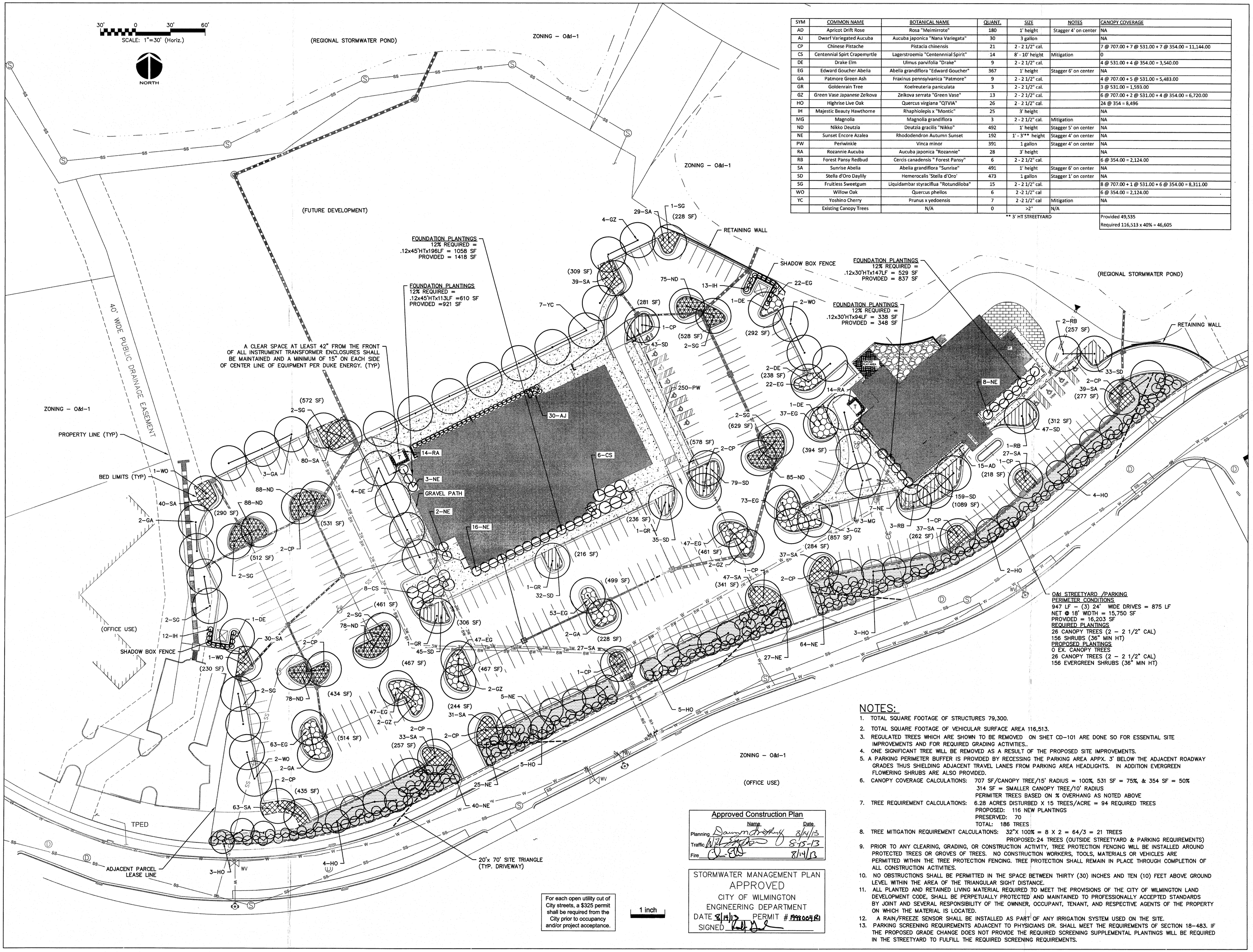

SYM	COMMON NAME	BOTANICAL NAME	QUANT.	SIZE	NOTES	CANOPY COVERAGE
AD	Apricot Drift Rose	Rosa "Meimirrote"	180	1' height	Stagger 4' on center	NA
AJ	Dwarf Variegated Aucuba	Aucuba japonica "Nana Variegata"	30	3 gallon		NA
CP	Chinese Pistache	Pistacia chinensis	21	2 - 2 1/2" cal.		7 @ 707.00 + 7 @ 531.00 + 7 @ 354.00 = 11,144.00
CS	Centennial Spirt Crapemyrtle	Lagerstroemia "Centennnial Spirit"	14	8' - 10' height	Mitigation	0
DE	Drake Elm	Ulmus parvifolia "Drake"	9	2 - 2 1/2" cal.		4 @ 531.00 + 4 @ 354.00 = 3,540.00
EG	Edward Goucher Abelia	Abelia grandiflora "Edward Goucher"	367	1' height	Stagger 6' on center	NA
GA	Patmore Green Ash	Fraxinus pennsylvanica "Patmore"	9	2 - 2 1/2" cal.		4 @ 707.00 + 5 @ 531.00 = 5,483.00
GR	Goldenrain Tree	Koelreuteria paniculata	3	2 - 2 1/2" cal.		3 @ 531.00 = 1,593.00
GZ	Green Vase Japanese Zelkova	Zelkova serrata "Green Vase"	13	2 - 2 1/2" cal.		6 @ 707.00 + 2 @ 531.00 + 4 @ 354.00 = 6,720.00
HO	Highrise Live Oak	Quercus virgiana "QTVIA"	26	2 - 2 1/2" cal.		24 @ 354 = 8,496
