NOTES

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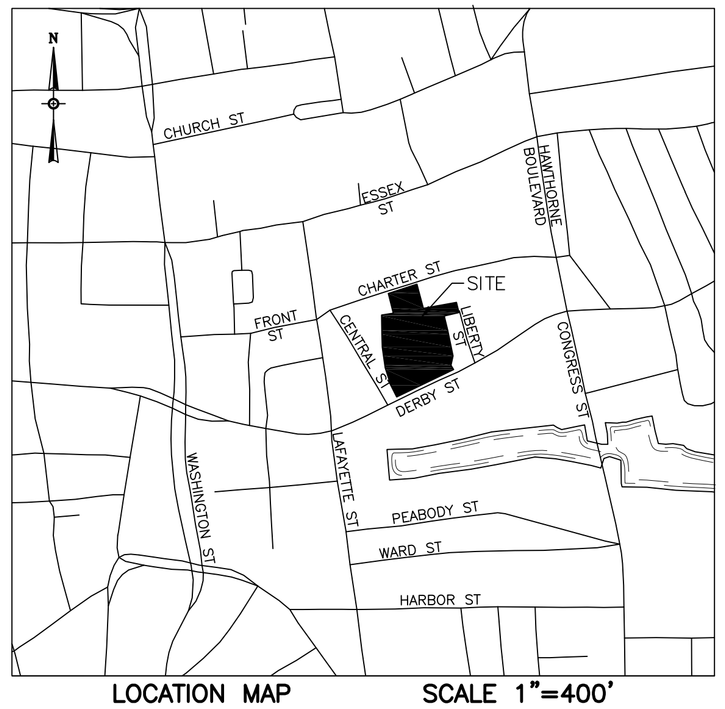
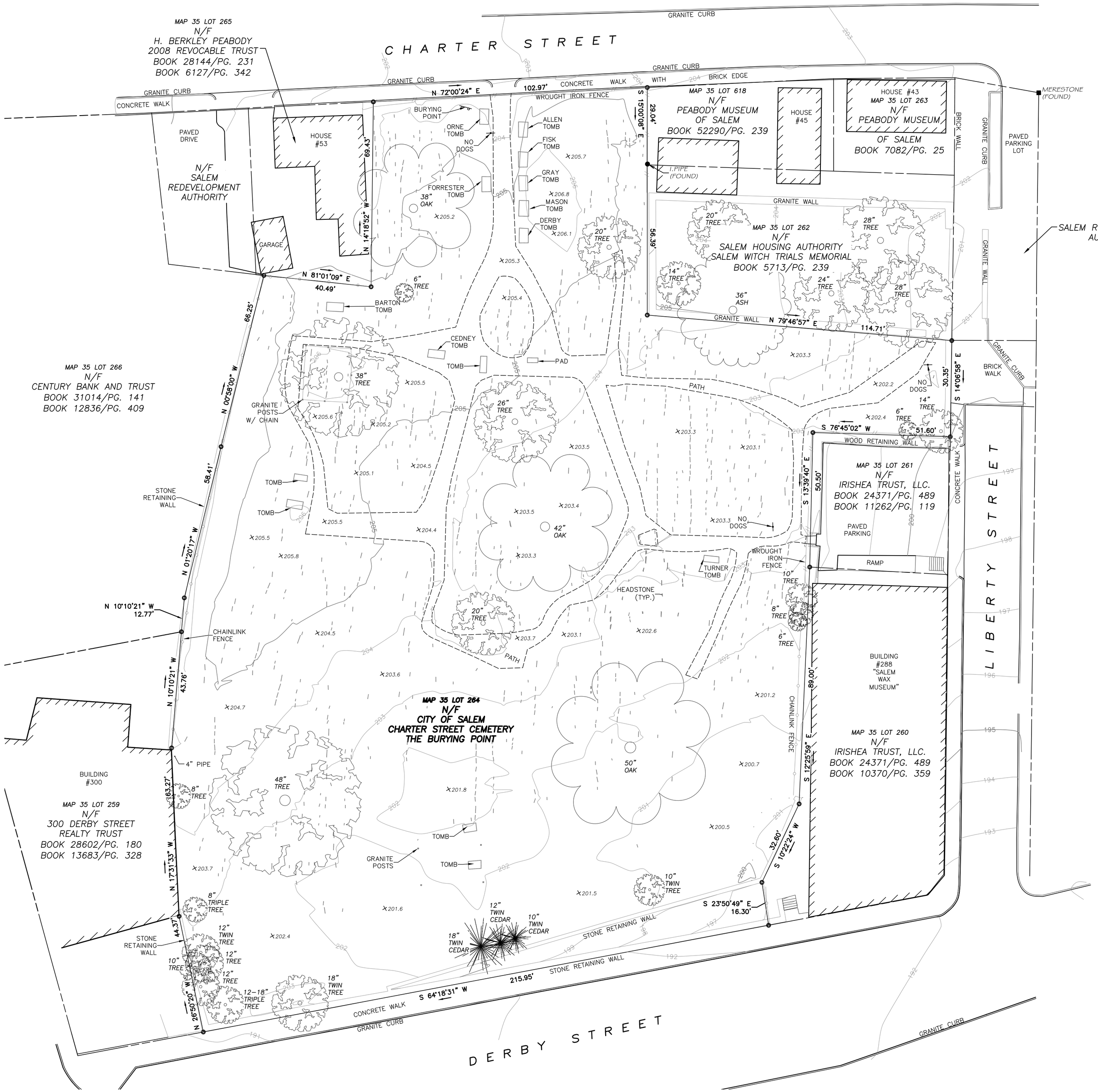
LEGEND

