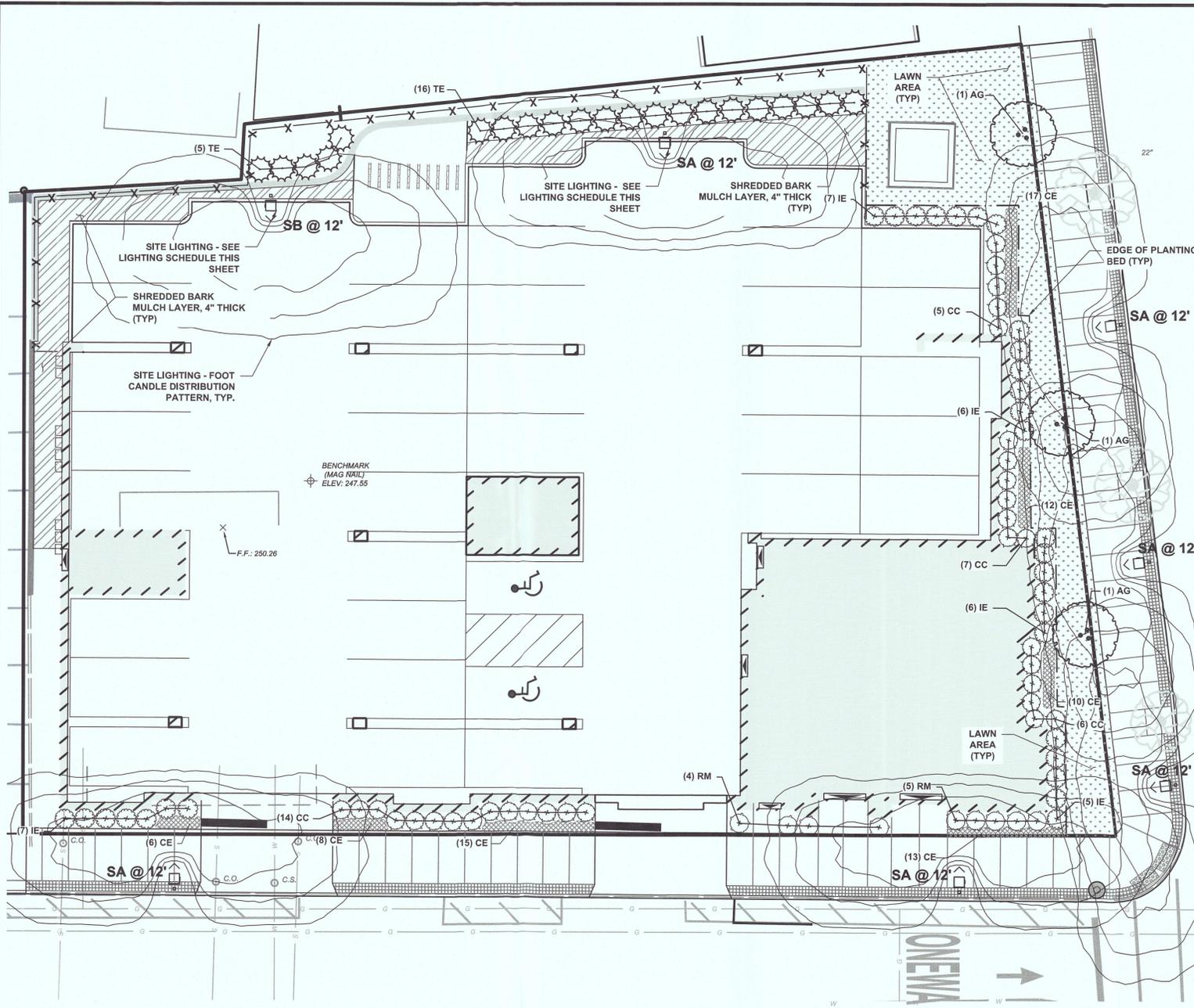


E:\SCE\Madison\11521.011 4 Community Place\Sheets\11521.011 06 Landscaping and Lighting.dwg Thu, Aug 20, 2020 - 5:03pm klemper SUBURBAN CONSULTING ENGINEERS, INC.



