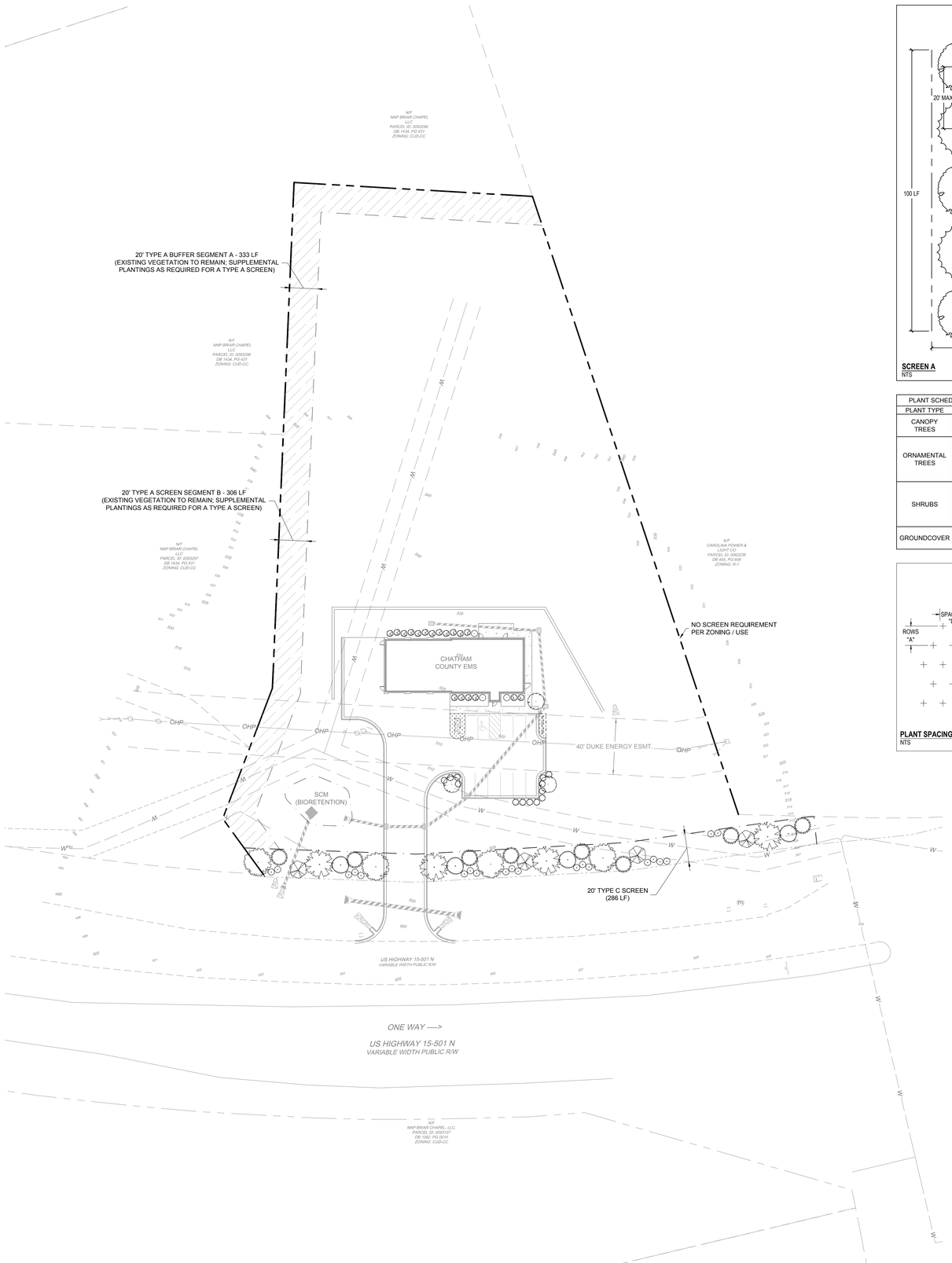
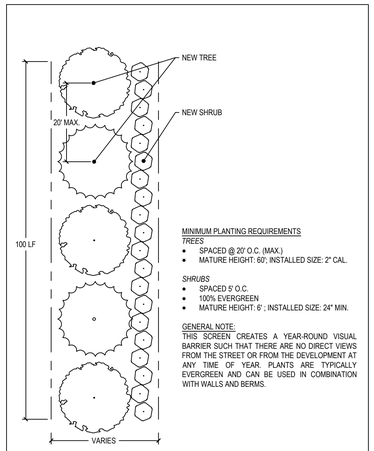
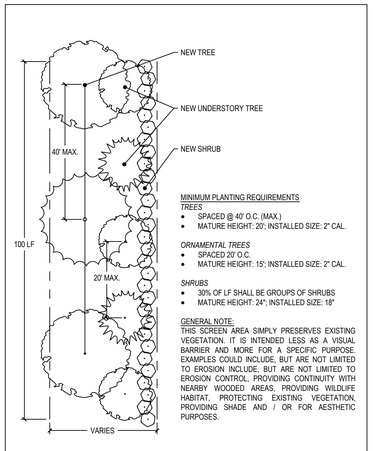




