

PRINCETON EXECUTIVE PARK

WEST WINDSOR, NEW JERSEY

LANDSCAPE ARCHITECTURE PLANS

SITE PLAN SUBMISSION 3/27/2020

Project: PRINCETON EXECUTIVE PARK (19-125)			
DRAWING LIST		PHASE	DATE
Cover		SITE PLAN SUBMISSION	3/27/2020
L-1	Overall Landscape Plan	SITE PLAN SUBMISSION	3/27/2020
L-1A	Circulation Plan - North	SITE PLAN SUBMISSION	3/27/2020
L-1B	Circulation Plan - South	SITE PLAN SUBMISSION	3/27/2020
L-2	Landscape Plan	SITE PLAN SUBMISSION	3/27/2020
L-3	Landscape Plan	SITE PLAN SUBMISSION	3/27/2020
L-4	Landscape Plan	SITE PLAN SUBMISSION	3/27/2020
L-5	Landscape Plan	SITE PLAN SUBMISSION	3/27/2020
L-6	Landscape Plan	SITE PLAN SUBMISSION	3/27/2020
L-7A	Overall Lighting Plan	SITE PLAN SUBMISSION	3/27/2020
L-7B	Overall Security Lighting Plan	SITE PLAN SUBMISSION	3/27/2020
L-7	Lighting Plan & Details	SITE PLAN SUBMISSION	3/27/2020
L-8	Lighting Plan & Details	SITE PLAN SUBMISSION	3/27/2020
L-9	Lighting Plan & Details	SITE PLAN SUBMISSION	3/27/2020
L-10	Lighting Plan & Details	SITE PLAN SUBMISSION	3/27/2020
L-11	Lighting Plan & Details	SITE PLAN SUBMISSION	3/27/2020
L-12	Typical Unit Planting	SITE PLAN SUBMISSION	3/27/2020
L-13	Typical Unit Planting	SITE PLAN SUBMISSION	3/27/2020
L-14	Enlargement Plan	SITE PLAN SUBMISSION	3/27/2020
L-15	Enlargement Plan	SITE PLAN SUBMISSION	3/27/2020
L-16	Enlargement Plan	SITE PLAN SUBMISSION	3/27/2020
L-17	Site Details	SITE PLAN SUBMISSION	3/27/2020
L-18	Site Details	SITE PLAN SUBMISSION	3/27/2020
L-19	Site Details	SITE PLAN SUBMISSION	3/27/2020
L-20	Planting Details & Notes	SITE PLAN SUBMISSION	3/27/2020



OPEN SPACE REQUIREMENTS:

RECREATION ELEMENT	CODE GUIDELINE	PROPOSED
USABLE RECREATION FACILITIES	10%	11,821 ACRES*
NATURAL FEATURES	N/A	N/A
BIKEWAY (ONE WAY SHARED W/ PEDESTRIANS)	8'	8'
PLAY LOT	2000-5000 SF	5676 SF TOTAL 3988 SF - NORTH 2288 SF - SOUTH
TENNIS COURTS	1 COURT/100 DWELLING UNITS	0 PROVIDED (WAIVER REQUESTED)
SWIMMING POOL	>200 DWELLING UNITS= 1800 SF	3600 SF 1800 SF - NORTH 1800 SF - SOUTH
COMMUNITY BUILDING	YES IF OVER 150 DWELLING UNITS	2
DOG RUN	NO REQUIREMENT	2820 SF
VOLLEYBALL/BOCCIE	NO REQUIREMENT	1 BOCCIE COURT
COMMUNITY GARDEN	NO REQUIREMENT	3270 SF
GAME TABLES	NO REQUIREMENT	2
PICNIC TABLES	NO REQUIREMENT	32
BBQ GRILLS	NO REQUIREMENT	10
COMMUNAL DINING TABLES	NO REQUIREMENT	12
TRASH CANS	NO REQUIREMENT	13
BIRDHOUSES	NO REQUIREMENT	21
PET WASTE DISPENSER	NO REQUIREMENT	5
LOUNGE FURNITURE	NO REQUIREMENT	222
BENCHES	NO REQUIREMENT	13

PARKING LOT SHADE TREE CHART

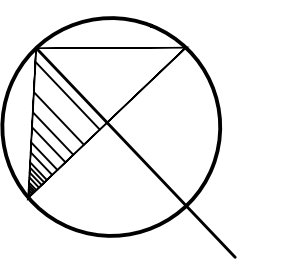
PARKING SPACES	REQUIRED	PROPOSED
RETAIL - 440	81.2	90
RESIDENTIAL NORTH - 706*	102.8	114
RESIDENTIAL SOUTH - 573*	47.4	63

BIKE RACK (1 BIKE PARKING PER 20 PARKING SPACES)

PARKING SPACES	REQUIRED	PROPOSED
RETAIL - 440	22 BIKES	22 BIKES
RESIDENTIAL NORTH - 706*	36 BIKES	38 BIKES
RESIDENTIAL SOUTH - 573*	29 BIKES	30 BIKES

*INCLUDES GARAGE, TANDEM & SURFACE PARKING SPACES

SCALE: 1"=100'



LANDSCAPE ARCHITECT

MELILLO + BAUER ASSOCIATES
LANDSCAPE ARCHITECTURE
200 UNION AVENUE
BRIDGE, NEW JERSEY 08730
(732) 528-0664

ARCHITECT

LESSARD DESIGN
8521 LEESBURG PIKE, SUITE 700
VIENNA, VA 22182
(571) 830-1800

CIVIL ENGINEER

BOWMAN CONSULTING
303 WEST MAIN STREET, SUITE 350
FREEHOLD, NJ 07728
(732) 963-8112

GENERAL NOTES:

1. THE CONTRACTOR SHALL GIVE ALL NOTICES AND COMPLY WITH ALL LAWS, ORDINANCES, RULES, REGULATIONS, AND LAWFUL ORDERS OF ANY PUBLIC AUTHORITY BEARING ON THE PERFORMANCE OF THE WORK.
2. ALL GRADING SHALL BE VERIFIED IN THE FIELD BEFORE CONSTRUCTION AND SHALL BE COORDINATED WITH THE LANDSCAPE ARCHITECT AND CIVIL ENGINEER.
3. ALL PAVING SURFACES SHALL BE FLUSH AND MEET SMOOTHLY AND EVENLY. NO WALKS SHALL EXCEED 5% OR A 2% CROSS-PITCH. ALL WALKS TO BE LAID OUT IN THE FIELD UNDER THE DIRECTION OF THE LANDSCAPE ARCHITECT.
4. ALL SITE DETAILS SHALL BE REVIEWED AND SUPPLEMENTED BY A PROFESSIONAL LICENSED STRUCTURAL ENGINEER WHO SHALL SPECIFY ALL STRUCTURAL DATA, FOOTINGS, REINFORCEMENT, HARDWARE, ETC. REQUIRED FOR STRUCTURAL INTEGRITY, SAFETY AND COMPLIANCE WITH LOCAL CODES AND CONDITIONS PRIOR TO CONSTRUCTION.
5. ALL ARCHITECTURAL INFORMATION WAS PROVIDED BY: LESSARD DESIGN, 8521 LEESBURG PIKE, SUITE 700, VIENNA, VA 22182.
6. ALL ENGINEERING INFORMATION WAS PROVIDED BY: BOWMAN CONSULTING, 303 WEST MAIN STREET, SUITE 350, FREEHOLD, NJ 07728.
7. ALL PLANTED AREAS SHALL BE IRRIGATED WITH DRIP IRRIGATION. ALL LAWN AREAS SHALL BE SODDED AND FURNISHED WITH 4" OF TOPSOIL. SEE PLANTING SPECIFICATIONS FOR TOPSOIL STANDARDS. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS.
8. ALL PLANT MATERIAL/LANDSCAPE MATERIALS SUBSTITUTIONS SHALL BE APPROVED BY THE L.A./OWNERS REPRESENTATIVES.

NOTE:
OPEN SPACE REQUIREMENTS PER SECTION 200-36 OF TOWNSHIP CODE.
*USABLE RECREATION AREA INCLUDES 4' FRINGE ALONG THE BIKEWAY

MELILLO+BAUER ASSOCIATES
Landscape Architecture



THOMAS S. CARMAN
N.J. LICENSED LANDSCAPE ARCHITECT #AS00774

NO.	DATE	REVISION
1	3-27-20	SCALE: 1"=60'
2	3-27-20	DATE: 3-27-20
3	3-27-20	JOB NO.: 19-125

DRAWING NO. L-1

EXISTING VEGETATION TO REMAIN - ANY NON-NATIVE, DELETERIOUS UNDERSTORY WILL BE CLEARED AS NECESSARY SUBJECT TO APPROVAL OF THE TOWNSHIP LANDSCAPE ARCHITECT, NJDEP WHERE APPLICABLE.

WIND BREAK BUFFER

LIMIT OF RECORDED GREENBELT (SEE CIVIL PLANS)
REVERSE FRONTAGE BUFFER

EXISTING VEGETATION

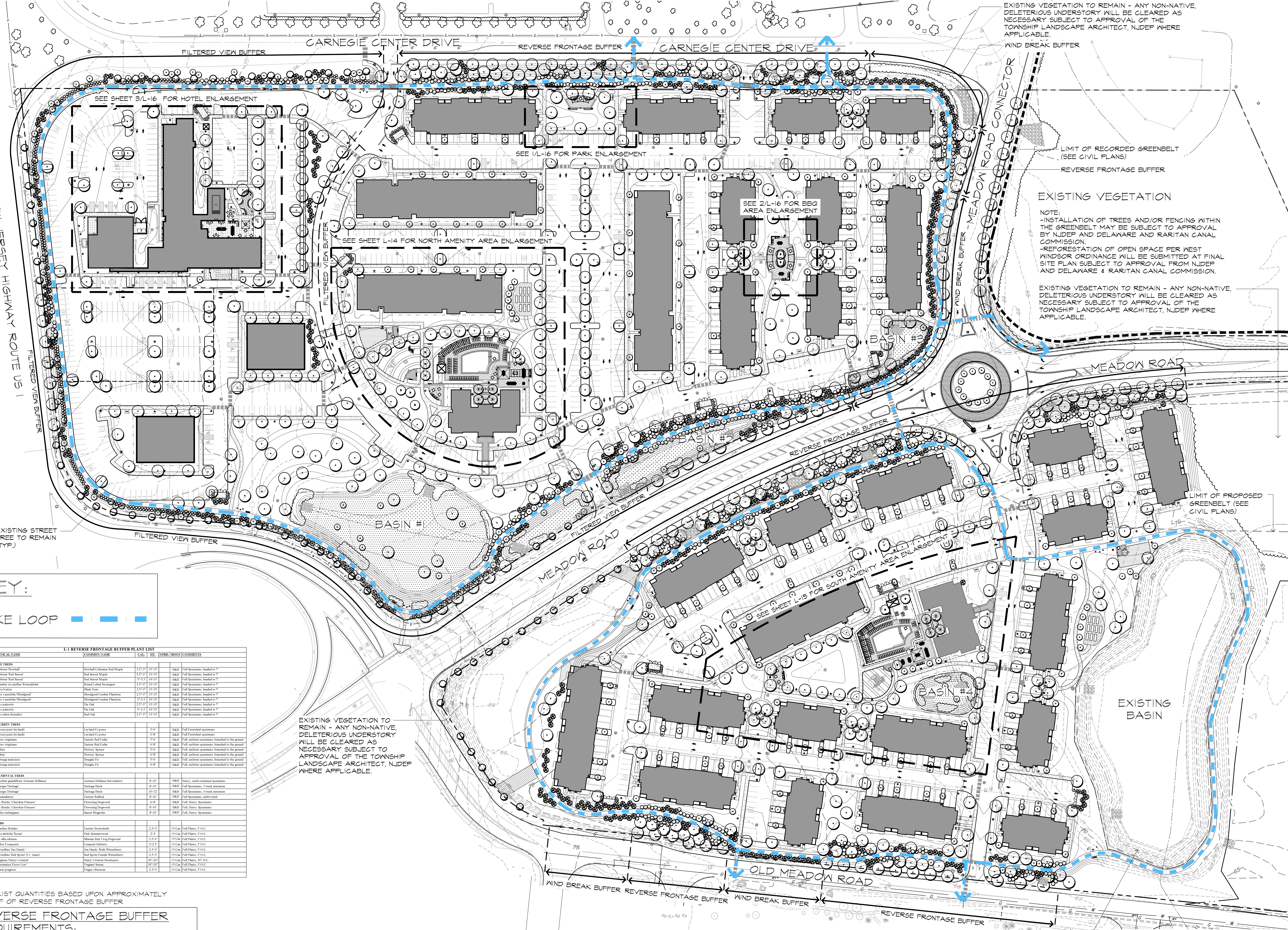
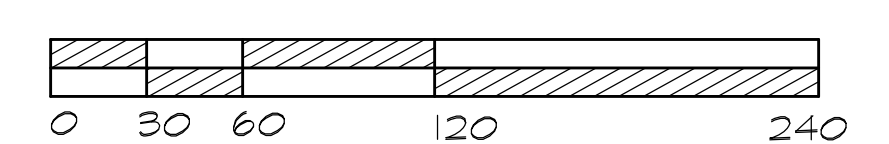
NOTE:
-INSTALLATION OF TREES AND/OR FENCING WITHIN THE GREENBELT MAY BE SUBJECT TO APPROVAL BY NJDEP AND DELAWARE AND RARITAN CANAL COMMISSION.
-REFORESTATION OF OPEN SPACE PER WEST WINDSOR ORDINANCE WILL BE SUBMITTED AT FINAL SITE PLAN SUBJECT TO APPROVAL FROM NJDEP AND DELAWARE & RARITAN CANAL COMMISSION.

EXISTING VEGETATION TO REMAIN - ANY NON-NATIVE, DELETERIOUS UNDERSTORY WILL BE CLEARED AS NECESSARY SUBJECT TO APPROVAL OF THE TOWNSHIP LANDSCAPE ARCHITECT, NJDEP WHERE APPLICABLE.

LIMIT OF PROPOSED GREENBELT (SEE CIVIL PLANS)

EXISTING BASIN

EXISTING VEGETATION TO REMAIN - ANY NON-NATIVE, DELETERIOUS UNDERSTORY WILL BE CLEARED AS NECESSARY SUBJECT TO APPROVAL OF THE TOWNSHIP LANDSCAPE ARCHITECT, NJDEP WHERE APPLICABLE.



KEY:
BIKE LOOP

L-1 REVERSE FRONTAGE BUFFER PLANT LIST

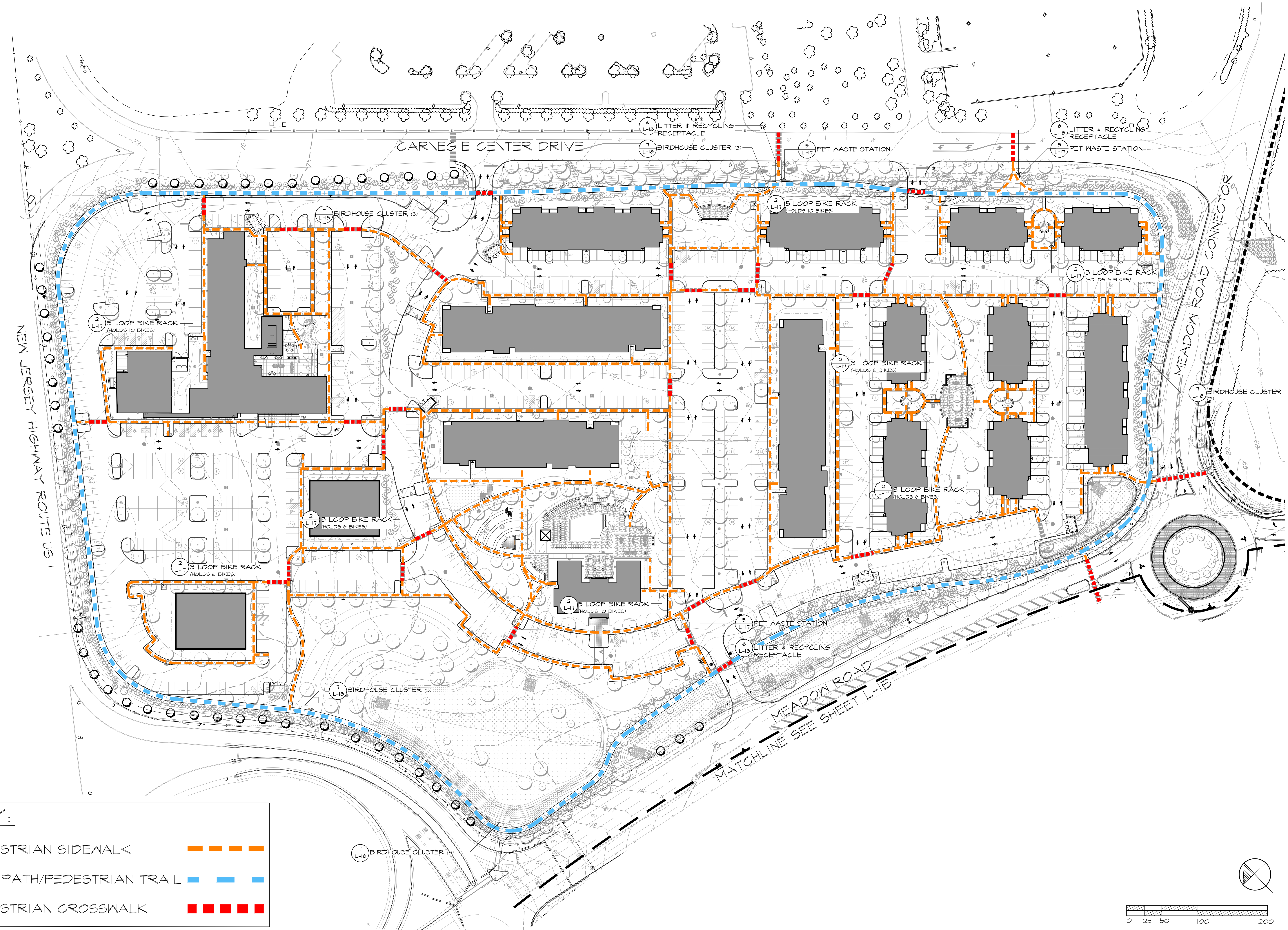
SYM	QTY	SYMBOL	COMMON NAME	CULT	HT	DBH	SPRNG	WOOD	COMMENTS
SHADE TREES									
ARR	1	Circle	American Red Cedar	2.5'-3'	13'-15'	0.60"	Full	Specimens, loaded to 7'	
ARR	20	Circle	American Red Cedar	2.5'-3'	13'-15'	0.60"	Full	Specimens, loaded to 7'	
ARR2	12	Circle	American Red Cedar	2.5'-3'	13'-15'	0.60"	Full	Specimens, loaded to 7'	
LSR	25	Circle	Liquidambar styraciflua (Sweetgum)	2.5'-3'	13'-15'	0.60"	Full	Specimens, loaded to 7'	
NS	15	Circle	Nothofagus solandri (Manoche)	2.5'-3'	13'-15'	0.60"	Full	Specimens, loaded to 7'	
PAIR	20	Circle	Platanus occidentalis (Sycamore)	2.5'-3'	13'-15'	0.60"	Full	Specimens, loaded to 7'	
PAIR2	20	Circle	Platanus occidentalis (Sycamore)	2.5'-3'	13'-15'	0.60"	Full	Specimens, loaded to 7'	
QF	20	Circle	Quercus palustris	2.5'-3'	13'-15'	0.60"	Full	Specimens, loaded to 7'	
QF2	4	Circle	Quercus palustris	2.5'-3'	13'-15'	0.60"	Full	Specimens, loaded to 7'	
QR	25	Circle	Quercus rubra (Scarlet Oak)	2.5'-3'	13'-15'	0.60"	Full	Specimens, loaded to 7'	
EVERGREEN TREES									
CE1	15	Triangle	Leucodermis cypripedium	5'-6'	0.60"	Full	Evergreen	Specimens	
CE2	10	Triangle	Leucodermis cypripedium	5'-6'	0.60"	Full	Evergreen	Specimens	
PE1	15	Triangle	Parthenoclelea virginica	5'-6'	0.60"	Full	Evergreen	Specimens, branched to the ground	
PE2	10	Triangle	Parthenoclelea virginica	5'-6'	0.60"	Full	Evergreen	Specimens, branched to the ground	
PE3	25	Triangle	Parthenoclelea virginica	5'-6'	0.60"	Full	Evergreen	Specimens, branched to the ground	
PE4	15	Triangle	Parthenoclelea virginica	5'-6'	0.60"	Full	Evergreen	Specimens, branched to the ground	
PE5	25	Triangle	Parthenoclelea virginica	5'-6'	0.60"	Full	Evergreen	Specimens, branched to the ground	
PE6	15	Triangle	Parthenoclelea virginica	5'-6'	0.60"	Full	Evergreen	Specimens, branched to the ground	
ORNAMENTAL TREES									
AC2	3	Circle	Amelanchier canadensis (Waxhaw)	8'-10'	0.60"	Full	Specimens, multi-stemmed specimens		
BN1	3	Circle	Betula nigra (Sweetgum)	8'-10'	0.60"	Full	Specimens, 3 trunk specimens		
DN1	2	Circle	Diospyros virginiana (Persimmon)	10'-12'	0.60"	Full	Specimens, 3 trunk specimens		
CC2	3	Circle	Cornus canadensis	8'-10'	0.60"	Full	Specimens, multi-trunk		
CC3	3	Circle	Cornus florida (Flowering Dogwood)	8'-10'	0.60"	Full	Specimens		
CC4	3	Circle	Cornus florida (Flowering Dogwood)	8'-10'	0.60"	Full	Specimens		
CC5	3	Circle	Cornus florida (Flowering Dogwood)	8'-10'	0.60"	Full	Specimens		
CC6	3	Circle	Cornus florida (Flowering Dogwood)	8'-10'	0.60"	Full	Specimens		
SHRUBS									
CF	40	Circle	Coreopsis grandiflora	2.5'-3'	15	Full	Specimens, F.O.C.		
CAF	45	Circle	Coreopsis grandiflora	2.5'-3'	15	Full	Specimens, F.O.C.		
CAS	30	Circle	Coreopsis grandiflora	2.5'-3'	15	Full	Specimens, F.O.C.		
CCF	15	Circle	Coreopsis grandiflora	2.5'-3'	15	Full	Specimens, F.O.C.		
CF2	10	Circle	Coreopsis grandiflora	2.5'-3'	15	Full	Specimens, F.O.C.		
CF3	45	Circle	Coreopsis grandiflora	2.5'-3'	15	Full	Specimens, F.O.C.		
CF4	30	Circle	Coreopsis grandiflora	2.5'-3'	15	Full	Specimens, F.O.C.		
CF5	40	Circle	Coreopsis grandiflora	2.5'-3'	15	Full	Specimens, F.O.C.		
CF6	45	Circle	Coreopsis grandiflora	2.5'-3'	15	Full	Specimens, F.O.C.		

NOTE:
PLANT LIST QUANTITIES BASED UPON APPROXIMATELY 2,950 LF OF REVERSE FRONTAGE BUFFER

REVERSE FRONTAGE BUFFER REQUIREMENTS:

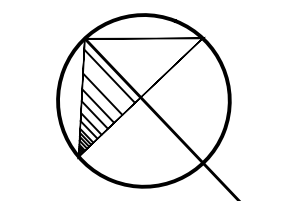
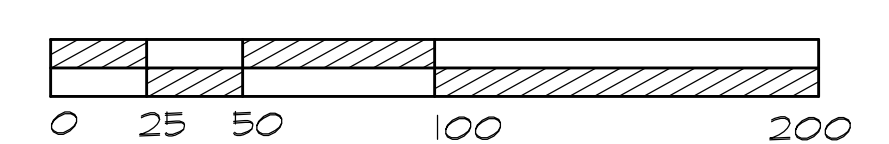
TYPE OF TREE OR SHRUB	QUANTITY PER 1,000 LINEAR FEET
STREET TREES	20
SHADE TREES	50
EVERGREEN TREES	55
ORNAMENTAL TREES	10
SHRUBS	150

EXISTING VEGETATION TO REMAIN - ANY NON-NATIVE, DELETERIOUS UNDERSTORY WILL BE CLEARED AS NECESSARY SUBJECT TO APPROVAL OF THE TOWNSHIP LANDSCAPE ARCHITECT, NJDEP WHERE APPLICABLE.



KEY:

- PEDESTRIAN SIDEWALK
- BIKE PATH/PEDESTRIAN TRAIL
- PEDESTRIAN CROSSWALK



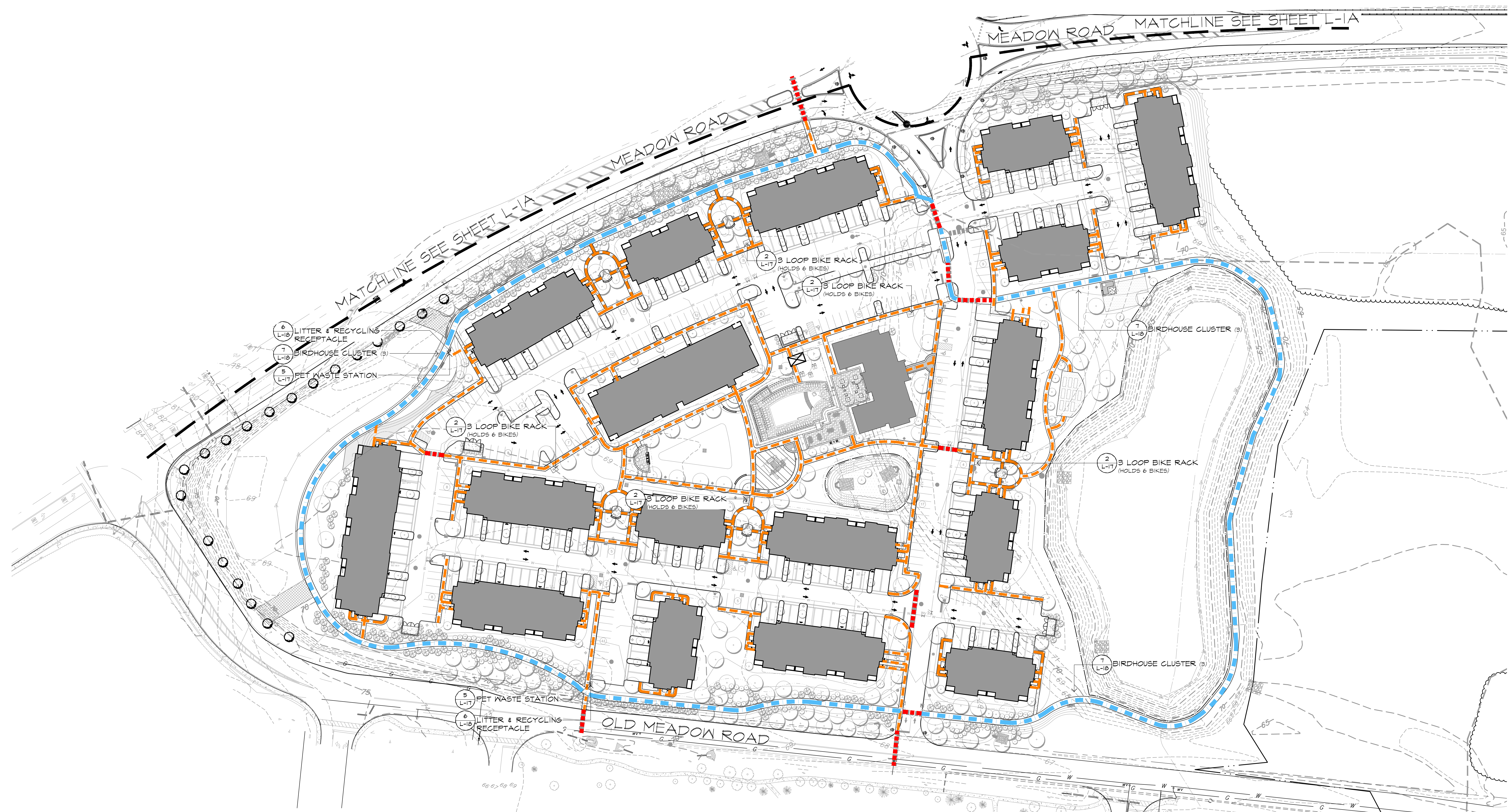


MELILLO+BAUER
ASSOCIATES
Landscape Architecture
200 Union Avenue
Bridle, New Jersey 08730
T 732.528.0644
F 732.528.1077
www.melillobauer.com

THOMAS S. CARMAN
Tom Carman
N.J. LICENSED
LANDSCAPE ARCHITECT
#AS00774

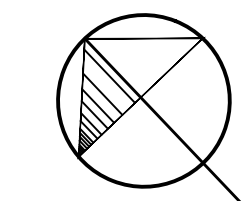
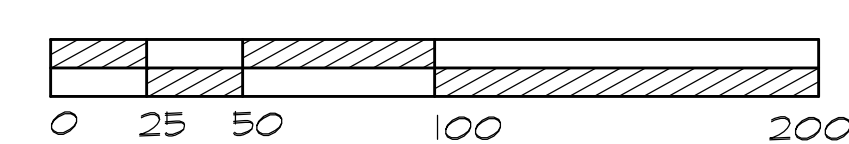
NO.	DATE	REVISION

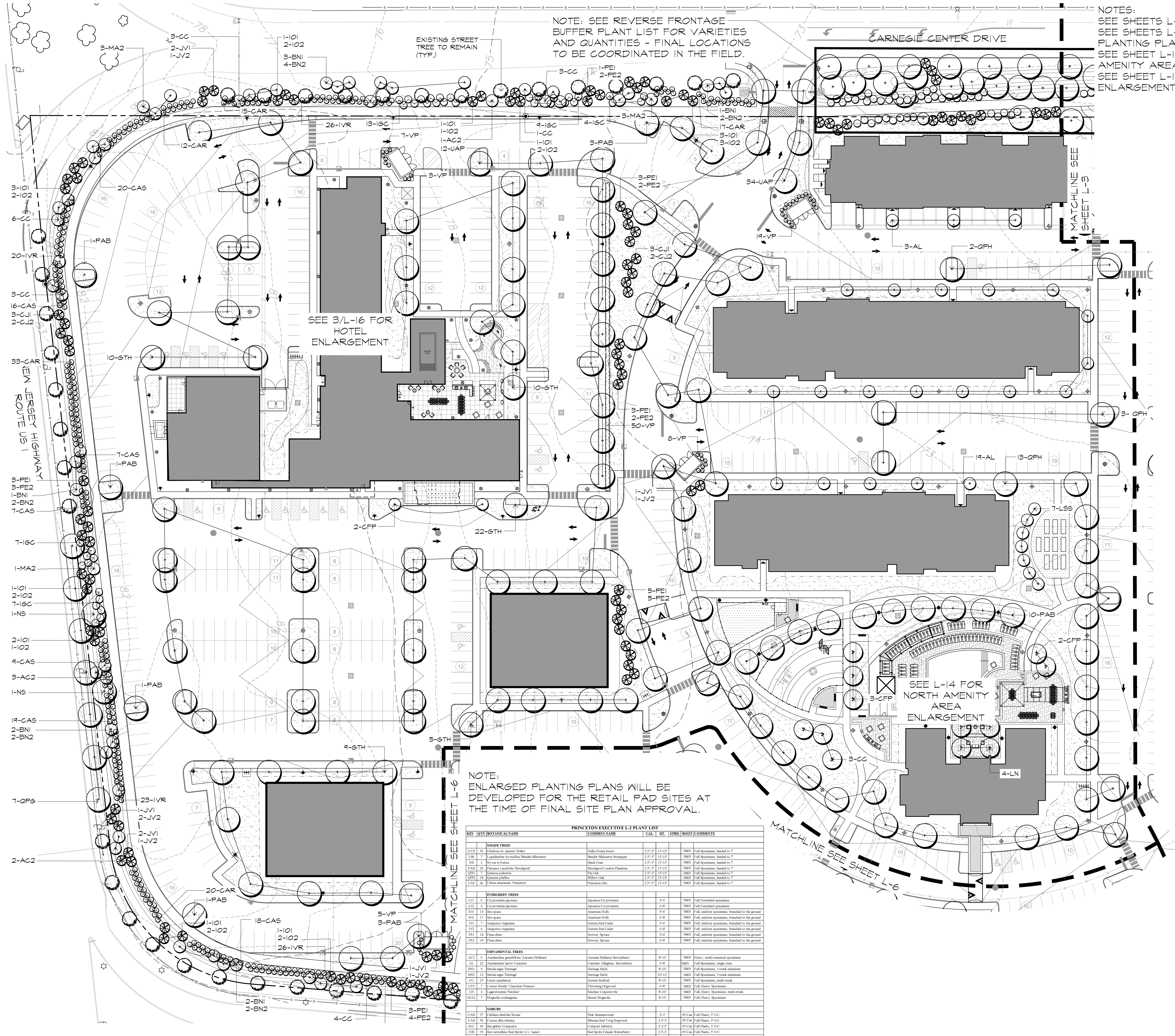
DRAWING NO.
L-1B



KEY:

- PEDESTRIAN SIDEWALK
- BIKE PATH/PEDESTRIAN TRAIL
- PEDESTRIAN CROSSWALK





NOTES:
 SEE SHEETS L-7 - L-11 FOR LIGHTING PLANS
 SEE SHEETS L-12 & L-13 FOR TYPICAL UNIT PLANTING PLANS
 SEE SHEET L-14 FOR NORTH CLUBHOUSE AMENITY AREA ENLARGEMENT PLAN
 SEE SHEET L-16 FOR HOTEL AREA ENLARGEMENT PLAN

NOTE: SEE REVERSE FRONTAGE BUFFER PLANT LIST FOR VARIETIES AND QUANTITIES - FINAL LOCATIONS TO BE COORDINATED IN THE FIELD.

