



**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



Note: All spot elevations and proposed contours are approximate and for purposes of illustrating relative grades. Final grading shall be the responsibility of the DBT.

### LIST OF DRAWINGS

L-0.1	KEY PLAN AND GENERAL NOTES
L-0.2A	SALVAGE PLAN - TREMONT
L-0.2B	SALVAGE PLAN - GATEWAY
L-1.1A	TREMONT PLAN
L-1.1B	TREMONT PLAN
L-1.1C	TREMONT PLAN
L-1.1D	TREMONT PLAN
L-1.2A	GATEWAY PLAN
L-1.2B	GATEWAY PLAN
L-1.2C	GATEWAY PLAN
L-2.1	ENLARGEMENT PLAN (GATEWAY) EAST BANK OVERLOOK
L-2.2	ENLARGEMENT PLAN (GATEWAY) RAILROAD BRIDGE OVERLOOK
L-2.3	ENLARGEMENT PLAN (GATEWAY) CENTRAL VIADUCT HISTORIC WAY
L-2.4	ENLARGEMENT PLAN (GATEWAY) BROADWAY MILLS MITIGATION
L-2.5	ENLARGEMENT PLAN (MISC.)
L-3.1	SECTIONS
L-3.2	ELEVATIONS AND SECTIONS
L-4.1	SITE DETAILS - PLANTING
L-4.2	SITE DETAILS - PAVING
L-4.3	SITE DETAILS - ORNAMENTAL FENCING
L-4.4	SITE DETAILS - SITE FURNITURE

**25% DESIGN DOCUMENTS  
NOT FOR CONSTRUCTION**

No. Date Revision

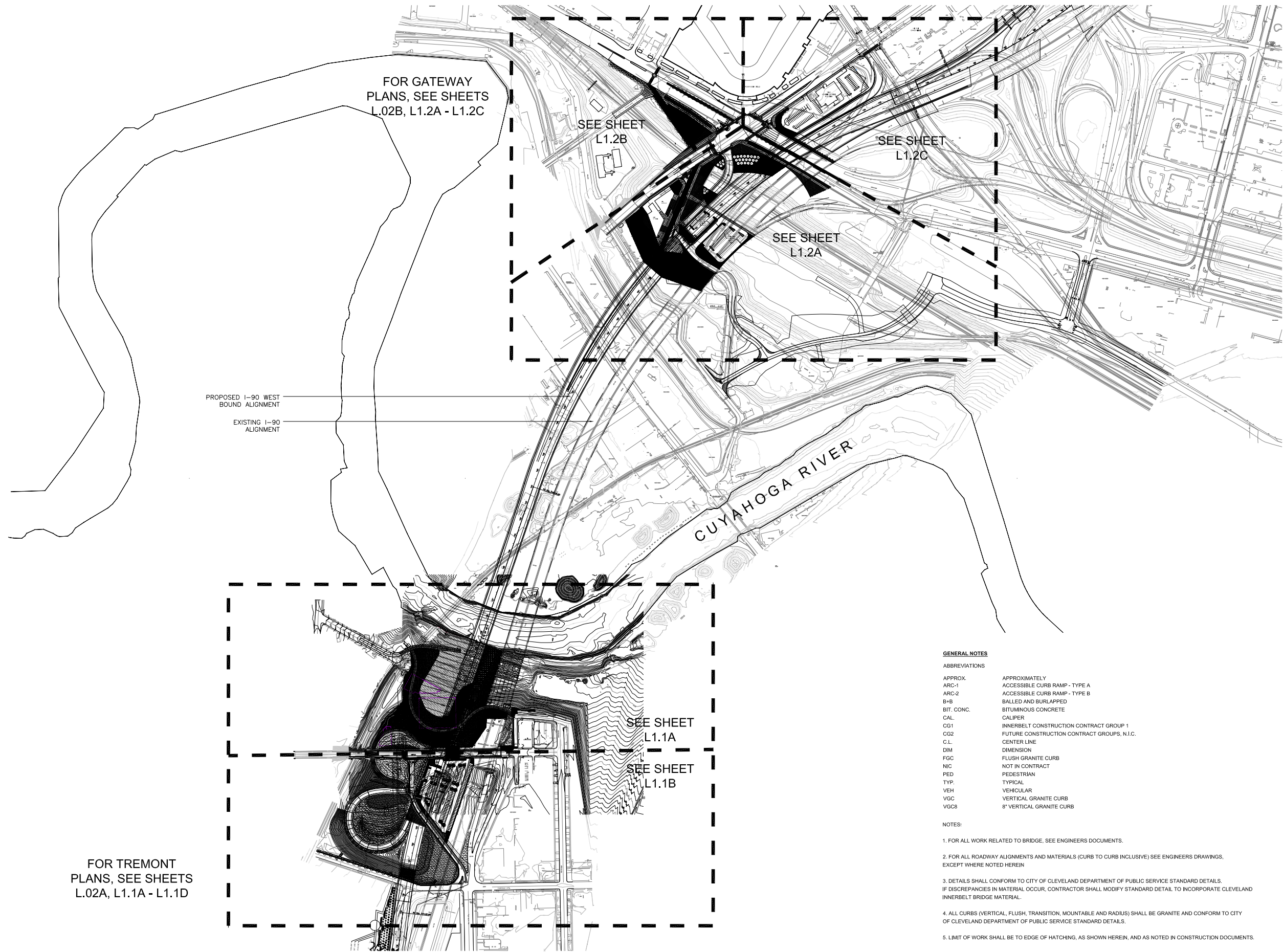



Key Plan

Job No.: 09110  
Drawn By: DN  
Checked By: JB, SS  
Date: 1/15/2010  
Scale: 1"=20'

Key Plan + General Notes

**L0.1**



PROPOSED I-90 WEST  
BOUND ALIGNMENT

EXISTING I-90  
ALIGNMENT

CUYAHOGA RIVER

**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.I.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.

**25% DESIGN DOCUMENTS  
NOT FOR CONSTRUCTION**

No. Date Revision

No.	Date	Revision



Key Plan

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

**Salvage Plan - Tremont**  
**L0.2A**

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

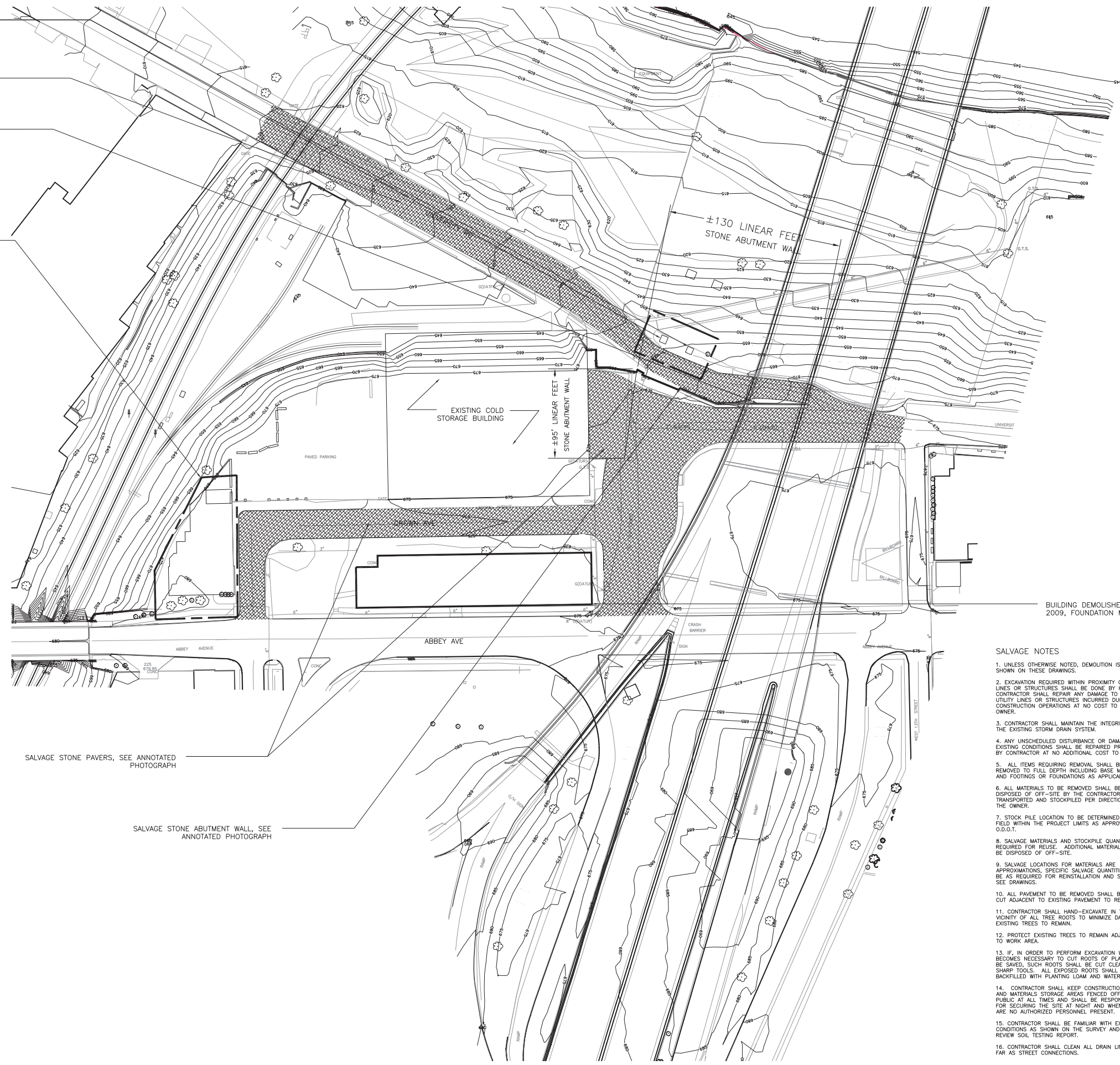
SALVAGE WHOLE, UNBROKEN PAVERS ONLY, RECYCLE REMAINDER



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:  
FILE NAME:  
XREF FILES:

No.	Date	Revision



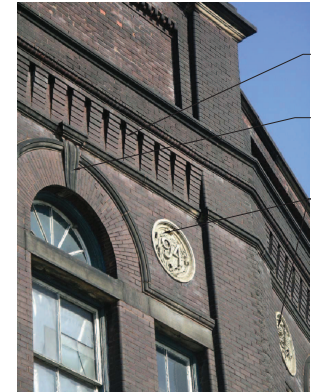
Job No.:	09110
Drawn By:	DN, CR
Checked By:	JB, SS
Date:	1/15/2010
Scale:	1"=50'-0"



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

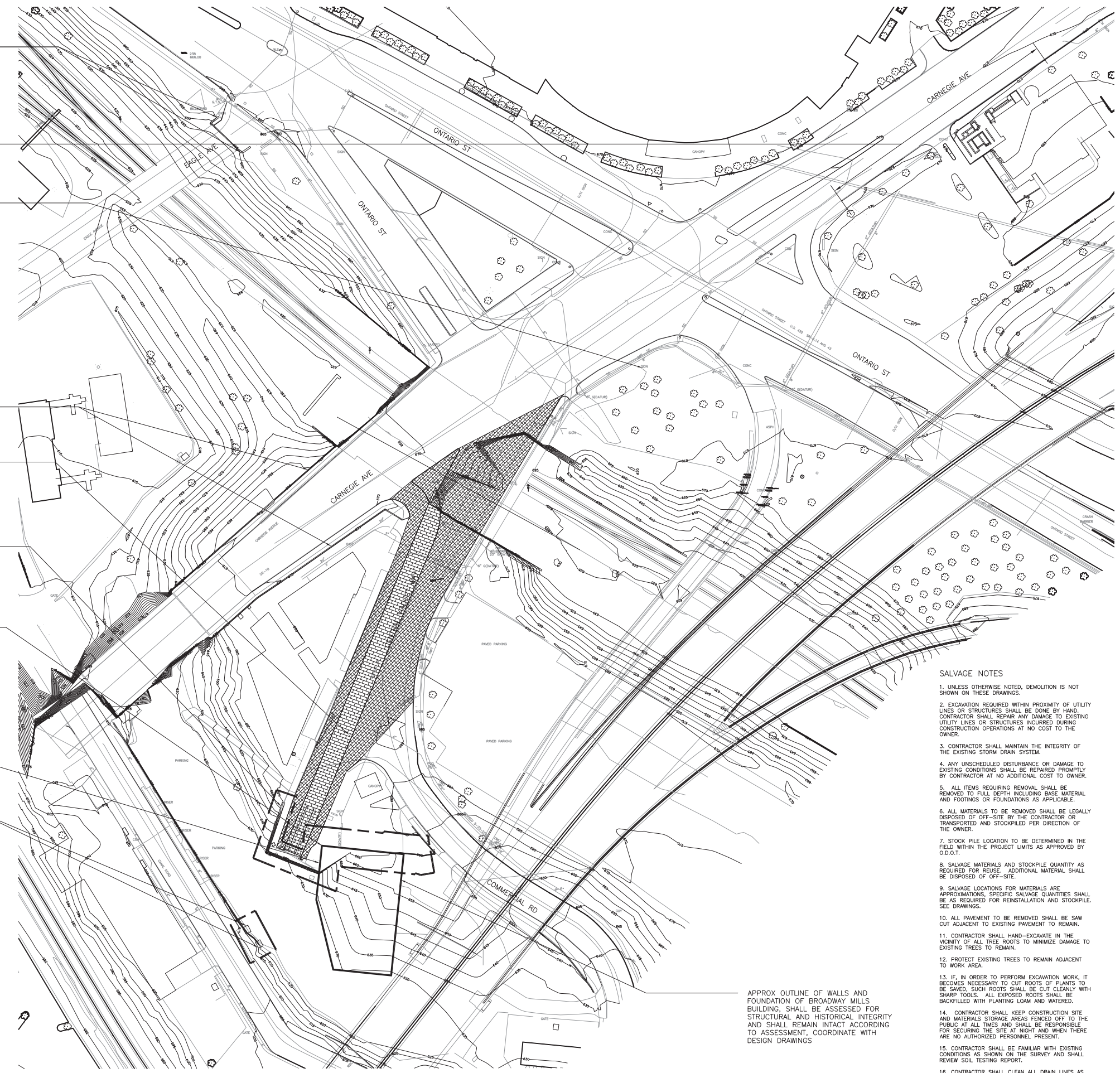
BROADWAY MILLS BUILDING FOUNDATION TO BE PRESERVED IN PLACE, SEE ANNOTATED PHOTOGRAPH

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

FENCING TO BE REPAIRED, SCRAPPED, 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**

- 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.

**MATERIALS LEGEND**

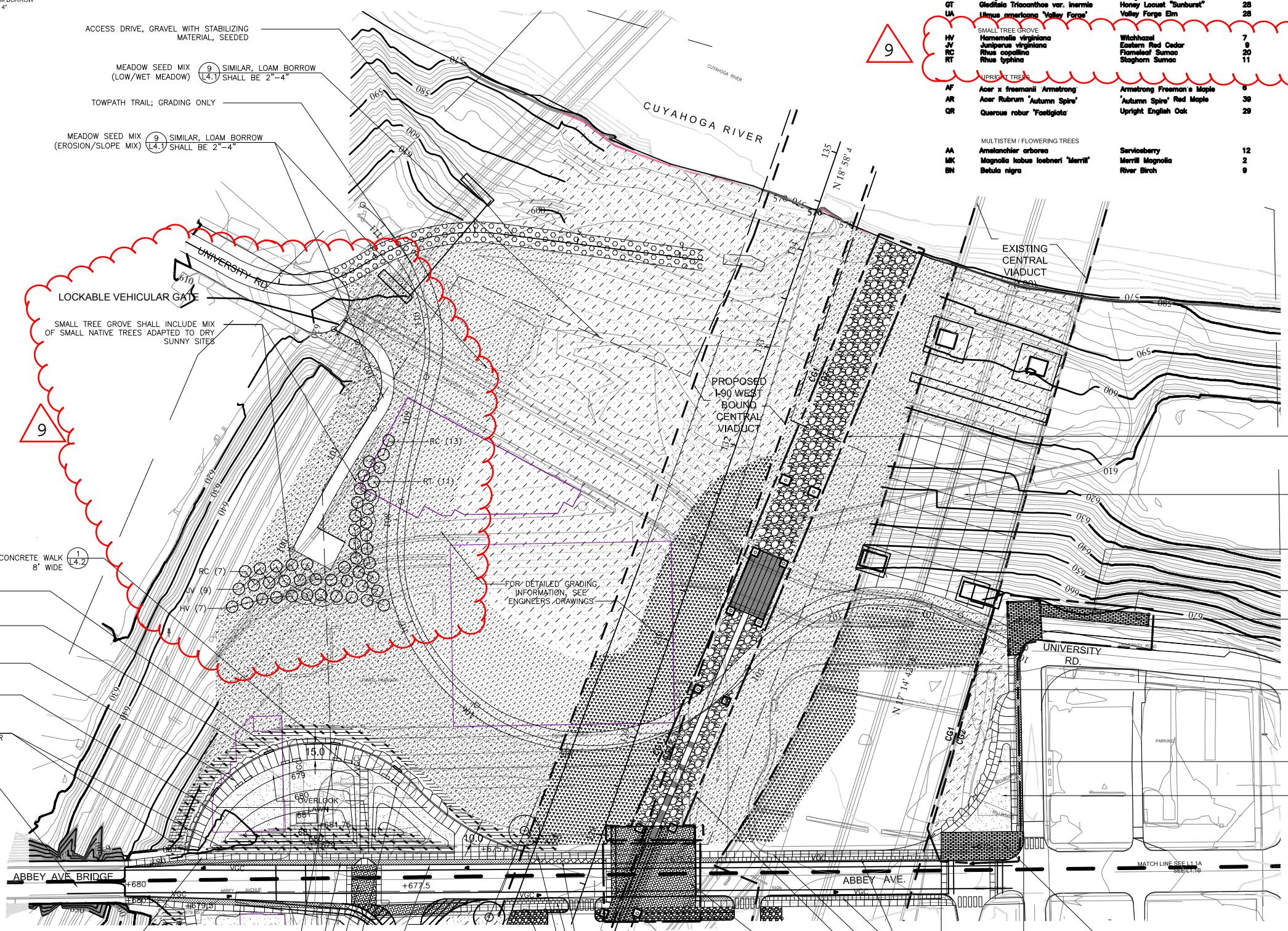
- BITUMINOUS CONCRETE PAVING
- MEADOW PLANTING
- LAWN PLANTING
- RIP RAP
- GRAVEL
- STONE "TREETLAWN" / MORTARED STONE SLOPE
- CONCRETE PAVING
- KEYED STONE SLOPE
- STABILIZED VEHICULAR PATH
- MEDINA BLOCKS (EXISTING STONE PAVERS)
- CONCRETE UNIT PAVER 'A'
- METAL GRATE
- BENCH
- TREE PLANTING
- ORNAMENTAL FENCE
- CROSSWALK
- RAILING
- CURB
- ACCESSIBLE RAMP TYPE 1
- ACCESSIBLE RAMP TYPE 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, BIOGRADABLE JUTE MESH CLOTH INSTALLED TO MANUFACTURERS' INSTRUCTIONS. UPON FINISH GRADING OF TOPSOIL, SLOPES SHALL BE HYDROSEEDED WITH MEADOW MIX AND COVERED IMMEDIATELY WITH SLOPE PROTECTION. WITHIN THE WEST BOUND I-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.

