

Double silt fences shall be utilized in critical areas of the Site at the base of slopes and other locations where the potential for

Any jurisdictional wetlands or streams, if present, shall be protected or proper environmental permits obtained prior to their

The number of vehicular access points to the Site shall be located in the general area depicted on this Technical Data Sheet. The

configuration and ultimate location of these are subject to any minor modifications required to accommodate final site and

architectural construction plans and designs and to any adjustments required for approval by the Charlotte Department of

off-site sedimentation is greatest.

A minimum of 15 percent of the Site shall be devoted to common open space and all open space will be maintained by a

The Petitioner shall install six (6') foot sidewalk, min. eight foot planting strip along the Site's frontage on Carmel Road.

Sidewalk may meander to avoid existing trees. Large maturing trees shall be installed 40 foot on center within the eight

foot planting strip if power line placement allows. Otherwise, small maturing trees 30 foot on center will be installed.

The Petitioner shall provide pedestrian scale lighting along the internal streets. Such lighting shall be provided in

Internal private streets shall include a five foot sidewalk on one side of the street as shown on site plan.

conjunction with applicable utility company regulations and requirements for such lighting.

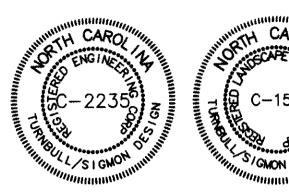
Homeowners Association to be established by the Petitioner.

A F. Streetscape Treatment

TURNBULL • SIGMON DESIGNATION DESIGNATION

Turnbull Sigmon D 1001 Morehead Squ Suite 530 Charlotte, NC 2820 Phone: 704.529.60 Fax: 704.522.0882

LAND DEVELOPMENT DESIGN SERV



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121 West Trade Street 27th Floor Charlotte, NC 28202

Quail Valley

CITY OF CHARLOTTE NORTH CAROLINA

Rezoning Site Plan Petition #2007-114 For Public Hearing

PROJECT NUMBER: 06-025	
DRAWN BY:	SFC, AKK
DESIGNED BY:	SRT
ISSUE DATE:	6/20/07
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NO. DATE: BY: REVISIONS:

(incl. Tree save):