NOTE:
 ENLARGED PLANTING PLANS WILL BE DEVELOPED FOR THE RETAIL PAD SITES AT THE TIME OF FINAL SITE PLAN APPROVAL.

KEY	QTY	BOTANICAL NAME	COMMON NAME	CAE	HT.	SPID.	ROOT	COMMENTS
SHADE TREES								
0118	40	<i>Kalmia latifolia</i>	Holly	2.5'-3'	10-15'	1803	Full	Specimens, banded to 7'
1388	7	<i>Liquidambar styraciflua</i>	Slender Stinkwood	2.5'-3'	15-15'	1803	Full	Specimens, banded to 7'
NS	2	<i>Nyssa sylvatica</i>	Black Gum	2.5'-3'	10-15'	1803	Full	Specimens, banded to 7'
PAB	20	<i>Platanus occidentalis</i>	Bloodgood Platanus	2.5'-3'	10-15'	1803	Full	Specimens, banded to 7'
QPH	7	<i>Quercus palustris</i>	Pink Oak	2.5'-3'	10-15'	1803	Full	Specimens, banded to 7'
184	18	<i>Quercus phellos</i>	Willow Oak	2.5'-3'	10-15'	1803	Full	Specimens, banded to 7'
184	40	<i>Ulmus americana</i>	Princeton Elm	2.5'-3'	10-15'	1803	Full	Specimens, banded to 7'
EVERGREEN TREES								
011	6	<i>Thuja occidentalis</i>	Japanese Cedar	5'-6'	6'-8'	1803	Full	Furnished specimens
022	4	<i>Thuja occidentalis</i>	Japanese Cedar	5'-6'	6'-8'	1803	Full	Furnished specimens
011	14	<i>Thuja occidentalis</i>	American Holly	5'-6'	6'-8'	1803	Full	Uniform specimens, banded to the ground
002	17	<i>Thuja occidentalis</i>	American Holly	5'-6'	6'-8'	1803	Full	Uniform specimens, banded to the ground
193	7	<i>Thuja occidentalis</i>	Eastern Red Cedar	5'-6'	6'-8'	1803	Full	Uniform specimens, banded to the ground
192	6	<i>Thuja occidentalis</i>	Eastern Red Cedar	5'-6'	6'-8'	1803	Full	Uniform specimens, banded to the ground
PE1	18	<i>Thuja occidentalis</i>	Norway Spruce	5'-6'	6'-8'	1803	Full	Uniform specimens, banded to the ground
PE2	18	<i>Thuja occidentalis</i>	Norway Spruce	5'-6'	6'-8'	1803	Full	Uniform specimens, banded to the ground
ORNAMENTAL TREES								
AC2	6	<i>Aucuba japonica</i>	Autumn Brilliance Nandina	8'-10'	1803	Full	Heavy, multi-stemmed specimens	
AL	22	<i>Amelanchier canadensis</i>	Common Red Dogwood	6'-8'	1803	Full	Specimens, single stem	
BN1	9	<i>Betula nigra</i>	Heritage Birch	8'-10'	1803	Full	Specimens, 3 trunk minimum	
BN2	12	<i>Betula nigra</i>	Heritage Birch	10'-12'	1803	Full	Specimens, 3 trunk minimum	
CS	23	<i>Cornus canadensis</i>	Japanese Red Cedar	8'-10'	1803	Full	Specimens, multi-trunk	
CFP	7	<i>Cornus florida</i>	Flowering Dogwood	6'-8'	1803	Full	Heavy Specimens	
LN	4	<i>Lagerströmia indica</i>	Nandina	8'-10'	1803	Full	Heavy Specimens, multi-trunk	
MA2	7	<i>Magnolia grandiflora</i>	Sweet Magnolia	8'-10'	1803	Full	Heavy Specimens	
SHRUBS								
CAR	97	<i>Chamaecyparis thyoides</i>	Palm Summercypress	2'-3'	85 Can	Full	Plants, 7' O.C.	
CAR	40	<i>Chamaecyparis thyoides</i>	Shoreland Red Twig Dogwood	2'-3'	85 Can	Full	Plants, 7' O.C.	
10C	40	<i>Chamaecyparis thyoides</i>	Compact Summercypress	2'-2.5'	85 Can	Full	Plants, 7' O.C.	
IVR	95	<i>Thuja occidentalis</i>	Red Spruce Female Winterberry	2'-3'	85 Can	Full	Plants, 7' O.C.	
VP	95	<i>Viburnum prunifolium</i>	Prague Viburnum	2'-2.5'	85 Can	Full	Plants, 7' O.C.	

Landscape Plan
 Submission Plans

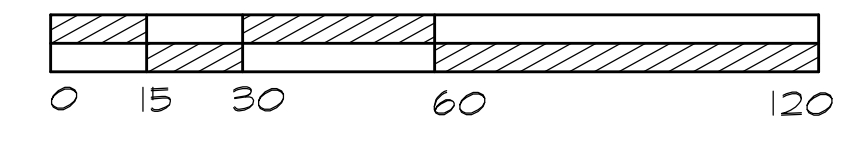
Princeton Executive Park
 West Windsor, New Jersey



THOMAS S. CARMAN
Tom Carman
 N.J. LICENSED LANDSCAPE ARCHITECT #AS00774

NO.	DATE	REVISION
1	11-30	Full Systems, single stem
2	3-27-20	Full Systems, 3 trunk minimum

DRAWING NO. L-2



NOTE: SEE REVERSE FRONTAGE BUFFER PLANT LIST FOR VARIETIES AND QUANTITIES - FINAL LOCATIONS TO BE COORDINATED IN THE FIELD.

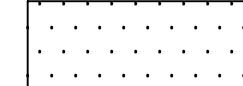
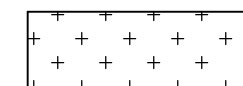

NOTE: SEE REVERSE FRONTAGE BUFFER PLANT LIST FOR VARIETIES AND QUANTITIES - FINAL LOCATIONS TO BE COORDINATED IN THE FIELD.

NOTE: SEE REVERSE FRONTAGE BUFFER PLANT LIST FOR VARIETIES AND QUANTITIES - FINAL LOCATIONS TO BE COORDINATED IN THE FIELD.

NOTE: STREET TREES IN THE RIGHT OF WAY ARE SUBJECT TO NJDOT AND/OR WEST WINDSOR APPROVALS.

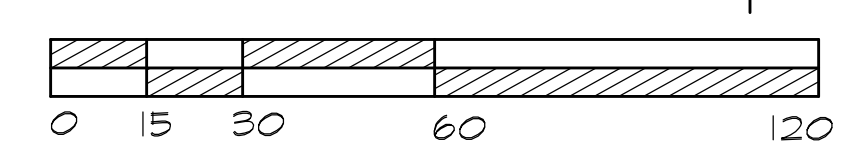
CONNECTION TO POTENTIAL TRAIL BY WEST WINDSOR
LIMIT OF RECORDED GREENBELT (SEE CIVIL PLANS)

BASIN KEY

-  BASIN BOTTOM SEED MIX
-  SAND BOTTOM
-  STEEP SLOPE SEED MIX

PRINCETON EXECUTIVE L-3 PLANT LIST									
KEY	QTY	BOTANICAL NAME	COMMON NAME	CAL.	HT.	SPRD.	ROOT	COMMENTS	
SHADE TREES									
ARR2	9	Acer rubrum 'Red Sunset'	Red Sunset Maple	3"-3.5"	14'-15'		B&B	Full Specimens, headed to 7'	
LSR	23	Liquidambar styraciflua 'Rotundifolia'	Round Lobed Sweetgum	2.5"-3"	13'-15'		B&B	Full Specimens, headed to 7'	
PAB	2	Platanus x acerifolia 'Bloodgood'	Bloodgood London Planetree	2.5"-3"	13'-15'		B&B	Full Specimens, headed to 7'	
QPG	38	Quercus palustris	Pin Oak	3"-3.5"	13'-15'		B&B	Full Specimens, headed to 7'	
QPH	3	Quercus phellos	Willow Oak	2.5"-3"	13'-15'		B&B	Full Specimens, headed to 7'	
QPP	5	Quercus palustris 'Princeton'	Princeton Pin Oak	2.5"-3"	13'-15'		B&B	Full Specimens, headed to 7'	
UAP	31	Ulmus americana 'Princeton'	Princeton Elm	2.5"-3"	13'-15'		B&B	Full Specimens, headed to 7'	
EVERGREEN TREES									
CJ1	4	Croptomeria japonica	Japanese Cr. ptiomenia		5'-6'		B&B	Full Furnished specimens	
CJ2	13	Croptomeria japonica	Japanese Cr. ptiomenia		6'-8'		B&B	Full Furnished specimens	
CJ3	12	Croptomeria japonica	Japanese Cr. ptiomenia		10'-12'		B&B	Full Furnished specimens	
IO1	13	Ilex opaca	American Holly		5'-6'		B&B	Full, uniform specimens, branched to the ground	
IO2	16	Ilex opaca	American Holly		6'-8'		B&B	Full, uniform specimens, branched to the ground	
JV1	8	Juniperus virginiana	Eastern Red Cedar		5'-6'		B&B	Full, uniform specimens, branched to the ground	
JV2	9	Juniperus virginiana	Eastern Red Cedar		6'-8'		B&B	Full, uniform specimens, branched to the ground	
PE1	9	Picea abies	Norway Spruce		5'-6'		B&B	Full, uniform specimens, branched to the ground	
PE2	13	Picea abies	Norway Spruce		6'-8'		B&B	Full, uniform specimens, branched to the ground	
PE3	5	Picea abies	Norway Spruce		10'-12'		B&B	Full, uniform specimens, branched to the ground	
ORNAMENTAL TREES									
AC2	10	Amandorhu grandiflora 'Autumn Brilliance'	Autumn Brilliance Serviceberry		8'-10'		B&B	Heavy, multi-stemmed specimens	
AL	43	Azalea indica 'Criminus'	Criminus Allegheny Serviceberry		6'-8'		B&B	Full Specimens, single stem	
BN1	1	Betula nigra 'Heritage'	Heritage Birch		8'-10'		B&B	Full Specimens, 3 trunk minimum	
BN2	2	Betula nigra 'Heritage'	Heritage Birch		10'-12'		B&B	Full Specimens, 3 trunk minimum	
MA2	8	Magnolia soulangeana	Saucer Magnolia		8'-10'		B&B	Full, Heavy Specimens	
SHRUBS									
CAR	43	Clethra alnifolia 'Rosea'	Pink Summersweet		2'-3'		#5 Can	Full Plants, 3" O.C.	
CAS	53	Cornus alba sibirica	Siberian Red Twig Dogwood		2.5'-3'		#5 Can	Full Plants, 5" O.C.	
IGC	119	Ilex glabra 'Compacta'	Compact Holly		2'-2.5'		#5 Can	Full Plants, 3" O.C.	
IVR	37	Ilex verticillata 'Red Sprite' (l.s. 'nana')	Red Sprite Female Winterberry		2.5'-3'		#5 Can	Full Plants, 5" O.C.	
MP	38	Myrica pennsylvanica	Northern Bayberry		2'-3'		#5 Can	Full Plants, 5" O.C.	
VP	30	Viburnum plicatum	Prunella Viburnum		2'-2.5'		#5 Can	Full Plants, 5" O.C.	
PERENNIALS, GROUNDCOVER & ORNAMENTAL GRASSES									
EPU	68	Eupatorium purpureum	Sweet Joe Pie Weed		2 Gal.		2 Gal.	Full Plants, 30" O.C.	
IV	15	Iris versicolor	Blue Flag Iris		2 Gal.		2 Gal.	Full Plants, 18" O.C.	
LC	54	Loebelia cardinalis	Cardinal Flower		2 Gal.		2 Gal.	Full Plants, 18" O.C.	
PAH	27	Panicum spongicarpoides 'Hamlet'	Dwarf Fountain Grass		2 Gal.		2 Gal.	Full Plants, 30" O.C.	
PVS	31	Panicum virgatum 'Shenandoah'	Shenandoah Switchgrass		2 Gal.		2 Gal.	Full Plants, 30" O.C.	

NOTES:
SEE SHEETS L-7 - L-11 FOR LIGHTING PLANS
SEE SHEETS L-12 & L-13 FOR TYPICAL UNIT PLANTING PLANS
SEE SHEET L-16 FOR BBQ NODE AREA & PARK ENLARGEMENT PLAN



Landscape Plan
Submission Plans

Princeton Executive Park
West Windsor, New Jersey



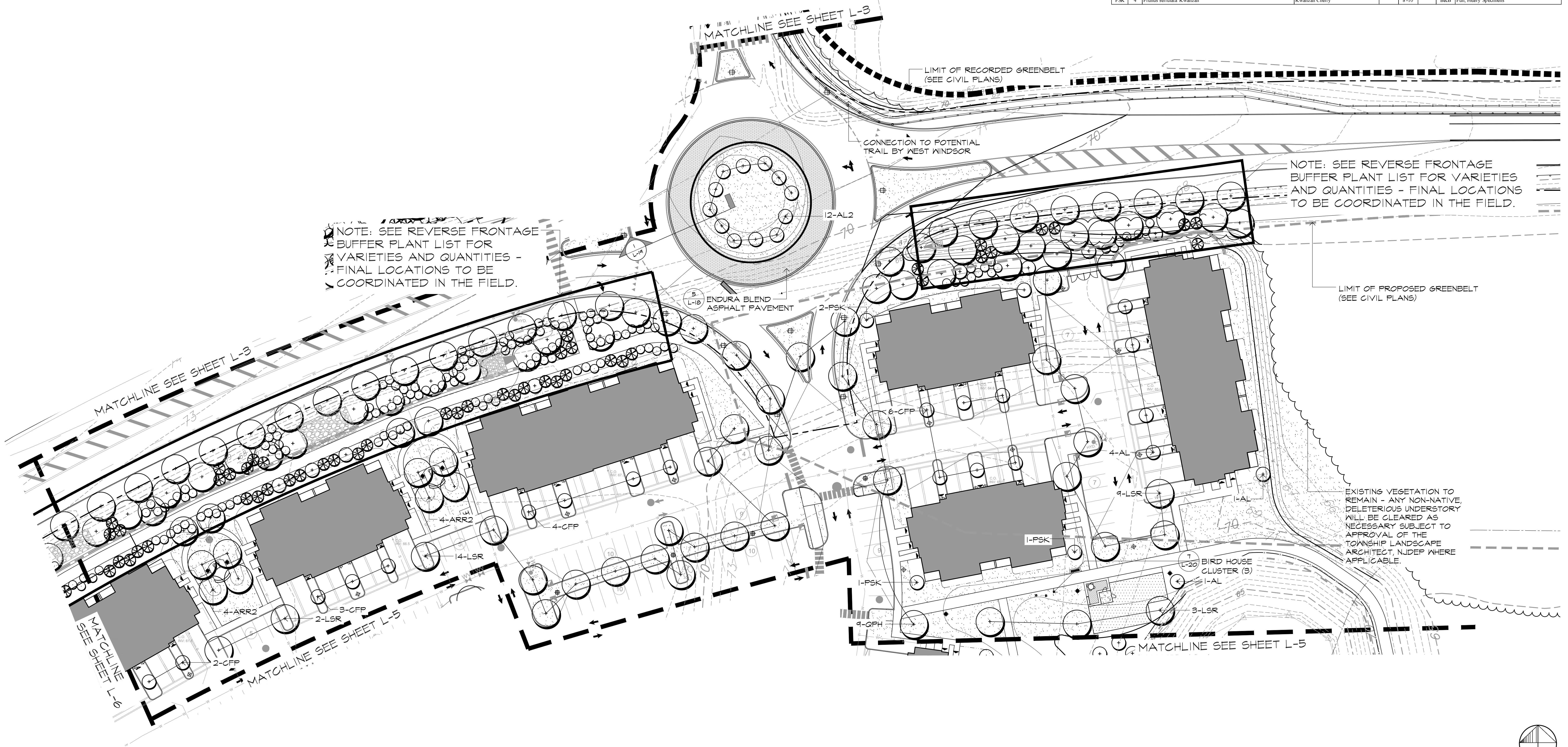
200 Union Avenue
Brielle, New Jersey 08730
1 732.528.0644
F 732.528.1077
www.melilloandbauer.com

THOMAS S. CARMAN
Thomas S. Carman
N.J. LICENSED LANDSCAPE ARCHITECT #AS00774

NO.	DATE	REVISION
1	3-27-20	19-125

DRAWING NO.
L-3

PRINCETON EXECUTIVE L-4 PLANT LIST							
KEY	QTY	BOTANICAL NAME	COMMON NAME	CAL.	HL.	SPRD.	ROOT COMMENTS
SHADE TREES							
ARR2	8	<i>Acer rubrum</i> 'Red Sunset'	Red Sunset Maple	3'-3.5'	14'-15'		B&B Full Specimens, headed to 7'
LSR	28	<i>Liquidambar styraciflua</i> 'Rotundiloba'	Round Lebed Sweetgum	2.5'-3'	13'-15'		B&B Full Specimens, headed to 7'
QPH	9	<i>Quercus phellos</i>	Willow Oak	2.5'-3'	13'-15'		B&B Full Specimens, headed to 7'
ORNAMENTAL TREES							
AL	6	<i>Amelanchier laevis</i> 'Cumulus'	Cumulus Allegheny Serviceberry		6'-8'		B&B Full Specimens, single stem
AL2	12	<i>Amelanchier laevis</i> 'Cumulus'	Cumulus Allegheny Serviceberry	2'-2.5'	11'-13'		Full Specimens, single stem
CFP	15	<i>Cornus florida</i> 'Cherokee Princess'	Flowering Dogwood		6'-8'		B&B Full Heavy Specimens
PSK	4	<i>Prunus serotina</i> 'Kwanzan'	Kwanzan Cherry		8'-10'		B&B Full Heavy Specimens

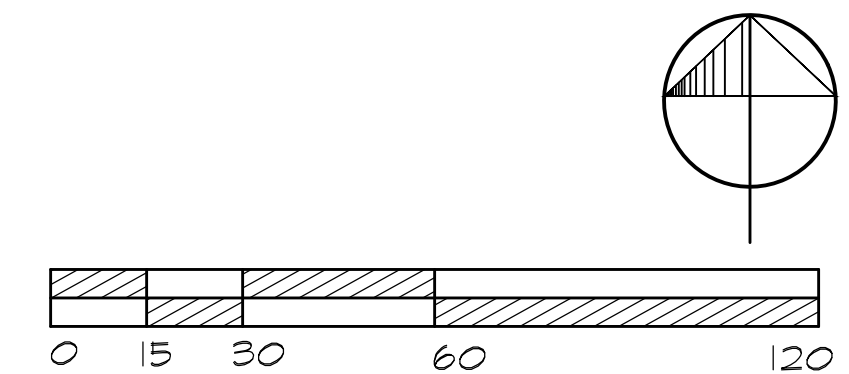


NOTE: SEE REVERSE FRONTAGE BUFFER PLANT LIST FOR VARIETIES AND QUANTITIES - FINAL LOCATIONS TO BE COORDINATED IN THE FIELD.

NOTE: SEE REVERSE FRONTAGE BUFFER PLANT LIST FOR VARIETIES AND QUANTITIES - FINAL LOCATIONS TO BE COORDINATED IN THE FIELD.

EXISTING VEGETATION TO REMAIN - ANY NON-NATIVE DELETERIOUS UNDERSTORY WILL BE CLEARED AS NECESSARY SUBJECT TO APPROVAL OF THE TOWNSHIP LANDSCAPE ARCHITECT, NJDEP WHERE APPLICABLE.

NOTES:
SEE SHEETS L-7 & L-11 FOR LIGHTING PLANS
SEE SHEETS L-12 & L-13 FOR TYPICAL UNIT PLANTING PLANS



MELILLO+BAUER ASSOCIATES
Landscape Architecture
200 Union Avenue
Brielle, New Jersey 08730
T 732.528.0644
F 732.528.1077
www.melillobauer.com

THOMAS S. CARMAN
Tom Carman
N.J. LICENSED LANDSCAPE ARCHITECT
#AS00774

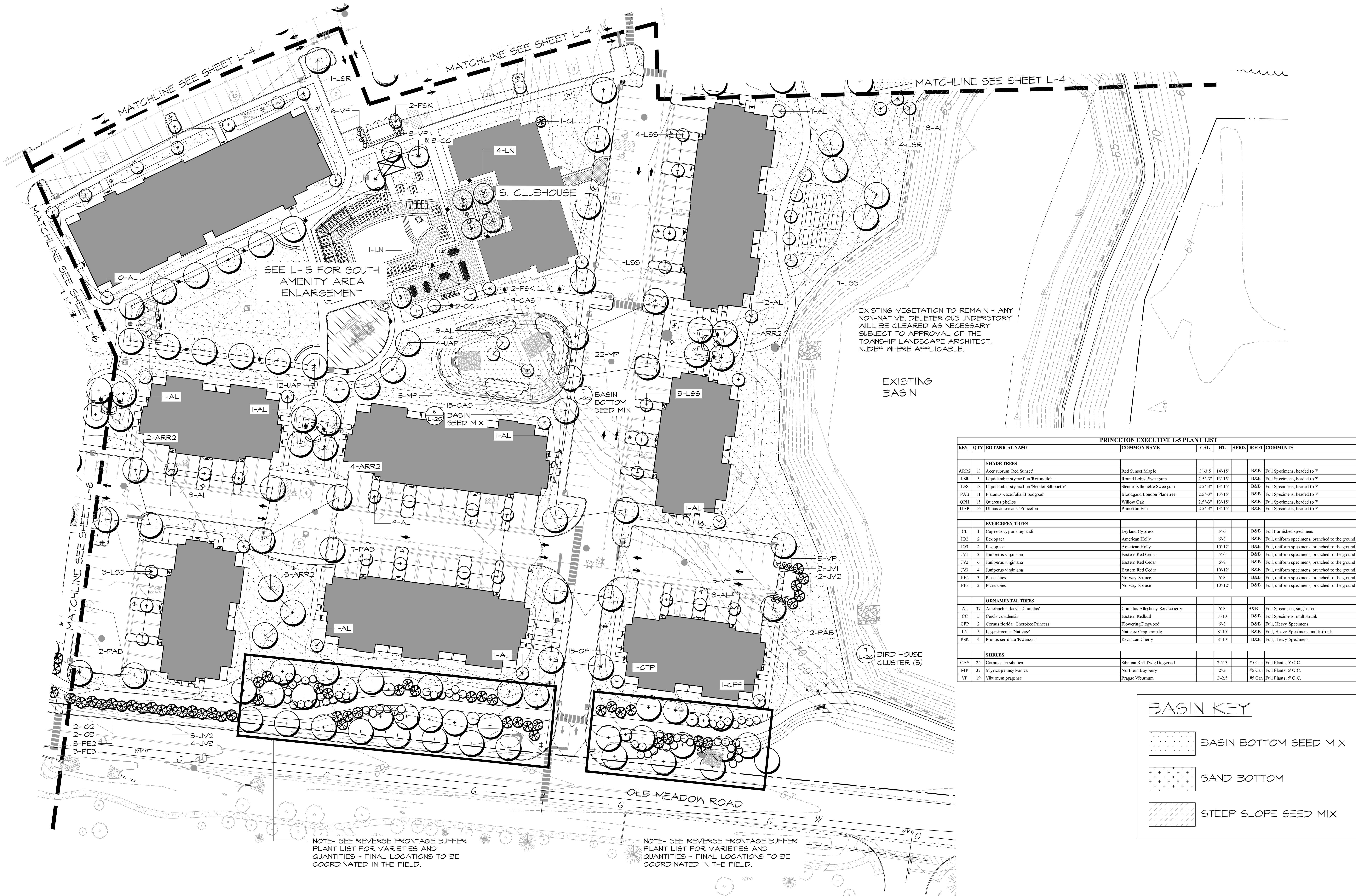
NO.	DATE	REVISION



MELILLO+BAUER
ASSOCIATES
Landscape Architecture
200 Union Avenue
Bridle, New Jersey 08730
T 732.528.0644
F 732.528.1077
www.melilloandbauer.com

THOMAS S. CARMAN
Thomas S. Carman
N.J. LICENSED
LANDSCAPE ARCHITECT
#AS00774

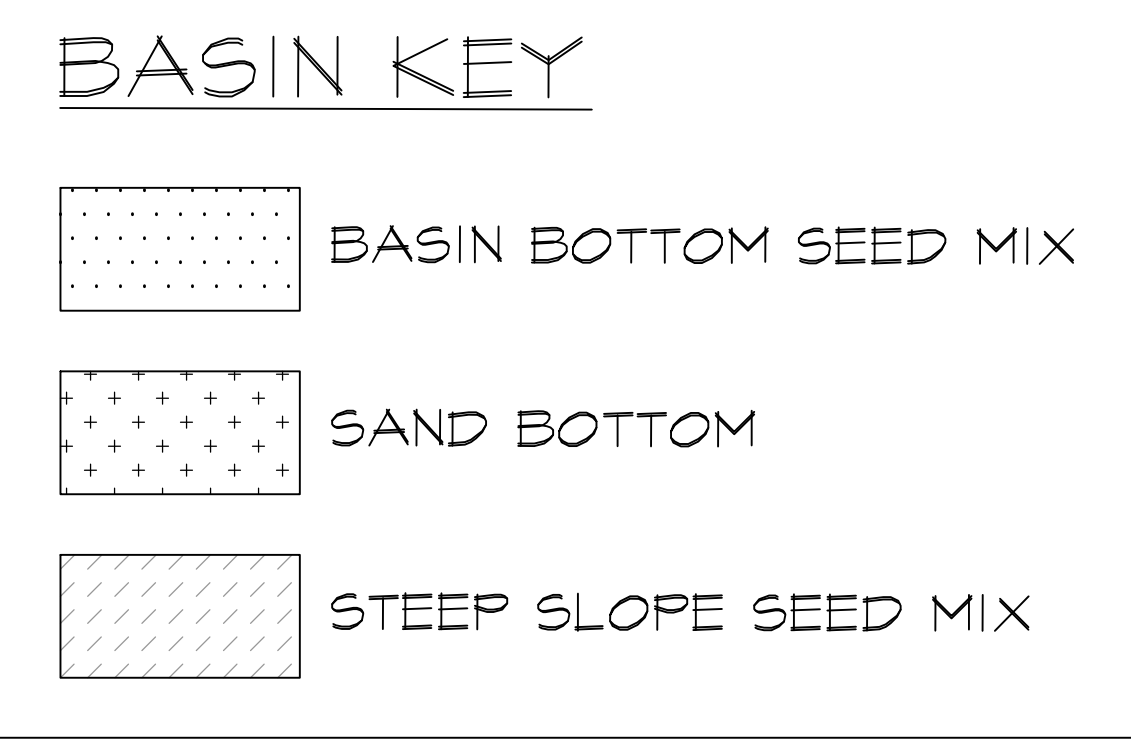
NO.	DATE	REVISION
SCALE:	1"=30'	
DATE:	3-27-20	JOB NO.: 19-125
DRAWING NO.		
L-5		



EXISTING VEGETATION TO REMAIN - ANY NON-NATIVE, DELETERIOUS UNDERSTORY WILL BE CLEARED AS NECESSARY SUBJECT TO APPROVAL OF THE TOWNSHIP LANDSCAPE ARCHITECT, NJDEP WHERE APPLICABLE.

EXISTING BASIN

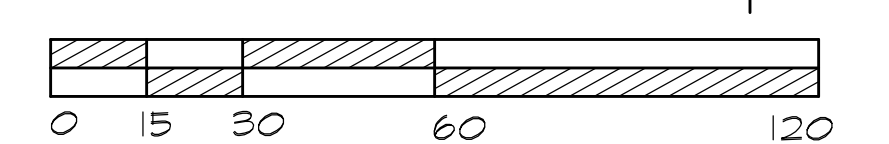
PRINCETON EXECUTIVE L-5 PLANT LIST							
KEY	QTY	BOTANICAL NAME	COMMON NAME	CAL.	HL.	SPRD.	ROOT COMMENTS
SHADE TREES							
ARR2	13	<i>Acer rubrum 'Red Sunset'</i>	Red Sunset Maple	3'-3.5'	14'-15'		B&B Full Specimens, headed to 7'
L5R	5	<i>Liquidambar styraciflua 'Roundloba'</i>	Round Lobed Sweetgum	2.5'-3'	13'-15'		B&B Full Specimens, headed to 7'
L5S	18	<i>Liquidambar styraciflua 'Slender Silhouette'</i>	Slender Silhouette Sweetgum	2.5'-3'	13'-15'		B&B Full Specimens, headed to 7'
PAB	11	<i>Platanus acerifolia 'Bloodgood'</i>	Bloodgood London Planetree	2.5'-3'	13'-15'		B&B Full Specimens, headed to 7'
QPH	15	<i>Quercus phellos</i>	Willow Oak	2.5'-3'	13'-15'		B&B Full Specimens, headed to 7'
UAP	16	<i>Ulmus americana 'Princeton'</i>	Princeton Elm	2.5'-3'	13'-15'		B&B Full Specimens, headed to 7'
EVERGREEN TREES							
CL	1	<i>Cupressus parisi leylandii</i>	Leyland Cypress	5'-6'			B&B Full Furnished specimens
IO2	2	<i>Ilex opaca</i>	American Holly	6'-8'			B&B Full, uniform specimens, branched to the ground
IO3	2	<i>Ilex opaca</i>	American Holly	10'-12'			B&B Full, uniform specimens, branched to the ground
JV1	3	<i>Juniperus virginiana</i>	Eastern Red Cedar	5'-6'			B&B Full, uniform specimens, branched to the ground
JV2	6	<i>Juniperus virginiana</i>	Eastern Red Cedar	6'-8'			B&B Full, uniform specimens, branched to the ground
JV3	4	<i>Juniperus virginiana</i>	Eastern Red Cedar	10'-12'			B&B Full, uniform specimens, branched to the ground
PE2	3	<i>Picea abies</i>	Norway Spruce	6'-8'			B&B Full, uniform specimens, branched to the ground
PE3	3	<i>Picea abies</i>	Norway Spruce	10'-12'			B&B Full, uniform specimens, branched to the ground
ORNAMENTAL TREES							
AL	37	<i>Amandorlier laevis 'Cumulus'</i>	Cumulus Allegheny Serviceberry	6'-8'			B&B Full Specimens, single stem
CC	5	<i>Cercis canadensis</i>	Eastern Redbud	8'-10'			B&B Full Specimens, multi-trunk
CFP	2	<i>Cornus florida 'Cherokee Princess'</i>	Flowering Dogwood	6'-8'			B&B Full, Heavy Specimens
LN	5	<i>Lagerstroemia 'Natchez'</i>	Natchez Crapeemyrtle	8'-10'			B&B Full, Heavy Specimens, multi-trunk
PSK	4	<i>Prunus serotina 'Kwanzan'</i>	Kwanzan Cherry	8'-10'			B&B Full, Heavy Specimens
SHRUBS							
CAS	24	<i>Cornus alba sibirica</i>	Siberian Red Twig Dogwood	2.5'-3'		#5 Can	Full Plants, 5' O.C.
MP	37	<i>Myrica pennsylvanica</i>	Northern Bayberry	2'-3'		#5 Can	Full Plants, 5' O.C.
VP	19	<i>Viburnum pragnese</i>	Prague Viburnum	2'-2.5'		#5 Can	Full Plants, 5' O.C.



NOTE- SEE REVERSE FRONTAGE BUFFER PLANT LIST FOR VARIETIES AND QUANTITIES - FINAL LOCATIONS TO BE COORDINATED IN THE FIELD.


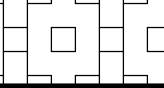
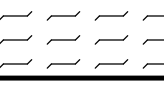
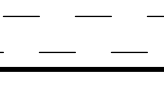


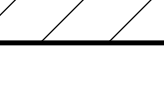
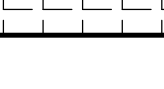
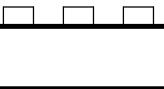



NOTE- SEE REVERSE FRONTAGE BUFFER PLANT LIST FOR VARIETIES AND QUANTITIES - FINAL LOCATIONS TO BE COORDINATED IN THE FIELD.

