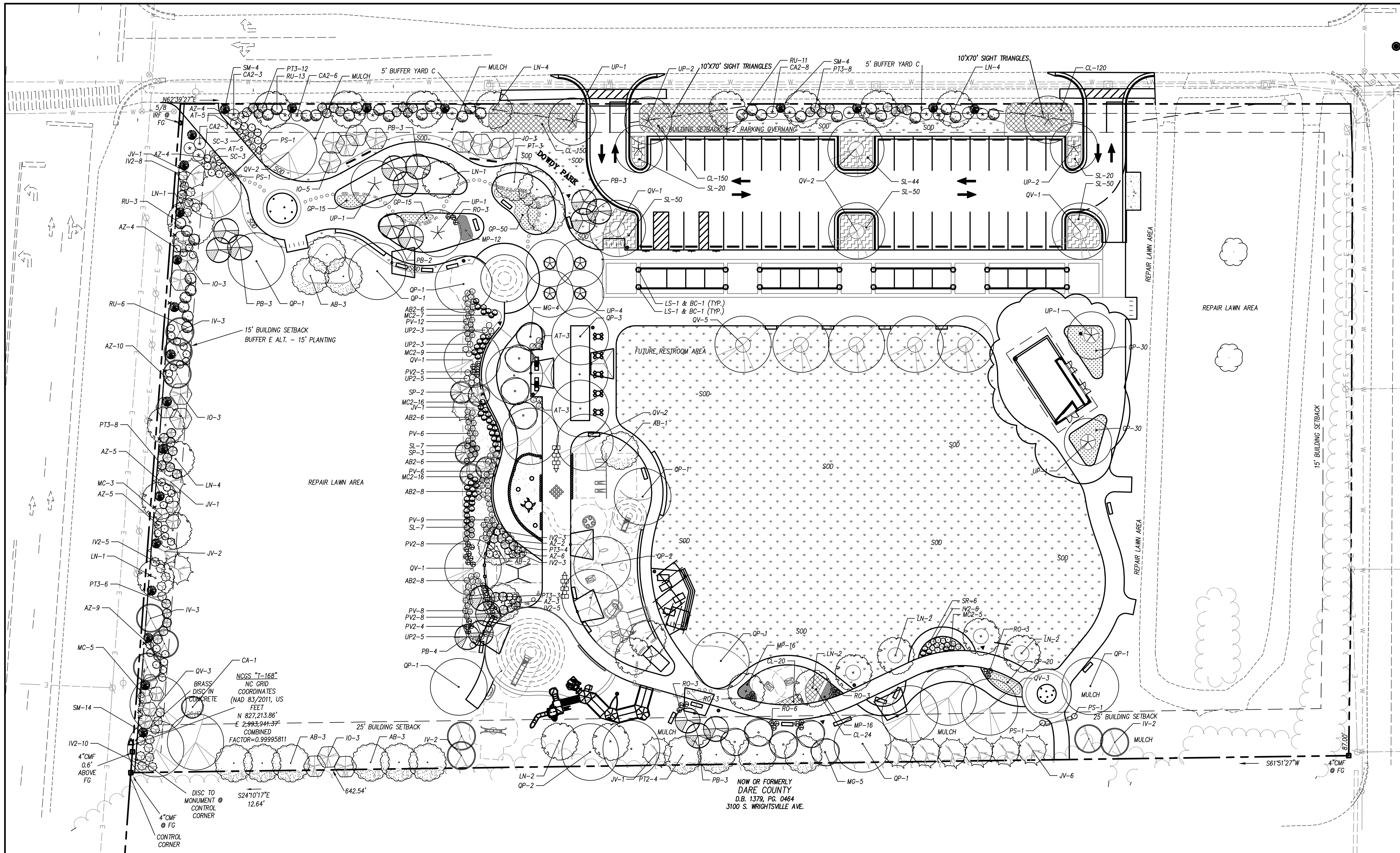

PLANT SCHEDULE

KEY	QTY	PLANT NAME	MIN. SIZE	REMARKS
TREES				
AB	12	TRIDENT MAPLE *Acer buegerianum*	6'-8' Ht 1 1/2" Cal	Straight Trunk, Full Matched Specimens
CA	1	BLUE CYPRESS *Cupressus arizonica 'Blue Sapphire'*	6'-8' Ht B&B 2" Cal	Full Plants Matched Specimens
IO	17	AMERICAN HOLLY *Ilex opaca 'Tinga'*	5'-6' Ht B&B/Cont	Full Plants Matched Specimens
IV	10	YAUPON HOLLY *Ilex vomitoria*	5'-6' Ht B&B/Cont	Full Plants Matching 3' O.C.
JV	12	EASTERN RED CEDAR *Juniperus virginiana var. silicola*	5'-6' Ht. Cont.	Straight Trunk, Full Matched Specimens
LN	23	CRAPE MYRTLE 'NATCHEZ' *Lagerstroemia indica 'Natchez'*	6'-8' Ht 1 1/2" Cal	3-5 Trunks Matched Specimens
MG	9	SWEETBAY MAGNOLIA *Magnolia virginiana*	6'-8' Ht 1 1/2" Cal	Straight Trunk Matched Specimens
PB	18	REDBAY *Persea borbonia*	6'-8' Ht 1 1/2" Cal	Straight Trunk Matched Specimens
PT	3	LOBLOLLY PINE *Pinus taeda*	4'-5' Ht 1 1/2" Cal	Straight Trunk Matched Specimens
PT2	4	BLACKJACK PINE *Pinus thunbergii*	4'-5' Ht 1 1/2" Cal	Straight Trunk Matched Specimens
QP	16	WILLOW OAK *Quercus phellos*	6'-8' Ht B&B 1 1/2" Cal	Straight Trunk, Full Matched Specimens
QV	21	LIVE OAK *Quercus virginiana*	6'-8' Ht B&B 1 1/2" Cal	Straight Trunk, Full Matched Specimens
UP	13	ALLEE ELM *Ulmus parvifolia 'Allee'*	6'-8' Ht 1 1/2" Cal	Straight Trunk, Full Matched Specimens
SHRUBS				
AZ	52	ENCORE AZALEA *Azalea x Autumn Royalty*	18"-24" Ht 1-Gal Cont	Full Plants Matching 24" O.C.
CA2	20	AMERICAN BEAUTY BERRY *Callicarpa americana*	18"-24" Ht 3-Gal Cont	Full Plants Matching 6' O.C.
IV2	40	DWARF YAUPON HOLLY *Ilex vomitoria 'Nana'*	18"-24" Ht 3-Gal Cont	Full Plants Matching 3' O.C.
MC	8	SOUTHERN WAX MYRTLE *Myrica cerifera*	24"-36" Ht 3-Gal Cont	Full Plants Matching 5' O.C.
