

Revision Date January 25, 2007

SITE PLAN FOR ENTIRE CAMPUS

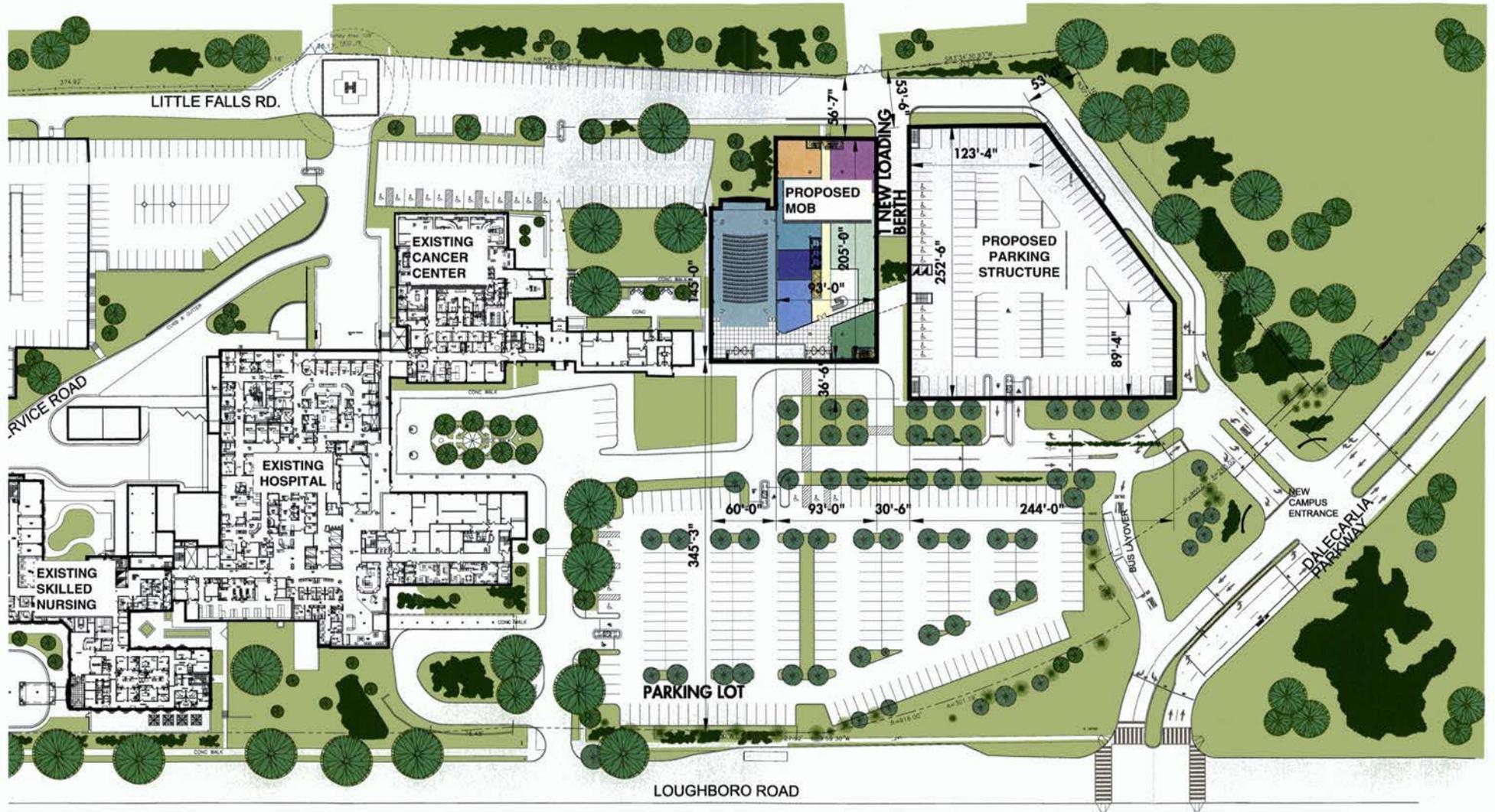


SIBLEY MEMORIAL HOSPITAL
OUTPATIENT / MEDICAL OFFICE BUILDING & GARAGE

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PLANNING COMMISSION
 District of Columbia
 CASE NO. 05-42
 EXHIBIT NO. 160A





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WHAT IS A RAIN GARDEN?