- PROPERTY LINE
- ABUTTERS LINE
- EDGE OF PAVEMENT
- EDGE OF PATH
- EXISTING CONTOUR (206)
- STONE WALL
- RETAINING WALL
- IRON FENCE
- CHAINLINK FENCE
- TREE LINE
- NOW OR FORMERLY (N/F)
- BOUNDARY POINT
- SINGLE POST SIGN
- DOUBLE POST SIGN

LOCATION



LOCATION MAP SCALE 1"=400'



CITY of SALEM
Office of Planning & Community Development

CHARTER STREET CEMETERY PRESERVATION PROJECT

120 Washington Street, 3rd Floor
Salem, Massachusetts
01970

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NORTH

scale: 1" = 20'

0 10' 20' 40'

REVISIONS	DATE

PROJECT NO. XXX
DESIGNER PROJECT NO. 149
DRAWN: MHL CHECKED: MHL
SCALE: AS NOTED
ISSUE: 7/12/2016

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EXISTING CONDITIONS

L-1

Drawing No.

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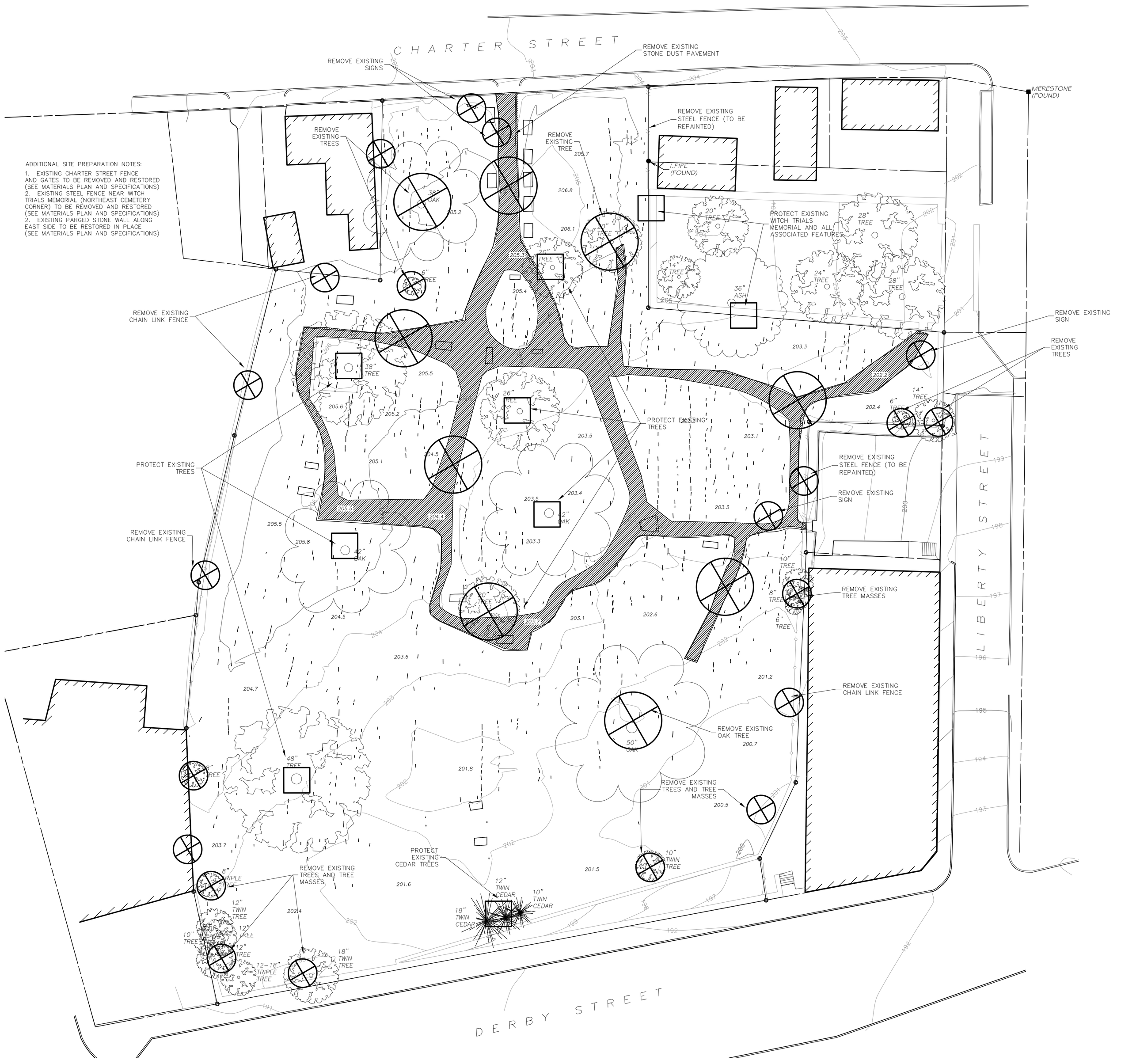
DEMOLITION & SITE PREPARATION NOTES