PT3	41	WHEELER'S DWARF PITTOSPORUM *Pittosporum tobira "Wheeler's Dwarf"*	24"-36" Ht 3-Gal Cont	Full Plants Matching 5' O.C.
RU	33	INDIAN HAWTHORN *Raphiolepsis umbellata 'Majestic Beauty'*	24"-36" Ht 3-Gal Cont	Full Plants Matching 5' O.C.
RO	18	ROSEMARY *Rosemary officinalis 'Arp'*	18"-24" Ht 3-Gal Cont	Full Plants Matching 5' O.C.
SM	22	DWARF PALMETTO *Sabal minor*	24"-36" Ht 3-Gal Cont	Full Plants Matching 5' O.C.
ORNAMENTAL GRASSES				
AB2	36	AMERICAN BEACHGRASS *Ammophila breviligulata*	1-Gal Cont	Full Plants Matching 5' O.C.
MC2	53	PINK MUHLY GRASS *Muhlenbergia capillaris/ sericea*	3-Gal Cont	Full Plants Matching 5' O.C.
PV	41	NORTHWIND SWITCH GRASS *Panicum virgatum 'Northwind'*	1-Gal Cont	Full Plants Matching 5' O.C.
PV2	25	SHENANDOAH SWITCH GRASS *Panicum virgatum 'Shenandoah'*	1-Gal Cont	Full Plants Matching 5' O.C.
SL	248	SEASIDE LITTLE BLUESTEM *Schizachyrium littorale*	1-Gal Cont	Full Plants Matching 5' O.C.
UP2	16	SEA OATS *Uniola paniculata*	1-Gal Cont	Full Plants Matching 5' O.C.
VINES				
BC	16	CROSSVINE *Bignonia capreolata*	1-Gal Cont	Full Plants Matching 5' O.C.
LS	16	CORAL HONEYSUCKLE *Lonicera sempervirens*	1-Gal Cont	Full Plants Matching 5' O.C.
PS	4	PASSIONFLOWER *Passiflora incarnata*	1-Gal Cont	Full Plants Matching 5' O.C.
PERENNIALS AND GROUNDCOVERS				
AT	16	BUTTERFLY WEED *Asclepias tuberosa*	3-Gal Cont	Full Plants Matching 24" O.C.
CL	464	COREOPSIS *Coreopsis lanceolata*	3-Gal Cont	Full Plants Matching 24" O.C.
GP	160	BLANKET FLOWER *Gaillardia pulchella*	1-Gal Cont	Full Plants Matching 24" O.C.
MP	44	HORSEMINT *Monarda punctata*	1-Gal Cont	Full Plants Matching 24" O.C.
SC	6	LAVENDER COTTON *Santolina chamaecyparissus*	1-Gal Cont	Full Plants Matching 24" O.C.
SR	6	GOLDENROD *Solidago rugosa 'Fireworks'*	1-Gal Cont	Full Plants Matching 24" O.C.
SOD	TBD	TURF GRASS *T-419 Hybrid Bermudagrass*		