IH	Majestic Beauty Hawthorne	Rhaphiolepis x "Montic"	25	3' height		NA
MG	Magnolia	Magnolia grandiflora	3	2 - 2 1/2" cal.	Mitigation	NA
ND	Nikko Deutzia	Deutzia gracilis "Nikko"	492	1' height	Stagger 5' on center	NA
NE	Sunset Encore Azalea	Rhododendron Autumn Sunset	192	1' - 3'** height	Stagger 4' on center	NA
PW	Periwinkle	Vinca minor	391	1 gallon	Stagger 4' on center	NA
RA	Rozannie Aucuba	Aucuba japonica "Rozannie"	28	3' height		NA
RB	Forest Pansy Redbud	Cercis canadensis " Forest Pansy"	6	2 - 2 1/2" cal.		6 @ 354.00 = 2,124.00
SA	Sunrise Abelia	Abelia grandiflora "Sunrise"	491	1' height	Stagger 6' on center	NA
SD	Stella d'Oro Daylily	Hemerocalis 'Stella d'Oro'	473	1 gallon	Stagger 1' on center	NA
SG	Fruitless Sweetgum	Liquidambar styraciflua "Rotundiloba"	15	2 - 2 1/2" cal.		8 @ 707.00 + 1 @ 531.00 + 6 @ 354.00 = 8,311.00
WO	Willow Oak	Quercus phellos	6	2 -2 1/2" cal		6 @ 354.00 = 2,124.00
YC	Yoshino Cherry	Prunus x yedoensis	7	2 -2 1/2" cal	Mitigation	NA
	Existing Canopy Trees	N/A	0	>2"	N/A	
				** 3' HT STREETYARD		Provided 49,535
						Required 116,513 x 40% = 46,605

NOTES:

