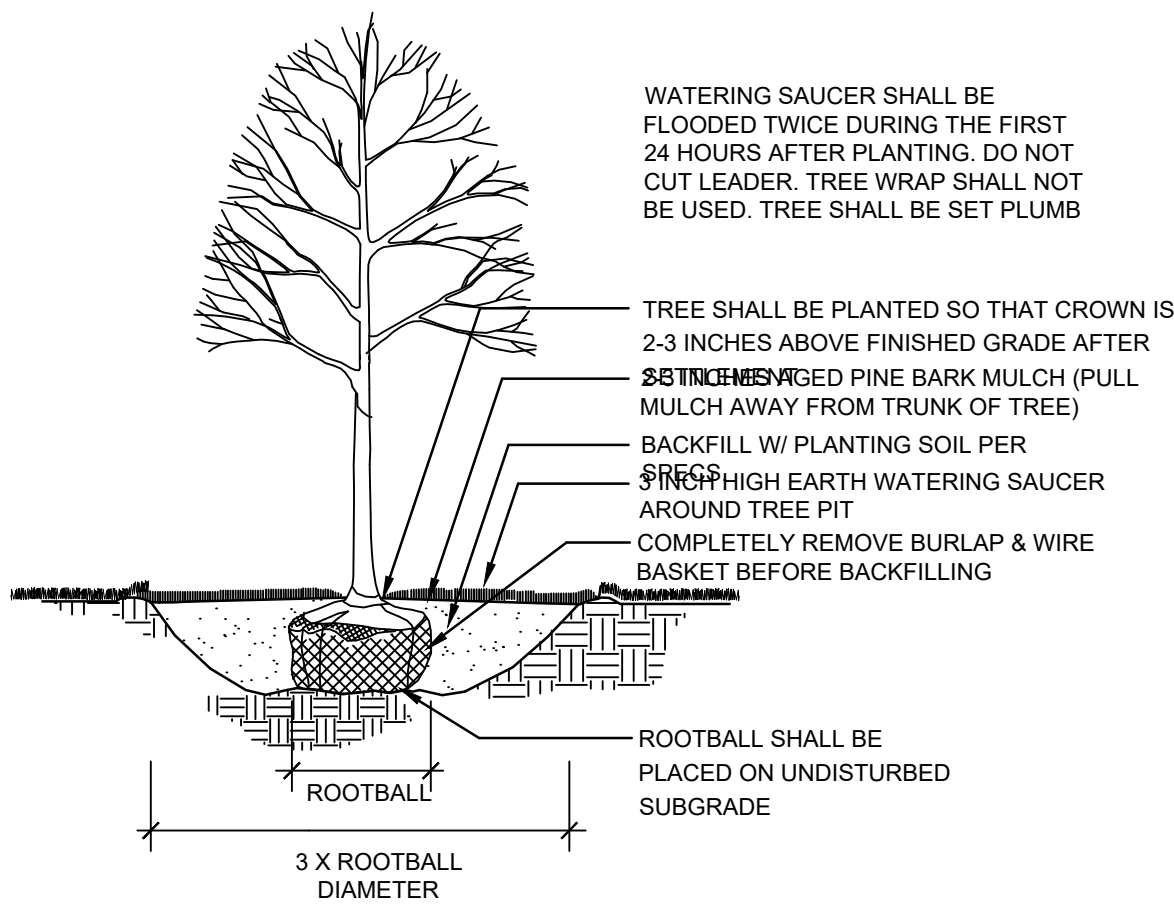
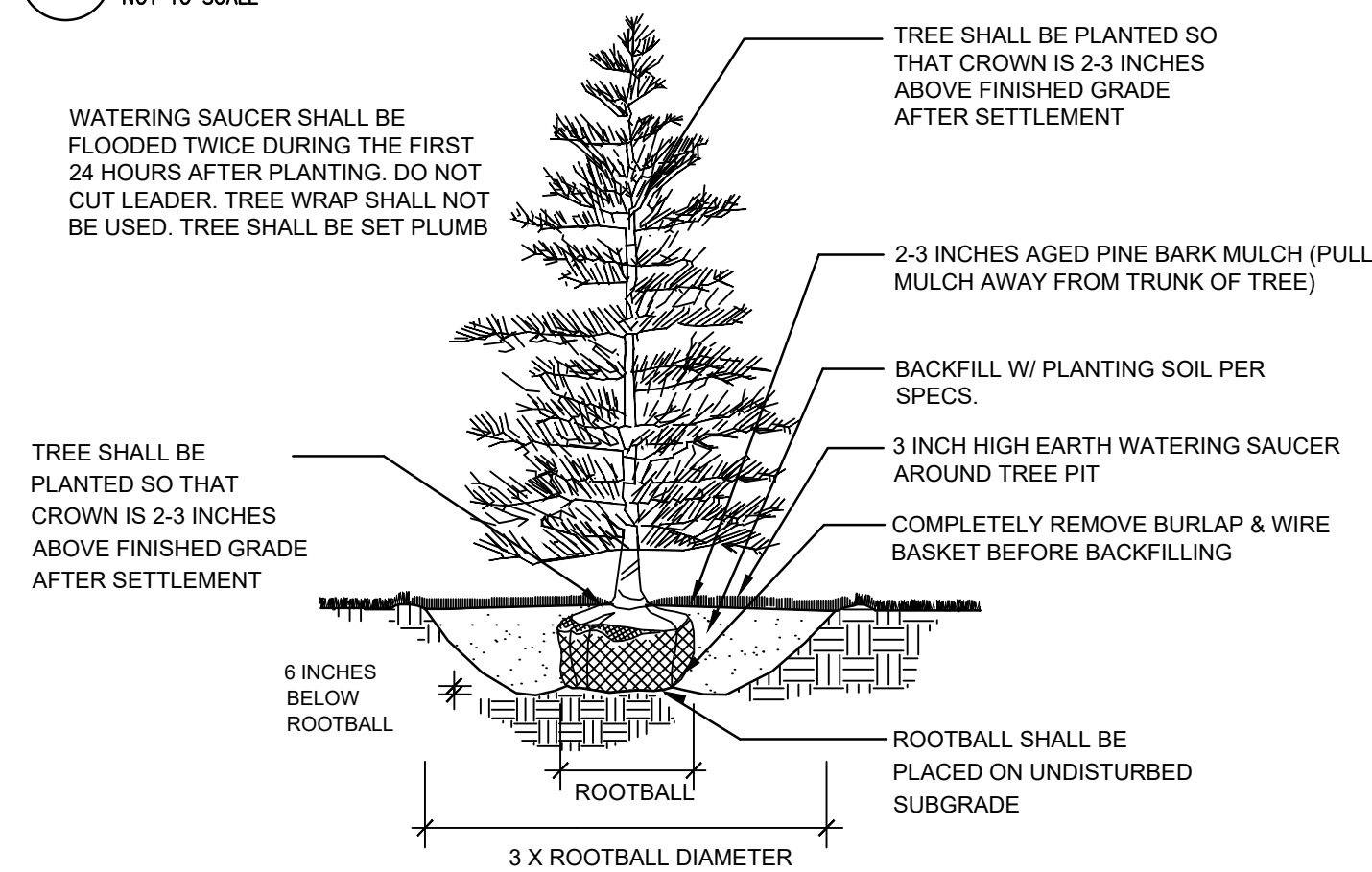
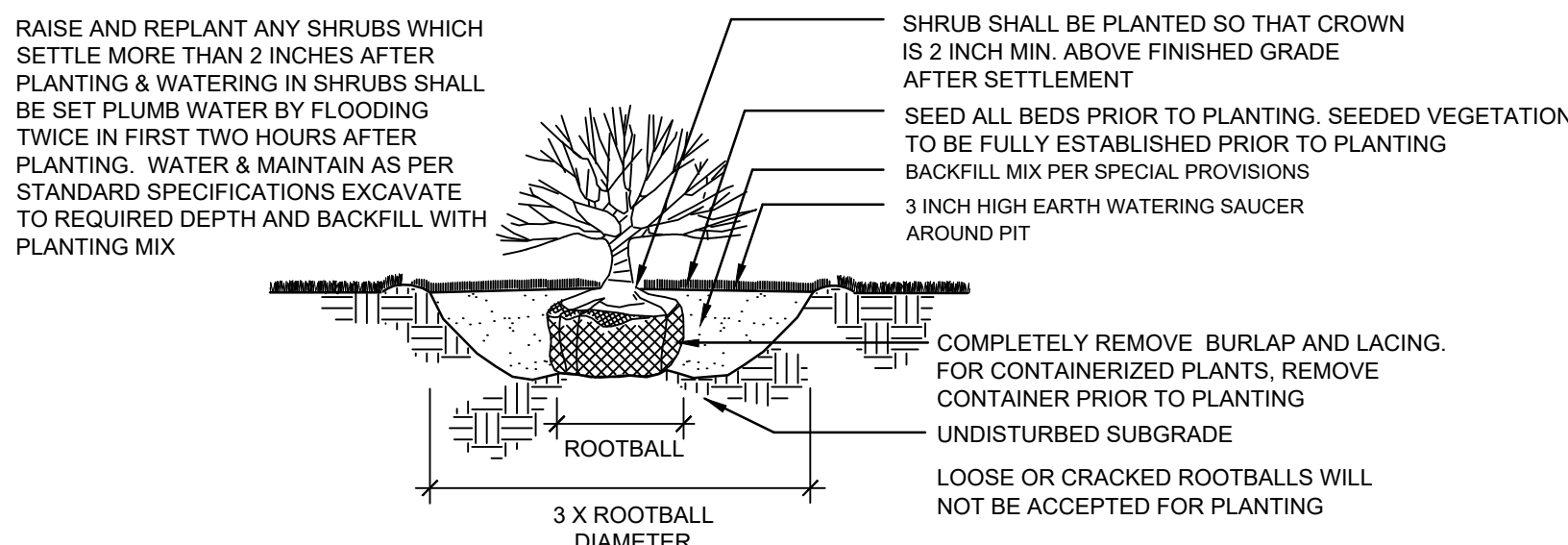