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

SYMBOL	SCIENTIFIC NAME	COMMON NAME	QUANTITY	SIZE	REMARKS
<b>SHADE TREES TYPE 'A'</b>					
AR1	<i>Acer rubrum</i>	Red Maple	40	4 - 6" cal.	B&B
GB	<i>Ginkgo biloba</i>	Ginkgo	10	4 - 6" cal.	B&B
GT	<i>Quercus tinctoria</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
<b>SMALL TREE GROVE</b>					
HV	<i>Hamelia virginiana</i>	Witchhazel	7	15 - 20 ft.	B&B
JV	<i>Juniperus virginiana</i>	Eastern Red Cedar	9	12 - 15 ft.	B&B
RC	<i>Rhus copallina</i>	Flameleaf Sumac	20	12 - 15 ft.	B&B
RT	<i>Rhus typhina</i>	Staghorn Sumac	11	12 - 15 ft.	B&B
<b>UPRIGHT TREES</b>					
AF	<i>Acer x freemanii</i> 'Armstrong'	Armstrong Freeman's Maple	9	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
<b>MULTISTEM / FLOWERING TREES</b>					
AA	<i>Amelanchier arborea</i>	Serviceberry	12	10-12 ft.	B&B, Multi-Stem
MK	<i>Magnolia kobus</i> 'Imaneri' '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



- LEANING RAIL W/ INTERPRETIVE PANELS (2 @ 12.2)
- STONE OVERLOOK (2 @ 12.5)
- CONCRETE WALK (WIDTH VARIES, 10-15') (1 @ 14.2)
- SODDED LAWN (9 @ 14.1)
- PERENNIAL MIX [CROCUS, GALANTHUS, GRAPE HYACINTH, HERMERCALLIS, LIATRAS (CORM), NARCISSUS, TULIPA. PLANT 12" O.C.] (7 @ 14.1) SIMILAR
- ABBAY AVE. BRIDGE IMPROVEMENTS. SEE ENGINEERS DRAWINGS (BRIDGE IS APPROX. 1100 FT. LONG)

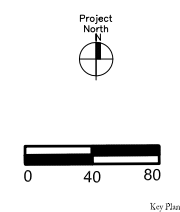
- OLD CENTRAL VIADUCT OVERLOOK, CG2, N.I.C.
- EXISTING CONCRETE PAVED SLOPE BENEATH BRIDGE SHALL REMAIN AND BE PROTECTED.
- WORK SHOWN WITHIN THIS AREA IS CG2
- RAILING (2 @ 12.2)
- SPECIALTY PAVER TYPE A (4 @ 14.2)
- CONCRETE WALK (6' WIDE) (1 @ 14.2)
- CONCRETE WALK (6' WIDE) (1 @ 14.2)
- SODDED LAWN, TYP. (9 @ 14.1)

NOTE: GRADING W/IN OVERLOOK LAWN IS CONCEPTUAL, CONTRACTOR SHALL MODIFY TO FIT PROPOSED FINISH GRADES.

- CONCRETE WALK (6' WIDE), TYP. (1 @ 14.2)
- INTERPRETIVE PANEL. CONTENT SHALL INCLUDE INFORMATION ON THE TOWPATH TRAIL, INDUSTRIAL RIVER VALLEY AND CLEVELAND SKYLINE (6 @ 12.2)
- TREE, LAWN, TYP. (1 @ 14.1, 9 @ 14.1)
- CONCRETE UNIT PAVER A. VEHICULAR (4 @ 14.2)
- BENCH, TYP. (1 @ 14.4)
- 4" LAWN EDGE
- STONE TREE LAWN, TYP. (10 @ 14.2)
- 6" WIDE CONCRETE SIDEWALK (1 @ 14.2)
- STONE TREE LAWN, TYP. (10 @ 14.2)
- 6" WIDE CONCRETE SIDEWALK (1 @ 14.2)
- OLD CENTRAL VIADUCT OVERLOOK, CG2, N.I.C. (1 @ 12.5)
- ABBAY AVE. CROSSING PAVING AT OLD CENTRAL VIADUCT OVERLOOK, CG1 (1 @ 12.5)
- STONE TREE LAWN, TYP. (10 @ 14.2)
- 6" WIDE CONCRETE SIDEWALK (1 @ 14.2)
- OLD CENTRAL VIADUCT OVERLOOK, CG2, N.I.C. (4 @ 14.2)
- SPECIALTY PAVER TYPE A, CG2, N.I.C. CG1 CONDITION IS CONCRETE SIDEWALK 6' WIDE, TYP. (4 @ 14.2)

**25% DESIGN DOCUMENTS NOT FOR CONSTRUCTION**

No.	Date	Revision



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

**25% DESIGN DOCUMENTS  
NOT FOR CONSTRUCTION**

No. Date Revision

No.	Date	Revision

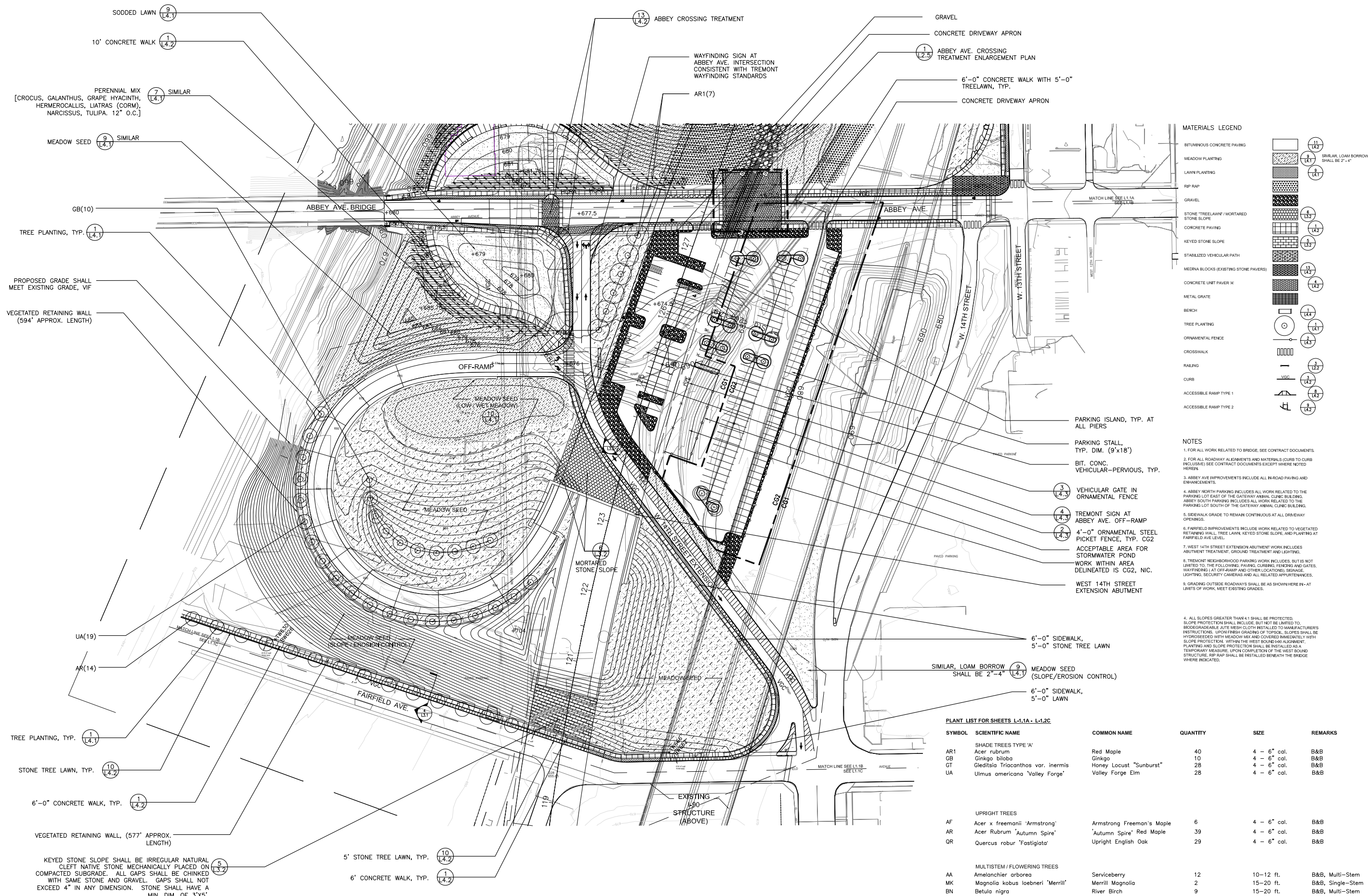
Project North



0 40 80  
Key Plan

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

**Tremont Plan  
L1.1B**



**MATERIALS LEGEND**

BITUMINOUS CONCRETE PAVING	(Symbol)
MEADOW PLANTING	(Symbol)
LAWN PLANTING	(Symbol)
RIP RAP	(Symbol)
GRAVEL	(Symbol)
STONE "TRELAWN" / MORTARED STONE SLOPE	(Symbol)
CONCRETE PAVING	(Symbol)
KEYED STONE SLOPE	(Symbol)
STABILIZED VEHICULAR PATH	(Symbol)
MEDINA BLOCKS (EXISTING STONE PAVERS)	(Symbol)
CONCRETE UNIT PAVEMENT	(Symbol)
METAL GRATE	(Symbol)
BENCH	(Symbol)
TREE PLANTING	(Symbol)
ORNAMENTAL FENCE	(Symbol)
CROSSWALK	(Symbol)
RAILING	(Symbol)
CURB	(Symbol)
ACCESSIBLE RAMP TYPE 1	(Symbol)
ACCESSIBLE RAMP TYPE 2	(Symbol)

**NOTES**

- FOR ALL WORK RELATED TO BRIDGE, SEE CONTRACT DOCUMENTS.
- FOR ALL ROADWAY ALIGNMENTS AND MATERIALS (CURB TO CURB INCLUDES) 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 ANNUAL CLINIC BUILDING. ABBEE SOUTH PARKING INCLUDES ALL WORK RELATED TO THE PARKING LOT SOUTH OF THE GATEWAY ANNUAL 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), SEWAGE, LIGHTING, SECURITY CAMERAS AND ALL RELATED APPURTENANCES.
- GRADING OUTSIDE ROADWAYS SHALL BE AS SHOWN HEREIN - AT LIMITS OF WORK, MEET EXISTING GRADES.
- 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 BOUNDARY ALIGNMENT, PLANTING AND SLOPE PROTECTION SHALL BE INSTALLED AS A TEMPORARY MEASURE. UPON COMPLETION OF THE WEST BOUNDARY STRUCTURE, RIP RAP SHALL BE INSTALLED BENEATH THE BRIDGE WHERE INDICATED.

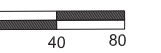
**PLANT LIST FOR SHEETS L-1.1A - L-1.2C**

SYMBOL	SCIENTIFIC NAME	COMMON NAME	QUANTITY	SIZE	REMARKS
AR1	SHADE TREES TYPE 'A'				
AR	<i>Acer rubrum</i>	Red Maple	40	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</i> "Valley Forge"	Valley Forge Elm	28	4 - 6" cal.	B&B
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
AA	<i>Amelanchier arborea</i>	Serviceberry	12	10-12 ft.	B&B, Multi-Stem
MK	<i>Magnolia kobus toebneri</i> "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

PLOT DATE:  
FILE NAME:  
XREF FILES:

**25% DESIGN DOCUMENTS  
NOT FOR CONSTRUCTION**

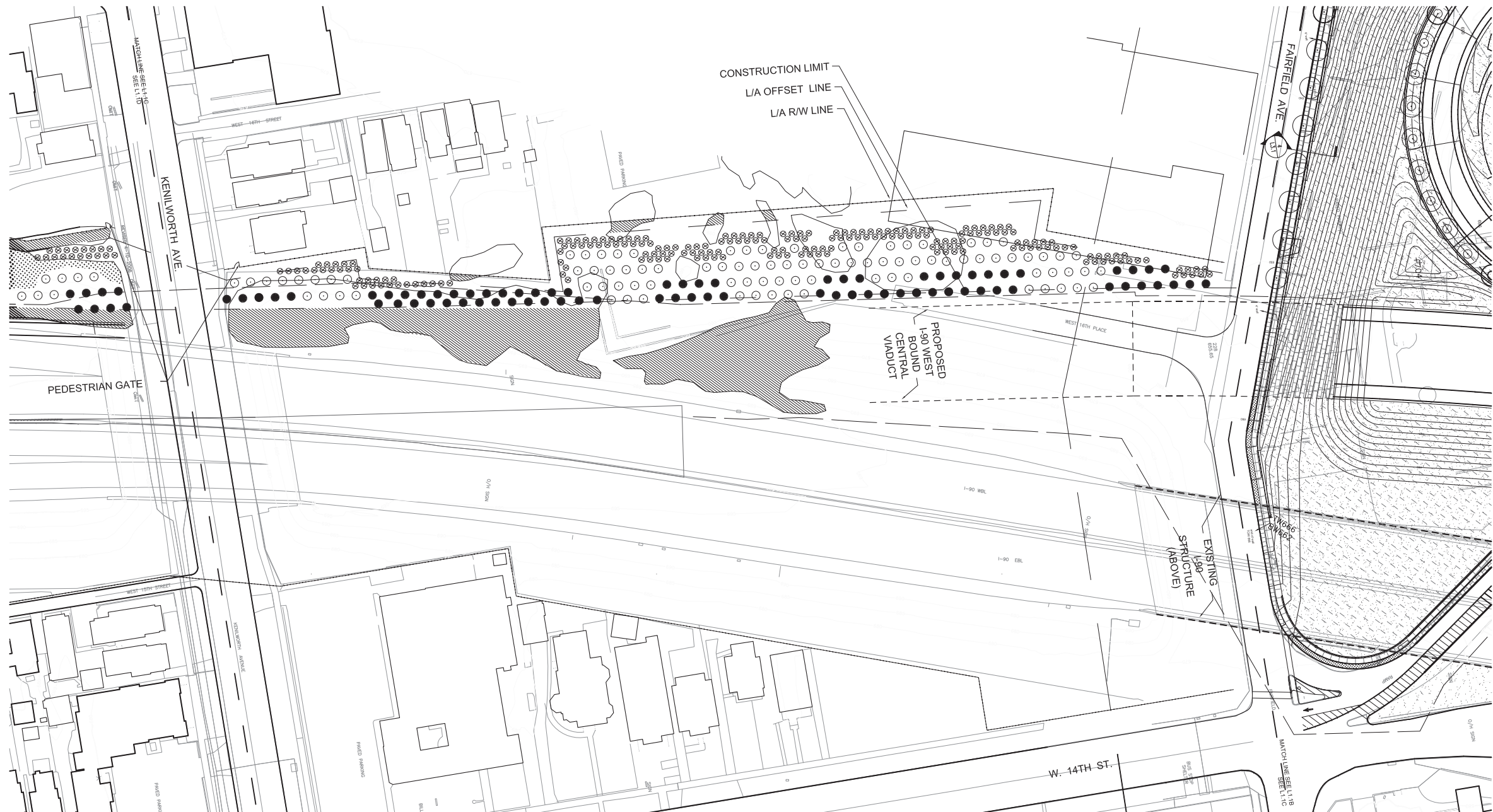
No. Date Revision

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
<b>DECIDUOUS TREES</b>					
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>Molus</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
<b>EVERGREEN TREES</b>					
PN	<i>Pineca nigra</i>	Austrian Pine	83	4' - 5' ht.	B&B
PP	<i>Pineca pungens</i>	Blue Spruce	84	4' - 5' ht.	B&B
<b>SHRUBS</b>					
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**

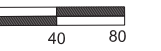
- L/A R/W LINE
- CONSTRUCTION LIMITS
- OFFSET LINE
- ⊗ DECIDUOUS SHRUB
- EVERGREEN TREE
- DECIDUOUS TREE
- ▨ EXISTING VEGETATION TO REMOVE
- ▩ EXISTING VEGETATION TO IMPROVE

PLOT DATE:  
FILE NAME:  
XREF FILES:



**25% DESIGN DOCUMENTS  
NOT FOR CONSTRUCTION**

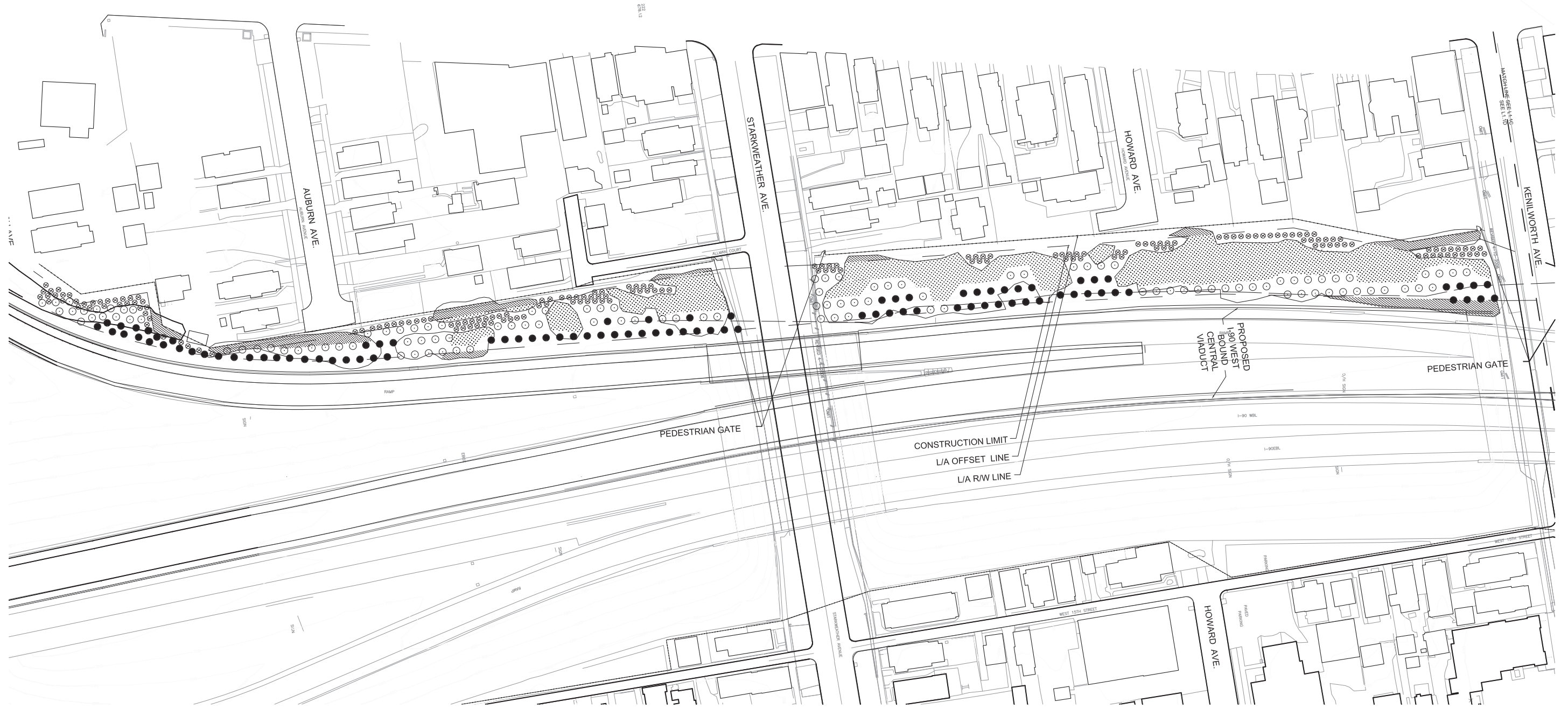
No. Date Revision

Key Plan

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

**Tremont Plan  
L1.1D**



PROPOSED  
1.90 WEST  
BOUND  
CENTRAL  
VIADUCT

PEDESTRIAN GATE

CONSTRUCTION LIMIT  
L/A OFFSET LINE  
L/A R/W LINE

PEDESTRIAN GATE

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

SYMBOL	SCIENTIFIC NAME	COMMON NAME	QUANTITY	SIZE	REMARKS
<b>DECIDUOUS TREES</b>					
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>Koeleria 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
<b>EVERGREEN TREES</b>					
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
<b>SHRUBS</b>					
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

PLOT DATE:  
FILE NAME:  
XREF FILES:

25% DESIGN DOCUMENTS  
NOT FOR CONSTRUCTION

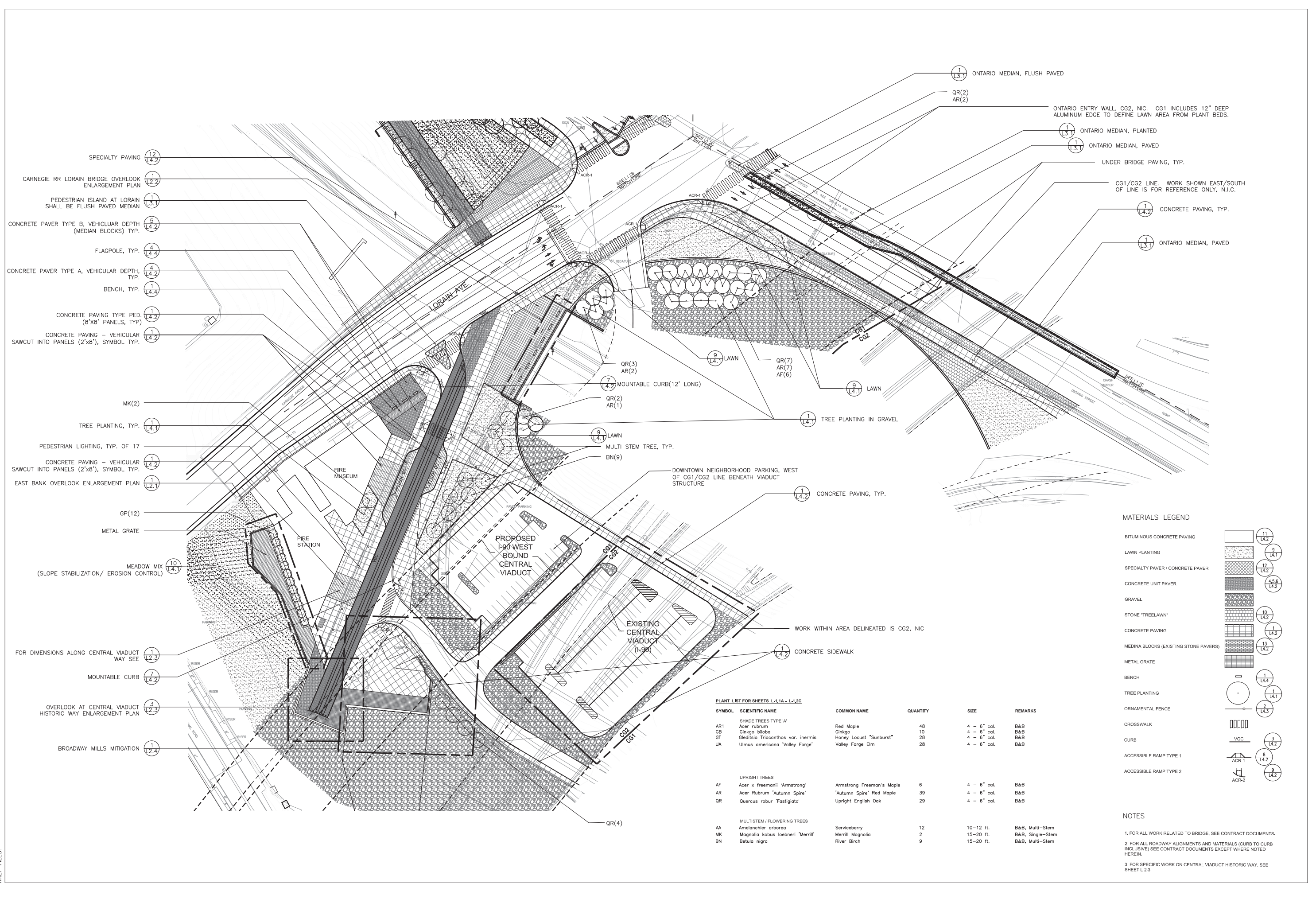
No. Date Revision




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 (3) (L4.2)
- CURB (8) (L4.2)
- ACCESSIBLE RAMP TYPE 1 (9) (L4.2)
- ACCESSIBLE RAMP TYPE 2

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

SYMBOL	SCIENTIFIC NAME	COMMON NAME	QUANTITY	SIZE	REMARKS
<b>SHADE TREES TYPE 'A'</b>					
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
<b>UPRIGHT TREES</b>					
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
<b>MULTISTEM / FLOWERING TREES</b>					
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**

- 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.
- FOR SPECIFIC WORK ON CENTRAL VIADUCT HISTORIC WAY, SEE SHEET L-2.3

PLOT DATE:  
FILE NAME:  
XREF FILES:

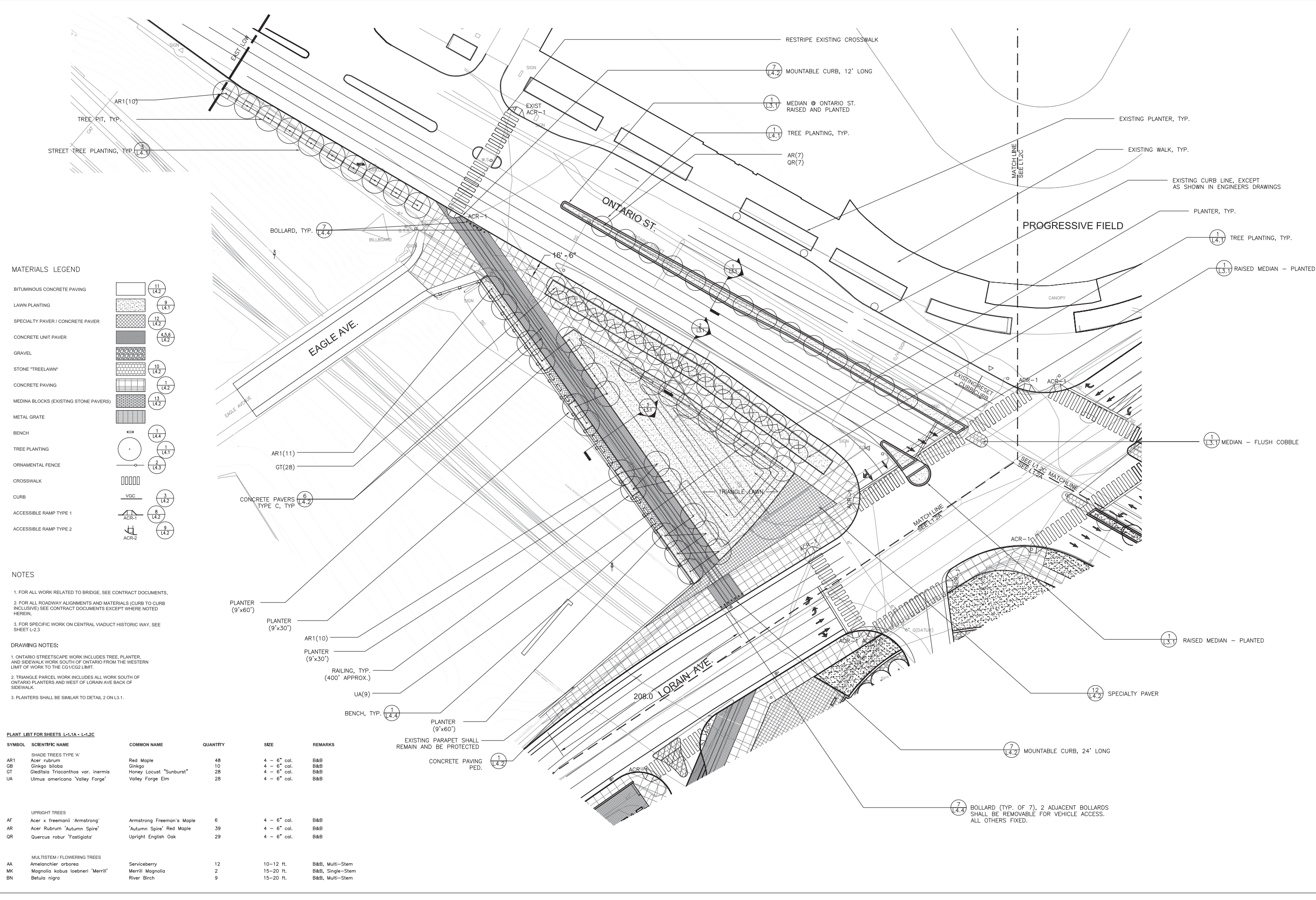
**25% DESIGN DOCUMENTS  
NOT FOR CONSTRUCTION**

No. Date Revision




Key Plan

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



**MATERIALS LEGEND**

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

**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.
- FOR SPECIFIC WORK ON CENTRAL VIADUCT HISTORIC WAY, SEE SHEET L-2.3.

**DRAWING NOTES:**

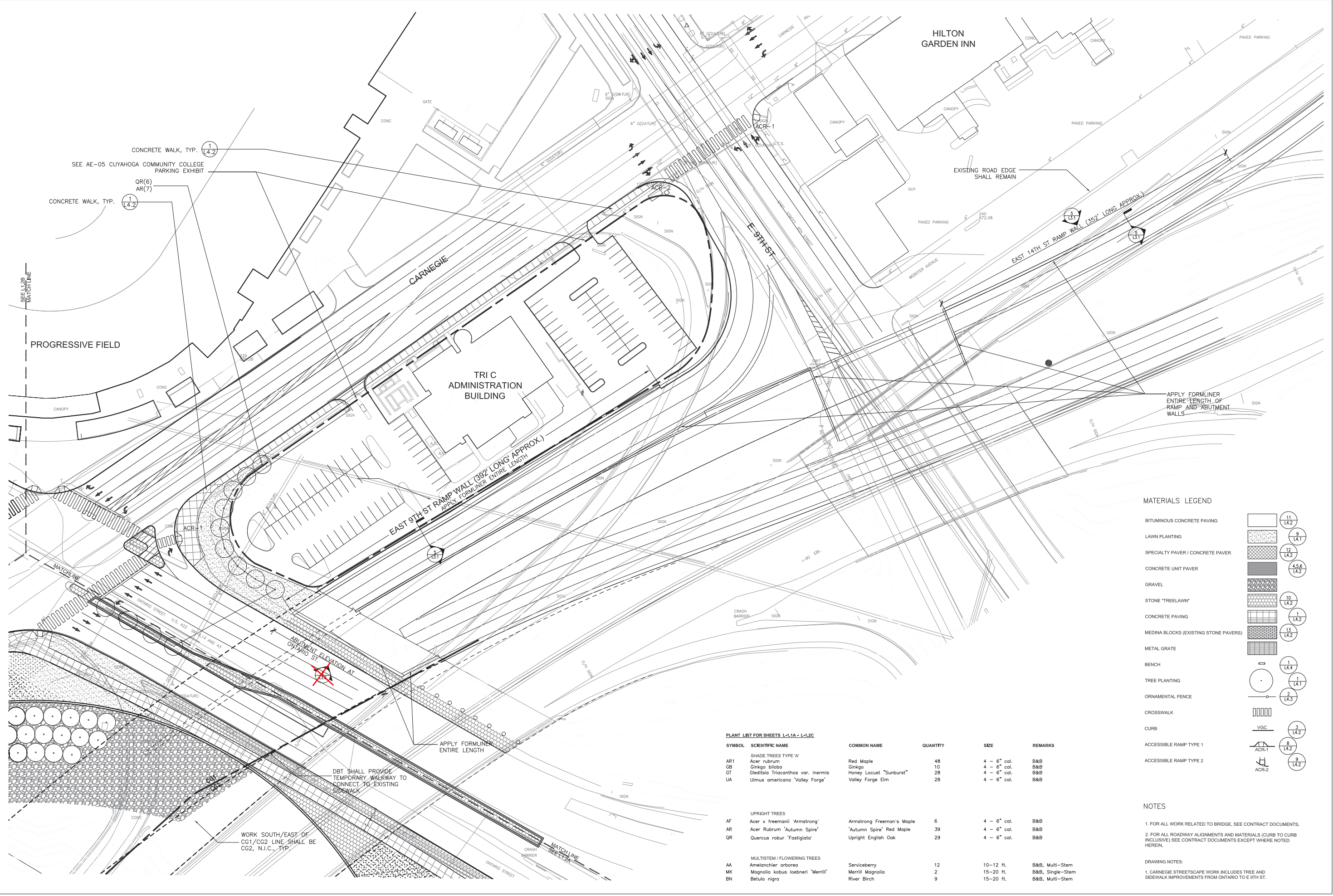
- ONTARIO STREETScape WORK INCLUDES TREE, PLANTER, AND SIDEWALK WORK SOUTH OF ONTARIO FROM THE WESTERN LIMIT OF WORK TO THE CG1/CG2 LIMIT.
- TRIANGLE PARCEL WORK INCLUDES ALL WORK SOUTH OF ONTARIO PLANTERS AND WEST OF LORAIN AVE BACK OF SIDEWALK.
- PLANTERS SHALL BE SIMILAR TO DETAIL 2 ON L3.1.

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

SYMBOL	SCIENTIFIC NAME	COMMON NAME	QUANTITY	SIZE	REMARKS
AR1	SHADE TREES TYPE 'A'				
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
<b>UPRIGHT TREES</b>					
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
<b>MULTISTEM / FLOWERING TREES</b>					
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

PLOT DATE:  
FILE NAME:  
XREF FILES:

**25% DESIGN DOCUMENTS  
NOT FOR CONSTRUCTION**



**MATERIALS LEGEND**

BITUMINOUS CONCRETE PAVING		11 14.2
LAWN PLANTING		9 14.1
SPECIALTY PAVER / CONCRETE PAVER		12 14.2
CONCRETE UNIT PAVER		4,5,6 14.2
GRAVEL		10 14.2
STONE "TREETLAWN"		1 14.2
CONCRETE PAVING		13 14.2
MEDINA BLOCKS (EXISTING STONE PAVERS)		1 14.2
METAL GRATE		1 14.4
BENCH		1 14.1
TREE PLANTING		2 14.3
ORNAMENTAL FENCE		3 14.2
CROSSWALK		8 14.2
CURB		9 14.2
ACCESSIBLE RAMP TYPE 1		1 14.2
ACCESSIBLE RAMP TYPE 2		1 14.2

**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
<b>UPRIGHT TREES</b>					
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
<b>MULTISTEM / FLOWERING TREES</b>					
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**

- 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.
- DRAWING NOTES:  
1. CARNEGIE STREETSCAPE WORK INCLUDES TREE AND SIDEWALK IMPROVEMENTS FROM ONTARIO TO E 9TH ST.

No.	Date	Revision



Key Plan

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

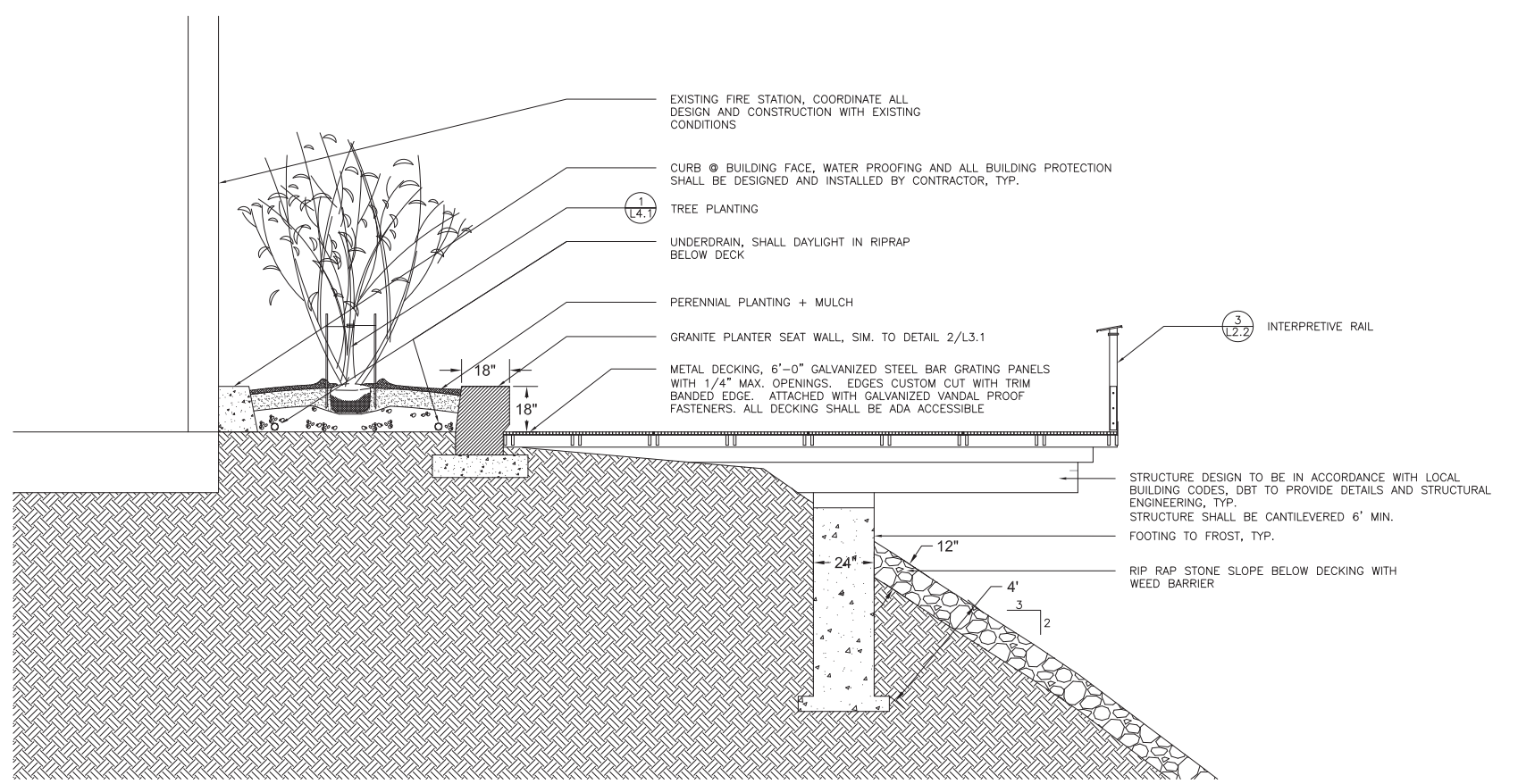
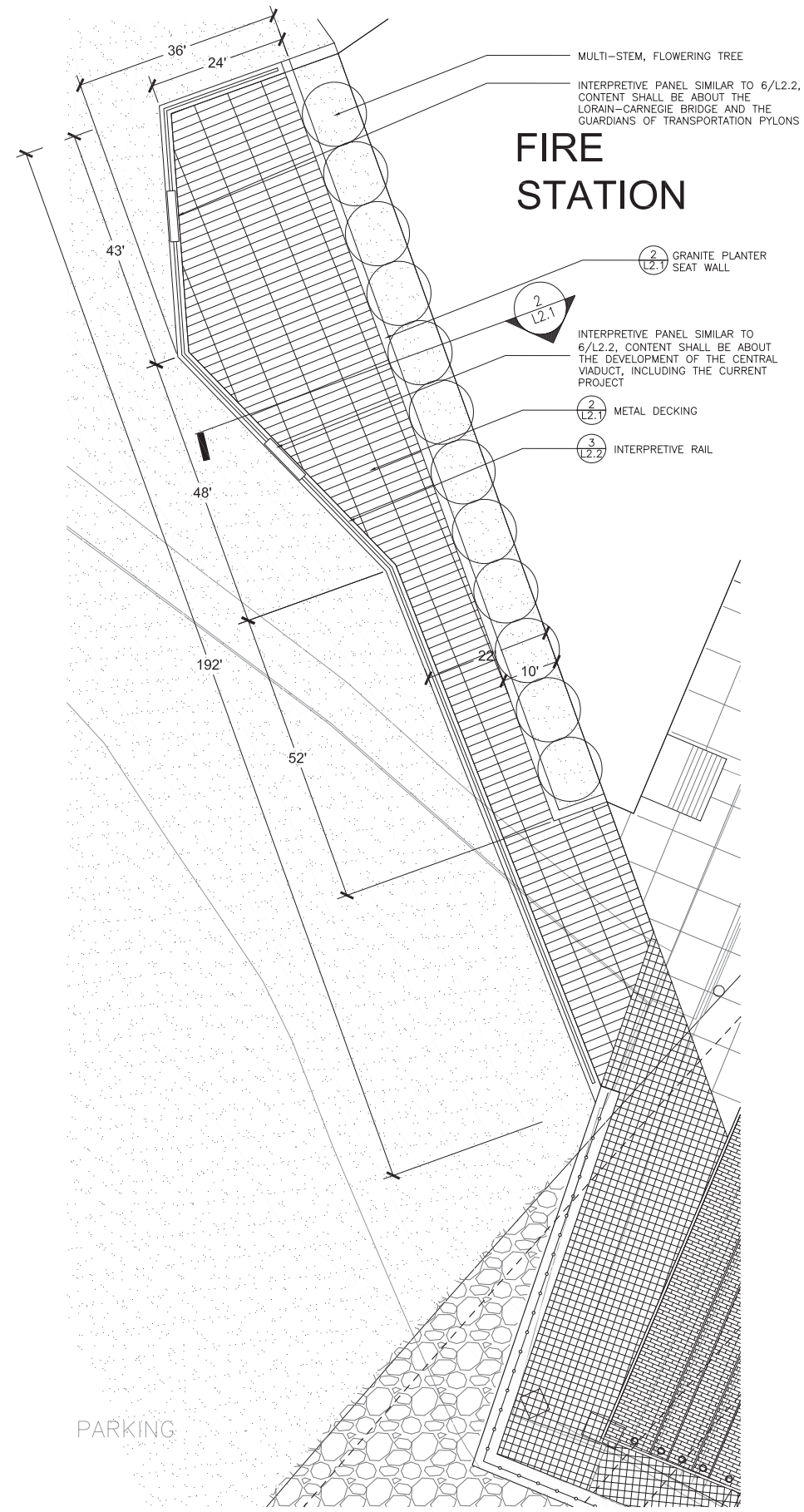
**25% DESIGN DOCUMENTS  
NOT FOR CONSTRUCTION**