1. Contractor shall verify all conditions in the field and report any discrepancies between these plans and actual field conditions to the Owner or Owner's Representative.
2. Contractor shall remove all existing features necessary for the completion of new site work. All materials requiring removal shall be removed to full depth and shall include base material, footings and/or foundations as applicable, and legally disposed of off site by the contractor or delivered as directed by the Owner.
3. Contractor shall strip, as needed, and stockpile topsoil only in areas to be disturbed or regraded. Such stockpile shall be away from dripline of existing vegetation that is to remain.
4. Locations of all utilities are shown in the form of diagrams and may be incomplete. Contractor shall verify locations of utilities prior to the start of construction. Any damage to existing utilities done by contractor during construction shall be repaired by the contractor at his/her expense.
5. Protection of all existing vegetation to remain shall be the contractor's top priority.
6. The contractor is responsible for any damage to existing vegetation that is to remain, and may, at the Owner's discretion, be required to replace any and all damaged vegetation.
7. Contractor shall consult with and notify the Owner or the Owner's Representative prior to commencing work.
8. Contractor shall take care during all excavation due to the possible existence of unrecorded utility lines.
9. Contractor is responsible for any damage inside and outside of the work limit line due to his/her contract operations.
10. Contractor shall protect and sustain in normal working service all existing utilities, structures, equipment, roadways and driveways.



LEGEND

EXISTING FEATURE OR TREE TO BE PROTECTED

EXISTING PAVEMENT TO BE REMOVED

EXISTING LANDSCAPE FEATURE OR TREE TO BE REMOVED

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SITE PREPARATION

L-2

Drawing No.

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LAYOUT NOTES

1. Contractor shall comply with all federal, state and municipal regulations.
2. Contractor shall locate and utilize Point(s)-of-Beginning (POB) to layout the site improvements.
3. All lines and dimensions are parallel or perpendicular to the lines from which they measure, unless otherwise indicated.
4. Storage areas for Contractor's equipment and materials shall be within work limit line or as approved by Owner.
5. Where curving walks are laid out by offsets, Contractor shall provide gentle horizontal curves between offset points. These walks shall be adequately staked and approved by the Owner and/or Landscape Architect prior to construction.
6. All new work shall be staked-out prior to construction.
7. All existing utilities are shown in their relative position. Contractor is responsible for verifying the vertical and horizontal position of all existing utilities prior to construction.
8. Where work limit line meets an existing building or structure, it is assumed that the work limit line continues along the building/structure face.
9. Field adjustments must be approved by the Owner or the Owner's Representative and the appropriate municipal officials prior to construction.
10. Manufactured items shall be installed, connected and cleaned according to the manufacturer's directions.
11. Expansion and score joints for new construction shall blend to match existing patterns. Contractor shall arrange timely on-site conferences with the Landscape Architect to approve layout of new joint patterns.
12. Contractor to provide expansion joints for new concrete base materials at all curbs, building walls, site walls, stairs, light fixture bases, manholes, grates and vaults and all other fixed materials, as required. Maximum distance between expansion joints shall not exceed 20 feet. Score joints shall be placed no more than 5 feet apart.
13. Prior to project closeout, the contractor shall remove all debris and excess materials from the site. Also, any damage to field or factory-applied finished shall be repaired.

MATERIALS NOTES

1. Reference the written specifications and details.
2. All existing site features to remain shall be protected from damage during construction. It shall be the Contractor's responsibility to correct, to the Owner's satisfaction, any construction-related damage to the existing park furnishings and features.
3. All existing site features, and features to be removed and re-installed (including Welsbach light poles) shall be protected from damage during construction and installed at the locations shown on the plans or as directed by the Owner or Owner's Representative.
4. Contractor shall restore to its original condition all disturbed areas outside the work limit line at no cost to the Owner or Owner's Representative.

LAYOUT POINTS

AREA A (WEST):
1: X=51.0; Y=64.9
2: X=43.9; Y=69.9
3: X=27.9; Y=87.1
4: X=-11.6; Y=89.4
5: X=-29.1; Y=92.8
6: X=26.5; Y=112.7
7: X=-19.9; Y=140.2
8: X=12.3; Y=152.7

AREA B (EAST):
1: X=208.8; Y=88.6
2: X=210.3; Y=112.4
3: X=155.6; Y=117.4
4: X=123.4; Y=105.4
5: X=90.3; Y=104.6
6: X=64.1; Y=89.9
7: X=60.9; Y=74.8

AREA C (CENTER):
1: X=89.1; Y=126.1
2: X=92.3; Y=158.4
3: X=76.4; Y=183.9
4: X=62.0; Y=201.4
5: X=26.3; Y=207.6
6: X=23.0; Y=186.8
7: X=24.2; Y=159.4
8: X=33.7; Y=121.8

AREA D (SOUTH):
1: X=151.0; Y=142.9
2: X=147.9; Y=156.8
3: X=136.0; Y=171.7
4: X=125.3; Y=201.7
5: X=120.0; Y=225.6
6: X=101.0; Y=191.1
7: X=-21.3; Y=308.9
8: X=-38.5; Y=234.8
9: X=-23.0; Y=197.0
10: X=-22.6; Y=161.6