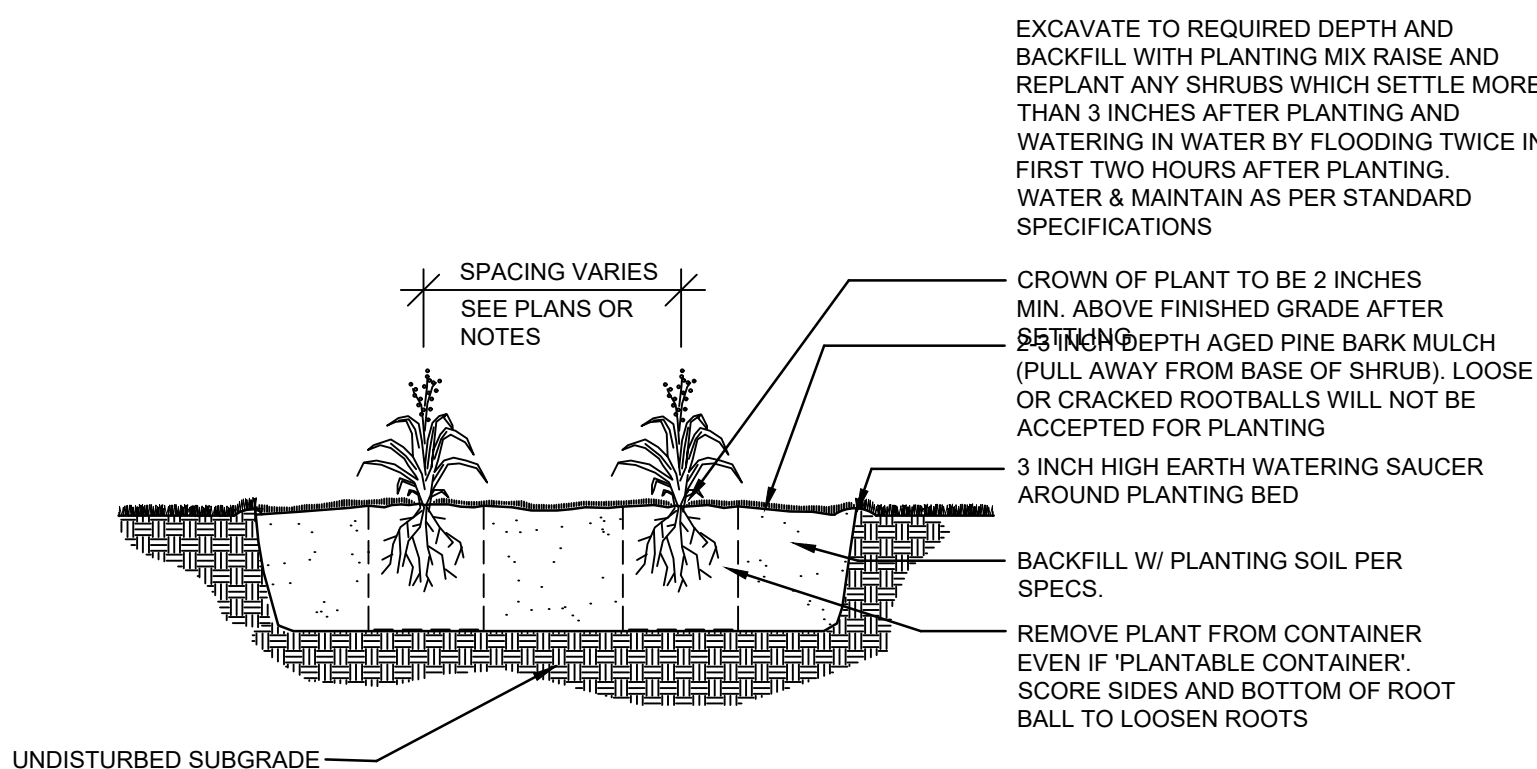
DECIDUOUS TREE PLANTING
NOT TO SCALE



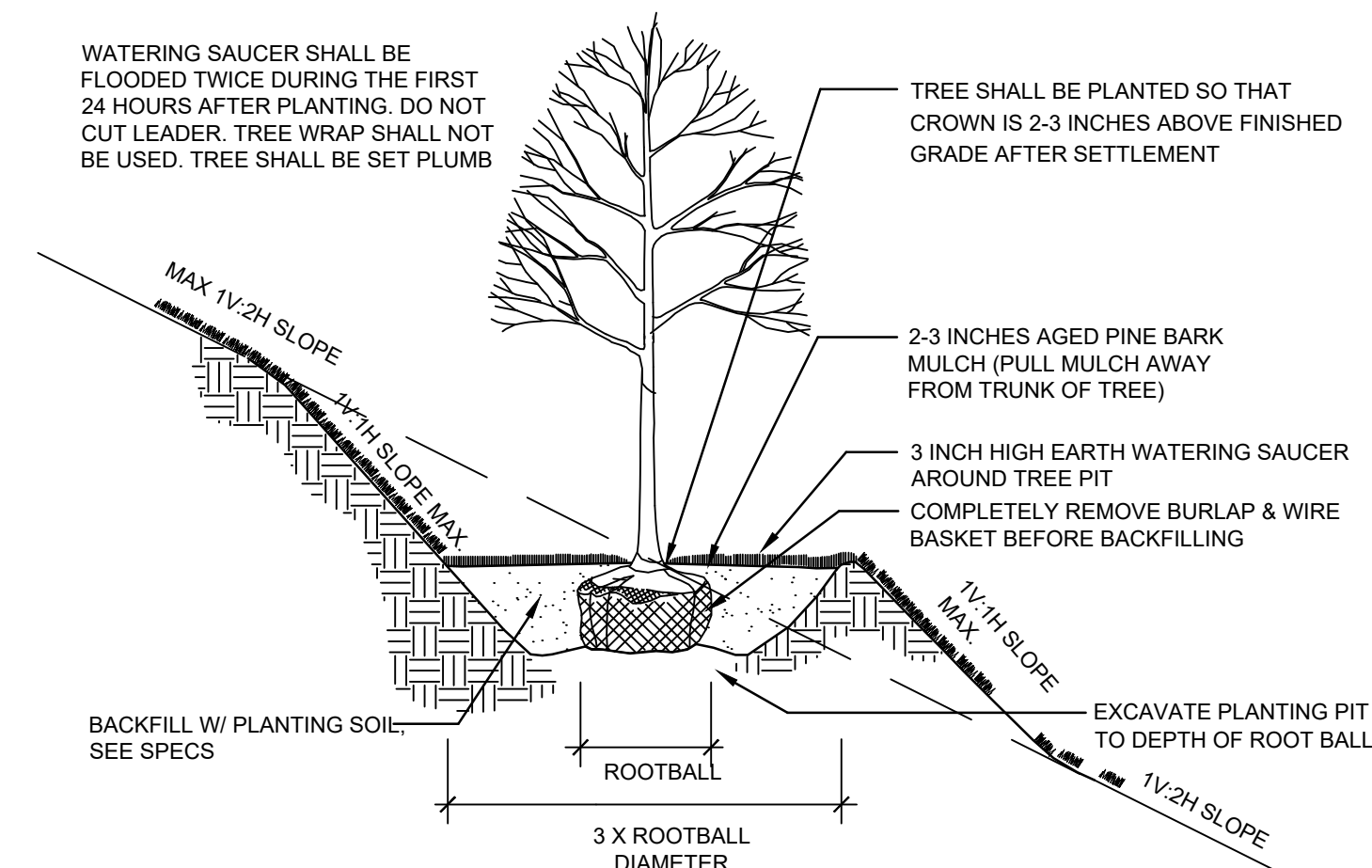
EVERGREEN TREE PLANTING
NOT TO SCALE



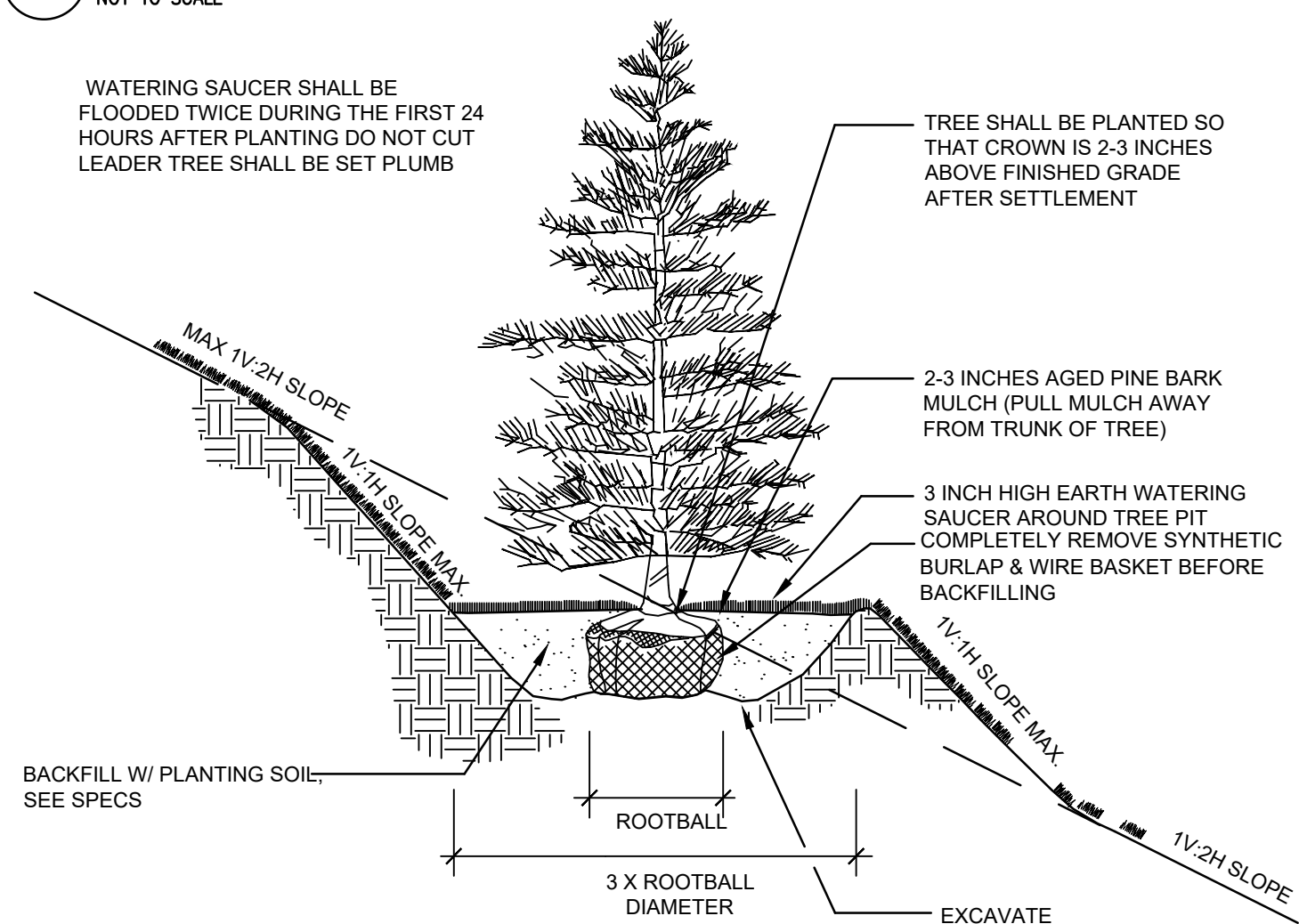
SHRUB PLANTING
NOT TO SCALE



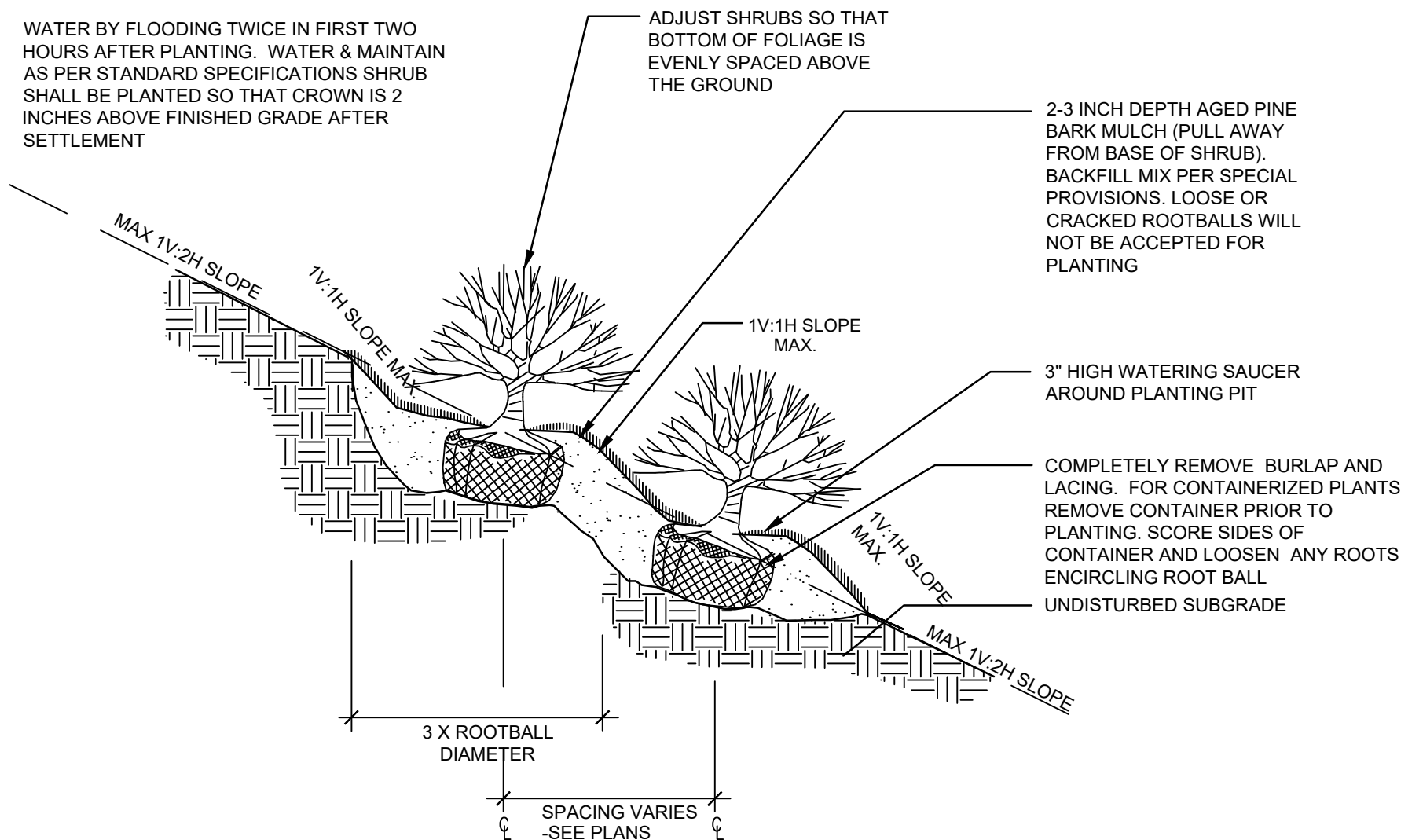
PERENNIAL PLANTING
NOT TO SCALE



DECIDUOUS TREE PLANTING (SLOPE)
NOT TO SCALE



EVERGREEN TREE PLANTING (SLOPE)
NOT TO SCALE



CONTAINERIZED SHRUB PLANTING (SLOPE) DETAIL
NOT TO SCALE

Suggested Plant Palette

Latin Name	Common Name	Size	Remarks
Deciduous Shade Trees			
Acer rubrum 'October Glory'	October Glory Red Maple	3-3.5' Cal.	B&B, full, symmetrical, high-branched
Acer rubrum 'Armstrong'	Armstrong Maple	3-3.5' Cal.	B&B, full, symmetrical, high-branched
Carpinus betulus 'Fastigiata'	Fastigiata European Hornbeam	3-3.5' Cal.	B&B, full, symmetrical, strong leader
Carpinus betulus 'Frans Fontaine'	Frans Fontaine European Hornbeam	3-3.5' Cal.	B&B, full, symmetrical, strong leader
Celtis occidentalis	Hackberry	3-3.5' Cal.	B&B, full, symmetrical, high-branched
Ginkgo 'Princeton Sentry'	Princeton Sentry Ginkgo	3-3.5' Cal.	B&B, full, symmetrical, strong leader
Gleditsia triacanthos inermis 'Skyline'	Skyline Honeylocust	3-3.5' Cal.	B&B, full, symmetrical, high-branched
Liquidambar styraciflua 'Slender Silhouette'	Slender Silhouette Sweetgum	3-3.5' Cal.	B&B, full, symmetrical, strong leader
Pyrus callieriana	Callery Pear	3-3.5' Cal.	B&B, full, symmetrical, high-branched