NOTES:
SEE SHEETS L-7 - L-11 FOR LIGHTING PLANS
SEE SHEETS L-12 & L-13 FOR TYPICAL UNIT PLANTING PLANS
SEE SHEET L-15 FOR SOUTH CLUBHOUSE AMENITY AREA ENLARGEMENT PLAN



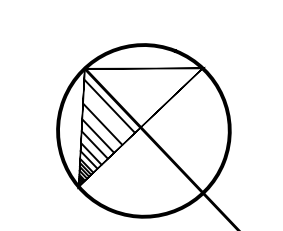
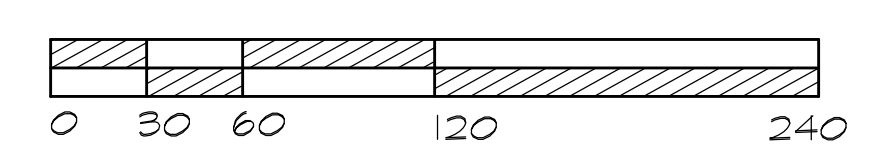


LIGHTING CALCULATION ZONES

-  PARKING - COMMERCIAL
-  PARKING - RESIDENTIAL NORTH
-  PARKING - RESIDENTIAL SOUTH
-  INTERSECTION 1
-  INTERSECTION 2
-  INTERSECTION 3
-  INTERSECTION 4
-  INTERSECTION 5
-  RESIDENTIAL - NORTH
-  RESIDENTIAL - SOUTH
-  HOTEL AMENITY AREA
-  HOTEL WALKWAYS

*LIGHTING REQUIREMENTS PER 200-31 K WEST WINDSOR LIGHTING ORDINANCE

Description	Proposed Average	Required Average
Parking - Commercial	0.8 fc	0.5 fc
Parking - Residential North	1.0 fc	0.5 fc
Parking - Residential South	1.1 fc	0.5 fc
Intersection 1	3.5 fc	3.0 fc
Intersection 2	3.5 fc	3.0 fc
Intersection 3	3.7 fc	3.0 fc
Intersection 4	3.3 fc	3.0 fc
Intersection 5	4.2 fc	3.0 fc
Residential - North	0.9 fc	0.6 fc
Residential - South	1.3 fc	0.6 fc
Hotel Amenity Area	2.9 fc	No Requirement
Hotel Walkways	3.5 fc	No Requirement



NEW JERSEY HIGHWAY ROUTE US 1

CARNEGIE CENTER DRIVE

CARNEGIE CENTER DRIVE

MEADOW ROAD CONNECTOR

MEADOW ROAD

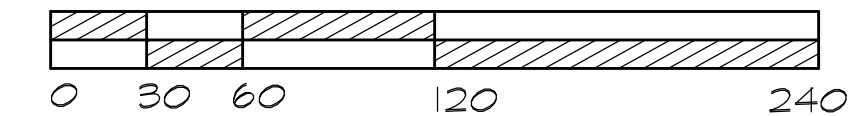
MEADOW ROAD

OLD MEADOW ROAD

● LIGHTS TO BE TURNED OFF AFTER 11 P.M.

Symbol	Label	QTY	Catalog Number	Manufacturer / Description	Lamp	Number Lamps	Lumens per Lamp	LLF	Wattage	Isocurve
+	A	5	1A DSX0 LED P3 30K 171M VOLTS COLOR R56 LITHONIA POLE SSA/1950/1A/COLOR/R5 6" ON 8" CC PIER 20" OVERALL MOUNTING	Lithonia Lighting	71W LED 3000K	1	7840.666	0.88	71	
#	B	10	1A DSX0 LED P3 30K 13M VOLTS COLOR R56 LITHONIA POLE SSA/1950/1A/COLOR/R5 6" ON 8" CC PIER 20" OVERALL MOUNTING	Lithonia Lighting	71W LED 3000K	1	7616.493	0.88	71	
▲	C	12	1A DSX0 LED P3 30K 15W VOLTS COLOR R56 LITHONIA POLE SSA/1950/1A/COLOR/R5 6" ON 8" CC PIER 20" OVERALL MOUNTING	Lithonia Lighting	71W LED 3000K	1	8067.097	0.88	71	
△	D	2	1A DSX0 LED P3 30K 12M VOLTS COLOR R56 LITHONIA POLE SSA/1950/1A/COLOR/R5 6" ON 8" CC PIER 20" OVERALL MOUNTING	Lithonia Lighting	71W LED 3000K	1	7824.286	0.88	71	
■	E	36	PT E450LED-SV1- 21L40TS-MD10-514CF / 650T5-14 / BK	SternbergLighting	72.3W LED 3000K	1	4796.631	0.88	72.3	
⊕	F	128	PT E450LED-SV1- 21L40TS-MD10-514CF / 650T5-14 / BK-R56	SternbergLighting	72.1W LED 3000K	1	4502.883	0.88	72.1	
◆	G	53	E250LED-FL-3ARC30T5- MDL03-R56 BOLLARD @ 3.5' AFF	SternbergLighting	50.8W LED 3000K	1	3844.493	0.88	50.8	
⊥	H	140	CL-ADA-XL-LED15-3K- E8U-SGR-VOLTS-R56 WALL MOUNT	Eclipse Lighting Inc	19.3W LED 3000K	1	2094.078	0.88	19.3	
⊗	I	32	IBL-X-4QS-30-XX-VOLTS- -COLOR-R56	Selux Cooperation	27.1W LED 3000K	1	2088.448	0.88	27.06	
⊕	O	16	E450LED-21L45T4- MDL14-SV1-514CF / 650T5-14 / BK-R56	SternbergLighting	107.2W LED 3000K	1	6605.794	0.88	107.2	
■	P	10	E450LED-21L45T5- MDL14-SV1-514CF / 650T5-14 / BK R56	SternbergLighting	107.2W LED 3000K	1	7159.473	0.88	107.2	
○	J	10	XTOR2B-W	Eaton Lumark (former Cooper Lighting) CROSSTOUR 18W WALL MOUNT LED	EATON LED 4000K	1	2101.709	0.88	18.2	
○	L	20	203-SS-8LED4025-12- CS-LVR	Eaton Lumark (former Cooper Lighting) CAMBRIA 203 LED LUMINAIRE, 8 WATT, 4000K CCT, 25 DEGREE NARROW OPTIC, REGRESSED HOOD SILVER, HEX CELL LOUVER	(1) SORAA 4000K 90 CRI LED	1	504.8866	0.88	14.36	

NOTE:
 -ALL LIGHTS SHALL BE SHIELDED TO RESTRICT THE MAXIMUM APEX ANGLE OF THE CONE OF ILLUMINATION TO 150 DEGREES.
 -THE LIGHTING SYSTEM SHALL BE PLACED ON A TIMER, AND ALL BUT LIGHTING FOR SECURITY PURPOSES BE TURNED OFF AT 11 P.M.
 -HOTEL PARKING LOT LIGHTS SHALL BE ON A PHOTOCELL & WILL REMAIN ON AT NIGHT FOR 24 HOUR SECURITY.
 -LIGHT VALUES AT THE PROPERTY LINE DO NOT EXCEED 1 F.C., EXCEPT WHERE THE PROPERTY LINE CROSSES THROUGH A VEHICULAR INTERSECTION.



Overall Security Lighting Plan
 Submission Plans

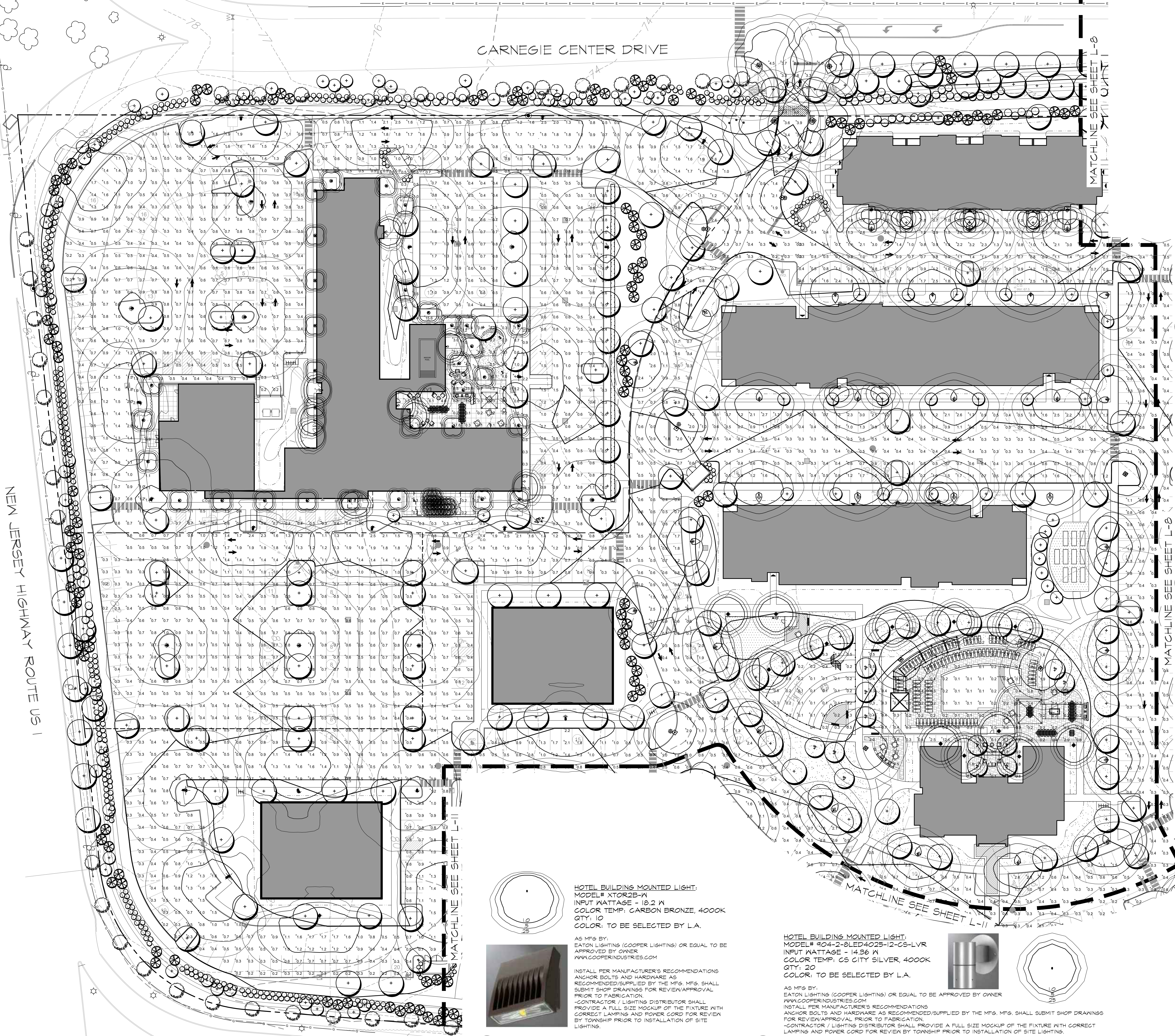
Princeton Executive Park
 West Windsor, New Jersey

MELILLO+BAUER
 ASSOCIATES
 Landscape Architecture
 200 Union Avenue
 Brielle, New Jersey 08730
 T 732.528.0644
 F 732.528.1077
 www.melillobauer.com

THOMAS S. CARMAN

 N.J. LICENSED
 LANDSCAPE ARCHITECT
 #AS00774

NO.	DATE	REVISION
SCALE:	1"=60'	
DATE:	3-27-20	JOB NO.: 19-125
DRAWING NO.		
L-7B		



NEW JERSEY HIGHWAY ROUTE US 1

CARNEGIE CENTER DRIVE

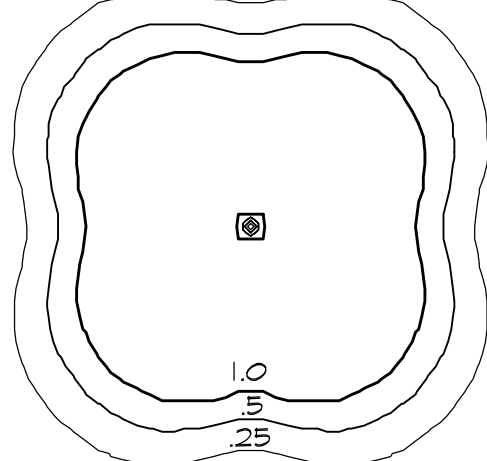
MATCHLINE SEE SHEET L-8

HOTEL BOLLARD LIGHT FIXTURE
 SERIES: IBL34Q640XUNV
 LAMP: LED
 MOUNTING HEIGHT: 3'-0"
 COLOR: TO BE SELECTED BY L.A.
 AS MFG BY:
 SELDON OR EQUAL TO BE APPROVED BY OWNER
 AS DIST BY:
 BRUCE FLEKAN
 I/LA LIGHTING
 P: 732.615.0426
 E: BFLEKAN@ILIGHTING.COM



INSTALL PER MANUFACTURER'S RECOMMENDATIONS
 ANCHOR BOLTS AND HARDWARE AS RECOMMENDED/SUPPLIED BY THE MFG.
 CONTRACTOR SHALL CONFIRM POLE MEETS WIND RATING REQUIREMENTS FOR THE PROJECT LOCATION WITH THE PRODUCT SALES REPRESENTATIVE PRIOR TO ORDERING.
 MFG. SHALL SUBMIT SHOP DRAWINGS FOR REVIEW/APPROVAL PRIOR TO FABRICATION.

NOTE:
 IF LIGHT BOLLARD MUST BE LOCATED WITHIN 3'-0" OF CURB, THE CONCRETE FOUNDATION MUST EXTEND 30" ABOVE GRADE
 -CONTRACTOR / LIGHTING DISTRIBUTOR SHALL PROVIDE A FULL SIZE MOCKUP OF THE FIXTURE AND POLE WITH CORRECT LAMPING AND POWER CORD FOR REVIEW BY TOWNSHIP PRIOR TO INSTALLATION OF SITE LIGHTING.



1 DETAIL: HOTEL BOLLARD LIGHT
L-7 NTS

HOTEL FLAG POLE UPLIGHT
 MODEL# M9T100CALEDP340KMVOLTMLFC345X
 LAMP: LED
 QTY: 3
 COLOR: TO BE SELECTED BY L.A.
 AS MFG BY:
 HYDREL OR EQUAL TO BE APPROVED BY OWNER
 AS DIST BY:
 RYAN CLARKE
 LIBERTY LIGHTING
 P: 908.463.5095
 E: RYC@LIBERTYLINC.COM

INSTALL PER MANUFACTURER'S RECOMMENDATIONS
 ANCHOR BOLTS AND HARDWARE AS RECOMMENDED/SUPPLIED BY THE MFG.
 MFG. SHALL SUBMIT SHOP DRAWINGS FOR REVIEW/APPROVAL PRIOR TO FABRICATION.
 -CONTRACTOR / LIGHTING DISTRIBUTOR SHALL PROVIDE A FULL SIZE MOCKUP OF THE FIXTURE WITH CORRECT LAMPING AND POWER CORD FOR REVIEW BY TOWNSHIP PRIOR TO INSTALLATION OF SITE LIGHTING.



2 DETAIL: HOTEL FLAG POLE LIGHT
L-7 NTS

NOTE:
 -ALL LIGHTS SHALL BE SHIELDED TO RESTRICT THE MAXIMUM APEX ANGLE OF THE CONE OF ILLUMINATION TO 150 DEGREES.
 -THE LIGHTING SYSTEM SHALL BE PLACED ON A TIMER, AND ALL BUT LIGHTING FOR SECURITY PURPOSES BE TURNED OFF AT 11 P.M.
 HOTEL PARKING LOT LIGHTS SHALL BE ON A PHOTOCELL & WILL REMAIN ON AT NIGHT FOR 24 HOUR SECURITY.
 -LIGHT VALUES AT THE PROPERTY LINE DO NOT EXCEED I.F.C., EXCEPT WHERE THE PROPERTY LINE CROSSES THROUGH A VEHICULAR INTERSECTION.

HOTEL BUILDING MOUNTED LIGHT
 MODEL# XTOR2B-W
 INPUT WATTAGE - 18.2 W
 COLOR TEMP. CARBON BRONZE, 4000K
 QTY: 10
 COLOR: TO BE SELECTED BY L.A.

AS MFG BY:
 EATON LIGHTING (COOPER LIGHTING) OR EQUAL TO BE APPROVED BY OWNER
 WWW.COOPERINDUSTRIES.COM

INSTALL PER MANUFACTURER'S RECOMMENDATIONS
 ANCHOR BOLTS AND HARDWARE AS RECOMMENDED/SUPPLIED BY THE MFG. MFG. SHALL SUBMIT SHOP DRAWINGS FOR REVIEW/APPROVAL PRIOR TO FABRICATION.
 -CONTRACTOR / LIGHTING DISTRIBUTOR SHALL PROVIDE A FULL SIZE MOCKUP OF THE FIXTURE WITH CORRECT LAMPING AND POWER CORD FOR REVIEW BY TOWNSHIP PRIOR TO INSTALLATION OF SITE LIGHTING.



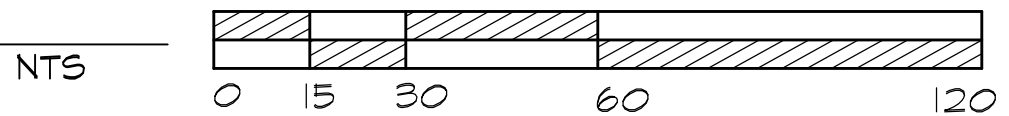
4 DETAIL: HOTEL BUILDING MOUNTED LIGHT
L-7 NTS

HOTEL BUILDING MOUNTED LIGHT
 MODEL# 904-2-8LED4025-12-C6-LVR
 INPUT WATTAGE - 14.96 W
 COLOR TEMP. C6 CITY SILVER, 4000K
 QTY: 20
 COLOR: TO BE SELECTED BY L.A.

AS MFG BY:
 EATON LIGHTING (COOPER LIGHTING) OR EQUAL TO BE APPROVED BY OWNER
 WWW.COOPERINDUSTRIES.COM
 INSTALL PER MANUFACTURER'S RECOMMENDATIONS
 ANCHOR BOLTS AND HARDWARE AS RECOMMENDED/SUPPLIED BY THE MFG. MFG. SHALL SUBMIT SHOP DRAWINGS FOR REVIEW/APPROVAL PRIOR TO FABRICATION.
 -CONTRACTOR / LIGHTING DISTRIBUTOR SHALL PROVIDE A FULL SIZE MOCKUP OF THE FIXTURE WITH CORRECT LAMPING AND POWER CORD FOR REVIEW BY TOWNSHIP PRIOR TO INSTALLATION OF SITE LIGHTING.



5 DETAIL: HOTEL BUILDING MOUNTED LIGHT
L-7 NTS



Landscape Plan
Submission Plans

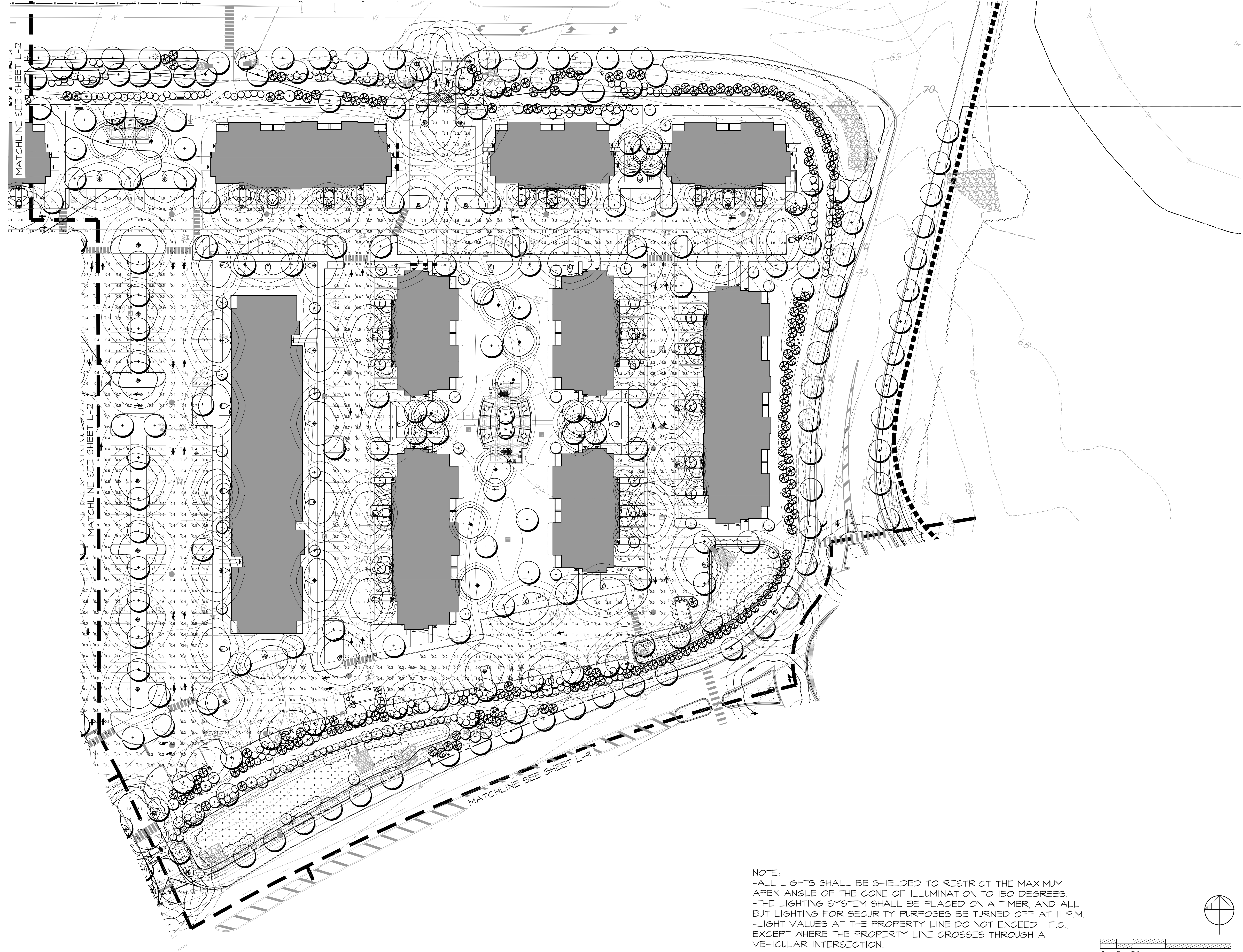
Princeton Executive Park
West Windsor, New Jersey

MELILLO+BAUER ASSOCIATES
 Landscape Architecture
 200 Union Avenue
 Bristle, New Jersey 08730
 T 732.528.0644
 F 732.528.1077
 www.melilloandbauer.com

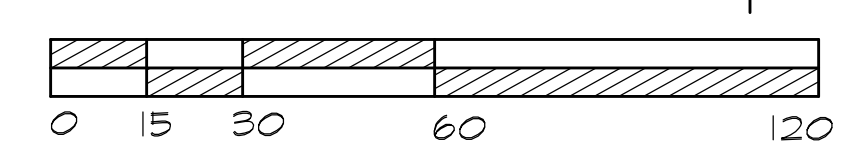
THOMAS S. CARMAN
 N.J. LICENSED LANDSCAPE ARCHITECT #AS0774

NO. DATE REVISION
 SCALE: 1"=30'
 DATE: 3-27-20 JOB NO.: 19-125

DRAWING NO. L-7



NOTE:
 -ALL LIGHTS SHALL BE SHIELDED TO RESTRICT THE MAXIMUM APX ANGLE OF THE CONE OF ILLUMINATION TO 150 DEGREES.
 -THE LIGHTING SYSTEM SHALL BE PLACED ON A TIMER, AND ALL BUT LIGHTING FOR SECURITY PURPOSES BE TURNED OFF AT 11 P.M.
 -LIGHT VALUES AT THE PROPERTY LINE DO NOT EXCEED 1 F.C., EXCEPT WHERE THE PROPERTY LINE CROSSES THROUGH A VEHICULAR INTERSECTION.




Landscape Plan
 Submission Plans

Princeton Executive Park
 West Windsor, New Jersey

MELILLO+BAUER ASSOCIATES
 Landscape Architecture

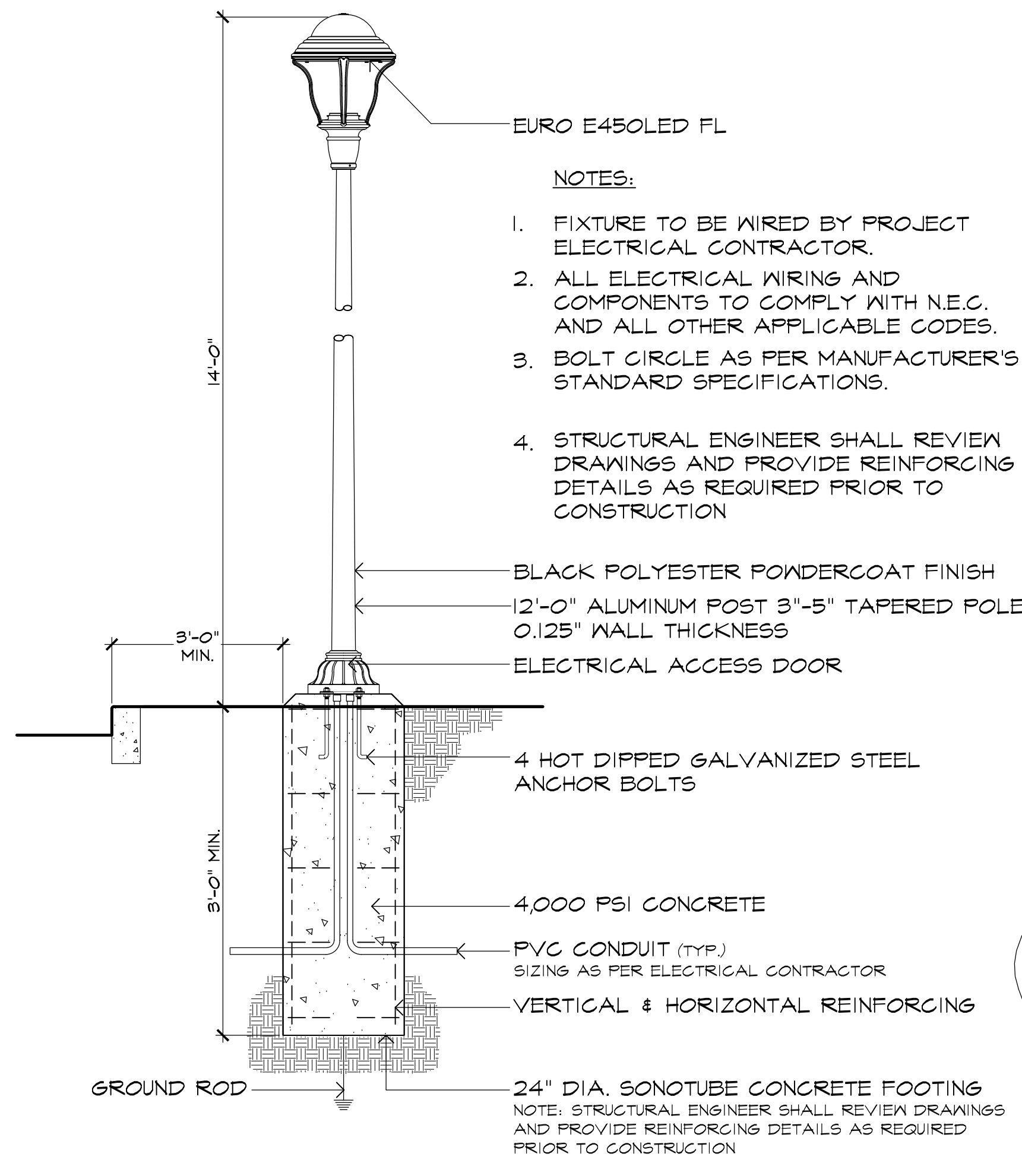
200 Union Avenue
 Brielle, New Jersey 08730
 T 732.528.0644
 F 732.528.1077
 www.melilloandbauer.com

THOMAS S. CARMAN

 N.J. LICENSED LANDSCAPE ARCHITECT
 #AS00774

NO.	DATE	REVISION

SCALE: 1"=30'
 DATE: 5-27-20 JOB NO.: 19-125

DRAWING NO.
L-8



EURO E450LED FL

NOTES:

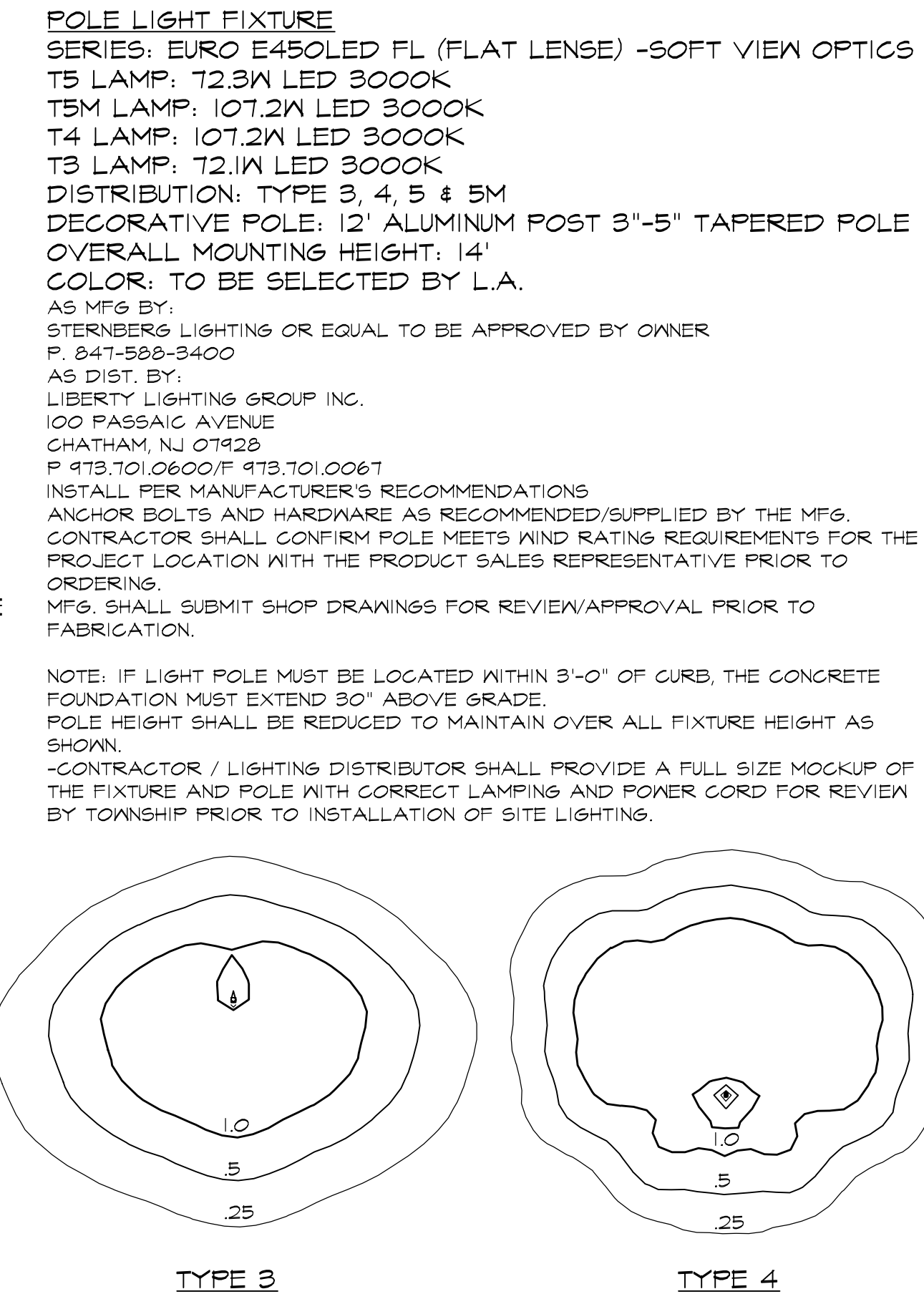
1. FIXTURE TO BE WIRED BY PROJECT ELECTRICAL CONTRACTOR.
2. ALL ELECTRICAL WIRING AND COMPONENTS TO COMPLY WITH N.E.C. AND ALL OTHER APPLICABLE CODES.
3. BOLT CIRCLE AS PER MANUFACTURER'S STANDARD SPECIFICATIONS.
4. STRUCTURAL ENGINEER SHALL REVIEW DRAWINGS AND PROVIDE REINFORCING DETAILS AS REQUIRED PRIOR TO CONSTRUCTION

BLACK POLYESTER POWDERCOAT FINISH
12'-0" ALUMINUM POST 3"-5" TAPERED POLE 0.125" WALL THICKNESS
ELECTRICAL ACCESS DOOR

4 HOT DIPPED GALVANIZED STEEL ANCHOR BOLTS

4,000 PSI CONCRETE
PVC CONDUIT (TYP.) SIZING AS PER ELECTRICAL CONTRACTOR
VERTICAL & HORIZONTAL REINFORCING

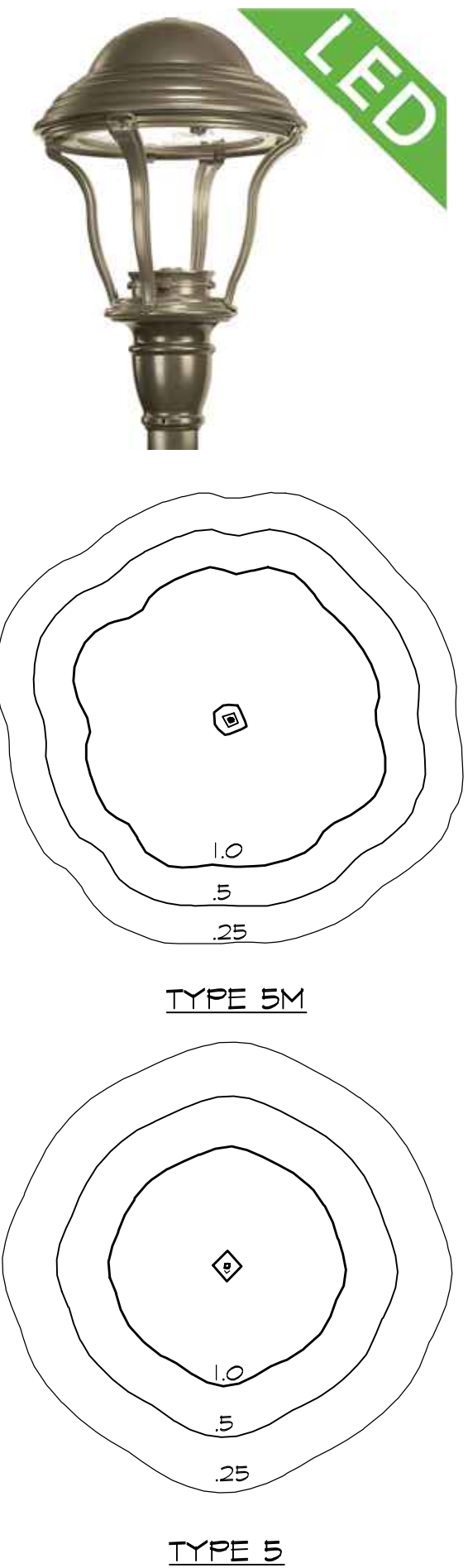
24" DIA. SONOTUBE CONCRETE FOOTING
NOTE: STRUCTURAL ENGINEER SHALL REVIEW DRAWINGS AND PROVIDE REINFORCING DETAILS AS REQUIRED PRIOR TO CONSTRUCTION



POLE LIGHT FIXTURE
SERIES: EURO E450LED FL (FLAT LENSE) -SOFT VIEW OPTICS
T5 LAMP: 12.3W LED 3000K
T4 LAMP: 107.2W LED 3000K
T3 LAMP: 12.1W LED 3000K
DISTRIBUTION: TYPE 3, 4, 5 & 5M
DECORATIVE POLE: 12' ALUMINUM POST 3"-5" TAPERED POLE
OVERALL MOUNTING HEIGHT: 14'
COLOR: TO BE SELECTED BY L.A.

