



LANDSCAPE CALCULATIONS (B-3 ZONING)

VEHICULAR SURFACE AREA SHADE PLANTING REQUIREMENTS

PARKING LOT:	50,835 SF
SQUARE FT. OF PROPOSED VSA:	10,187 SF
SHADING REQUIRED (20% OF VSA):	2,037 SF
PLANTINGS PROVIDED:	101 TREES

STREET YARD AND BUFFER YARD REQUIREMENTS

STREET YARD AND FRONT YARD BUFFERS (1-1/2' CAL)

STREET TREES: 1 PER 30 LINEAR FEET

SHRUBS: 1 PER 10 LINEAR FEET (MAXIMUM DEEDOUS)

STREET YARD/FRONT YARD BUFFER - 208.30 SF (100' DRIVEWAY) 3889 SF

PLANTINGS REQUIRED: 7 STREET TREES, 18 SHRUBS

PLANTINGS PROVIDED: 7 STREET TREES, 18 SHRUBS

SIDE AND REAR YARD BUFFERS (1-1/2' CAL)

UNDERSTORY TREES: 1 PER 200 SF (MIN 40% EVERGREEN, MIN 30% DEEDOUS)

SHRUBS: 1 PER 200 SF (MAX 30% DEEDOUS)

PLANTINGS PROVIDED: 8 UNDERSTORY TREES, 15 SHRUBS

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REAR YARD BUFFER - 1,925 SF

PLANTINGS REQUIRED: 4 UNDERSTORY TREES, 10 SHRUBS

PLANTINGS PROVIDED: 4 UNDERSTORY TREES, 10 SHRUBS

PLANT SCHEDULE

QTY	BOTANICAL / COMMON NAME	CONT	SIZE	REMARKS
9	<i>Cercis canadensis</i> 'Ace of Hearts'	B&B	8-10' HT	Full Crown, Matched Specimen, 12" Mature HL, 1-1/2" CAL
3	<i>Crataegus phoenopyram</i>	B&B	8-10' HT	Full Crown, Matched Specimen, 25" Mature Height, 1-1/2" CAL
15	<i>Rex spicata</i>	B&B	8-10' HT	Straight Trunk, Matched Specimens, 25" Mature HL, 1-1/2" CAL
3	<i>Magnolia virginiana</i> 'Mrs Wilson'	B&B	8-10' HT	Straight Trunk, Matched Specimens, 30" Mature HL, 1-1/2" CAL
9	<i>Nyssa sylvatica</i> 'White'	B&B	10-12' HT	Straight Trunk, Full Crown, 50" Mature HL, 3" CAL
5	<i>Platanus occidentalis</i>	B&B	10-12' HT	Straight Trunk, Full Crown, 75-100" Mature HL, 3" CAL
10	<i>Quercus rubra</i>	B&B	10-12' HT	Straight Trunk, Full Crown, 50-75" Mature HL, 3" CAL
3	<i>Camellia japonica</i> 'October Magic Ruby'	CONT	24-30" HT	SPACE 6' O.C., 6"-10" Mature Height
24	<i>Camellia japonica</i> 'Dobson Haze'	CONT	18-24" HT	SPACE 3' O.C., 3"-4" Mature Height
30	<i>Rex crenata</i> 'Green Luster'	CONT	18-24" HT	SPACE 4' O.C., 4" Mature Height
36	<i>Loropetalum chinensis</i> 'Vivian File'	CONT	24-30" HT	SPACE 5' O.C., 5" Mature Height
39	<i>Prunus laurocerasus</i> 'Schubertiana'	CONT	24-30" HT	SPACE 5' O.C., 5" Mature Height
25	<i>Heptameris indica</i> 'Majestic Beauty'	CONT	24-30" HT	SPACE 6' O.C., 6" Mature Height
16	<i>Rhododendron</i> 'PJM Elite'	CONT	24-30" HT	SPACE 5' O.C., 5" Mature Height
21	<i>Yucca filamentosa</i> 'Blue Heaven'	CONT	18-24" HT	SPACE 4' O.C., 4" Mature Height
13	<i>Muhlenbergia capillaris</i> 'White Cloud'	CONT	18-24" HT	Space 4' O.C., 3"-4" Mature Height
30	<i>Panicum wrightii</i> 'Heavy Metal'	CONT	18-24" HT	SPACE 4' O.C., 4" Mature Height
19	<i>Panicum wrightii</i> 'Red Sunset'	CONT	18-24" HT	Space 5' O.C., 5"-4" Mature Height
59	<i>Panicum wrightii</i> 'Shanadoo'	CONT	18-24" HT	SPACE 3' O.C., 3" Mature Height
101	<i>Juniperus conferta</i> 'Blue Pacific'	CONT	1 GAL	SPACE 3' O.C.
46	<i>Juniperus horizontalis</i> 'Bar Harbor'	CONT	1 GAL	SPACE 24" O.C.
31	<i>Juniperus x pflanziana</i> 'Valley's Compact'	CONT	1 GAL	SPACE 3' O.C.
227	<i>Liriodendron tulipifera</i> 'Majestic'	CONT	1 GAL	SPACE 18" O.C.
45	<i>Asclepias tuberosa</i>	CONT	2.5 QUART	SPACE 18" O.C.
114	<i>Echinacea x Purdie Emperor</i>	CONT	2.5 QUART	SPACE 18" O.C.
114	<i>Hamamelis x Ruby Spiller</i>	CONT	2.5 QUART	SPACE 18" O.C.
23	<i>Phlox divaricata</i> 'Blue Moon'	CONT	2.5 QUART	SPACE 18" O.C.
65	<i>Vincetoxicum</i> 'Dwarf Pink Periwinkle'	CONT	2.5 QUART	PLANT 18" O.C.