SCREEN A
NTS



SCREEN C
NTS

LANDSCAPE NOTES:

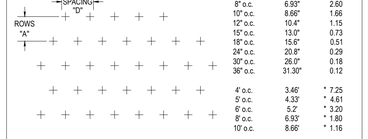
1. PLANTINGS AS REQUIRED SHALL NOT BE LOCATED IN DRAINAGE, ACCESS OR UTILITY EASEMENTS.
2. ALL DUMPSTER / REFUSE STORAGE FACILITIES SHALL BE SCREENED BY A SOLID WALL, FENCE, TIGHT EVERGREEN HEDGE OR A COMBINATION.
3. FENCES, WALLS AND EARTH BERMS MAY BE USED IN COMBINATION WITH TREES AND SHRUBS TO FULFILL REQUIRED LANDSCAPING; PROVIDED, HOWEVER, THAT THESE MANMADE FEATURES ARE DESIGNED AND LOCATED IN SUCH A WAY THAT WILL NOT CONFLICT WITH OTHER SITE FEATURES AND FUNCTIONS AND WILL BE IN HARMONY WITH THE SURROUNDING LANDSCAPE.
4. ALL PORTIONS OF THE LANDSCAPING AREA NOT PLANTED WITH SHRUBS AND TREES OR COVERED BY A WALL OR OTHER BARRIER SHALL BE PLANTED IN GRASS AND / OR GROUND COVER, OR COVERED BY A NATURAL MULCH OF A MINIMUM DEPTH OF 3 INCHES.
5. XERISCAPING IS RECOMMENDED WHERE POSSIBLE TO CONSERVE WATER.
6. A MIX OF TREES AND LANDSCAPE PLANTS SHALL BE PLANTED BETWEEN PARKING BAYS AND AROUND THE PERIMETER PARKING AREAS TO PROVIDE SCREENING, SHADE AND VISUAL VARIETY.

MAINTENANCE:

1. MAINTENANCE OF LANDSCAPE PLANTS IS REQUIRED FOR THE IMPLEMENTATION OF THE APPROVED LANDSCAPE PLAN. PLANTINGS THAT ARE RESISTANT TO DROUGHT DO NOT REQUIRE HEVY IRRIGATION, ARE NOT SUBJECT TO BEING EATEN BY DEER, AND WHICH ARE NATIVE TO CHATHAM COUNTY, ARE ENCOURAGED AND WILL BE REVIEWED FAVORABLY. REPLACEMENT OF DEAD PLANTS IS EXPECTED AND IS THE RESPONSIBILITY OF THE PROPERTY OWNER.
2. PREPARATION OF PLANTING BEDS AND ACTUAL PLANTING TIME WILL BE AFTER EQUIPMENT, UNLOADING OF MATERIALS AND OTHER TRAFFIC IS FINISHED. ADDITIONALLY, DO NOT WORK FROZEN OR SATURATED SOIL, AND DO NOT PLANT DURING PERIODS OF EXTREME DROUGHT AND WATER RESTRICTIONS.
3. PRIOR TO PLANTING, DETERMINE SOIL CHARACTERISTICS SUCH AS SOIL TYPE AND TEXTURE, PH, NUTRIENT AVAILABILITY AND DRAINAGE.
4. CORRECT ANY DRAINAGE ISSUES AND ADD AMENDMENTS AS NECESSARY.
5. PRIOR TO ADDING AMENDMENTS, ASSURE SUBSURFACE DRAINAGE AND CREATE A TRANSITION LAYER BY:
   - 5.1. DEEP PLOWING TO A MINIMUM OF 12"
   - 5.2. ADD 4" OF SHREDDED PINE BARK AND / OR COMPOST AND AMENDMENTS SUCH AS THE LOWEST SUGGESTED AMOUNT OF ROCK PHOSPHOROUS AND GYPSUM.
   - 5.3. MIX THOROUGHLY
   - 5.4. RAKE OUT PLANT DEBRIS, STICKS AND STONES @ 1.5" IN ANY DIMENSION AND ANY MATERIALS HARMFUL OR TOXIC TO PLANT GROWTH.
   - 5.5. TEST SOIL TO DETERMINE FURTHER FERTILIZER NEEDS AND PH.
   - 5.6. SOIL MUST BE FRIABLE AND WEED FREE