20' Alley Easement

Typical Alley Cross-Section

¼"/ft.→

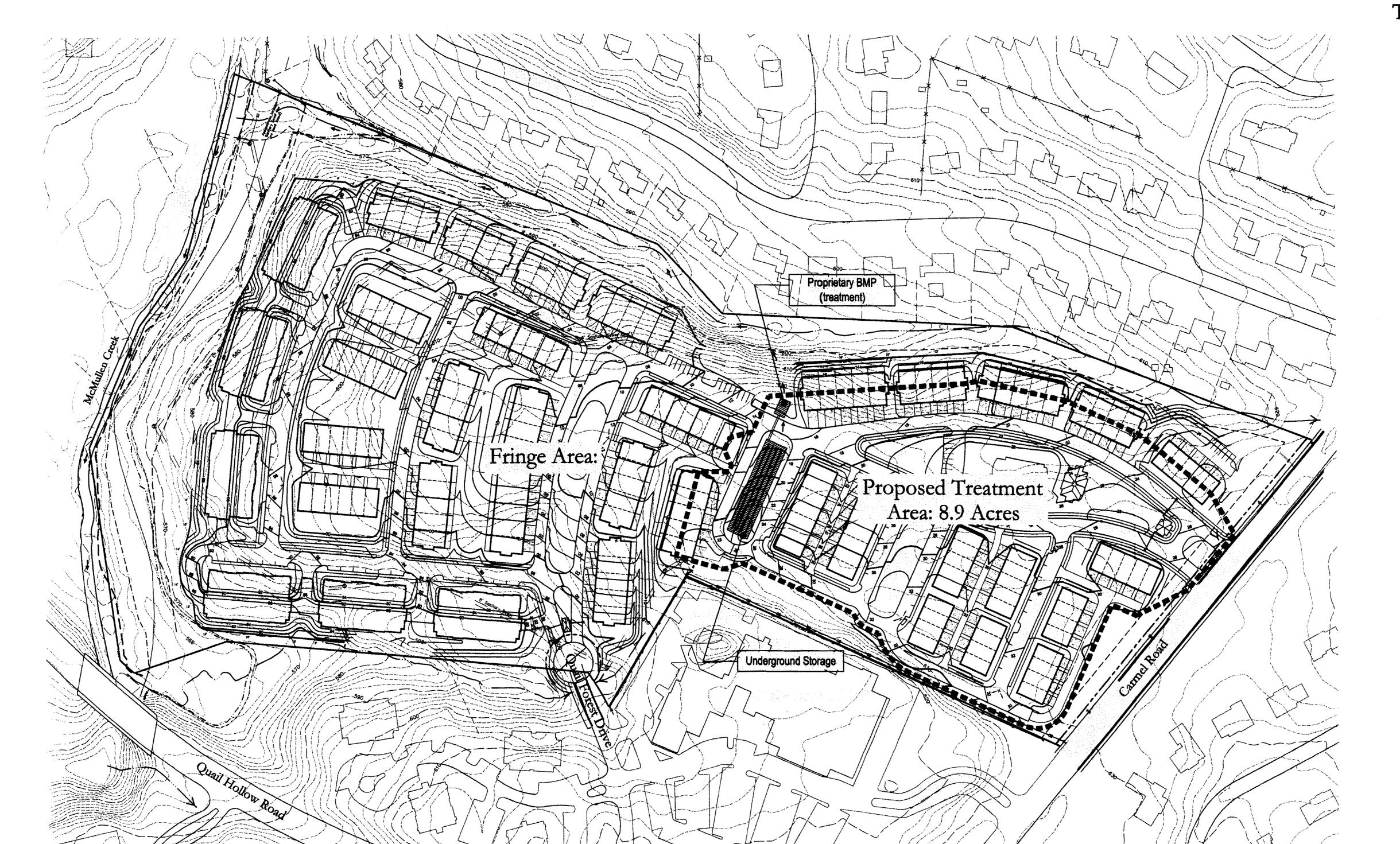
Inverted Crown

1'X1' Conc. Band-

1.5" I-2 Asphalt

3.37 ac. (10%)

Min. 5.06 ac. (15%)



Development Data

Site Area:	33.7 ac.
Existing Impervious Area:	12.1 ac (35.9%)
Proposed Impervious Area:	15.7 ac (46.5%)
Net Impervious Incease:	3.6 ac (increase)

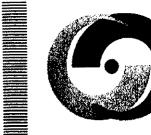
Water Quality Summary

Proposed Treatment Area:	8.9 ac.
Proposed Treatment Area Impervious %	46.5%
Proposed Impervious Area Treated	4.1 ac

Stormwater Treatment

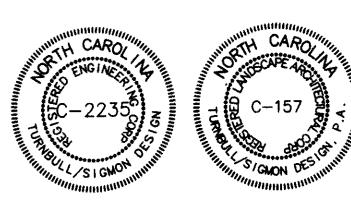
- 1. Fringe area will not require storm water detention or treatment.
- 2. Proposed treatment area shall be captured in a storm drainage system and treated for water quality using an underground proprietary storm water BMP.
- 3. Proprietary storm water BMP shall use filter technology.
- 4. The 1 year 6 hour storm shall be captured in an underground storage system and released to BMP in a controlled manner.
- 5. Storm water treatment system will be offered to City of Charlotte
 Storm Water Services for monitoring and testing.
 6. Storm water detention is not required for proposed treatment area for
- the 2 year, 10 year and 25 year events.

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121 WEST TRADE STREET 27TH FLOOR CHARLOTTE, NC 28202

Quail Valley

CITY OF CHARLOTTE NORTH CAROLINA

Storm Water Management Plan

Petition #2007-114 For Public Hearing

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	PROJECT NUMBER: 06-025	
	DRAWN BY:	всм
	DESIGNED BY:	всм
	ISSUE DATE:	8/20/07
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