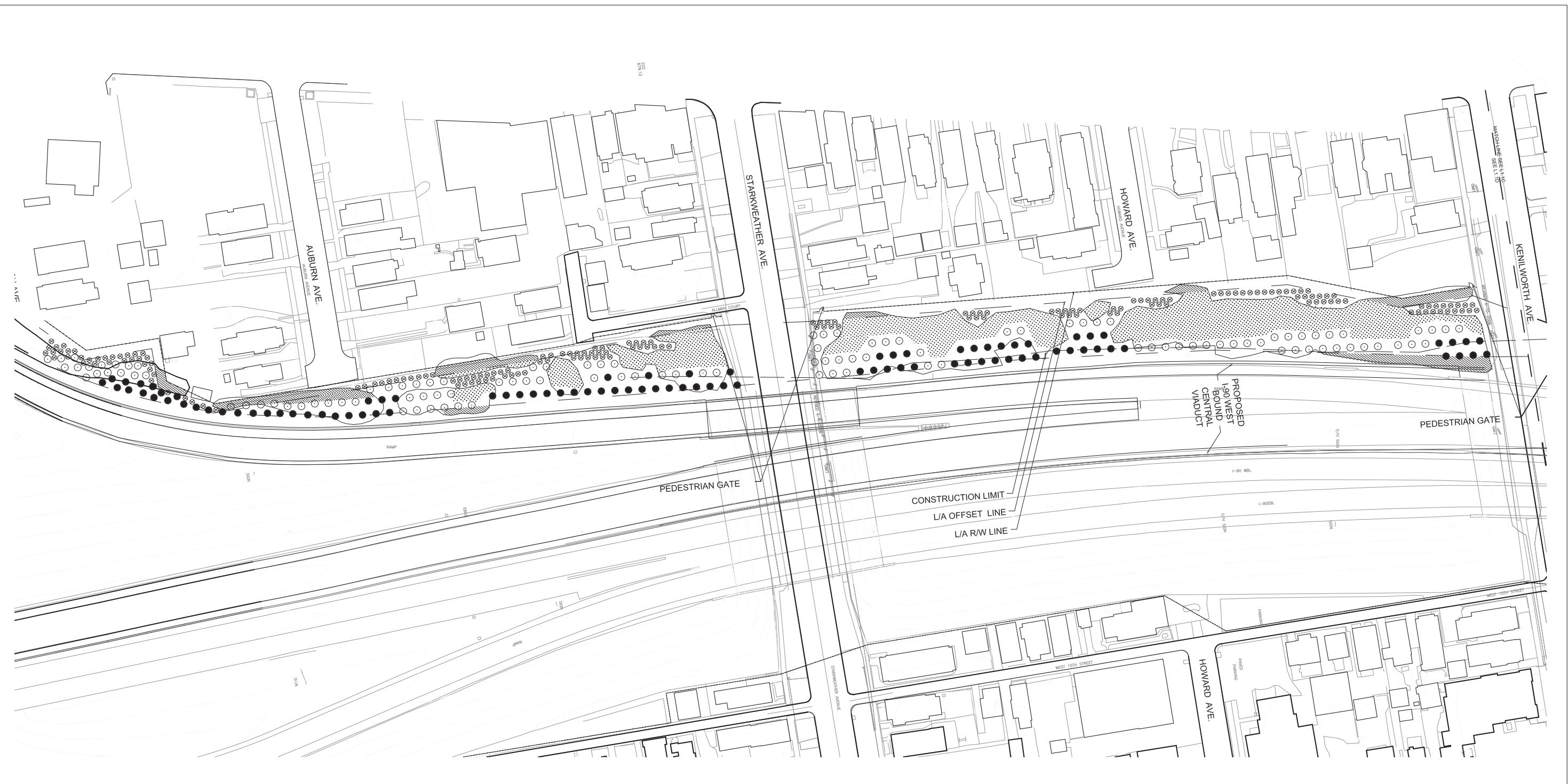
NOTE:
1. VEGETATION IN LIEU OF A NOISE BARRIER IS INTENDED TO PROVIDE PSYCHOLOGICAL RELIEF AND IS NOT INTENDED AS A NOISE ABATEMENT MEASURE. THE PROVIDED DRAWING IS THE PRESCRIBED DESIGN FOR VEGETATIVE SCREENING BETWEEN IR-490 AND UNIVERSITY AVENUE.
2. NO TREES CAN BE PLANTED WITHIN 15- FEET OF THE GUARDRAIL ADJACENT TO ROADWAY.
3. PROVIDE A 3-FOOT CLEAR ZONE ALONG THE L/A FENCE. A ROW OF ORNAMENTAL PLANTS WILL BE PLANTED PARALLEL TO THE L/A FENCE. THE ORNAMENTAL PLANTS WILL BE A MIXTURE OF LILACS AND VIBURNUM.
4. ALL AREAS OUTSIDE OF THE CLEAR ZONES DEFINED ABOVE AND WITHIN THE CONSTRUCTION LIMITS FOR THE ROADWAY SHALL BE PLANTED WITH TREES. PLACE TREES IN AN OFFSET PATTERN WITH ROW 15-FOOT APART AND 15-FOOT ON CENTER. PLANT TREES IN SINGLE SPECIES MASSES OF AT LEAST 15 TREES.
5. DEAD AND POTENTIALLY HAZARDOUS TREES ARE TO BE REMOVED FROM THE AREA OUTSIDE OF THE ROADWAY CONSTRUCTION LIMITS YET WITHIN THE EXISTING LIMITED ACCESS OF IR-90 BETWEEN BRANCH AVENUE AND KENILWORTH AVENUE. ONE REPLACEMENT TREE WILL BE PLANTED FOR EACH TREE REMOVED.
6. A 2-FOOT WIDE FLAT AREA INSIDE THE L/A FENCE PARALLEL TO STARKWEATHER AVENUE AND KENILWORTH AVENUE IN ALL 4 QUADRANTS OF EACH BRIDGE, (8 SITES), THE LOCAL GARDENING CLUB WILL MAINTAIN FLOWER GARDENS IN THESE LOCATIONS. NO PLANTING, MULCHING, OR MAINTENANCE BY ODOT.
7. NO-MOW GRASS SHALL BE USED ON ALL AREAS SOUTH OF FAIRFIELD AVE.

LEGEND

- L/A R/W LINE
- CONSTRUCTION LIMITS
- OFFSET LINE
- ⊗ DECIDUOUS SHRUB
- EVERGREEN TREE
- DECIDUOUS TREE
- ▨ EXISTING VEGETATION TO REMOVE
- ▨ EXISTING VEGETATION TO IMPROVE

PLOT DATE:
FILE NAME:
XREF FILES:

25% DESIGN DOCUMENTS
NOT FOR CONSTRUCTION



PLANT LIST FOR SHEETS L-1.1C + L-1.1D

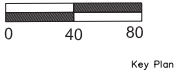
SYMBOL	SCIENTIFIC NAME	COMMON NAME	QUANTITY	SIZE	REMARKS
DECIDUOUS TREES					
AS	<i>Acer saccharum</i>	Sugar Maple	29	2" cal.	B&B
CL	<i>Crataegus laevigata</i>	Hawthorn	29	2" cal.	B&B
GT	<i>Gleditsia triacanthos</i> var. <i>inermis</i>	Honey Locust "Sunburst"	29	2" cal.	B&B
KP	<i>Koeleruteria paniculata</i>	Golden Rain Tree	29	2" cal.	B&B
MA	<i>Malus</i> sp.	Crabapple species	29	2" cal.	B&B
Qx	<i>Quercus</i> sp.	Oak species	29	2" cal.	B&B
TC	<i>Tilia cordata</i>	Littleleaf Linden	30	2" cal.	B&B
EVERGREEN TREES					
PN	<i>Pinus nigra</i>	Austrian Pine	83	4' - 5' ht.	B&B
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SHRUBS					
Sx	<i>Syringa x prestoniae</i> 'Donald Wyman'	Donald Wyman Lilac	62	4-5 ft.	Container
Vx	<i>Viburnum</i> sp.	Viburnum species.	64	5 Gal.	Container

VEGETATIVE SCREENING IN LIEU OF NOISE BARRIERS

NOTE:
1. VEGETATION IN LIEU OF A NOISE BARRIER IS INTENDED TO PROVIDE PSYCHOLOGICAL RELIEF AND IS NOT INTENDED AS A NOISE ABATEMENT MEASURE. THE PROVIDED DRAWING IS THE PRESCRIBED DESIGN FOR VEGETATIVE SCREENING BETWEEN IR-490 AND UNIVERSITY AVENUE.
2. NO TREES CAN BE PLANTED WITHIN 15- FEET OF THE GUARDRAIL ADJACENT TO ROADWAY.
3. PROVIDE A 3-FOOT CLEAR ZONE ALONG THE L/A FENCE. A ROW OF ORNAMENTAL PLANTS WILL BE PLANTED PARALLEL TO THE L/A FENCE. THE ORNAMENTAL PLANTS WILL BE A MIXTURE OF LILACS AND VIBURNUM.
4. ALL AREAS OUTSIDE OF THE CLEAR ZONES DEFINED ABOVE AND WITHIN THE CONSTRUCTION LIMITS FOR THE ROADWAY SHALL BE PLANTED WITH TREES. PLACE TREES IN AN OFFSET PATTERN WITH ROW 15-FOOT APART AND 15-FOOT ON CENTER. PLANT TREES IN SINGLE SPECIES MASSES OF AT LEAST 15 TREES.
5. DEAD AND POTENTIALLY HAZARDOUS TREES ARE TO BE REMOVED FROM THE AREA OUTSIDE OF THE ROADWAY CONSTRUCTION LIMITS YET WITHIN THE EXISTING LIMITED ACCESS OF IR-90 BETWEEN BRANCH AVENUE AND KENILWORTH AVENUE. ONE REPLACEMENT TREE WILL BE PLANTED FOR EACH TREE REMOVED.
6. A 2-FOOT WIDE FLAT AREA INSIDE THE L/A FENCE PARALLEL TO STARKWEATHER AVENUE AND KENILWORTH AVENUE IN ALL 4 QUADRANTS OF EACH BRIDGE (8 SITES). THE LOCAL GARDENING CLUB WILL MAINTAIN FLOWER GARDENS IN THESE LOCATIONS. NO PLANTING, MULCHING, OR MAINTENANCE BY ODOT.
7. NO-MOW GRASS SHALL BE USED ON ALL AREAS SOUTH OF FAIRFIELD AVE.

- LEGEND**
- L/A R/W LINE
 - CONSTRUCTION LIMITS
 - OFFSET LINE
 - ⊗ DECIDUOUS SHRUB
 - EVERGREEN TREE
 - DECIDUOUS TREE
 - ▨ EXISTING VEGETATION TO REMOVE
 - ▤ EXISTING VEGETATION TO IMPROVE

No.	Date	Revision



Job No.:	09110
Drawn By:	DL CR
Checked By:	JB SS
Date:	1/15/2010
Scale:	1"=40'-0"

**25% DESIGN DOCUMENTS
NOT FOR CONSTRUCTION**

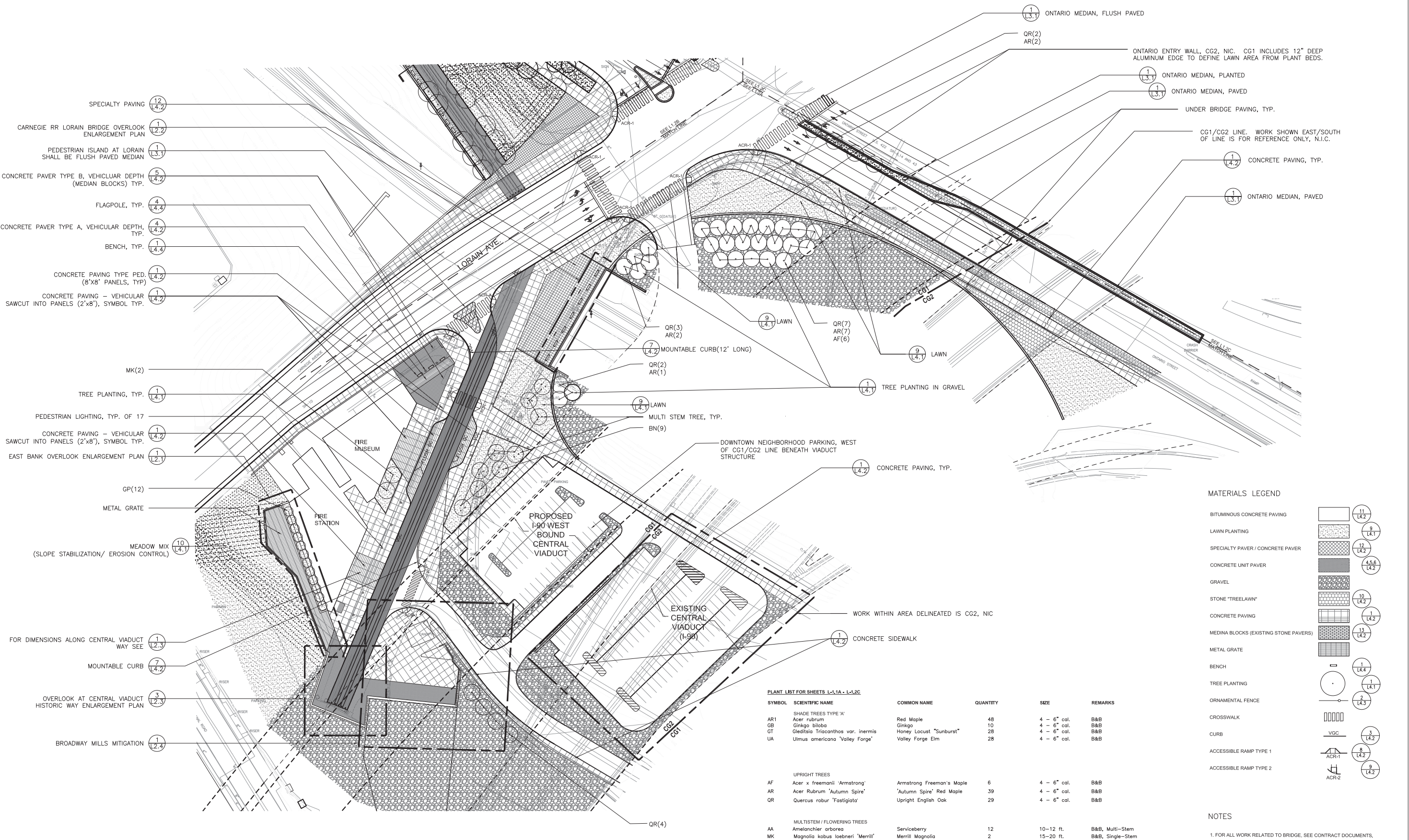
No. Date Revision



Key Plan

Job No.: 09110
Drawn By: DN, CR
Checked By: JB, SS
Date: 1/15/2010
Scale: 1"=40'-0"

**Gateway Plan
L1.2A**



- SPECIALTY PAVING (12) (L4.2)
- CARNEGIE RR LORAIN BRIDGE OVERLOOK ENLARGEMENT PLAN (1) (L2.2)
- PEDESTRIAN ISLAND AT LORAIN SHALL BE FLUSH PAVED MEDIAN (1) (L3.1)
- CONCRETE PAVER TYPE B, VEHICULAR DEPTH (MEDIAN BLOCKS) TYP. (5) (L4.2)
- FLAGPOLE, TYP. (4) (L4.4)
- CONCRETE PAVER TYPE A, VEHICULAR DEPTH, TYP. (4) (L4.2)
- BENCH, TYP. (1) (L4.4)
- CONCRETE PAVING TYPE PED. (8'x8') PANELS, TYP. (1) (L4.2)
- CONCRETE PAVING - VEHICULAR SAWCUT INTO PANELS (2'x8'), SYMBOL TYP. (1) (L4.2)
- MK(2)
- TREE PLANTING, TYP. (1) (L4.1)
- PEDESTRIAN LIGHTING, TYP. OF 17 (1) (L4.2)
- CONCRETE PAVING - VEHICULAR SAWCUT INTO PANELS (2'x8'), SYMBOL TYP. (1) (L4.2)
- EAST BANK OVERLOOK ENLARGEMENT PLAN (1) (L2.1)
- GP(12)
- METAL GRATE
- MEADOW MIX (SLOPE STABILIZATION/ EROSION CONTROL) (10) (L4.1)
- FOR DIMENSIONS ALONG CENTRAL VIADUCT WAY SEE (1) (L2.3)
- MOUNTABLE CURB (7) (L4.2)
- OVERLOOK AT CENTRAL VIADUCT HISTORIC WAY ENLARGEMENT PLAN (3) (L2.3)
- BROADWAY MILLS MITIGATION (1) (L2.4)

MATERIALS LEGEND

- BITUMINOUS CONCRETE PAVING (11) (L4.2)
- LAWN PLANTING (9) (L4.1)
- SPECIALTY PAVER / CONCRETE PAVER (12) (L4.2)
- CONCRETE UNIT PAVER (4,5,6) (L4.2)
- GRAVEL (10) (L4.2)
- STONE "TREETLAWN" (1) (L4.2)
- CONCRETE PAVING (13) (L4.2)
- MEDINA BLOCKS (EXISTING STONE PAVERS)
- METAL GRATE (1) (L4.4)
- BENCH (1) (L4.1)
- TREE PLANTING (2) (L4.3)
- ORNAMENTAL FENCE
- CROSSWALK
- CURB (3) (L4.2)
- ACCESSIBLE RAMP TYPE 1 (8) (L4.2)
- ACCESSIBLE RAMP TYPE 2 (9) (L4.2)

