

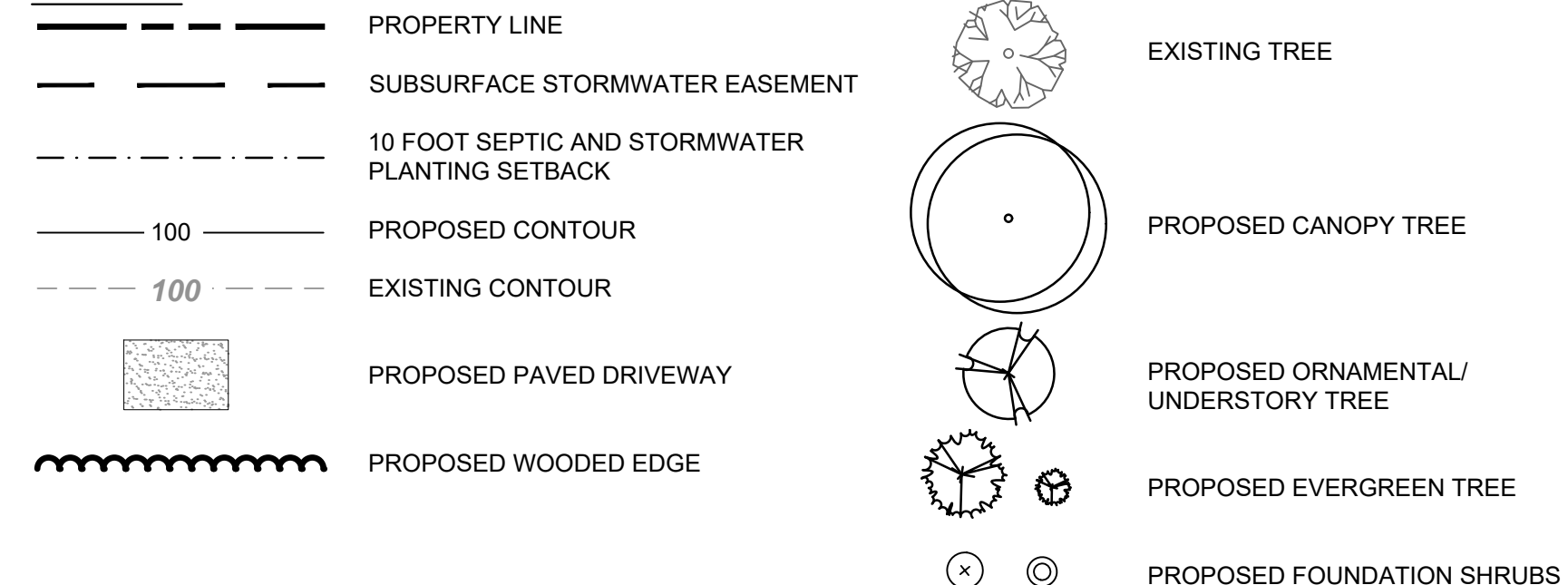
TREE SCHEDULE										
SYMBOL	QTY.	COMMON NAME	BOTANICAL NAME	CAL. OR HT.	ROOT CONDITION	EST. HT. AT PLANTING	EST. ANNUAL GROWTH RATE	EST. HT. AFTER 5 YEARS	EST. HT. AFTER 10 YEARS	
CANOPY TREES										
AR	10	OCTOBER GLORY RED MAPLE	<i>ACER RUBRUM 'OCTOBER GLORY'</i>	3"-3.5"	B&B	14'-16' HT. [1]	24"-60" [3]	25'-40' HT.	35'-65' HT.	
AS	8	GREEN MOUNTAIN SUGAR MAPLE	<i>ACER SACCHARUM 'GREEN MOUNTAIN'</i>	3"-3.5"	B&B	9'-15' HT. [1]	12"-24" [4]	15'-25' HT.	20'-35' HT.	
GT	7	SHADEMASTER HONEYLOCUST	<i>GLEDITSIA TRIACANTHOS 'SHADEMASTER'</i>	3"-3.5"	B&B	14'-16' HT. [1]	24"+ [4]	25'-30'+ HT.	35'-40'+ HT.	
LS	6	SWEETGUM	<i>LIQUIDAMBAR STYRACIFLUA</i>	3"-3.5"	B&B	9'-15' HT. [1]	13"-24"+ [4]	15'-25'+ HT.	20'-35'+ HT.	
QR	5	NORTHERN RED OAK	<i>QUERCUS RUBRA</i>	3"-3.5"	B&B	14'-16' HT. [1]	24"+ [3]	25'-30'+ HT.	35'-40'+ HT.	
ORNAMENTAL/UNDERSTORY TREES										
CPH	13	WASHINGTON HAWTHORN	<i>CRATAEGUS PHAENOPYRUM</i>	3"-3.5"	B&B	12'-14' [2]	13"-24" [4]	15'-25' HT.	20'-30' HT.	
CF	16	FLOWERING DOGWOOD	<i>CORNUS FLORIDA</i>	3"-3.5"	B&B	14'-16' [2]	13"-24" [4]	20'-25' HT.	25'-30' HT.	
MS	5	ROYAL STAR STAR MAGNOLIA	<i>MAGNOLIA STELLATA 'ROYAL STAR'</i>	5'-6'	B&B	5'-6'	N/A	N/A	N/A	
EVERGREEN TREES										
CP-S	51	ATLANTIC WHITE CEDAR	<i>CHAMAECYPARIS THYOIDES</i>	#7 GAL.	CONT.	4'-6' [2]	12" [3]	10'-15' HT.	15'-20' HT.	
IO	15	AMERICAN HOLLY	<i>ILEX OPACA</i>	7'-8'	B&B	7'-8'	12"-24" [4]	10'-20' HT.	20'-30' HT.	
PG	22	BLACK HILLS SPRUCE	<i>PICEA GLAUCA VAR. DENSATA</i>	7'-8'	B&B	7'-8'	12" [4]	10'-15' HT.	15'-20' HT.	
TP	19	GREEN GIANT ARBORVITAE	<i>THUJA PLICATA 'GREEN GIANT'</i>	7'-8'	B&B	7'-8'	24"-36" [3]	15'-20' HT.	25'-40' HT.	
TREE TOTAL	177									