No.	Date	Revision

Key Plan

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

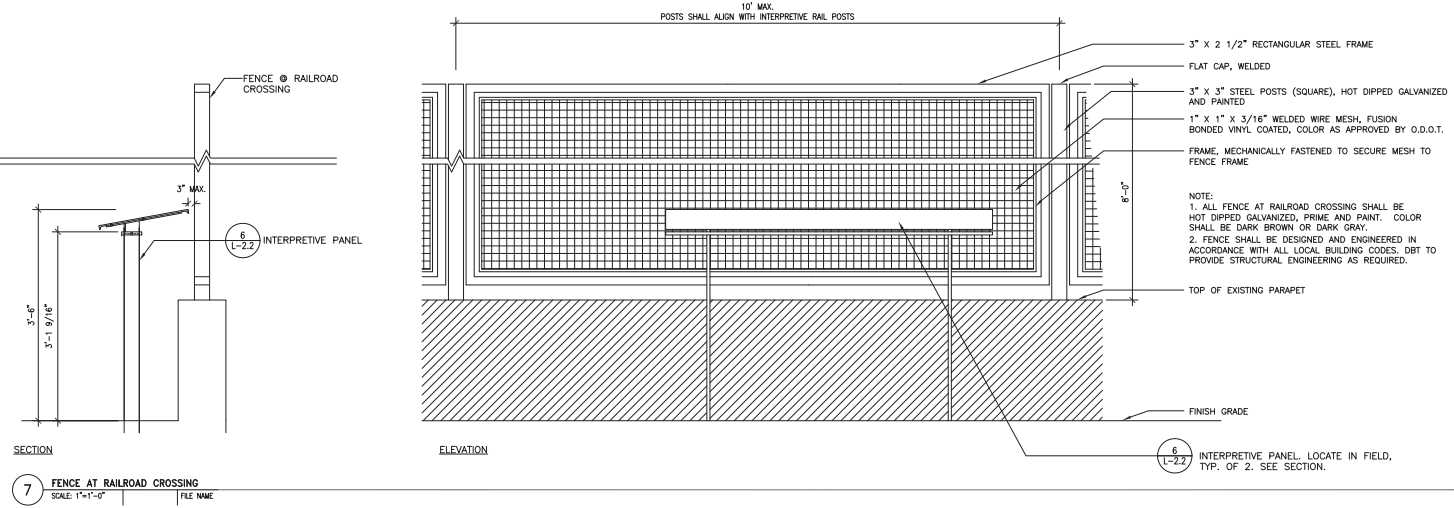
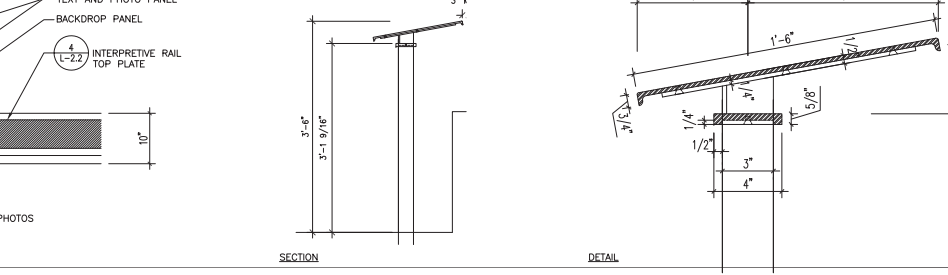
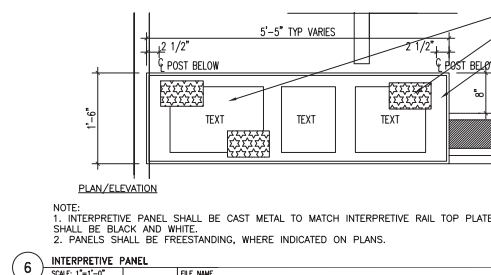
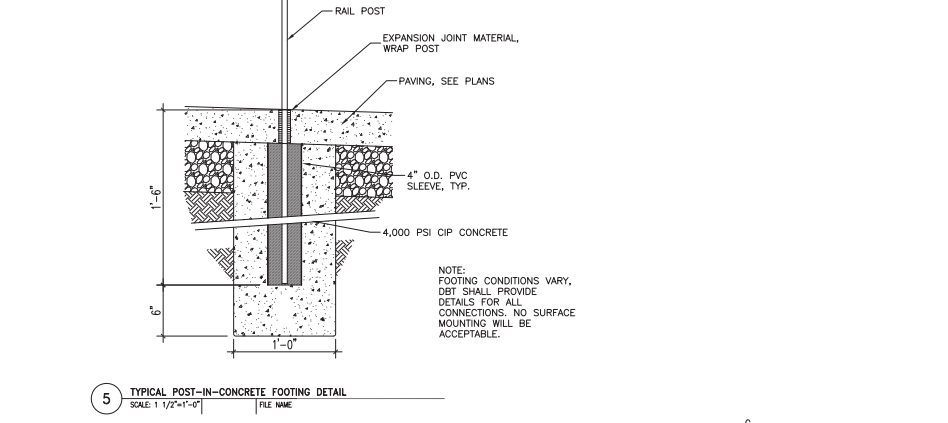
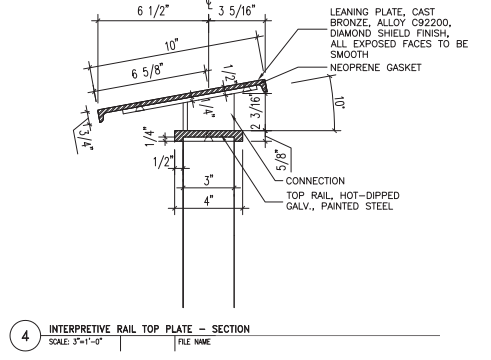
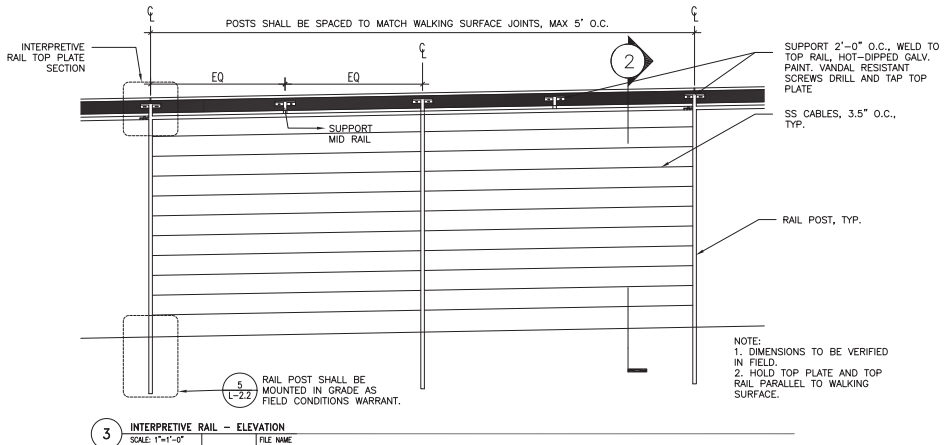
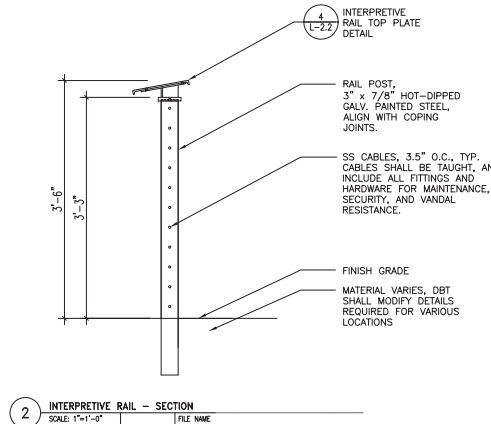
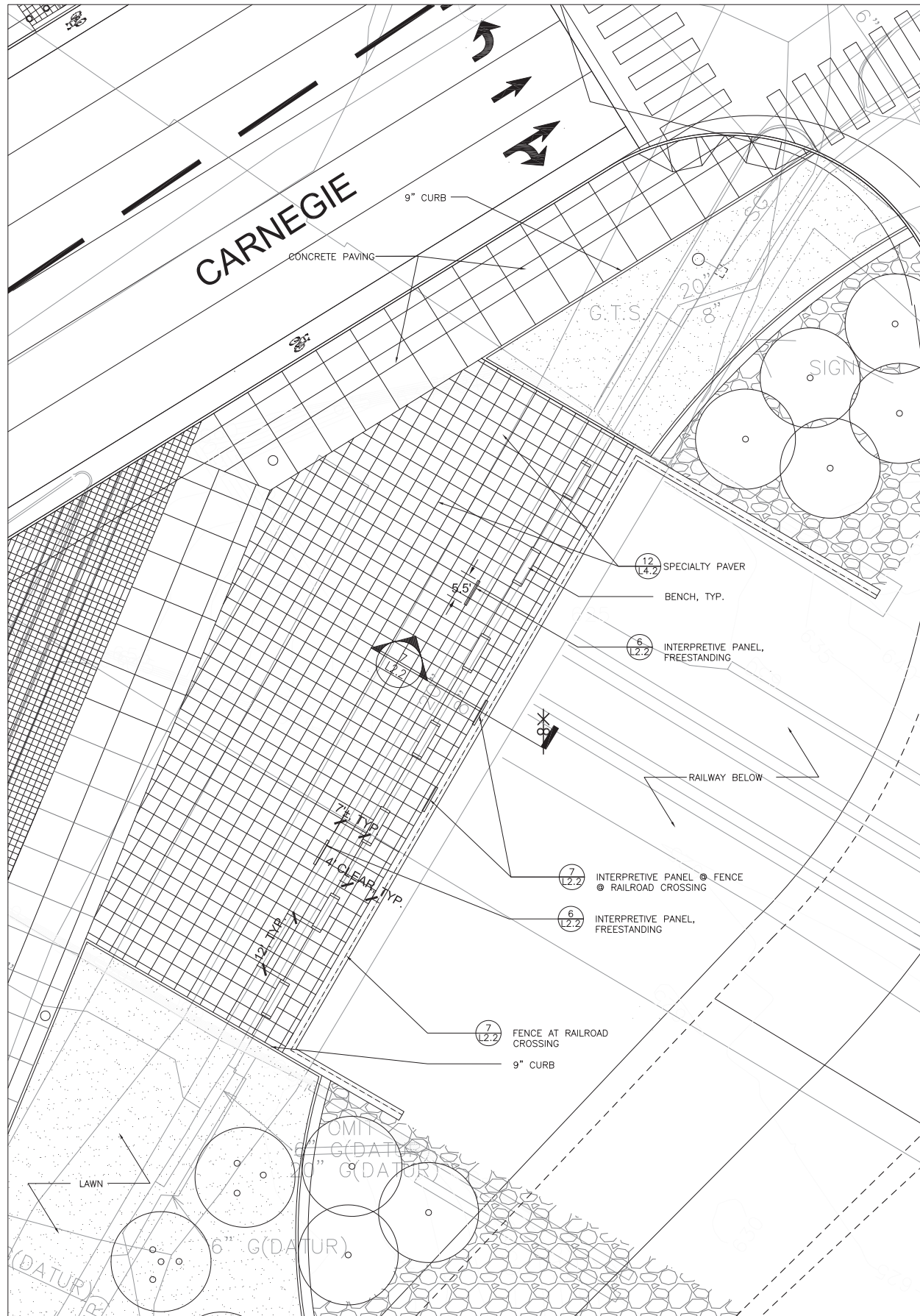
Enlargement - Gateway  
**L2.1**



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

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

2 INTERPRETIVE RAIL - SECTION  
SCALE: 1"=1'-0"  
FILE NAME

3 INTERPRETIVE RAIL - ELEVATION  
SCALE: 1"=1'-0"  
FILE NAME

4 INTERPRETIVE RAIL TOP PLATE - SECTION  
SCALE: 3"=1'-0"  
FILE NAME

5 TYPICAL POST-IN-CONCRETE FOOTING DETAIL  
SCALE: 1 1/2"=1'-0"  
FILE NAME

6 INTERPRETIVE PANEL  
SCALE: 1"=1'-0"  
FILE NAME

SECTION

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

8 INTERPRETIVE PANEL LOCATE IN FIELD, TYP. OF 2. SEE SECTION.

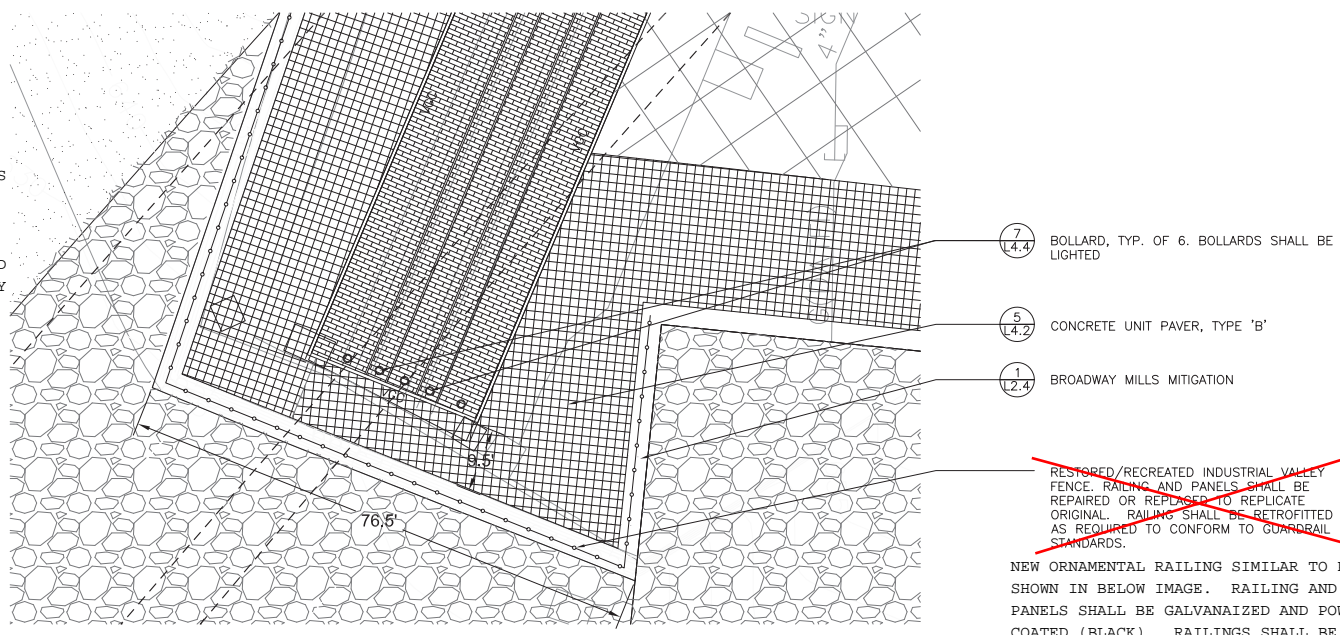
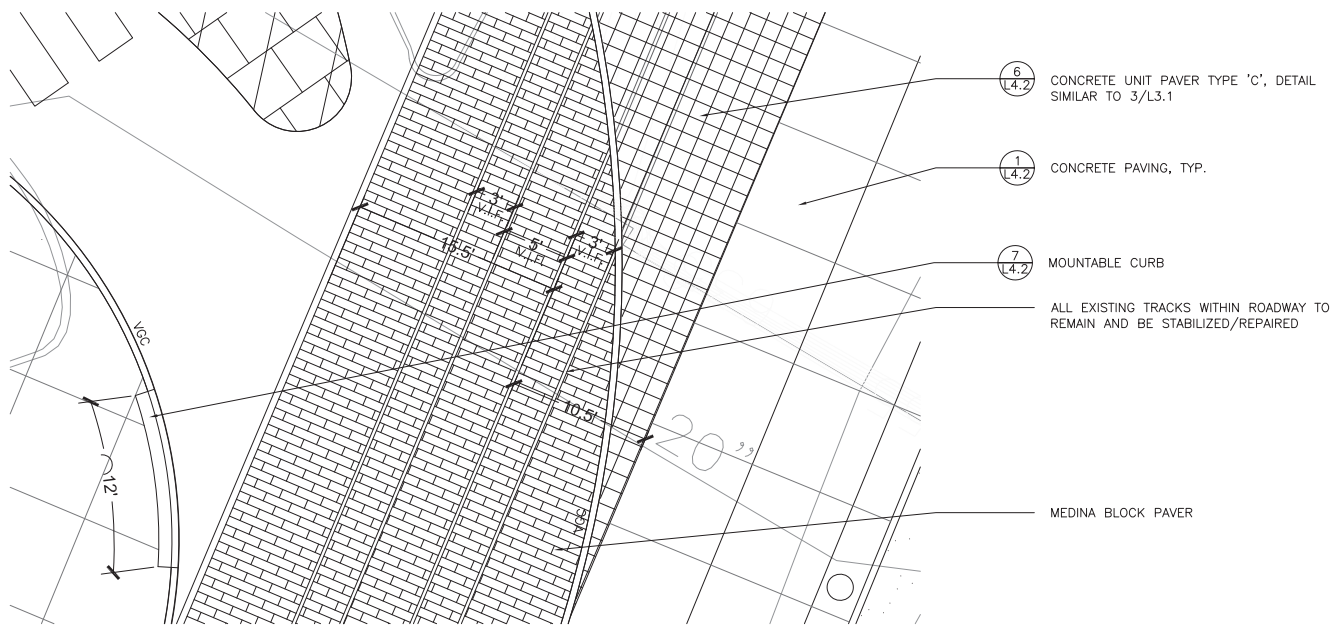
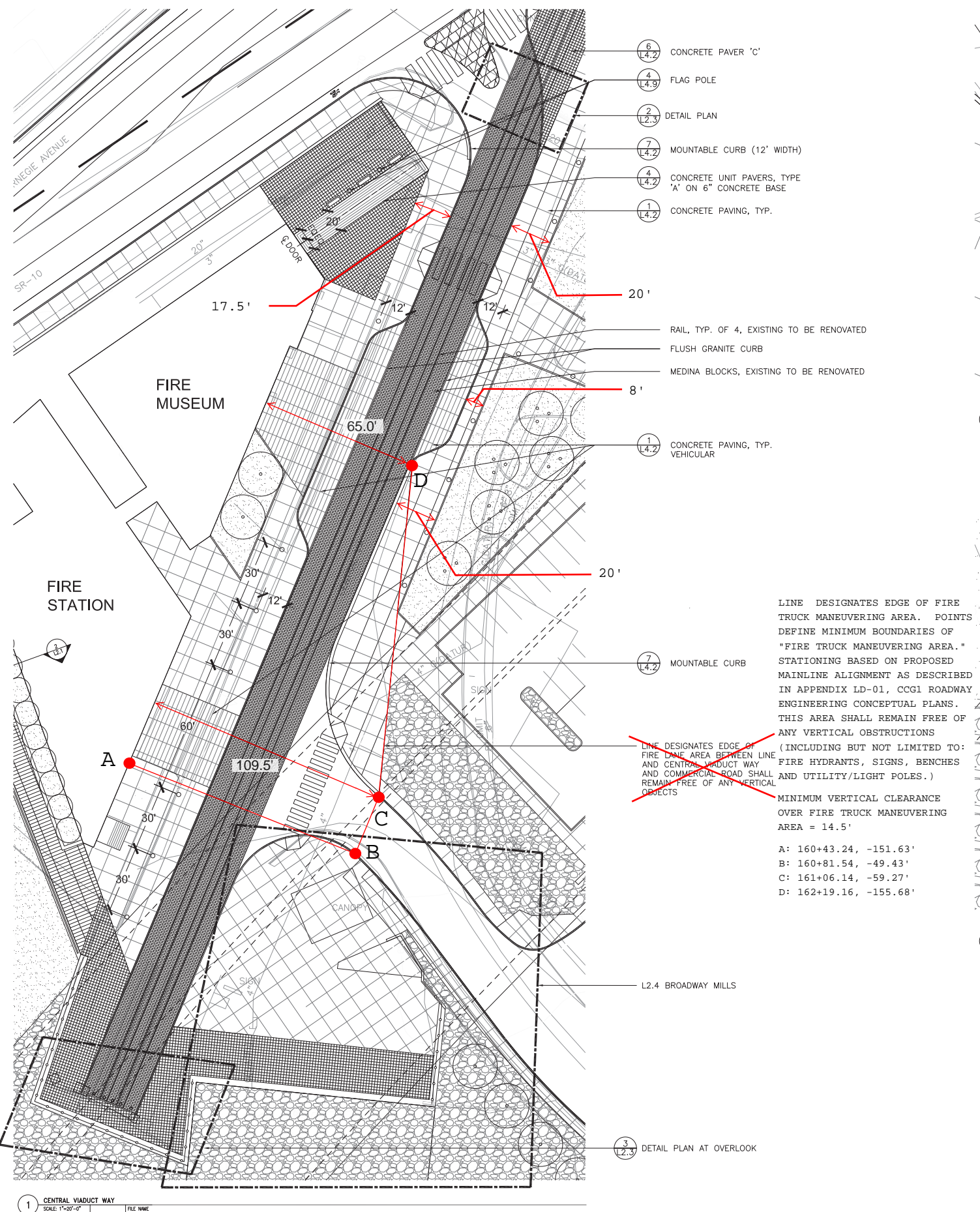
**25% DESIGN DOCUMENTS  
NOT FOR CONSTRUCTION**