A RAIN GARDEN IS AN ATTRACTIVE LANDSCAPE FEATURE PLANTED WITH PERENNIAL NATIVE PLANTS. IT IS A BOWL-SHAPED GARDEN, DESIGNED TO ABSORB STORMWATER RUN-OFF FROM IMPERVIOUS SURFACES SUCH AS ROOFS AND PARKING LOTS.

RAIN GARDENS CAN BE SMALL, FORMAL, HOMEOWNER STYLE GARDENS, LARGE COMPLEX BIORETENTION GARDENS, OR ANYWHERE IN BETWEEN.

TYPICAL PLANTS FOUND IN A RAIN GARDEN INCLUDE:

- ELDERBERRY (SAMBUCUS CANADENSIS)
- BLACK CHOKEBERRY (ARONIA MELANOCARPA)
- WINTERBERRY HOLLY (ILEX VERTICILLATA)
- ARROWWOOD VIBURNUM (VIBURNUM DENTATUM)
- MISTFLOWER (EUPATORIUM COELESTINUM)
- OX-EYE SUNFLOWER (HELIOPSIS HELIANTHOIDES)
- JOE PYE WEED (EUPATORIUM FISTULOSUM)
- SMITHGRASS (PANICUM VIRGATUM)
- OBEDIENT PLANT (PHYSTOSTEGIA VIRGINIANA)
- BLACK-EYED SUSAN (RUDBECKIA HIRTA)
- BROWN-EYED SUSAN (RUDBECKIA FULGIDA)



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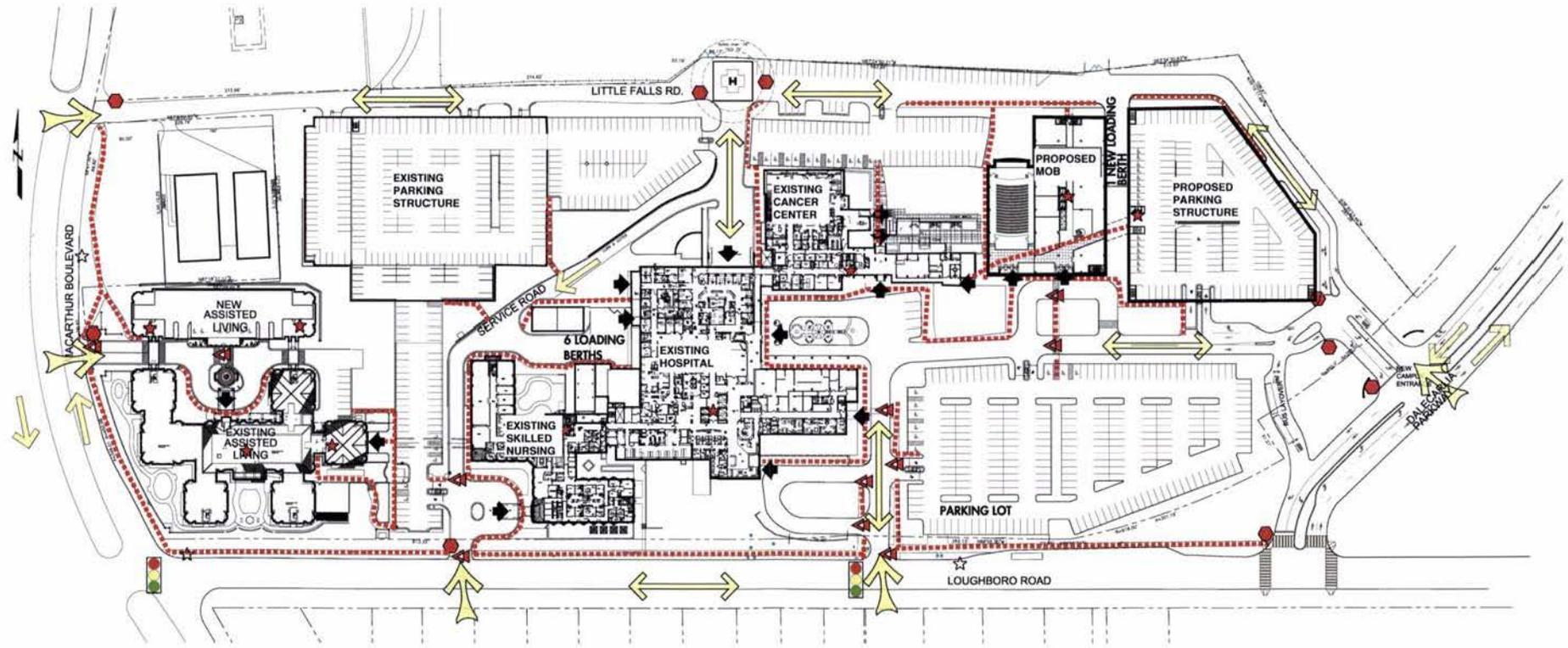
LEWIS SCULLY GIONET
LANDSCAPE ARCHITECTS