Quercus bicolor	Swamp White Oak	3-3.5' Cal.	B&B, full, symmetrical, high-branched
Ornamental Flowering Trees			
Amelanchier canadensis	Shadblow Serviceberry	8-10' Ht.	B&B, full, round, multi-stem
Amelanchier laevis 'Rogers'	Lustre Shadblow	2-2.5' Cal.	B&B, full, strong leader
Cercis canadensis	Eastern Redbud	8-10' Ht.	B&B, full, round, multi-stem
Cornus florida	Flowering Dogwood	8-10' Ht.	B&B, full, round, multi-stem
Crataegus phaenopyrum	Washington Hawthorn	8-10' Ht.	B&B, full, round, multi-stem
Hamamelis virginiana	Witch Hazel	8-10' Ht.	B&B, full, round, multi-stem
Evergreen Trees			
Arborvitae 'Emerald Green'	Emerald Green Arborvitae	8-10' Ht.	B&B, full, strong leader
Picea orientalis	Oriental Spruce	8-10' Ht.	B&B, full, strong leader
Pinus strobus	White Pine	8-10' Ht.	B&B, full, strong leader
Shrubs			
Aronia arbutifolia	Red Chokeberry	3-4' Ht.	Container
Clethra alnifolia	Summersweet	3-4' Ht.	Container
Cornus stolonifera 'Arctic Fire'	Arctic Fire Red-osier Dogwood	7 Gal.	Container
Forsythia x intermedia	Border Forsythia	3-4' Ht.	Container
Hibiscus syriacus	Rose of Sharon	3-4' Ht.	Container
Ilex glabra	Inkberry Holly	5 Gal.	Container
Ilex verticillata 'Red Sprite'	Red Sprite Winterberry	5 Gal.	Container
Ilex verticillata 'Southern gentleman'	Southern Gentleman Winterberry	5 Gal.	Container
Juniperus chinensis 'Hetzi Columnaris'	Upright Hetz Juniper	4-5' Ht.	Container
Juniperus chinensis 'Seagreen'	Seagreen Juniper	12-18' Spr.	Container
Juniperus horizontalis 'Blue Chip'	Blue Chip Juniper	12-18' Spr.	Container