PLANT LIST FOR SHEETS L-1.1A - L-1.2C

SYMBOL	SCIENTIFIC NAME	COMMON NAME	QUANTITY	SIZE	REMARKS
SHADE TREES TYPE 'A'					
AR1	<i>Acer rubrum</i>	Red Maple	48	4 - 6" cal.	B&B
GB	<i>Ginkgo biloba</i>	Ginkgo	10	4 - 6" cal.	B&B
GT	<i>Gleditsia triacanthos</i> var. <i>inermis</i>	Honey Locust "Sunburst"	28	4 - 6" cal.	B&B
UA	<i>Ulmus americana</i> 'Valley Forge'	Valley Forge Elm	28	4 - 6" cal.	B&B
UPRIGHT TREES					
AF	<i>Acer x freemanii</i> 'Armstrong'	Armstrong Freeman's Maple	6	4 - 6" cal.	B&B
AR	<i>Acer Rubrum</i> 'Autumn Spire'	'Autumn Spire' Red Maple	39	4 - 6" cal.	B&B
QR	<i>Quercus robur</i> 'Fastigiata'	Upright English Oak	29	4 - 6" cal.	B&B
MULTISTEM / FLOWERING TREES					
AA	<i>Amelanchier arborea</i>	Serviceberry	12	10-12 ft.	B&B, Multi-Stem
MK	<i>Magnolia kobus</i> loebneri 'Merrill'	Merrill Magnolia	2	15-20 ft.	B&B, Single-Stem
BN	<i>Betula nigra</i>	River Birch	9	15-20 ft.	B&B, Multi-Stem

NOTES

1. FOR ALL WORK RELATED TO BRIDGE, SEE CONTRACT DOCUMENTS.
2. FOR ALL ROADWAY ALIGNMENTS AND MATERIALS (CURB TO CURB INCLUSIVE) SEE CONTRACT DOCUMENTS EXCEPT WHERE NOTED HEREIN.
3. FOR SPECIFIC WORK ON CENTRAL VIADUCT HISTORIC WAY, SEE SHEET L-2.3

PLOT DATE:
FILE NAME:
XREF FILES:

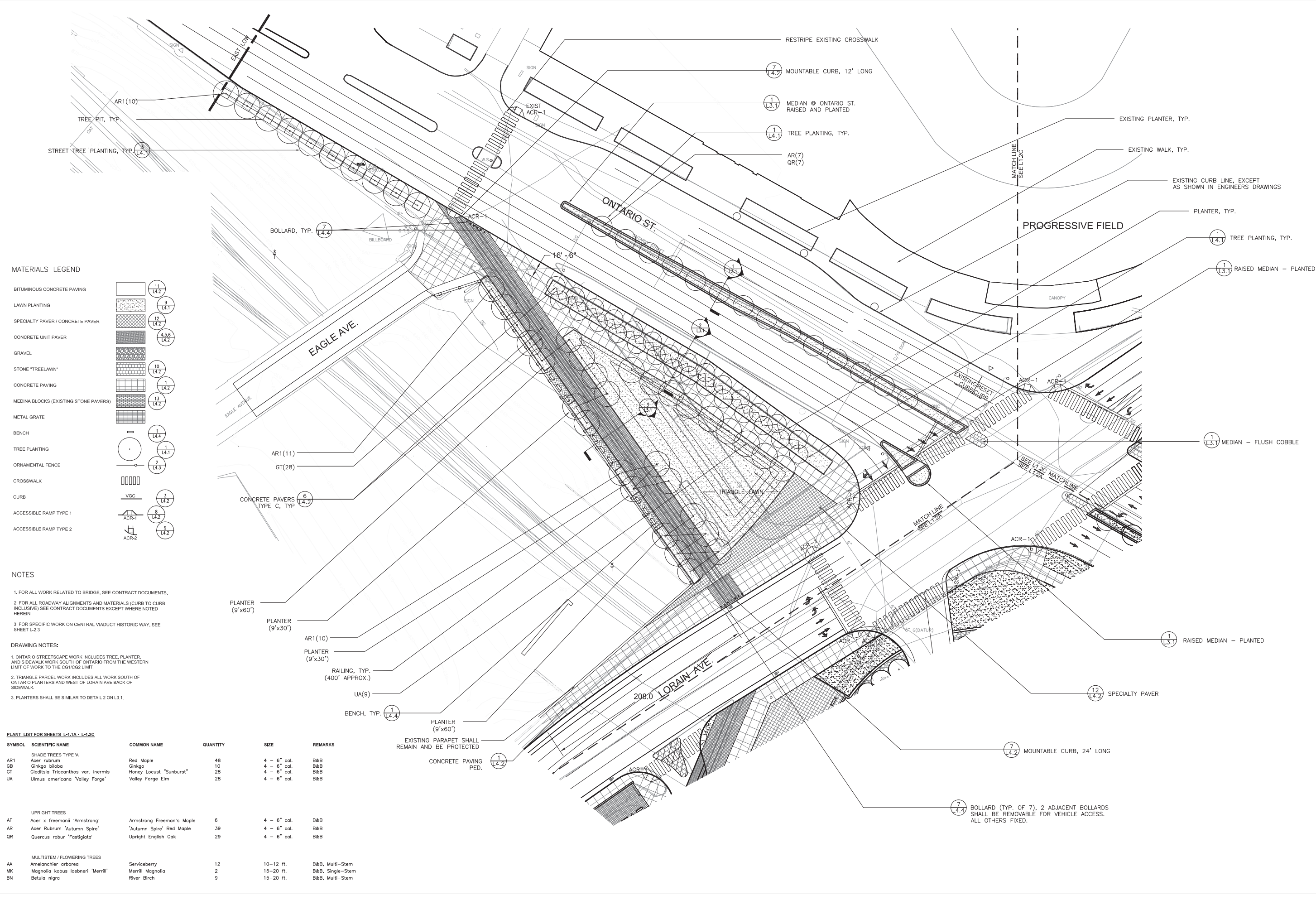
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No. Date Revision



Key Plan

Job No.: 09110
Drawn By: DL CR
Checked By: JB SS
Date: 1/15/2010
Scale: 1"=30'-0"



MATERIALS LEGEND

- BITUMINOUS CONCRETE PAVING
- LAWN PLANTING
- SPECIALTY PAVER / CONCRETE PAVER
- CONCRETE UNIT PAVER
- GRAVEL
- STONE "TRELAWN"
- CONCRETE PAVING
- MEDINA BLOCKS (EXISTING STONE PAVERS)
- METAL GRATE
- BENCH
- TREE PLANTING
- ORNAMENTAL FENCE
- CROSSWALK
- CURB
- ACCESSIBLE RAMP TYPE 1
- ACCESSIBLE RAMP TYPE 2

NOTES

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- FOR ALL ROADWAY ALIGNMENTS AND MATERIALS (CURB TO CURB INCLUSIVE) SEE CONTRACT DOCUMENTS EXCEPT WHERE NOTED HEREIN.
- FOR SPECIFIC WORK ON CENTRAL VIADUCT HISTORIC WAY, SEE SHEET L-2.3.

DRAWING NOTES:

- ONTARIO STREETScape WORK INCLUDES TREE, PLANTER, AND SIDEWALK WORK SOUTH OF ONTARIO FROM THE WESTERN LIMIT OF WORK TO THE CG1/CG2 LIMIT.
- TRIANGLE PARCEL WORK INCLUDES ALL WORK SOUTH OF ONTARIO PARCELS AND WEST OF LORAIN AVE BACK OF SIDEWALK.
- PLANTERS SHALL BE SIMILAR TO DETAIL 2 ON L3.1.

PLANT LIST FOR SHEETS L-1.1A - L-1.2C

SYMBOL	SCIENTIFIC NAME	COMMON NAME	QUANTITY	SIZE	REMARKS
AR1	SHADE TREES TYPE 'A'				
AR	<i>Acer rubrum</i>	Red Maple	48	4 - 6" cal.	B&B
GB	<i>Ginkgo biloba</i>	Ginkgo	10	4 - 6" cal.	B&B
GT	<i>Gleditsia Triacanthos var. inermis</i>	Honey Locust "Sunburst"	28	4 - 6" cal.	B&B
UA	<i>Ulmus americana "Valley Forge"</i>	Valley Forge Elm	28	4 - 6" cal.	B&B
UPRIGHT TREES					
AF	<i>Acer x freemanii "Armstrong"</i>	Armstrong Freeman's Maple	6	4 - 6" cal.	B&B
AR	<i>Acer Rubrum "Autumn Spire"</i>	'Autumn Spire' Red Maple	39	4 - 6" cal.	B&B
QR	<i>Quercus robur "Fastigiata"</i>	Upright English Oak	29	4 - 6" cal.	B&B
MULTISTEM / FLOWERING TREES					
AA	<i>Amelanchier arborea</i>	Serviceberry	12	10-12 ft.	B&B, Multi-Stem
MK	<i>Magnolia kobus loebneri "Merrill"</i>	Merrill Magnolia	2	15-20 ft.	B&B, Single-Stem
BN	<i>Betula nigra</i>	River Birch	9	15-20 ft.	B&B, Multi-Stem

PLOT DATE:
FILE NAME:
XREF FILES:

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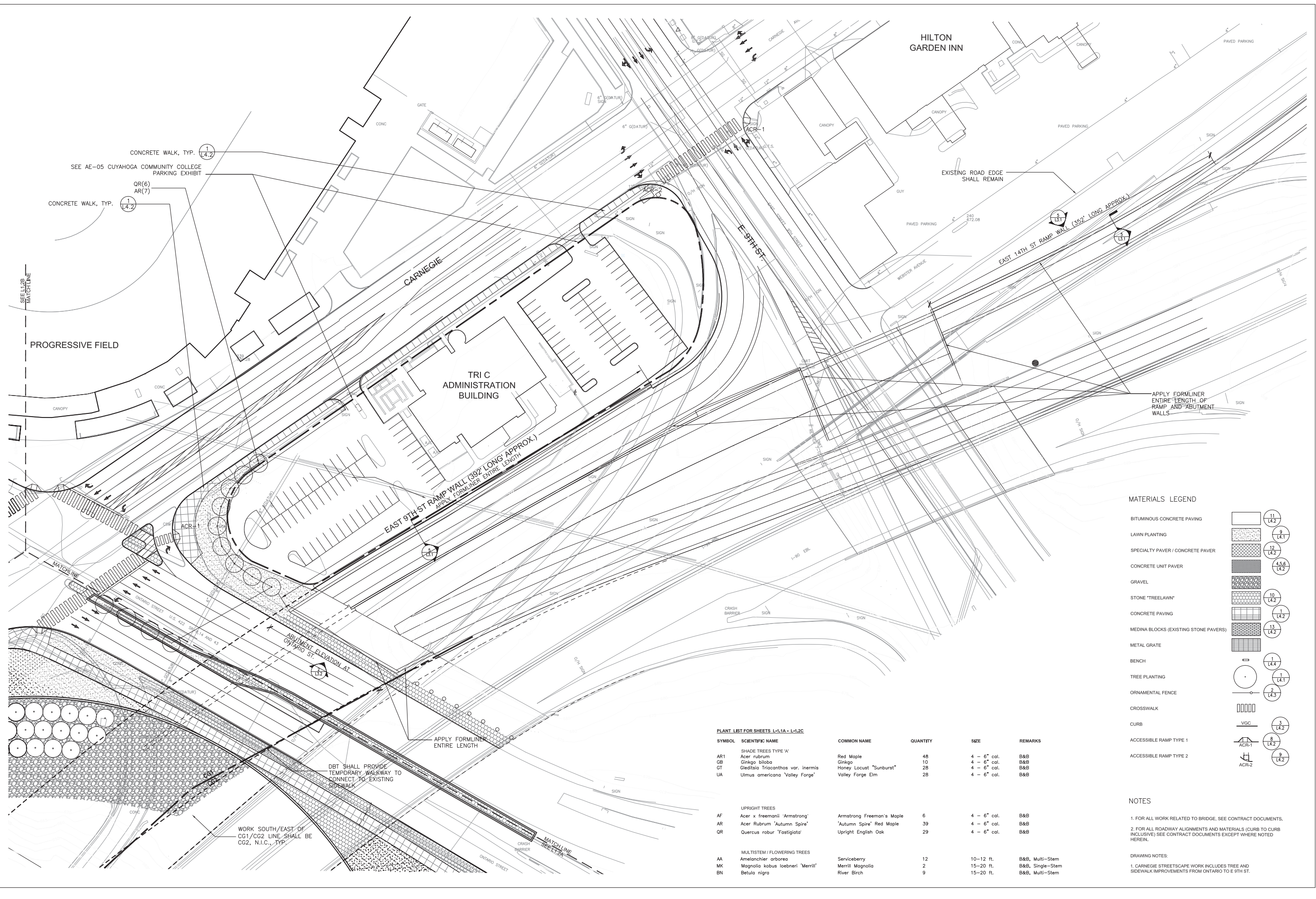
No. Date Revision



Key Plan

Job No.: 09110
Drawn By: DN, CR
Checked By: JB, SS
Date: 1/15/2010
Scale: 1"=30'-0"

**Gateway Plan
L1.2C**



MATERIALS LEGEND

BITUMINOUS CONCRETE PAVING		11 L4.2
LAWN PLANTING		9 L4.1
SPECIALTY PAVER / CONCRETE PAVER		12 L4.2
CONCRETE UNIT PAVER		4,5,6 L4.2
GRAVEL		10 L4.2
STONE "TREETLAWN"		10 L4.2
CONCRETE PAVING		1 L4.2
MEDINA BLOCKS (EXISTING STONE PAVERS)		13 L4.2
METAL GRATE		
BENCH		1 L4.4
TREE PLANTING		1 L4.1
ORNAMENTAL FENCE		2 L4.3
CROSSWALK		
CURB		VGC 3 L4.2
ACCESSIBLE RAMP TYPE 1		8 L4.2
ACCESSIBLE RAMP TYPE 2		9 L4.2

PLANT LIST FOR SHEETS L-1.1A - L-1.2C

SYMBOL	SCIENTIFIC NAME	COMMON NAME	QUANTITY	SIZE	REMARKS
AR1	SHADE TREES TYPE 'A' Acer rubrum	Red Maple	48	4 - 6" cal.	B&B
GB	Ginkgo biloba	Ginkgo	10	4 - 6" cal.	B&B
GT	Gleditsia Triacanthos var. inermis	Honey Locust "Sunburst"	28	4 - 6" cal.	B&B
UA	Ulmus americana "Valley Forge"	"Valley Forge Elm"	28	4 - 6" cal.	B&B
UPRIGHT TREES					
AF	Acer x freemanii 'Armstrong'	Armstrong Freeman's Maple	6	4 - 6" cal.	B&B
AR	Acer Rubrum 'Autumn Spire'	'Autumn Spire' Red Maple	39	4 - 6" cal.	B&B
QR	Quercus robur 'Fastigiata'	Upright English Oak	29	4 - 6" cal.	B&B
MULTISTEM / FLOWERING TREES					
AA	Amelanchier arborea	Serviceberry	12	10-12 ft.	B&B, Multi-Stem
MK	Magnolia kobus loebneri 'Merrill'	Merrill Magnolia	2	15-20 ft.	B&B, Single-Stem
BN	Betula nigra	River Birch	9	15-20 ft.	B&B, Multi-Stem

NOTES

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 - FOR ALL ROADWAY ALIGNMENTS AND MATERIALS (CURB TO CURB INCLUSIVE) SEE CONTRACT DOCUMENTS EXCEPT WHERE NOTED HEREIN.
- DRAWING NOTES:
1. CARNEGIE STREETSCAPE WORK INCLUDES TREE AND SIDEWALK IMPROVEMENTS FROM ONTARIO TO E 9TH ST.

