PLANTING NOTES

1. THE CONTRACTOR SHALL PROVIDE ALL MATERIALS, LABOR AND EQUIPMENT TO COMPLETE ALL LANDSCAPE WORK AS SHOWN ON THE PLANS AND SUPPORTING TEXT.

2. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND BASE INFORMATION PRIOR TO INITIATING PLANTING INSTALLATION. ALL EXISTING PLANTING SHALL REMAIN INTACT AND UNDISTURBED UNLESS OTHERWISE NOTED ON THE PLANS.

3. CONTRACTOR SHALL NOTIFY ALL NECESSARY UTILITY COMPANIES 48 HOURS MINIMUM PRIOR TO DIGGING FOR VERIFICATION OF ALL UNDERGROUND UTILITIES, IRRIGATION AND OTHER ELEMENTS AND COORDINATE WITH THE OWNER'S REPRESENTATIVE PRIOR TO INITIATING OPERATIONS. DRAWINGS ARE PREPARED ACCORDING TO THE BEST INFORMATION AVAILABLE AT THE TIME OF PREPARING THESE DOCUMENTS.

4. CONTRACTOR SHALL FAMILIARIZE HIMSELF/ HERSELF WITH EXISTING SITE CONDITIONS PRIOR TO INITIATING CONSTRUCTION. ALL EXISTING ROADS, PARKING LOTS, CURBS, UTILITIES, SEWERS AND OTHER ELEMENTS TO REMAIN SHALL BE FULLY PROTECTED FROM ANY DAMAGE UNLESS OTHERWISE NOTED.

5. UNLESS OTHERWISE NOTED, LIMITS OF CONSTRUCTION ARE THE CLEARING LIMITS AS DETERMINED BY THE OWNER.

6. IN THE EVENT OF A DISCREPANCY BETWEEN THE PLANT QUANTITIES SHOWN ON THE PLAN AND QUANTITIES SHOWN ON THE PLANT LIST, THE QUANTITIES ON THE PLAN SHALL APPLY. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL PLANT QUANTITIES PRIOR TO THE COMMENCEMENT OF WORK. SEED OR SOD QUANTITY TAKEOFFS ARE THE RESPONSIBILITY OF THE CONTRACTOR. ALL DISCREPANCIES SHALL BE REPORTED TO THE LANDSCAPE ARCHITECT AND OWNER'S REPRESENTATIVE PRIOR TO BED PREPARATION.

7. LANDSCAPE CONTRACTOR SHALL COORDINATE ALL WORK WITH RELATED CONTRACTORS AND WITH THE GENERAL CONSTRUCTION OF THE PROJECT IN ORDER NOT TO IMPEDE THE PROGRESS OF THE WORK OF OTHERS OR THE CONTRACTOR'S OWN WORK.

8. CONTRACTOR SHALL BE RESPONSIBLE TO REPLACE ALL PORTIONS OF EXISTING LAWN AREAS DAMAGED WHILE COMPLETING PLANTING INSTALLATION WITH SOD CONTAINING THE SAME GRASS SPECIES TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE.

9. CONTRACTOR SHALL BEAR ALL COSTS OF TESTING OF SOILS, AMENDMENTS, ETC. ASSOCIATED WITH THE WORK AND INCLUDED IN THE SPECIFICATIONS. PRIOR TO COMMENCEMENT OF THE LANDSCAPE PLANTING WORK. THE CONTRACTOR SHALL PROVIDE COMPLETE SOIL TESTS FOR AT LEAST TWO ON-SITE AREAS.

10. ALL PLANT MATERIAL SHALL BE IN FULL AND STRICT ACCORDANCE WITH THE "AMERICAN STANDARDS FOR NURSERY STOCK" PROCEDURES AND SPECIFICATIONS AS PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMEN (AAN). PLANT MATERIALS SHALL EXCEED IN SOME INSTANCES SOME SPECIFICATIONS IF NECESSARY TO MEET THE MINIMUM REQUIREMENTS OF OTHERS. ANY PLANT MATERIAL EXHIBITING A SPINDLY OR LOPSIDED HABIT OR ANY OTHER FEATURE THAT DETRACTS FROM ITS HEALTH OR APPEARANCE WILL BE REJECTED.

11. ALL SHADE TREES SHALL HAVE SIX FEET (6') CLEAR TRUNK UNLESS OTHERWISE SPECIFIED. CLEAR TRUNK IS NOT REQUIRED FOR FLOWERING TREES/ ORNAMENTALS.

12. ALL CONTAINER SIZES NOTED ON PLANT LIST ARE MINIMUM. INCREASE SIZE IF NECESSARY TO CONFORM TO PLANT SIZE AND SPECIFICATIONS.

