RESIDENTIAL STREET

TYPICAL PAVEMENT SECTION

NOTES:
1. ELEVATION OF SIDEWALK SHALL BE NO LESS THAN 6" OR MORE THAN 18" ABOVE THE ROADWAY CROWN.
2. SIDEWALK EASEMENT MAY BE ALLOWED.
3. WHEN CLASS VI STREETS ARE TO BE EXTENDED, TRAFFIC CALMING MEASURES SHALL BE CONSIDERED IN COLLABORATION WITH THE TOWN PLANNING DIRECTOR AND TOWN ENGINEER.
4. 12' LANES PROVIDED TO ACCOMMODATE INFORMAL ON-STREET PARKING; 15' MIN DISTANCE BETWEEN PARKED VEHICLES.

PAVEMENT SCHEDULE
© 3" BITUMINOUS CONCRETE SURFACE COURSE, TYPE S9.5B AND S9.5A (SEE LEFT)
© 8" COMPACTED AGGREGATE BASE COURSE
© 2'-0" VALLEY GUTTER
© 4" CONCRETE SIDEWALK (6" THROUGH DRIVEWAYS)

PAVEMENT NOTES:
1. SUBGRADE MUST BE TESTED BY AN INDEPENDENT TESTING LAB, AND HAVE A DENSITY OF 100% IN ACCORDANCE WITH AASHTO-T99; BASE COURSE MUST HAVE A DENSITY OF 90% FOR B.C.B.C. AND 100% FOR A.B.C., IN ACCORDANCE WITH AASHTO-T180 SURFACE COURSE SHALL BE COMPACTED TO A DENSITY OF 95%. ALL TESTS TO BE CONDUCTED BY AN INDEPENDENT TESTING FIRM AT THE DEVELOPERS EXPENSE, AND THE RESULTS SENT TO MECKLENBURG LUESA AND TO THE TOWN ENGINEER.
   (FOR ADDITIONAL TESTING AND REPAIR STANDARDS PLEASE REFER TO MECKLENBURG COUNTY LAND DEVELOPMENT STANDARDS SPECIFICATIONS AND SPECIAL PROVISION NOTES)
2. FINAL LIFT OF ASPHALT TO BE APPLIED AFTER 1% OF DEVELOPMENT OCCUPANCY OR 1 YEAR AFTER BASE COURSE ACCEPTANCE (WHICHEVER OCCURS FIRST).

APPROVED DATE 02/2007

MECKLENBURG COUNTY
LAND DEVELOPMENT STANDARDS

MATTHEWS TYPICAL SECTION
LOCAL RESIDENTIAL STREET
COMPREHENSIVE STREET CLASSIFICATION SYSTEM (CLASS VI)
RESIDENTIAL STREET

TYPICAL PAVEMENT SECTION

NOTES:
1. ELEVATION OF SIDEWALK SHALL BE NO LESS THAN 6" OR MORE THAN 18" ABOVE THE ROADWAY CROWN.
2. LIMITED USE OF THIS TYPICAL SECTION PER UDO CHAPTER 7 PUBLIC IMPROVEMENT STANDARDS; PRIOR APPROVAL FROM PLANNING DIRECTOR AND TOWN ENGINEER REQUIRED.
3. SIGNS MUST BE POSTED RESTRICTING ON-STREET PARKING TO KEEP CLEAR 15' FOR EMERGENCY SERVICES. ENFORCEMENT OF SIGNS IS THE RESPONSIBILITY OF THE HOA. ADEQUATE GUEST PARKING MUST BE MADE AVAILABLE ELSEWHERE ON SITE.

PAVEMENT SCHEDULE
1. 3" BITUMINOUS CONCRETE SURFACE COURSE, TYPE S9.5B AND S9.5A (SEE LEFT)
2. 8" COMPACTED AGGREGATE BASE COURSE
3. 2"-0" VALLEY GUTTER
4. 4" CONCRETE SIDEWALK (6" THROUGH DRIVEWAYS)

