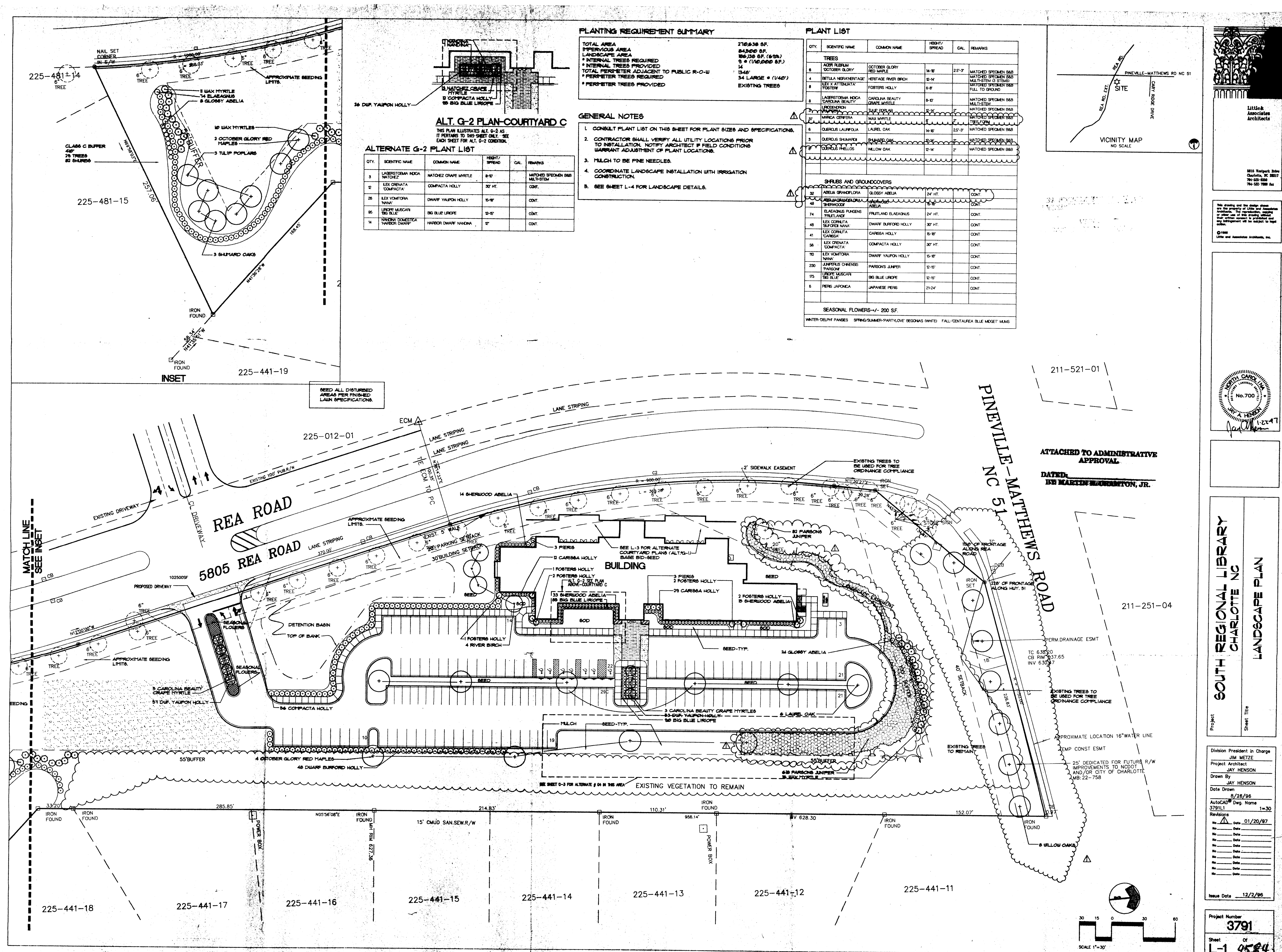


PLANTING REQUIREMENT SUMMARY

TOTAL AREA	270,638 SF.
IMPERVIOUS AREA	84,500 SF.
LANDSCAPE AREA	186,138 SF. (63%)
* INTERNAL TREES REQUIRED	9 * (1/10,000 SF.)
* INTERNAL TREES PROVIDED	14
TOTAL PERIMETER ADJACENT TO PUBLIC R-O-W	1348'
* PERIMETER TREES REQUIRED	34 LARGE * (1/40')
* PERIMETER TREES PROVIDED	EXISTING TREES

GENERAL NOTES

1. CONSULT PLANT LIST ON THIS SHEET FOR PLANT SIZES AND SPECIFICATIONS.
2. CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS PRIOR TO INSTALLATION. NOTIFY ARCHITECT IF FIELD CONDITIONS WARRANT ADJUSTMENT OF PLANT LOCATIONS.
3. MULCH TO BE PINE NEEDLES.
4. COORDINATE LANDSCAPE INSTALLATION WITH IRRIGATION CONSTRUCTION.
5. SEE SHEET L-4 FOR LANDSCAPE DETAILS.