13. ALL TREE CALIPER SIZES NOTED ON PLANT LIST ARE MINIMUM. INCREASE SIZE IF NECESSARY TO CONFORM TO PLANT SIZE AND SPECIFICATIONS.

14. ANY TREES WITH A TRUNK FORMED "V" SHAPE CROTCH WILL BE REJECTED.

15. EROSION CONTROL FABRIC SHALL BE INSTALLED IN ALL SHRUB AND GROUND COVER PLANTING AREAS AS PER SPECIFICATIONS FOR ALL SLOPES THAT EXCEED 3:1. SEE CIVIL ENGINEER'S GRADING PLANS FOR LOCATION OF SLOPES GREATER THAN 3:1.

16. TYPICALLY, SHRUB AND GROUND COVER PLANTINGS ARE SHOWN AS MASS PLANTING BEDS. PLANTS SHALL BE PLACED ON A TRIANGULAR SPACING CONFIGURATION (STAGGERED SPACING). PLANT CENTER TO CENTER DIMENSIONS (O.C.) ARE LISTED UNDER "COMMENTS" ON THE PLANT LIST.

17. LANDSCAPE CONTRACTOR SHALL FIELD STAKE THE LOCATION OF ALL PLANT MATERIAL PRIOR TO INITIATING INSTALLATION FOR THE REVIEW AND APPROVAL OF THE OWNER'S REPRESENTATIVE AND/ OR LANDSCAPE ARCHITECT.

18. LANDSCAPE CONTRACTOR SHALL FIELD ADJUST LOCATIONS OF PLANT MATERIAL AS NECESSARY TO AVOID DAMAGE TO EXISTING UNDERGROUND UTILITIES AND /OR EXISTING ABOVE GROUND ELEMENTS. ALL CHANGES REQUIRED SHALL BE COMPLETED AT THE CONTRACTOR'S EXPENSE AND SHALL BE COORDINATED WITH THE OWNER'S REPRESENTATIVE AND THE LANDSCAPE ARCHITECT.

19. ANY SUBSTITUTIONS IN SIZE AND/OR PLANT MATERIAL MUST BE APPROVED BY LANDSCAPE ARCHITECT AND/OR OWNER'S REPRESENTATIVE BEFORE PLANTING CAN BEGIN.

20. LANDSCAPE CONTRACTOR SHALL COORDINATE ALL PLANTING WORK WITH IRRIGATION WORK WHEN NECESSARY. LANDSCAPE CONTRACTOR SHALL HAVE A WARRANTY.

21. LANDSCAPE CONTRACTOR SHALL CLEAN THE WORK AREAS AT THE END OF EACH WORKING DAY. RUBBISH AND DEBRIS SHALL BE COLLECTED AND DEPOSITED OFF-SITE DAILY. ALL MATERIALS, PRODUCTS AND EQUIPMENT SHALL BE STORED IN AN ORGANIZED FASHION AS DIRECTED BY THE OWNER'S REPRESENTATIVE.

22. LANDSCAPE CONTRACTOR SHALL REGARD ALL AREAS DISTURBED BY PLANT REMOVAL, RELOCATION AND/OR INSTALLATION WORK. LANDSCAPE CONTRACTOR SHALL REPLACE (BY EQUAL SIZE AND QUALITY) ANY AND ALL EXISTING PLANT MATERIAL DISTURBED OR DAMAGED BY PLANT REMOVAL, RELOCATION AND/OR INSTALLATION.

23. ALL DUG PLANT MATERIAL SHALL HAVE BEEN DUG BEFORE BUD BREAK OR AFTER LEAF MATURATION. ANY PLANT MATERIAL EXHIBITING DROOPING NEW GROWTH WITHIN TWO (2) WEEKS OF BEING PLANTED WILL BE REJECTED AND MUST BE REMOVED FROM THE JOB AND REPLACED AT NO COST TO THE OWNER. DUG PLANTS SHALL BE DUG WITH A FIRM, NATURAL ROOT BALL.

24. SITE PREPARATION: IT SHALL BE THE GENERAL CONTRACTOR'S RESPONSIBILITY TO PRESENT "CLEAN" SOIL CONDITIONS TO THE LANDSCAPE CONTRACTOR PRIOR TO ANY LANDSCAPE INSTALLATION. "CLEAN" MAY INCLUDE ON-SITE SOIL BUT MUST BE FREE OF PAVEMENT MATERIALS, MUD ROOT SYSTEMS, PETROLEUM OR OTHER CHEMICAL SUBSTANCES, CONSTRUCTION DEBRIS AND ALL OTHER MATERIALS.