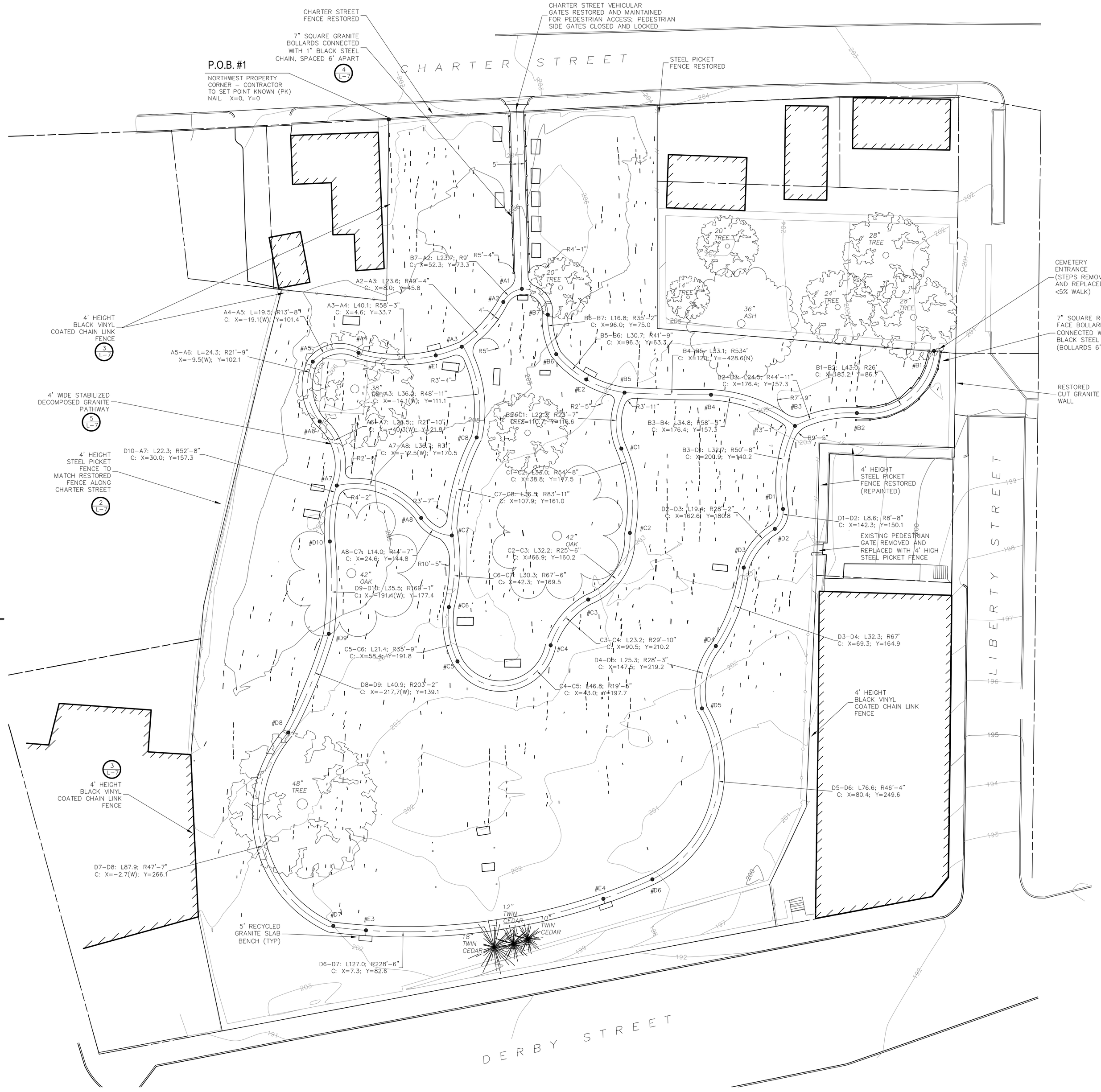
AREA E (BENCH LOCATIONS):
1: X=18.0; Y=90.4
2: X=77.6; Y=100.0
3: X=-21.3; Y=309.9
4: X=82.2; Y=298.5

LEGEND

P.O.B. #1 — POINT OF BEGINNING FOR HARD FEATURE LAYOUT

CL — PAVEMENT CENTERLINE

#E2 • — LAYOUT POINT



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LAYOUT & MATERIALS

L-3

Drawing No.

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GRADING NOTES

1. Contractor shall stake out grading prior to constructing these improvements to insure positive flow and bring any discrepancies to the immediate attention of the Landscape Architect.
2. Contractor shall maintain existing grade for all surfaces along structures, pavements, walks, curbs and vegetation, except as shown. All new walks and pavement shall meet flush with the line and grade of existing curbs, walks, pavements and structures.
3. Contractor shall install erosion control devices at all inlets, consisting of catch basin filter bags placed under all grates and above all frames.
4. Stripped topsoil shall be stockpiled inside of work limit line for future reuse. Hay bales staked into place or erosion control fencing shall be placed at the toe of the slope to prevent erosion.
5. All new erosion control devices must be inspected frequently and repaired as needed.
6. Contractor insure that all water runoff shall drain away from buildings and shall maintain a positive flow toward the inlets, lawn areas and/or planting beds. No ponding shall be allowed.
7. Contractor shall maintain a minimum slope across all pavement, lawn areas and planting bed surfaces of 2%, except as otherwise shown.
8. Contractor shall maintain smooth transitions between paved surfaces and the areas around them.
9. Contractor shall insure that all existing utilities that remain will be brought flush with finished grade as required to prevent dips and tripping hazards.
10. Contractor shall insure that all new drainage structures, if any, are set flush with the finished grade to prevent dips or tripping hazards.
11. Point(s) of construction egress and ingress shall be maintained to prevent tracking or flowing of sediment or debris.
12. Contractor must remove and legally dispose of any unused material and/or debris left after building these site improvements.
13. Contractor shall restore to its original condition all disturbed areas outside of the work limit line at no cost to the Owner or Owner's Representative.

LEGEND

+90.35	SPOT GRADE
89	EXISTING CONTOUR
95	PROPOSED CONTOUR

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GRADING

L-4

Drawing No.