GRAPHIC SYMBOLS SUPERCEDE WRITTEN QUANTITIES WHERE DISCREPANCIES OCCUR. FOR NOTES AND DETAILS, SEE DETAIL SHEET C7.7.

LANDSCAPE NOTES

1. LOCATE ALL EXISTING UTILITIES PRIOR TO INSTALLATION OF PLANT MATERIAL. NOTIFY OWNER OF ANY DISCREPANCIES BETWEEN FIELD CONDITIONS AND THOSE SHOWN ON THE PLAN.
2. VERIFICATION OF TOTAL QUANTITIES AS SHOWN ON THE PLANT LIST SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND THE TOTAL QUANTITIES SHALL BE AS SHOWN ON THE PLAN.
3. ALL PLANT MATERIAL SHALL CONFORM WITH THE STANDARDS SET FORTH BY THE AMERICAN ASSOCIATION OF NURSERYMEN AND THE WRITTEN SPECIFICATIONS.
4. ALL PLANT MATERIAL (SHRUBS/TREES) SHALL BE A MINIMUM DISTANCE OF 4 1/2 FEET FROM BACK OF CURB, EXCEPT ALONG ANY NEW WALLS ADJACENT TO PARKING WHERE CURB STOPS WILL BE USED.
5. ALL PLANT GROUPINGS SHALL BE MULCHED AS ONE BED WITH 3" (AFTER SETTLING) OF BROWN DYED TRIPLE SHREDDED HARDWOOD MULCH. THE REMOTE BUFFER PLANTINGS SHALL BE MULCHED WITH 3" (AFTER SETTLING) TRIPLE SHREDDED HARDWOOD MULCH. DO NOT USE "TOWN" MULCH.
6. APPLY PRE-EMERGENT HERBICIDE TO ALL NEW PLANTING BEDS AT MANUFACTURER'S RECOMMENDED RATE PRIOR TO INSTALLATION OF MULCH.
7. ESTABLISH POSITIVE DRAINAGE IN ALL PLANTING BEDS AND AWAY FROM BUILDINGS.
8. DO NOT INSTALL PLANT MATERIAL IN IMPERVIOUS SOILS, (i.e. HOLES WHICH, WHEN FILLED WITH WATER, DO NOT COMPLETELY DRAIN WITHIN TWO HOURS.) SEE SPECIFICATIONS FOR TOPSOIL REQUIREMENTS.
9. LAWN AREAS NOT SHOWN ON THE PLANS TO BE SODDED OR MULCHED. LAWN AREAS SHALL BE SEEDED WITH BERMUDA GRASS 95% COVERAGE (BASED ON A PER SQUARE YARD SAMPLE) WHICH SHALL BE ATTAINED PRIOR TO FINAL INSPECTION. SEE DETAIL SHEET FOR RATES AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
10. CONTACT THE LANDSCAPE ARCHITECT FOR INSPECTION 48 HOURS IN ADVANCE OF THE SCHEDULED SITE VISIT AND AT THE FOLLOWING INTERVALS:
    - 10.1. REVIEW OF GRADING PRIOR TO PLANT AND LAWN INSTALLATION
    - 10.2. REVIEW OF PLANT MATERIAL PRIOR TO INSTALLATION.
    - 10.3. ONE SUBSTANTIAL COMPLETION MEETING FOR PLANT INSTALLATION.
    - 10.4. ONE FINAL INSPECTION FOR ALL SEEDING/PLANTING OPERATIONS.