Myrica pennsylvanica	Northern Bayberry	24-30" Ht.	Container
Physocarpus opulifolium 'Diabolo'	Ninebark	3-4' Ht.	Container
Pinus strobus 'Soft Touch'	Soft Touch White Pine	3-4' Ht.	Container
Potentilla fruticosa 'Abbotswood'	Abbotswood Potentilla	12-18" Ht.	Container
Spiraea betulifolia	Birchleaf Spirea	12-18" Ht.	Container
Viburnum trilobum	American Cranberrybush	7 Gal.	Container
Perennials, Grasses and Groundcovers			
Arctostaphylos uva-ursi	Bearberry	1 Gal.	Container
Asclepias tuberosa	Butterfly Weed	1 Gal.	Container
Aster nova-angliae	New England Aster	1 Gal.	Container
Carex pennsylvanica	Oak Sedge	1 Gal.	Container
Coreopsis verticillata 'Moonbeam'	Moonbeam Coreopsis	1 Gal.	Container
Echinacea purpurea 'Magnus'	Magnus Coneflower	1 Gal.	Container
Gaultheria procumbens	Eastern Teaberry	1 Gal.	Container
Hemerocallis x 'Pardon Me'	Pardon Me Daylily	1 Gal.	Container
Hemerocallis x 'Stella de Oro'	Stella D'Oro Daylily	1 Gal.	Container
Liatris spicata 'Kobolt'	Kobolt Blazing Star	1 Gal.	Container
Liriope muscari 'Variegata'	Variegated Lilyturf	1 Gal.	Container
Nepeta x faassenii 'Walker's Low'	Walker's Low Catmint	1 Gal.	Container
Panicum virgatum 'Shenandoah'	Shenandoah Switch Grass	1 Gal.	Container
Pennisetum alopecuroides	Fountain Grass	1 Gal.	Container
Phlox subulata	Moss Phlox	1 Gal.	Container
Rudbeckia 'American Gold Rush'	American Gold Rush Black-Eyed Susan	1 Gal.	Container
Sedum 'Autumn Joy'	Autumn Joy Stonecrop	1 Gal.	Container