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PLANTING NOTES

1. All plant material to be nursery grown stock subject to applicable A. A. N. Standards.
2. Contractor shall supply all plants in quantities sufficient to complete the work shown on the drawings and listed in the plant schedule. In the event of a discrepancy between quantities shown in the plant schedule and those noted on the drawings, the larger number shall apply.
3. The Landscape Architect shall approve the layout of plants prior to the contractor digging their holes and setting them into the ground. Contractor shall contact the Landscape a minimum of 3 days in advance to schedule a site visit for approving plan locations. All plants must be set out in their proper location and ready for Landscape Architect's inspection upon arrival. It is the intent of this plan to conduct only one such visit. If additional site visits are needed by the landscape Architect to approve plant locations, the Contractor will pay the Landscape Architect directly for their time and travel expenses at no additional cost to the Owner. Any plant installations that were not approved by the Landscape Architect and that are subsequently requested to be moved, will be moved at the Contractor's expense, at no additional cost to the Owner.
4. Contractor shall loam and seed with good quality seed for the appropriate solar conditions all disturbed areas not otherwise covered by other improvements.
5. All tree pits, shrub massings, and plant beds shall be mulched to a depth of three inches with shredded cedar bark mulch.
6. Precise locations of items not dimensioned on the plan are to be field staked by the Contractor and shall be subject to the requirements specified in the above notes.
7. Contractor is responsible for replacing, at his/her own expense, any and all damaged vegetation prior to final site inspection and project close-out.
8. All shrub, ground cover and flower bed planting areas shall have continuous beds of planting soils 36" deep. All lawn areas shall have a minimum topsoil bed of 6" deep.
9. Contractor is responsible for locating all utilities in the field. Where plant material may interfere with utilities, the Contractor shall immediately notify the Landscape Architect to coordinate installation.
10. Planting installed in the dry summer months and/or lawns seeded out of the spring or fall periods, is allowed by the Owner, will require appropriate watering or irrigation programs at the Contractor's expense, unless otherwise directed by the Owner in writing.
11. Plant substitutions will only be permitted upon written approval by the Owner.
12. Plant tags are to remain on all plant material until final acceptance. Contractor must remove all plant tags after final acceptance.

PLANT KEY

KEY	BOTANICAL NAME	COMMON NAME	QTY	SIZE	ROOT	SPACING
TREES						
AC	Amelanchier canadensis 'Autumn Brilliance'	Downy Serviceberry	4	6'-7' Clump	B&B	As Shown
AR	Acer rubrum 'October Glory'	Red Maple	3	2.5-3" Cal.	B&B	As Shown
AS	Acer saccharum 'Green Mountain'	Sugar Maple	1	2.5-3" Cal.	B&B	As Shown
CC	Cercis canadensis 'Forest Pansy'	Eastern Redbud	2	5' - 6'	B&B	As Shown
JV	Juniperus virginiana 'Canaertii'	Eastern Red Cedar	3	5' - 6'	B&B	As Shown
LL	Larix laricIana	Tamarack	6	5' - 6'	B&B	As Shown
PR	Pinus rigida	Pitch Pine	6	5' - 6'	B&B	As Shown
HERBACEOUS GROUND COVER/VINES						
AU	Arctostaphylos uva ursi 'Massachusetts'	Bearberry	180	2 QT.	Pot	24" O.C.
HH	Hedera helix 'Baltica'	Baltic Ivy	270	45/50 (TRAY)	Tray	12" O.C.
TS	Thymus serpyllum 'Magic Carpet'	Mother of Thyme	1,000	4"	Pot	12" O.C.

LEGEND

10" TWIN CEDAR / 14" TREE — EXISTING TREES TO REMAIN

PERENNIAL/GROUND COVER PLANTING

EVERGREEN/DECIDIOUS TREE PLANTING

6 / AC — PLANT IDENTIFICATION (6 OF AMELANCHIER ARBOREA)

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PLANTING
L-5

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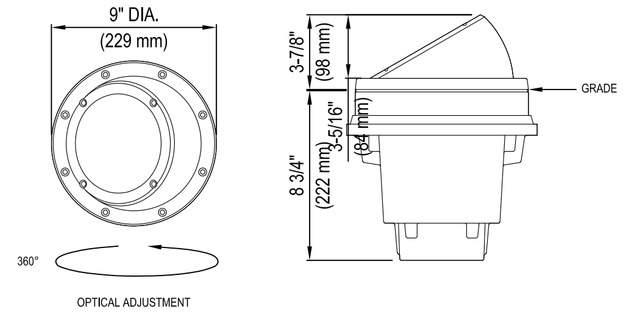
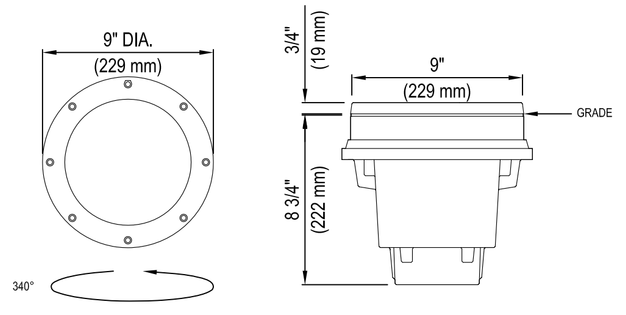
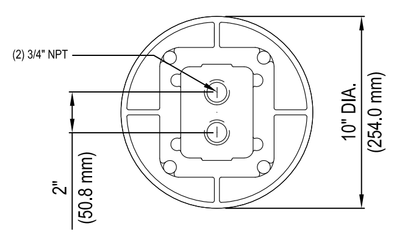


OPTICAL ADJUSTMENT



OPTICAL ADJUSTMENT



NOTES:
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
2. DO NOT SCALE DRAWINGS.