11. THE TREE PROTECTION FENCE SHALL BE MAINTAINED ON THE SITE UNTIL ALL SITE WORK IS COMPLETED AND THE FINAL SITE INSPECTION PRIOR TO THE CERTIFICATE OF OCCUPANCY (CO) IS SCHEDULED. THE FENCING SHALL BE REMOVED PRIOR TO FINAL SITE INSPECTION FOR THE CO.
12. LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR WATERING ALL PLANTS AND LAWN AREAS AT HIS COST FROM HIS OWN WATER SOURCE INCLUDING DURING PERIODS OF DROUGHT UNTIL THE PLANTS AND LAWN ARE DECLARED SUBSTANTIALLY COMPLETE. PLANT MATERIALS OR AREAS OF GRASS WHICH PERISH SHALL BE RE-ESTABLISHED BY THE CONTRACTOR AT NO EXPENSE TO THE OWNER.
13. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING ALL EQUIPMENT & SUBCONTRACTORS AWAY FROM ALL SODDED AND SEEDED AREAS. IF DAMAGE OCCURS, THROUGH NO FAULT OF THE OWNER, AREAS SHALL BE REGRADED AND RESEEDED IMMEDIATELY AT NO ADDITIONAL COST TO THE OWNER. CONTRACTOR SHALL WATER AND MAINTAIN THOSE AREAS UNTIL THEY ARE AT 95% COVERAGE AT SUBSTANTIAL COMPLETION.
14. SUBSTITUTIONS OF PLANT MATERIAL SHALL ONLY BE ACCEPTED 60 DAYS PRIOR TO COMMENCEMENT OF PLANTING OPERATIONS. SUBSTITUTION REQUESTS MUST BE IN WRITING AND WILL ONLY BE ACCEPTED FOR LACK OF AVAILABILITY REASONS WHICH CAN BE SUBSTANTIATED OR FOR SUPERIOR STOCK SUBSTITUTIONS.
15. LANDSCAPE CONTRACTOR SHALL NOTIFY LANDSCAPE ARCHITECT TO REVIEW GRADING ONE WEEK PRIOR TO SEEDING, IF THE LANDSCAPE CONTRACTOR AND LANDSCAPE ARCHITECT FIND GRADING UNACCEPTABLE FOR FINAL SEEDING, LANDSCAPE CONTRACTOR SHALL BRING IT TO THE ATTENTION OF THE GENERAL CONTRACTOR. LANDSCAPE CONTRACTOR SHALL NOT PROCEED WITHOUT APPROVAL BY LANDSCAPE ARCHITECT.
16. IF CONFLICTS OCCUR BETWEEN WRITTEN SPECIFICATIONS AND THE DRAWINGS, THE WRITTEN SPECIFICATIONS SHALL PREVAIL.
17. ALL SOD SHALL BE TIFWAY 419 BERMUDA GRASS.
18. CONTRACTOR SHALL STABILIZE AND REPAIR ALL DISTURBED AREAS.

SEEDBED PREPARATION

1. DISC ALL AREAS TO RECEIVE GRASS TO A MINIMUM OF 8 INCHES, MIX AND AMEND WITH 3 INCHES OF TOPSOIL. REFER TO SPECIFICATIONS FOR TOPSOIL REQUIREMENTS.
2. REMOVE ALL LOOSE ROCK, ROOTS, AND OTHER OBSTRUCTIONS LEAVING SURFACE REASONABLY SMOOTH AND UNIFORM. CONSTRUCTION EQUIPMENT & TRAFFIC SHALL BE REMOVED PRIOR TO SEEDING.
3. CONTINUE TILLAGE UNTIL A WELL-PULVERIZED, FIRM, REASONABLY UNIFORM SEEDBED IS PREPARED TO A 6 INCHES DEPTH.