WILMOT SANZ
ARCHITECTURE
PLANNING



LEGEND

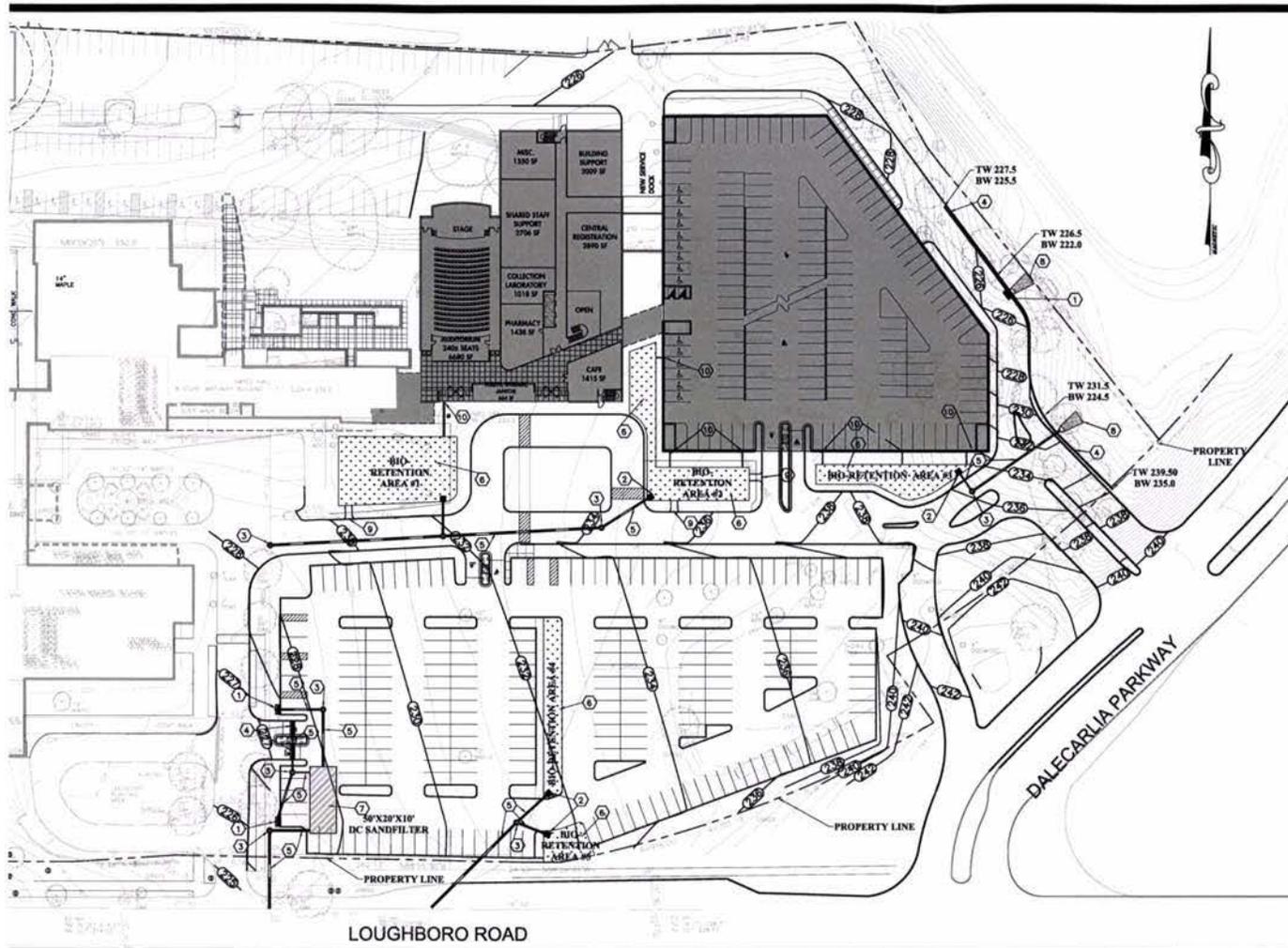
- ★ PRIMARY ELEVATOR BANKS
- STOP SIGN
- ☆ SHUTTLE BUS STOPS
- ◀ PEDESTRIAN / TRAFFIC CROSSWALK
- PEDESTRIAN TRAFFIC
- ↔ VEHICLE TRAFFIC DIRECTION
- ▲ BUILDING ENTRANCE
- ↑ SITE ENTRANCES
- 🚦 TRAFFIC LIGHT