PLANT SCHEDULE

TREES	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER	QTY	DETAIL	
AG	Amelanchier x grandiflora 'Autumn Brilliance'	Autumn Brilliance Apple Serviceberry	2.5" Cal.	B&B	3		
TE	Thuja occidentalis 'Emerald'	Emerald Arborvitae	8-10' Ht.	B&B	21		
SHRUBS	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER	QTY	DETAIL	
CC	Clethra alnifolia 'Compact'	Compact Summersweet	2' Ht.	3 GAL.	32		
IE	Ilex glabra Strongbox TM	Inkberry Holly	2' Ht.	3 GAL.	31		
RM	Rosa shrub 'Meipreston'	Ruby Meidiland Rose	3' Ht.	5 GAL.	9		
GROUND COVERS	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER	SPACING	QTY	DETAIL
CE	Carex oshimensis 'Evergold'	Variegated Japanese Sedge	1 gal.		16" o.c.	81	

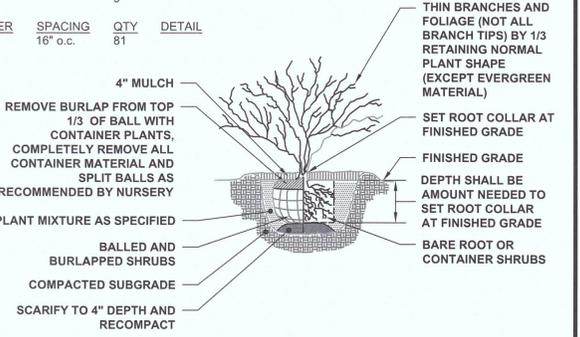
LANDSCAPE ARCHITECTURAL NOTES

- GENERAL NOTES**
- EXAMINE ALL ENGINEERING DRAWINGS AND FIELD CONDITIONS FOR SPECIFIC LOCATIONS OF UTILITIES, STRUCTURES, ETC. NOTIFY THE LANDSCAPE ARCHITECT IMMEDIATELY REGARDING ANY DISCREPANCIES OR LOCATION CONFLICTS PRIOR TO PLANTING.
 - IN THE EVENT THAT PLANT QUANTITY DISCREPANCIES OR MATERIAL OMISSIONS OCCUR IN THE PLANTING SCHEDULE, THE PLAN SHALL SUPERSEDE.
 - ALL PLANTING MATERIALS AND METHODS SHALL MEET OR EXCEED THE REQUIREMENTS OF THE LOCAL MUNICIPAL ORDINANCES AND ANSI Z-60.1 (CURRENT VERSION), THE AMERICAN STANDARD FOR NURSERY STOCK, PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMEN. IN THE EVENT OF CONFLICTS BETWEEN A.A.N. AND MUNICIPAL STANDARDS, THE MUNICIPAL REQUIREMENTS SHALL SUPERSEDE.
 - ALL LANDSCAPING SHALL BE PLANTED AS TO NOT INTERFERE WITH UTILITY LINES, SIGHT TRIANGLES, UNDERGROUND UTILITIES, OR PUBLIC WALKWAYS OR OTHER EXISTING OR PROPOSED STRUCTURES. ALL PLANT MATERIAL REQUIRED IN SIGHT DISTANCES OR SIGHT TRIANGLE SHALL NOT EXCEED A MATURE HEIGHT GREATER THAN 30" ABOVE THE ELEVATION OF THE ADJACENT ROADWAY. STREET TREES AND SHADE TREES PLANTED NEAR PEDESTRIAN OR VEHICULAR ACCESSES, OR WITHIN REQUIRED SIGHT DISTANCES OR SIGHT TRIANGLE EASEMENTS SHALL NOT BE BRANCHED ANY LOWER THAN 8'-0" ABOVE GRADE, AND MUST BE APPROPRIATELY PRUNED. NO WOODY PLANTS, EXCEPT GROUNDCOVERS, ARE TO HAVE THEIR CENTERS CLOSER THAN 36" TO THE BACK OF THE CURB.

- PLANT MATERIAL**
- NO PLANT SUBSTITUTION SHALL BE ALLOWED WITH REGARD TO SIZE, SPECIES, NAMED VARIETY OR CULTIVAR WITHOUT PRIOR PERMISSION OF THE APPROVING AUTHORITY.
 - ALL PLANTS SHALL BE DUG, PACKED, TRANSPORTED AND HANDLED WITH THE UTMOST CARE TO ENSURE ADEQUATE PROTECTION FROM INJURY DESICCATION.
 - ALL PLANTS SHALL BE FREE FROM DISEASE AND INFESTATION, AND HAVE ALL LEGALLY REQUIRED AGRICULTURAL CERTIFICATIONS.
 - ALL PLANTS SHALL BE PRUNED TO ENHANCE VIGOR PRIOR TO OR UPON INSTALLATION WHILE RETAINING NATURAL GROWTH HABIT OF THE PLANTS. THE CENTRAL LEADER SHALL NOT BE CUT; PLANTS PROVIDED IN THIS CONDITION SHALL NOT BE ACCEPTED. DAMAGED, BROKEN, OR CONFLICTING BRANCHES SHALL BE PRUNED CLEANLY, FLUSH WITH THE MAIN TRUNK OR BRANCH.
 - ALL PLANTS SHALL BE NURSERY-GROWN AND TAGGED WITH A DURABLE LABEL INDICATING THE GENUS, SPECIES AND SPECIFIED VARIETY OR CULTIVAR.