ALTERNATE G-2 PLANT LIST

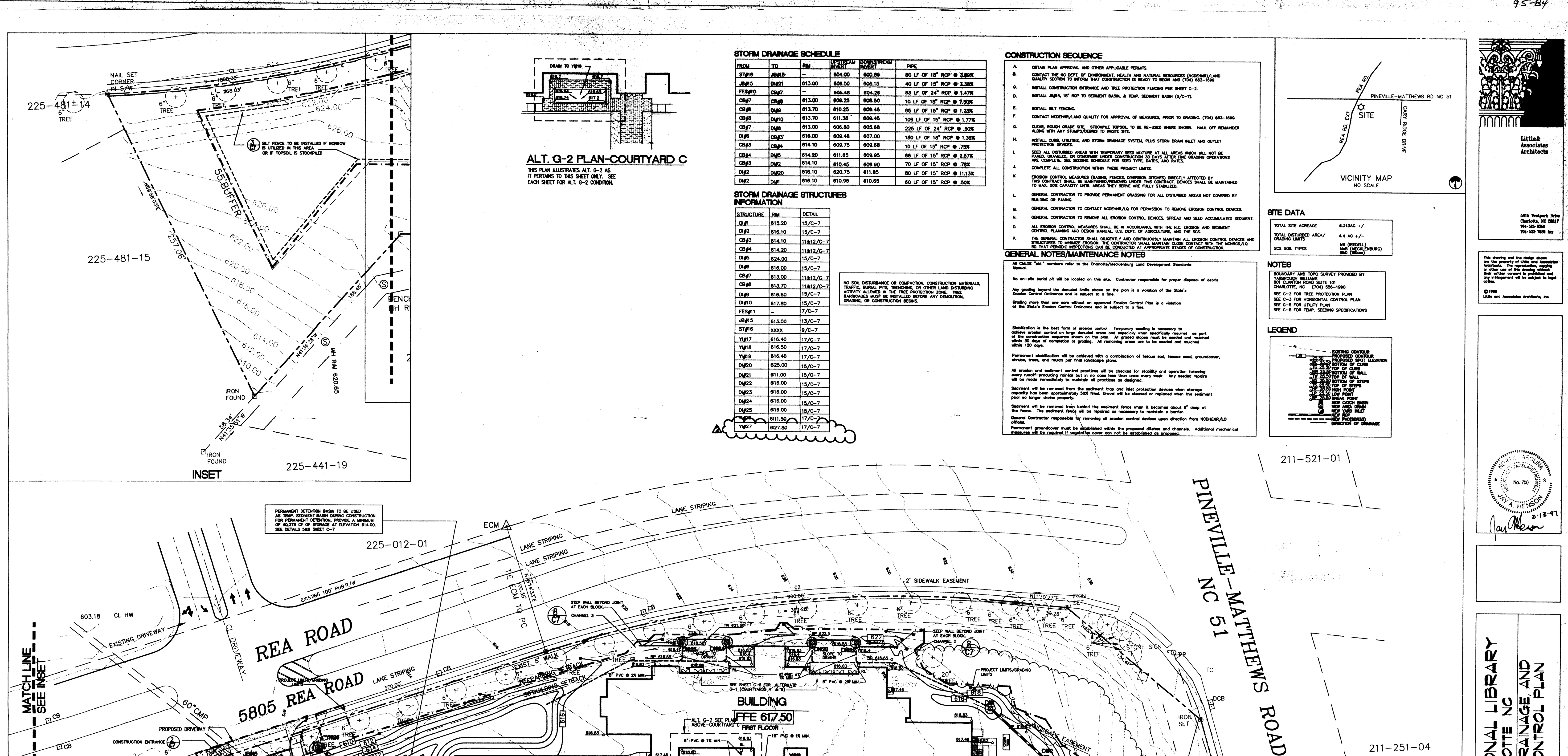
QTY.	SCIENTIFIC NAME	COMMON NAME	HEIGHT/ SPREAD	CAL.	REMARKS
3	LAGERSTOEMIA INDICA 'NATCHEZ'	NATCHEZ CRAPE MYRTLE	8-10'		MATCHED SPECIMEN B&B MULTI-STEM
12	ILEX CRENATA 'COMPACTA'	COMPACTA HOLLY	30" HT.		CONT.
26	ILEX VOMITORIA 'NANA'	DWARF YAUPON HOLLY	15-18"		CONT.
85	LIRIOPE MUSCARI 'BIG BLUE'	BIG BLUE LIRIOPE	12-15"		CONT.
14	NANDINA DOMESTICA 'HARBOR DWARF'	HARBOR DWARF NANDINA	12"		CONT.