TRAFFIC PLAN FOR ENTIRE CAMPUS

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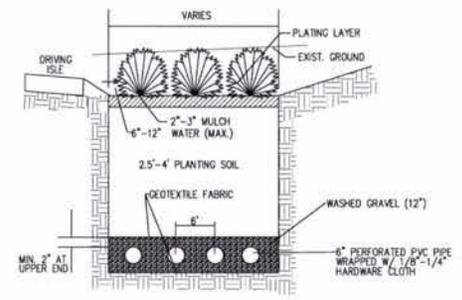




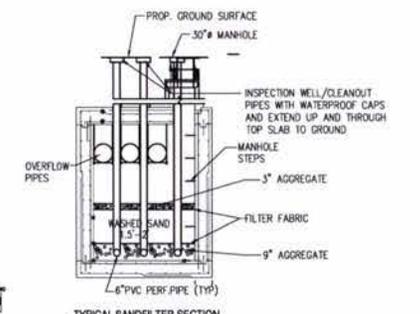
BIO-RETENTION AREA SUMMARY	
AREA #	AREA (SF)
AREA #1	4,476
AREA #2	3,260
AREA #3	1,926
AREA #4	1,876
AREA #5	864
TOTAL	12,402

STORMWATER MANAGEMENT LEGEND

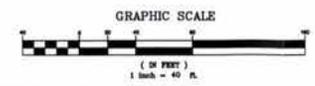
- NEW BUILDING
- ① NEW STORM DRAIN CURB INLET
- ② NEW STORM DRAIN YARD INLET
- ③ NEW STORM DRAIN 48" MANHOLE
- ④ NEW RETAINING WALL
- ⑤ NEW STORM DRAIN PIPE
- ⑥ NEW BIO-RETENTION AREA
- ⑦ NEW DC SANDFILTER FOR BOTH WATER QUALITY AND QUANTITY CONTROL
- ⑧ NEW ENDWALL W/ 15'X10' RIPRAP
- ⑨ NEW CONCRETE STORM DRAIN FLUME
- ⑩ NEW STORM ROOF DRAIN
- TW TOP OF WALL
- BW BOTTOM OF WALL



BIO-RETENTION TYPICAL CROSS-SECTION NOT TO SCALE



TYPICAL SANDFILTER SECTION NOT TO SCALE



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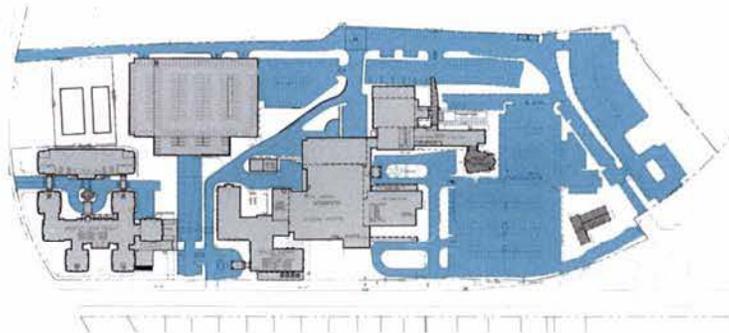
CONCEPT GRADING AND STORMWATER MANAGEMENT PLAN