No.	Date	Revision

Key Plan

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

Enlargement - Gateway  
**L2.3**

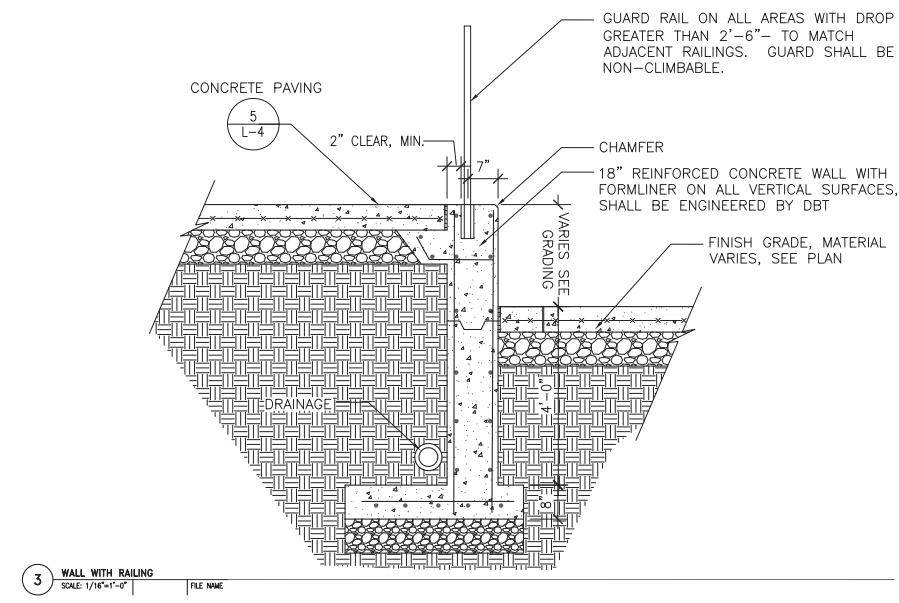
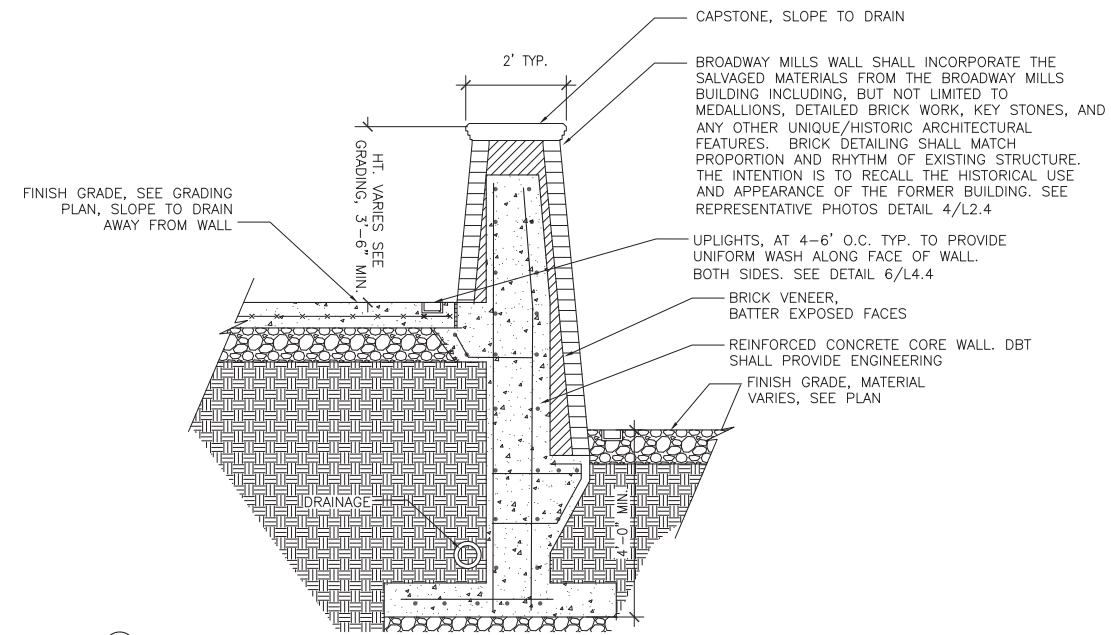
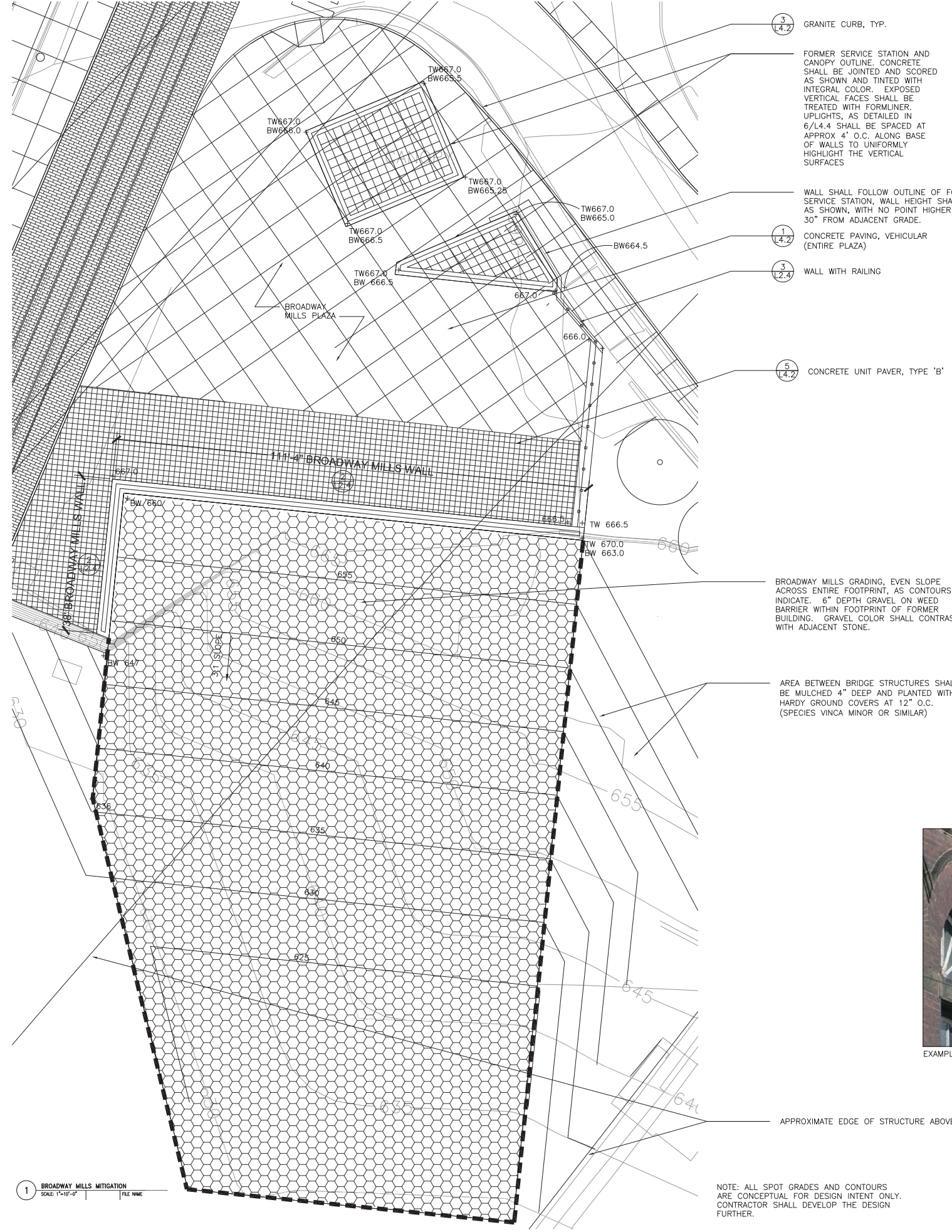


PLOT DATE:  
FILE NAME:  
XREF FILES:

No.	Date	Revision

Key Plan

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



**4 BROADWAY MILLS EXISTING IMAGES**  
SCALE: 1"=10'-0" FILE NAME



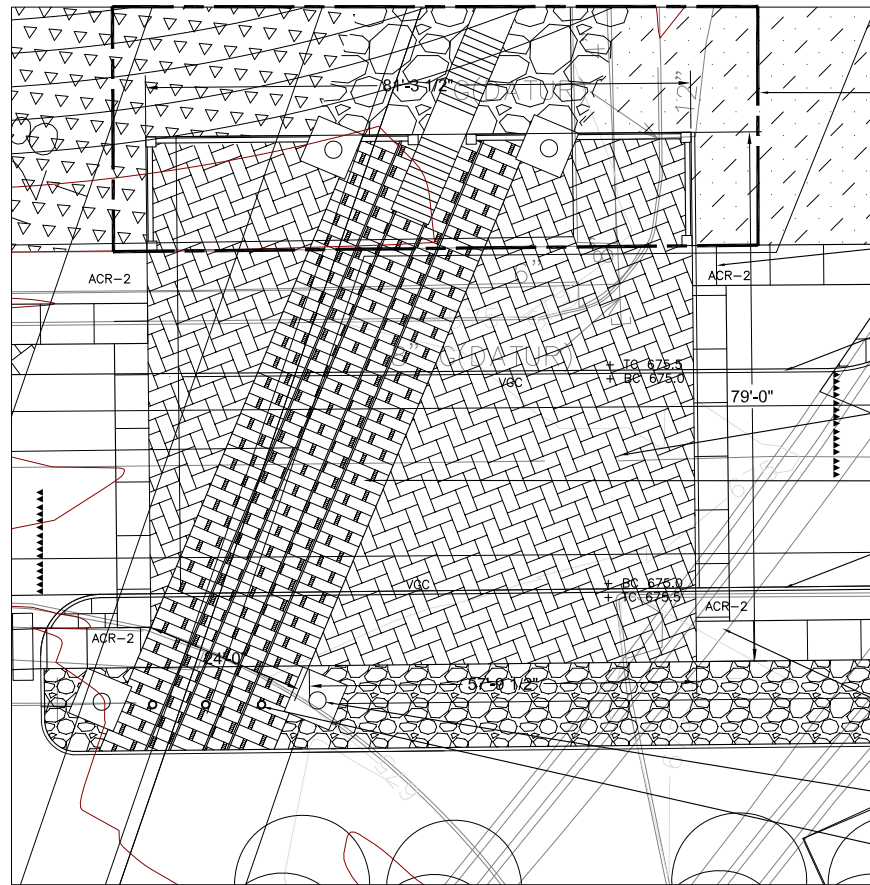
**25% DESIGN DOCUMENTS  
NOT FOR CONSTRUCTION**

No. Date Revision


Key Plan

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

Enlargement - Misc.  
**L2.5**



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

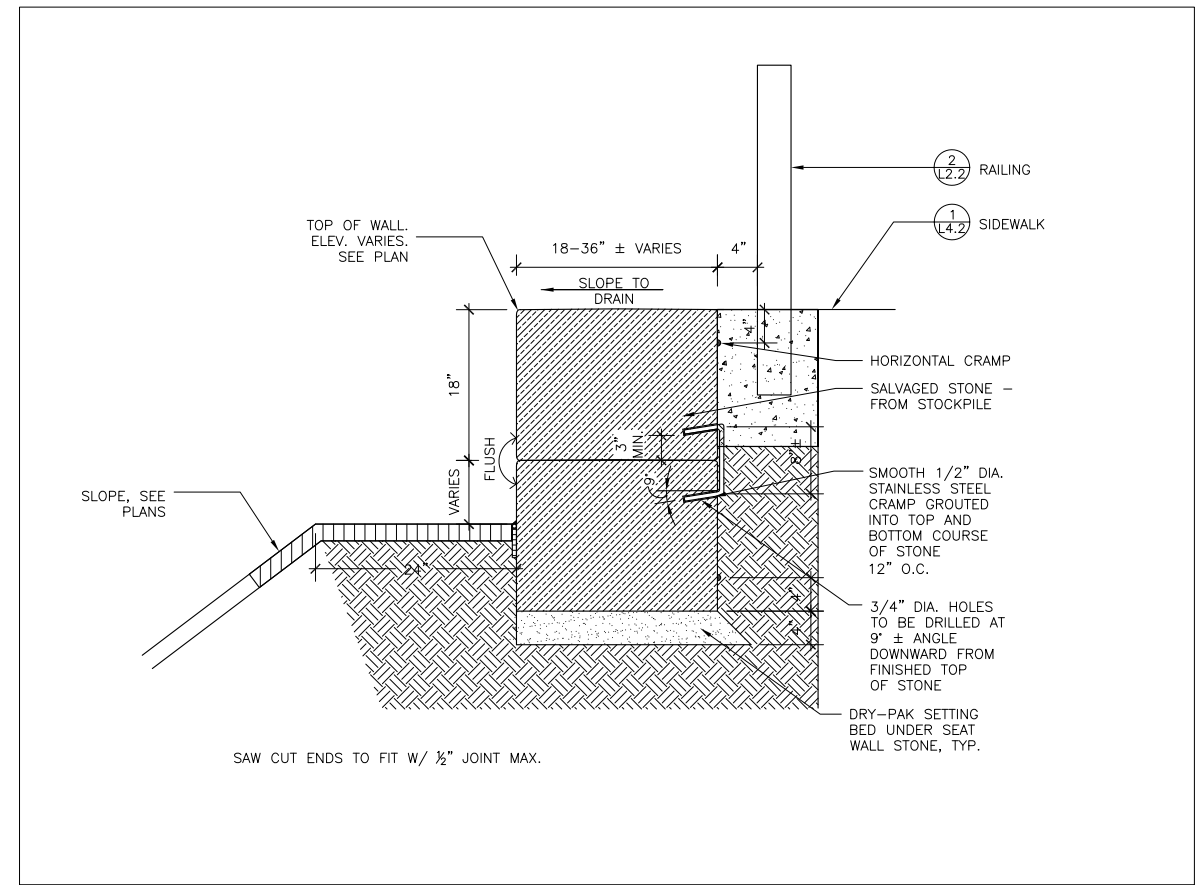
3  
L4.2  
GRANITE CURB

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



TOP OF WALL,  
ELEV. VARIES.  
SEE PLAN

18-36" ± VARIES

SLOPE TO  
DRAIN

4"

2  
L2.2  
RAILING

1  
L4.2  
SIDEWALK

HORIZONTAL CRAMP

SALVAGED STONE -  
FROM STOCKPILE

SMOOTH 1/2" DIA.  
STAINLESS STEEL  
CRAMP GROUTED  
INTO TOP AND  
BOTTOM COURSE  
OF STONE  
12" O.C.

3/4" DIA. HOLES  
TO BE DRILLED AT  
9° ± ANGLE  
DOWNWARD FROM  
FINISHED TOP  
OF STONE

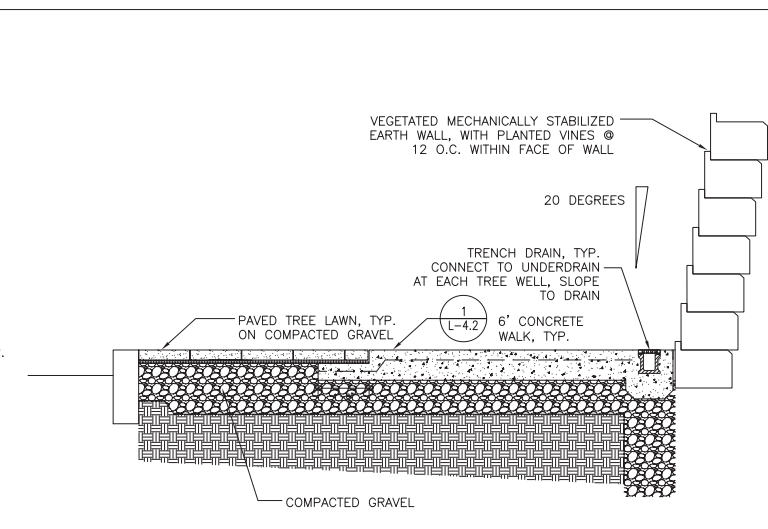
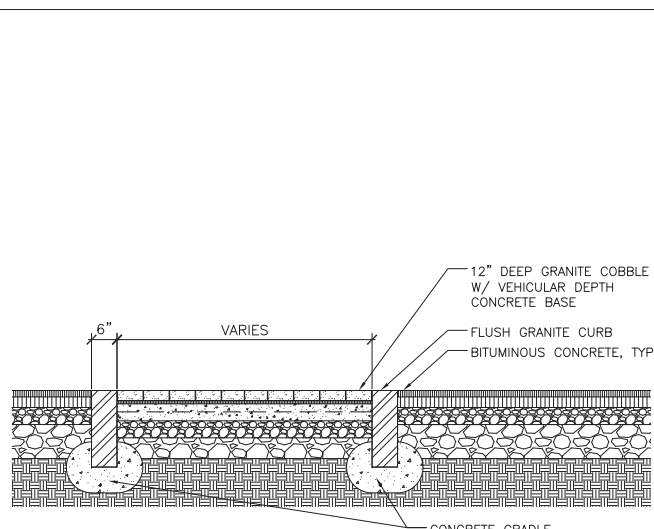
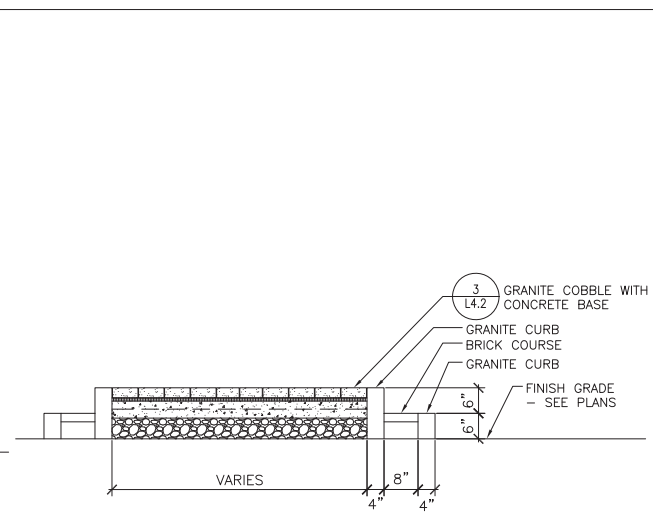
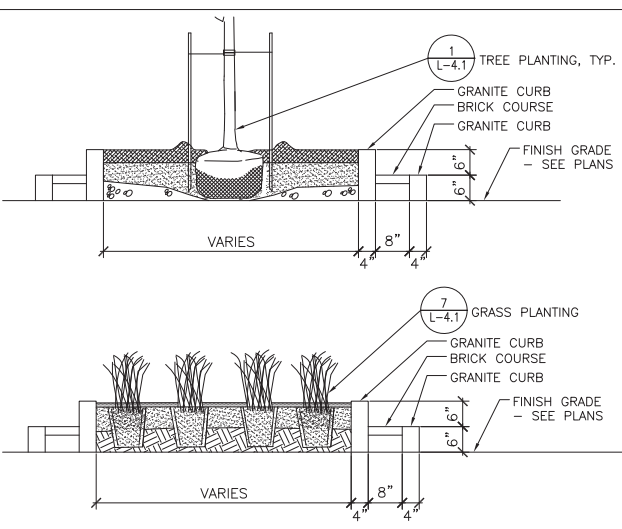
DRY-PAK SETTING  
BED UNDER SEAT  
WALL STONE, TYP.