PLANT LIST

QTY.	SCIENTIFIC NAME	COMMON NAME	HEIGHT/ SPREAD	CAL.	REMARKS
	TREES				
6	ACER RUBRUM 'OCTOBER GLORY'	OCTOBER GLORY RED MAPLE	14-16'	2.5"-3"	MATCHED SPECIMEN B&B
4	BETULA NIGRA'HERITAGE'	HERITAGE RIVER BIRCH	12-14'		MATCHED SPECIMEN B&B MULTI-STEM (3 STEMS)
8	ILEX X ATTENUATA 'FOSTERII'	FOSTERS HOLLY	6-8'		MATCHED SPECIMEN B&B FULL TO GROUND
8	LAGERSTOEMIA INDICA 'CAROLINA BEAUTY'	CAROLINA BEAUTY CRAPE MYRTLE	8-10'		MATCHED SPECIMEN B&B MULTI-STEM
3	LIRIODENDRON TULIPIFERA	TULIP POPLAR	12-14'	2"	MATCHED SPECIMEN B&B
37	MYRICA CERIFERA	WAX MYRTLE	6'	2"	MATCHED SPECIMEN B&B TREE FORM
6	QUERCUS LAURIFOLIA	LAUREL OAK	14-16'	2.5"-3"	MATCHED SPECIMEN B&B
3	QUERCUS SHUMARDII	SHUMARD OAK	12-14'	2"	MATCHED SPECIMEN B&B
8	QUERCUS PHELLOS	WILLOW OAK	12-14'	2"	MATCHED SPECIMEN B&B
	SHRUBS AND GROUNDCOVERS				
32	ABELIA GRANDIFLORA	GLOSSY ABELIA	24" HT.		CONT.
48	ABELIA GRANDIFLORA 'SHERWOODII'	SHERWOOD ABELIA	15-18"		CONT.
74	ELAEAGNUS PUNGENS 'FRUITLANDI'	FRUITLAND ELAEAGNUS	24" HT.		CONT.
48	ILEX CORNUTA 'BUFORDII NANA'	DWARF BURFORD HOLLY	30" HT.		CONT
41	ILEX CORNUTA 'CARISSA'	CARISSA HOLLY	15-18"		CONT
56	ILEX CRENATA 'COMPACTA'	COMPACTA HOLLY	30" HT.		CONT.
110	ILEX VOMITORIA 'NANA'	DWARF YAUPON HOLLY	15-18"		CONT.
230	JUNIPERUS CHINENSIS 'PARSONII'	PARSONS JUNIPER	12-15"		CONT.
175	LIRIOPE MUSCARI 'BIG BLUE'	BIG BLUE LIRIOPE	12-15"		CONT.
6	PIERIS JAPONICA	JAPANESE PIERIS	21-24"		CONT.

SEASONAL FLOWERS–+/- 200 S.F.

WINTER-'DELPH' PANSIES SPRING/SUMMER-'PARTYLOVE' BEGONIAS (WHITE) FALL-'CENTAUREA BLUE MIDGET' MUMS



STORM DRAINAGE SCHEDULE

FROM	TO	RIM	UPSTREAM INVERT	DOWNSTREAM INVERT	PIPE
ST#16	JB#15	–	604.00	600.89	80 LF OF 18" RCP @ 3.89%
JB#15	DI#21	613.00	606.50	605.15	40 LF OF 15" RCP @ 3.38%
FES#10	CB#7	–	605.48	604.26	83 LF OF 24" RCP @ 1.47%
CB#7	CB#8	613.00	609.25	608.50	10 LF OF 18" RCP @ 7.50%
CB#8	DI#9	613.70	610.25	609.45	65 LF OF 15" RCP @ 1.23%
CB#8	DI#10	613.70	611.38	609.45	109 LF OF 15" RCP @ 1.77%
CB#7	DI#8	613.00	606.80	605.68	225 LF OF 24" RCP @ .50%
DI#8	CB#3	616.00	609.48	607.00	180 LF OF 18" RCP @ 1.38%
CB#3	CB#4	614.10	609.75	609.68	10 LF OF 15" RCP @ .75%
CB#4	DI#5	614.20	611.65	609.95	68 LF OF 15" RCP @ 2.57%
CB#3	DI#2	614.10	610.45	609.90	70 LF OF 15" RCP @ .78%
DI#2	DI#20	616.10	620.75	611.85	80 LF OF 15" RCP @ 11.13%
DI#2	DI#1	616.10	610.95	610.65	60 LF OF 15" RCP @ .50%