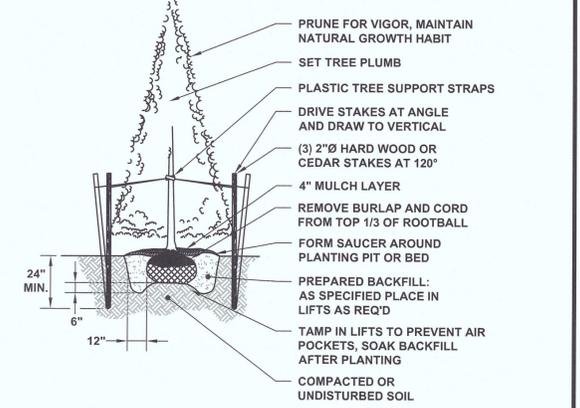
- PLANTING**
- SOIL MUST BE FROST-FREE, FRIABLE AND NOT MUDDY AT THE TIME OF PLANTING.
 - BACKFILL MATERIAL FOR PLANTING PITS SHALL BE COMPOSED OF 70% TOPSOIL, 20% FULLY COMPOSTED COW OR HORSE MANURE AND 10% PEAT MOSS. TOPSOIL SHALL MEET NJDOT STANDARD SPECIFICATIONS AND MAY BE FROM ON-SITE OR IMPORTED SOURCES. SOIL SHALL CONTAIN NO ACIDIC MARL, NOR ANY LARGE STONES.
 - PLANTS SHALL BE SET TO ULTIMATE FINISHED GRADE SO THAT THEY WILL BE LEFT IN THE RELATIONSHIP TO THE SURROUNDING GROUND AS THEY HAD, PRIOR TO BEING DUG. PLANTS SHALL BE SET SO THAT THEIR CROWNS ARE APPROXIMATELY THREE INCHES ABOVE THE FINAL GRADE WITH ROOT TOPSOIL AND MULCH GENTLY MOUND TO AVOID EXCESSIVE DRYING AT THE SURFACE. UNDER NO CIRCUMSTANCES SHALL PLANTINGS AT RELATIVELY DRY LOCATIONS BE PERFORMED IN A MOUNDING MANNER.
 - THE CORD BINDING THE BALL OF ALL BALLED AND BURLAPPED (B&B) PLANTS SHALL BE CUT AND REMOVED, AND BURLAP ON THE UPPER 1/3 OF THE ROOT BALL SHALL BE REMOVED. PLANTS WITH SYNTHETIC NON-DEGRADABLE ROOT BALL WRAPS SHALL NOT BE ACCEPTABLE.
 - ALL PROPOSED TREES SHALL BE SET IN BEDS MULCHED TO THE LIMIT OF THEIR PLANTING PITS. ALL PROPOSED SHRUBS SHALL BE SET IN CONTINUOUS MASSED PLANTING BEDS RATHER THAN ISOLATED INDIVIDUALS. ALL TREE AND SHRUB BEDS SHALL RECEIVE A 4" THICK APPLICATION OF A THOROUGHLY COMPOSTED ORGANIC MULCH, FREE OF ANY OBJECTIONABLE OR FOREIGN MATERIALS.
 - ALL FINAL LAYOUT PLANTINGS MUST BE APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.

- MAINTENANCE**
- ALL PLANTINGS SHALL BE WATERED AS NECESSARY FOR SOUND HORTICULTURAL PRACTICE DURING THE FIRST GROWING SEASON TO ENSURE THEIR PROPER ESTABLISHMENT.
 - ALL DISTURBED AREAS BEYOND THE LIMITS OF THE MULCHED PLANTING BEDS SHALL BE PERMANENTLY STABILIZED WITH TURFGRASSES PER THE SOIL EROSION AND SEDIMENT CONTROL PLANS.
 - IN GENERAL, SHRUBS ARE TO BE PLANTED AT INTERVALS WHICH WILL ALLOW THEM TO FULLY DEVELOP INTO CONTINUOUS MASSES OF THE INDIVIDUAL SPECIES. THEREFORE, NO PRUNING TO SHAPE OR SHEARING IS REQUIRED OR DESIRABLE. WHERE DEAD OR CONFLICTING BRANCHING DEVELOPS, IT SHOULD BE PRUNED OUT.