PLANTING NOTES

- FURNISH AND INSTALL PLANTS AS SHOWN. CONTRACTOR SHALL BE RESPONSIBLE FOR QUANTITY OF SHRUBS GRAPHICALLY SHOWN ON PLANS. IF THERE IS A DISCREPANCY BETWEEN PLANT LIST QUANTITIES AND GRAPHICS, THE GRAPHIC SHALL TAKE PRECEDENCE.
- PRIOR TO THE START OF EXCAVATION FOR THE PROJECT BOTH ON AND OF THE SITE, THE CONTRACTOR SHALL NOTIFY DIGSAFE AND BE PROVIDED A DIGSAFE NUMBER INDICATING THAT EXISTING UTILITIES HAVE BEEN LOCATED AND MARKED.
- CONTRACTOR SHALL BEGIN 90 DAY MAINTENANCE PERIOD IMMEDIATELY UPON PLANTING AND WILL CONTINUE UNTIL FINAL ACCEPTANCE.
- CONTRACTOR SHALL VERIFY TREE REMOVALS WITH LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION START.
- CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE AWAY FROM BUILDING FOUNDATIONS, STRUCTURES, AND PLANTING BEDS.
- MAXIMUM SLOPE WITHIN DISTURBED AREAS SHALL NOT EXCEED 3:1, UNLESS OTHERWISE NOTED.
- PLANTS SHALL BEAR THE SAME RELATIONSHIP TO FINISH GRADE AS TO ORIGINAL GRADES BEFORE DIGGING.
- PLANT MATERIALS SHALL CONFORM TO THE GUIDELINES ESTABLISHED BY "THE AMERICAN STANDARD FOR NURSERY STOCK", PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMEN.
- PLANTS TO BE BALLED IN BURLAP OR CONTAINERIZED.
- MULCH FOR PLANTED AREAS TO BE AGED PINE BARK: PARTIALLY DECOMPOSED, DARK BROWN IN COLOR AND FREE OF WOOD CHIPS THICKER THAN 1/4 INCH.
- PLANTING SOIL MIX: LOAM THOROUGHLY INCORPORATED WITH ROTTED MANURE PROPORTIONED 5 C.Y. TO 1 C.Y. OR EQUIVALENT. USE OF PEAT MOSS IS PROHIBITED.
- THE LANDSCAPE CONTRACTOR SHALL GUARANTEE PLANT MATERIALS FOR ONE (1) FULL YEAR FROM DATE OF ACCEPTANCE. REQUEST THE LANDSCAPE ARCHITECT PROVIDE A WRITTEN LETTER OF ACCEPTANCE UPON COMPLETION OF EACH PHASE.
- PLANT MATERIALS ARE SUBJECT TO THE APPROVAL OF THE LANDSCAPE ARCHITECT, AT THE NURSERY, AND AT THE SITE.
- PLANT PURCHASES AT THE TIME OF PLANTING ARE SUBJECT TO MARKET CONDITIONS AND AVAILABILITY, AND ARE SUBJECT TO CHANGE. SIMILAR PLANTS MAY BE SUBSTITUTED.**
- LANDSCAPE ARCHITECT TO FLAG TREES TO BE TRANSPLANTED PRIOR TO CONSTRUCTION START.
- AREAS OF THE SITE WHICH HAVE BEEN DISTURBED AND NOT OTHERWISE DEVELOPED SHALL BE LOAMED WITH TOPSOIL TO A MINIMUM DEPTH OF 6", AND SEEDED WITH A MIX CONSISTING OF 40% PERENNIAL RYE GRASS, 30% CHEWINGS FESCUE, 30% KENTUCKY BLUEGRASS.
- SCREENED IMAGES SHOW EXISTING CONDITIONS. WHERE EXISTING CONDITIONS LIE UNDER OR ARE IMPINED UPON BY PROPOSED BUILDINGS AND/OR SITE ELEMENTS, THE EXISTING CONDITION WILL BE REMOVED, ABANDONED AND/OR CAPPED OR DEMOLISHED AS REQUIRED.
- PROVIDE AUTOMATIC IRRIGATION SYSTEM FOR PLANTINGS AND LAWN AREAS UNLESS OTHERWISE NOTED. SUBMIT DESIGN PLANS AND PRODUCT LITERATURE PER THE SPECIFICATIONS.
- THERE SHALL BE NO SUBSTITUTION OF PLANT SPECIES WITHOUT AUTHORIZATION BY THE LANDSCAPE ARCHITECT.
- NO PLANTING SHALL BE INSTALLED BEFORE ACCEPTANCE OF ROUGH GRADING.
- PLANTS TO BE THOROUGHLY WATERED AFTER INSTALLATION, AT LEAST TWICE WITHIN THE FIRST 24 HOURS.