AS MFG BY:
STERNBERG LIGHTING OR EQUAL TO BE APPROVED BY OWNER
P. 847-588-3400
AS DIST. BY:
LIBERTY LIGHTING GROUP INC.
100 PASSAIC AVENUE
CHATHAM, NJ 07928
P. 973.701.0600/F. 973.701.0067
INSTALL PER MANUFACTURER'S RECOMMENDATIONS
ANCHOR BOLTS AND HARDWARE AS RECOMMENDED/SUPPLIED BY THE MFG.
CONTRACTOR SHALL CONFIRM POLE MEETS WIND RATING REQUIREMENTS FOR THE PROJECT LOCATION WITH THE PRODUCT SALES REPRESENTATIVE PRIOR TO ORDERING.
MFG. SHALL SUBMIT SHOP DRAWINGS FOR REVIEW/APPROVAL PRIOR TO FABRICATION.

NOTE: IF LIGHT POLE MUST BE LOCATED WITHIN 3'-0" OF CURB, THE CONCRETE FOUNDATION MUST EXTEND 30" ABOVE GRADE.
POLE HEIGHT SHALL BE REDUCED TO MAINTAIN OVER ALL FIXTURE HEIGHT AS SHOWN.
-CONTRACTOR / LIGHTING DISTRIBUTOR SHALL PROVIDE A FULL SIZE MOCKUP OF THE FIXTURE AND POLE WITH CORRECT LAMPING AND POWER CORD FOR REVIEW BY TOWNSHIP PRIOR TO INSTALLATION OF SITE LIGHTING.



LITHONIA DSXO-LED SHARP CUTOFF DOWNLIGHT

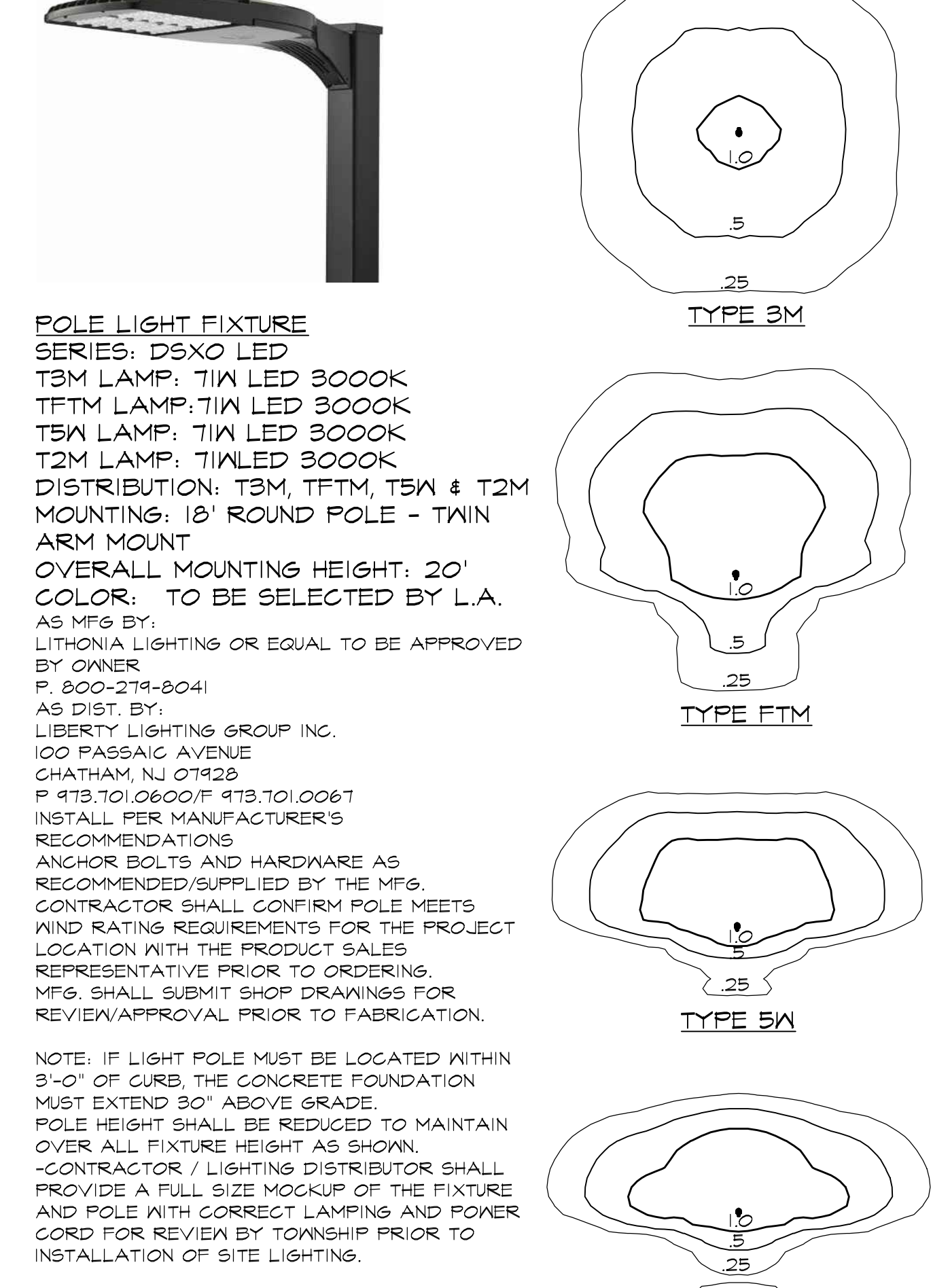
NOTES:

1. FIXTURE TO BE WIRED BY PROJECT ELECTRICAL CONTRACTOR.
2. ALL ELECTRICAL WIRING AND COMPONENTS TO COMPLY WITH N.E.C. AND ALL OTHER APPLICABLE CODES.
3. BOLT CIRCLE AS PER MANUFACTURER'S STANDARD SPECIFICATIONS.
4. STRUCTURAL ENGINEER SHALL REVIEW DRAWINGS AND PROVIDE REINFORCING DETAILS AS REQUIRED PRIOR TO CONSTRUCTION

BLACK POLYESTER POWDERCOAT FINISH
ELECTRICAL ACCESS DOOR
18'-0" ROUND POLE

4 HOT DIPPED GALVANIZED STEEL ANCHOR BOLTS
4,000 PSI CONCRETE
PVC CONDUIT (TYP.) SIZING AS PER ELECTRICAL CONTRACTOR
VERTICAL & HORIZONTAL REINFORCING

24" DIA. SONOTUBE CONCRETE FOOTING



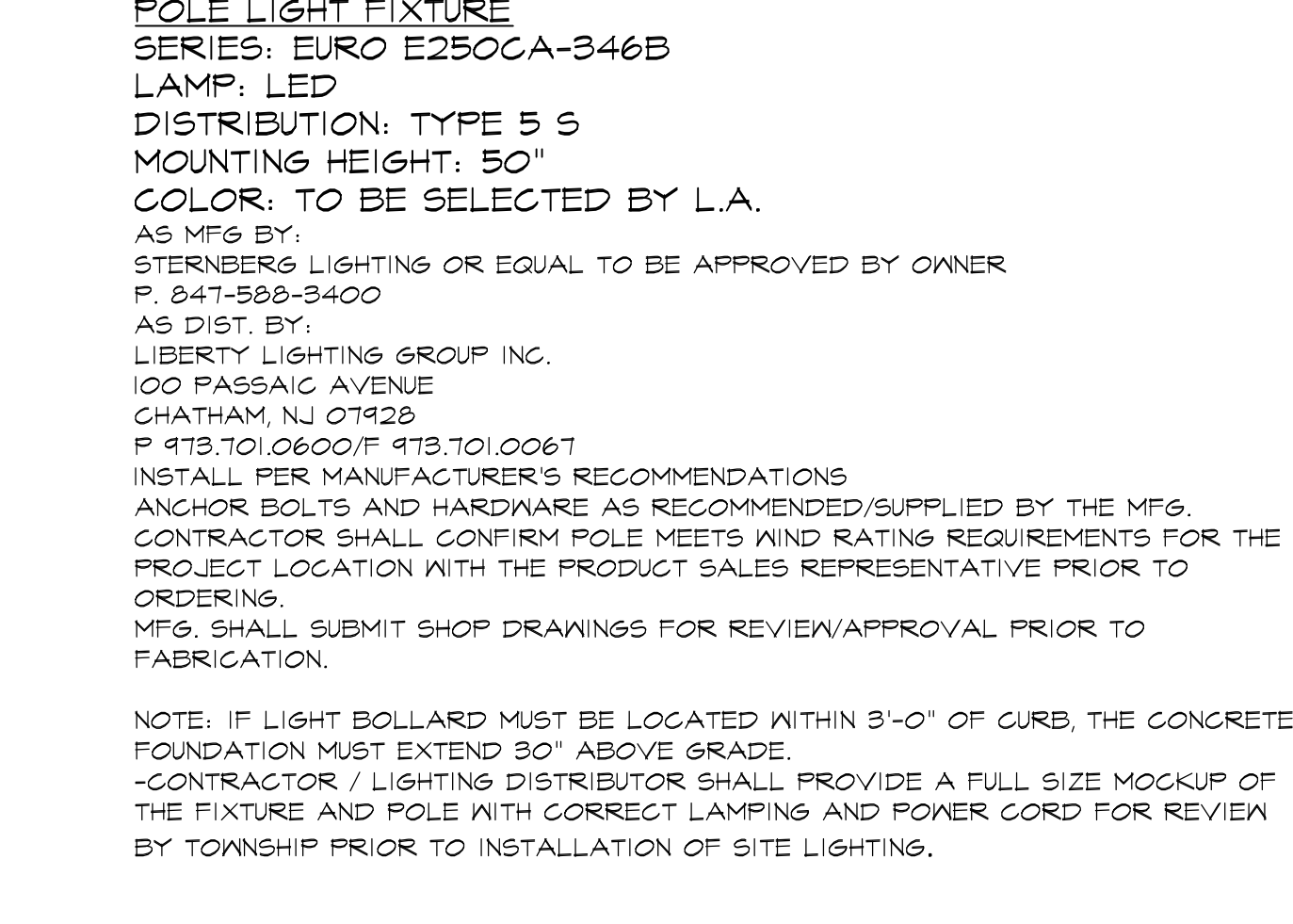
POLE LIGHT FIXTURE
SERIES: DSXO-LED
T3M LAMP: 11W LED 3000K
TFTM LAMP: 11W LED 3000K
T5M LAMP: 11W LED 3000K
T2M LAMP: TIALED 3000K
DISTRIBUTION: T3M, TFTM, T5M & T2M
MOUNTING: 18' ROUND POLE - TWIN ARM MOUNT
OVERALL MOUNTING HEIGHT: 20'
COLOR: TO BE SELECTED BY L.A.

AS MFG BY:
LITHONIA LIGHTING OR EQUAL TO BE APPROVED BY OWNER
P. 800-218-8041
AS DIST. BY:
LIBERTY LIGHTING GROUP INC.
100 PASSAIC AVENUE
CHATHAM, NJ 07928
P. 973.701.0600/F. 973.701.0067
INSTALL PER MANUFACTURER'S RECOMMENDATIONS
ANCHOR BOLTS AND HARDWARE AS RECOMMENDED/SUPPLIED BY THE MFG.
CONTRACTOR SHALL CONFIRM POLE MEETS WIND RATING REQUIREMENTS FOR THE PROJECT LOCATION WITH THE PRODUCT SALES REPRESENTATIVE PRIOR TO ORDERING.
MFG. SHALL SUBMIT SHOP DRAWINGS FOR REVIEW/APPROVAL PRIOR TO FABRICATION.

NOTE: IF LIGHT POLE MUST BE LOCATED WITHIN 3'-0" OF CURB, THE CONCRETE FOUNDATION MUST EXTEND 30" ABOVE GRADE.
POLE HEIGHT SHALL BE REDUCED TO MAINTAIN OVER ALL FIXTURE HEIGHT AS SHOWN.
-CONTRACTOR / LIGHTING DISTRIBUTOR SHALL PROVIDE A FULL SIZE MOCKUP OF THE FIXTURE AND POLE WITH CORRECT LAMPING AND POWER CORD FOR REVIEW BY TOWNSHIP PRIOR TO INSTALLATION OF SITE LIGHTING.

1 L-9 DETAIL: STERNBERG EURO SERIES LIGHT POLE

2 L-9 DETAIL: LITHONIA LIGHT POLE

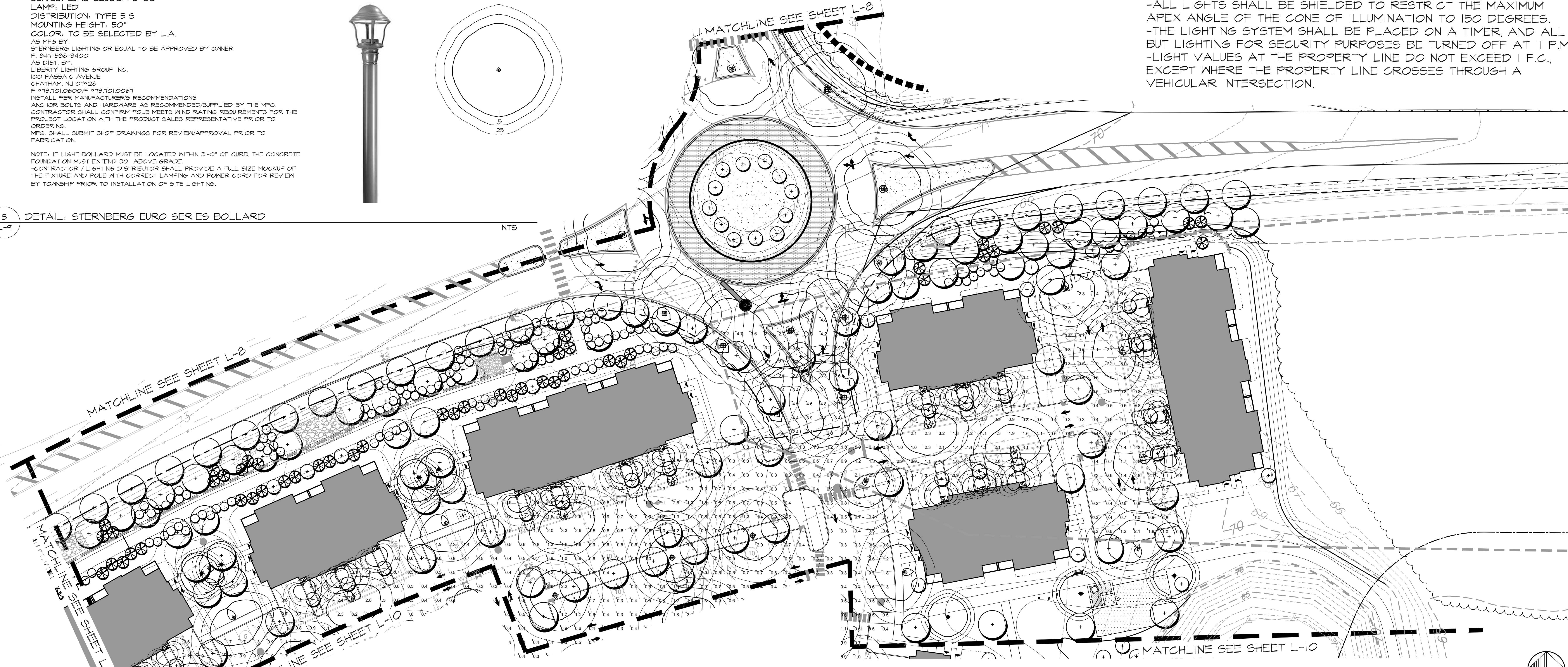


POLE LIGHT FIXTURE
SERIES: EURO E250CA-346B
LAMP: LED
DISTRIBUTION: TYPE 5 S
MOUNTING HEIGHT: 50"
COLOR: TO BE SELECTED BY L.A.

AS MFG BY:
STERNBERG LIGHTING OR EQUAL TO BE APPROVED BY OWNER
P. 847-588-3400
AS DIST. BY:
LIBERTY LIGHTING GROUP INC.
100 PASSAIC AVENUE
CHATHAM, NJ 07928
P. 973.701.0600/F. 973.701.0067
INSTALL PER MANUFACTURER'S RECOMMENDATIONS
ANCHOR BOLTS AND HARDWARE AS RECOMMENDED/SUPPLIED BY THE MFG.
CONTRACTOR SHALL CONFIRM POLE MEETS WIND RATING REQUIREMENTS FOR THE PROJECT LOCATION WITH THE PRODUCT SALES REPRESENTATIVE PRIOR TO ORDERING.
MFG. SHALL SUBMIT SHOP DRAWINGS FOR REVIEW/APPROVAL PRIOR TO FABRICATION.

NOTE: IF LIGHT BOLLARD MUST BE LOCATED WITHIN 3'-0" OF CURB, THE CONCRETE FOUNDATION MUST EXTEND 30" ABOVE GRADE.
-CONTRACTOR / LIGHTING DISTRIBUTOR SHALL PROVIDE A FULL SIZE MOCKUP OF THE FIXTURE AND POLE WITH CORRECT LAMPING AND POWER CORD FOR REVIEW BY TOWNSHIP PRIOR TO INSTALLATION OF SITE LIGHTING.

3 L-9 DETAIL: STERNBERG EURO SERIES BOLLARD



NOTE:

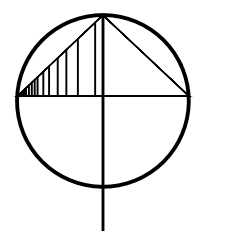
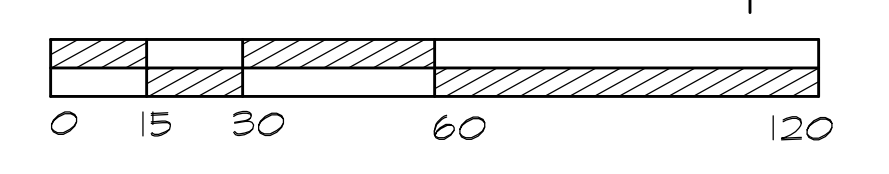
- ALL LIGHTS SHALL BE SHIELDED TO RESTRICT THE MAXIMUM APEX ANGLE OF THE CONE OF ILLUMINATION TO 150 DEGREES.
- THE LIGHTING SYSTEM SHALL BE PLACED ON A TIMER, AND ALL BUT LIGHTING FOR SECURITY PURPOSES BE TURNED OFF AT 11 P.M.
- LIGHT VALUES AT THE PROPERTY LINE DO NOT EXCEED 1 F.C., EXCEPT WHERE THE PROPERTY LINE CROSSES THROUGH A VEHICULAR INTERSECTION.

NO.	DATE	REVISION

SCALE: 1"=30'
DATE: 3-27-20 JOB NO.: 19-125



NOTE:
 -ALL LIGHTS SHALL BE SHIELDED TO RESTRICT THE MAXIMUM APEX ANGLE OF THE CONE OF ILLUMINATION TO 150 DEGREES.
 -THE LIGHTING SYSTEM SHALL BE PLACED ON A TIMER, AND ALL BUT LIGHTING FOR SECURITY PURPOSES BE TURNED OFF AT 11 P.M.
 -LIGHT VALUES AT THE PROPERTY LINE DO NOT EXCEED 1 F.C., EXCEPT WHERE THE PROPERTY LINE CROSSES THROUGH A VEHICULAR INTERSECTION.



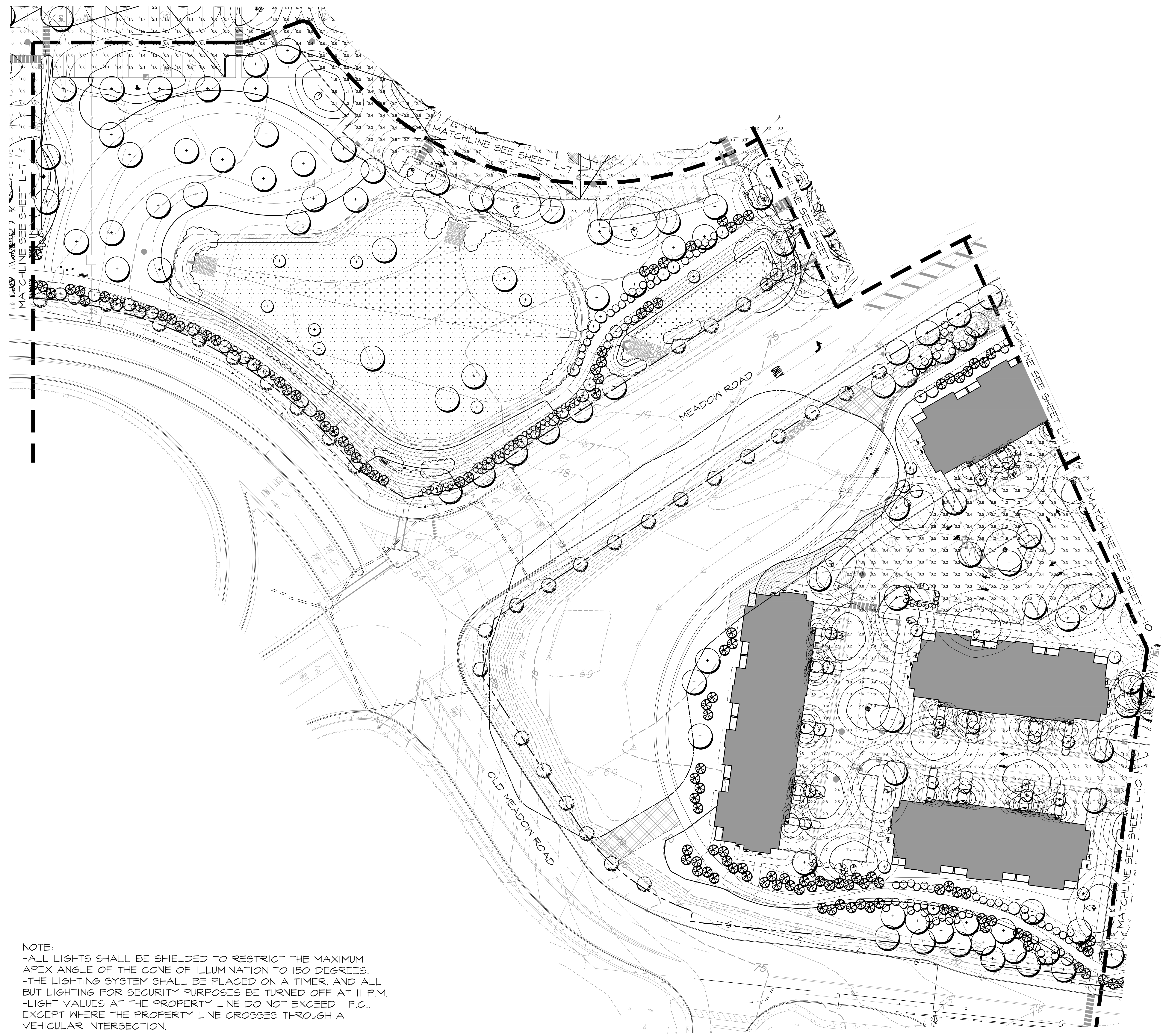
MELILLO+BAUER ASSOCIATES
 Landscape Architecture
 200 Union Avenue
 Brielle, New Jersey 08730
 T 732.528.0644
 F 732.528.1077
 www.melillobauer.com

THOMAS S. CARMAN

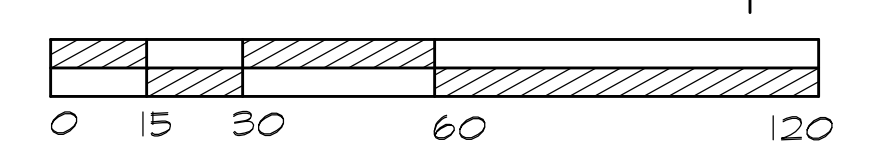
 N.J. LICENSED LANDSCAPE ARCHITECT
 #AS00774

NO.	DATE	REVISION

SCALE: 1"=30'
 DATE: 3-27-20 JOB NO.: 19-125



NOTE:
 -ALL LIGHTS SHALL BE SHIELDED TO RESTRICT THE MAXIMUM APEX ANGLE OF THE CONE OF ILLUMINATION TO 150 DEGREES.
 -THE LIGHTING SYSTEM SHALL BE PLACED ON A TIMER, AND ALL BUT LIGHTING FOR SECURITY PURPOSES BE TURNED OFF AT 11 P.M.
 -LIGHT VALUES AT THE PROPERTY LINE DO NOT EXCEED 1 F.C., EXCEPT WHERE THE PROPERTY LINE CROSSES THROUGH A VEHICULAR INTERSECTION.



MELILLO+BAUER
 ASSOCIATES
 Landscape Architecture

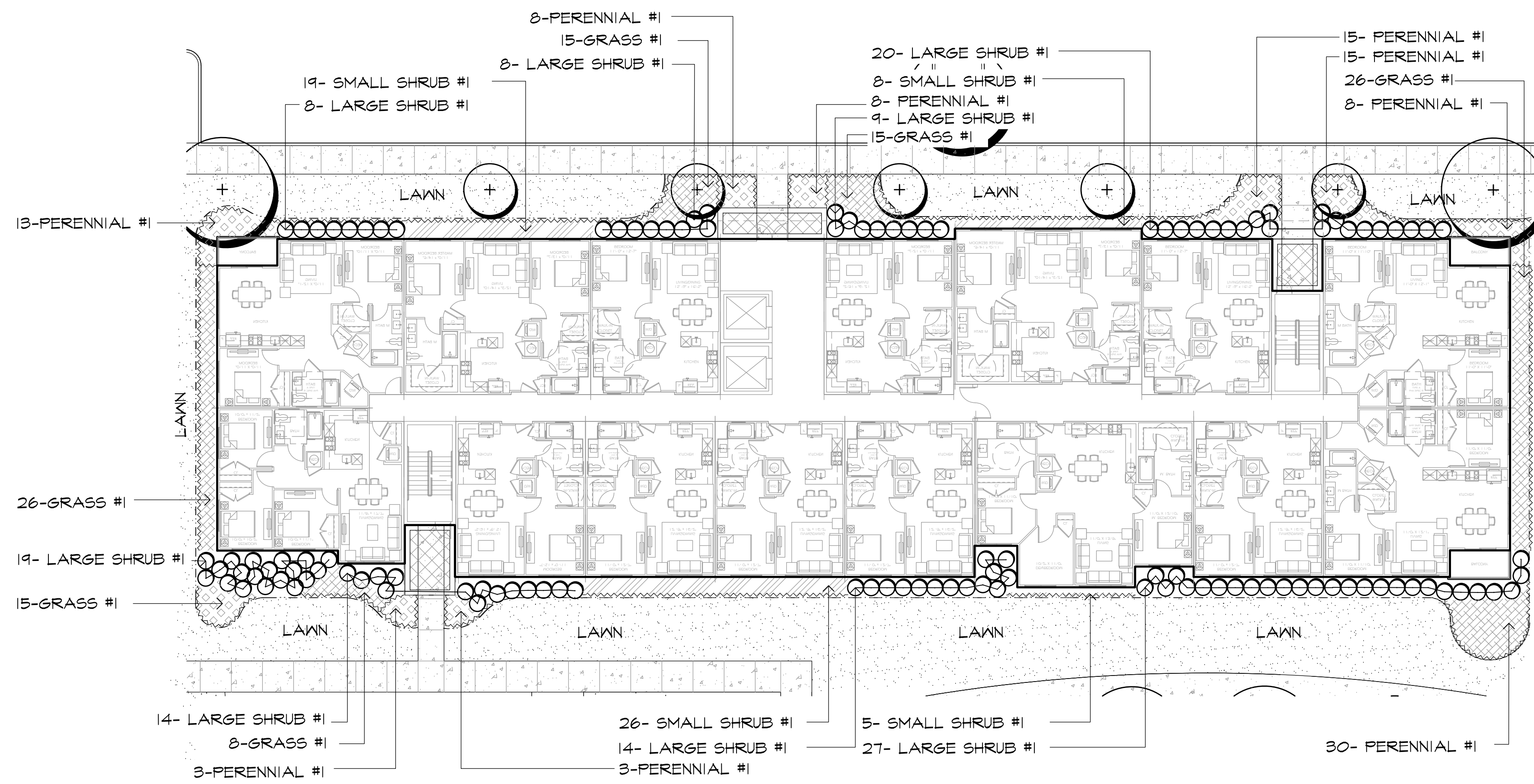
200 Union Avenue
 Brielle, New Jersey 08730
 T 732.528.0644
 F 732.528.1077
 www.melillobauer.com

THOMAS S. CARMAN

 N.J. LICENSED
 LANDSCAPE ARCHITECT
 #AS00774

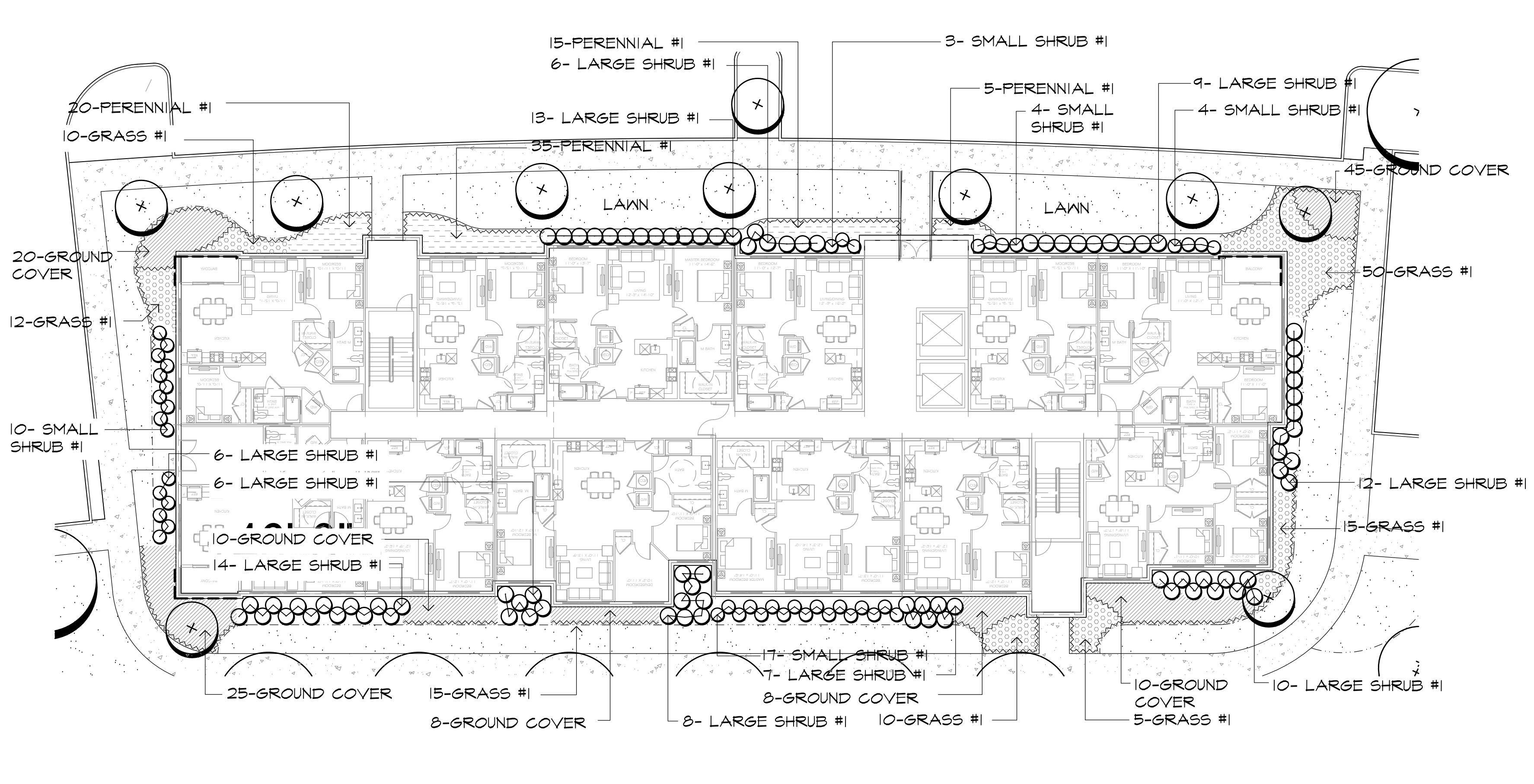
NO.	DATE	REVISION

SCALE: 1"=50'
 DATE: 3-27-20 JOB NO.: 19-125



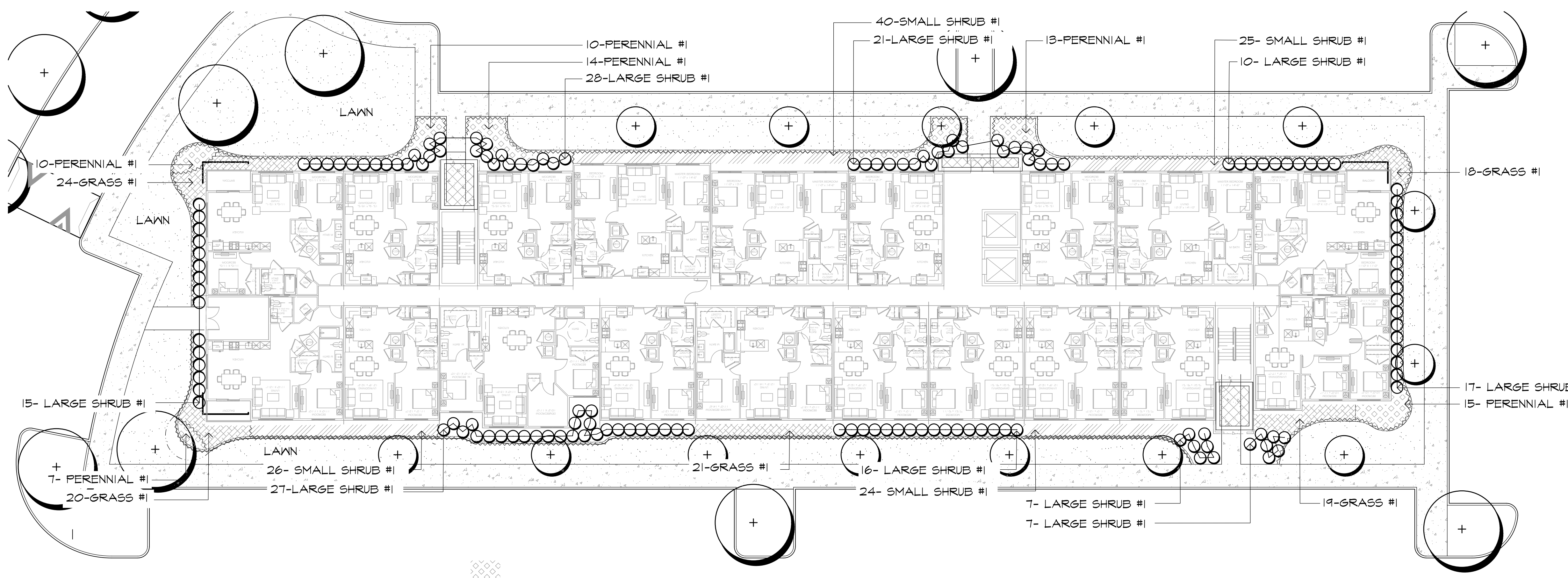
1 PLANTING PLAN - TYPICAL UNIT 'D1'
L-13

SCALE: 1/16" = 1'-0"



3 PLANTING PLAN - TYPICAL UNIT 'D3'
L-13

SCALE: 1/16" = 1'-0"



2 PLANTING PLAN - TYPICAL UNIT 'D2'
L-13

SCALE: 1/16" = 1'-0"

NOTE:
-FINAL FOUNDATION PLANTING TO BE
COORDINATED WITH UTILITY ELEMENTS
AND SHALL SCREEN MECHANICAL
EQUIPMENT, METERS, WELLS, ETC.