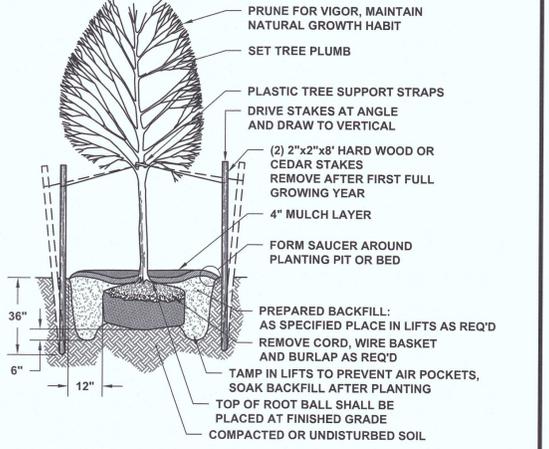
- NOTES:**
- MAINTAIN SAME GROUND LINE AS IN THE NURSERY.
 - DO NOT PRUNE EVERGREEN SHRUBS EXCEPT TO REMOVE DEAD AND BROKEN BRANCHES.

SHRUB PLANTING DETAIL
N.T.S.



NOTE: CONTRACTOR SHALL SUPPLY AND INSTALL GATOR BAGS ON ALL TREE MATERIAL.

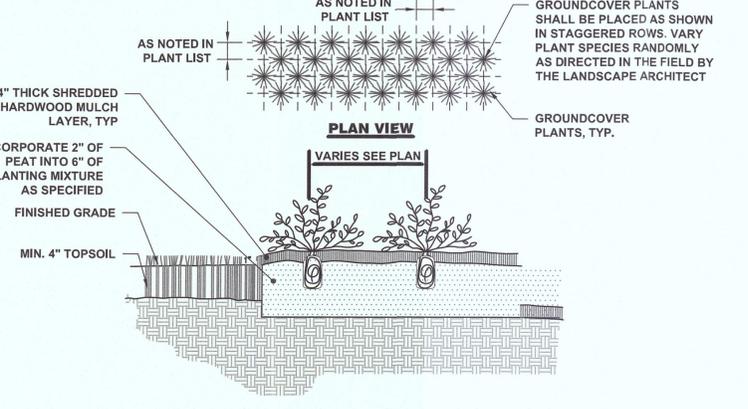
CONIFEROUS TREE PLANTING
N.T.S.



NOTE:

- CONTRACTOR SHALL SUPPLY AND INSTALL GATOR BAGS ON ALL TREE MATERIAL.

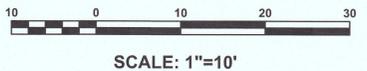
DECIDUOUS TREE PLANTING
N.T.S.



GROUNDCOVER/PERENNIAL PLANTING
N.T.S.

LIGHTING SCHEDULE

Symbol	Label	QTY	Catalog Number	Description	Lamp	Number Lamps	Filename	Lumens per Lamp	Lumen Multiplier	LLF	Wattage	Efficiency
SA	SA	6	1A-0630LED-1RND30T2-HSS MOD VERT U BLK-MDL05-CSA-PEC-FHD-MODHMA2PM-5SQ14-188-COLOR- ON 6\"/>									



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REVISIONS	DESCRIPTION	NO.	DATE	BY	CHK
A	REVISED PER RECEIVED COMMENTS		08/21/2020	KAK	CJS

DRAWN BY: CWF
05/14/2020
CHECKED BY: CJS
05/14/2020

JOSEPH D. PERELLO, LLA
NJ LICENSED LANDSCAPE ARCHITECT
LICENSE NO. 21A80006600

DATE: 05/14/2020

SC E SUBURBAN CONSULTING ENGINEERS, INC.

COA NO. 24CA28037500
45100004800

- Civil Engineers - Municipal Engineers -
- Landscape Architects -
- Planners - Environmentalists - Land Surveyors -

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Flanders, N.J. 07836 - 973.398.1776 Wall, N.J. 08736 - 732.282.1776

EXCELLENCE ♦ ECONOMY ♦ ENVIRONMENT

PRELIMINARY AND FINAL MAJOR SITE PLAN FOR PARK VALLEY DEVELOPMENT
No. 4 COMMUNITY PLACE, BLOCK 1501 LOT 4
BOROUGH OF MADISON, COUNTY OF MORRIS, STATE OF NEW JERSEY

PROJECT NUMBER: SCE-11521.011
SCALE: 1" = 10'
SHEET 6 OF 10
REVISION A

LANDSCAPING AND LIGHTING PLAN