IN-GROUND LIGHTING

LEGEND

13" DIAMETER IN-GROUND UP-LIGHT, LED, 3,000K, KIM LIGHTING LTV81RG WITH ROCK GUARD, OR APPROVED EQUAL

CITY of SALEM
Office of Planning &
Community Development

CHARTER STREET CEMETERY PRESERVATION PROJECT

120 Washington Street, 3rd Floor
Salem, Massachusetts
01970

MARTHA LYON
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313 Elm Street
Northampton, MA 01060
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www.marthalyon.com

NORTH

scale: 1" = 20'

0 10' 20' 40'

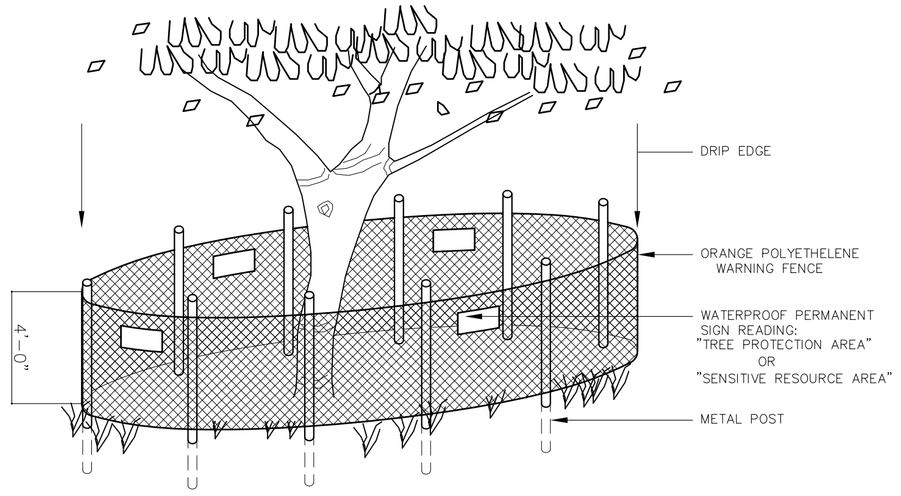
REVISIONS	DATE

PROJECT NO. XXX
DESIGNER PROJECT NO. 149
DRAWN: MHL CHECKED: MHL
SCALE: AS NOTED
ISSUE: 7/12/2016

SHEET/TITLE

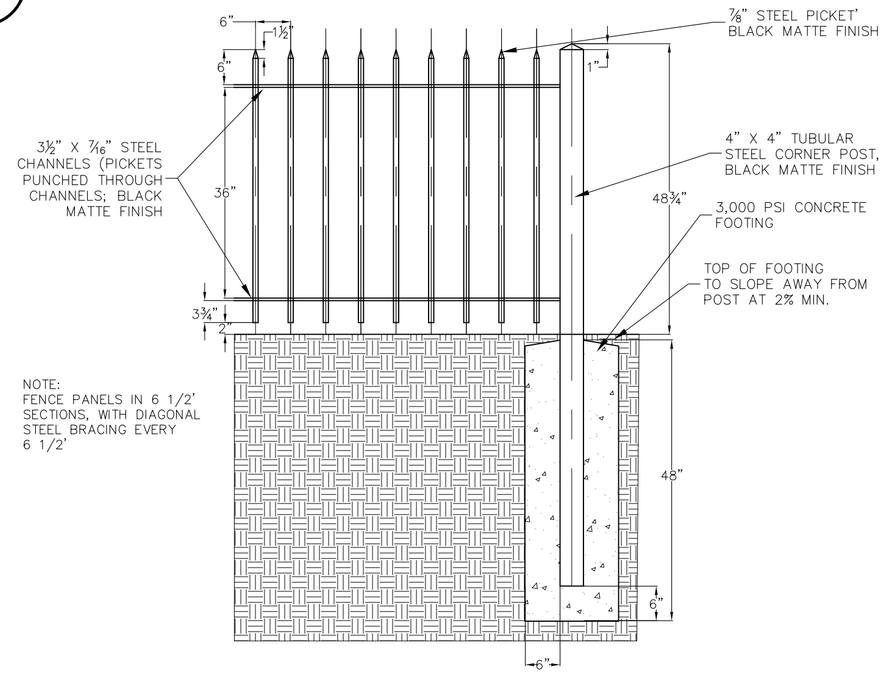
LIGHTING
L-6

Drawing No.