[1] EST. HEIGHT RANGE BASED ON CALIPER FROM AMERICANHORT ANSI Z60.1-2014 AMERICAN STANDARD FOR NURSERY STOCK
 [2] EST. HEIGHT RANGE BASED ON LOCAL NURSERY STOCK AVAILABILITY
 [3] EST. GROWTH RATE FROM USDA/NRCS PLANT FACT SHEETS, plants.usda.gov/java/factSheet
 [4] EST. GROWTH RATE FROM ARBOR DAY FOUNDATION, arboraday.org/trees

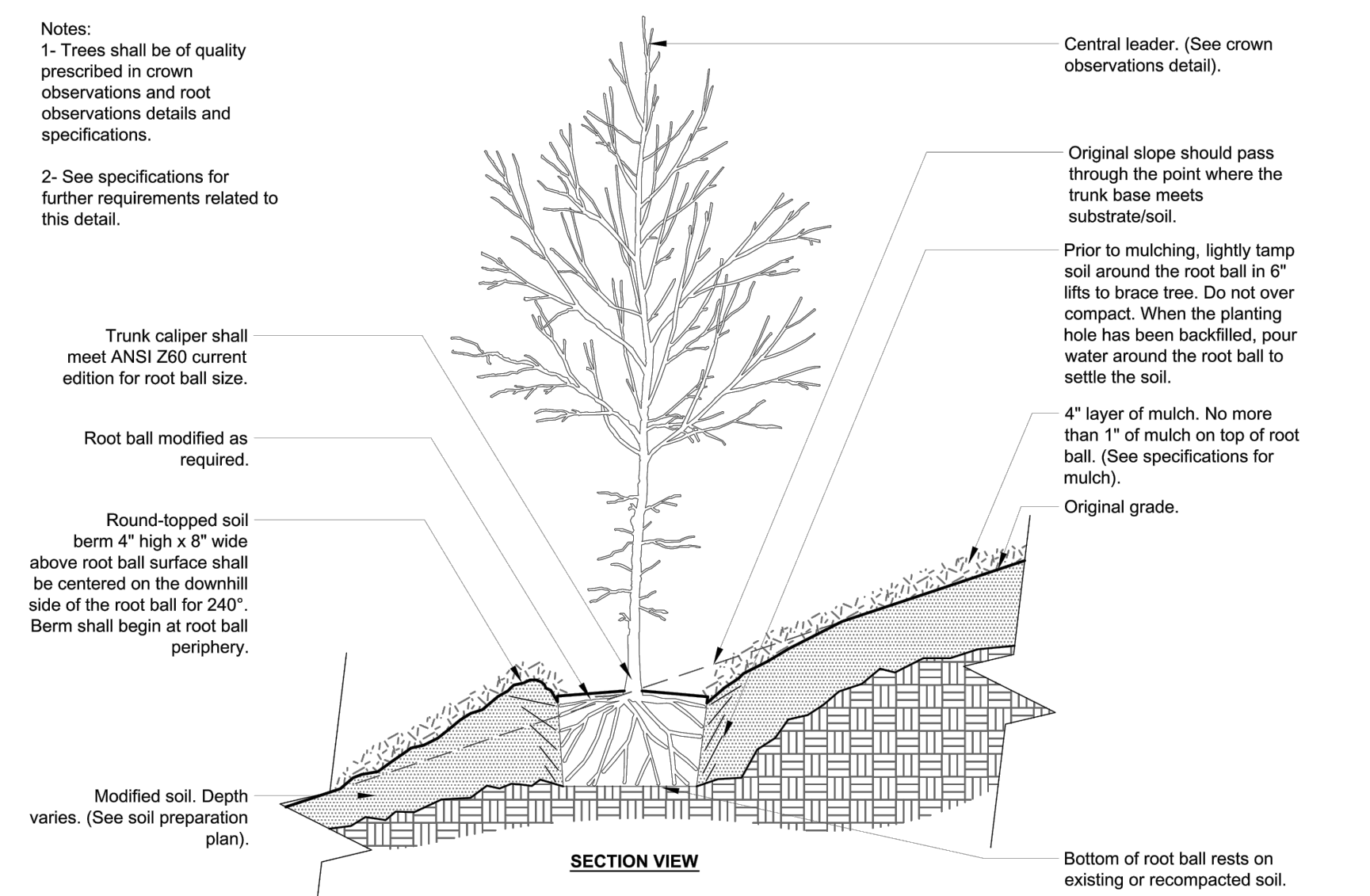
LANDSCAPING NOTES

1. ALL PLANT MATERIALS SHALL BE OF NURSERY STOCK AND SHALL BE OF SYMMETRICAL GROWTH, FREE OF INSECTS, PESTS AND DISEASE. THE OWNER OR HIS REPRESENTATIVE RESERVES THE RIGHT TO INSPECT AND APPROVE ALL PLANT MATERIALS AND REJECT ANY PLANTS FOUND TO BE UNACCEPTABLE.
2. COORDINATE ALL TREE LOCATIONS WITH SITE LIGHTING AND DRAINAGE STRUCTURES. ALL PLANTINGS TO BE KEPT 8' AWAY FROM ANY DRAINAGE STRUCTURE.
3. DAMAGE TO EXISTING OR NEW WORK BY CONTRACTOR SHALL BE REPAIRED AT HIS EXPENSE.
4. CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH ALL UNDERGROUND UTILITIES AND NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCIES OR CONFLICTS PRIOR TO THE SUBMISSION OF BIDS.
5. REFER TO MECHANICAL AND SITE DRAWINGS FOR UTILITY INFORMATION. CONTRACTOR SHALL VERIFY PLANT LIST QUANTITIES INDICATED ON PLANS AND NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCIES IN QUANTITIES PRIOR TO SUBMISSION OF BIDS.
6. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY WITH REGARDS TO THE CARTING, STORING AND PLANTING OF MATERIALS TO PROTECT ADJACENT PAVEMENT AREAS.