1/L-13 UNIT D1 Plant List

KEY	EXPOSURE	BOTANICAL NAME	COMMON NAME	CAL.	HT.	SPRD.	ROOT	COMMENTS
Large Shrub 1	SUN	<i>Cephalotaxus harringtonii</i> 'Prostrata'	Plum Yew		2'-2.5'		#5 Can	Full Plants, 3' O.C.
	SHADE	<i>Hydrangea quercifolia</i> 'Pee Wee'	Pee Wee Oakleaf Hydrangea		2'-2.5'		#5 Can	Full Plants, 3' O.C.
Small Shrub 1	SUN	<i>Itea virginica</i> 'Henry's Garnet'	Henry's Garnet Sweetspire		18"-24"		#5 Can	Full Plants, 30" O.C.
	SHADE	<i>Juniperus sargentii</i>	Sargent Juniper		18"-24"		#5 Can	Full Plants, 30" O.C.
Perennial 1	SUN	<i>Geranium sanguineum</i> 'Max Frei'	Bloody Cranesbill				1 Gal.	Full Plants, 24" O.C.
	SHADE	<i>Heuchera villosa</i> 'Autumn Bride'	Hairy Alum Root				1 Gal.	Full Plants, 24" O.C.
Ornamental Grass 1	SUN	<i>Pennisetum alopecuroides</i> 'Hameln'	Dwarf Fountain Grass				3 Gal.	Full Plants, 30" O.C.
	SHADE	<i>Carex oshimensis</i> 'Evergold'	Evergold Sedge				1 Gal.	Full Plants, 30" O.C.
Ground Cover 1	SUN	<i>Rhus aromatica</i> 'Grow-Low'	Fragrant Sumac		18"-24"		#5 Can	Full Plants, 3' O.C.
	SHADE	<i>Hy pericum calycinum</i>	Aaron's Beard				1 Gal.	Full Plants, 3' O.C.

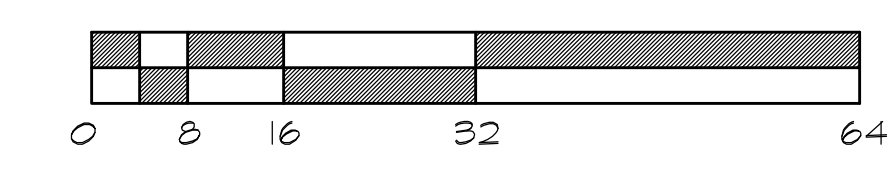
2/L-13 UNIT D2 Plant List

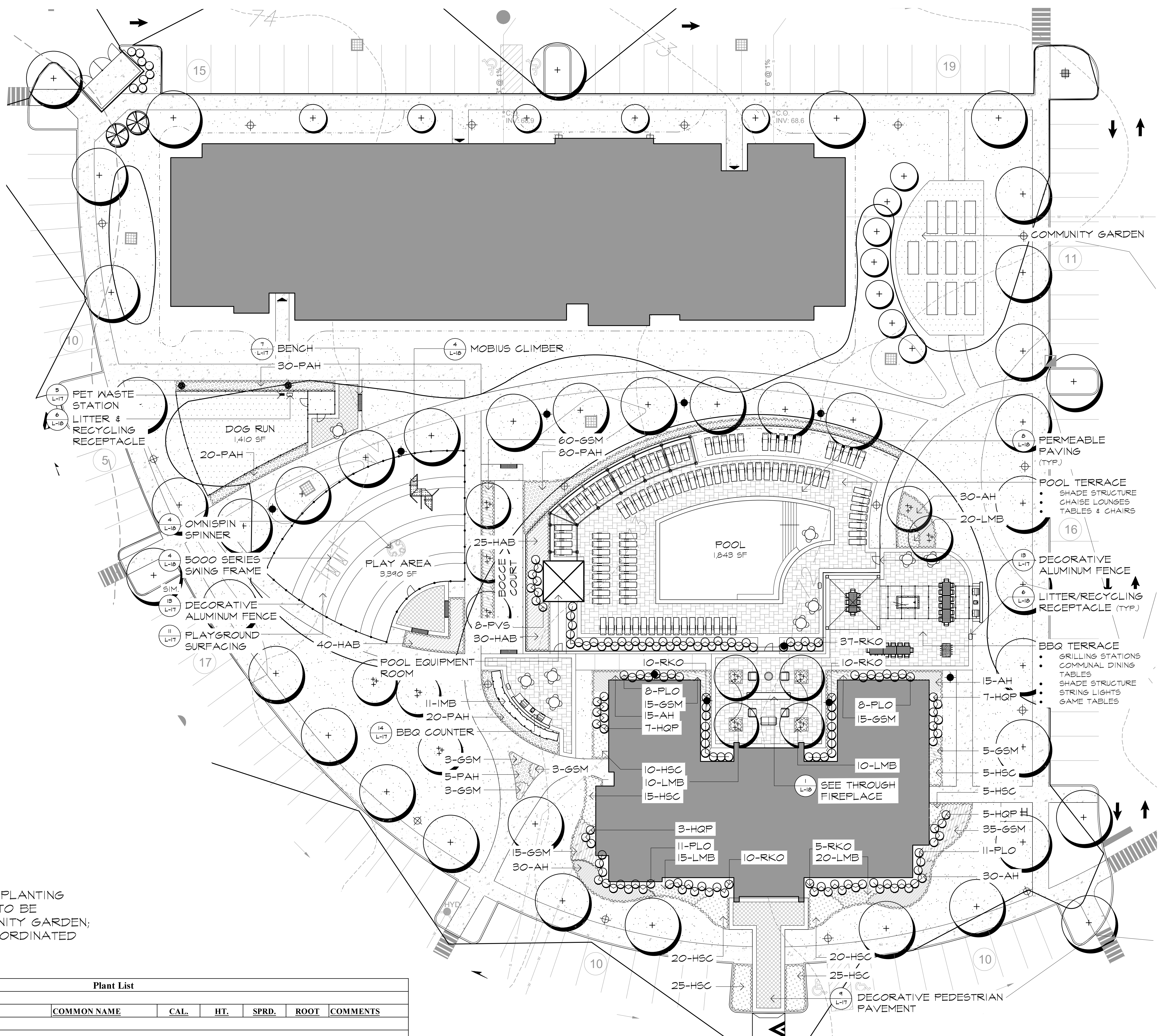
KEY	EXPOSURE	BOTANICAL NAME	COMMON NAME	CAL.	HT.	SPRD.	ROOT	COMMENTS
Large Shrub 1	SUN	<i>Cephalotaxus harringtonii</i> 'Prostrata'	Plum Yew		2'-2.5'		#5 Can	Full Plants, 3' O.C.
	SHADE	<i>Hydrangea quercifolia</i> 'Pee Wee'	Pee Wee Oakleaf Hydrangea		2'-2.5'		#5 Can	Full Plants, 3' O.C.
Small Shrub 1	SUN	<i>Itea virginica</i> 'Henry's Garnet'	Henry's Garnet Sweetspire		18"-24"		#5 Can	Full Plants, 30" O.C.
	SHADE	<i>Juniperus sargentii</i>	Sargent Juniper		18"-24"		#3 Can	Full Plants, 30" O.C.
Perennial 1	SUN	<i>Geranium sanguineum</i> 'Max Frei'	Bloody Cranesbill				1 Gal.	Full Plants, 24" O.C.
	SHADE	<i>Heuchera villosa</i> 'Autumn Bride'	Hairy Alum Root				1 Gal.	Full Plants, 24" O.C.
Ornamental Grass 1	SUN	<i>Pennisetum alopecuroides</i> 'Hameln'	Dwarf Fountain Grass				3 Gal.	Full Plants, 30" O.C.
	SHADE	<i>Carex oshimensis</i> 'Evergold'	Evergold Sedge				1 Gal.	Full Plants, 30" O.C.
Ground Cover 1	SUN	<i>Rhus aromatica</i> 'Grow-Low'	Fragrant Sumac		18"-24"		#5 Can	Full Plants, 3' O.C.
	SHADE	<i>Hy pericum calycinum</i>	Aaron's Beard				1 Gal.	Full Plants, 3' O.C.

3/L-13 UNIT D3 Plant List

KEY	EXPOSURE	BOTANICAL NAME	COMMON NAME	CAL.	HT.	SPRD.	ROOT	COMMENTS
Large Shrub 1	SUN	<i>Cephalotaxus harringtonii</i> 'Prostrata'	Plum Yew		2'-2.5'		#5 Can	Full Plants, 3' O.C.
	SHADE	<i>Hydrangea quercifolia</i> 'Pee Wee'	Pee Wee Oakleaf Hydrangea		2'-2.5'		#5 Can	Full Plants, 3' O.C.
Small Shrub 1	SUN	<i>Itea virginica</i> 'Henry's Garnet'	Henry's Garnet Sweetspire		18"-24"		#5 Can	Full Plants, 30" O.C.
	SHADE	<i>Juniperus sargentii</i>	Sargent Juniper		18"-24"		#3 Can	Full Plants, 30" O.C.
Perennial 1	SUN	<i>Geranium sanguineum</i> 'Max Frei'	Bloody Cranesbill				1 Gal.	Full Plants, 24" O.C.
	SHADE	<i>Heuchera villosa</i> 'Autumn Bride'	Hairy Alum Root				1 Gal.	Full Plants, 24" O.C.
Ornamental Grass 1	SUN	<i>Pennisetum alopecuroides</i> 'Hameln'	Dwarf Fountain Grass				3 Gal.	Full Plants, 30" O.C.
	SHADE	<i>Carex oshimensis</i> 'Evergold'	Evergold Sedge				1 Gal.	Full Plants, 30" O.C.
Ground Cover 1	SUN	<i>Rhus aromatica</i> 'Grow-Low'	Fragrant Sumac		18"-24"		#5 Can	Full Plants, 3' O.C.
	SHADE	<i>Hy pericum calycinum</i>	Aaron's Beard				1 Gal.	Full Plants, 3' O.C.

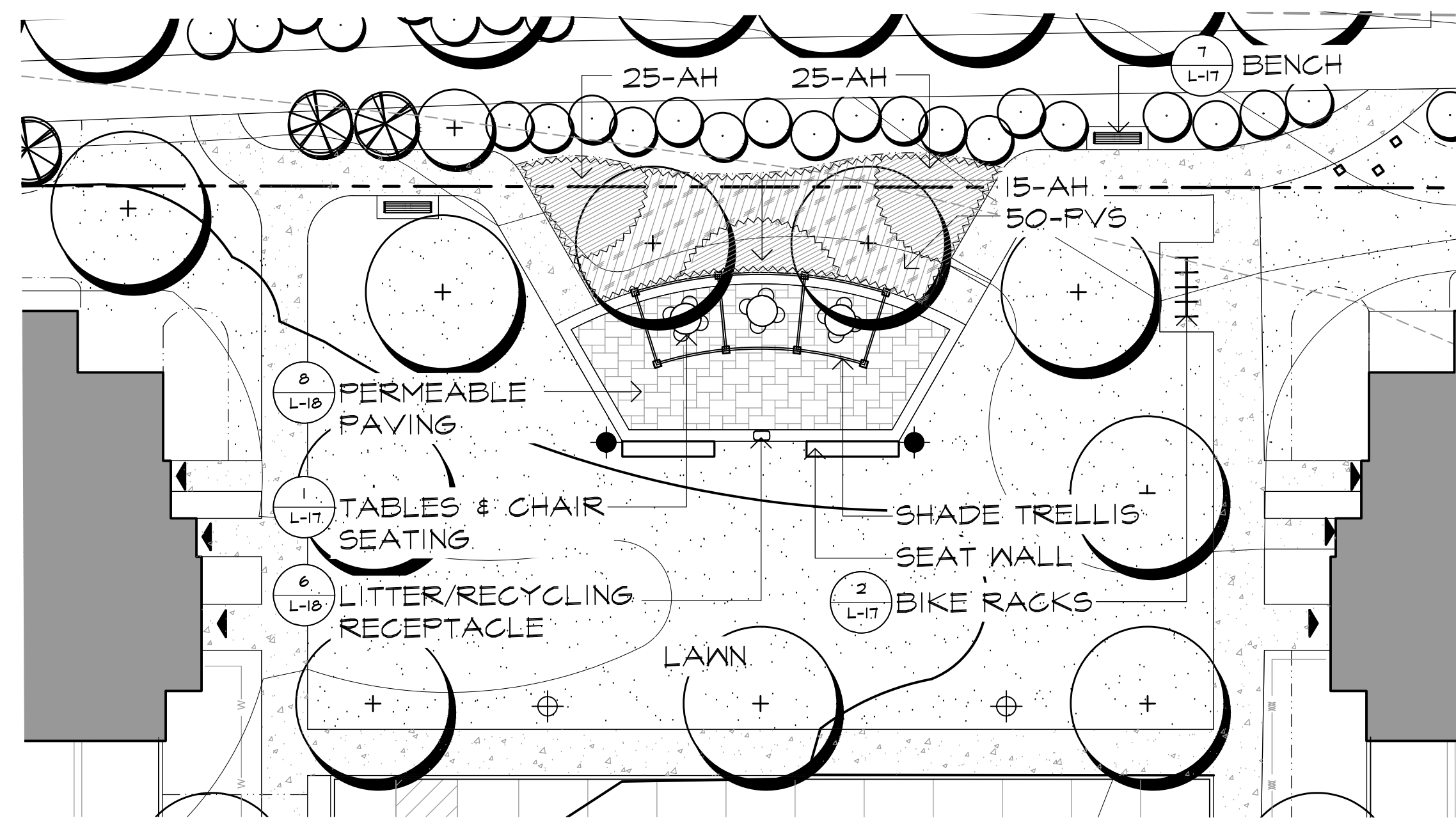
NOTE: SEE SHEETS L-2 - L-6
FOR TREE PLANTING





NOTE:
 -SEE SHEET L-2 FOR TREE PLANTING
 -A FROST FREE HOSE BIB TO BE LOCATED AT EACH COMMUNITY GARDEN;
 FINAL LOCATION TO BE COORDINATED WITH IRRIGATION DESIGN.

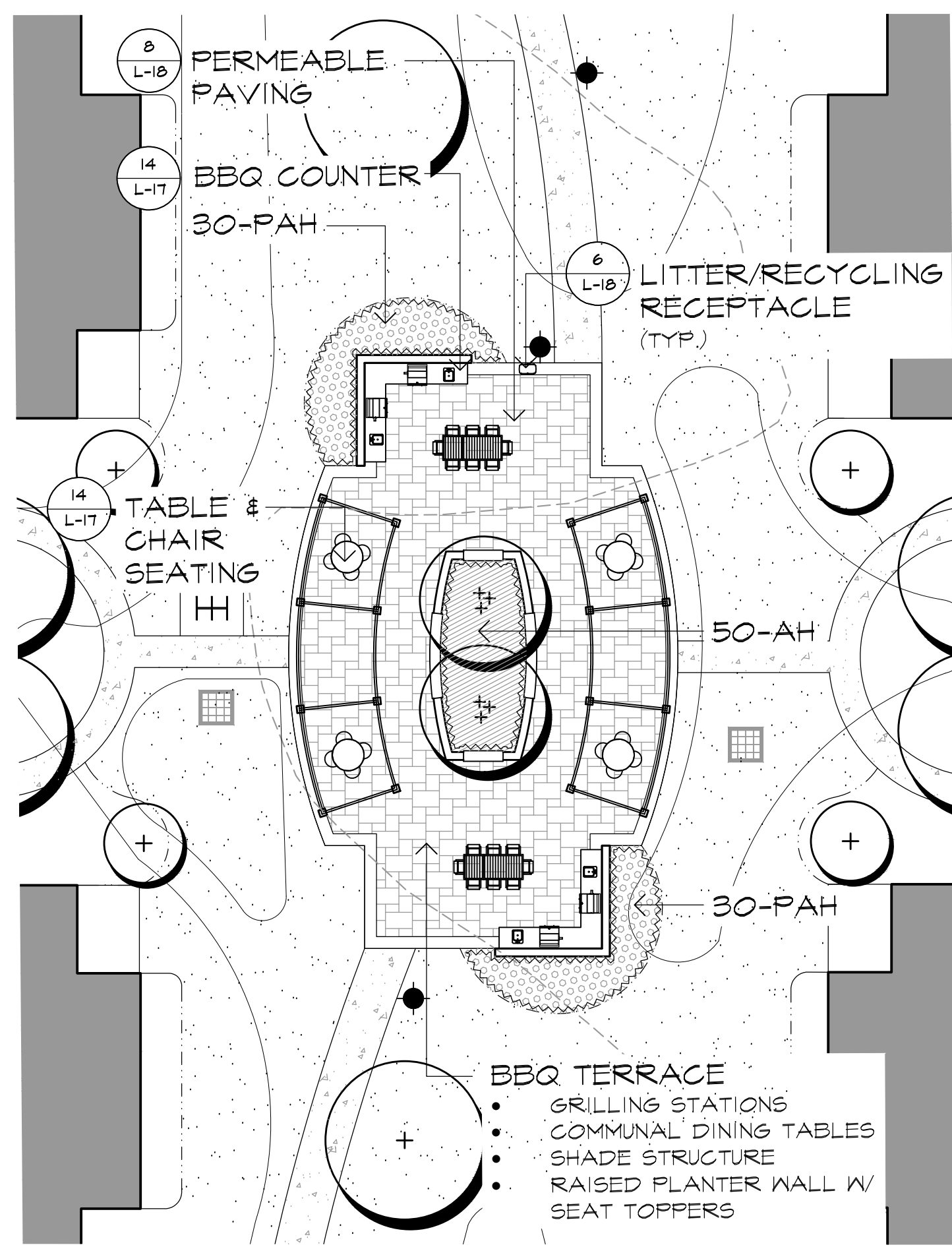
Plant List								
KEY	QTY	BOTANICAL NAME	COMMON NAME	CAL.	HT.	SPRD.	ROOT	COMMENTS
SHRUBS								
HQP	22	Hydrangea quercifolia 'Pee Wee'	Pee Wee Oakleaf Hydrangea		2'-2.5'		#5 Can	Full Plants, 3' O.C.
IMB	11	Ilex x meser. 'Blue Princess/Prince'	Blue Princess/Blue Prince Holly		2.5'-3'		#5 Can	Full Plants, 3' O.C.
PLO	38	Prunus laurocerasus 'Otto Luyken'	Otto Luyken Cherry Laurel		2'-2.5'		#5 Can	Full Plants, 3' O.C.
RKO	72	Rosa x 'Radrazz'	Knockout Shrub Rose (Red)		2'-2.5'		#5 Can	Full Plants, 3' O.C.
PERENNIALS, GROUNDCOVER & ORNAMENTAL GRASSES								
AH	120	Amsonia hubrichtii	Arkansas Amsonia				1 Gal.	Full Plants, 24" O.C.
HAB	95	Heuchera villosa 'Autumn Bride'	Hairy Alum Root				1 Gal.	Full Plants, 24" O.C.
HSC	125	Heuchera x 'Southern Comfort'	Southern Comfort Coral Bells				1 Gal.	Full Plants, 24" O.C.
GSM	154	Geranium sanguineum 'Max Fre'	Bloody Cranesbill				1 Gal.	Full Plants, 24" O.C.
LMB	75	Liriope muscari 'Big Blue'	Big Blue Lilyturf				1 Gal.	Full Plants, 18" O.C.
PAH	155	Pennisetum alopecuroides 'Hameln'	Dwarf Fountain Grass				2 Gal.	Full Plants, 30" O.C.
PVS	8	Panicum virgatum 'Shenandoah'	Shenandoah Switchgrass				2 Gal.	Full Plants, 30" O.C.



KEY	QTY	BOTANICAL NAME	COMMON NAME	CAL.	HT.	SPRD.	ROOT	COMMENTS
PERENNIALS, GROUNDCOVER & ORNAMENTAL GRASSES								
AH	65	Amsonia hubrichtii	Arkansas Amsonia				1 Gal.	Full Plants, 24" O.C.
PVS	50	Panicum virgatum 'Shenandoah'	Shenandoah Switchgrass				2 Gal.	Full Plants, 30" O.C.

1 PLAN ENLARGEMENT - PARK

SCALE: 1/16"=1'-0"

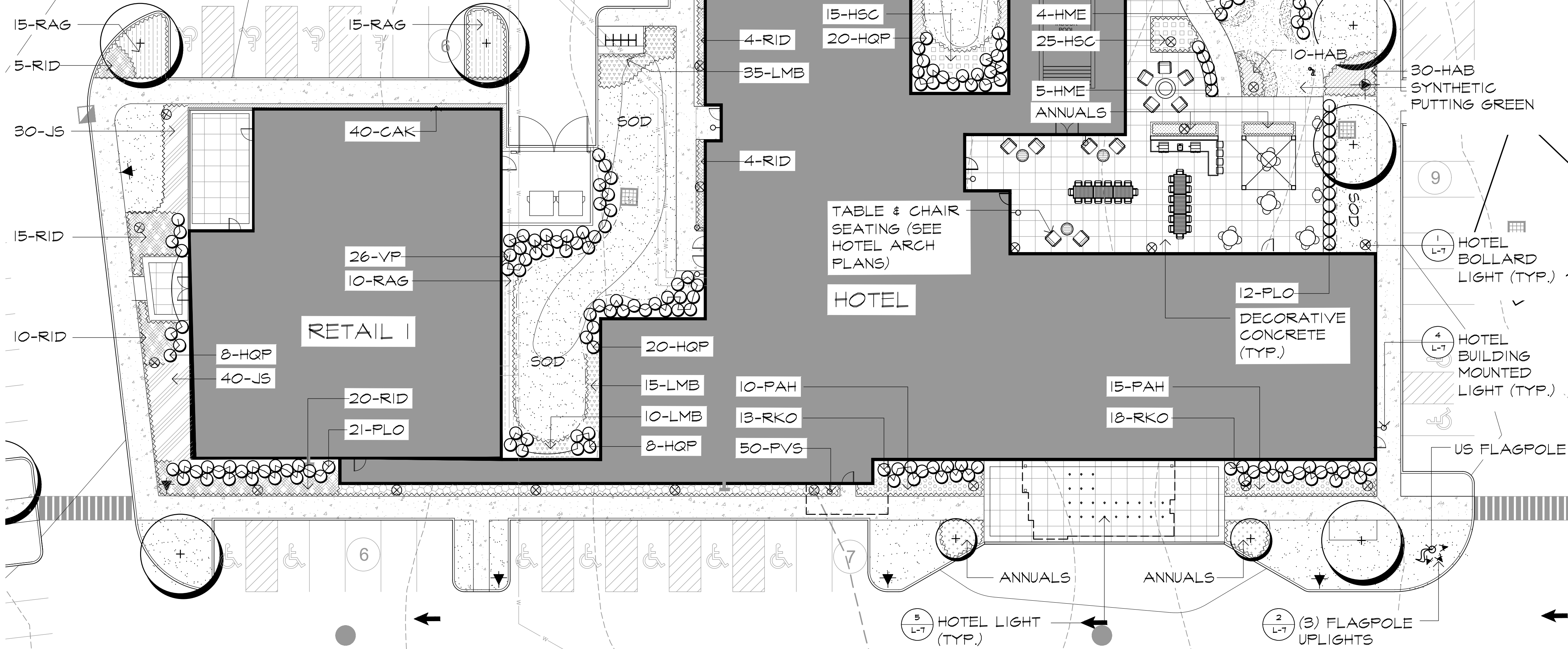


KEY	QTY	BOTANICAL NAME	COMMON NAME	CAL.	HT.	SPRD.	ROOT	COMMENTS
PERENNIALS, GROUNDCOVER & ORNAMENTAL GRASSES								
AH	50	Amsonia hubrichtii	Arkansas Amsonia				1 Gal.	Full Plants, 24" O.C.
PAH	60	Pennisetum alopecuroides 'Hameln'	Dwarf Fountain Grass				2 Gal.	Full Plants, 30" O.C.

2 PLAN ENLARGEMENT - BBQ NODE

SCALE: 1/16"=1'-0"

3/L-16 Plant List								
KEY	QTY	BOTANICAL NAME	COMMON NAME	CAL.	HT.	SPRD.	ROOT	COMMENTS
SHRUBS								
HME	39	Hydrangea macrophylla 'Endless Summer'	Endless Summer Hydrangea		2'-2.5'		#5 Can	Full Plants, 3" O.C.
HQP	71	Hydrangea quercifolia 'Pee Wee'	Pee Wee Oakleaf Hydrangea		2'-2.5'		#5 Can	Full Plants, 3" O.C.
JS	70	Juniperus sargentii	Sargent Juniper		18"-24"		#3 Can	Full Plants, 24" O.C.
PLO	41	Prunus laurocerasus 'Otto Luyken'	Otto Luyken Cherry Laurel		2'-2.5'		#5 Can	Full Plants, 3" O.C.
RAG	40	Ribes aromanticum 'Glow-Low'	Fragrant Spice		18"-24"		#3 Can	Full Plants, 3" O.C.
RID	58	Rosa 'Ivory Drift'	Ivory Drift Meadland Rose		2'-2.5'		#5 Can	Full Plants, 3" O.C.
RKO	31	Rosa x 'Radrazz'	Knockout Shrub Rose (Red)		2'-2.5'		#5 Can	Full Plants, 3" O.C.
VP	41	Viburnum prunifolium	Prague Viburnum		2'-2.5'		#5 Can	Full Plants, 3" O.C.
PERENNIALS, GROUNDCOVER & ORNAMENTAL GRASSES								
CAK	70	Calamagrostis arund. 'Karl Foerster'	K. F. Feather Reed Grass				3 Gal.	Full Plants, 30" O.C.
HAB	155	Heuchera villosa 'Autumn Bride'	Harry Alan Root				1 Gal.	Full Plants, 24" O.C.
HSC	70	Heuchera x 'Southern Comfort'	Southern Comfort Coral Bells				1 Gal.	Full Plants, 24" O.C.
LMB	140	Liriope muscari 'Big Blue'	Big Blue Lilyturf				1 Gal.	Full Plants, 18" O.C.
PAH	53	Pennisetum alopecuroides 'Hameln'	Dwarf Fountain Grass				2 Gal.	Full Plants, 30" O.C.
PVS	50	Panicum virgatum 'Shenandoah'	Shenandoah Switchgrass				2 Gal.	Full Plants, 30" O.C.



3 PLAN ENLARGEMENT - HOTEL

SCALE: 1/16"=1'-0"

NOTE:
-SEE SHEETS L-2 & L-3 FOR TREE PLANTING

Enlargement Plan
Submission Plans

Princeton Executive Park
West Windsor, New Jersey



200 Union Avenue
Bridle, New Jersey 08730
T 732.528.0644
F 732.528.1077
www.melillobauer.com

THOMAS S. CARMAN
Tom Carman
N.J. LICENSED
LANDSCAPE ARCHITECT
#AS00774

NO.	DATE	REVISION

SCALE: AS SHOWN
DATE: 3-27-20 JOB NO.: 19-125

DRAWING NO.

L-16



DINING TABLE & ARMLESS CHAIRS
 STYLE: CHIPMAN
 SIZE: 36" DINING TABLE
 COLOR/FINISH TO BE SELECTED
 SEE PLANS FOR QUANTITY AND LOCATIONS
 AS MFG. LANDSCAPE FORMS
 WWW.LANDSCAPEFORMS.COM
 P. 914-714-0260
 OR APPROVED EQUAL
 CONTRACTOR TO SUBMIT CUT SHEETS FOR
 REVIEW AND APPROVAL PRIOR TO
 PURCHASING



BIKE COIL BICYCLE RACK
 SIZES:
 -BRBG-6 (3 LOOPS, HOLDS 6 BIKES)
 -BRBG-9 (4 LOOPS, HOLDS 9 BIKES)
 -BRBG-10 (5 LOOPS, HOLDS 10 BIKES)
 COLOR/FINISH TO BE SELECTED
 SEE PLANS FOR QUANTITY AND
 LOCATIONS
 AS MFG. BELSON OUTDOORS
 WWW.BELSON.COM
 P. 1-800-322-5664
 OR APPROVED EQUAL
 CONTRACTOR TO SUBMIT CUT SHEETS
 FOR REVIEW AND APPROVAL PRIOR
 TO PURCHASING



POOL CHAISE LOUNGE
 STYLE: COCHRAN LOUNGE
 AS MFG. BY: LANDSCAPE FORMS
 WWW.LANDSCAPEFORMS.COM
 P. 914-714-0260
 OR APPROVED EQUAL
 CONTRACTOR TO SUBMIT MATERIAL
 SAMPLES & CUT SHEETS FOR
 REVIEW AND APPROVAL.