PLOT DATE:
FILE NAME:
XREF FILES:

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No.	Date	Revision

Key Plan

Job No.: 09110

Drawn By: DN

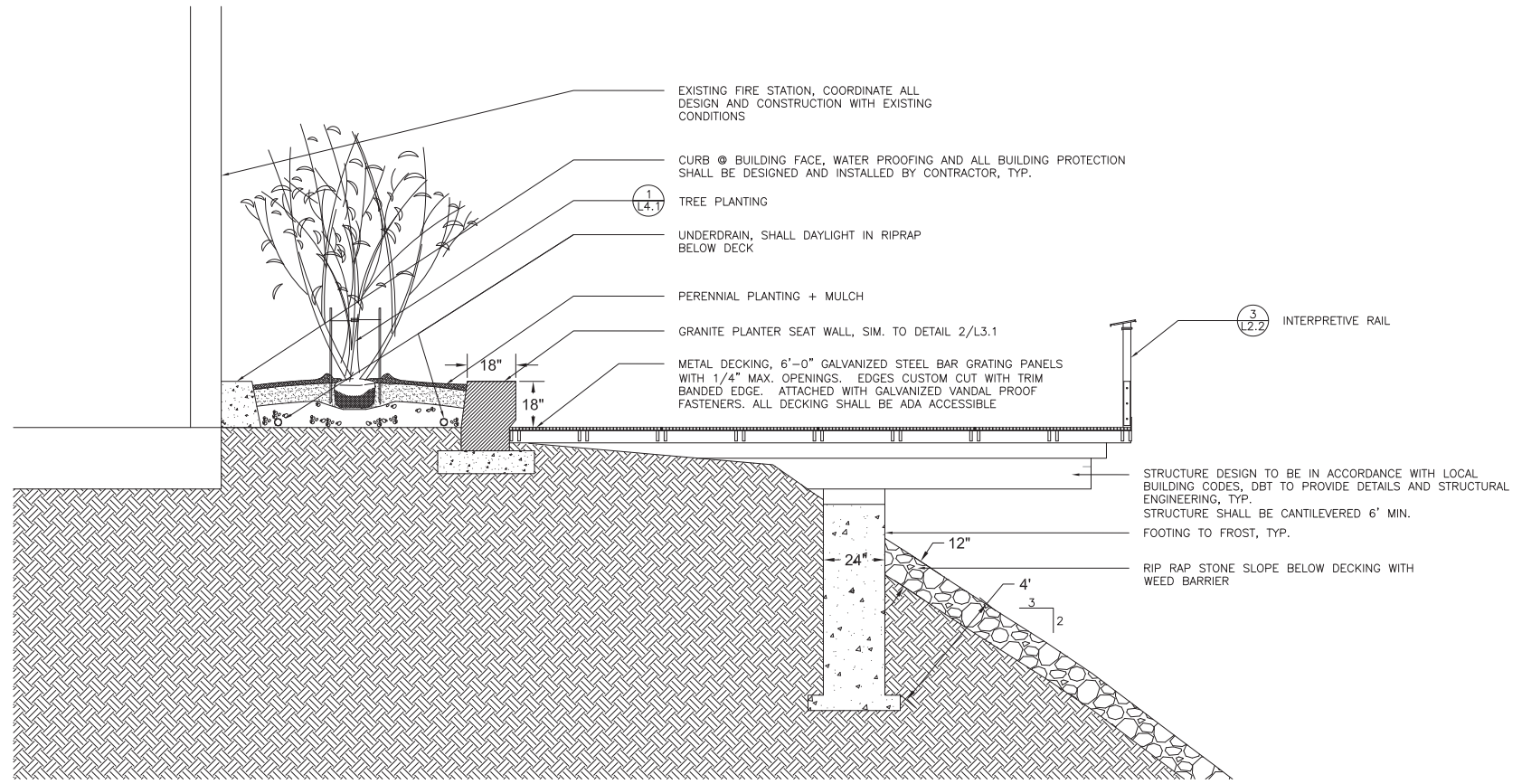
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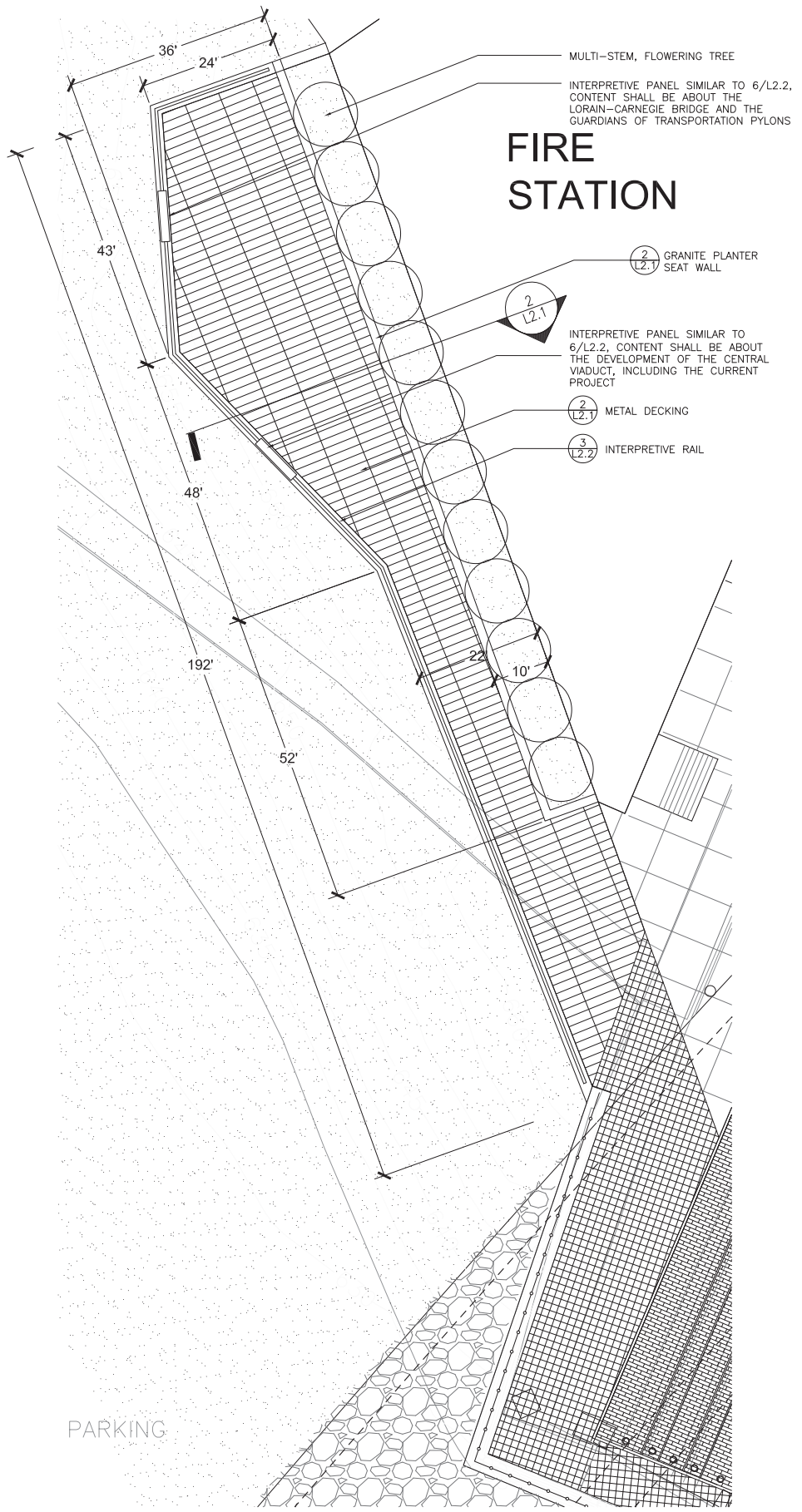
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Enlargement - Gateway

L2.1

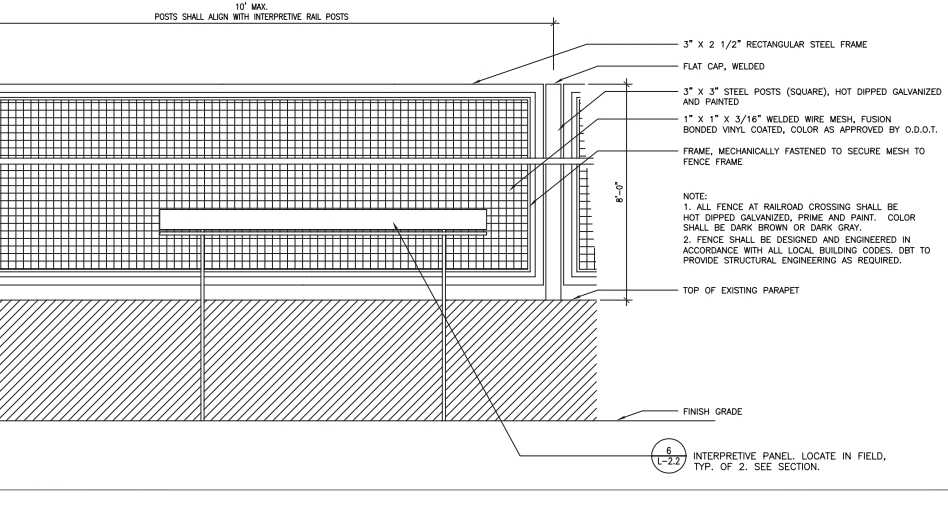
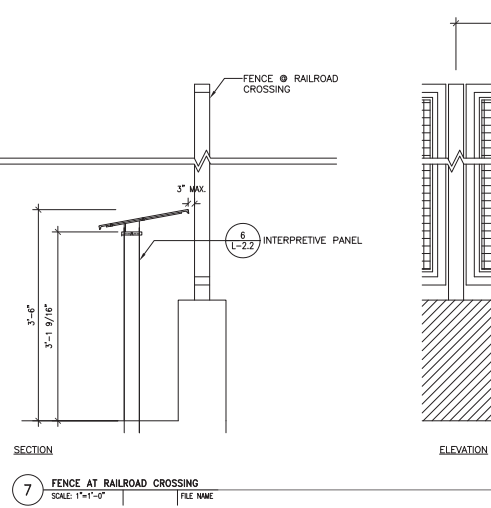
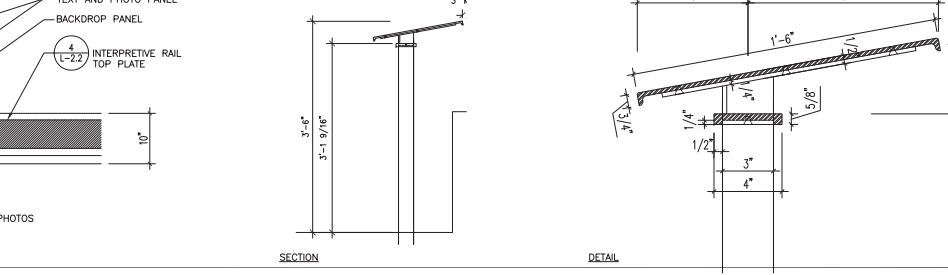
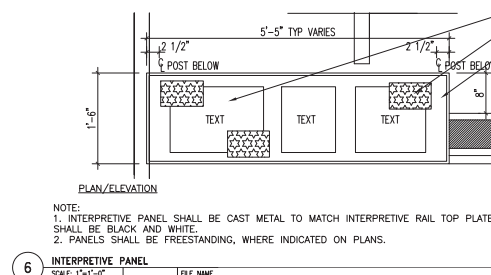
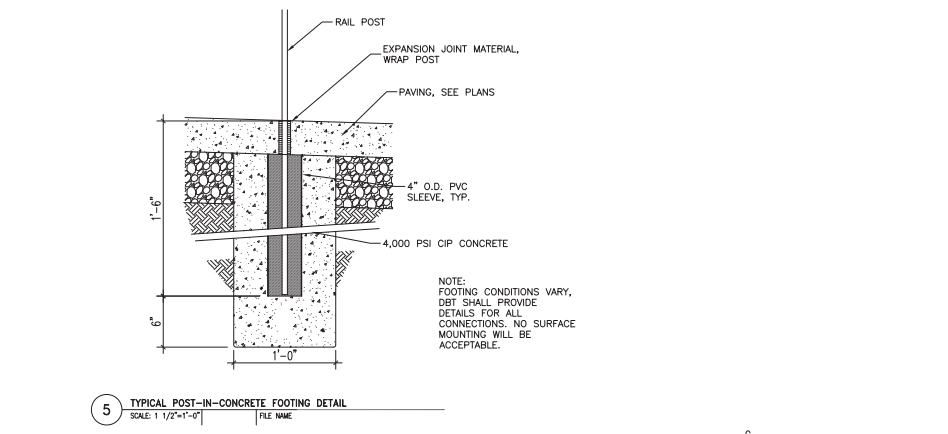
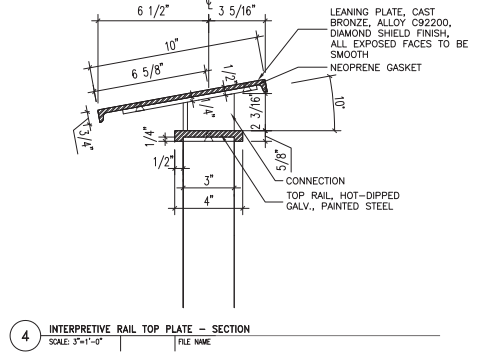
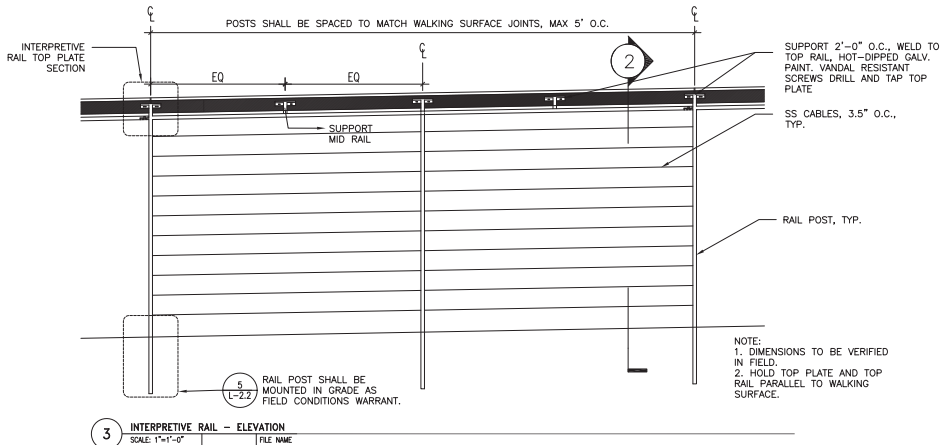
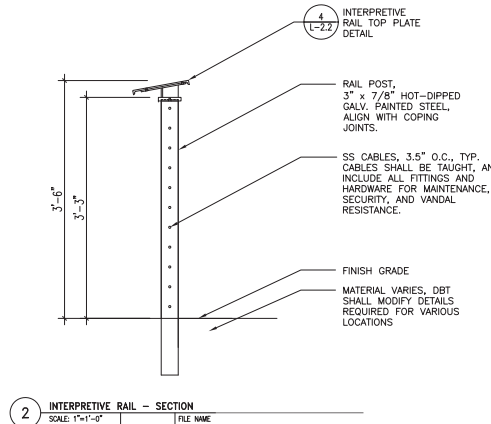
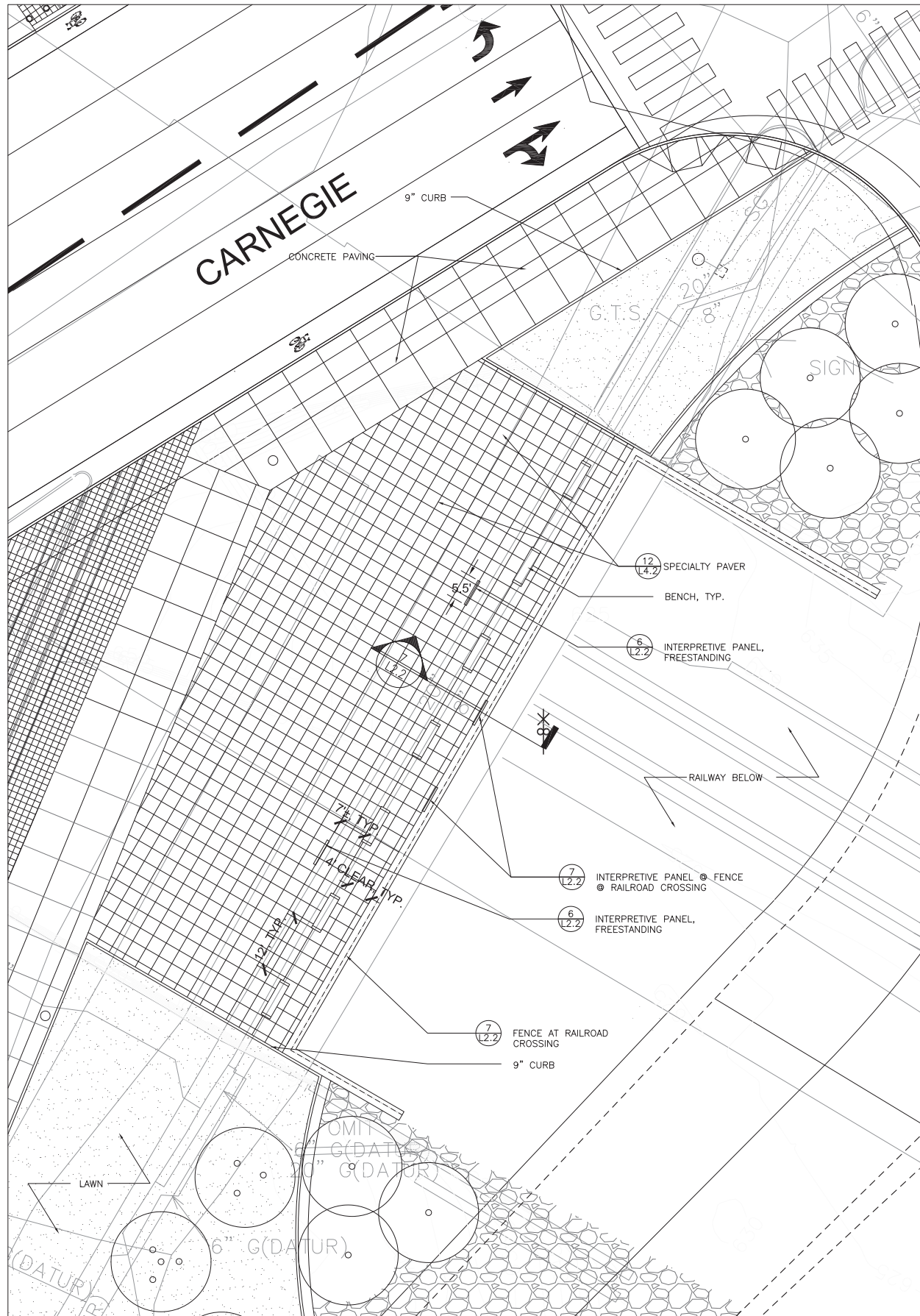