25. NO PLANTS SHALL BE PLANTED IN SITUATIONS THAT SHOW OBVIOUS POOR DRAINAGE. SUCH SITUATIONS SHALL IMMEDIATELY BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT AND OWNER, AND IF THEY DEEM NECESSARY, THE PLANTS SHALL BE RELOCATED OR THE CONTRACT SHALL BE ADJUSTED TO ALLOW DRAINAGE CORRECTION AT A NEGOTIATED COST.

26. ALL PLANT BEDS AND TREE PITS SHALL HAVE A GRANULAR PRE-EMERGENT WEED CONTROL APPLIED PER MANUFACTURER'S RECOMMENDATIONS PRIOR TO MULCHING. EDGING SHALL BE USED TO CREATE A CLEAN EDGE BETWEEN ALL PLANTING BEDS AND LAWN AREAS.

27. AMENDED SOIL FOR PLANTING BEDS AND TREE PITS SHALL BE 40% EXISTING SOIL, 40% TOPSOIL, 10% MASONRY SAND AND 10% ORGANIC MATTER. ORGANIC MATTER CAN BE LEAF MOLD OR ORGANIC PINE FINES, BUT SHALL NOT INCLUDE HEAVY METALS. AMENDED SOIL PH SHALL BE ADJUSTED TO BE BETWEEN 6.5 AND 5.5 PH REQUIREMENTS. INCORPORATE 1 OZ. OF VITERRA GELSCAPE GRANULAR POLYMER PER CALIPER INCH FOR TREES AND 1/2 POUND PER 100 SQ. FT. FOR TURF AREAS IN THE TOP 2-3". MANF. BY AMEREQ (800)832-8788. ALSO INCORPORATE ENDO AND ECTOMYCORRHIZAL FUNGI PACKETS PER MANUFACTURER'S RECOMMENDATIONS (MANUFACTURER HORTICULTURAL ALLIANCE, INC., 800-628-6373).

28. THE FOLLOWING MINIMUM DEPTH OF AMENDED PLANTING SOIL SHALL ALLOW FOR SETTLING: 24" WHERE TREES ARE PROPOSED, 12" WHERE SHRUBS ARE PROPOSED AND 6" WHERE GROUNDCOVER IS PROPOSED.

29. PLANTING SHALL NOT BE STARTED UNTIL FINAL SUB GRADE HAS BEEN ESTABLISHED AND APPROVED BY THE LANDSCAPE ARCHITECT. UNDER NO CONDITION SHALL WORK BE DONE IF THE SOIL CONDITIONS ARE NOT SATISFACTORY OR WIND VELOCITY IS MORE THAN 30 MILES PER HOUR.

30. PLACE PLANTS FOR BEST APPEARANCE FOR REVIEW AND FINAL ORIENTATION BY LANDSCAPE ARCHITECT. ALL PLANTS BEDS SHALL BE CONTAINED WITH A 4" DEEP SPADED EDGE UNLESS OTHERWISE NOTED ON DRAWINGS OR SPECIFICATIONS. ALL PLANT BEDS AND PLANTING AREAS TO BE MULCHED TO A DEPTH OF 3" UNLESS OTHERWISE NOTED ON DRAWINGS.

31. MAINTAIN PLANT LIFE IMMEDIATELY AFTER PLACEMENT, CONTINUE MAINTENANCE UNTIL TERMINATION OF WARRANTY. MAINTENANCE TO INCLUDE WEEDING, APPLICATION OF HERBICIDES (REMEDY DAMAGE RESULTING FROM HERBICIDES), WATERING, TRIMMING AND PRUNING, DISEASE CONTROL AND MAINTENANCE AND REMOVAL OF PLANT BRACING EQUIPMENT.

32. IT WILL BE THE LANDSCAPE CONTRACTOR'S RESPONSIBILITY TO SUPPLY WATER IF THERE IS NONE ON SITE. COST OF WATER SHOULD BE INCLUDED AS LINE ITEM IN THE BID. FOR PROJECTS PLANTED DURING SUMMER MONTHS (JUNE 15TH - AUGUST 30TH), THE CONTRACTOR SHALL PROVIDE ONE 25-GALLON TREE GATOR WATERING BAG WITH EACH TREE. PROVISIONS SHALL BE MADE TO KEEP THE BAGS FULL DURING THE SUMMER MONTHS.