1. TOTAL SQUARE FOOTAGE OF STRUCTURES 79,300.
2. TOTAL SQUARE FOOTAGE OF VEHICULAR SURFACE AREA 116,513.
3. REGULATED TREES WHICH ARE SHOWN TO BE REMOVED ON SHET CD–101 ARE DONE SO FOR ESSENTIAL SITE IMPROVEMENTS AND FOR REQUIRED GRADING ACTIVITIES..
4. ONE SIGNIFICANT TREE WILL BE REMOVED AS A RESULT OF THE PROPOSED SITE IMPROVEMENTS.
5. A PARKING PERIMETER BUFFER IS PROVIDED BY RECESSING THE PARKING AREA APPX. 3' BELOW THE ADJACENT ROADWAY GRADES THUS SHIELDING ADJACENT TRAVEL LANES FROM PARKING AREA HEADLIGHTS. IN ADDITION EVERGREEN FLOWERING SHRUBS ARE ALSO PROVIDED.
6. CANOPY COVERAGE CALCULATIONS: 707 SF/CANOPY TREE/15' RADIUS = 100%, 531 SF = 75%, & 354 SF = 50%
   314 SF = SMALLER CANOPY TREE/10' RADIUS
   PERIMITER TREES BASED ON % OVERHANG AS NOTED ABOVE
7. TREE REQUIREMENT CALCULATIONS: 6.28 ACRES DISTURBED X 15 TREES/ACRE = 94 REQUIRED TREES
   PROPOSED: 116 NEW PLANTINGS
   PRESERVED: 70
   TOTAL: 186 TREES
8. TREE MITIGATION REQUIREMENT CALCULATIONS: 32"X 100% = 8 X 2 = 64/3 = 21 TREES
   PROPOSED: 24 TREES (OUTSIDE STREETYARD & PARKING REQUIREMENTS)
9. PRIOR TO ANY CLEARING, GRADING, OR CONSTRUCTION ACTIVITY, TREE PROTECTION FENCING WILL BE INSTALLED AROUND PROTECTED TREES OR GROVES OF TREES. NO CONSTRUCTION WORKERS, TOOLS, MATERIALS OR VEHICLES ARE PERMITTED WITHIN THE TREE PROTECTION FENCING. TREE PROTECTION SHALL REMAIN IN PLACE THROUGH COMPLETION OF ALL CONSTRUCTION ACTIVITIES.
10. NO OBSTRUCTIONS SHALL BE PERMITTED IN THE SPACE BETWEEN THIRTY (30) INCHES AND TEN (10) FEET ABOVE GROUND LEVEL WITHIN THE AREA OF THE TRIANGULAR SIGHT DISTANCE.
11. ALL PLANTED AND RETAINED LIVING MATERIAL REQUIRED TO MEET THE PROVISIONS OF THE CITY OF WILMINGTON LAND DEVELOPMENT CODE, SHALL BE PERPETUALLY PROTECTED AND MAINTAINED TO PROFESSIONALLY ACCEPTED STANDARDS BY JOINT AND SEVERAL RESPONSIBILITY OF THE OWNNER, OCCUPANT, TENANT, AND RESPECTIVE AGENTS OF THE PROPERTY ON WHICH THE MATERIAL IS LOCATED.
12. A RAIN/FREEZE SENSOR SHALL BE INSTALLED AS PART OF ANY IRRIGATION SYSTEM USED ON THE SITE.
13. PARKING SCREENING REQUIREMENTS ADJACENT TO PHYSICIANS DR. SHALL MEET THE REQUIREMENTS OF SECTION 18–483. IF THE PROPOSED GRADE CHANGE DOES NOT PROVIDE THE REQUIRED SCREENING SUPPLEMENTAL PLANTINGS WILL BE REQUIRED IN THE STREETYARD TO FULFILL THE REQUIRED SCREENING REQUIREMENTS.

Approved Construction Plan

	Name	Date
Planning	Dawn M. Stefanny	8/14/13
Traffic	Will Hayden	8-15-13
Fire		8/14/13

STORMWATER MANAGEMENT PLAN
APPROVED
CITY OF WILMINGTON
ENGINEERING DEPARTMENT
DATE 8/14/13 PERMIT # 199006481
SIGNED

For each open utility cut of City streets, a $325 permit shall be required from the City prior to occupancy and/or project acceptance.

1 inch

NHRMC OUTPATIENT CARDIOLOGY CENTER

1415 PHYSICIANS DRIVE
WILMINGTON NC, 28402

LS3P ASSOCIATES LTD.
2528 INDEPENDENCE BLVD. SUITE 200
WILMINGTON, NORTH CAROLINA 28412
TEL. 910.790.9901 FAX 910.790.3111
WWW.LS3P.COM

NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT NO. 5697 MARGARET N. GRAY 8/14/13

REVISIONS:

No.	Description	Date
0	DESIGN DEVELOPMENT	02/27/2013
1	TRC COMMENT REVISIONS	04/17/2013
2	TRC COMMENT REVISIONS	06/13/2013
3	TRC COMMENT REVISIONS	07/02/2013
4	TRC COMMENT REVISIONS	07/10/2013
5	TRC COMMENT REVISIONS	08/07/2013

PROJECT: 04853-0015
DATE: 11 JUNE 2013
DRAWN BY: EEM
CHECKED BY: RAM

LANDSCAPE PLAN

RECEIVED
AUG 08 2013
PLANNING DIVISION

CL-101

SOLUTIONS THROUGH LISTENING
SERVICE BY DESIGN

DESIGN DEVELOPMENT

CP 1283

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