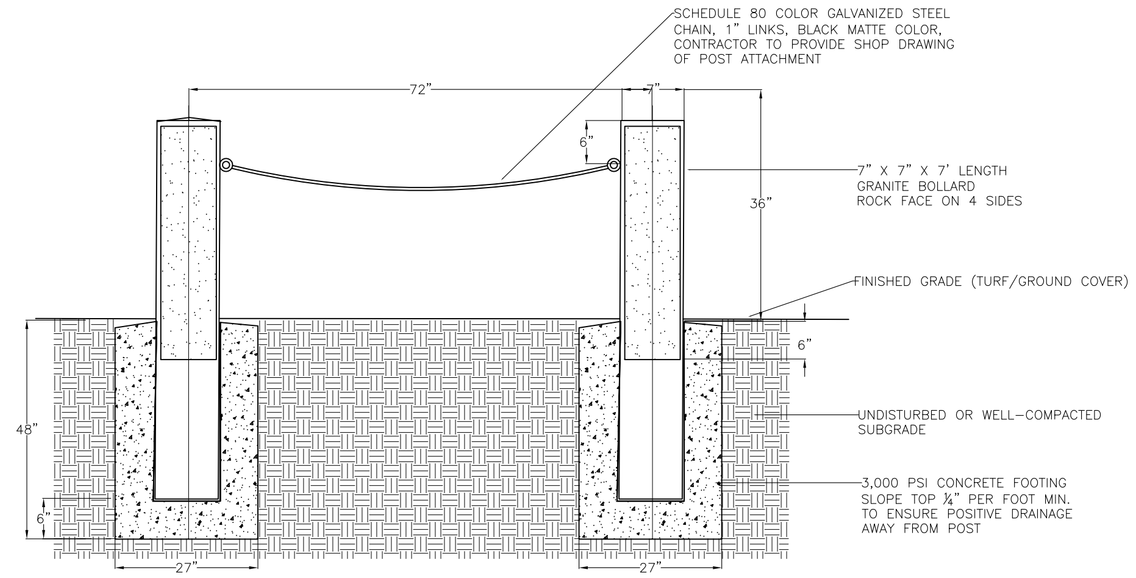
1 TREE PROTECTION

NTS



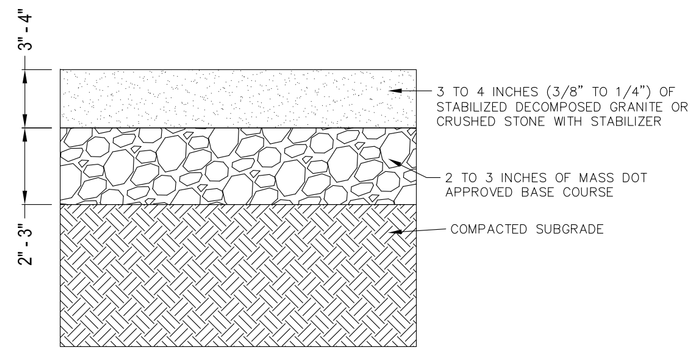
2 STEEL PICKET FENCE

NTS



4 GRANITE BOLLARD & STEEL CHAIN

NTS

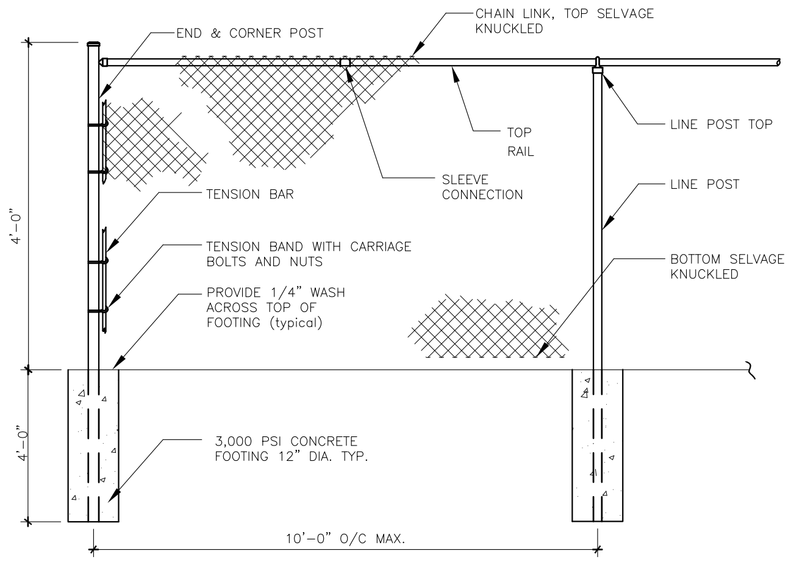


SECTION

NOTES:
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
2. DO NOT SCALE DRAWING.
3. THIS DRAWING IS INTENDED FOR USE BY ARCHITECTS, ENGINEERS, CONTRACTORS, CONSULTANTS AND DESIGN PROFESSIONALS FOR PLANNING PURPOSES ONLY. THIS DRAWING MAY NOT BE USED FOR CONSTRUCTION.
4. ALL INFORMATION CONTAINED HEREIN WAS CURRENT AT THE TIME OF DEVELOPMENT BUT MUST BE REVIEWED AND APPROVED BY THE PRODUCT MANUFACTURER TO BE CONSIDERED ACCURATE.
5. CONTRACTOR'S NOTE: FOR PRODUCT AND COMPANY INFORMATION VISIT www.CADdetails.com/info AND ENTER REFERENCE NUMBER 4934-001.