BILLIARDS TABLE
 COLOR: TO BE SELECTED
 FABRIC COLOR: TO BE SELECTED
 MODEL: ALL-WEATHER BILLIARDS COMMERCIAL ORION
 BILLIARDS TABLE
 SIZE: 56" X 100"
 AS MFG. BY: ALL-WEATHER BILLIARDS AND GAMES
 2161 J & C BLVD.
 NAPLES, FLORIDA 34109
 (239) 594-0618
 ALL-WEATHERBILLIARDS.COM
 CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR REVIEW
 AND APPROVAL PRIOR TO CONSTRUCTION
 CONTRACTOR SHALL SUBMIT COLOR SAMPLES FOR REVIEW
 AND APPROVAL PRIOR TO CONSTRUCTION
 INSTALL PER MFG. RECOMMENDATIONS



PET WASTE STATION
 MODEL: FBARK-480
 COLOR: TO BE SELECTED
 SIZE: 42.5" L x 12.75" W x 67" H
 MATERIAL: RUGGED STEEL,
 POWDER COATED
 WEIGHT: 22 LBS.
 MFG. BY: BARKPARK
 1675 LOCUST STREET
 RED BUD, IL 62278
 P. 800-488-8072
 OR APPROVED EQUAL
 INSTALL PER MFG.
 RECOMMENDATIONS

1
L-17
DETAIL - TABLE & CHAIR SEATING

NOT TO SCALE

2
L-17
DETAIL - BIKE RACK

NOT TO SCALE

3
L-17
DETAIL - POOL CHAISE LOUNGE

NOT TO SCALE

4
L-17
DETAIL - BILLIARDS TABLE

NOT TO SCALE

5
L-17
DETAIL - PET WASTE STATION

NOT TO SCALE



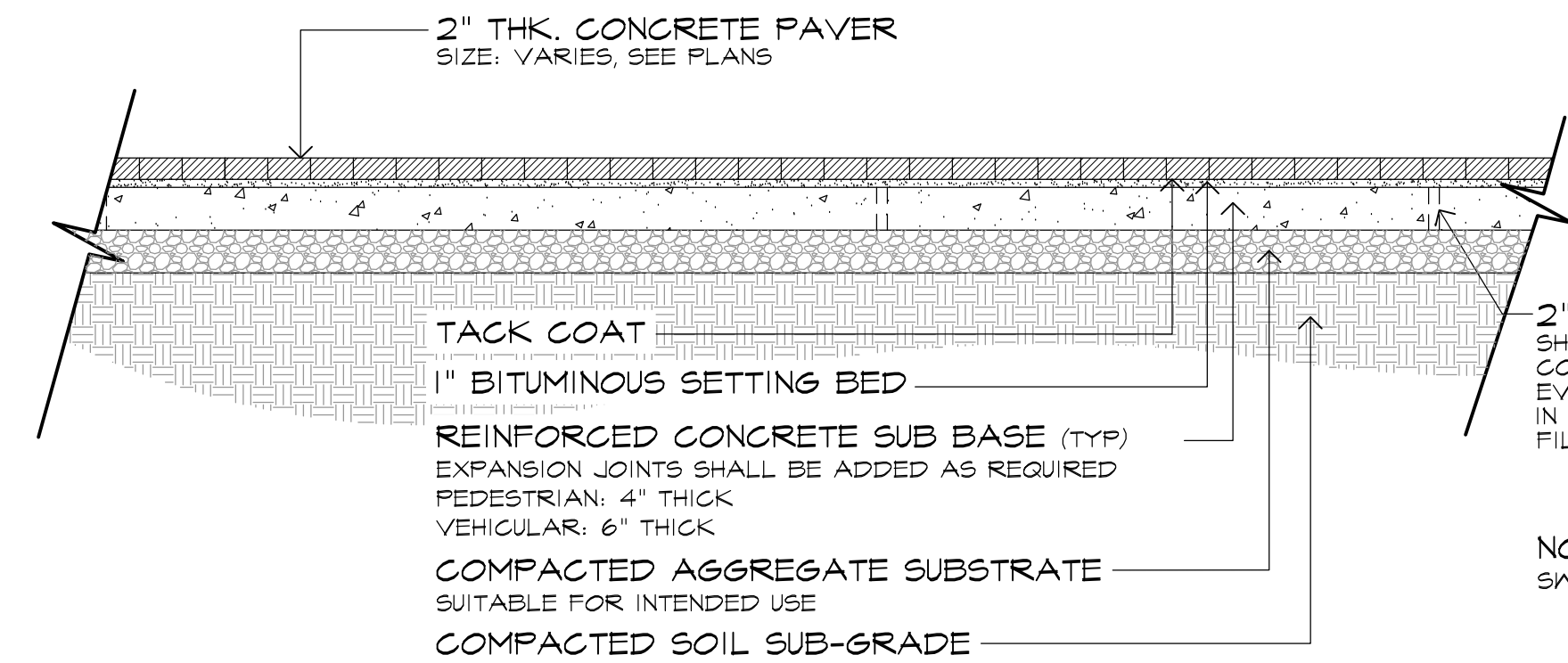
FIDO & ME FOUNTAIN
 MODEL: #FBARK-488
 STANDARD
 COLOR: TO BE SELECTED
 SIZE: 17" W x 38" H
 MATERIAL: RUGGED STEEL,
 POWDER COATED
 MFG. BY: BARKPARK
 OR APPROVED EQUAL
 COORDINATE WATER SOURCE
 AND WINTERIZATION PORT
 WITH OWNER'S
 REPRESENTATIVES
 INSTALL PER MFG.
 RECOMMENDATIONS



BENCH
 STYLE: AUSTIN (BACKED)
 SIZE: 24" X 12" X 33"
 COLOR/FINISH TO BE SELECTED
 SEE PLANS FOR QUANTITY AND
 LOCATIONS
 AS MFG. LANDSCAPE FORMS
 WWW.LANDSCAPEFORMS.COM
 P. 914-714-0260
 OR APPROVED EQUAL
 CONTRACTOR TO SUBMIT CUT
 SHEETS FOR REVIEW AND
 APPROVAL PRIOR TO
 PURCHASING



OUTDOOR FOOSBALL TABLE
 DIMENSIONS: 80" X 50" X 31"
 COLOR: TO BE SELECTED BY L.A.
 AS MFG. BY: GAMEROOM CONCEPTS UNLIMITED
 1-800-688-8888
 CONTRACTOR TO SUBMIT SHOP DRAWINGS TO
 LANDSCAPE ARCH. FOR APPROVAL PRIOR TO
 INSTALLATION
 *FOOSBALL TABLE INCLUDES ALL
 REQUIRED EQUIPMENT
 -PROTECTIVE COVER RECOMMENDED FOR
 ALL OUTDOOR GAME AMENITIES. COLOR TO
 BE SELECTED BY L.A.
 -SUBMIT PRODUCT CUT SHEET PRIOR TO
 PURCHASE
 -FINAL FOOSBALL TABLE MEASUREMENTS
 TO BE CONFIRMED BY ROSELAND
 INTERIORS



NOTE: JOINTS SHALL BE
 SWEPT WITH DRY SAND.

6
L-17
DETAIL - DOG FOUNTAIN

NOT TO SCALE

7
L-17
DETAIL - BENCH

NOT TO SCALE

8
L-17
DETAIL - FOOSBALL TABLE

NOT TO SCALE

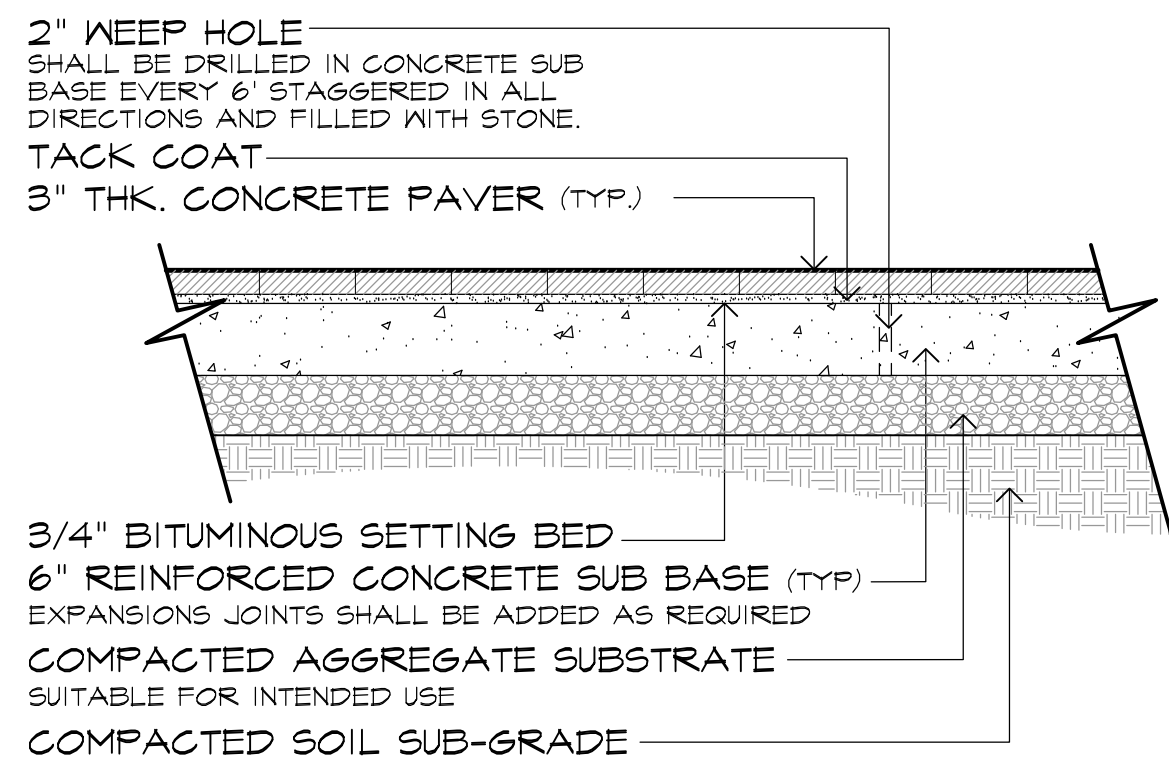
9
L-17
SECTION - DECORATIVE PEDESTRIAN PAVEMENT

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

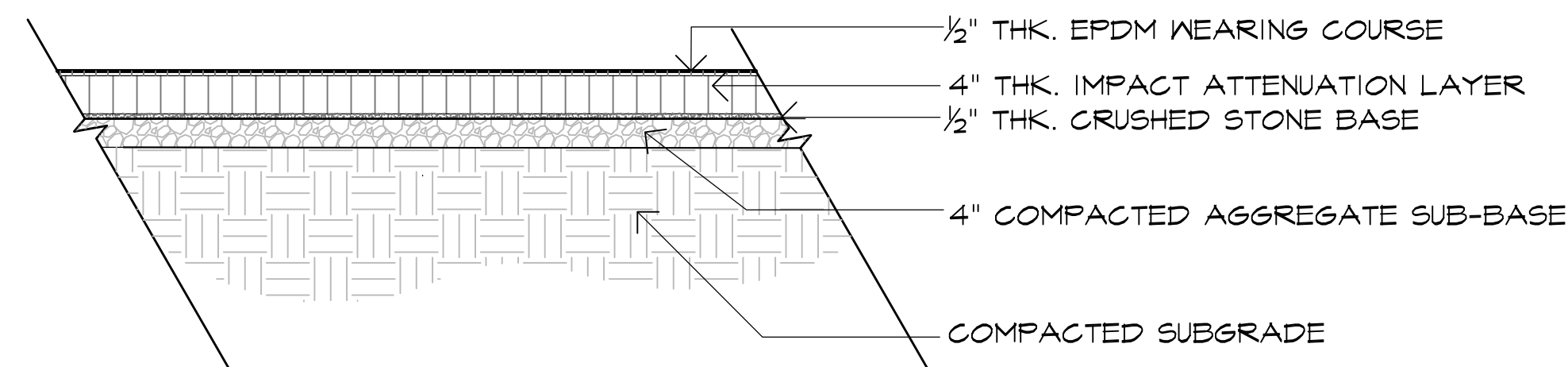
NOTES:

THE IMPACT ATTENUATION LAYER IS DETERMINED BY THE MAXIMUM FALL
 HEIGHT FOR EACH PIECE OF PLAY EQUIPMENT. CONTRACTOR SHALL
 CONFIRM/VERIFY WITH PLAY EQUIPMENT MFG. SPECIFICATION FOR
 MAXIMUM FALL HEIGHTS FOR EACH PIECE OF EQUIPMENT.

POURED IN PLACE SURFACING AS MFG. BY:
 SAFETY TURF INC.
 P. +1 (800) 804-4848 F. (610) 742-1768
 INFO@SAFETYTURF.COM
 AS INSTALLED BY: GENERAL RECREATION, INC.
 P. 1-800-726-4718
 GENERALRECREATIONINC.COM
 INSTALL PER MFG. RECOMMENDATIONS. CONTRACTOR SHALL SUBMIT SHOP
 DRAWINGS FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION.
 COLORS TO BE SELECTED BY LANDSCAPE ARCHITECT?



NOTE: JOINTS SHALL BE SWEPT WITH DRY SAND. STRUCTURAL
 ENGINEER TO REVIEW ALL BASE DEPTHS PRIOR TO CONSTRUCTION.



10
L-17
SECTION - DECORATIVE VEHICULAR PAVING

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

11
L-17
SECTION - PLAYGROUND SURFACING

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

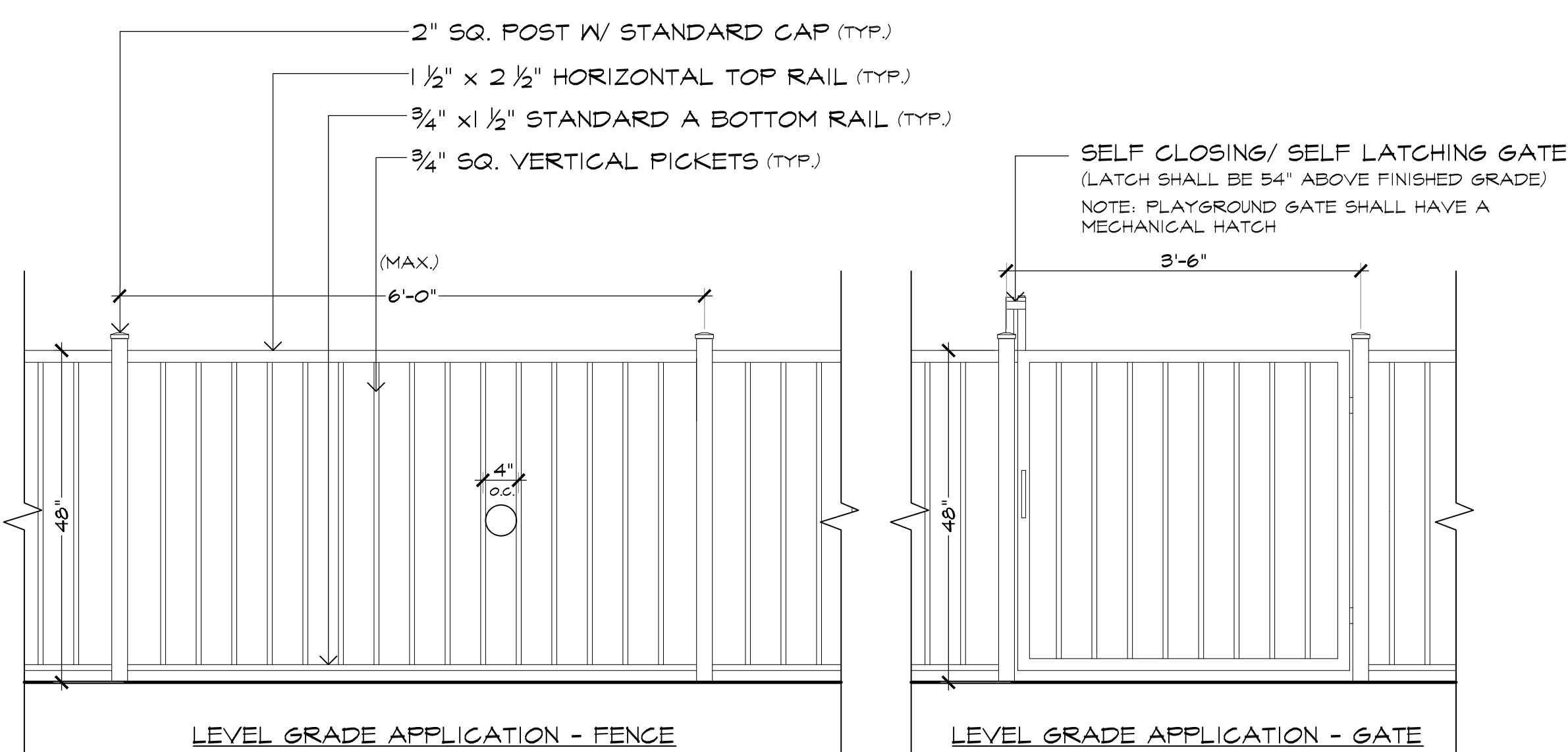
12
L-17
SECTION - DOG RUN

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

NOTE: GATE ACCESS CONTROLS SHALL BE
 COORDINATED WITH OWNER'S REP. CONTRACTOR
 SHALL PROVIDE 4" SQ. TUBULAR ALUMINUM POST W/
 DECORATIVE CAP TO ACCOMMODATE THE GATE
 ACCESS BUTTON/KEY FOB CONTROL. BUTTON/
 CONTROL SHALL BE RECESSED INTO POST FOR FLUSH
 FINISH. POST & CAP SHALL BE POWDER COATED TO
 MATCH FENCE. FINAL LOCATION TO BE COORDINATED
 W/ OWNER'S REP.

KEY FOB AND MAGNETIC LATCH TO BE COORDINATED
 WITH AND PROVIDED BY LOW VOLTAGE CONSULTANT.
 PROVIDE SHOP DRAWINGS FOR FINAL REVIEW.

4" HT. DECORATIVE ALUMINUM POOL FENCE (TYP.)
 AS MFG. BY: CLEMS ORNAMENTAL IRON WORK
 110 ELEVENTH STREET
 PISCATAWAY, NJ 08902
 P. 732.968.1200
 OR APPROVED EQUAL
 MODEL: B-1
 COLOR: TO BE SELECTED BY LANDSCAPE ARCHITECT
 PICKETS: (SQ-4) 3/4" SQ.
 TOP RAIL: (B-1) 1 1/2" x 2 1/2" TOP RAIL
 BOTTOM RAIL: 3/4" x 1 1/2" STANDARD A
 POST SIZE: (P-4) 2 1/2" SQ. W/ STANDARD CAP
 SECTIONS: 6" WIDE PRE-ASSEMBLED
 INSTALL PER MANUFACTURERS RECOMMENDATIONS.

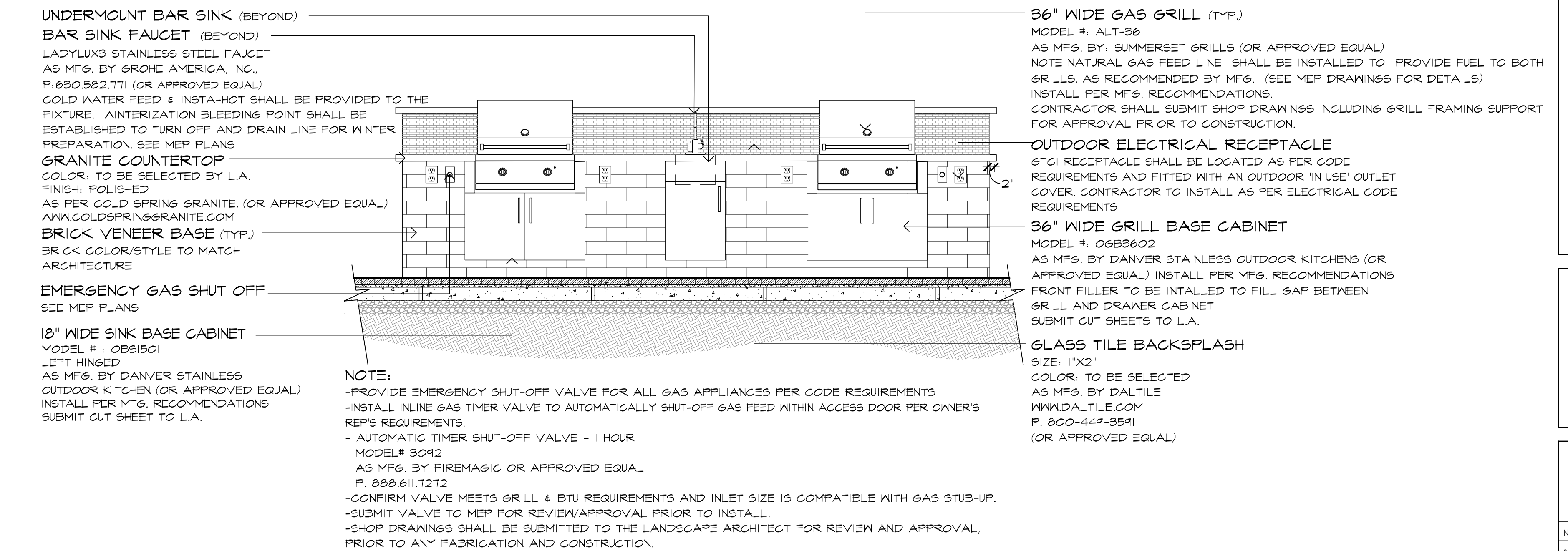


LEVEL GRADE APPLICATION - FENCE

LEVEL GRADE APPLICATION - GATE

13
L-17
SECTION - DECORATIVE ALUMINUM POOL & PLAYGROUND FENCE

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



UNDERMOUNT BAR SINK (BEYOND)
 BAR SINK FAUCET (BEYOND)
 LADYLUX STAINLESS STEEL FAUCET
 AS MFG. BY GROHE AMERICA, INC.
 P. 630.882.771 (OR APPROVED EQUAL)
 COLD WATER FEED & INSTA-HOT SHALL BE PROVIDED TO THE
 FIXTURE. WINTERIZATION BLEEDING POINT SHALL BE
 ESTABLISHED TO TURN OFF AND DRAIN LINE FOR WINTER
 PREPARATION. SEE MEP PLANS.
 GRANITE COUNTERTOP
 COLOR: TO BE SELECTED BY L.A.
 FINISH: POLISHED
 AS PER GOLD SPRINGS GRANITE. (OR APPROVED EQUAL)
 WWW.GOLDSPRINGSGRANITE.COM
 BRICK VENEER BASE (TYP.)
 BRICK COLOR/STYLE TO MATCH
 ARCHITECTURE
 EMERGENCY GAS SHUT OFF
 SEE MEP PLANS
 18" WIDE SINK BASE CABINET
 MODEL #: 0551501
 LEFT HINGED
 AS MFG. BY DANVER STAINLESS
 OUTDOOR KITCHEN (OR APPROVED EQUAL)
 INSTALL PER MFG. RECOMMENDATIONS
 SUBMIT CUT SHEET TO L.A.

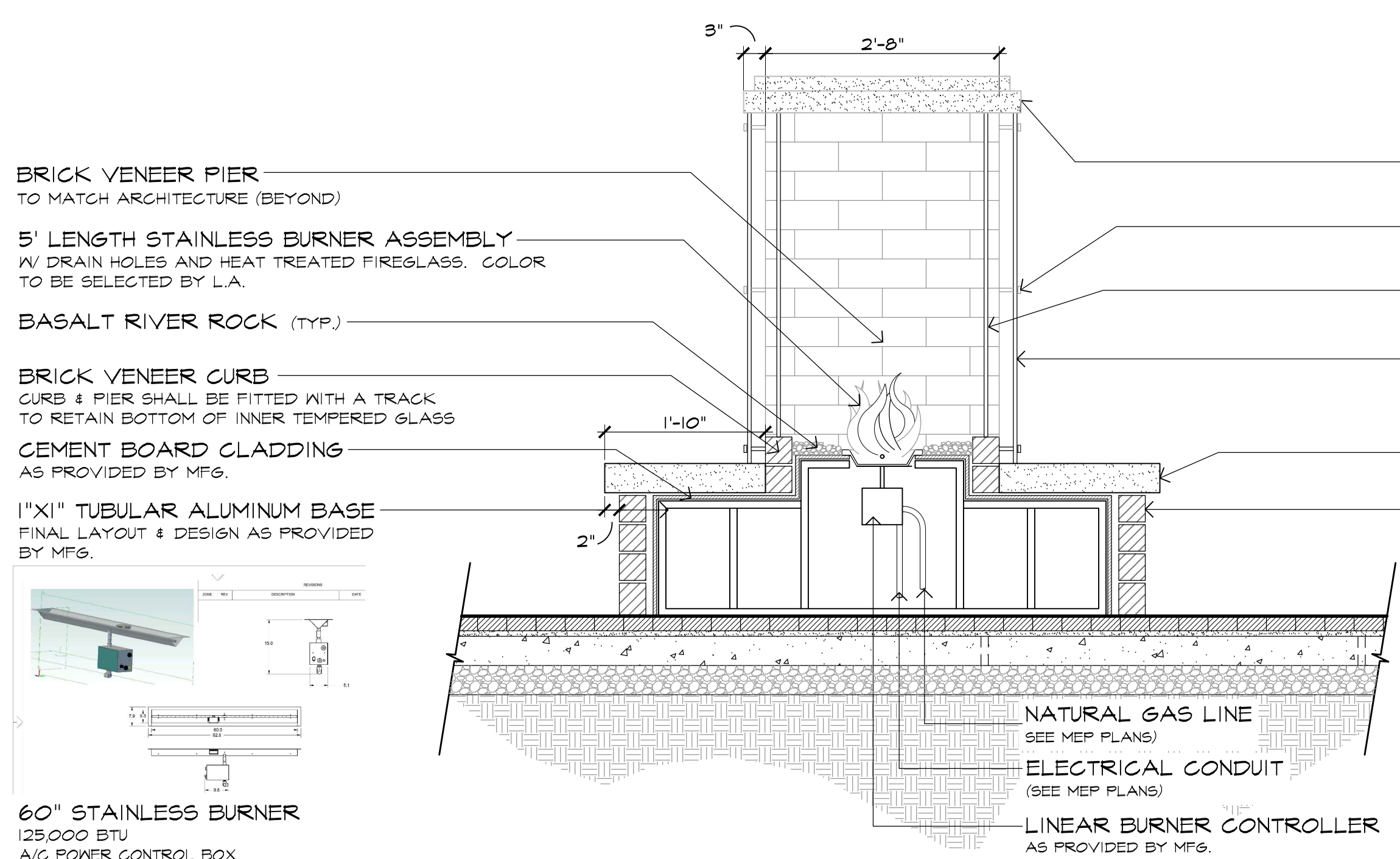
NOTE:
 -PROVIDE EMERGENCY SHUT-OFF VALVE FOR ALL GAS APPLIANCES PER CODE REQUIREMENTS
 -INSTALL IN-LINE GAS TIMER VALVE TO AUTOMATICALLY SHUT-OFF GAS FEED WITHIN ACCESS DOOR PER OWNER'S
 REPS REQUIREMENTS
 -AUTOMATIC TIMER SHUT-OFF VALVE - 1 HOUR
 MODEL# 8042
 AS MFG. BY FIREMAGIC OR APPROVED EQUAL
 P. 888.611.7272
 -CONFIRM VALVE MEETS GRILL & BTU REQUIREMENTS AND INLET SIZE IS COMPATIBLE WITH GAS STUB-UP.
 -SUBMIT VALVE TO MEP FOR REVIEW/ APPROVAL PRIOR TO INSTALL.
 -SHOP DRAWINGS SHALL BE SUBMITTED TO THE LANDSCAPE ARCHITECT FOR REVIEW AND APPROVAL,
 PRIOR TO ANY FABRICATION AND CONSTRUCTION.

36" WIDE GAS GRILL (TYP.)
 MODEL #: ALT-36
 AS MFG. BY: SUMMERSET GRILLS (OR APPROVED EQUAL)
 NOTE: NATURAL GAS FEED LINE SHALL BE INSTALLED TO PROVIDE FUEL TO BOTH
 GRILLS, AS RECOMMENDED BY MFG. (SEE MEP DRAWINGS FOR DETAILS)
 INSTALL PER MFG. RECOMMENDATIONS.
 CONTRACTOR SHALL SUBMIT SHOP DRAWINGS INCLUDING GRILL FRAMING SUPPORT
 FOR APPROVAL PRIOR TO CONSTRUCTION.
 OUTDOOR ELECTRICAL RECEPTACLE
 6FGI RECEPTACLE SHALL BE LOCATED AS PER CODE
 REQUIREMENTS AND FITTED WITH AN OUTDOOR 'IN USE' OUTLET
 COVER. CONTRACTOR TO INSTALL AS PER ELECTRICAL CODE
 REQUIREMENTS
 36" WIDE GRILL BASE CABINET
 MODEL #: 0683602
 AS MFG. BY DANVER STAINLESS OUTDOOR KITCHENS (OR
 APPROVED EQUAL) INSTALL PER MFG. RECOMMENDATIONS
 FRONT FILLER TO BE INSTALLED TO FILL GAP BETWEEN
 GRILL AND DRAWER CABINET
 SUBMIT CUT SHEETS TO L.A.
 GLASS TILE BACKSPLASH
 SIZE: 1'X2'
 COLOR: TO BE SELECTED
 AS MFG. BY DAL TILE
 WWW.DAL TILE.COM
 P. 800-444-5541
 (OR APPROVED EQUAL)

14
L-17
ELEVATION - TYPICAL BBQ COUNTER

SCALE: 1/2"=1'-0"

SECTION



NOTES:
FIREPLACE SHALL BE CONTROLLED BY A GAS FIREPLACE COUNTDOWN TIMER SWITCH MOUNTED TO SIDE OF FIREPLACE ENCLOSURE. INSTALL PER MFG. RECOMMENDATIONS.
CONTRACTOR SHALL CONTACT MFG. TO REVIEW THE APPROPRIATE VENTING & CLEARANCES REQUIRED FOR THE UNIT.
SHOP DRAWINGS SHALL BE SUBMITTED TO THE LANDSCAPE ARCHITECT AND FIRE INSPECTOR FOR REVIEW AND APPROVAL.
PRIOR TO ANY FABRICATION AND CONSTRUCTION.
CONTRACTOR TO REVIEW ALL APPLICABLE FIRE CODES PRIOR TO INSTALLATION.

1 SECTION - SEE THROUGH FIREPLACE
L-18

INSTALLATION INSTRUCTIONS:

Commercial Grade Light String
Installation instructions for LS-C, LS-L, LS-M and LS-MS light string product for permanent installation

WARNING: These products may represent a possible shock or fire hazard if improperly installed or attached in any way. Products should be installed in accordance with these instructions, and current electrical codes and/or the current National Electric Code (NEC).

CAUTION - To reduce the risk of fire, electric shock or injury to persons:

- Commercial Grade Light String is intended for installation by trained, qualified electrical contractors.
- Light string can be supported by steel guide cables, with zip ties and eyebolts. Proper diameter cabling must be used for the maximum span distance between supports according to local building codes. See chart on reverse side for maximum span distances between supports.
- Suspend strings properly by attaching suspension cable (not provided) to solid support structures, such as joists, beams or wall studs.
- Light sockets must be suspended so that bulbs are facing down ONLY.
- Keep combustible material clear of bulbs. Do NOT allow lamps or sockets to come into contact with walls, ceilings, fabrics associated with shades, blinds or other materials. Lamps should hang freely in a downward direction with a minimum of 3" space from the nearest object.
- Do not cluster the bulbs.
- Not intended for installation in ceilings, soffits, cabinets or other enclosed spaces.
- Not intended for lighting aquariums.
- Do NOT secure light string to buildings or other structural supports using nails, staples or other sharp, conducting materials.
- Avoid damage to the insulation during installation. Do NOT pierce or otherwise compromise wire's or sockets' outer covering, jacket or sheathing.
- Periodically inspect wire and sockets for degradation due to weather, UV light or other damage. Promptly replace worn out light string.
- DO NOT MOUNT THE LIGHT STRINGS WITH SOCKETS FACING UPWARD!**
- DO NOT OVERLOAD ANY SOCKET'S MAXIMUM WATTAGE RATING!**
- DO NOT EXCEED THE MAXIMUM WATTAGE CAPACITY IN ANY RUN!**

WARNING - RISK OF ELECTRIC SHOCK!
Disconnect power at source prior to wiring, re-lamping or servicing in any way.