2 EAST BANK OVERLOOK SECTION
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1 EAST BANK OVERLOOK
SCALE: 1"=10'-0" FILE NAME

PLOT DATE:
FILE NAME:
XREF FILES:



1 LORAIN CARNEGIE RAILROAD BRIDGE OVERLOOK
SCALE: 1"=10'-0"
FILE NAME

7 FENCE AT RAILROAD CROSSING
SCALE: 1"=1'-0"
FILE NAME

6 INTERPRETIVE PANEL LOCATE IN FIELD,
TYP. OF 2. SEE SECTION.
SCALE: 1"=1'-0"
FILE NAME

No.	Date	Revision

Key Plan

Job No.:	09110
Drawn By:	DN
Checked By:	JB SS
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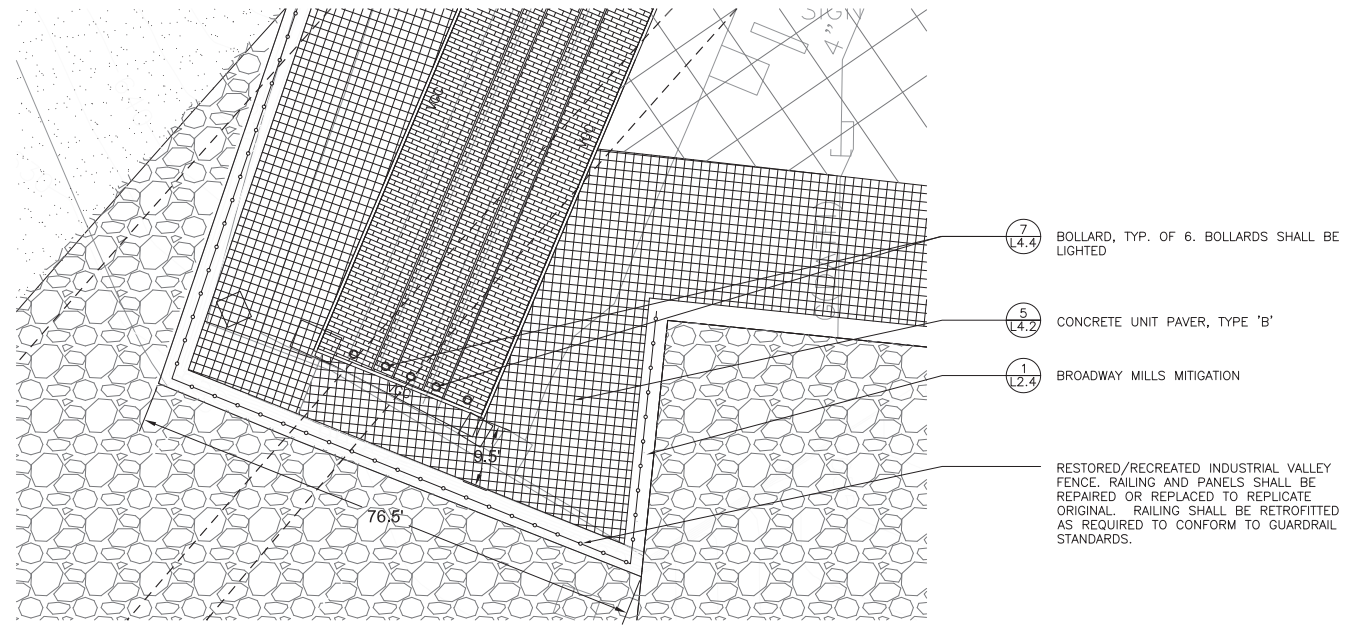
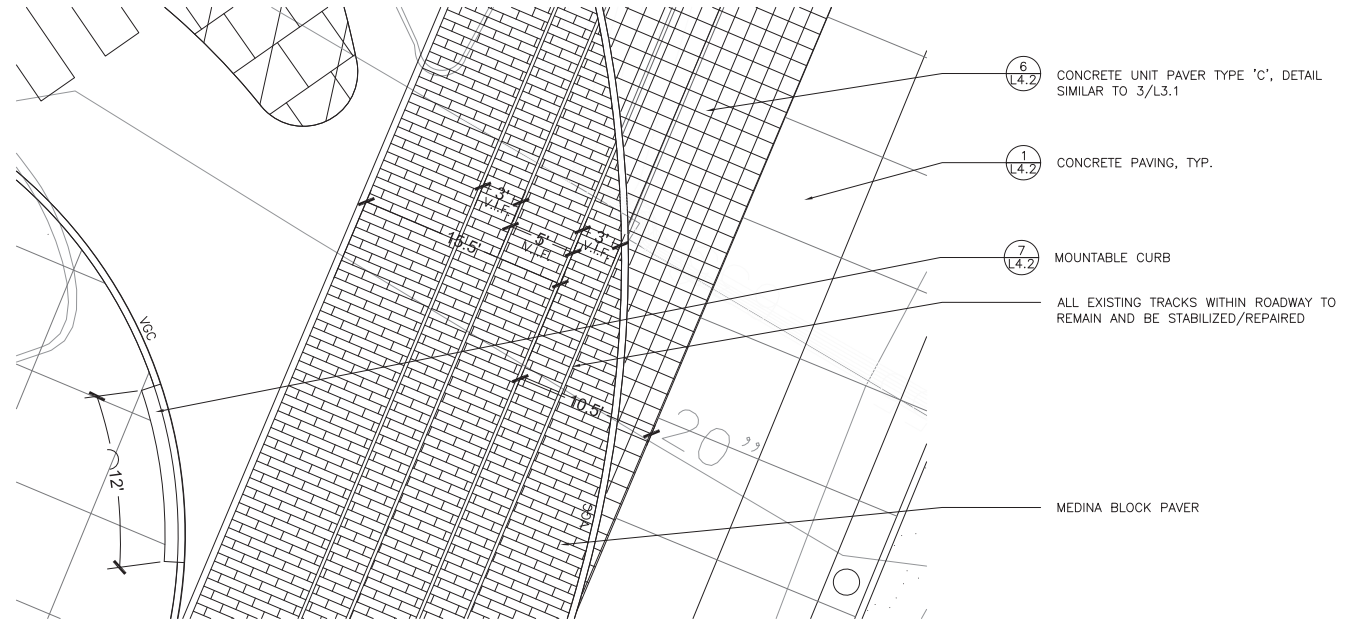
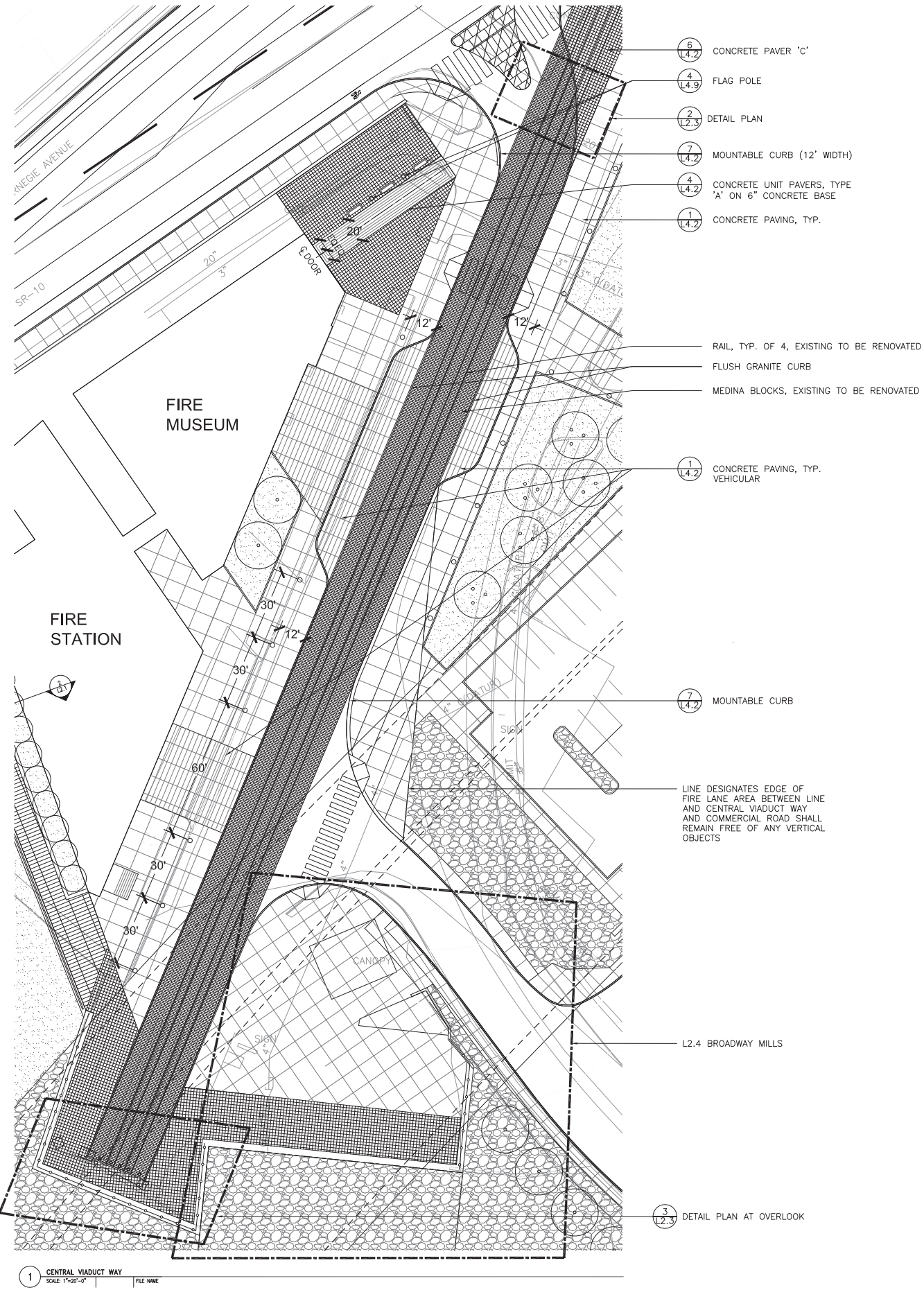
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Job No.: 09110
Drawn By: DN
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Date: 1/15/2010
Scale: AS NOTED

Enlargement - Gateway
L2.3



PLOT DATE:
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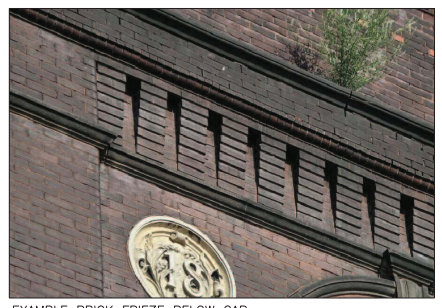
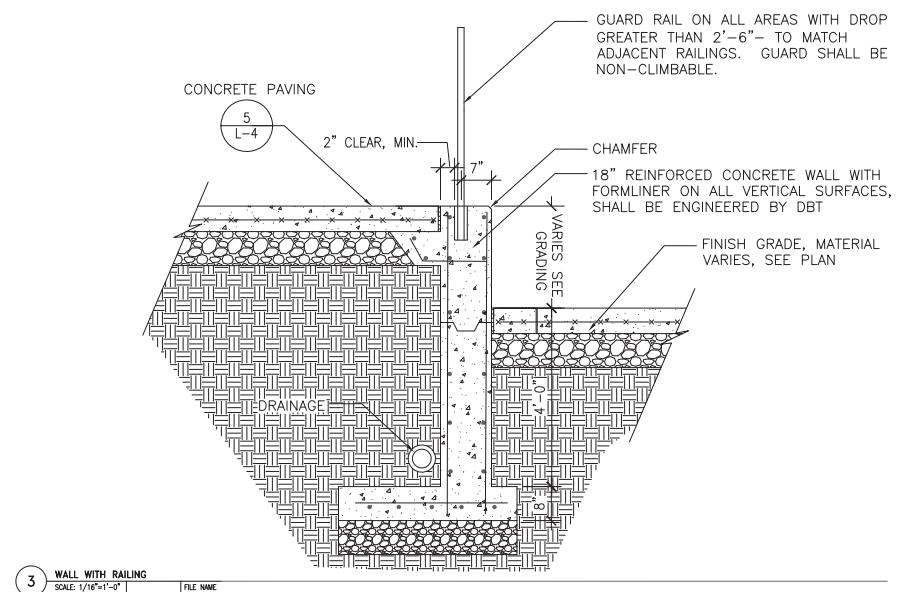
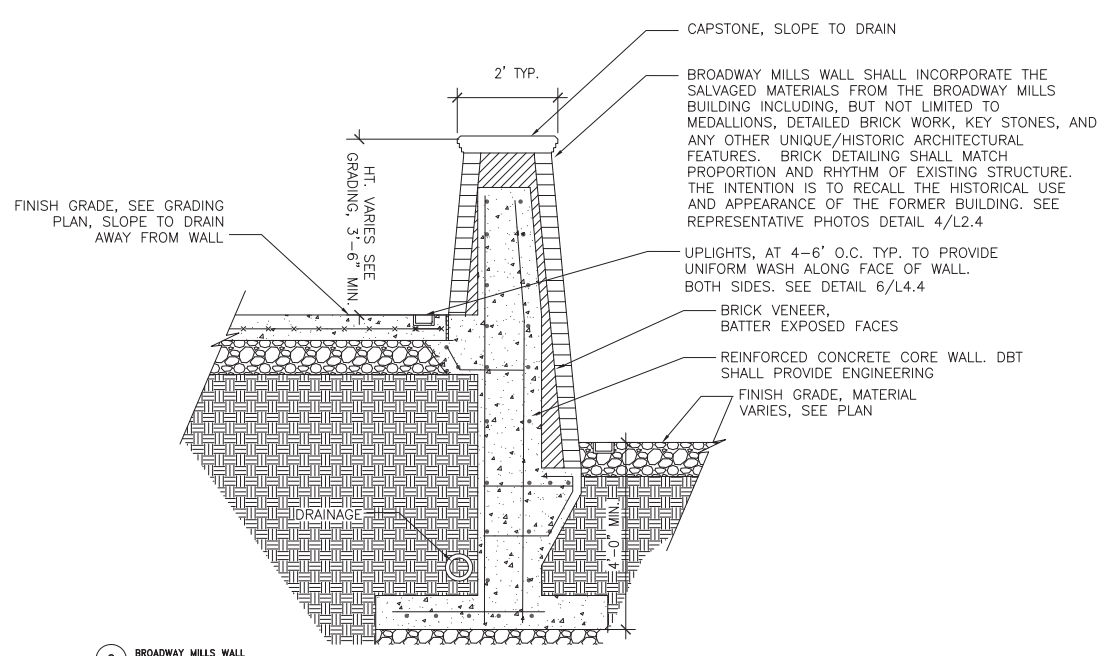
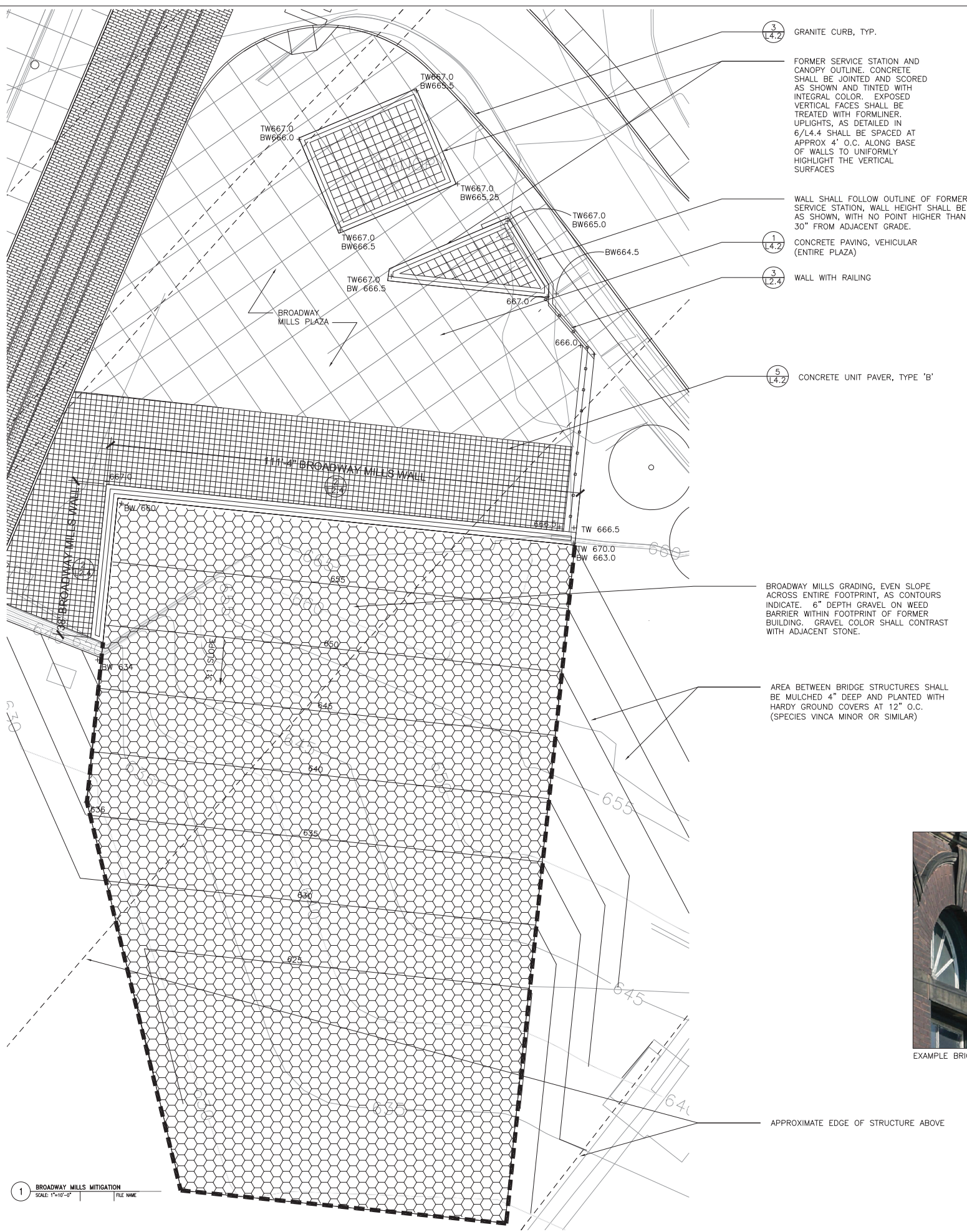
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No.	Date	Revision