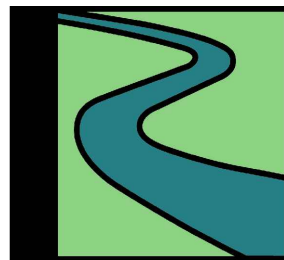
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Scale: NTS

Issue:



Sheet Name:
Landscape Details, Notes
& Schedule

Project No.:
22-11

Issue Date:
02/09/2023

Sheet No.:

L1



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Sheet Name:
Landscape Tree Plan 1

Project No.:
22-11

Issue Date:
02/09/2023

Sheet No.:

L2

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PROPOSED SHADE TREES

PROPOSED ORNAMENTAL TREES

PROPOSED EVERGREEN TREES

LOAM+SEED W/ LAWN SEED

ERNST CONSERVATION SEEDS: NATIVE STEEP SLOPE MIX W/ANNUAL RYEGRASS - ERNMX 181

ERNST CONSERVATION SEEDS: RETENTION BASIN FLOOR MIX - LOW MAINTENANCE - ERNMX 126

FOUNDATION PLANTING BEDS

EXISTING WOODED AREA

EXISTING WETLANDS

ERNST SEEDS

Ernst Conservation Seeds

8884 Mercer Pike

Meadville, PA 16335

(800) 873-3321 Fax (814) 336-5191

www.ernstseed.com

Date: May 17, 2022

Retention Basin Floor Mix - Low Maintenance - ERNMX-126

Botanical Name

Common Name

20.00 % *Panicum clandestinum*, Tioga

Deertongue, Tioga

20.00 % *Puccinellia distans*, Fuels

Alkaligrass, Fuels

18.00 % *Elymus virginicus*, Madison-NY Ecotype

Virginia Wildrye, Madison-NY Ecotype

15.00 % *Agrostis stolonifera*, 'Pennicross'

Creeping Bentgrass, 'Pennicross'

15.00 % *Poa palustris*

Fowl Bluegrass

10.00 % *Carex vulpinoidea*, PA Ecotype

Fox Sedge, PA Ecotype

1.00 % *Carex scoparia*, PA Ecotype

Blunt Broom Sedge, PA Ecotype

1.00 % *Juncus effusus*

Soft Rush

ERNST SEEDS

Ernst Conservation Seeds

8884 Mercer Pike

Meadville, PA 16335

(800) 873-3321 Fax (814) 336-5191

www.ernstseed.com

Date: May 17, 2022

Native Steep Slope Mix w/Annual Ryegrass - ERNMX-181

Botanical Name

Common Name

31.10 % *Sorghastrum nutans*, NY4 Ecotype

Indiangrass, NY4 Ecotype

20.00 % *Lolium multiflorum*

Annual Ryegrass

14.00 % *Andropogon gerardii*, 'Niagara'

Big Bluestem, 'Niagara'

10.00 % *Elymus canadensis*

Canada Wildrye

7.00 % *Elymus virginicus*, Madison-NY Ecotype

Virginia Wildrye, Madison-NY Ecotype

4.00 % *Agrostis perennans*, Albany Pine Bush-NY Ecotype

Autumn Bentgrass, Albany Pine Bush-NY Ecotype

4.00 % *Panicum virgatum*, 'Shawnee'

Switchgrass, 'Shawnee'

3.00 % *Panicum clandestinum*, Tioga

Deertongue, Tioga

1.50 % *Echinacea purpurea*

Purple Coneflower

1.30 % *Chamaecrista fasciculata*, PA Ecotype

Partridge Pea, PA Ecotype

1.20 % *Helopsis helianthoides*, PA Ecotype

Oxeye Sunflower, PA Ecotype

1.00 % *Coreopsis lanceolata*

Lanceleaf Coreopsis

1.00 % *Rudbeckia hirta*

Blackeyed Susan

0.30 % *Monarda fistulosa*, Fort Indiantown Gap-PA Ecotype

Wild Bergamot, Fort Indiantown Gap-PA Ecotype

0.20 % *Asclepias syriaca*

Common Milkweed

0.20 % *Solidago rugosa*, PA Ecotype

Wrinkleleaf Goldenrod, PA Ecotype

0.10 % *Aster lateriflorus*

Calico Aster

0.10 % *Aster pilosus*, PA Ecotype

Heath Aster, PA Ecotype

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Sheet Name:
Landscape Tree Plan 2

Project No.:
22-11

Issue Date:
02/09/2023

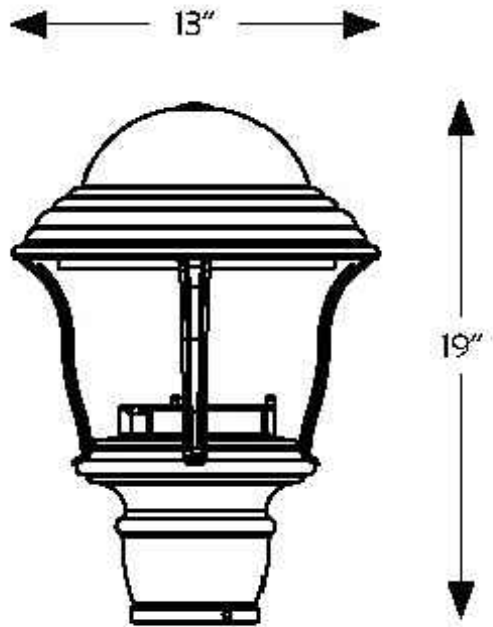
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L3

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1 BL1 – BOLLARD
SCALE: NTS



E250LED
Open Body



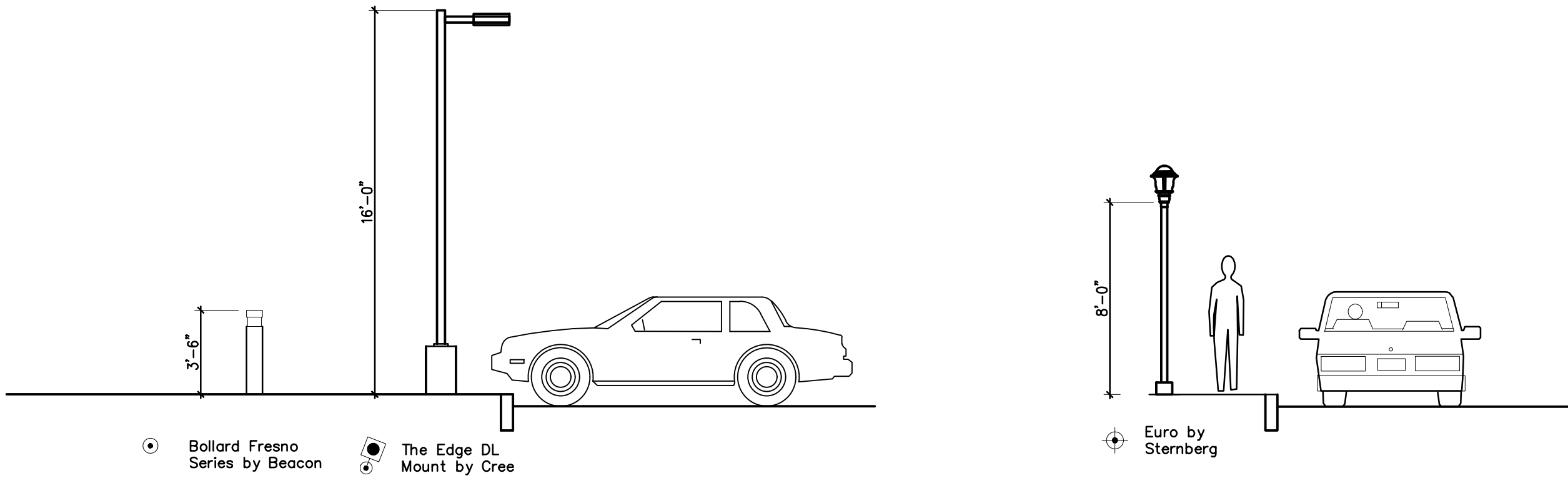
2 PT1, PT2, PT3 – PEDESTRIAN LIGHT FIXTURE
SCALE: NTS