SLOPE, SEE  
PLANS

SAW CUT ENDS TO FIT W/ 1/2" JOINT MAX.

2 STONE OVERLOOK  
SCALE: NIS  
FILE NAME

**25% DESIGN DOCUMENTS  
NOT FOR CONSTRUCTION**



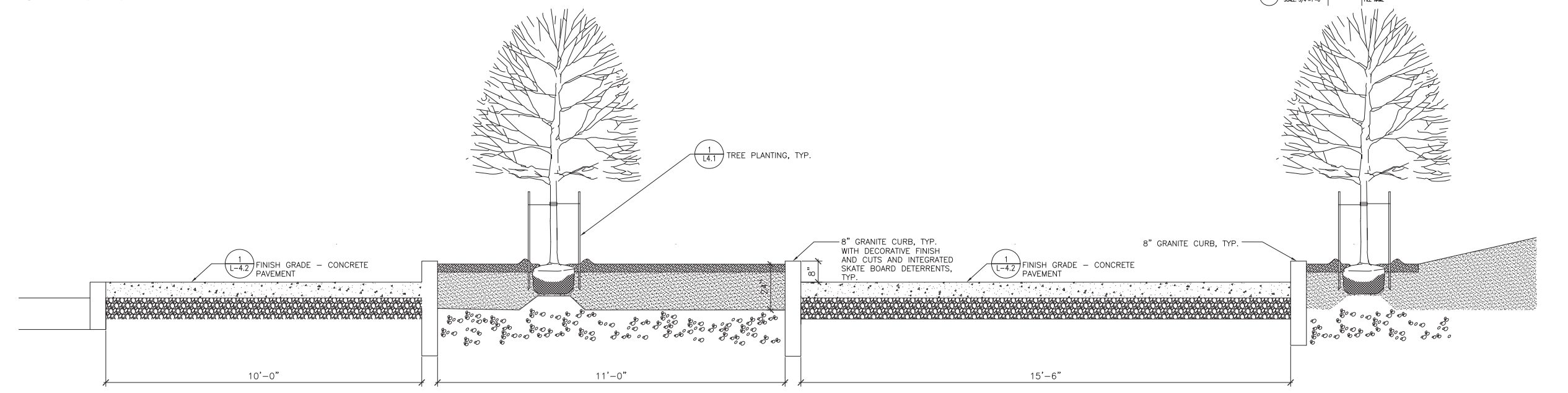
**PLANTED MEDIAN**

**PAVED MEDIAN**

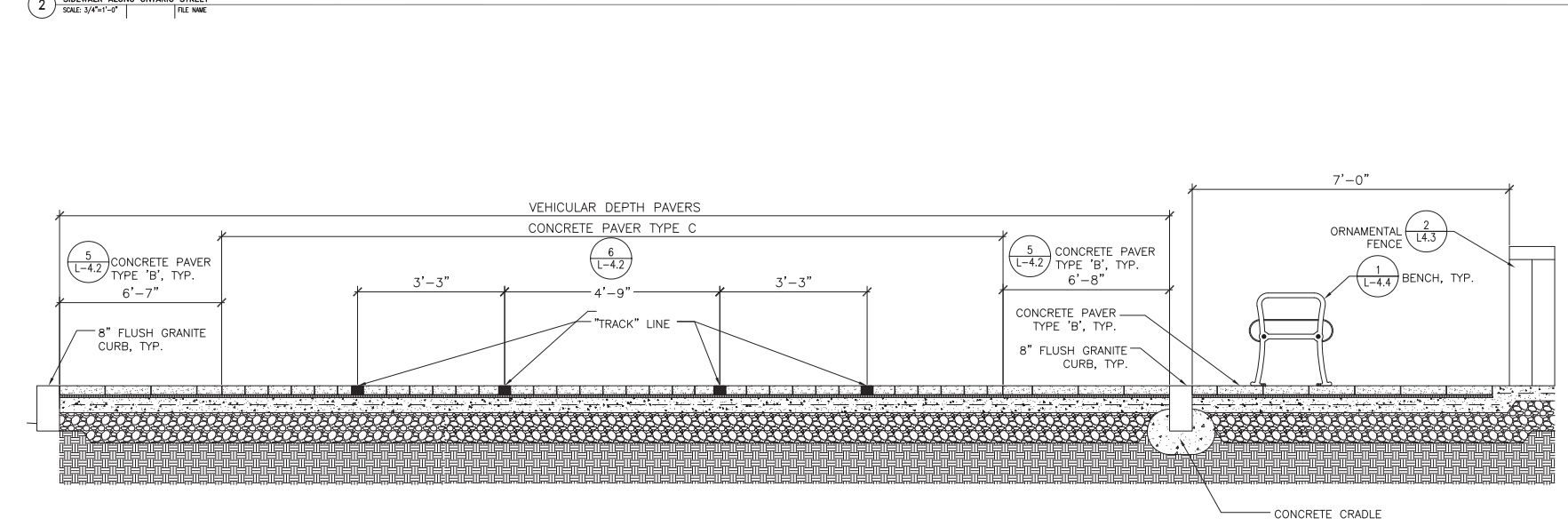
**FLUSH/COBBLE MEDIAN**

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

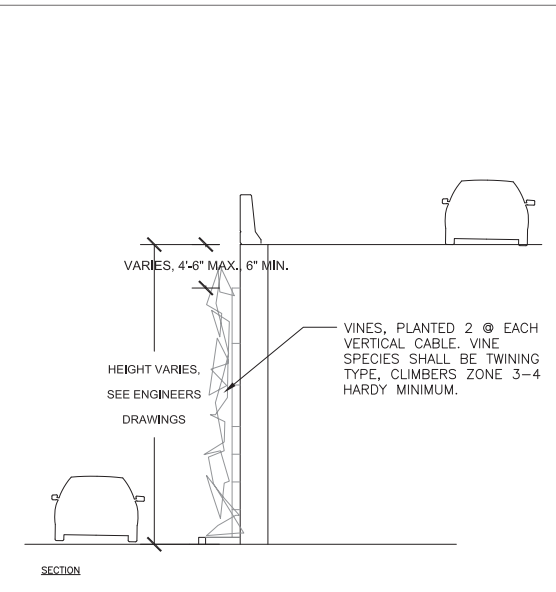
**4** FAIRFIELD AVE. WALKWAY  
SCALE: 3/4"=1'-0"  
FILE NAME



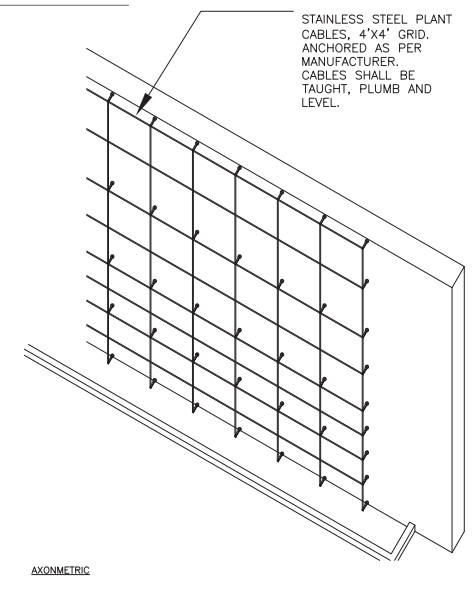
**2** SIDEWALK ALONG ONTARIO STREET  
SCALE: 3/4"=1'-0"  
FILE NAME



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



**5** VINE CABLE  
SCALE: NTS  
FILE NAME

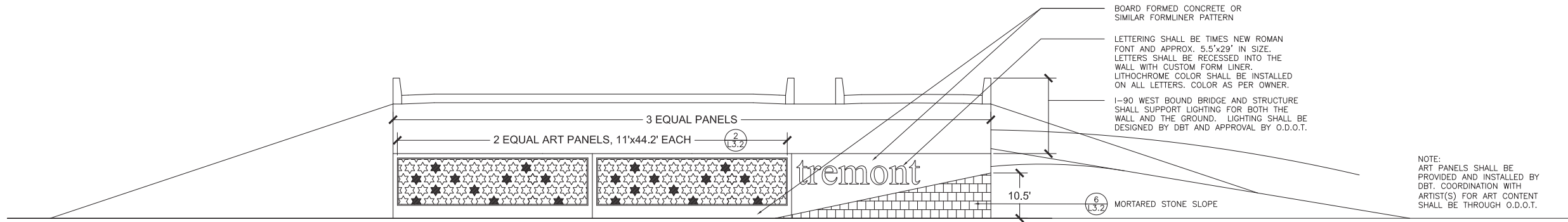


No.	Date	Revision



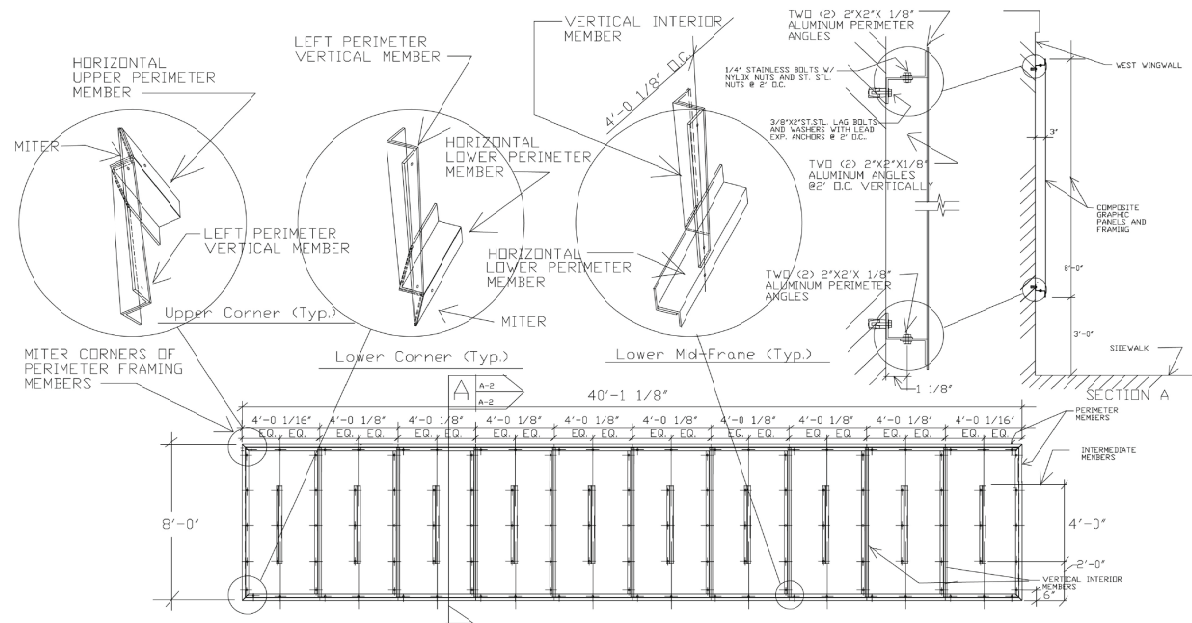
Key Plan

Job No.:	09110
Drawn By:	DN, CR
Checked By:	JB, SS
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"

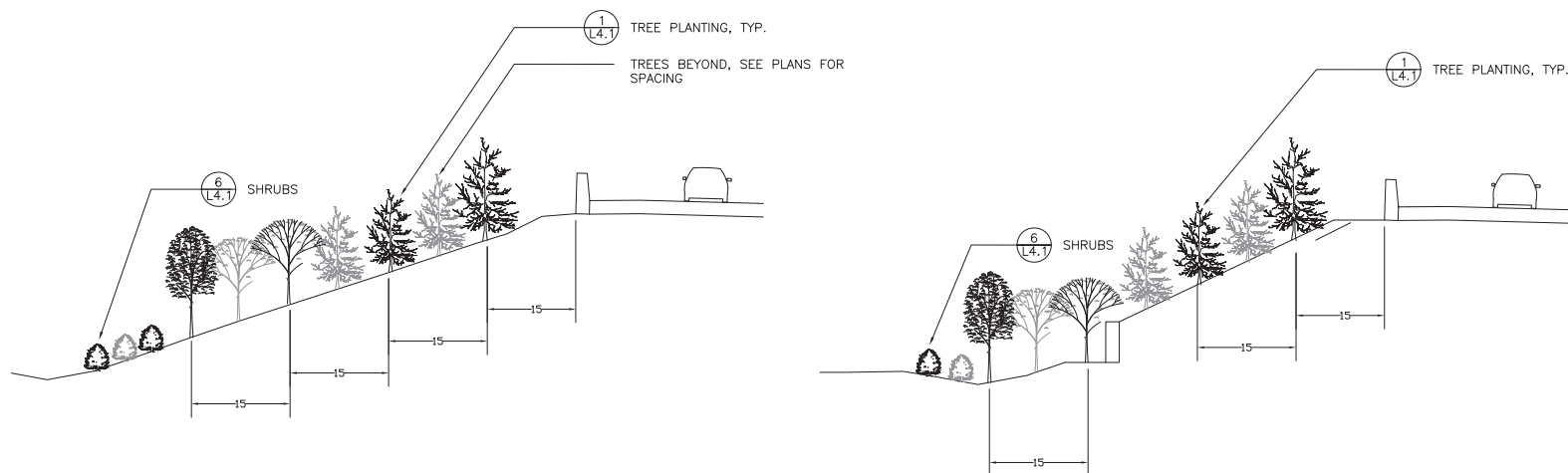


NOTE:  
1. ALL FRAMING MEMBERS TO BE DOUBLE 2"x2"x1/8" ALUMINUM ANGLES THRU BOLTED TOGETHER WITH 1/4" STAINLESS BOLTS WITH NYLOX NUTS AT 2' O.C.  
2. FRAMES TO BE ANCHOR BOLTED TO CONCRETE WALL WITH 3/8"x2" LAG BOLTS AND WASHERS WITH LEAD EXPANSION ANCHORS AT 2' O.C.  
3. PAINTED ALUMINUM PANELS TO BE 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.

West 14th Street Abutment Mural

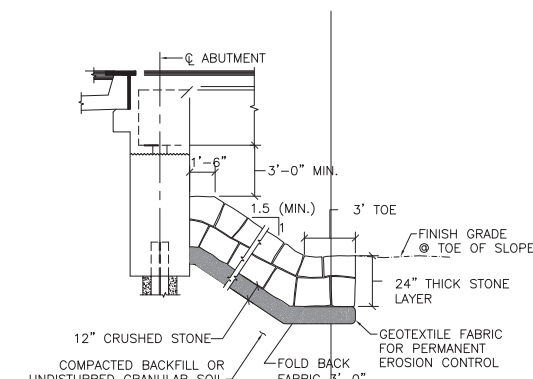
- A. The DBT shall construct murals on the W. 14th Street Abutment that consist of metal framing, fasteners and premanufactured adhesive backed vinyl print assembled panels.
- B. The DBT shall provide ODOT with plan and elevation drawings of the proposed abutment and mural dimensions based on the DBT's abutment dimensions and site grading.
- C. After receipt of the DBT's abutment plans and proposed mural panel layout drawings, ODOT will coordinate with community and/or school groups to develop artwork for the murals and develop a selection panel of community and/or project stakeholders. Upon selection of the approved artwork, the DBT will be provided with the artwork for use in fabricating and installing the murals.
- D. Graphic panels shall include Graffiti Resistant Overlamine applied to White Aluminum Composite panels with thermoplastic core or approved graphic panel construction appropriate for outdoor display with minimal fading from exposure. Panels shall be adhesively applied and mechanically fastened to the metal framing.
- E. Assume direct imaging with resolution as a minimum of 150 dpi to final size of mural layout.
- F. Printing Material: Adhesive backed vinyl - minimum 2.7 mil gloss
- G. Overlamine Material: Graffiti Resistant Overlamine - 0.060 mm minimum

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

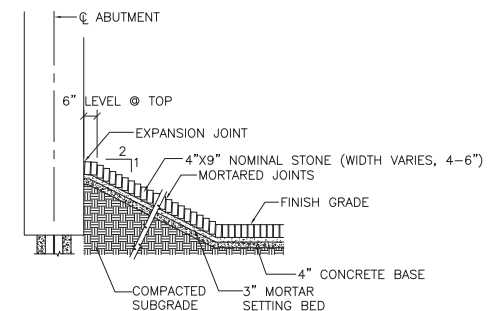


3 TYPICAL VEGETATIVE SCREENING - TREMONT  
SCALE: 1/4"=1'-0"

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



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



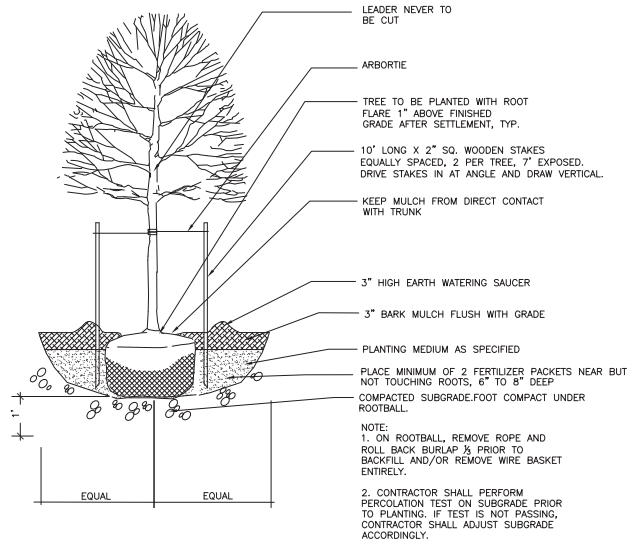
6 MORTARED STONE SLOPE  
SCALE: 1/4"=1'-0"