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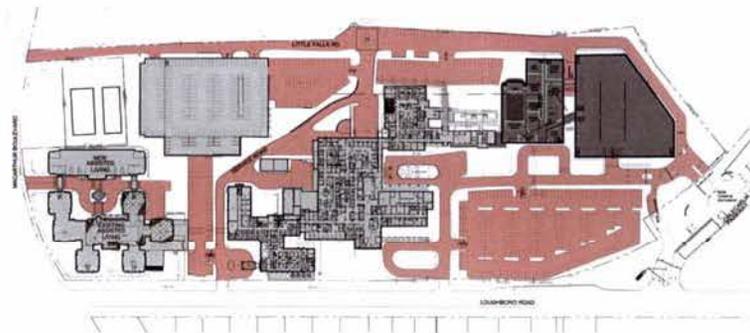
**WILMOT SANZ
ARCHITECTURE
PLANNING**





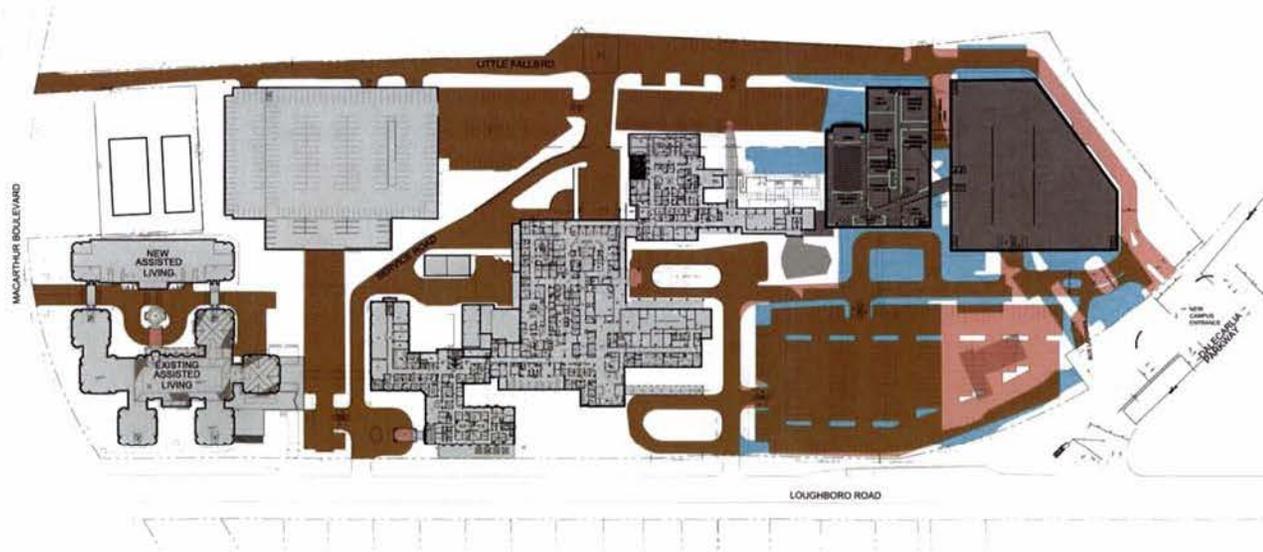
EXISTING SITE COVERAGE

BUILDING AREA	26.98%	240,708.65 SQFT
PAVED AREA	42.10%	375,586.86 SQFT
GREEN SPACE	30.92%	275,806.44 SQFT
TOTAL	100.00%	892,101.95 SQFT



PROPOSED SITE COVERAGE

BUILDING AREA	34.81%	310,532.15 SQFT
PAVED AREA	34.79%	310,339.22 SQFT
GREEN SPACE	30.40%	271,230.58 SQFT
TOTAL	100.00%	892,101.95 SQFT



SITE COVERAGE DIFFERENCE

BUILDING AREA INCREASE	7.83%	69,823.50 SQFT
PAVED AREA	-6.31%	-65,247.64 SQFT
GREEN SPACE	-0.51%	- 4,575.86 SQFT
TOTAL IMPERVIOUS AREA INCREASE	0.51%	4,575.86 SQFT

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IMPERVIOUS AREA COVERAGE