LIGHT STRING SETS WITH POLARIZED PLUG

- Do not connect the light string to any other string.
- The plug-in light string sets are supplied with an attached polarized plug that will only fit into a polarized outlet. If it does not fit reverse the plug. If it still does not fit, contact a qualified electrician. Do not alter the plug.
- DO NOT EXCEED THE MAXIMUM WATTAGE FOR LIGHT STRING SETS WITH ATTACHED PLUG:**

600 WATTS MAXIMUM FOR 48 FOOT PLUG-IN LIGHT STRING SETS!
1200 WATTS MAXIMUM FOR 100 FOOT PLUG-IN LIGHT STRING SETS!

2 DETAIL - STRING LIGHTS
L-18

COMMERCIAL GRADE LIGHT STRING W/ LED BULBS
MEDIUM BASE STRING LIGHT WITH LED BULBS

STRING LIGHT MODEL #: ETL5-XXX
BULB MODEL #: P640-E26-MK
VOLTAGE: 120V
WATTAGE: 1440W (MAX RUN)

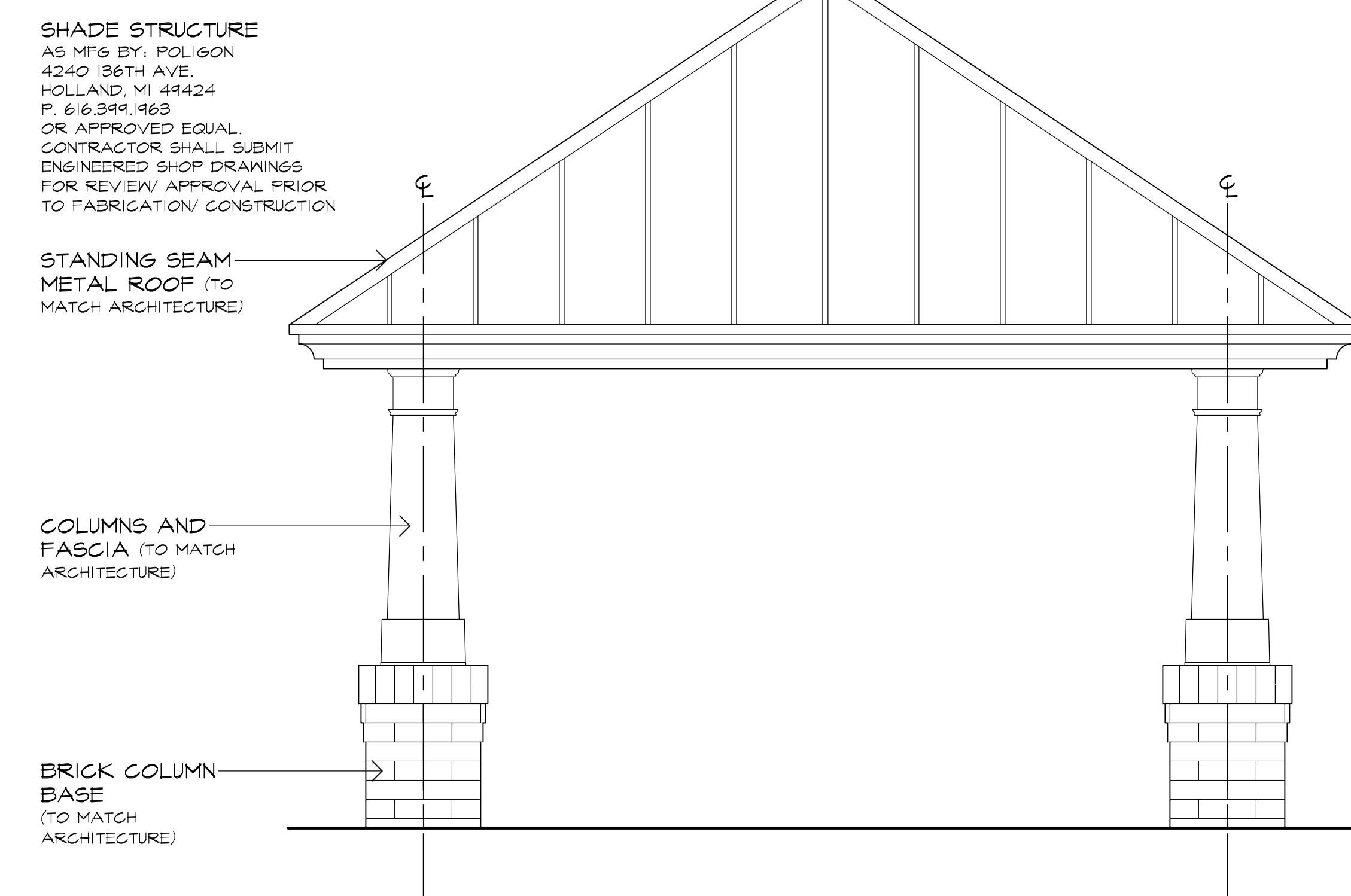
BULB MODEL #: P640-E26-MK

CABLE MODEL #: LS-CABLE-500
FASTENERS: LS-LOCK-10 (AS NEEDED)
TENSIONING TOOL: LS-TT (AS NEEDED)

AS MFG. BY:
AMERICAN LIGHTING
7660 E. JENNELL AVE, SUITE A
DENVER, CO 80231
800.880.1180
WWW.AMERICANLIGHTING.COM

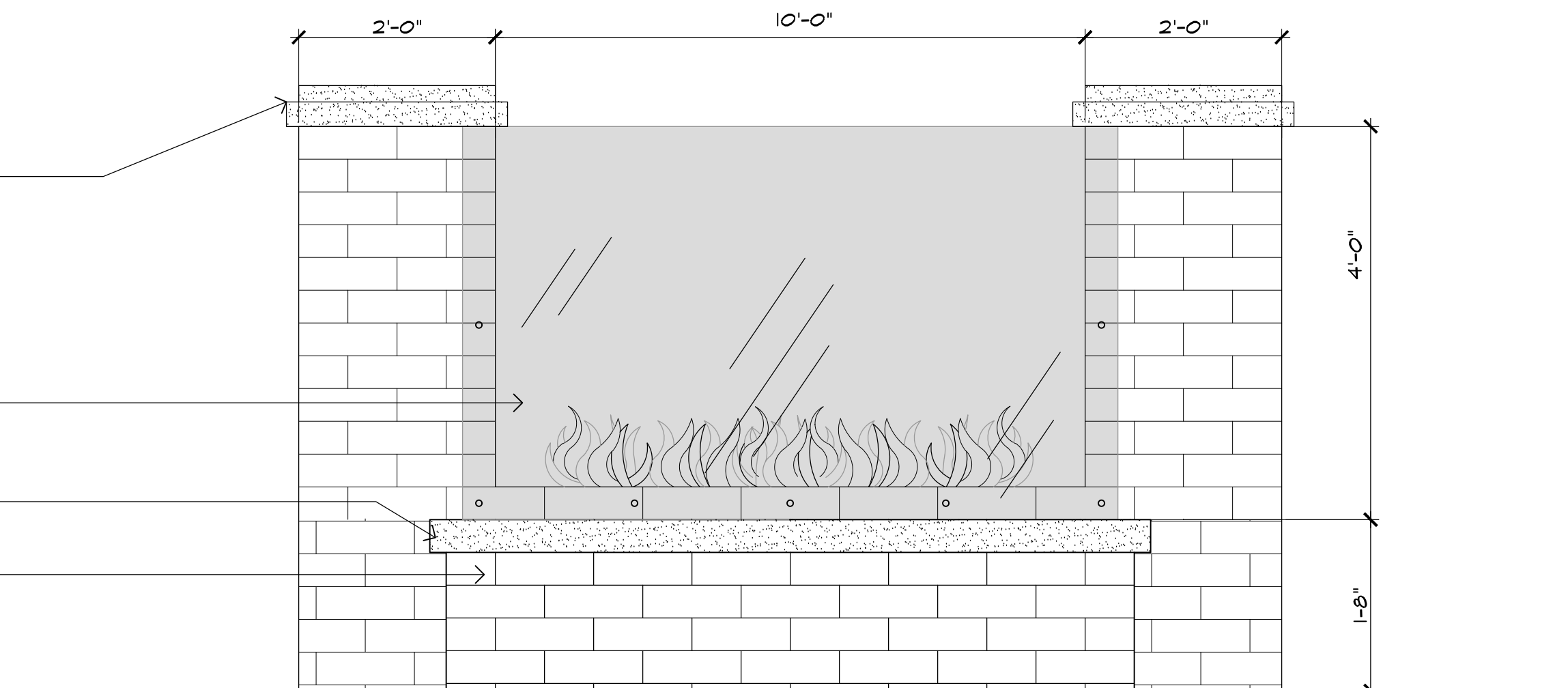
NOTES:

- STRING LIGHT TO BE SUPPORT BY 1/2" STEEL GUIDE CABLE ATTACHED TO OVERHEAD STRUCTURE. AS SUPPLIED BY MFG.
- STRING LIGHTS TO BE ATTACHED/SUPPORTED BY CABLE WITH APPROPRIATE HARDWARE.
- INSTALL AND MOUNT AS PER MFG. RECOMMENDATIONS.
- ETLS MODELS USE GROUNDED PLUGS AND SOCKETS. WHILE MAINTAINING ETL5 SAFETY RATINGS FOR YEAR-ROUND USE. DO NOT CUT WIRE.



3 DETAIL - SHADE STRUCTURE
L-18

ELEVATION



6 DETAIL - LITTER & RECYCLING RECEPTACLE
L-18 NOT TO SCALE



MULTIFUNCTION LITTER & RECYCLING RECEPTACLE
STYLE: DOUBLE FREESTAND
SIZE: 15"X26"X41"
COLOR/FINISH TO BE SELECTED
SEE PLANS FOR QUANTITY AND LOCATIONS
AS MFG. LANDSCAPE FORMS
WWW.LANDSCAPEFORMS.COM
P. 914.714-0260
OR APPROVED EQUAL
CONTRACTOR TO SUBMIT CUT SHEETS FOR REVIEW AND APPROVAL PRIOR TO PURCHASING



BLUEBIRD BOX SCREEN TOP
MODEL # SE-501004C
COLOR/FINISH TO BE SELECTED
SEE PLANS FOR QUANTITY AND LOCATIONS
AS MFG. BY: THE BIRD SHED
WWW.THEBIRDSHED.COM
P. 1-866-247-5143
OR APPROVED EQUAL
CONTRACTOR TO SUBMIT CUT SHEETS FOR REVIEW AND APPROVAL PRIOR TO PURCHASING.
MOUNT IN OPEN AREAS 6-10 FT HIGH.

7 DETAIL - BIRDHOUSES
L-18 NOT TO SCALE

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

4 DETAIL - PLAY EQUIPMENT
L-18 NOT TO SCALE



5000 SERIES SWINGS FRAME 8' HT.
MODEL #17401
MIN. AREA REQUIRED: 31'-0" X 32'
AGE: 2-5 YEARS OLD, 5-12 YEARS OLD
COLOR/FINISH TO BE SELECTED
SEE PLANS FOR LOCATION
AS MFG. BY: LANDSCAPE STRUCTURES
WWW.PLAYLSI.COM
AS REPRESENTED BY: JOE DEL VECCHIO
P. 973-403-6683
E. JOE@SEN-REG.COM
CONTRACTOR TO SUBMIT CUT SHEETS FOR REVIEW AND APPROVAL PRIOR TO PURCHASING



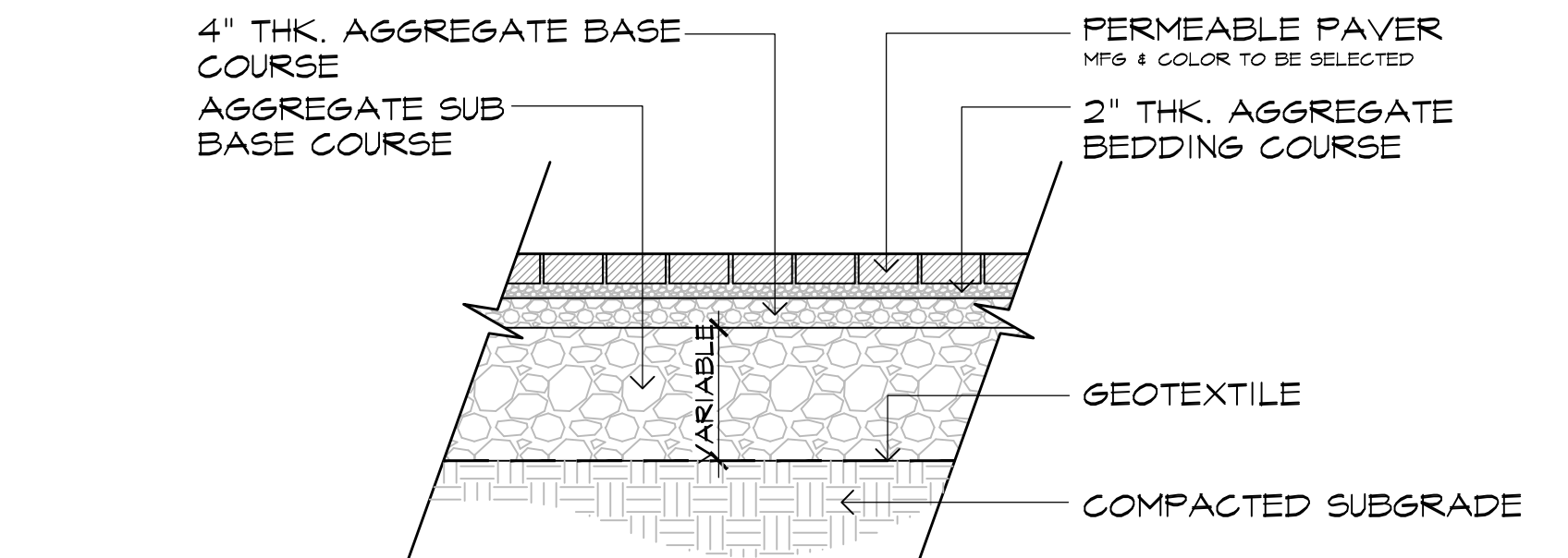
OMNISPIN SPINNER
MODEL #173981
MIN. AREA REQUIRED: 19'X19'
MAX. FALL HEIGHT: 10'
AGE: 2-5 YEARS, 5-12 YEARS
COLOR/FINISH TO BE SELECTED
SEE PLANS FOR LOCATION
AS MFG. BY: LANDSCAPE STRUCTURES
WWW.PLAYLSI.COM
AS REPRESENTED BY: JOE DEL VECCHIO
P. 973-403-6683
E. JOE@SEN-REG.COM
CONTRACTOR TO SUBMIT CUT SHEETS FOR REVIEW AND APPROVAL PRIOR TO PURCHASING



MOBIUS CLIMBER 6-PANEL
MODEL #150656
MIN. AREA REQUIRED: 25'-8" X 23'
MAX. FALL HEIGHT: 120"
AGE: 5-12 YEARS OLD
COLOR/FINISH TO BE SELECTED
SEE PLANS FOR LOCATION
AS MFG. BY: LANDSCAPE STRUCTURES
WWW.PLAYLSI.COM
AS REPRESENTED BY: JOE DEL VECCHIO
P. 973-403-6683
E. JOE@SEN-REG.COM
CONTRACTOR TO SUBMIT CUT SHEETS FOR REVIEW AND APPROVAL PRIOR TO PURCHASING



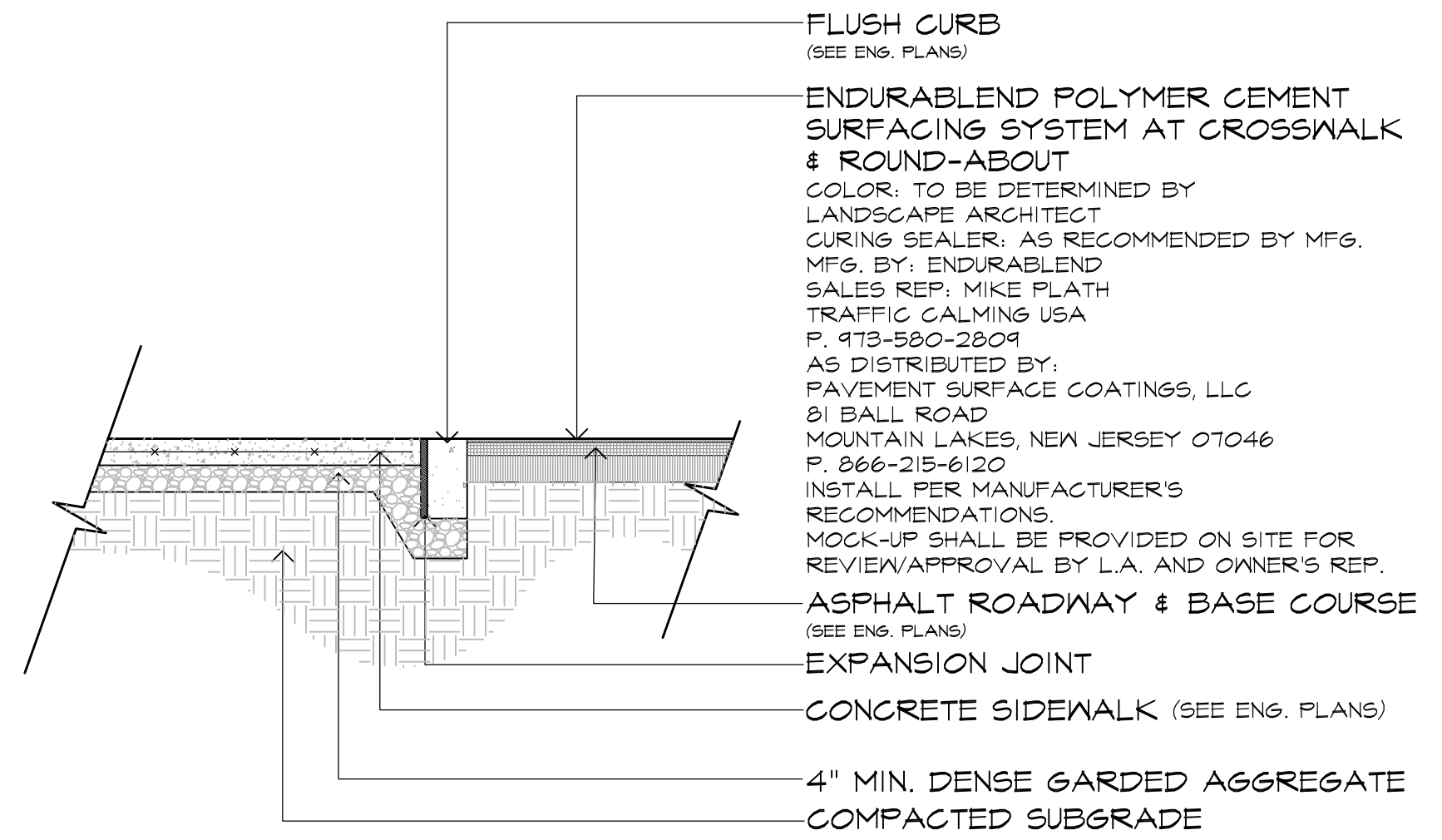
VENTI HDG
MODEL # 2220268
MIN. AREA REQUIRED: 45'-2" X 34'-2"
MAX. FALL HEIGHT: 81"
AGE: 5-12 YEARS OLD
COLOR/FINISH TO BE SELECTED
SEE PLANS FOR LOCATION
AS MFG. BY: LANDSCAPE STRUCTURES
WWW.PLAYLSI.COM
AS REPRESENTED BY: JOE DEL VECCHIO
P. 973-403-6683
E. JOE@SEN-REG.COM
CONTRACTOR TO SUBMIT CUT SHEETS FOR REVIEW AND APPROVAL PRIOR TO PURCHASING



8 SECTION - PERMEABLE PAVERS
L-18 SCALE: 1/2"=1'-0"

4 DETAIL - PLAY EQUIPMENT
L-18 NOT TO SCALE

5 SECTION - ENDURA BLEND ASPHALT PAVEMENT
L-18 SCALE: 1/2"=1'-0"



NOTES:
-PEDESTRIAN CROSSING SHALL BE 10' IN WIDTH.
-CONTRACTOR TO SUBMIT MATERIAL SAMPLES AND BUILD MOCK-UP FOR REVIEW & APPROVAL BY LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION.

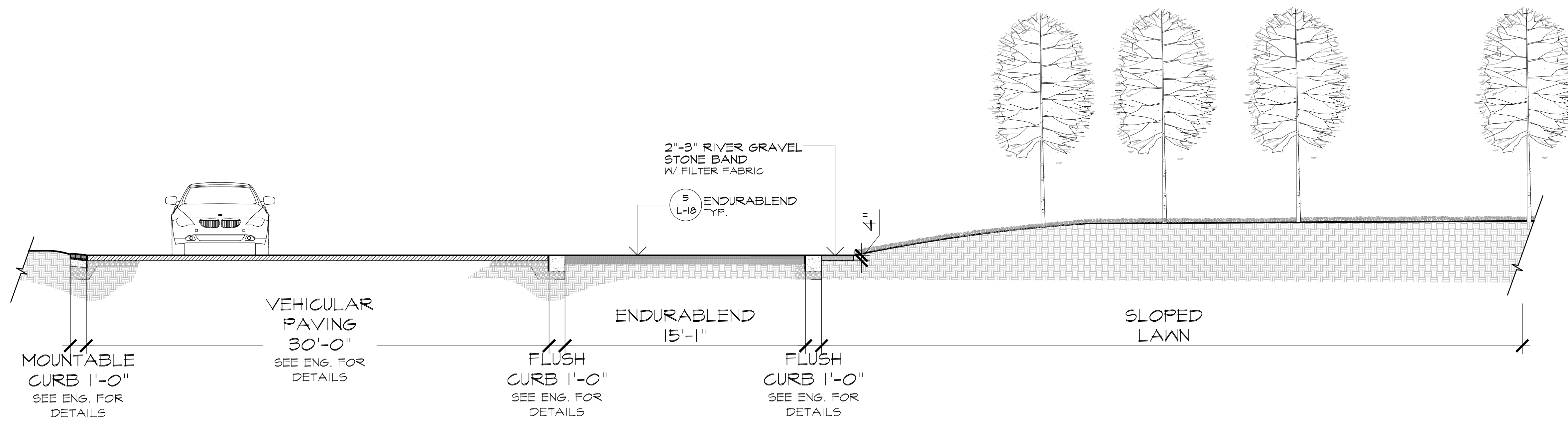
Planting Details
Submission Plans

Princeton Executive Park
West Windsor, New Jersey

MELILLO+BAUER
ASSOCIATES
Landscape Architecture
200 Union Avenue
Brielle, New Jersey 08730
T 732.528.0644
F 732.528.1077
www.melillobauer.com

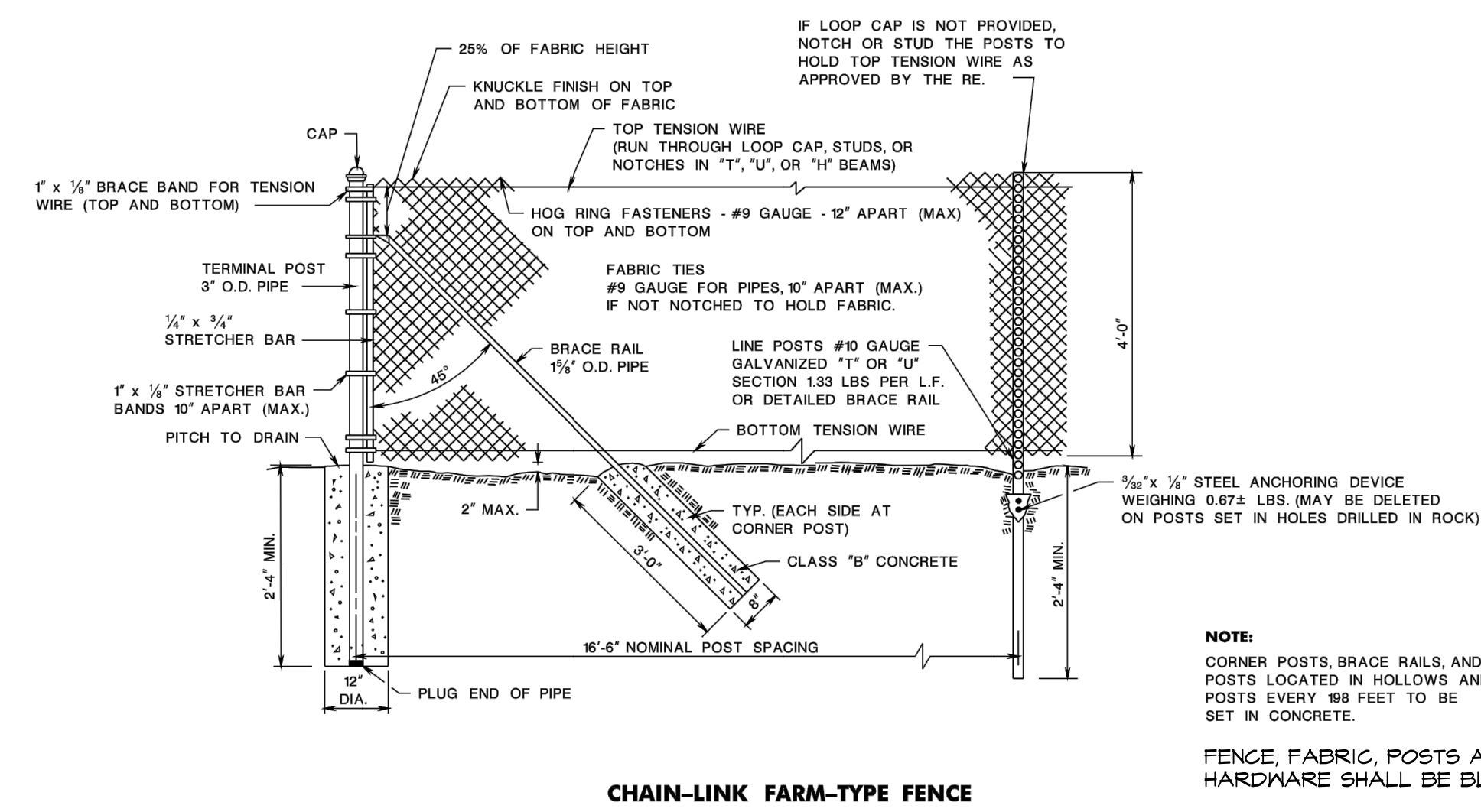
THOMAS S. CARMAN
N.J. LICENSED LANDSCAPE ARCHITECT #AS0774

NO.	DATE	REVISION



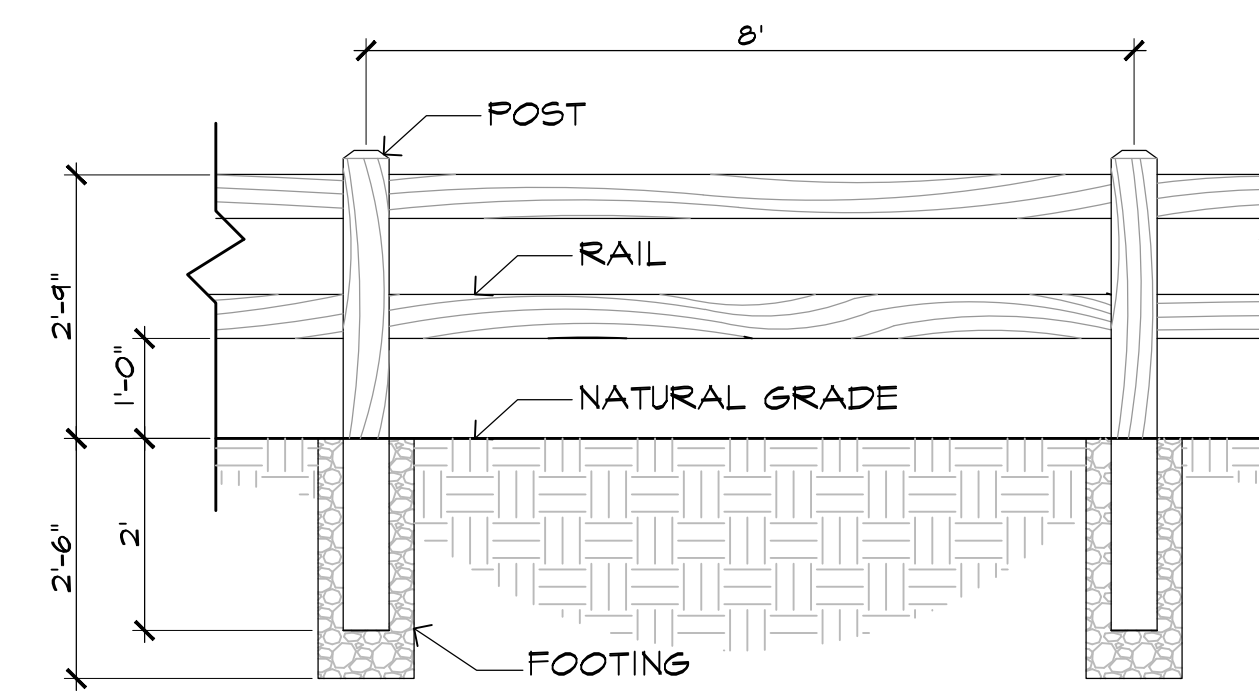
1 SECTION - ROUNDABOUT
L-19

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

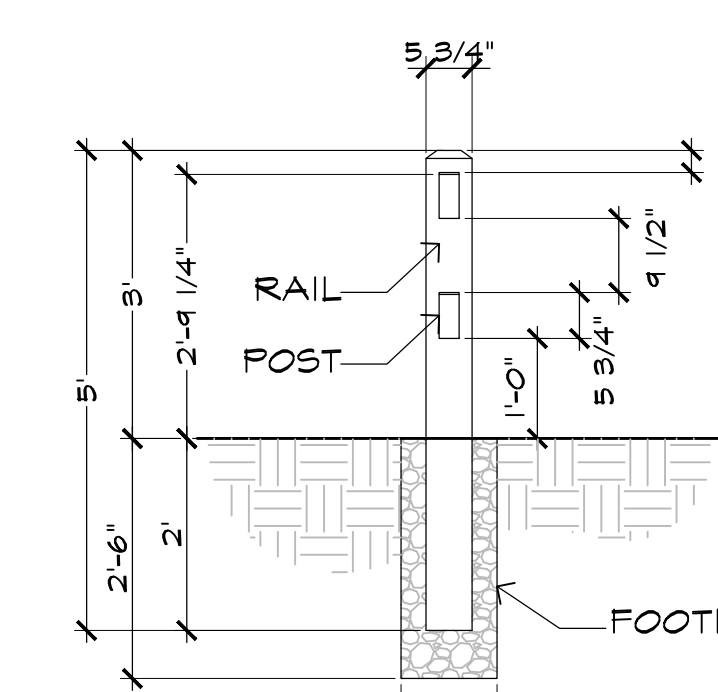


CHAIN-LINK FARM-TYPE FENCE

SPLIT RAIL FENCE - 2 RAIL, 8 FT. COLOR TO BE DETERMINED BY L.A. (OR APPROVED EQUAL).
INSTALL PER MANUFACTURER'S RECOMMENDATIONS. MOCK-UP SHALL BE PROVIDED ON SITE FOR REVIEW/APPROVAL BY L.A. AND OWNER'S REP.



2 RAIL 8 FT. SPACING FENCE ELEVATION



2 RAIL FENCE SECTION

3 DETAIL - SPLIT RAIL FENCE
L-19

SCALE: 1/2"=1'-0"

2 DETAIL - NJ DOT STANDARD CD DETAIL
L-19

NOT TO SCALE



MELILLO+BAUER
ASSOCIATES
Landscape Architecture

200 Union Avenue
Brielle, New Jersey 08730
T 732.528.0644
F 732.528.1077
www.melillobauer.com

THOMAS S. CARMAN

Thomas S. Carman

N.J. LICENSED
LANDSCAPE ARCHITECT
#AS00774

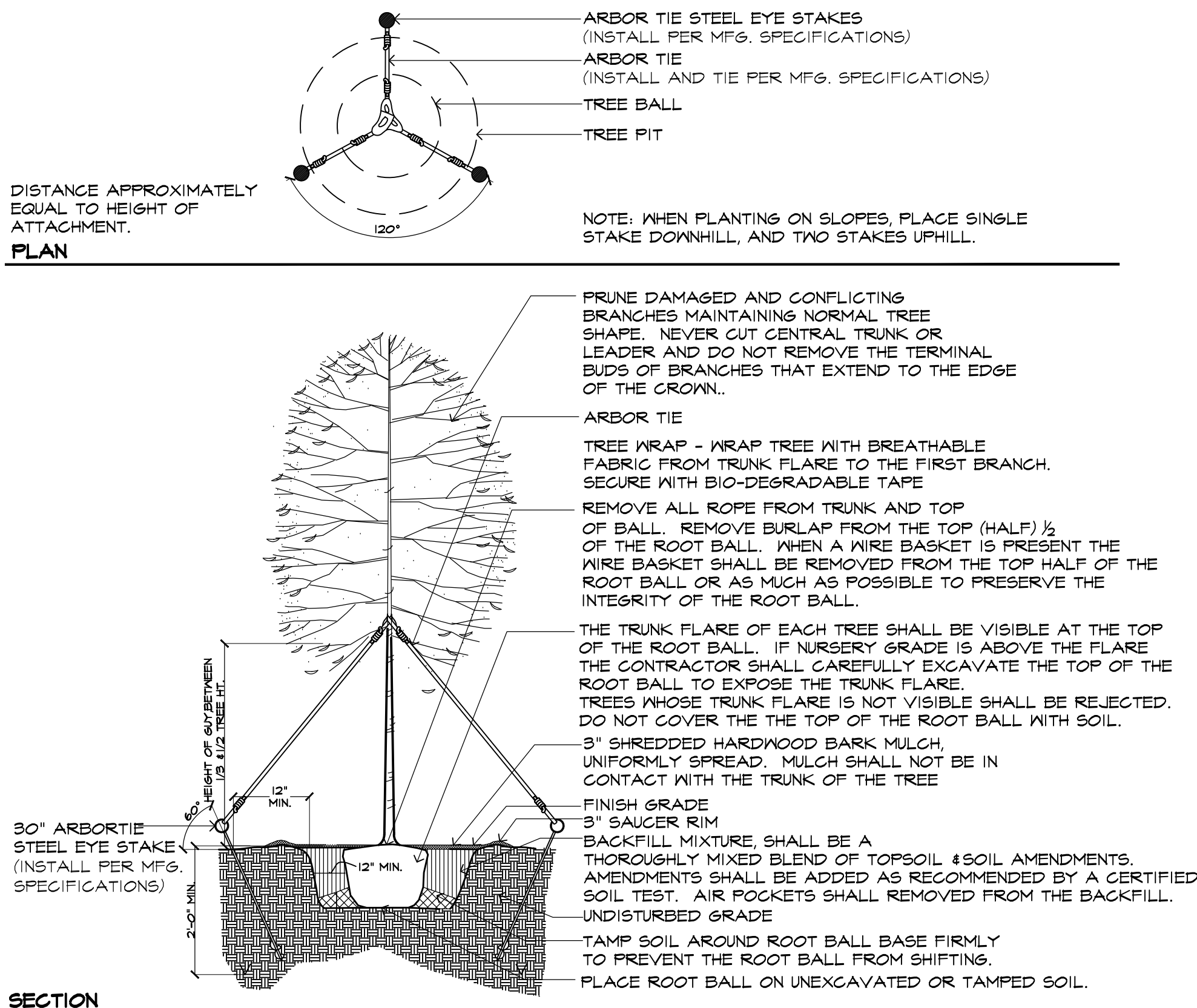
NO.	DATE	REVISION

SCALE: AS SHOWN

DATE: 3-27-20 JOB NO.: 19-125

DRAWING NO.