3 SL1 & SL3 – PARKING LOT LIGHT FIXTURE
SCALE: NTS

Luminaire Schedule							
Symbol	Tag	Qty	Label	Arrangement	LLF	Description	
⊙	BL1	32	18" FBK	Single	1.000	FRESNO BOLLARD, 3000K, FULL CUTOFF, DARK SKY COMPLIANT	Lum. Watts Lum. Lumens
⊙	PT1	3	E250LED-TRND45T5-MDL03-FL	Single	1.000	STERNBERG EURO SERIES POST TOP, 2500LM, 2700K, DARK SKY, TYPE 5, FLAT LENS	25.9 2548
⊙	PT2	9	E250LED-TRND45T2-MDL03-FL	Single	1.000	STERNBERG EURO SERIES POST TOP, 2600LM, 3000K, DARK SKY, TYPE 2, FLAT LENS	30.8 2504
⊙	PT3	59	E250LED-TRND45T4-MDL03-FL	Single	1.000	STERNBERG EURO SERIES POST TOP, 2500LM, 3000K, DARK SKY, TYPE 4, FLAT LENS	30.7 2493
⊙	SL1	12	ARE-EDG-3MB-DS-UL-xx-350-	Single	1.000	CREE EDGE SHOEBOX, 6000LM, 3000K, DARK SKY, TYPE 3, BACK LIGHT CONTROL	66 6144
⊙	SL3	6	ARE-EDG-3M-DE-E-UL-xx-350-	Single	1.000	CREE EDGE SHOEBOX, 6000LM, 3000K, DARK SKY, TYPE 3 MEDIUM	67.82 6659

4 LUMINAIRE SCHEDULE
SCALE: NTS



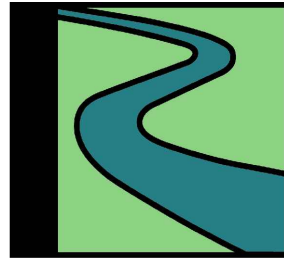
5 SITE LIGHT ELEVATION
SCALE: NTS

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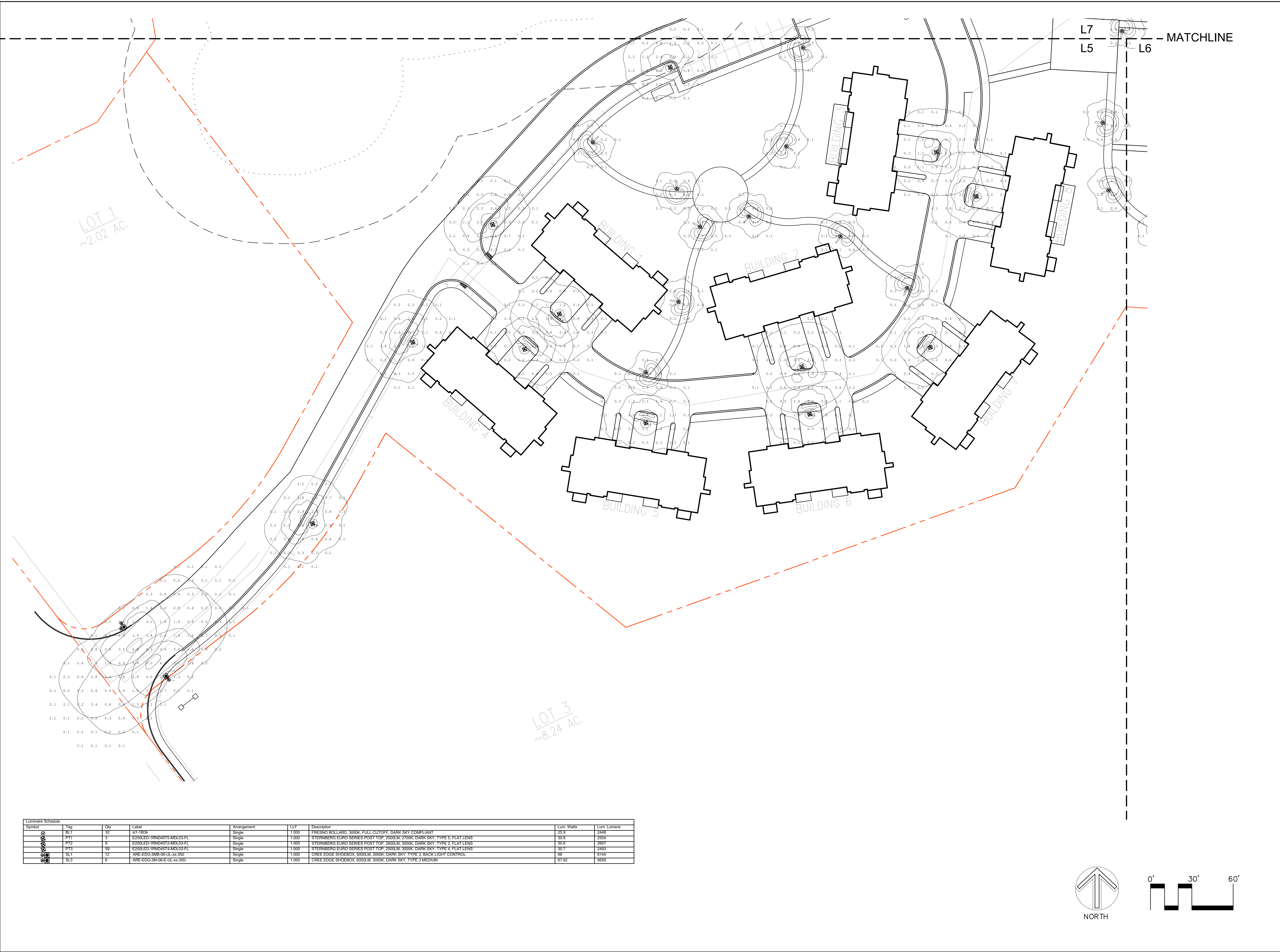
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Light Images, Schedule
& Elevation

Project No.:
22-11

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02/09/2023

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L4



500 Main Street

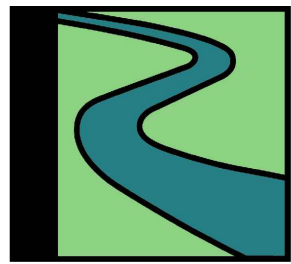
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Sheet Name:
Lighting Plan 1