No.	Date	Revision

Key Plan

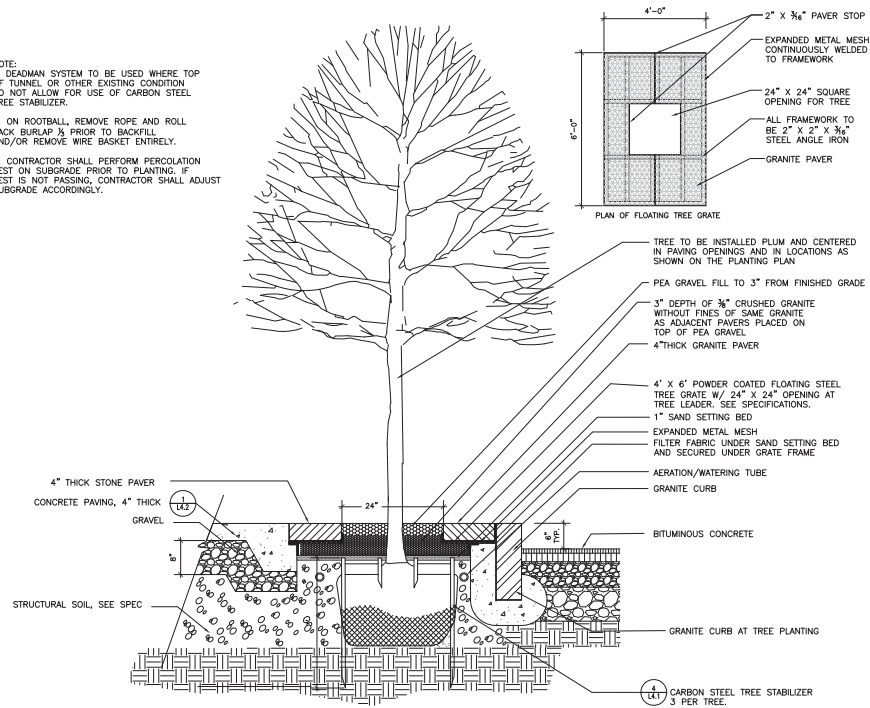
Job No.: 09110  
Drawn By: DL CR  
Checked By: JB SS  
Date: 1/15/2010  
Scale: AS NOTED

No.	Date	Revision

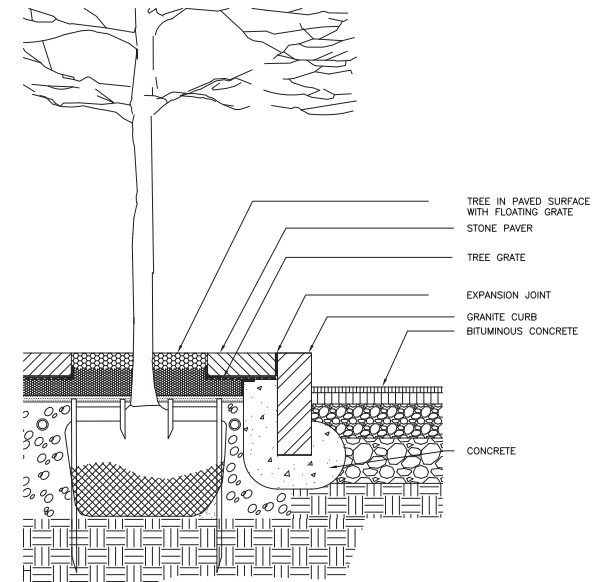


1 TREE PLANTING  
SCALE: 1/4"=1'-0"

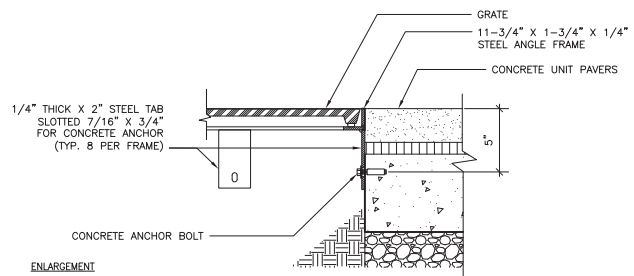
NOTE:  
1. DEADMAN SYSTEM TO BE USED WHERE TOP OF TUNNEL OR OTHER EXISTING CONDITION DO NOT ALLOW FOR USE OF CARBON STEEL TREE STABILIZER.  
2. ON ROOTBALL, REMOVE ROPE AND ROLL BACK BURLAP 1/3 PRIOR TO BACKFILL AND/OR REMOVE WIRE BASKET ENTIRELY.  
3. CONTRACTOR SHALL PERFORM PERCOLATION TEST ON SUBGRADE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



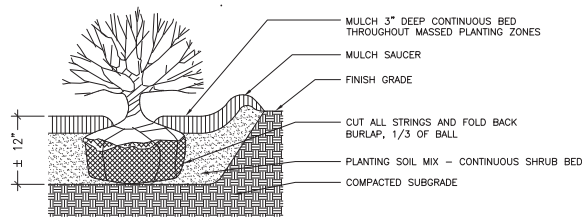
3 STREET TREE PLANTING WITH FLOATING GRATE  
SCALE: 3/4"=1'-0"



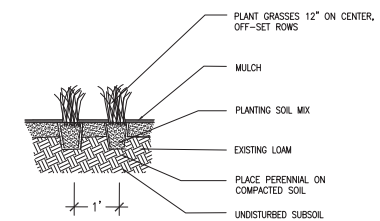
4 GRANITE CURB AT FLOATING GRATE  
SCALE: 1/2"=1'-0"



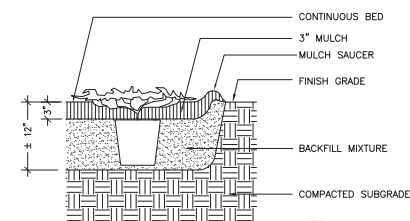
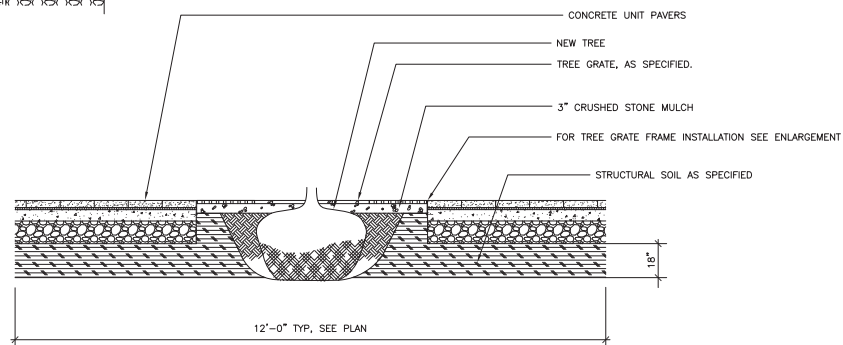
5 TREE GRATE  
SCALE: 1/2"=1'-0"



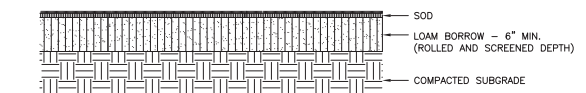
6 SHRUB PLANTING  
SCALE: 1"=1'-0"



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



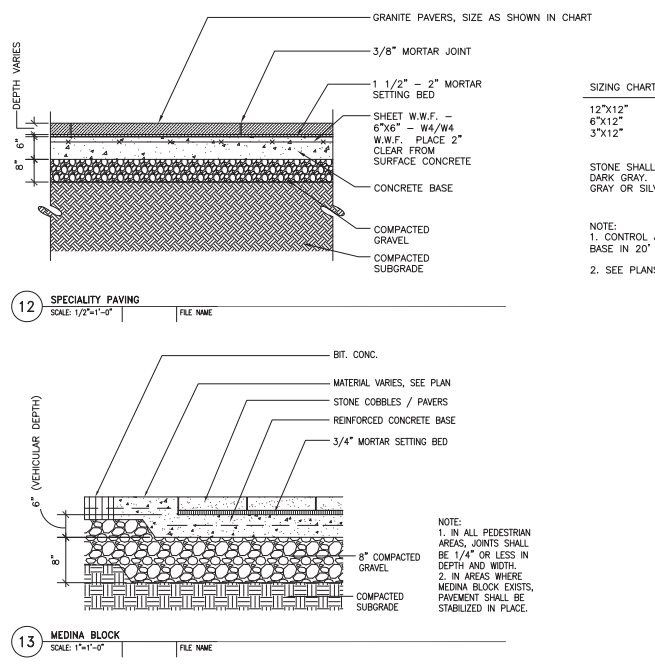
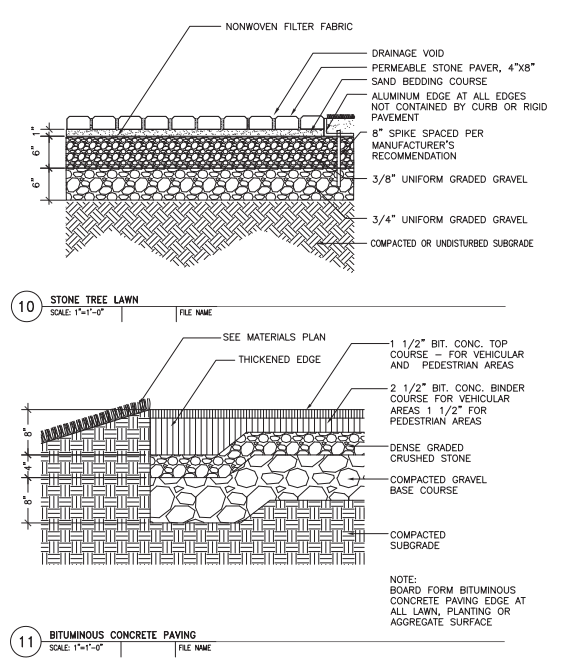
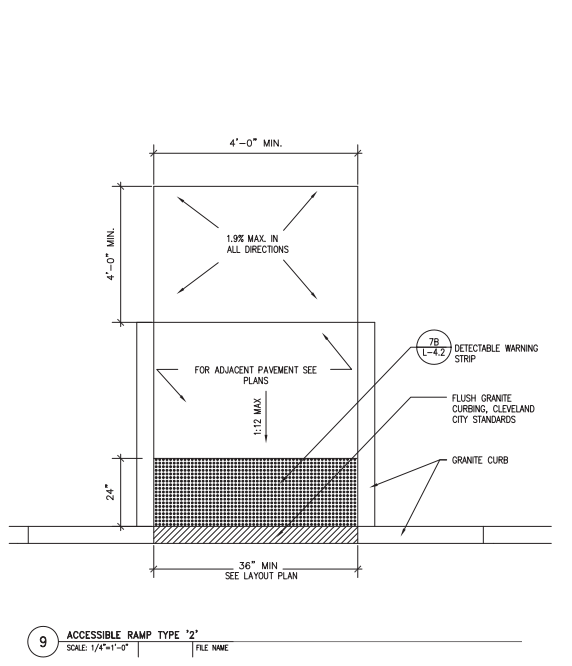
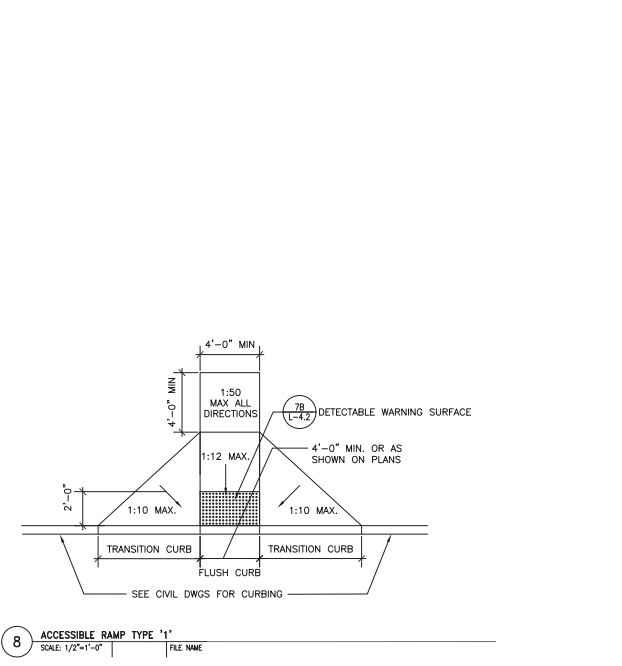
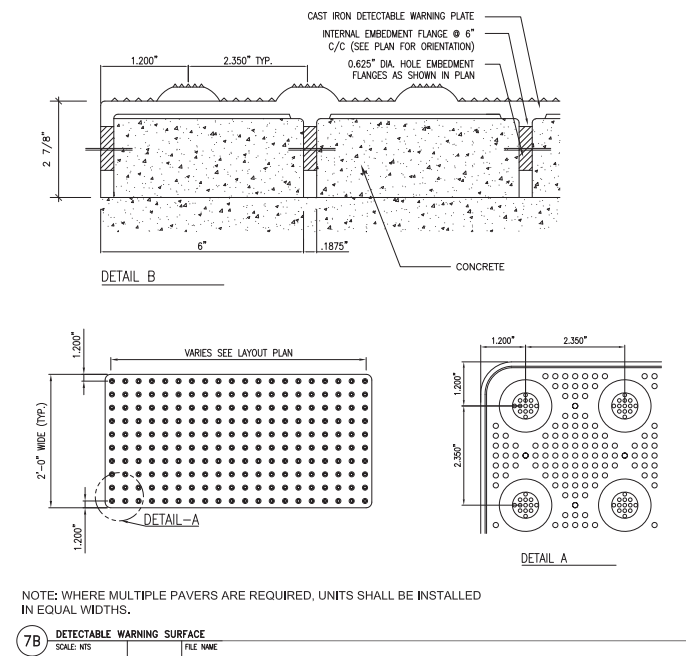
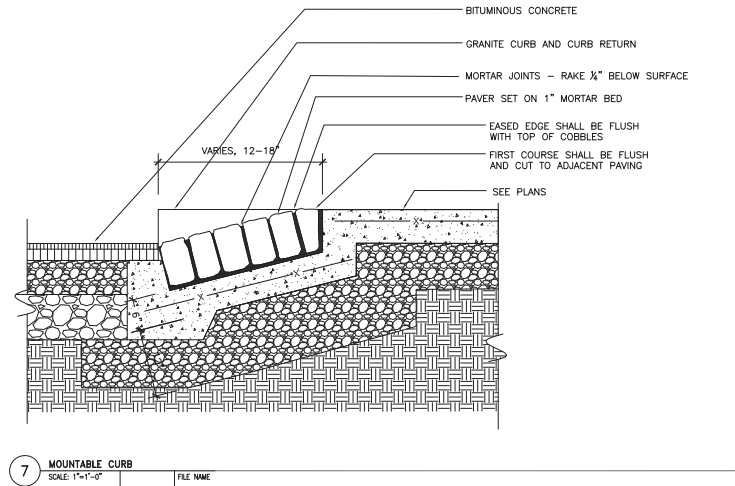
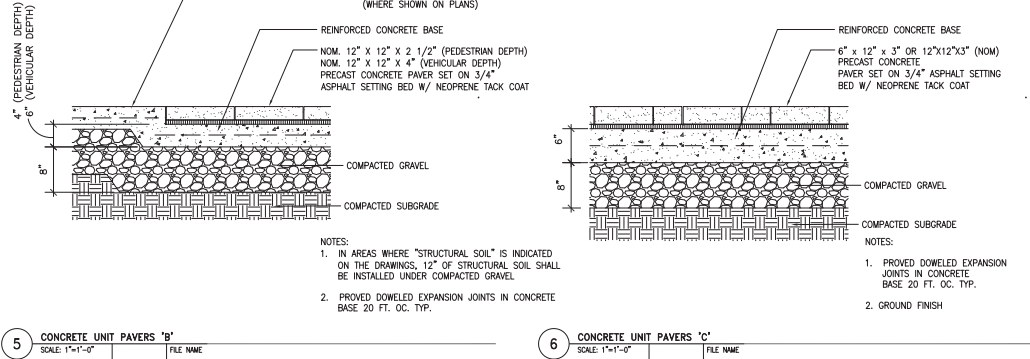
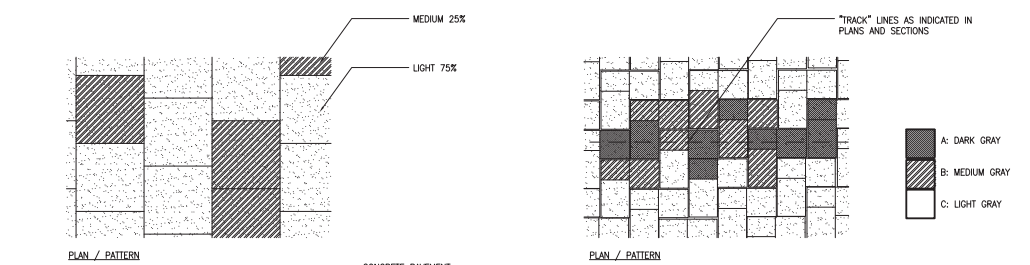
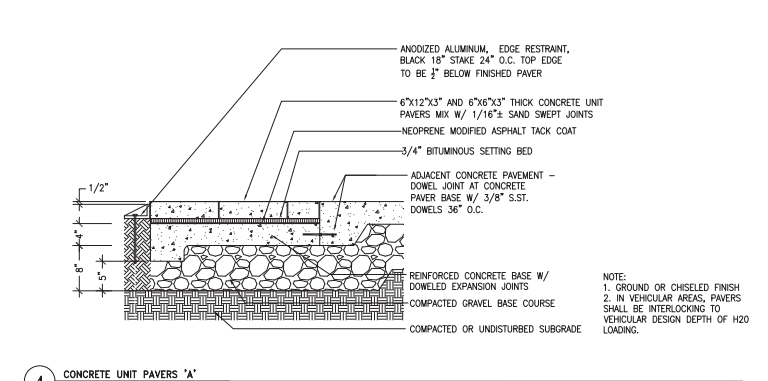
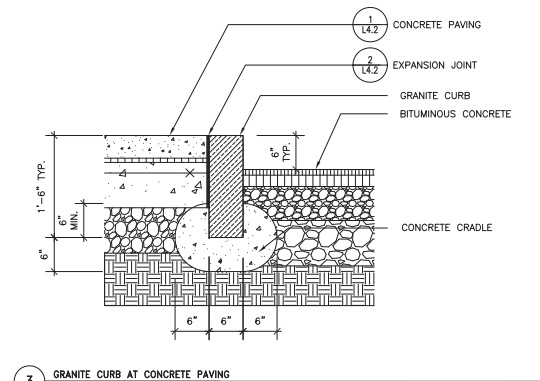
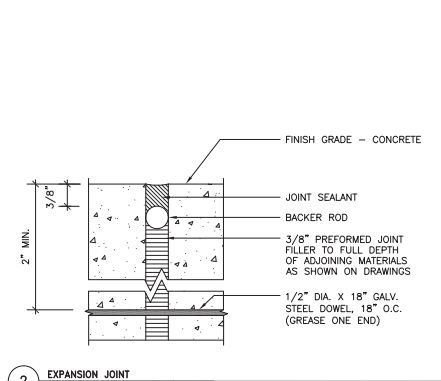
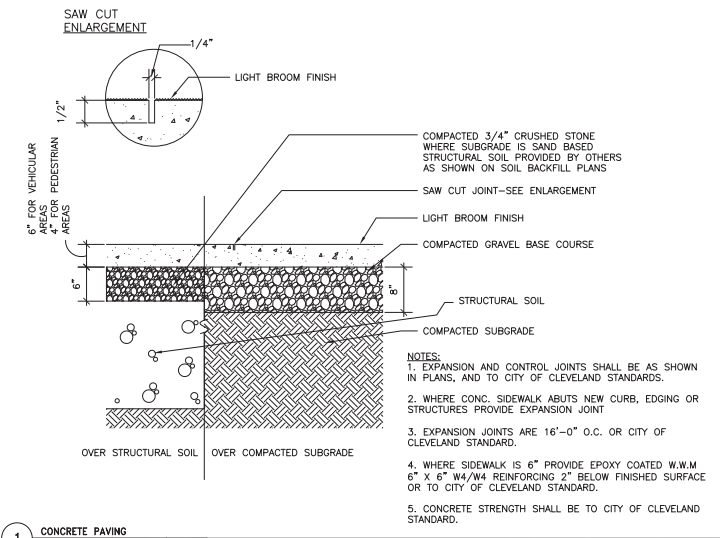
8 GROUNDCOVER PLANTING  
SCALE: 1"=1'-0"



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



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



SIZING CHART		QUANTITY
12"x12"		50%
6"x12"		30%
3"x12"		20%

STONE SHALL BE THERMAL GRANITE, BROWN TO DARK GRAY, SIMILAR TO JET MIST, CHAMPLAIN GRAY OR SILVER CLOUD.

NOTE:  
1. CONTROL JOINTS TO BE SAWCUT IN CONCRETE BASE IN 20' PANELS, TYPICAL.  
2. SEE PLANS FOR LOCATIONS.