PAVEMENT NOTES:
1. SUBGRADE MUST BE TESTED BY AN INDEPENDENT TESTING LAB, AND HAVE A DENSITY OF 100% IN ACCORDANCE WITH AASHTO—T99; BASE COURSE MUST HAVE A DENSITY OF 90% FOR B.C.B.C. AND 100% FOR A.B.C. IN ACCORDANCE WITH AASHTO—T180 SURFACE COURSE SHALL BE COMPACTED TO A DENSITY OF 95%. ALL TESTS TO BE CONDUCTED BY AN INDEPENDENT TESTING FIRM AT THE DEVELOPERS EXPENSE, AND THE RESULTS SENT TO MECKLENBURG LUESA AND TO THE TOWN ENGINEER. (FOR ADDITIONAL TESTING AND REPAIR STANDARDS REFER TO MECKLENBURG COUNTY LAND DEVELOPMENT STANDARDS SPECIFICATION AND SPECIAL PROVISION NOTES)
2. FINAL LIFT OF ASPHALT TO BE APPLIED AFTER MEETING % DEVELOPMENT OCCUPANCY OR 1 YEAR AFTER BASE COURSE ACCEPTANCE (WHICHEVER COMES FIRST)

MECKLENBURG COUNTY
LAND DEVELOPMENT
STANDARDS

MATTHEWS TYPICAL SECTION
LOCAL LIMITED RESIDENTIAL STREET
COMPREHENSIVE STREET CLASSIFICATION SYSTEM (CLASS VI—L)

APPROVED DATE: 02/2007
RESIDENTIAL STREET

PAVEMENT SCHEDULE

C 3" BITUMINOUS CONCRETE SURFACE COURSE, TYPE 1 1/2" S9.5B AND 1 1/2" SF9.5A (SEE LEFT)
E 8" COMPACTED AGGREGATE BASE COURSE
R 2'-0" VALLEY GUTTER
S 4" CONCRETE SIDEWALK (6" THROUGH DRIVEWAYS)

PAVEMENT NOTES:
1. SUBGRADE MUST BE TESTED BY AN INDEPENDENT TESTING LAB, AND HAVE A DENSITY OF 100% IN ACCORDANCE WITH AASHTO--T99; BASE COURSE MUST HAVE A DENSITY OF 90% FOR B.C.B.C. AND 100% FOR A.B.C. IN ACCORDANCE WITH AASHTO--T180 SURFACE COURSE SHALL BE COMPACTED TO A DENSITY OF 95%. ALL TESTS TO BE CONDUCTED BY AN INDEPENDENT TESTING FIRM AT THE DEVELOPERS EXPENSE, AND THE RESULTS SENT TO MECKLENBURG LUESA AND TO THE TOWN ENGINEER.
2. FINAL LIFT OF ASPHALT TO BE APPLIED AFTER MEETING % DEVELOPMENT OCCUPANCY OR 1 YEAR AFTER BASE COURSE ACCEPTANCE (WHICHEVER OCCURS FIRST).

MECKLENBURG COUNTY
LAND DEVELOPMENT
STANDARDS

MATTHEWS TYPICAL SECTION
RESIDENTIAL COLLECTOR STREET
COMPREHENSIVE STREET CLASSIFICATION SYSTEM (CLASS V)

APPROVED DATE: 02/2007

REVISIONS

NOTES:
1. THE ELEVATION OF THE SIDEWALK SHALL BE NO LESS THAN 6" OR MORE THAN 8" ABOVE THE ROADWAY CROWN.
2. SIDEWALK EASEMENT MAY BE REQUIRED.
3. REFER TO UDO 155.701.C.3 FOR APPLICABILITY.
NOTES:
1. CURB AND GUTTER STREETS MAY USE VALLEY GUTTER OR STANDARD CURB AND GUTTER.
2. ALTERNATIVE CUL–DE–SAC DESIGNS, INCLUDING ISLANDS, SHALL BE SUBMITTED TO MECKLENBURG COUNTY, LUESA AND TOWN ENGINEERING DEPARTMENT FOR APPROVAL.
3. THE CROWN FOR PAVEMENT SHALL BE 1/4" PER FT. FROM THE CENTER OF THE CUL–DE–SAC.
4. 6' SIDEWALK IS REQUIRED AROUND THE BULB OF THE CUL–DE–SAC.
5. MAXIMUM CUL–DE–SAC LENGTH IS 800' FOR CLASS VI STREETS AND 500' FOR STREET WITH 54' R/W (CLASS VI–L)
6. PAVEMENT DESIGN SHALL BE CONSISTENT WITH CLASS VI OR CLASS VI–L DEpending on ROAD SECTION SPECIFIED

REVISIONS

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APPROVED DATE: 02/2007

MECKLENBURG COUNTY
LAND DEVELOPMENT
STANDARDS

MATTHEWS RESIDENTIAL
CUL–DE–SAC DETAIL