STORM DRAINAGE STRUCTURES INFORMATION

STRUCTURE	RIM	DETAIL
DI#1	615.20	15/C-7
DI#2	616.10	15/C-7
CB#3	614.10	11&12/C-7
CB#4	614.20	11&12/C-7
DI#5	624.00	15/C-7
DI#6	616.00	15/C-7
CB#7	613.00	11&12/C-7
CB#8	613.70	11&12/C-7
DI#9	616.60	15/C-7
DI#10	617.80	15/C-7
FES#11	–	7/C-7
JB#15	613.00	13/C-7
ST#16	XXXX	9/C-7
YI#17	616.40	17/C-7
YI#18	616.50	17/C-7
YI#19	616.40	17/C-7
DI#20	625.00	15/C-7
DI#21	611.00	15/C-7
DI#22	616.00	[illegible]
DI#23	616.00	[illegible]
DI#24	616.00	[illegible]
DI#25	616.00	15/C-7
YI#26	611.50	17/C-7
YI#27	627.80	17/C-7

NO SOIL DISTURBANCE OR COMPACTION, CONSTRUCTION MATERIALS, TRAFFIC, BURIAL PITS, TRENCHING, OR OTHER LAND DISTURBING ACTIVITY ALLOWED IN THE TREE PROTECTION ZONE. TREE BARRICADES MUST BE INSTALLED BEFORE ANY DEMOLITION, GRADING, OR CONSTRUCTION BEGINS.

CONSTRUCTION SEQUENCE

A. OBTAIN PLAN APPROVAL AND OTHER APPLICABLE PERMITS.
B. CONTACT THE NC DEPT. OF ENVIRONMENT, HEALTH AND NATURAL RESOURCES (NCDEHNR)/LAND QUALITY SECTION TO INFORM THAT CONSTRUCTION IS READY TO BEGIN AND (704) 663-1699
C. INSTALL CONSTRUCTION ENTRANCE AND TREE PROTECTION FENCING PER SHEET C-2. [illegible]
D. INSTALL JB#15, 18" RCP TO SEDIMENT BASIN, & TEMP. SEDIMENT BASIN (5/C-7). [illegible]
E. INSTALL SILT FENCING.
F. CONTACT NCDEHNR/LAND QUALITY FOR APPROVAL OF MEASURES, PRIOR TO GRADING. (704) 663-1699.
G. CLEAR, ROUGH GRADE SITE. STOCKPILE TOPSOIL TO BE RE-USED WHERE SHOWN. HAUL OFF REMAINDER ALONG WITH ANY STUMPS/DEBRIS TO WASTE SITE.
H. INSTALL CURB, UTILITIES, AND STORM DRAINAGE SYSTEM, PLUS STORM DRAIN INLET AND OUTLET PROTECTION DEVICES.
I. SEED ALL DISTURBED AREAS WITH TEMPORARY SEED MIXTURE AT ALL AREAS WHICH WILL NOT BE PAVED, GRAVELED, OR OTHERWISE UNDER CONSTRUCTION 30 DAYS AFTER FINE GRADING OPERATIONS ARE COMPLETE. SEE SEEDING SCHEDULE FOR SEED TYPE, DATES, AND RATES.
J. COMPLETE ALL CONSTRUCTION WITHIN THESE PROJECT LIMITS.
K. EROSION CONTROL MEASURES (BASINS, FENCES, DIVERSION DITCHES) DIRECTLY AFFECTED BY THIS CONTRACT SHALL BE MAINTAINED/REMOVED UNDER THIS CONTRACT. DEVICES SHALL BE MAINTAINED TO MAX. 50% CAPACITY UNTIL AREAS THEY SERVE ARE FULLY STABILIZED.
L. GENERAL CONTRACTOR TO PROVIDE PERMANENT GRASSING FOR ALL DISTURBED AREAS NOT COVERED BY BUILDING OR PAVING.
M. GENERAL CONTRACTOR TO CONTACT NCDEHNR/LQ FOR PERMISSION TO REMOVE EROSION CONTROL DEVICES.
N. GENERAL CONTRACTOR TO REMOVE ALL EROSION CONTROL DEVICES. SPREAD AND SEED ACCUMULATED SEDIMENT.
O. ALL EROSION CONTROL MEASURES SHALL BE IN ACCORDANCE WITH THE N.C. EROSION AND SEDIMENT CONTROL PLANNING AND DESIGN MANUAL, U.S. DEPT. OF AGRICULTURE, AND THE SCS.
P. THE GENERAL CONTRACTOR SHALL DILIGENTLY AND CONTINUOUSLY MAINTAIN ALL EROSION CONTROL DEVICES AND STRUCTURES TO MINIMIZE EROSION. THE CONTRACTOR SHALL MAINTAIN CLOSE CONTACT WITH THE NCDEHNR/LQ SO THAT PERIODIC INSPECTIONS CAN BE CONDUCTED AT APPROPRIATE STAGES OF CONSTRUCTION.