7. PLANT MATERIALS SHALL BE MAINTAINED BEFORE, DURING AND AFTER IN THE BEST HORTICULTURAL CONDITION. CONTRACTOR SHALL PRUNE ALL DEAD OR DISEASED LIMBS, BRANCHES AND CANES FROM EXISTING DECIDUOUS AND CONIFEROUS TREES. METHODS SHALL REFLECT BEST HORTICULTURAL PRACTICES AS OUTLINED IN THE AMERICAN NURSERYMEN ASSOCIATION CERTIFICATION AND STANDARDS LATEST EDITION.
8. THE CONTRACTOR SHALL ENSURE THAT ALL PLANT MATERIALS SHALL ARRIVE AT THE SITE WITH ROOT BALL AND BURLAP INTACT.
9. THE CONTRACTOR SHALL PRUNE ALL NEW MATERIAL REMOVING APPROXIMATELY ONE-THIRD OF THE GROWTH AND REMOVE ALL DEAD AND BROKEN CANES AND BRANCHES. GRADE NEW PLANTING AREAS TO MAINTAIN THE EXISTING DRAINAGE PATTERN.
10. ALL TOPSOIL SHALL BE PER NJDEP REQUIREMENTS. SEE NOTES ON E&S PLAN
11. THE CONTRACTOR SHALL INSTALL ALL PLANT MATERIALS PER THE PLANTING DETAILS.
12. THE CONTRACTOR SHALL REPLACE ANY PLANT MATERIALS WITHIN ONE GROWING SEASON FOR PLANT MATERIALS THAT ARE NO LONGER VIABLE
13. ALL PLANT HOLES SHALL BE BACKFILLED WITH A MIXTURE OF 3 PARTS TOPSOIL TO 1 PART PEATMOSS UNLESS SPECIFIED ON PLAN ALL PLANTING BEDS TO BE MULCHED WITH 4 INCHES CLEAN FRESH SHREDED HARDWOOD BARK, FREE OF STICKS, LEAVES AND OTHER FOREIGN MATERIALS.
14. ALL PLANT MATERIAL SHALL CONFORM TO THE HORTICULTURAL STANDARDS AS SET FORTH BY THE AMERICAN NURSERYMEN AND LANDSCAPING ASSOCIATION (ANLA 2000). CONTRACTOR SHALL REMOVE ALL NON-BIODEGRADABLE ROOT WRAPPING PRIOR TO PLANTING.