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Job No.:	09110
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Scale:	AS NOTED

**Enlargement - Gateway
L2.4**

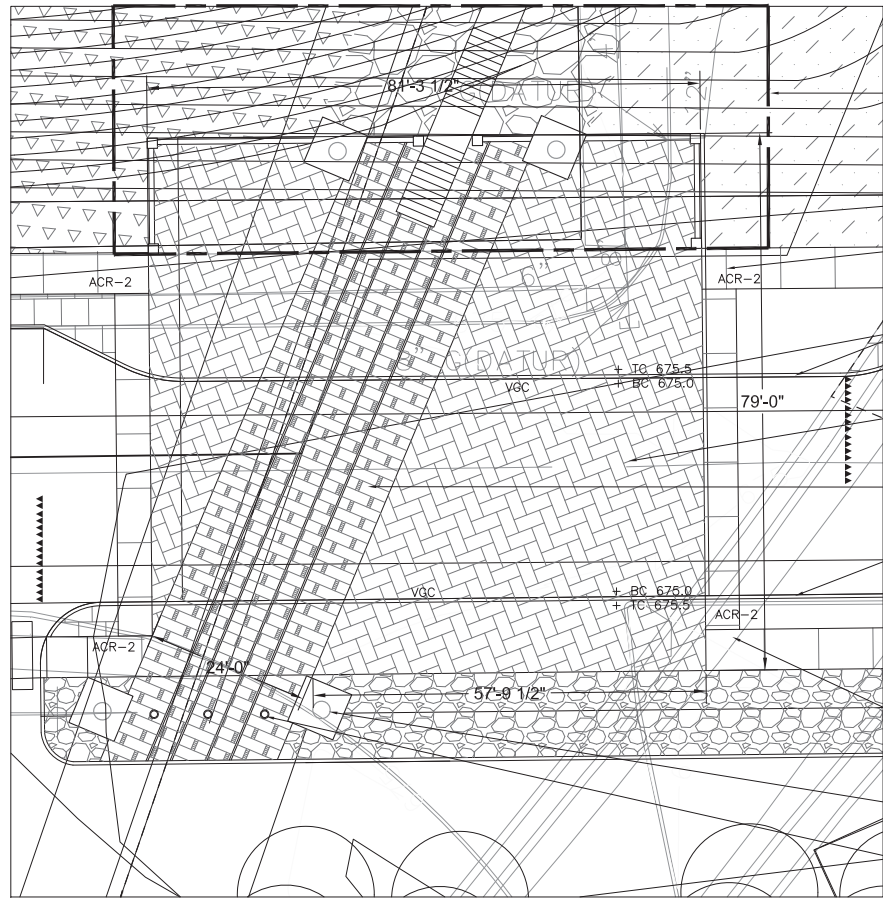


4 BROADWAY MILLS EXISTING IMAGES
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PLOT DATE:
FILE NAME:
XREF FILES:

**25% DESIGN DOCUMENTS
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No.	Date	Revision



WORK WITHIN AREA DELINEATED SHALL BE
CG2, N.I.C.

9
L4.2
ACCESSIBLE RAMP
TYPE B, TYP. OF 4

3
L4.2
GRANITE CURB

4
L4.2
CONCRETE UNIT PAVER 'A'
VEHICULAR

13
L4.2
MEDINA BLOCK WITH RAIL, TO MATCH EXISTING
AT CENTRAL VIADUCT WAY. DBT SHALL
PROVIDE DESIGN FOR APPROVAL

3
L4.2
GRANITE CURB

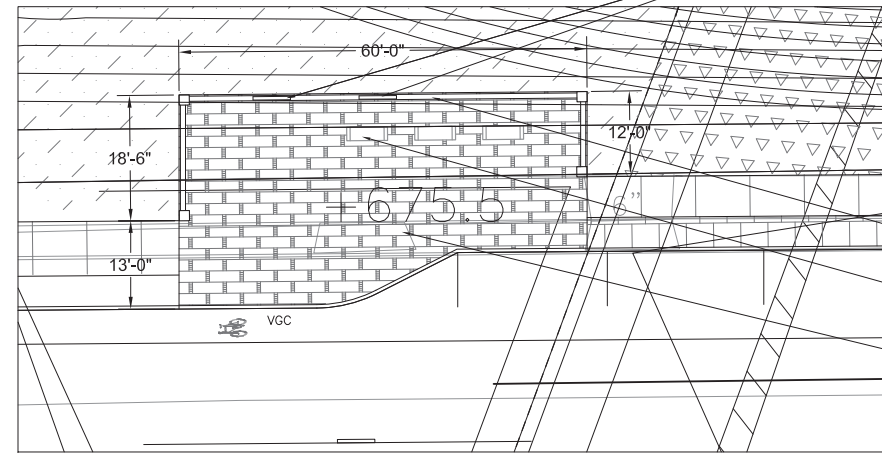
9
L4.2
ACCESSIBLE RAMP
TYPE B, TYP. OF 4

PIER, SHALL BE DESIGNED AND CONSTRUCTED
TO MATCH EXISTING STONE PIERS AT FORMER
CENTRAL VIADUCT. HEIGHT SHALL BE 9'±,
SEE PHOTOGRAPH ON L0.2A

7
L4.4
ROUND BOLLARD, TYP.

1 ABBEY AVE. CROSSING PAVEMENT AT OLD CENTRAL VIADUCT OVERLOOK
SCALE: 1"=10'-0"
FILE NAME

ACR-2



2 OVERLOOK 1
SCALE: 1"=10'-0"
FILE NAME

6
L2.2
INTERPRETATIVE PANEL. CONTENT SHALL
INCLUDE INFORMATION ON THE TOWPATH
TRAIL, INDUSTRIAL RIVER VALLEY AND
CLEVELAND SKYLINE

2
L2.2
INTERPRETATIVE RAIL

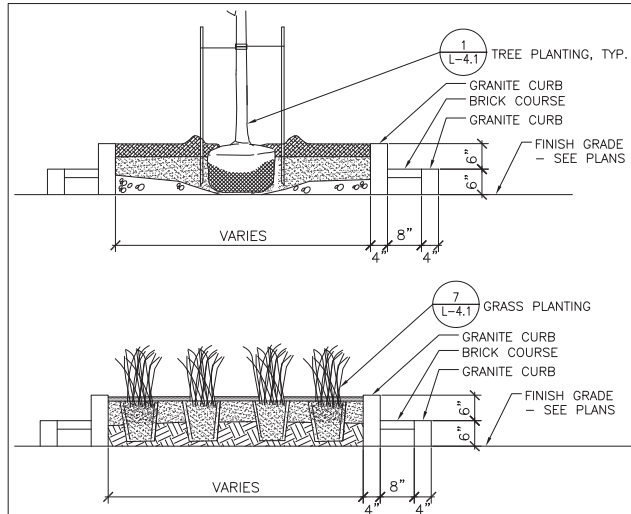
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L4.4
BENCH, TYP.

4
L4.2
SPECIALTY PAVER 'A'

Key Plan

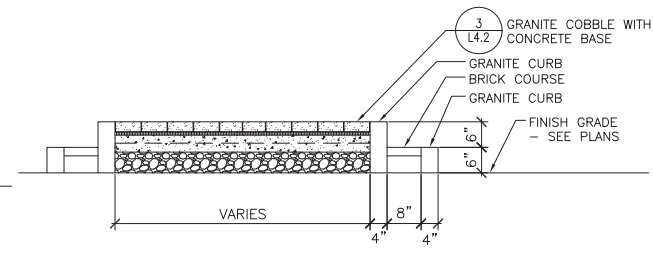
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Date: 1/15/2010
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Enlargement - Misc.
L2.5

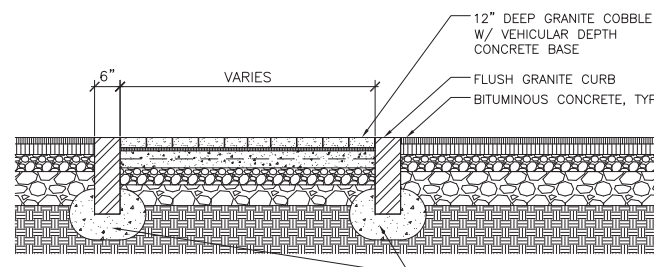


PLANTED MEDIAN

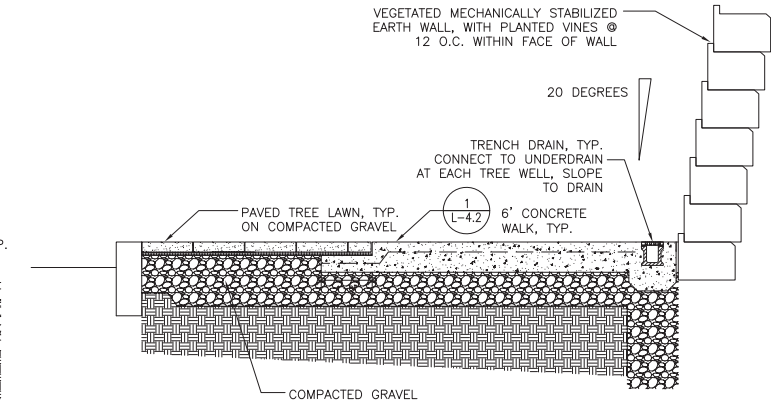
1 ONTARIO MEDIAN
SCALE: 3/4"=1'-0"
FILE NAME



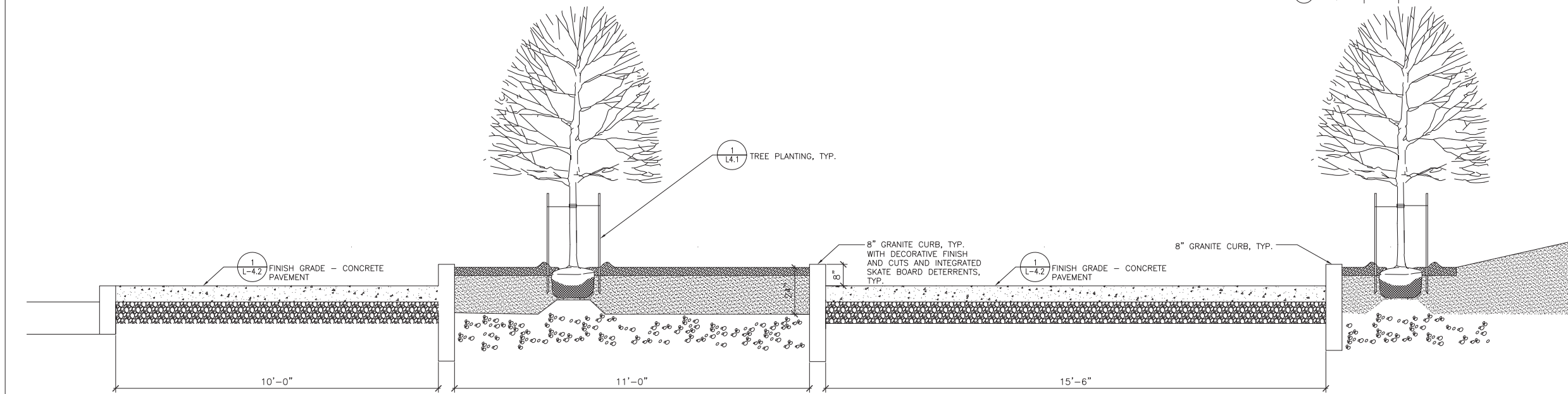
PAVED MEDIAN



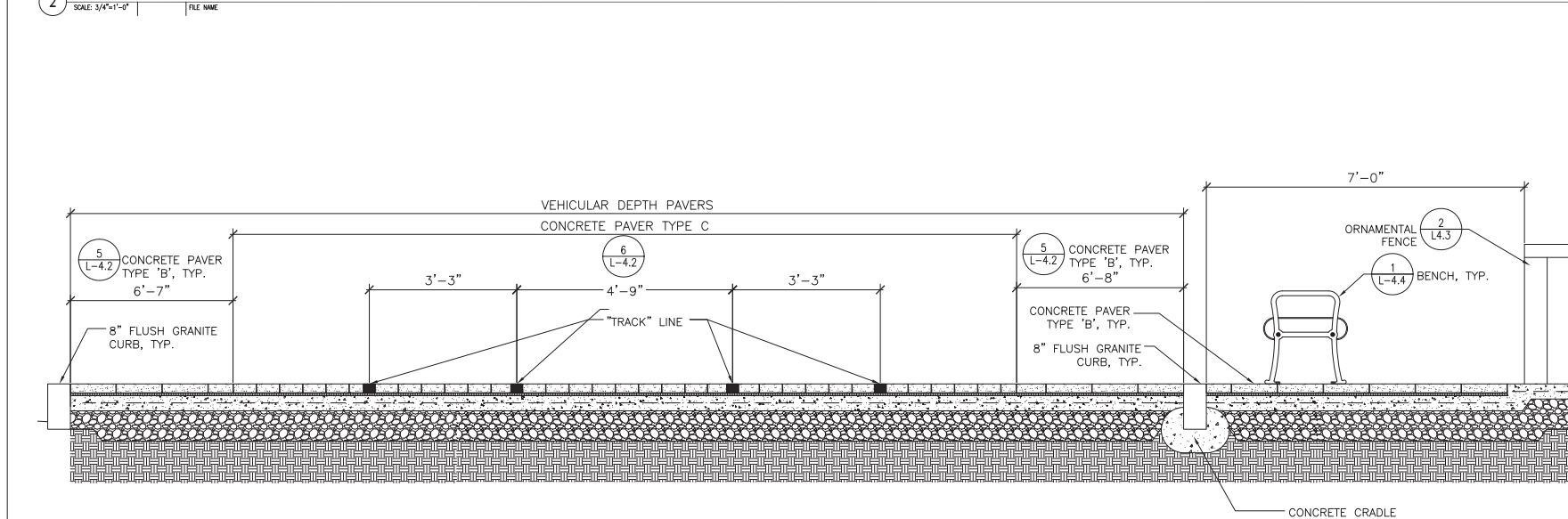
FLUSH/COBBLE MEDIAN



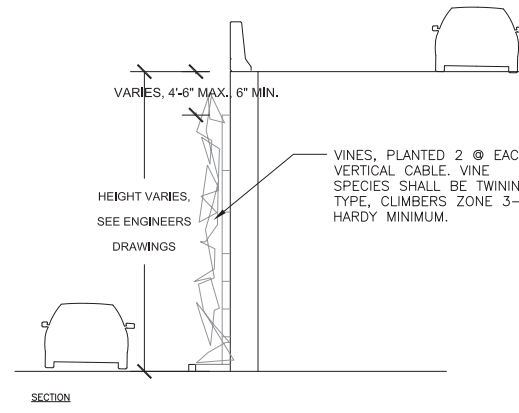
4 FAIRFIELD AVE. WALKWAY
SCALE: 3/4"=1'-0"
FILE NAME



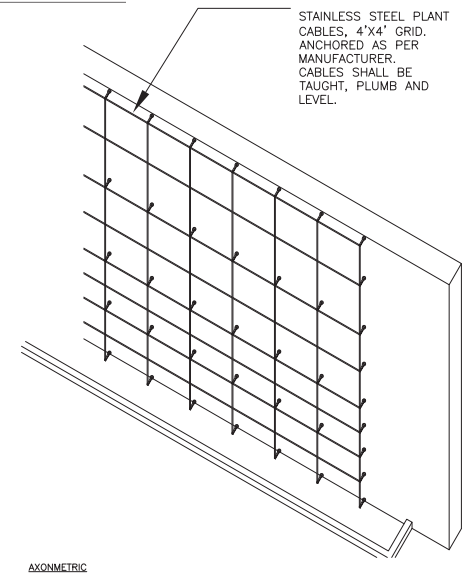
2 SIDEWALK ALONG ONTARIO STREET
SCALE: 3/4"=1'-0"
FILE NAME