- ### GENERAL NOTES - LANDSCAPING
- LOCATE ALL EXISTING UTILITIES PRIOR TO INSTALLATION OF PLANT MATERIAL. NOTIFY OWNER OF ANY DISCREPANCIES BETWEEN FIELD CONDITIONS AND THOSE SHOWN ON THE PLAN.
 - 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.
 - ALL PLANT MATERIAL SHALL CONFORM WITH THE STANDARDS SET FORTH BY THE AMERICAN ASSOCIATION OF NURSERYMEN AND THE WRITTEN SPECIFICATIONS.
 - ALL PLANT MATERIAL (SHRUBS) SHALL BE MINIMUM DISTANCE OF 4 1/2 FEET FROM BACK OF CURB, EXCEPT FOR ANY NEW WALLS. MINIMUM DISTANCE TO EXISTING WALKING CURB STOPS WILL BE USED. ALL PLANTING BEDS TO BE MAINTAINED AT A MINIMUM OF 3" OF MULCH.
 - ALL PLANT MATERIAL SHALL BE PLANTED AS ONE UNIT OF DYED BROWN DOUBLE SHEDDED HARDWOOD MULCH SHALL BE USED. PLANTINGS WITH THE EXCEPTION OF BUFFER PLANTINGS.
 - APPLY APPROPRIATE HERBICIDES TO ALL NEW PLANTING BEDS AT MANUFACTURER'S RECOMMENDED RATE PRIOR TO INSTALLATION OF PLANT MATERIAL.
 - ESTABLISH POSITIVE DRAINAGE IN PLANTING BEDS AND AWAY FROM BUILDINGS.
 - INSTALL PLANTING TOTAL IN IMPROVED SOILS. (4" HOLES WHICH, WHEN FILLED WITH WATER, DO NOT EXCEED 1" DRAIN WITHIN 24 HOURS.) SEE SPECIFICATIONS FOR TYPICAL REQUIREMENTS.
 - ALL PLANTING SHALL BE SEEDING WITH RIVERIA OR SUNSTAR BERMAPA GRASS SOIL COVERAGE (BASED ON A PER SQUARE YARD) SHALL BE OBTAINED PRIOR TO FINAL INSPECTION. SEE DETAIL SHEET FOR RATES AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
 - CONTACT THE LANDSCAPE ARCHITECT FOR INSPECTION 48 HOURS IN ADVANCE OF THE SCHEDULED SITE VISIT AND AT THE FOLLOWING INTERVALS:
 - REVIEW OF GRADING PRIOR TO PLANT AND LAWN INSTALLATION
 - REVIEW OF PLANT MATERIAL PRIOR TO INSTALLATION
 - ONE SUBSTANTIAL COMPLETION MEETING FOR PLANT INSTALLATION
 - ONE FINAL INSPECTION FOR ALL SEEDING/PLANTING OPERATIONS
 - 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.
 - LANDSCAPE SUB-CONTRACTOR (UNDER GC CONTRACT) 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 MEET FINAL COMPLETION. PLANT MATERIALS ON AREAS OF GRASS WHICH PERISH SHALL BE RE-ESTABLISHED BY THE CONTRACTOR AT NO EXPENSE TO THE OWNER.
 - GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING ALL EQUIPMENT & SUBCONTRACTORS AWAY FROM SEEDING AREAS. IF DAMAGE OCCURS, THROUGH NO FAULT OF THE OWNER, AREAS SHALL BE REGRABBED AND RESEEDED IMMEDIATELY AT NO ADDITIONAL COST TO THE OWNER. CONTRACTOR SHALL WATER AND MAINTAIN THOSE AREAS UNTIL THEY ARE AT SOIL COVERAGE AT FINAL COMPLETION.
 - SUBSTITUTIONS OF PLANT MATERIAL SHALL ONLY BE ACCEPTED 60 DAYS PRIOR TO COMMENCEMENT OF PLANTING OPERATIONS. SUBSTITUTIONS MUST BE IN WRITING AND WILL ONLY BE ACCEPTED FOR LACK OF AVAILABILITY REASONS WHICH CAN BE SUBSTANTIATED OR FOR SUPERIOR STOCK SUBSTITUTIONS.
 - 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.
 - IF CONFLICTS OCCUR BETWEEN WRITTEN SPECIFICATIONS AND THE DRAWINGS, THE WRITTEN SPECIFICATIONS SHALL PREVAIL.
 - GENERAL LAWN AREAS SHALL BE SEEDING WITH RIVERIA OR SUNSTAR BERMAPA. PLANTING BEDS SHALL BE SOGGED WITH TW-419 BERMAPA. SEE PLANTING PLAN FOR LIMITS.
 - ALL 3:1 SLOPES SHALL BE STABILIZED WITH NO-MOW NATURALIZED SEED MIX AND EROSION CONTROL MATTING.
 - ALL FOUNDATION SHRUBS AND TREES TO BE PLANTED A MINIMUM OF 5'-11" FROM BUILDING WALL. NOTIFY LANDSCAPE ARCHITECT FOR ANY DISCREPANCIES.
 - INSTALL PERMANENT SEEDING ALONG ALL ROADSIDE DITCHES AND CHANNELS WITHIN CONSTRUCTION LIMITS OF PROJECT. SEE DETAIL SHEET FOR ADDITIONAL INFORMATION.

PERENNIALS

QTY	BOTANICAL / COMMON NAME	CONT	SIZE	REMARKS
45	<i>Asclepias tuberosa</i>	CONT	2.5 QUART	SPACE 18" O.C.
114	<i>Echinacea x Purdie Emperor</i>	CONT	2.5 QUART	SPACE 18" O.C.
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65	<i>Vincetoxicum</i> 'Dwarf Pink Periwinkle'	CONT	2.5 QUART	PLANT 18" O.C.

SEE DETAIL SHEET C708 FOR ADDITIONAL INFORMATION.
 TW-419 BERMAPA SOG, SEE DETAIL SHEET C708.

GRAPHIC SCALE

(IN FEET)
1 inch = 30 ft.

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RENOVATION AND ADDITION
ABERDEEN POLICE DEPARTMENT
 ABERDEEN, NORTH CAROLINA

LANDSCAPE PLAN

DATE: 12.20.2019
 PROJECT NO: 18062

REVISIONS

NO.	DATE	DESCRIPTION
1	12-20-2019	COORDINATION

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SHEET NUMBER
C600