L-19

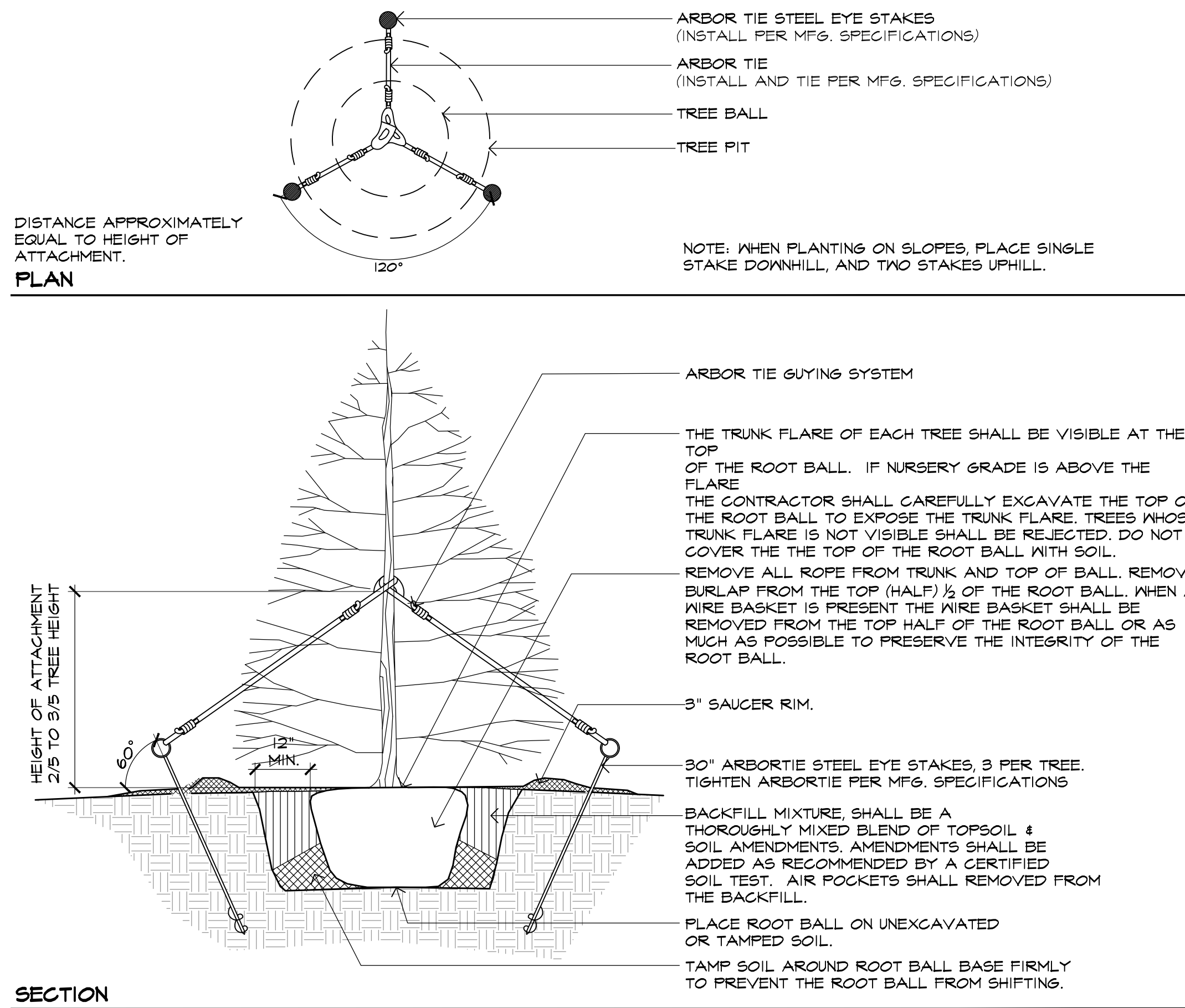


NOTES:

- CONTRACTOR SHALL PARTIALLY FILL WITH WATER A REPRESENTATIVE NUMBER OF PITS IN EACH AREA OF THE PROJECT PRIOR TO PLANTING TO DETERMINE IF THERE IS ADEQUATE PERCOLATION. IF PIT DOESN'T PERCOLATE, MEASURES MUST BE TAKEN TO ASSURE PROPER DRAINAGE BEFORE PLANTING.
- CONTRACTOR SHALL REMOVE STAKING, GUYING AND WRAP AT END OF GUARANTEE PERIOD. ALL PLANTING MUST BE GUARANTEED FOR ONE FULL GROWING SEASON FROM THE TIME OF FINAL ACCEPTANCE BY THE OWNER OR GOVERNING AUTHORITY.
- GUYING ON MULTI-STEM TREES TO BE MADE ON HEAVIEST BRANCHES OF PLANT.
- ON ALL FALL PLANTINGS THE CONTRACTOR SHALL WRAP THE TREES SPECIFIED BY THE LANDSCAPE ARCHITECT (ACER spp.) FROM THE TRUNK FLARE TO THE FIRST BRANCH. TREE WRAP SHALL BE REMOVED BY APRIL 1.
- TREE WRAP SHALL BE BREATHABLE AND AS APPROVED BY THE LANDSCAPE ARCHITECT.
- TREE WRAP SHALL BE INSTALLED AT THE TIME OF PLANTING AND BE REMOVED AS DIRECTED BY THE LANDSCAPE ARCHITECT.
- TREE WRAP SHALL BE REMOVED NO LATER THAN 12 MONTHS AFTER PLANTING.
- TREES WHOSE NORTH ORIENTATION IS NOT CHANGED FROM THE NURSERY DO NOT NEED TO BE WRAPPED UNLESS OTHERWISE DIRECTED BY THE LANDSCAPE ARCHITECT.

1 L-20 **STREETSCAPE - DECIDUOUS TREE PLANTING**

NOT TO SCALE

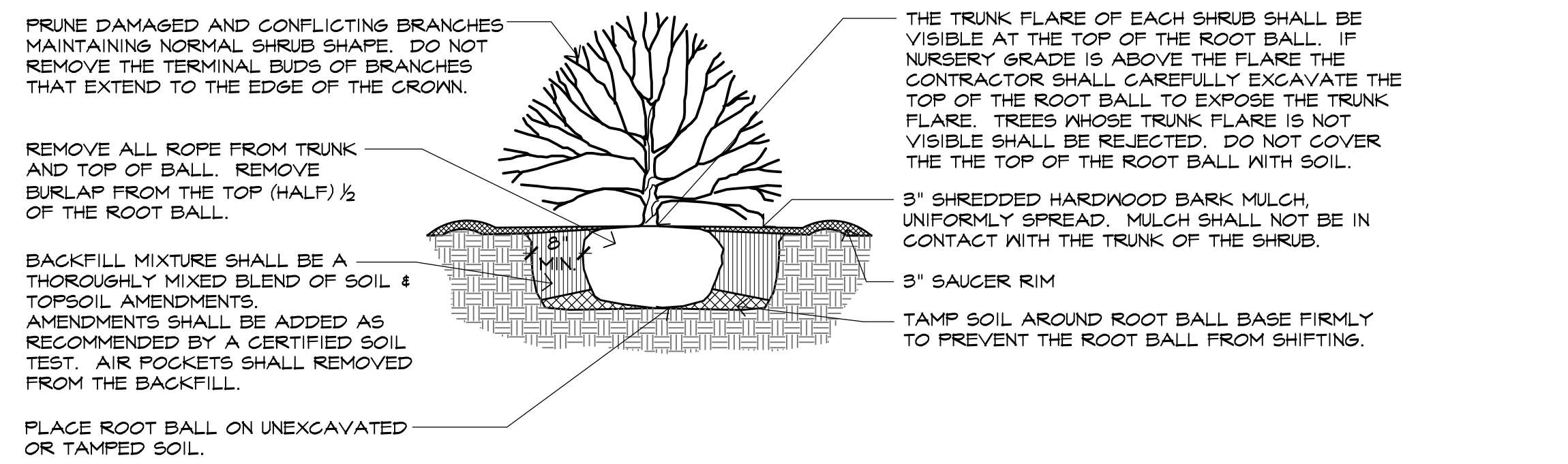


NOTES:

- CONTRACTOR SHALL PARTIALLY FILL WITH WATER A REPRESENTATIVE NUMBER OF PITS IN EACH AREA OF THE PROJECT PRIOR TO PLANTING TO DETERMINE IF THERE IS ADEQUATE PERCOLATION. IF PIT DOESN'T PERCOLATE, MEASURES MUST BE TAKEN TO ASSURE PROPER DRAINAGE BEFORE PLANTING.
- CONTRACTOR SHALL REMOVE STAKING, GUYING AND WRAP AT THE END OF THE GUARANTEE PERIOD.
- ALL PLANTING MUST BE GUARANTEED FOR ONE FULL GROWING SEASON FROM THE TIME OF FINAL ACCEPTANCE BY TOWNSHIP LANDSCAPE ARCHITECT.

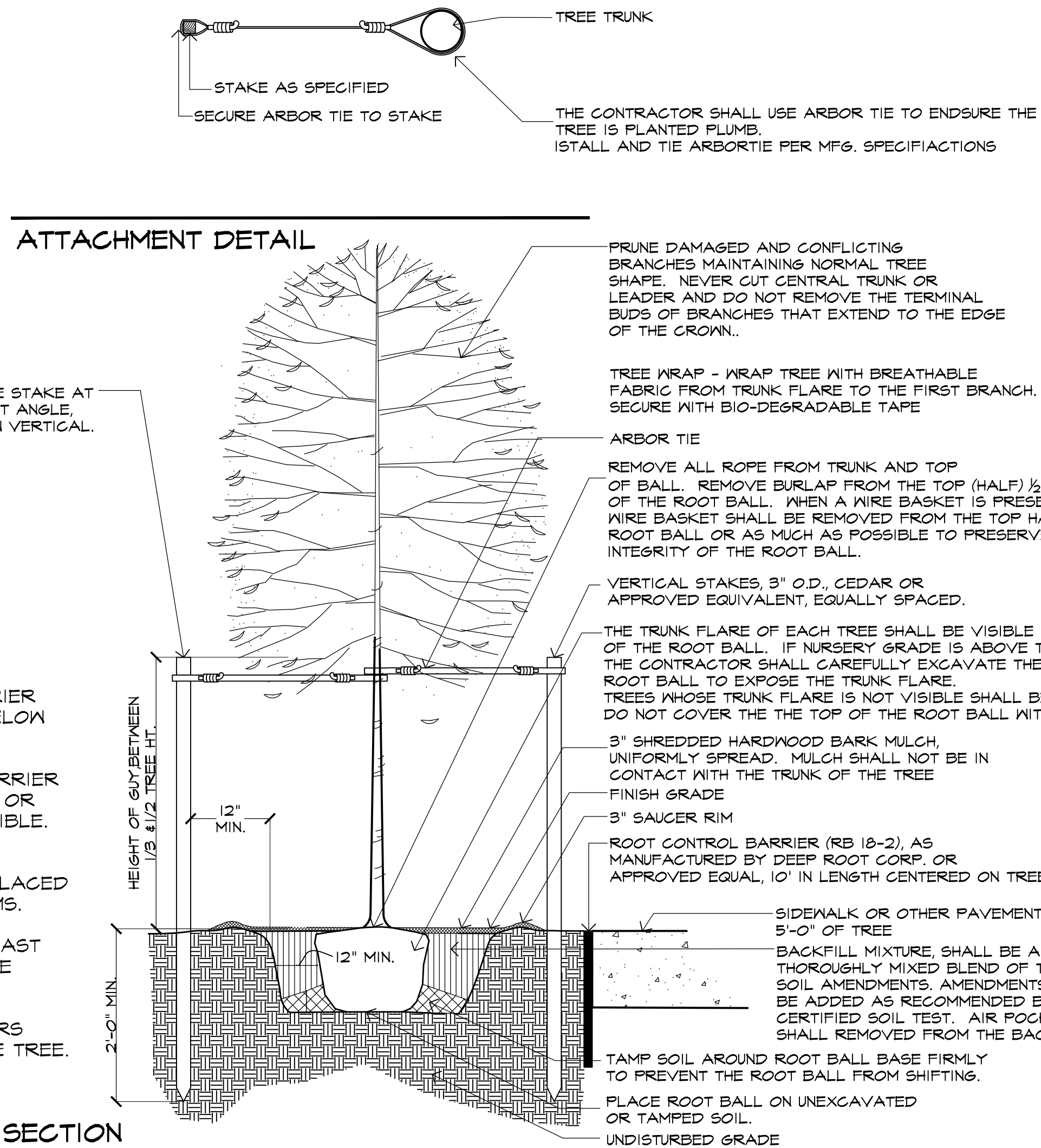
2 L-20 **STREETSCAPE - EVERGREEN TREE PLANTING**

NOT TO SCALE



4 L-20 **STREETSCAPE - SHRUB PLANTING**

NOT TO SCALE



ROOT BARRIER NOTES:

1. TOP OF ROOT CONTROL BARRIER MUST BE AT GRADE, NEVER BELOW GRADE.
2. POSITION ROOT CONTROL BARRIER AGAINST EDGE OF SIDEWALK OR AS CLOSE TO EDGE AS POSSIBLE.
3. DURING CONSTRUCTION ROOT CONTROL BARRIER CAN BE PLACED AGAINST THE INSIDE OF FORMS.
4. BARRIER MUST EXTEND AT LEAST 8' BELOW THE BOTTOM OF THE HARDCAPE.
5. THE RAISED ROOT REFLECTORS MUST BE FACING TOWARD THE TREE.

NOTES:

CONTRACTOR SHALL PARTIALLY FILL WITH WATER A REPRESENTATIVE NUMBER OF PITS IN EACH AREA OF THE PROJECT PRIOR TO PLANTING TO DETERMINE IF THERE IS ADEQUATE PERCOLATION. IF PIT DOESN'T PERCOLATE, MEASURES MUST BE TAKEN TO ASSURE PROPER DRAINAGE BEFORE PLANTING.

CONTRACTOR SHALL REMOVE STAKING, GUYING AND WRAP AT END OF GUARANTEE PERIOD. ALL PLANTING MUST BE GUARANTEED FOR ONE FULL GROWING SEASON FROM THE TIME OF FINAL ACCEPTANCE BY THE OWNER OR GOVERNING AUTHORITY.

5 L-20 **STREETSCAPE - ROOT BARRIER**

NOT TO SCALE

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

Botanical Name	Common Name	Percentage
<i>Sorghastrum nutans</i> , NY Ecotype	Indiangrass, NY Ecotype	31.00 %
<i>Lolium multiflorum</i>	Annual Ryegrass	20.00 %
<i>Elymus virginicus</i> , PA Ecotype	Virginia Wildrye, PA Ecotype	10.00 %
<i>Andropogon gerardii</i> , Niagara	Big Bluestem, Niagara	9.00 %
<i>Elymus canadensis</i>	Canada Wildrye	7.00 %
<i>Agrostis perennans</i> , Albany Pine Bush NY Ecotype	Albany Pine Bushgrass, Albany Pine Bush NY Ecotype	5.00 %
<i>Panicum virgatum</i> , NJ Ecotype	Switchgrass, NJ Ecotype	4.00 %
<i>Panicum clandestinum</i> , Trippa	Deertongue, Trippa	3.00 %
<i>Schizanthium scarpium</i> , Campner	Little Bluestem, Campner	2.00 %
<i>Chamaecrista fasciculata</i> , PA Ecotype	Patriot's Pls, PA Ecotype	1.50 %
<i>Echinacea purpurea</i>	Purple Coneflower	1.20 %
<i>Tridax racemosa</i>	Purpletop	1.20 %
<i>Cirsium discolorata</i>	Lanceleaf Conopsis	1.00 %
<i>Rudbeckia hirta</i> , Coastal Plain NC Ecotype	Black-eyed Susan, Coastal Plain NC Ecotype	1.00 %
<i>Heliopsis helianthoides</i> , PA Ecotype	Oweya Sunflower, PA Ecotype	0.70 %
<i>Alopecurus syntaxis</i>	Common Milweed	0.50 %
<i>Monarda fistulosa</i> , Fort Indiantown Gap PA Ecotype	Wild Bergamot, Fort Indiantown Gap PA Ecotype	0.20 %
<i>Aster laevis</i> , NY Ecotype	Smooth Blue Aster, NY Ecotype	0.10 %
<i>Aster novae-angliae</i> , PA Ecotype	New England Aster, PA Ecotype	0.10 %
<i>Geum canadense</i> , PA Ecotype	White Avena, PA Ecotype	0.10 %
<i>Liatris spicata</i> , PA Ecotype	Marsh (Dotted) Blazing Star (Spiked Gayfeather), PA	0.10 %
<i>Penstemon alpinus</i> , PA Ecotype	Tall White Beardtongue, PA Ecotype	0.10 %
<i>Pyrolanthemum tenuifolium</i>	Narrowleaf Mountainmint	0.10 %
<i>Solidago juncea</i> , PA Ecotype	Early Goldenrod, PA Ecotype	0.10 %

100.00 %

Seeding Rate: 60 lb per acre, or 1 lb per 1,000 sq ft

Erosion Control & Revegetation

The native grass and forb species tolerate poor soils typically found on steep slopes in the eastern United States. Mix formulations are subject to change without notice depending on the availability of existing and new products. While the formula may change, the guiding philosophy and function of the mix will not.

AS MFG. BY: ERNST SEEDS
8884 MERCER PIKE
MEADVILLE, PA 16335
PHONE: (800-873-3321)

6 L-20 **Basin Seed Mix**

NOT TO SCALE

- PLANT NOTES:**
1. THE CONTRACTOR SHALL FURNISH QUANTITIES NECESSARY TO COMPLETE THE PLANTING AS SHOWN ON THE PLANTING PLANS.
 2. ALL PLANTS SHALL EQUAL OR EXCEED MEASUREMENTS SPECIFIED IN THE PLANT LIST TABLE.
 - A. PLANTS SHALL BE MEASURED BEFORE PRUNING. NECESSARY PRUNING SHALL BE PERFORMED AFTER THE PLANT IS UNTIED AND PRIOR TO INSTALLATION.
 - B. LANDSCAPE ARCHITECT SHALL BE NOTIFIED OF ANY MAJOR PRUNING REQUIREMENTS DUE TO DAMAGE. THE LANDSCAPE ARCHITECT RESERVES THE RIGHT TO REJECT ANY PLANT MATERIAL THAT NEEDS SIGNIFICANT PRUNING DUE TO DAMAGE FROM SHIFMENT OR HANDLING.
 - C. WHEN FORMAL ARRANGEMENTS OR CONSECUTIVE ORDER OF TREES OR SHRUBS IS SHOWN, STOCK SHALL BE SELECTED FOR UNIFORM HEIGHT AND SPREAD AND LABELED BY NUMBER TO ASSURE SYMMETRY IN PLANTING.
 - D. WHEN ALL PLANT MATERIAL HAS BEEN SELECTED AND PRE-TAGGED BY THE LANDSCAPE ARCHITECT, THE LANDSCAPE ARCHITECT SHALL BE NOTIFIED IN ORDER TO SCHEDULE HIS NURSERY INSPECTION WITH A MINIMUM OF 5 DAYS ADVANCE NOTICE.
 - A. THE CONTRACTOR SHALL ACCOMPANY THE LANDSCAPE ARCHITECT ON ALL INSPECTIONS.
 - B. THE CONTRACTOR SHALL HAVE SUFFICIENT ALTERNATE CHOICES TO PREVENT LOSS OF TIME IN THE EVENT THAT SOME TREES FAIL TO MEET THE APPROVAL OF THE LANDSCAPE ARCHITECT.
 - C. ALL TREES MUST BE APPROVED IN THE FIELD BY THE LANDSCAPE ARCHITECT BEFORE DIGGING BEGINS.
 3. LOCATIONS OF PLANT MATERIAL SHOWN ON PLANS ARE APPROXIMATE. FINAL LOCATIONS WILL VARY FROM PLAN AND SHALL BE DETERMINED IN THE FIELD UNDER THE DIRECTION OF THE LANDSCAPE ARCHITECT.
 - A. CONTRACTOR SHALL PROVIDE PRE-MARKED COLOR-CODED FLAGS FOR ALL SHADE TREES, EVERGREEN TREES, AND FLOWERING TREES.
 - B. LANDSCAPE ARCHITECT SHALL PLACE THE COLOR-CODED FLAGS TO INDICATE PLANT LOCATIONS.
 - C. CONTRACTOR SHALL PLANT TREES ABOVE GROUND IN ACCORDANCE WITH THE FLAGGING LOCATION. THE LANDSCAPE ARCHITECT MAY REQUEST THE CONTRACTOR TO MOVE, TURN OR RELOCATE PLANT MATERIAL AT ANY TIME. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR PRE-DIG TREE PITS.
 - D. UPON FINAL APPROVAL BY THE LANDSCAPE ARCHITECT OF TREE PLACEMENT, CONTRACTOR SHALL PAINT A CIRCLE AROUND THE BALL OF THE TREE, MOVE TREE AND EXCAVATE TREE PIT.
 4. PLANTS SHALL BE TYPICAL OF THEIR SPECIES AND VARIETY; HAVE NORMAL GROWTH HABITS; WELL DEVELOPED BRANCHES; DENSELY FOLIATED; VIGOROUS ROOT SYSTEMS; BE FREE FROM DEFECTS AND INJURIES AND COMPLY WITH ANY SPECIAL INSTRUCTIONS OR REQUIREMENTS SPECIFIED IN THE PLANT LIST.
 5. PLANT MATERIAL SHALL BE PLANTED ON THE DAY OF DELIVERY. IN THE EVENT THIS IS NOT POSSIBLE, THE CONTRACTOR SHALL PROTECT PLANT STOCK WHICH HAS NOT BEEN PLANTED. PLANTS SHALL NOT REMAIN UNPLANTED FOR LONGER THAN A THREE DAY PERIOD.
 6. QUALITY, BRANCHING AND SIZE OF PLANTS, INCLUDING ROOT SIZE, SHALL BE IN ACCORDANCE WITH 'AMERICAN STANDARDS FOR NURSERY STOCK' ANSI Z60.1-2004 (MOST RECENT EDITION) AS PUBLISHED BY THE AMERICAN NURSERY AND LANDSCAPE ASSOCIATION.
 7. B&B PLANTS SHALL BE HANDLED FROM THE BOTTOM OF THE ROOT BALL ONLY. PLANTS WITH BROKEN, SPLIT OR DAMAGED ROOT BALLS SHALL BE REJECTED.
 8. ALL PLANTING BEDS SHALL BE MULCHED TO A DEPTH OF 3-4 INCHES WITH SHREDDED HARDWOOD BARK MULCH. MULCH SHOULD NOT COME INTO CONTACT WITH THE ROOT COLLAR OF TREES OR SHRUBS. THE TOP OF THE ROOT BALL FOR ALL B&B PLANTS SHALL BE EXCAVATED TO EXPOSE THE ROOT FLARE. THE ROOT FLARE SHALL BE AT THE TOP OF THE BALL AND PLANTED LEVEL OR 1" ABOVE FINISHED GRADE. ALL BEDLINES SHALL BE CUT FOUR INCHES DEEP INTO A 1" SHARPED GROOVE TO PROVIDE A WELL DEFINED EDGE. THE LAYOUT OF ALL BEDLINES SHALL BE APPROVED BY THE LANDSCAPE ARCHITECT ON-SITE PRIOR TO CUTTING.
 9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL UTILITY MARK OUTS AND COMPLIANCE WITH ALL FEDERAL, STATE OR LOCAL CODES, LAWFUL ORDERS OR REGULATIONS GOVERNING UPON THIS WORK.
 10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER INSTALLATION AND MAINTENANCE OF ALL TREE GUYS, STAKES, SUPPORTS AND MULCH RINGS OR BEDS DURING THE CONSTRUCTION AND MAINTENANCE PERIOD.
 11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY SOIL OR DRAINAGE CONDITIONS CONSIDERED DETRIMENTAL TO THE GROWTH OF THE PROPOSED PLANT MATERIAL. TREES SHALL BE PRUNED OF ANY BRANCHES THAT INTERFERE WITH PEDESTRIANS, VEHICLES OR SIGNS. SHADE TREES MUST BE SINGLE TRUNK, TREE FORM SPECIMENS. ALL PARKING LOT AND STREET TREES SHALL BE LIMBED TO A HEIGHT OF SEVEN FEET.
 12. ANY DISCREPANCY BETWEEN THE PLANS AND FIELD CONDITIONS SHALL BE RESOLVED BY THE LANDSCAPE ARCHITECT IN THE FIELD.
 13. ALL PLANTED AREAS & LAWN AREAS SHALL BE IRRIGATED WITH AN AUTOMATIC IRRIGATION SYSTEM. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ADEQUATE WATER TO PROMOTE HEALTHY PLANT MATERIAL AND SOUND HORTICULTURAL PRACTICE. IRRIGATION CONTRACTOR SHALL SUBMIT PROPOSED IRRIGATION PLANS TO LANDSCAPE ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION.
 14. PLANTING OPERATIONS SHALL BE PERFORMED DURING PERIODS WITHIN THE PLANTING SEASON WHEN WEATHER AND SOIL CONDITIONS ARE SUITABLE AND IN ACCORDANCE WITH ACCEPTABLE LOCAL PRACTICE. TREES AND SHRUBS SHOULD BE INSTALLED DURING THE FOLLOWING FALL AND SPRING SEASONS, WITH THE EXCEPTION OF TREES WHICH EXPERIENCE A FALL DIGGING HAZARD WHICH SHOULD ONLY BE PLANTED IN THE SPRING.
 15. ALL PLANT MATERIAL SHALL BE GUARANTEED FOR A MINIMUM PERIOD OF 1 YEAR FROM THE TIME OF LANDSCAPE APPROVAL BY TOWNSHIP LANDSCAPE ARCHITECT AND/OR REVIEWING AUTHORITY.

FALL	AUG. 15-DEC. 15	EVERGREEN TREES	DEC. 15-DEC. 15	DECIDUOUS TREES
SPRING	MAR. 1-MAY 15	ALL PLANTS		

FALL DIGGING HAZARD

Species	Leaf
LIRIODENDRON TULIPIFERA	WALLEN'S LEAF
CARPINUS VARIETIES	NYSSA & LATICATA
CELTIS VARIETIES	OSTRYA VARIETIES
CERDIPHYLLUM VARIETIES	FRUNUS-ALL STONE FRUITS
CRATAEGUS VARIETIES	PYRUS VARIETIES
FRAXINUS VARIETIES	QUERCUS-ALL OAKS EXCEPT Q. PALUSTRIS
HALES VARIETIES	HALIMYDIA VARIETIES
ILEX OPACA VARIETIES	TILLA TOMENTOSA VARIETIES
ALL TREES FORM EVERGREEN ILEX VARIETIES	ZELKOVA VARIETIES
LIQUIDAMBAR VARIETIES	

IRRIGATION NOTES:

1. ALL PLANTED AREAS AND LAWN SHALL BE IRRIGATED INTENSIVE AND EXTENSIVE PLANTINGS SHALL BE LINED SEPARATELY FOR THE PURPOSES OF IRRIGATION. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS PROVIDING IRRIGATION LAYOUT, DETAILS, ETC. PRIOR TO CONSTRUCTION.
2. PLANTER WALLS SHALL BE SLEEVED TO MINIMIZE PENETRATIONS THROUGH PLANTER BOTTOMS FOR IRRIGATION LINES.
3. IRRIGATION REQUIREMENTS - MEP PLANS SHALL INCLUDE A 1" IRRIGATION EXCLUSIVE WATER METER AND A 1" REDUCED-PRESSURE BACK FLOW PREVENTION DEVICE WITH A 1" ISOLATION SHUT-OFF IMMEDIATELY DOWNSTREAM OF THE BACKFLOW PREVENTER AND A 1" DRAIN IN THE PIPE TO REMOVE WATER IN THE LINE.
4. THE IRRIGATION SYSTEM WILL REQUIRE 55 PSI DYNAMIC PRESSURE AT A MAXIMUM FLOW RATE OF 20-60PM AT THE IRRIGATION CONTRACTOR'S POINT OF CONNECTION OUTSIDE OF THE BUILDING AT THE STREETSCAPE LEVEL.
5. THE POINT OF CONNECTION SHALL BE A COPPER PIPE STUBBED OUT OF THE BUILDING INTO THE PLANTING MEDIA. ONE STUB OUT SHALL BE PROVIDED FOR THE STREETSCAPE WITH MALE PIPE THREADS. THIS ALLOWS THE IRRIGATION CONTRACTOR TO THREAD A GATE VALVE TO THE COPPER PIPE OUTSIDE OF THE BUILDING. A NITRITIZATION POINT SHALL BE INSTALLED BY THE IRRIGATION CONTRACTOR IMMEDIATELY DOWNSTREAM OF THE COPPER STUB.
6. A DEDICATED 20 AMP, 120-VOLT CIRCUIT WILL BE REQUIRED TO OPERATE THE IRRIGATION CONTROLLER. THE IRRIGATION CONTROLLER WILL NEED TO BE MOUNTED WITHIN A MECHANICAL ROOM, APPROXIMATELY 10'X10' SQUARE WALL SPACE IS REQUIRED AND NEEDS TO BE PROPERLY GROUNDED. A 1/2" ELECTRICAL CONDUIT TO BE USED FOR THE 24-VOLT IRRIGATION CONTROL WIRES AND BE NEEDED TO BE ROUTED FROM THE IRRIGATION CONTROLLER AND STUBBED OUT OF THE BUILDING TO THE LOCATION OF THE WATER SUPPLY STUB OUT AT THE STREETSCAPE.

Retention Basin Floor Mix - Low Maintenance - ERNMX-126

Botanical Name	Common Name	Percentage
<i>Phacelia sibirica</i> , Fisher	As MFG. BY: ERNST SEEDS	20.00 %
<i>Panicum clandestinum</i> , Trippa	Deertongue, Trippa	19.00 %
<i>Agrostis stolonifera</i>	Creeping Bentgrass	18.00 %
<i>Elymus virginicus</i> , PA Ecotype	Virginia Wildrye, PA Ecotype	18.00 %
<i>Poa palustris</i>	Fowl Bluegrass	15.00 %
<i>Carex virginicola</i> , PA Ecotype	Fox Sedge, PA Ecotype	5.00 %
<i>Juncus effusus</i>	Soft Rush	3.00 %
<i>Carex scoparia</i> , PA Ecotype	Blunt Broom Sedge, PA Ecotype	2.00 %

100.00 %

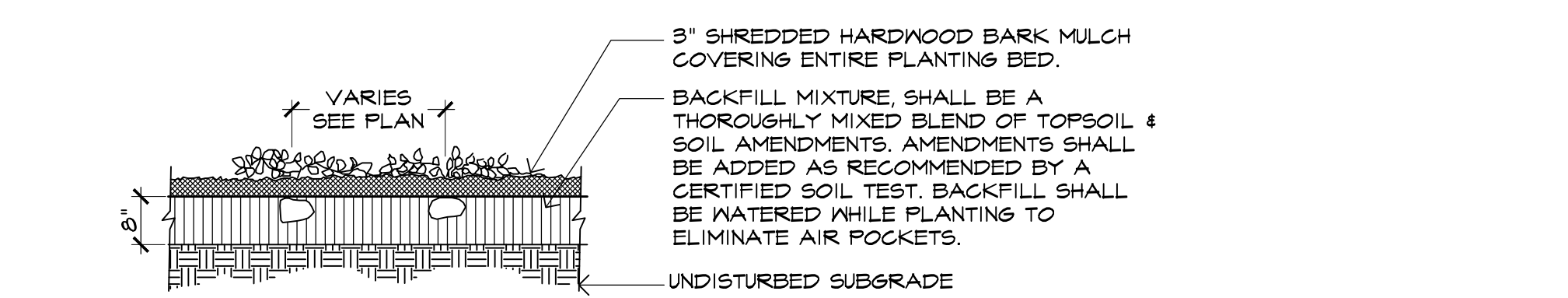
Seeding Rate: 20-40 lb per acre, or 1 lb per 1,000 sq ft

Stormwater Management

The hardy inexpensive grass and grass-like species are ideal for retention basins that may have high salt inflows and where mowing may be required. Mix formulations are subject to change without notice depending on the availability of existing and new products. While the formula may change, the guiding philosophy and function of the mix will not.

7 L-20 **Basin Bottom Seed Mix**

NOT TO SCALE



3 L-20 **STREETSCAPE - GROUNDCOVER AND PERENNIAL PLANTING**

NOT TO SCALE

VARIES SEE PLAN