3 ONTARIO TRIANGLE AT CITY VIEW OVERLOOK
SCALE: 3/4"=1'-0"
FILE NAME



5 VINE CABLE
SCALE: NTS
FILE NAME



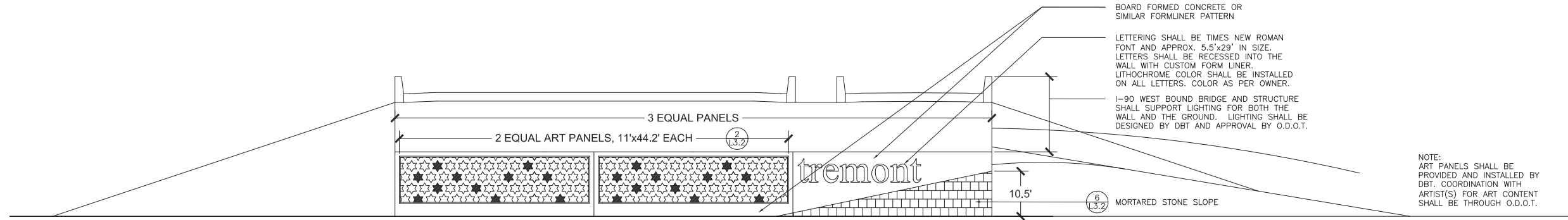
No. Date Revision

No.	Date	Revision



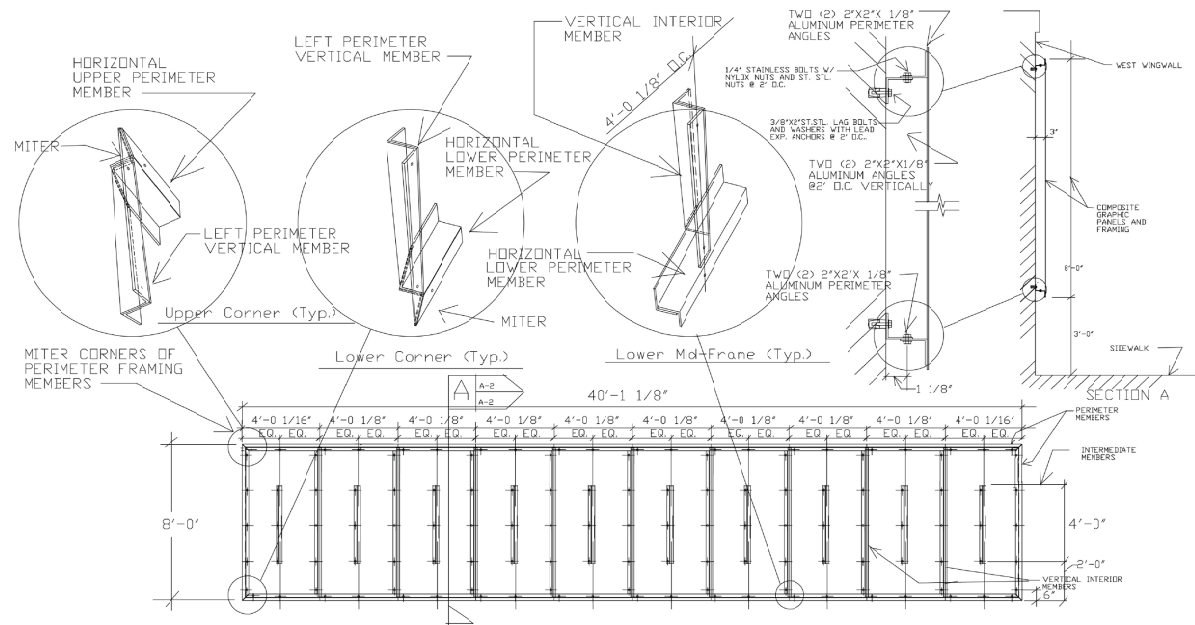
Key Plan

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Date: 1/15/2010
Scale: AS NOTED



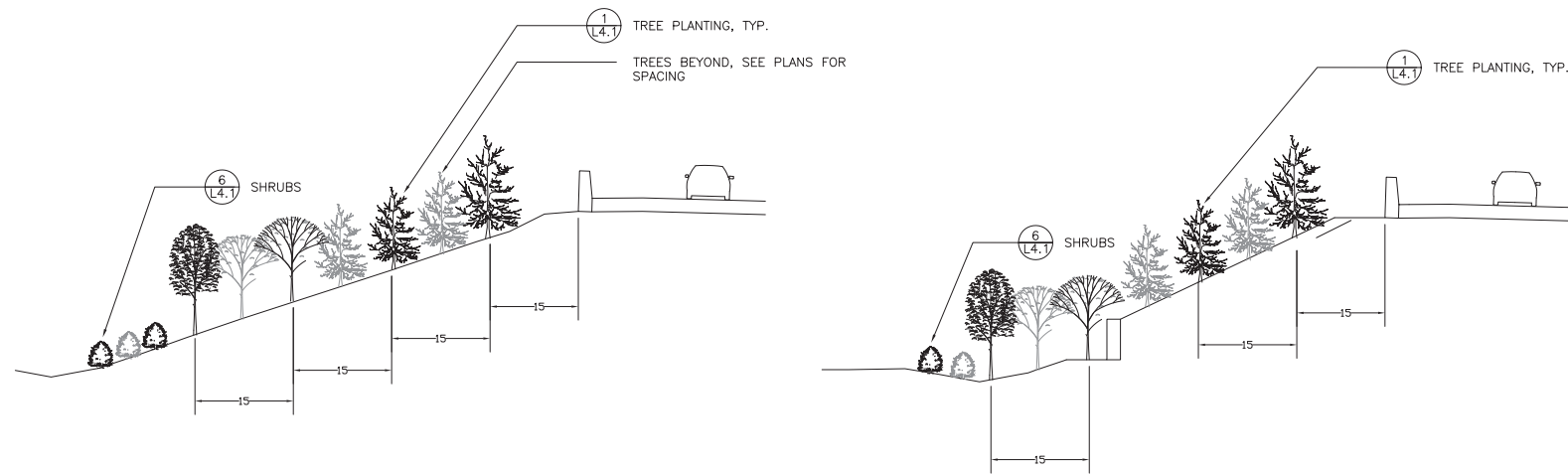
0° Abutment at W 14th St. Extension with slope beneath bridge

1 WEST 14TH STREET ABUTMENT - ELEVATION
SCALE: 1/4"=1'-0"



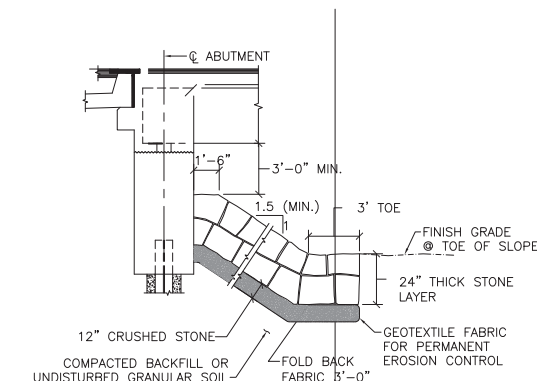
- NOTE:
1. ALL FRAMING MEMBERS TO BE DOUBLE 2"x2"x1/8" ALUMINUM ANGLES THRU BOLTED TOGETHER WITH 1/4" STAINLESS BOLTS WITH NYLOX NUTS AT 2' O.C.
 2. FRAMES TO BE ANCHOR BOLTED TO CONCRETE WALL WITH 3/8"x2" LAG BOLTS AND WASHERS WITH LEAD EXPANSION ANCHORS AT 2' O.C.
 3. PAINTED ALUMINUM PANELS TO BE ADHESIVE MOUNTED TO ANGLE FRAMING WITH EXTERIOR CONSTRUCTION ADHESIVE AND MECHANICAL FASTENERS AT 4' O.C.
 4. FASTENERS TO BE 3/16" ALUMINUM RIVETS WITH 1/2" GRIP, RANGE - RIVETS TO BE LOCATED IN VICINITY OF PANEL CORNERS AND MIDPOINTS.
 5. FRAMING TO BE SHIMMED AS REQUIRED TO ASSURE STRAIGHT, EVEN AND TRUE MOUNTING OF PAINTED ALUMINUM PANELS.
 6. PANELS TO BE MOUNTED WITH 1/8" OPEN JOINT BETWEEN PANELS FOR MOUNTING.
 7. CONSTRUCTION ADHESIVE TO BE CONTINUOUS 1/4" BEAD AT ALL FRAMING MEMBERS.
 8. THIS DETAIL IS BY GCRTA AND FOR THE REGIONAL TRANSIT AUTHORITY IN A DIFFERENT LOCATION. DBT SHALL DESIGN AND ENGINEER FOR PROPOSED LOCATION.

2 ART PANEL ATTACHMENT AT WEST 14TH STREET ABUTMENT
SCALE: NTS

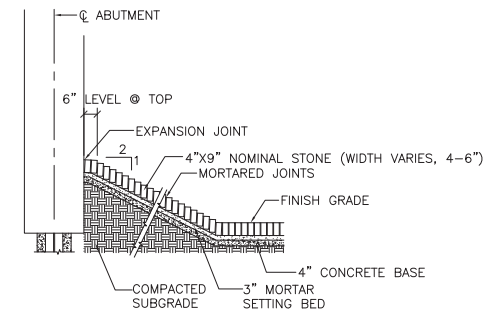


3 TYPICAL VEGETATIVE SCREENING - TREMONT
SCALE: 1/4"=1'-0"

4 TYPICAL VEGETATIVE SCREENING OPTION WITH WALL - TREMONT
SCALE: 1/4"=1'-0"



5 KEY STONE SLOPE
SCALE: 1/4"=1'-0"



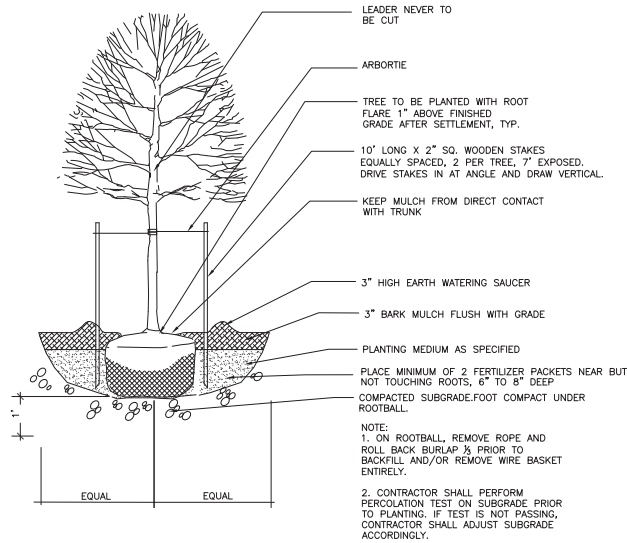
6 MORTARED STONE SLOPE
SCALE: 1/4"=1'-0"

No. Date Revision

No.	Date	Revision

Key Plan

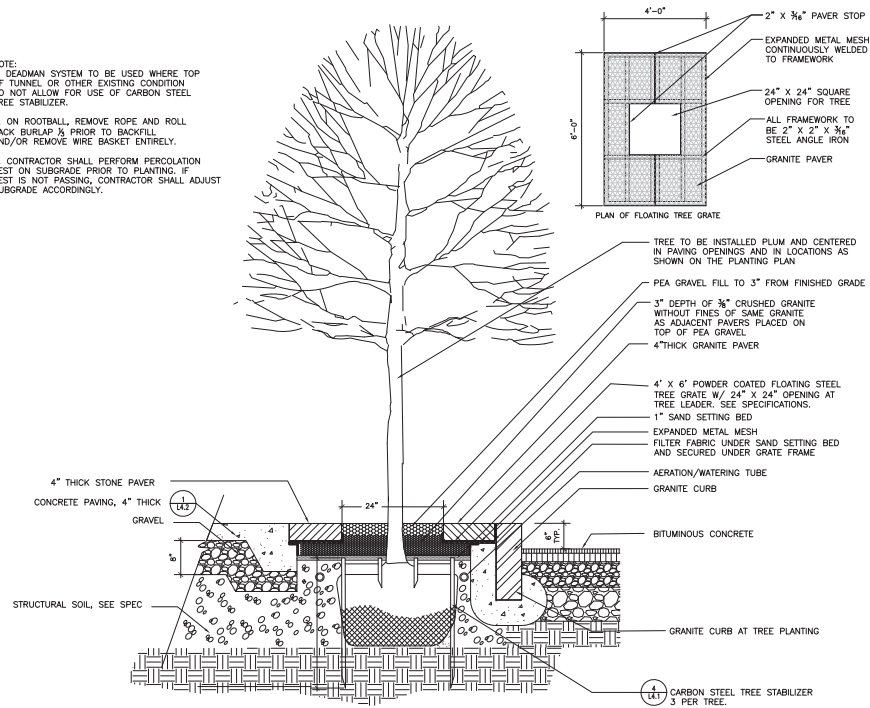
Job No.: 09110
Drawn By: DL CR
Checked By: JB SS
Date: 1/15/2010
Scale: AS NOTED



1 TREE PLANTING
SCALE: 1/4"=1'-0"

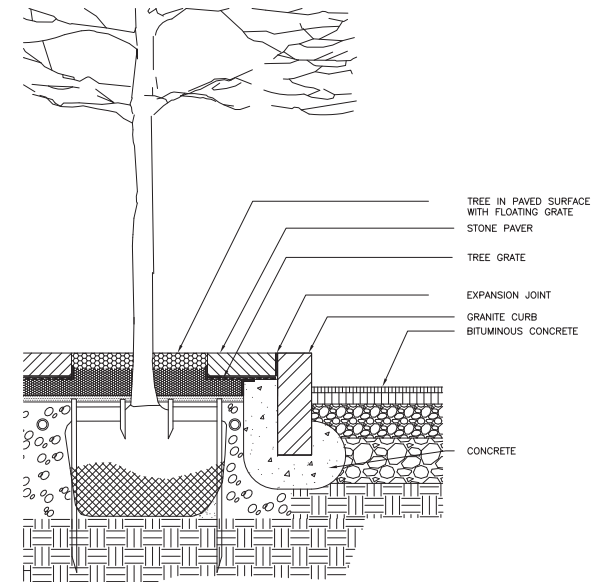
FILE NAME

NOTE:
1. DEADMAN SYSTEM TO BE USED WHERE TOP OF TUNNEL OR OTHER EXISTING CONDITION DO NOT ALLOW FOR USE OF CARBON STEEL TREE STABILIZER.
2. ON ROOTBALL, REMOVE ROPE AND ROLL BACK BURLAP 1/3 PRIOR TO BACKFILL AND/OR REMOVE WIRE BASKET ENTIRELY.
3. CONTRACTOR SHALL PERFORM PERCOLATION TEST ON SUBGRADE PRIOR TO PLANTING. IF TEST IS NOT PASSING, CONTRACTOR SHALL ADJUST SUBGRADE ACCORDINGLY.



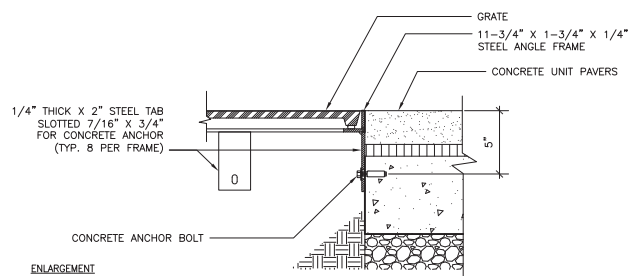
3 STREET TREE PLANTING WITH FLOATING GRATE
SCALE: 3/4"=1'-0"

FILE NAME



4 GRANITE CURB AT FLOATING GRATE
SCALE: 1"=1'-0"

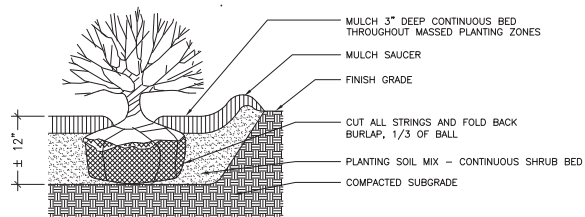
FILE NAME



ENLARGEMENT

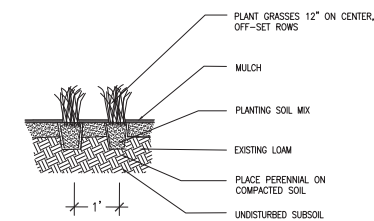
5 TREE GRATE
SCALE: 1/2"=1'-0"

FILE NAME



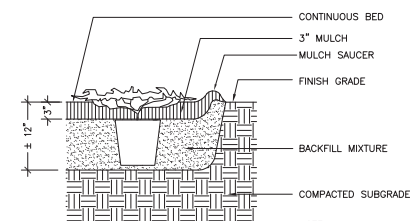
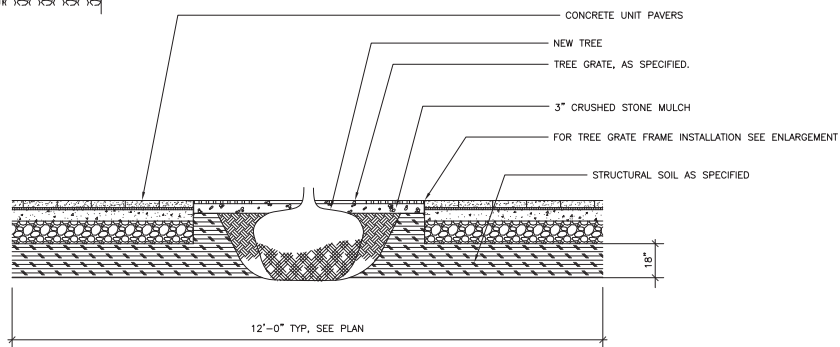
6 SHRUB PLANTING
SCALE: 1"=1'-0"