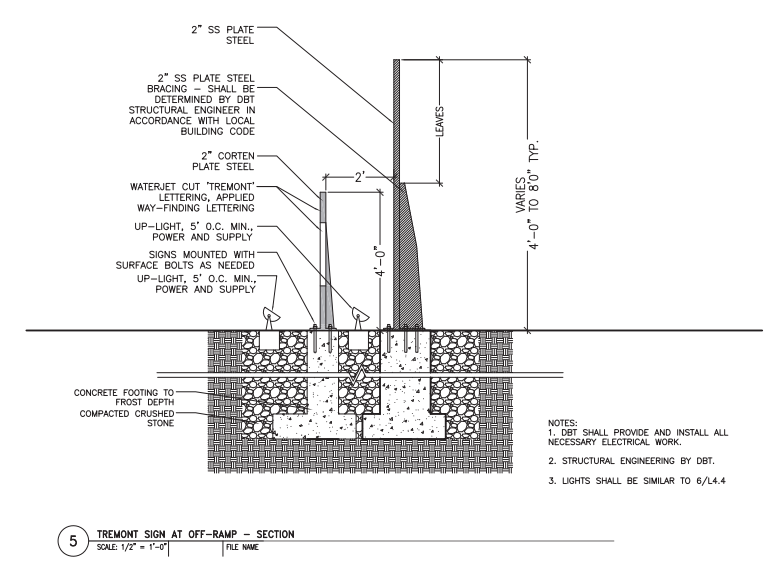
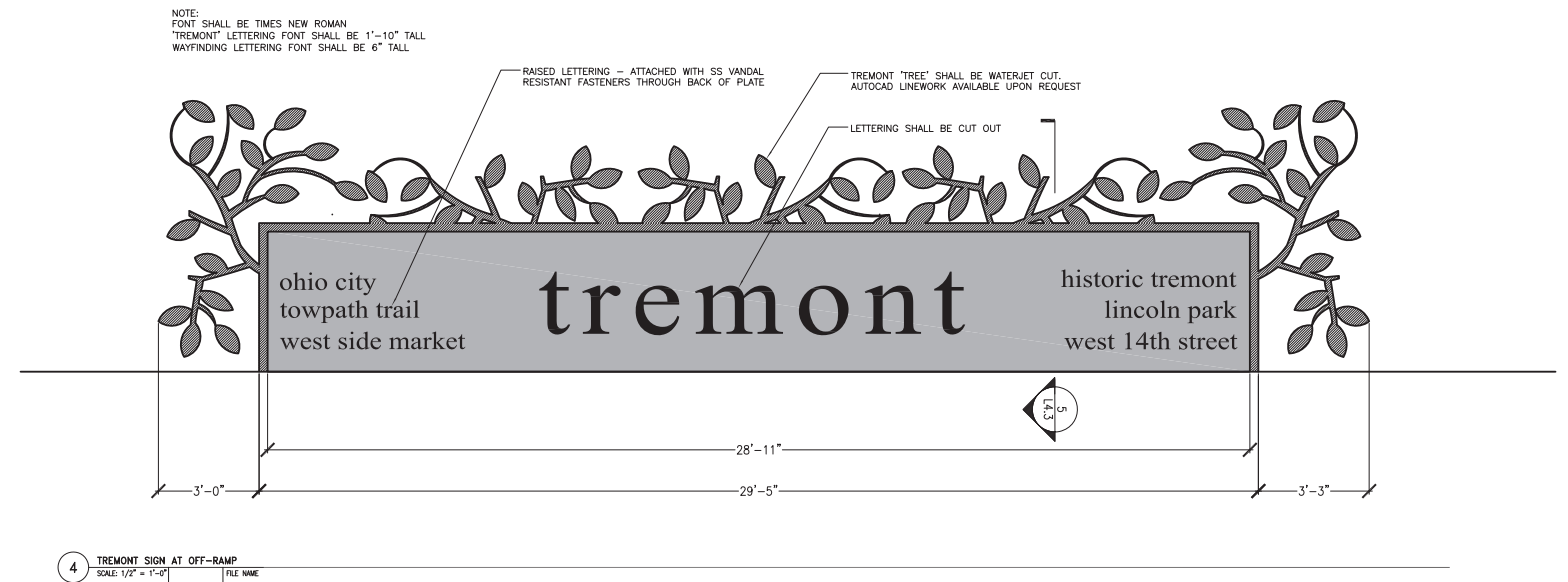
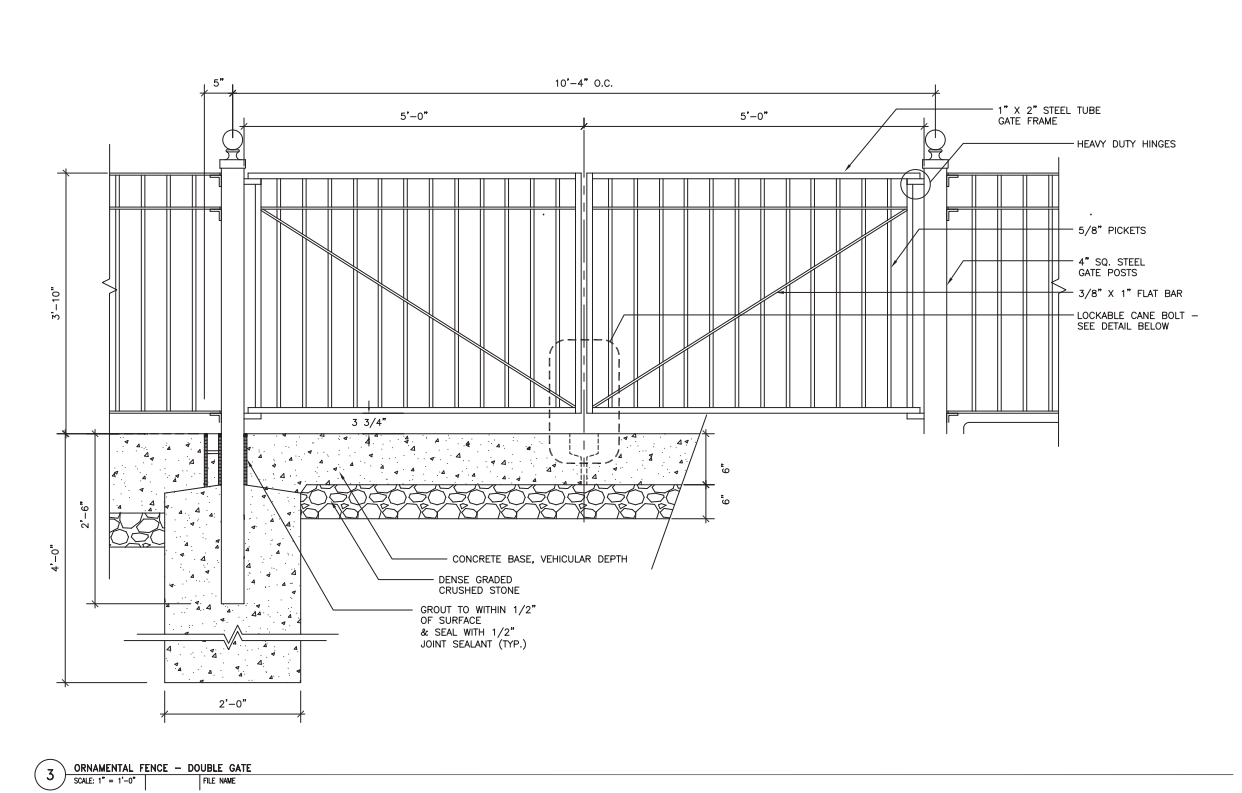
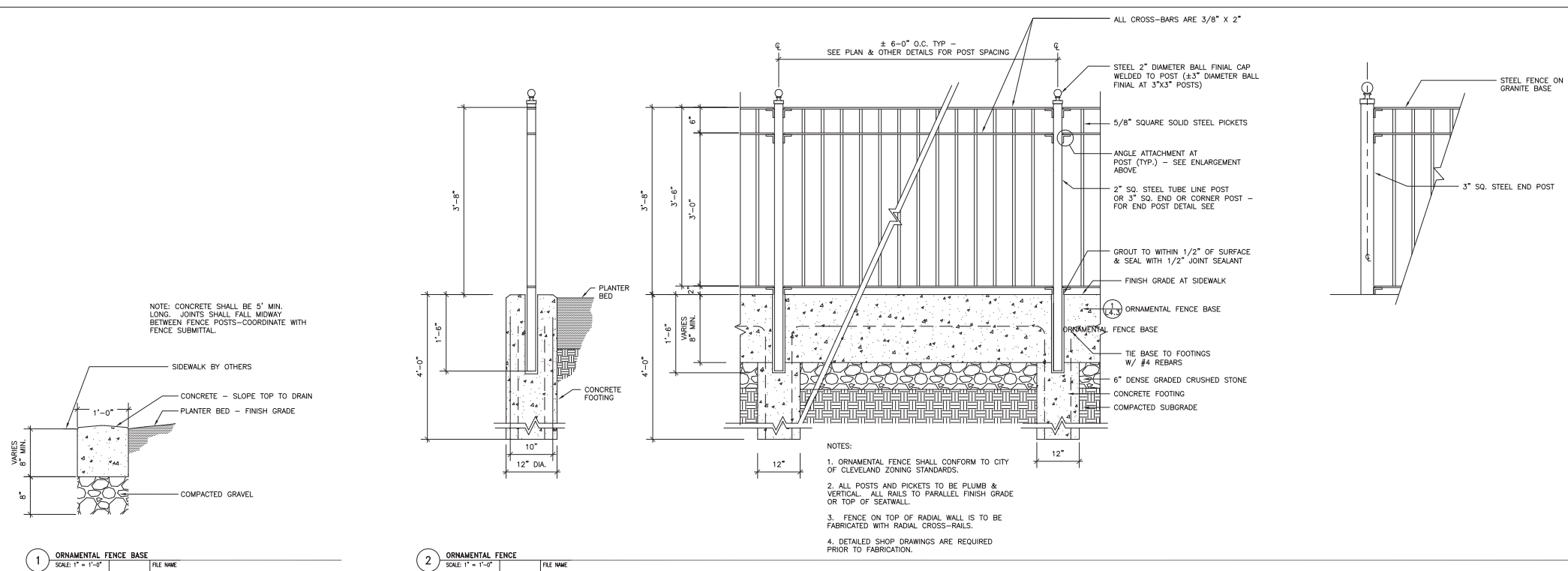
OVERALL NOTES:  
1. MINIMUM PAVEMENT AND LAYER DEPTHS ARE SHOWN. DETERMINATION OF FINAL DEPTH REQUIRED BY DBT.  
2. ALL AREAS BOUND BY MOUNTABLE OR FLUSH CURB SHALL BE DESIGNED AND CONSTRUCTED WITH A PAVEMENT STRENGTH MATCHING THAT OF ADJACENT ROADWAY PAVEMENT.  
3. ALL PAVEMENTS SHALL BE REINFORCED TO CITY OF CLEVELAND STANDARDS.

No.	Date	Revision

Key Plan

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

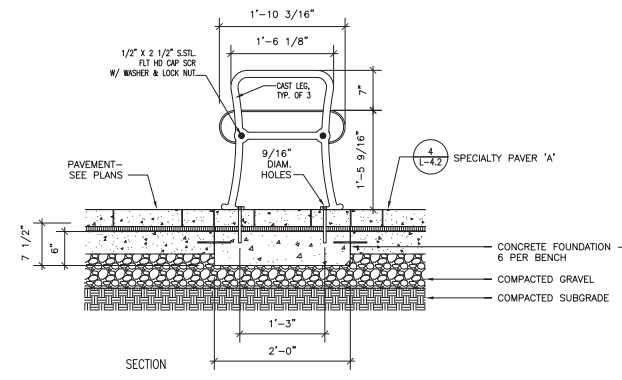
**25% DESIGN DOCUMENTS  
NOT FOR CONSTRUCTION**



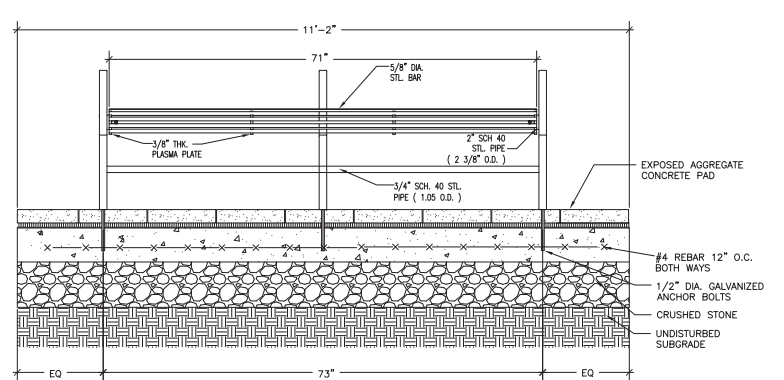
No.	Date	Revision

Key Plan

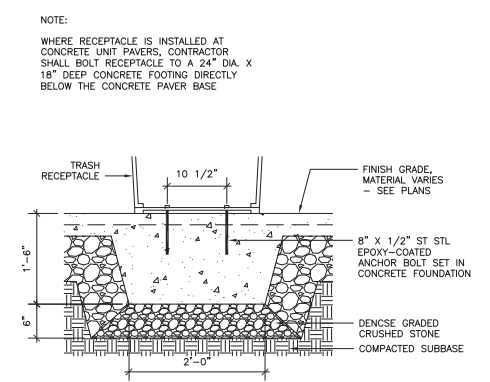
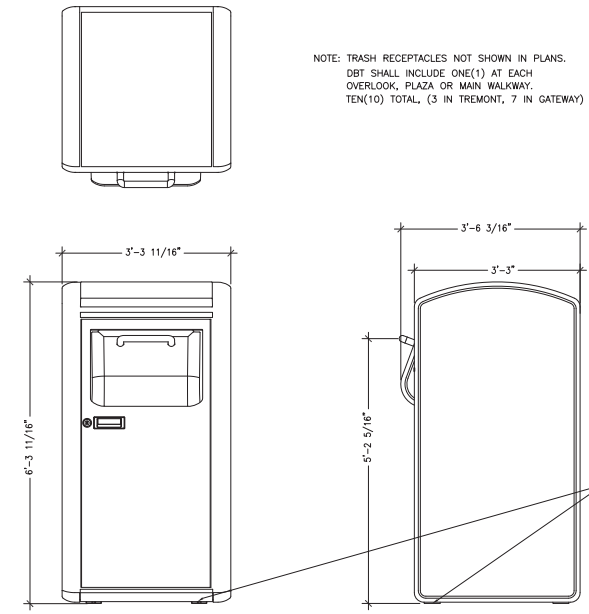
Job No.:	09110
Drawn By:	DN
Checked By:	JB
Date:	1/15/2010
Scale:	AS NOTED



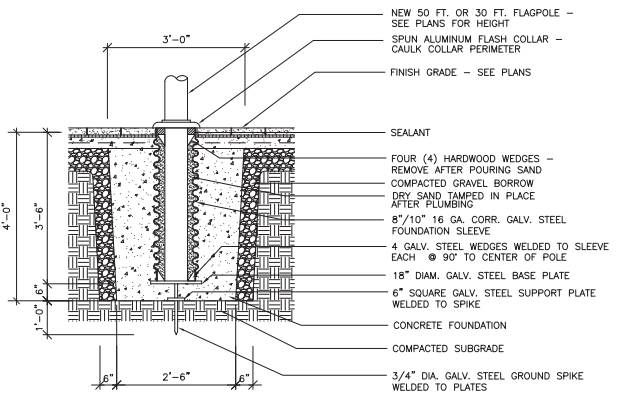
1 STEEL BENCH  
SCALE 1"=1'-0"  
FILE NAME



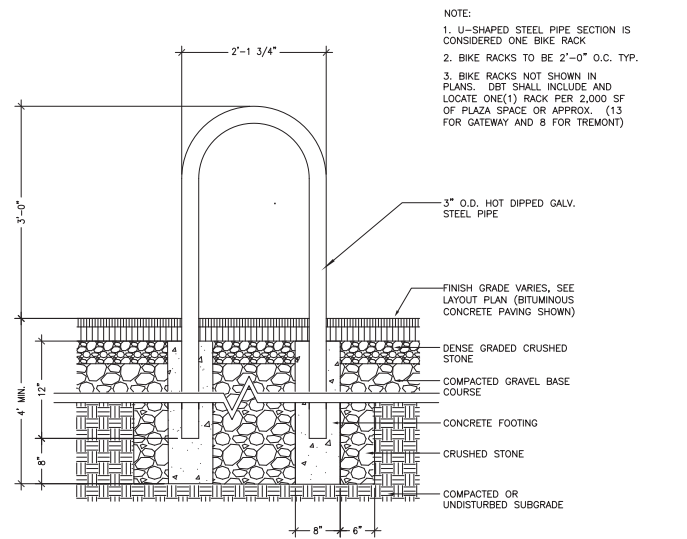
2 TRASH RECEPTACLE - BIG BELLY  
SCALE 1"=1'-0"  
FILE NAME



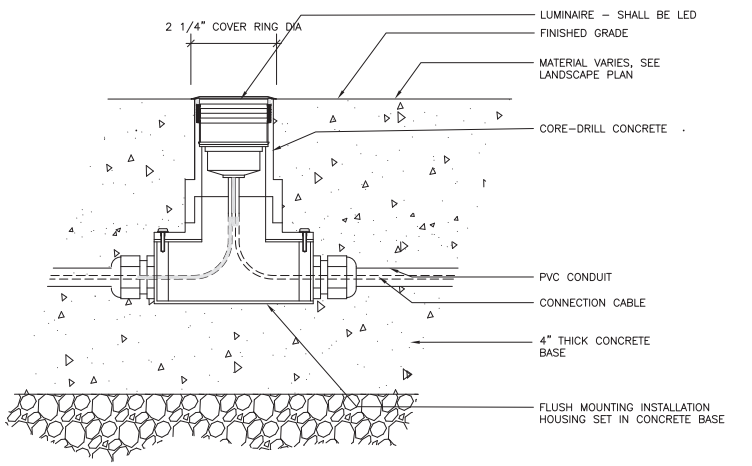
3 TRASH RECEPTACLE ATTACHMENT  
SCALE 1"=1'-0"  
FILE NAME



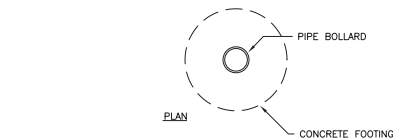
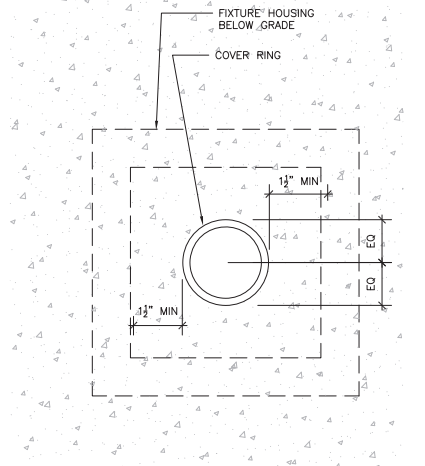
4 FLAGPOLE  
SCALE 1"=1'-0"  
FILE NAME



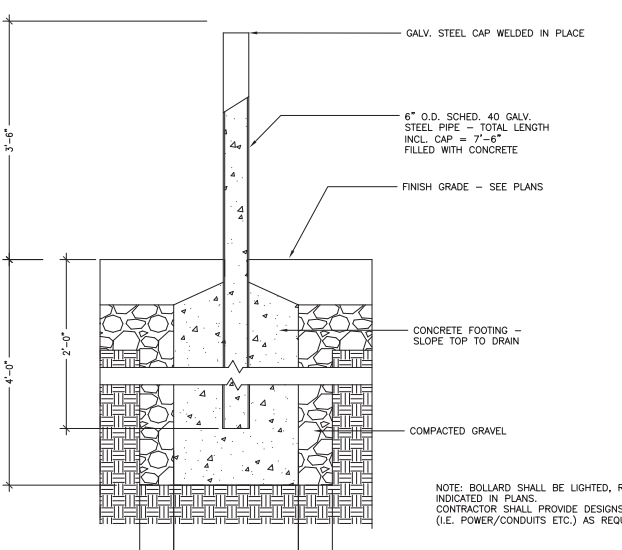
5 BIKE RACK  
SCALE 1"=1'-0"  
FILE NAME



6 IN-GROUND LIGHT  
SCALE NTS  
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.

No.	Date	Revision

Key Plan

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