33. PROVIDE A WARRANTY ON ALL WORK FOR A MINIMUM OF TWO YEARS INCLUDING ONE CONTINUOUS GROWING SEASON. COMMENCE WARRANTY ON THE DATE IDENTIFIED IN THE CERTIFICATE OF SUBSTANTIAL COMPLETION. WARRANTY TO INCLUDE COVERAGE OF PLANTS FROM DEATH OR PLANT MATERIAL WHICH DECLINES TO LESS THAN 75% OF ITS ORIGINAL HABIT OR CONDITION. REPLACEMENT PLANTS SHALL BE THE SAME QUALITY, SIZE AND SPECIES AS SPECIFIED AND PLANTED IN THE NEXT GROWING SEASON WITH A NEW WARRANTY COMMENCING WITH THE DATE OF REPLACEMENT

34. TREE PROTECTION FENCES WILL BE INSTALLED AROUND THE DRIPLINE OF ANY EXISTING WOODLAND STAND.

35. ALL PLANTING WILL BE CARRIED OUT BETWEEN MARCH 15TH TO APRIL 15TH & SEPTEMBER 1ST TO NOVEMBER 30TH.

PLANTING SCHEDULE

EVERGREEN TREES	**QTY.**	**BOTANICAL NAME**	**COMMON NAME**	**SIZE**		**NOTES**
IN	21	*Ilex x `Nellie R Stevens`*	Nellie Stevens Holly	10'-12' O.A. HT.		B&B, full plant
JV	30	*Juniperus virginiana `Taylor`*	Taylor Juniper	16'-18' O.A. HT.		B&B, full plant
PP	8	*Picea pungens `Glauca`*	Colorado Blue Spruce	12'-14' O.A. HT.		B&B, full plant
PR	2	*Pinus rigida*	Pitch Pine	12'-14' O.A. HT.		B&B, full plant
PS	11	*Pinus strobus*	White Pine	12'-14' O.A. HT.		B&B, full plant
PV	2	*Pinus virginiana*	Virginia Pine	12'-14' O.A. HT.		B&B, full plant
TS	113	*Thuja standishii x plicata `Green Giant`*	Green Giant Arborvitae	12'-14' O.A. HT.		B&B, full plant
FLOWERING TREES	**QTY.**	**BOTANICAL NAME**	**COMMON NAME**	**SIZE**		**NOTES**
LI	11	*Lagerstroemia indica `Muskogee`*	Muskogee Crape Myrtle	8'-10' O.A. HT		B&B, full plant
SHRUBS	**QTY.**	**BOTANICAL NAME**	**COMMON NAME**	**MIN. CONT.**		**NOTES**
ILG	116	*Ilex glabra*	Inkberry Holly	3' O.A.		Full plant, 5 gal. min. cont.
PRL	207	*Prunus laurocerasus `Otto Luyken`*	Luykens Laurel	3' O.A.		Full plant, 5 gal. min. cont.
SHRUB AREAS	**QTY.**	**BOTANICAL NAME**	**COMMON NAME**	**SIZE**	**SPCG.**	**NOTES**
CHP	350	*Chamaecyparis pisifera `Golden Mop`*	Golden Mop False Cypress	1' HT. x 3' SPD.	36" o.c.	Full plant, 3 gal. min. cont.
JCG	45	*Juniperus communis `Green Carpet`*	Green Carpet Juniper	1' HT. x 3' SPD.	36" o.c.	Full plant, 3 gal. min. cont.
JCD	260	*Juniperus communis var. depressa `ReeDak`*	Copper Delight Juniper	6" HT. x 2' SPD.	24" o.c.	Full plant, 3 gal. min. cont.
JUC	1154	*Juniperus conferta `Blue Pacific`*	Blue Pacific Juniper	6" HT. x 2' SPD.	18" o.c.	Full plant, 3 gal. min. cont.
JUS	207	*Juniperus squamata `Blue Star`*	Blue Star Juniper	1' HT. x 3' SPD.	18" o.c.	Full plant, 3 gal. min. cont.
ORNAMENTAL GRASSES	**QTY.**	**BOTANICAL NAME**	**COMMON NAME**	**SIZE**	**SPCG.**	**NOTES**
HAM	210	*Hakonechloa macra `Aureola`*	Golden Variegated Hakonechloa	18" O.A.	36" o.c.	Full plant, 1 gal. min. cont.
PAV	38	*Panicum virgatum `Shenandoah`*	Shenandoah Switch Grass	24" O.A.	36" o.c.	Full plant, 1 gal. min. cont.
PEA	34	*Pennisetum alopecuroides `Hameln`*	Dwarf Fountain Grass	18" O.A.	36" o.c.	Full plant, 1 gal. min. cont.
GROUND COVERS	**QTY.**		**COMMON NAME**	**SIZE**	**SPCG.**	**NOTES**
ANN	539		Local Annuals	6" pot	8" o.c.	Full plant
GAP	295	Gaultheria procumbens 'Very Berry'	Wintergreen	12" SPD.	18" o.c.	Full plant, 1 gal. min. cont.

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ISSUE

CAFRA & NJCRDA SUBMISSION - 2017 12 01

REVISIONS

No.	Date	Description

DRAWING TITLE:
PLANTING NOTES & SCHEDULE

DRAWN BY: EDSA

SCALE:

DATE: 2017.12.01

PROJECT NO.: 17013

DRAWING NO.:

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