FILE NAME



7 GRASS PLANTING
SCALE: 1"=1'-0"

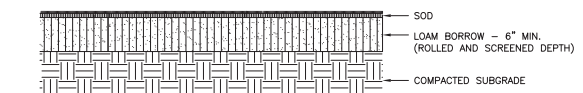
FILE NAME



8 GROUNDCOVER PLANTING
SCALE: 1"=1'-0"

FILE NAME

NOTE:
1. PLANT GROUND COVER OR PERENNIALS IN STAGGERED ROWS



9 SEEDDED OR SODDED LAWN PLANTING
SCALE: 1"=1'-0"

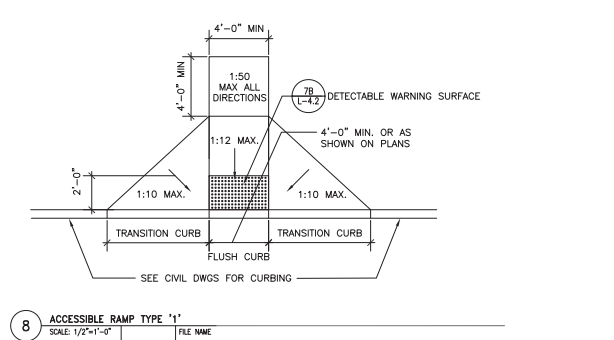
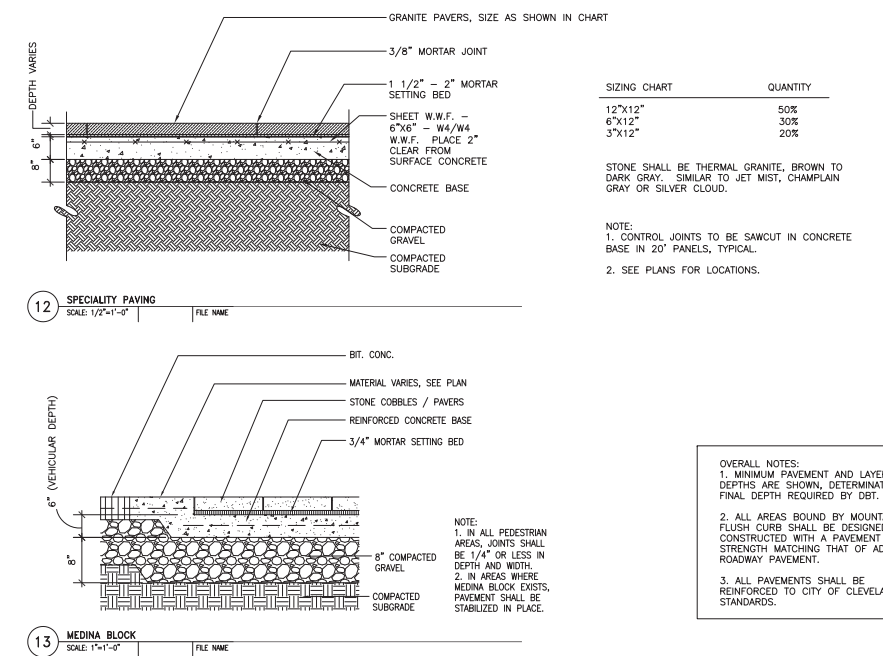
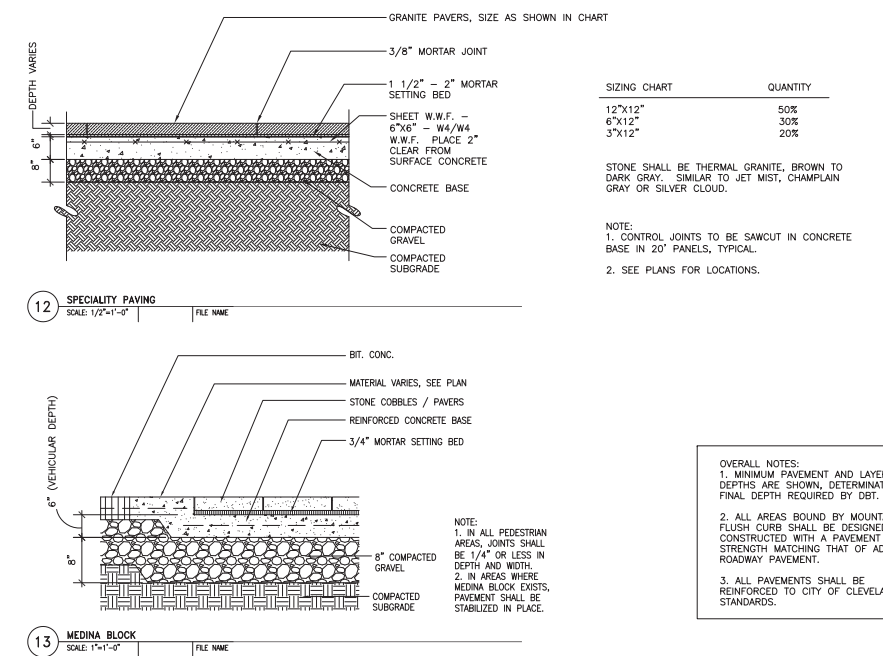
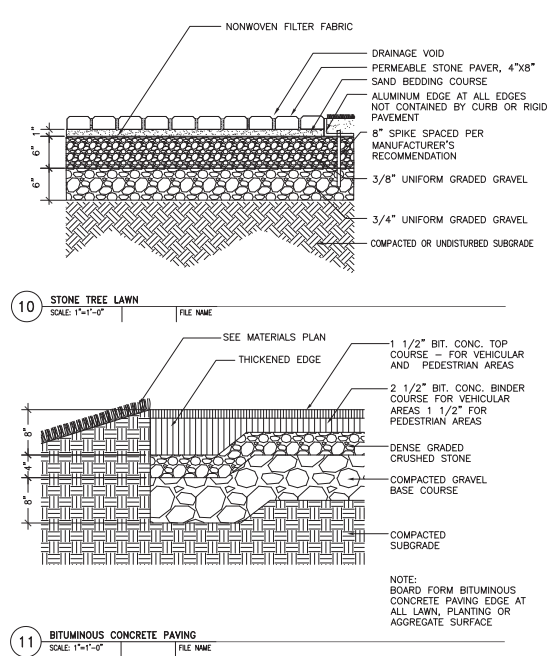
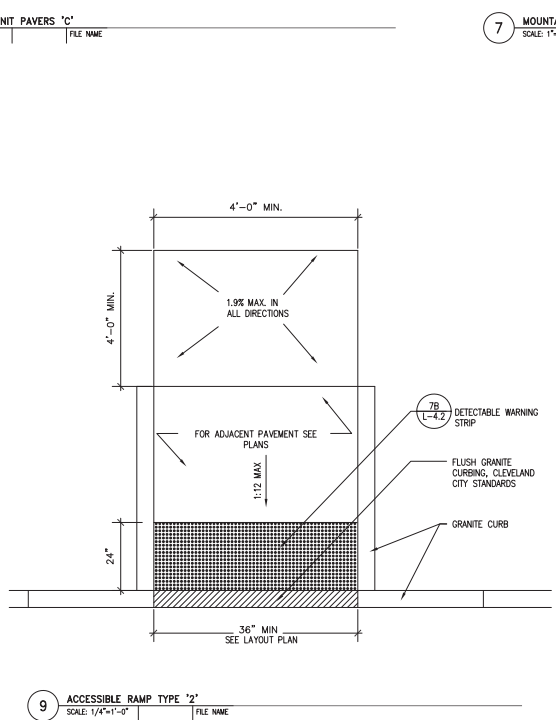
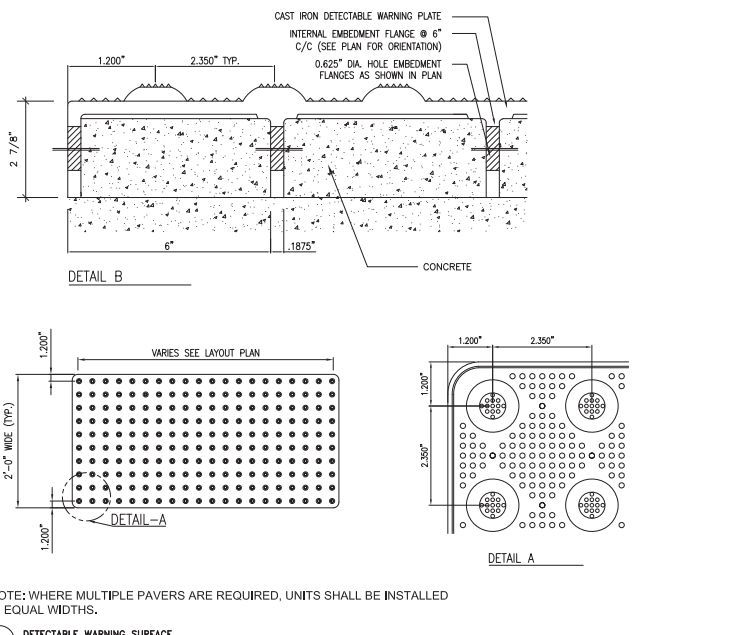
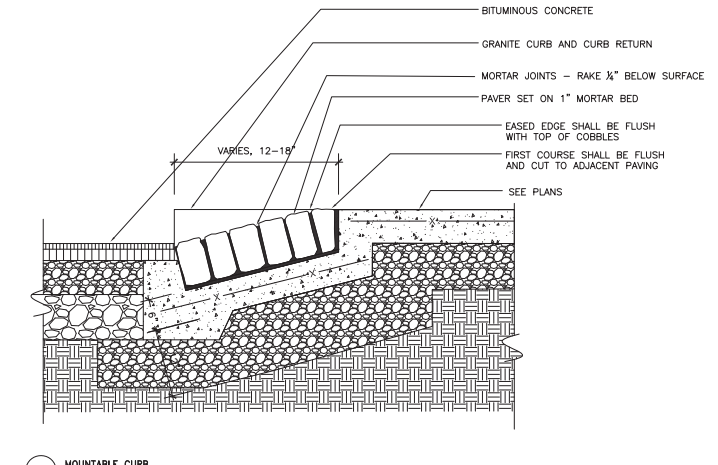
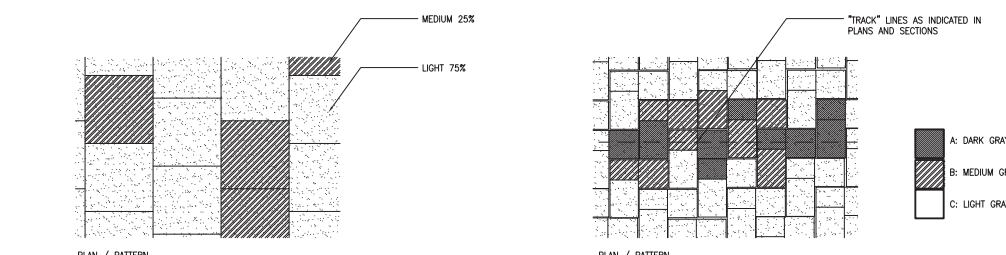
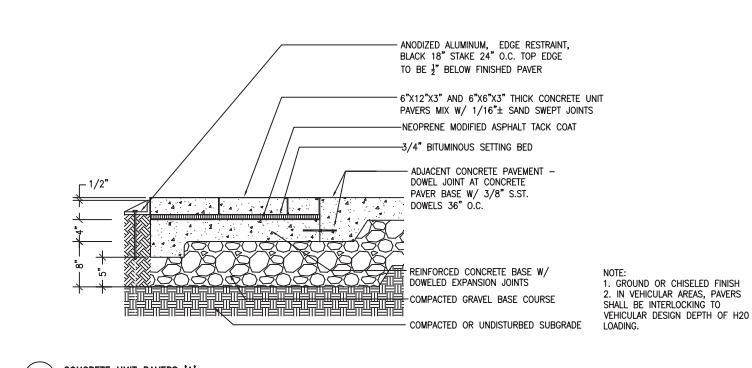
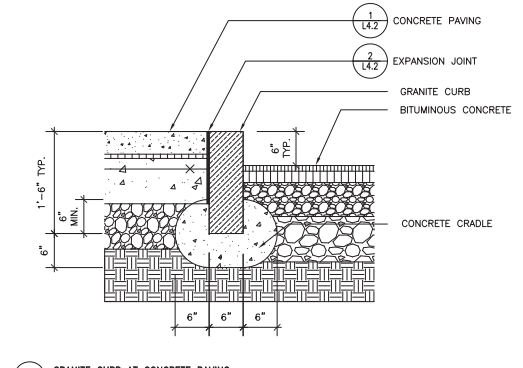
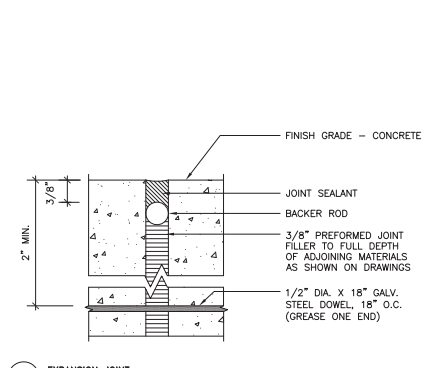
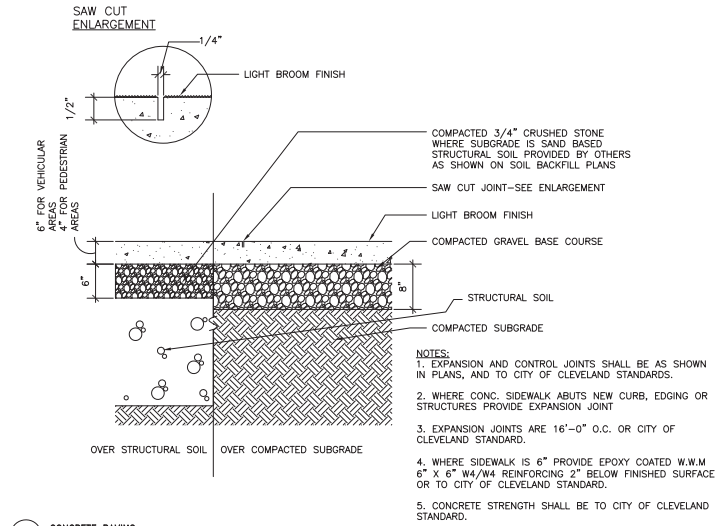
FILE NAME