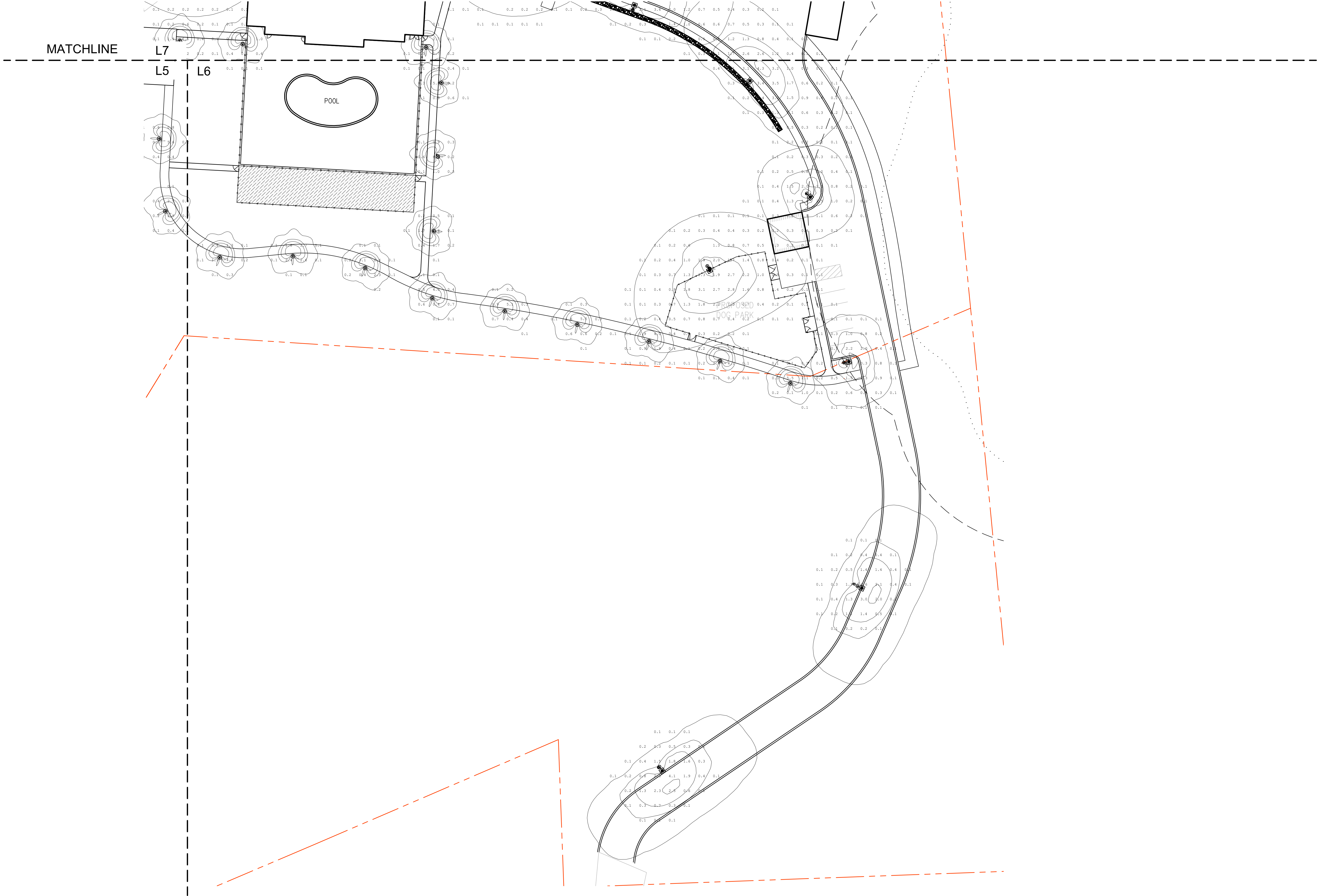
Project No.:
22-11

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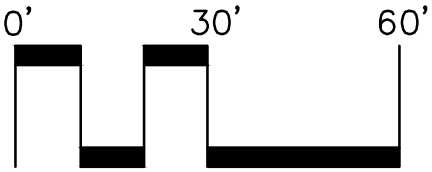
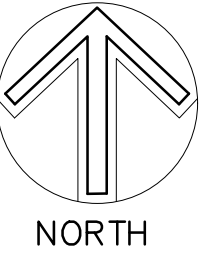
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L5

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Luminaire Schedule								
Symbol	Tag	Qty	Label	Arrangement	LLF	Description	Lum. Watts	Lum. Lumens
	BL1	32	all-183k	Single	1.000	FRESNO BOLLARD, 3000K, FULL CUTOFF, DARK SKY COMPLIANT	25.9	2448
	PL1	3	E250LED-TRND45T1-MD03-PL	Single	1.000	STERNBERG EURO SERIES POST TOP, 2500LM, 2700K, DARK SKY, TYPE 5, FLAT LENS	30.8	2504
	PL2	9	E250LED-TRND45T1-MD03-PL	Single	1.000	STERNBERG EURO SERIES POST TOP, 2500LM, 3000K, DARK SKY, TYPE 2, FLAT LENS	30.6	2507
	PL3	59	E250LED-TRND45T1-MD03-PL	Single	1.000	STERNBERG EURO SERIES POST TOP, 2500LM, 3000K, DARK SKY, TYPE 4, FLAT LENS	30.7	2593
	SL1	12	ARE-EDG-3MB-06-UL-xx-350	Single	1.000	CREE EDGE SHOEBOX, 6000LM, 3000K, DARK SKY, TYPE 3, BACK LIGHT CONTROL	66	6144
	SL3	6	ARE-EDG-3M-06-E-UL-xx-350-	Single	1.000	CREE EDGE SHOEBOX, 6000LM, 3000K, DARK SKY, TYPE 3 MEDIUM	67.62	6659

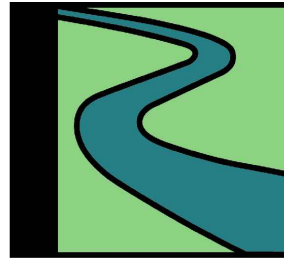


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Scale: 1"=30'-0"

Issue:



Sheet Name:
Lighting Plan 2

Project No.:
22-11

Issue Date:
02/09/2023

Sheet No.:

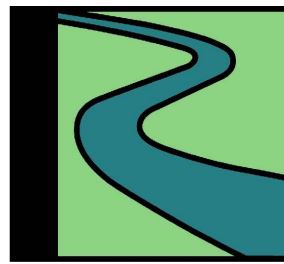
L6

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Sheet Name:
Lighting Plan 3

Project No.:
22-11

Issue Date:
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Sheet No.:

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MATCHLINE

Luminaire Schedule							
Symbol	Tag	Qty	Label	Arrangement	LLF	Description	Lum. Watts Lum. Lumens
	BL1	32	all-180k	Single	1.000	FRESNO BOLLARD, 3000K, FULL CUTOFF, DARK SKY COMPLIANT	25.9 2448
	PT1	3	E250LED-TRND45T5-MDL03-FL	Single	1.000	STERNBERG EURO SERIES POST TOP, 2500LM, 2700K, DARK SKY, TYPE 5, FLAT LENS	30.8 2504
	PT2	9	E250LED-TRND45T5-MDL03-FL	Single	1.000	STERNBERG EURO SERIES POST TOP, 2500LM, 3000K, DARK SKY, TYPE 5, FLAT LENS	30.8 2609
	PT3	59	E250LED-TRND45T5-MDL03-FL	Single	1.000	STERNBERG EURO SERIES POST TOP, 2500LM, 3000K, DARK SKY, TYPE 4, FLAT LENS	30.7 2493
	SL1	12	ARE-EDG-3MB-06UL-x2-350	Single	1.000	CREE EDGE SHOEBOX, 6000LM, 3000K, DARK SKY, TYPE 3, BACK LIGHT CONTROL	68 6144
	SL3	6	ARE-EDG-3MB-06UL-x2-350	Single	1.000	CREE EDGE SHOEBOX, 6000LM, 3000K, DARK SKY, TYPE 3, MEDIUM	67.62 6659