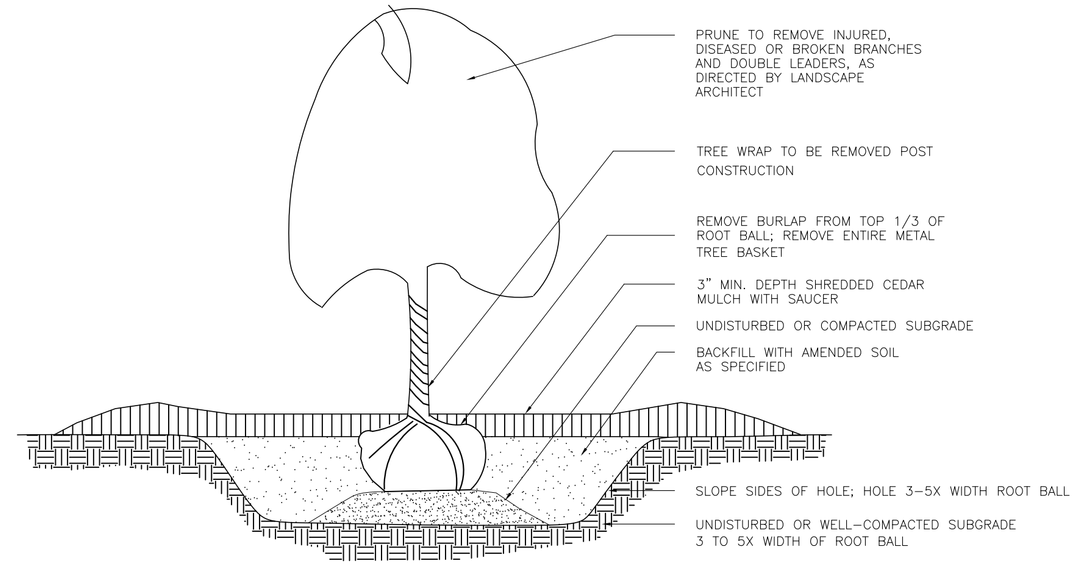
5 STABILIZED DECOMPOSED GRANITE

NTS



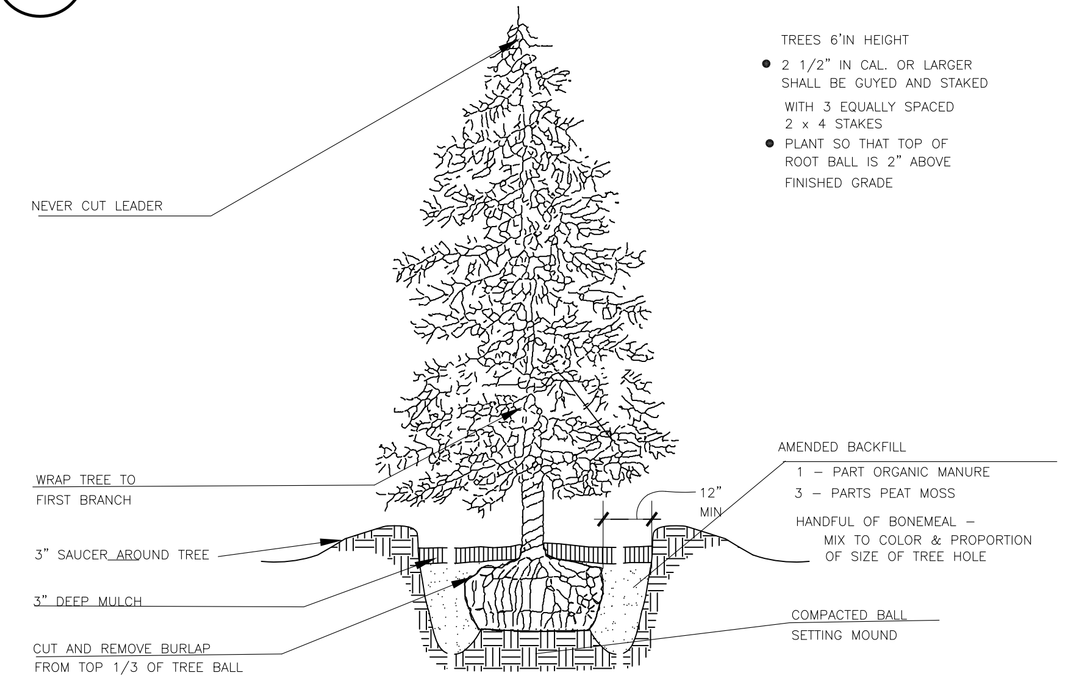
3 4'-0" HEIGHT BLACK VINYL-COATED CHAIN LINK FENCE

NTS



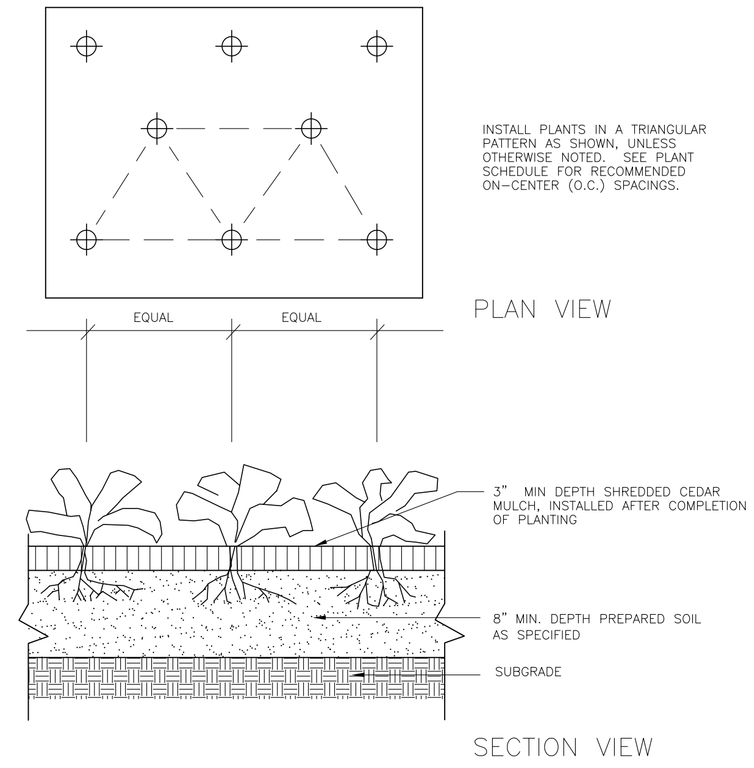
6 DECIDUOUS TREE

NTS



7 EVERGREEN TREE

NTS



8 HERBACEOUS GROUND COVER/VINE

NTS

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DETAILS
L-7

Drawing No.