GENERAL NOTES/MAINTENANCE NOTES

All CMLDS "std." numbers refer to the Charlotte/Mecklenburg Land Development Standards Manual.

No on-site burial pit will be located on this site. Contractor responsible for proper disposal of debris.

Any grading beyond the denuded limits shown on the plan is a violation of the State's Erosion Control Ordinance and is subject to a fine.

Grading more than one acre without an approved Erosion Control Plan is a violation of the State's Erosion Control Ordinance and is subject to a fine.

Stabilization is the best form of erosion control. Temporary seeding is necessary to achieve erosion control on large denuded areas and especially when specifically required as part of the construction sequence shown on the plan. All graded slopes must be seeded and mulched within 30 days of completion of grading. All remaining areas are to be seeded and mulched within 120 days.

Permanent stabilization will be achieved with a combination of fescue sod, fescue seed, groundcover, shrubs, trees, and mulch per final landscape plans.

All erosion and sediment control practices will be checked for stability and operation following every runoff-producing rainfall but in no case less than once every week. Any needed repairs will be made immediately to maintain all practices as designed.

Sediment will be removed from the sediment trap and inlet protection devices when storage capacity has been approximately 50% filled. Gravel will be cleaned or replaced when the sediment pool no longer drains properly.

Sediment will be removed from behind the sediment fence when it becomes about 6" deep at the fence. The sediment fence will be repaired as necessary to maintain a barrier.

General Contractor responsible for removing all erosion control devices upon direction from NCDEHNR/LQ official.

Permanent groundcover must be established within the proposed ditches and channels. Additional mechanical measures will be required if vegetative cover can not be established as proposed.

SITE DATA

TOTAL SITE ACREAGE	6.213AC +/-
TOTAL DISTURBED AREA/ GRADING LIMITS	4.4 AC +/-
SCS SOIL TYPES	IrB (IREDELL) MeB (MECKLENBURG) WoD (Wilkes)

NOTES

BOUNDARY AND TOPO SURVEY PROVIDED BY YARBROUGH WILLIAMS 801 CLANTON ROAD SUITE 101 CHARLOTTE, NC (704) 556-1990

SEE C-2 FOR TREE PROTECTION PLAN
SEE C-3 FOR HORIZONTAL CONTROL PLAN
SEE C-5 FOR UTILITY PLAN
SEE C-8 FOR TEMP. SEEDING SPECIFICATIONS

LEGEND

EXISTING CONTOUR
PROPOSED CONTOUR
PROPOSED SPOT ELEVATION
BOTTOM OF CURB
TOP OF CURB
TOP OF WALL
BOTTOM OF WALL
BOTTOM OF STEPS
TOP OF STEPS
HIGH POINT
LOW POINT
BREAK POINT
NEW CATCH BASIN
NEW AREA DRAIN
NEW YARD INLET
NEW RCP
NEW PVC(SDR35)
DIRECTION OF DRAINAGE

CHARLOTTE-MECKLENBURG
PLANNING COMMISSION
INTER-OFFICE COMMUNICATION

TO: Robert Brandon
Zoning Administrator

DATE: March 7, 1997

FROM: Martin R. Cramton, Jr.
Planning Director

SUBJECT: Administrative Approval for Petition No. 95-84 Public Library of Charlotte and Mecklenburg County Tax Parcel # 225-441-37

Attached is a specific landscape plan and grading plan for the new Library located at the corner of Rea Road and Hwy. 51. These plans show a small amount of grading that will be preformed within the 100-foot setback/buffer along Hwy. 51 to accommodate a drainage feature. The landscape plan shows how the area that will be disturbed will be landscaped. Since this change is minor, I am administratively approving this revised plan. Please use this revised plan when evaluating requests for building permits and certificates of occupancy.