10 MEADOW PLANTING
SCALE: 1"=1'-0"

FILE NAME

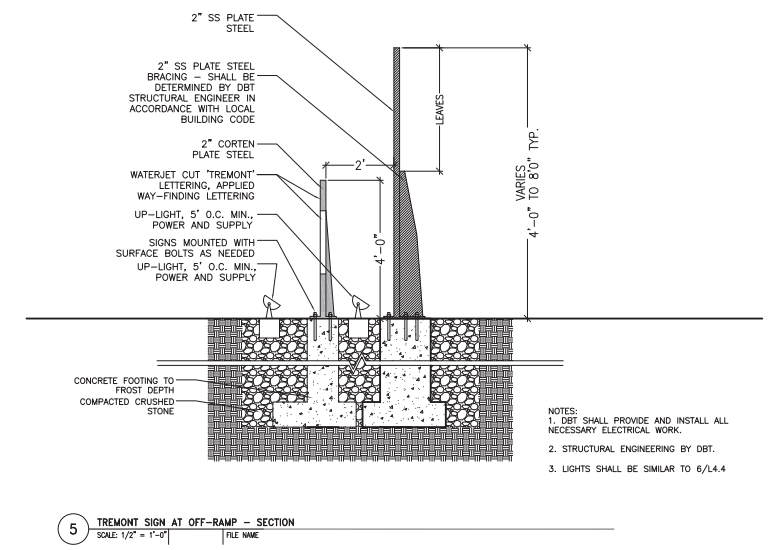
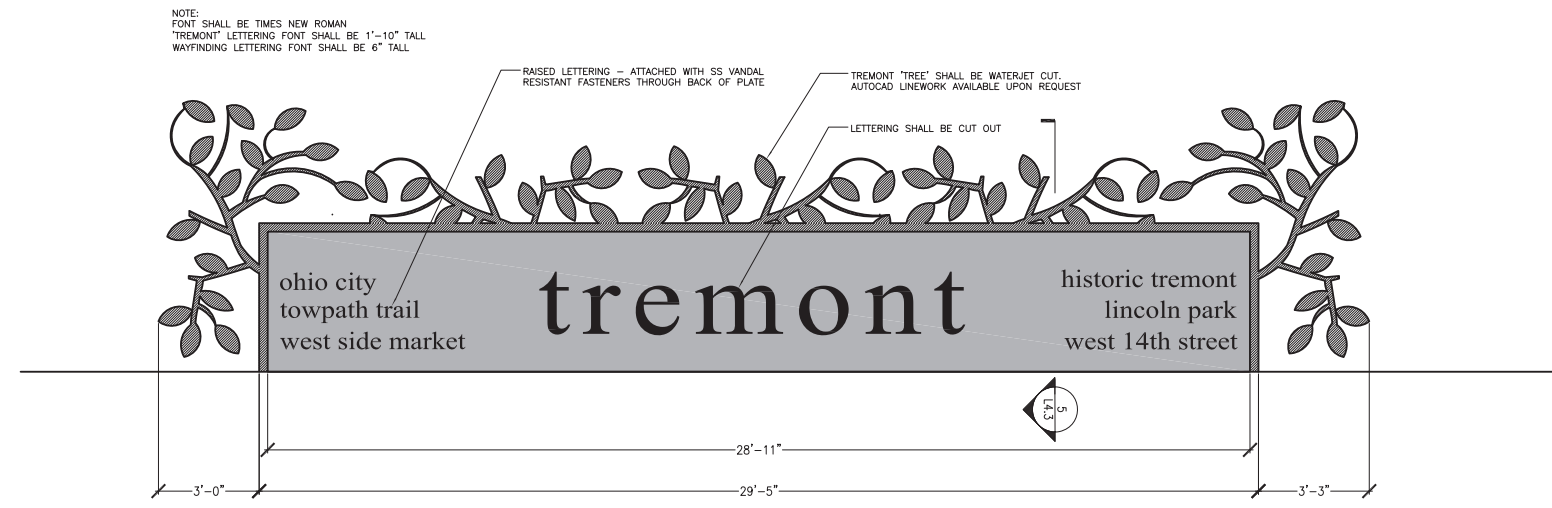
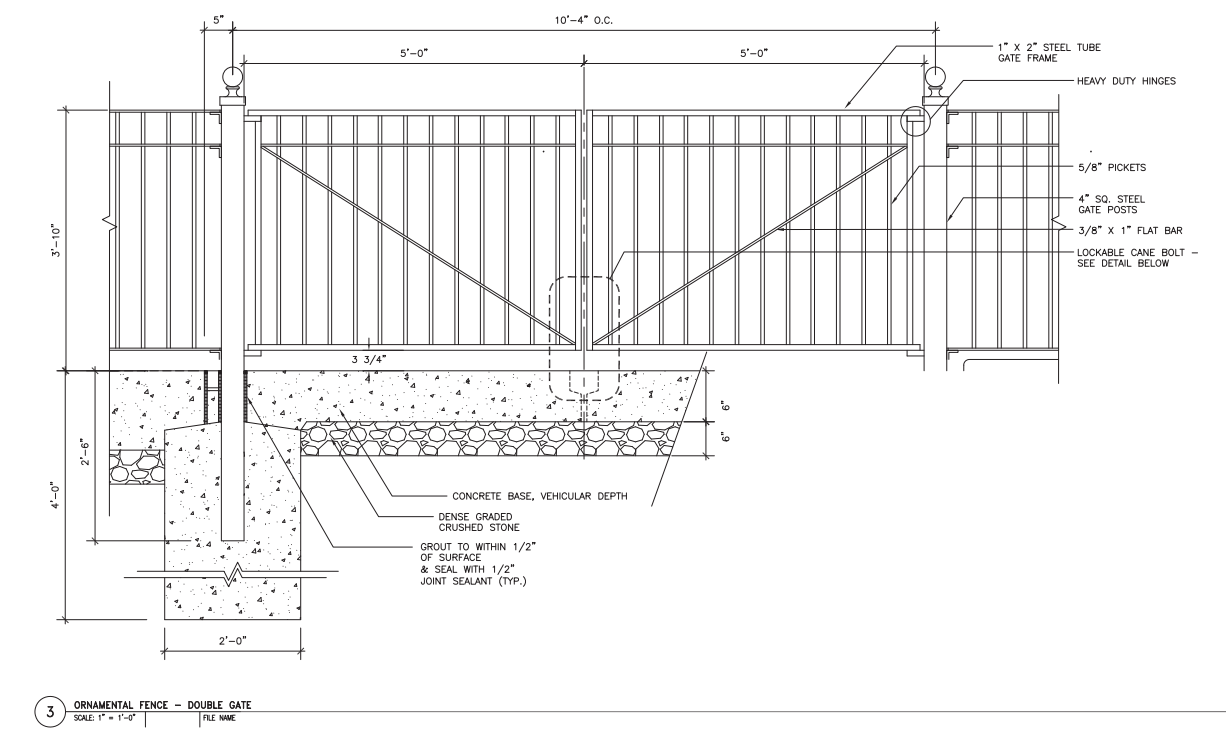
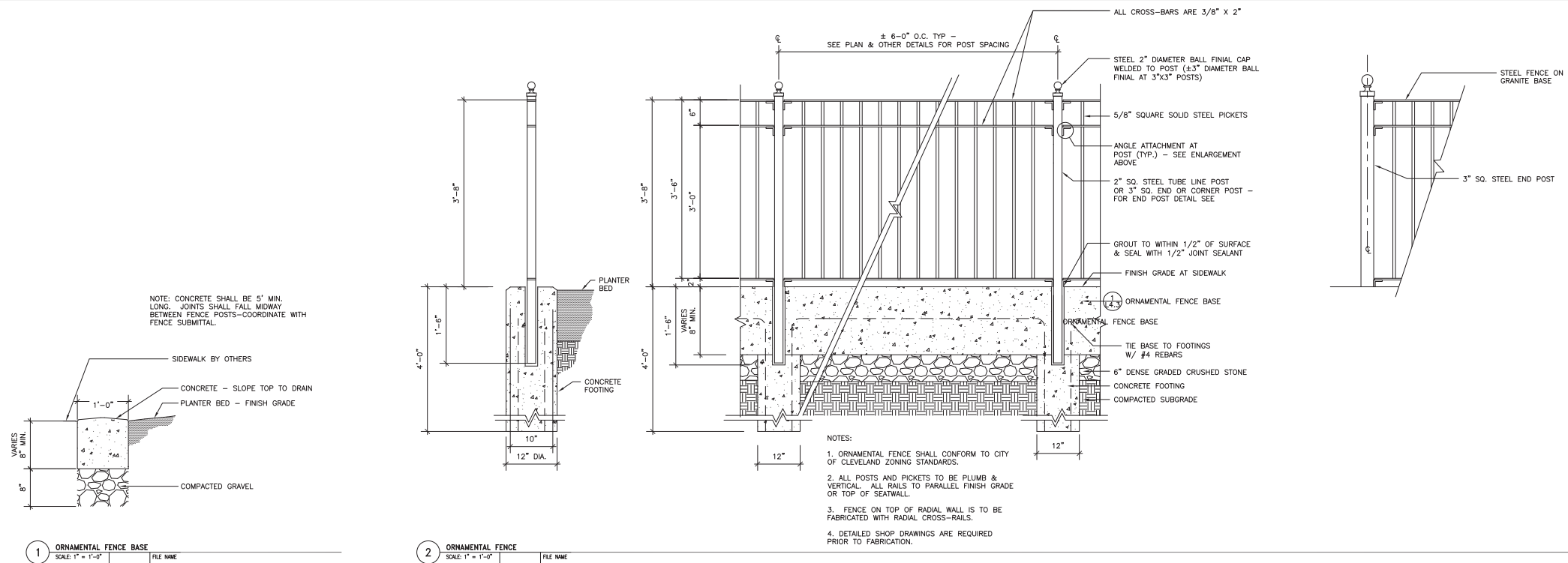
25% DESIGN DOCUMENTS
NOT FOR CONSTRUCTION



No.	Date	Revision

Job No.:	09110
Drawn By:	DN
Checked By:	JB SS
Date:	1/15/2010
Scale:	AS NOTED

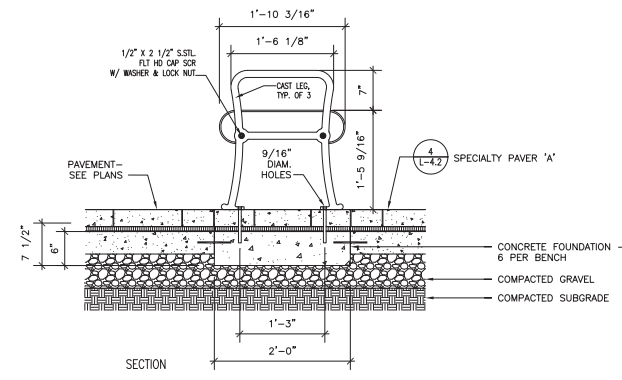
**25% DESIGN DOCUMENTS
NOT FOR CONSTRUCTION**



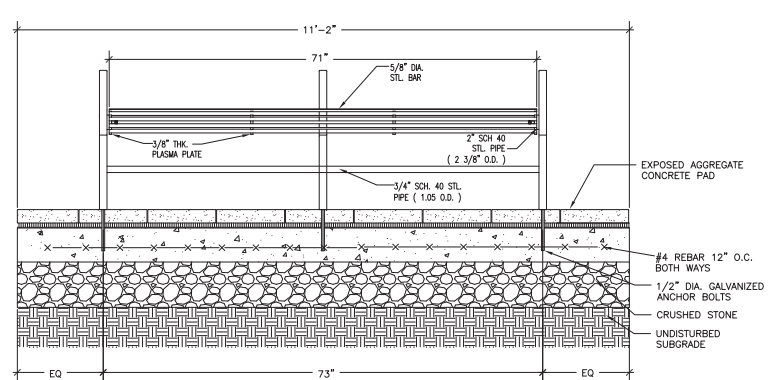
No.	Date	Revision

Key Plan

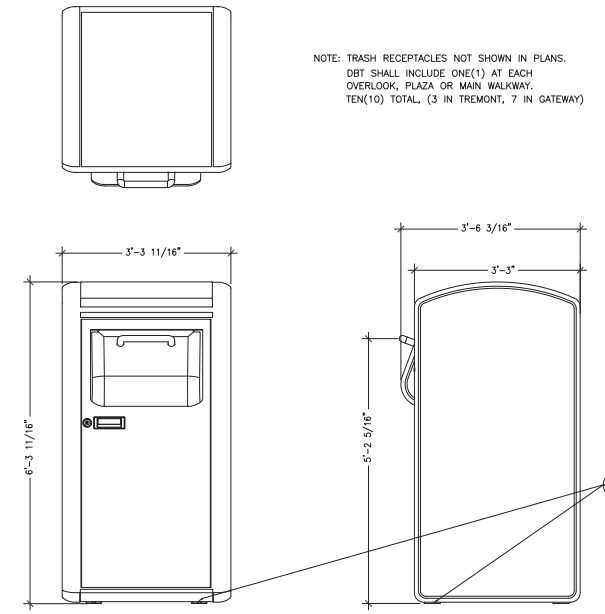
Job No.: 09110
 Drawn By: DN
 Checked By: JB
 Date: 1/15/2010
 Scale: AS NOTED



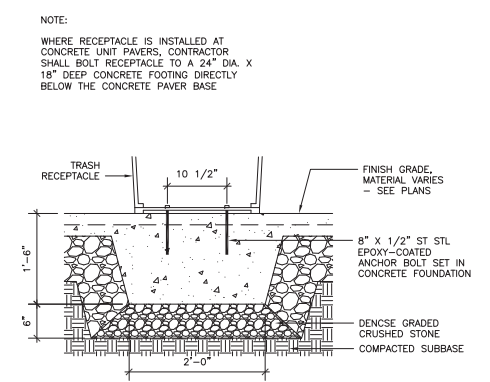
1 STEEL BENCH
SCALE 1"=1'-0"
FILE NAME



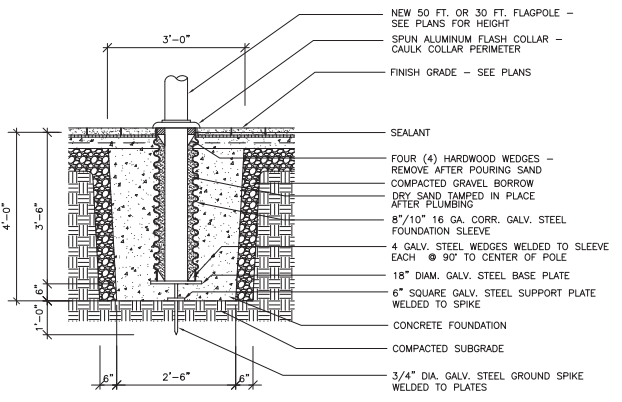
2 TRASH RECEPTACLE - BIG BELLY
SCALE 1"=1'-0"
FILE NAME



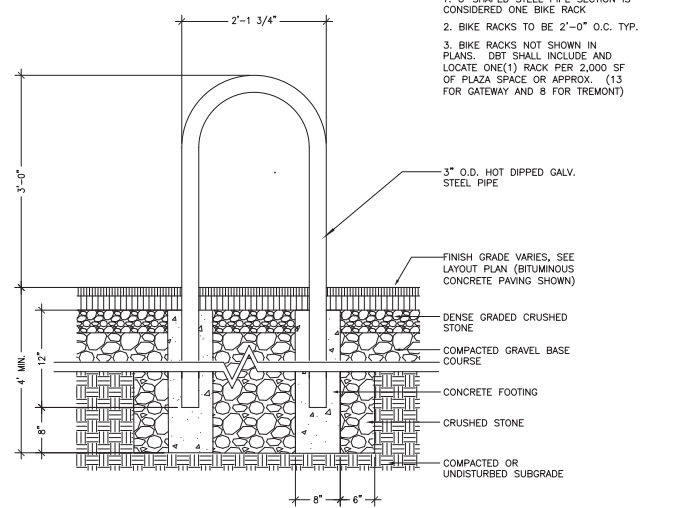
NOTE: TRASH RECEPTACLES NOT SHOWN IN PLANS.
DBT SHALL INCLUDE ONE(1) AT EACH
OVERLOOK, PLAZA OR MAIN WALKWAY.
TEN(10) TOTAL, (3 IN TREMONT, 7 IN GATEWAY)



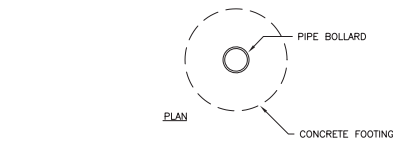
3 TRASH RECEPTACLE ATTACHMENT
SCALE 1"=1'-0"
FILE NAME



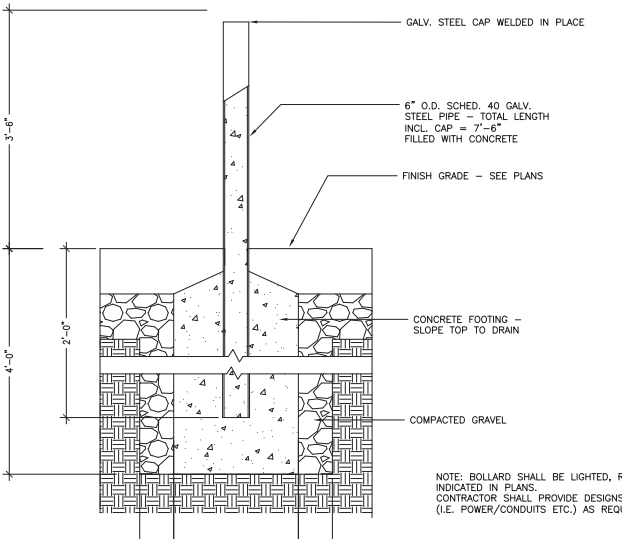
4 FLAGPOLE
SCALE 1"=1'-0"
FILE NAME



5 BIKE RACK
SCALE 1"=1'-0"
FILE NAME

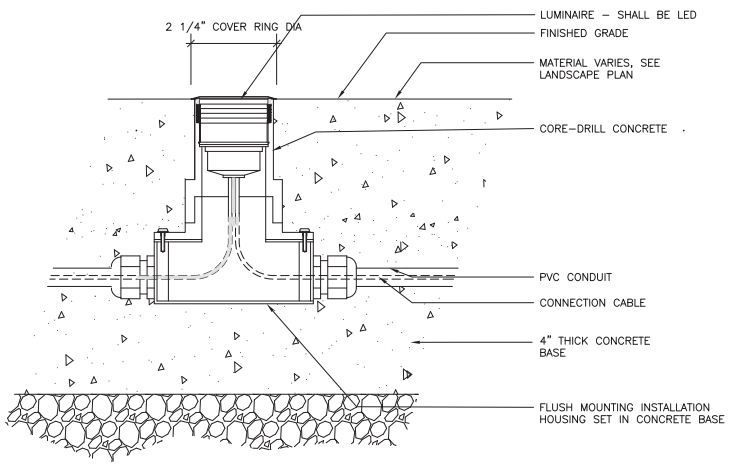


7 BOLLARD
SCALE 1"=1'-0"
FILE NAME

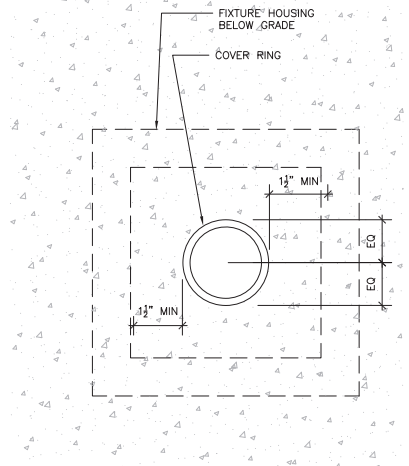


NOTE: BOLLARD SHALL BE LIGHTED, REMOVABLE, OR FIXED AS INDICATED IN PLANS.
CONTRACTOR SHALL PROVIDE DESIGNS AND ALL INFRASTRUCTURE (I.E. POWER/CONDUITS ETC.) AS REQUIRED FOR OPERATION.

NOTE:
1. U-SHAPED STEEL PIPE SECTION IS CONSIDERED ONE BIKE RACK
2. BIKE RACKS TO BE 2'-0" O.C. TYP.
3. BIKE RACKS NOT SHOWN IN PLANS. DBT SHALL INCLUDE AND LOCATE ONE(1) RACK PER 2,000 SF OF PLAZA SPACE OR APPROX. (13 FOR GATEWAY AND 8 FOR TREMONT)



6 IN-GROUND LIGHT
SCALE NTS
FILE NAME



No.	Date	Revision

Key Plan

Job No.:	09110
Drawn By:	DN
Checked By:	JB
Date:	1/15/2010
Scale:	AS NOTED