CONTRACTOR RESPONSIBILITY NOTES:

1. THE MAIN PROJECT BIDDING PACKAGE WILL NOT INCLUDE LANDSCAPING OR IRRIGATION. THE TOTAL PROJECT LANDSCAPE SHEETS HAVE BEEN INCLUDED FOR COORDINATION PURPOSES.
2. THE GENERAL CONTRACTOR TO INCLUDE ALL TEMPORARY SEEDING, NECESSARY GRADING, FINAL GRADING, TOPSOIL AMENDMENTS AND ADEQUATE TOPSOIL AS NEEDED FOR THE LANDSCAPE CONTRACTOR TO COMPLETE THE SCOPE OF LANDSCAPING WHEN AWARDED.
3. THE FOLLOWING SHEETS HAVE BEEN INCLUDED FOR REFERENCE ONLY: C5.1, C5.2 AND C7.7
4. GENERAL CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH THE FUTURE LANDSCAPE CONTRACTOR.
5. TOPSOIL SHALL BE ACCEPTED BY THE OWNER BEFORE THE LANDSCAPE CONTRACTOR BEGINS WORK. GENERAL CONTRACTOR SHALL CONTACT THE OWNER FOR TOPSOIL INSPECTION.
6. ALL CONTRACTORS SHALL REFER TO THE EROSION CONTROL CONSTRUCTION SEQUENCE AND ADDITIONAL INFORMATION ON SHEETS C2.0.

LANDSCAPE CALCULATIONS

PARKING AREA PLANTING REQUIREMENTS

INTERIOR PARKING PLANTING AREA REQUIRED: = (10%)7,700 SF = 770 SF
INTERIOR PARKING PLANTING AREA PROVIDED: = 1,400 SF
LANDSCAPE ISLANDS MUST HAVE A PERMANENT, NON-EROSIVE GROUNDCOVER

BUFFER YARD REQUIREMENTS

CROATAN HIGHWAY (WEST) = 354 LF

BUFFER YARD TYPE E REQUIRED: = 36 TREES, 142 SHRUBS, 354 GRASSES OR HERB.
15' UNDISTURBED FROM R/W, 10 BUFFER
2 ROWS 4' APART
5 TREES, 20 SHRUBS, 50 GRASSES OR HERBACEOUS PER 100 LF (DOUBLE FOR 2 ROWS)
50% EVERGREEN
5' WHEN INSTALLED, 8' AT MATURITY
MAY BE COMBINED WITH BERMS

BONNETT STREET (NORTH) = 618 LF (-SIDEWALK, ENTRY DRIVES, PHASE 2) = 474 LF

5' BUFFER YARD TYPE C REQUIRED:= 24 TREES, 95 SHRUBS, 237 GRASSES OR HERB.
5 TREES/20 SHRUBS/50 GRASSES OR HERBACEOUS PER 100 LF
50% EVERGREEN
5' WHEN INSTALLED
MAY BE COMBINED WITH BERMS

WRIGHTSVILLE AVENUE (EAST) = 344 LF

PHASE 2

OPEN SPACE LANDSCAPING REQUIREMENTS

GRAPHIC SCALE
30 0 15 30 60 120
(IN FEET)
1 inch = 30 ft.
NC GRID(NAD83) N

THE TOWN OF NAGS HEAD N.C. 1961

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NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT 1699 ZACHARY R. PIERCE 6-2-16

DOWDY PARK - PHASE 1
SITE DEVELOPMENT PLAN

TOWN OF NAGS HEAD, NC
3005 SOUTH CROATAN HIGHWAY

REVISIONS

NO.	DATE	DESCRIPTION
#1	6-21-2016	ADDENDUM #1
#2	7-6-2016	ADDENDUM #4

DESIGNED BY: AMR/BH
DRAWN BY: HR
DATE: JUNE-2-2016
PROJECT NO: 16-115
FILE: .

LANDSCAPE PLAN

C5.1