PLANT SCHEDULE

PLANT TYPE	QTY	KEY	BOTANICAL NAME	COMMON NAME	ROOT	SIZE	HEIGHT	NOTES
CANOPY TREES	4	QUL	Quercus laurifolia	Laurel Oak	B&B	2" CAL.		MATCHED
	4	QUS	Quercus shumardii	Shumard Oak	B&B	2" CAL.		MATCHED
ORNAMENTAL TREES	4	CCA	Cercis canadensis	Eastern Redbud	B&B	2" CAL.		MATCHED
	8	INS	Ilex x 'Nellie R. Stevens'	Nellie Stevens Holly	B&B	2" CAL.		MATCHED
	3	LIT	Lagerstromia indica 'Tonto'	Tonto Crape Myrtle	B&B	2" CAL.		MATCHED
	4	PCT	Prunus cerasifera 'Thundercloud'	Purple Leaf Plum	B&B	2" CAL.		MATCHED
SHRUBS	3	GJF	Gardenia jasminoides 'Frostproof'	Frostproof Gardenia	CONT.		24" MIN.	MATCHED
	13	ICB	Ilex cornuta 'Burfordii Nana'	Dwarf Burford Holly	CONT.		24" MIN.	MATCHED
	20	IVN	Ilex vomitoria 'Nana'	Dwarf Yaupon Holly	CONT.		24" MIN.	MATCHED
	18	LCD	Loropetalum chinense 'Daruma'	Dwarf Daruma Loropetalum	CONT.		24" MIN.	MATCHED
GROUNDCOVER	63	CGP	Canna x generallis 'Pretoria'	Bengal Tiger Canna	CONT.	1 GAL.		MATCHED
	17	OJA	Ophiopogon japonicus	Mondo Grass	CONT.	1 GAL.		MATCHED



*NUMBER OF PLANTS PER 100 S.F.

SPACING "D"	ROW "A"	PLANTS/S.F.
6" o.c.	5.2"	4.61
8" o.c.	6.93"	2.60
10" o.c.	8.66"	* 1.66
12" o.c.	10.4"	1.15
15" o.c.	13.0"	0.73
18" o.c.	15.6"	0.51
24" o.c.	20.8"	0.29
30" o.c.	26.0"	0.18
36" o.c.	31.30"	0.12
4' o.c.	3.46'	* 7.25
5' o.c.	4.33'	* 4.61
6' o.c.	5.2'	* 3.20
8' o.c.	6.93'	* 1.80
10' o.c.	8.66'	* 1.16

PLANT SPACING CHART
NTS

SEEDLING CALCULATIONS:

TOTAL SF OF CGP: 43 SF
(24" O.C.)
43 SF x 0.29 = 13 PLANTS REQUIRED

TOTAL SF OF CGP: 13 SF
(24" O.C.)
13 SF X 0.29 = 14 PLANTS REQUIRED

TOTAL SF OF OJA: 144 SF
(24" O.C.)
144 SF X 0.29 = 42 PLANTS REQUIRED

TOTAL SF OF OJA: 71 SF
(24" O.C.)
71 SF X 0.29 = 21 PLANTS REQUIRED

SCREEN CALCULATIONS:

SCREEN A - SEGMENT 'A': (333 LF)
1 TREE @ 20' O.C.
1 SHRUB @ 5' O.C.

17 TREES REQUIRED
67 SHRUBS REQUIRED

SCREEN A - SEGMENT 'B': (306 LF)
1 TREE @ 20' O.C.
1 SHRUB @ 5' O.C.

15 TREES REQUIRED
62 SHRUBS REQUIRED

SCREEN C: (389' - 31' DRIVE - 72' ESMT = 286 LF)
1 TREE @ 40' O.C.
1 ORNAMENTAL @ 20' O.C.
SHRUBS (30% OF LF, 5' O.C.)

8 TREES REQUIRED
15 ORNAMENTAL REQUIRED
18 SHRUBS REQUIRED

PARKING LOT CALCULATIONS:

EMS PARKING LOT: (687 LF)
1 TREE / 50% OF SF
= 687 LF / 250 (SF PER TREE)
SHRUBS TO SCREEN VEHICULAR HEAD LIGHTS

3 TREES REQUIRED
3 UNDERSTORY PROVIDED (DUKE OHE)

NAD 83

SCALE 1"=40'
0 40' 80'

PRELIMINARY PLANS
FOR REVIEW ONLY

NOT FOR CONSTRUCTION

THIS DRAWING PREPARED AT THE
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REVISION DESCRIPTION

DATE

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6/17/2020
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E. WOLFE
SCALE
AS SHOWN

TIMMONS GROUP

CHATHAM COUNTY EMS
FEARRINGTON, NC
OVERALL LANDSCAPE PLAN

JOB NO.
44092
SHEET NO.
L1.0

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