15. TOPSOIL AND SEED ALL DISTURBED AREAS AS A RESULT OF ANY AND ALL CONSTRUCTION OR AREAS OF EQUIPMENT STORAGE EQUIPMENT. CONTRACTOR SHALL FIELD VERIFY AREAS OF SEEDING. PROVIDE TOPSOIL TO 6" DEPTH IN ALL LAWN AREA AND 20" DEPTH IN SHRUB BEDS AND GARDEN.
16. ALL REMAINING DISTURBED AREAS SHALL BE SEEDING UNLESS NOTED OTHERWISE. SEE SEEDING PREPARATION NOTES. ALL LAWN AREAS TO BE FERTILIZED PRIOR TO FINAL SEEDING WITH A 10-6-4 FERTILIZER AT THE RATE OF 20 LBS/1000 SF. IN TWO APPLICATIONS.
17. ALL LANDSCAPE PLANS SHALL PROVIDE A TWO (2) YEAR REPLACEMENT GUARANTEE FOR ALL NEW PLANTINGS AND ALL EXISTING TREES AND OTHER VEGETATION TO BE RETAINED AFTER CONSTRUCTION.
18. ALL LANDSCAPE PLANS SHALL BE SUBJECT TO A POSTDEVELOPMENT INSPECTION BY THE TOWNSHIP PLANNER AND/OR ENGINEER AND A REPRESENTATIVE OF THE APPROVING AUTHORITY.

LEGEND



STEEP SLOPE TREE DETAIL



140 WEST MAIN STREET HIGH BRIDGE, NJ 08829
 PH. 908-238-0544 FAX. 908-238-9572
 A PROFESSIONAL ASSOCIATION
 CERTIFICATE OF AUTHORIZATION NO.: 24GA28021500 EXP. 8/31/2022

NO.	REVISIONS	BY	DATE
5	LANDSCAPE REVISIONS	PAM	04/01/21
4	PER TOWNSHIP ENGINEER	KFO	12/15/20
3	PER TOWNSHIP ENGINEER	CBR	06/05/20
2	PER TOWNSHIP COMMENTS	MMS	02/04/19
1	PER TOWNSHIP COMMENTS	MMS	09/07/18

EDWARD D. CONFAIR
 PROFESSIONAL LANDSCAPE ARCHITECT
 NJ P.L.A. #21AS00123600

PROJECT: MAJOR SUBDIVISION PLAN FOR MARIO PARISI
 BLOCK 13302, LOT 16.01
 DELAWARE AVENUE
 LONG HILL TOWNSHIP
 MORRIS COUNTY NEW JERSEY

TITLE: LANDSCAPE PLAN

JOB NO.:	0115210	DRAWING NO.:	15 23
SCALE:	1"=30'		
DESIGNED:	MMS		
CHECKED:	CN		
FILENAME:	07_PLANTING.DWG		
DATE:	09/22/2017		