

GENERAL NOTES:

1. FOR STREAMS CARRYING 500 ACRES OR MORE OF SURFACE RUNOFF, THE EASEMENT REQUIREMENT IS TO BE THE WIDTH OF THE STREAM FROM TOP OF BANK TO TOP OF BANK, PLUS (+)10' ON EACH SIDE OF STREAM. (40' MINIMUM WIDTH)
2. FOR OPEN CHANNELS THE MINIMUM EASEMENT MUST CONTAIN THE WIDTH OF THE STREAM FROM TOP OF BANK TO TOP BANK.
3. WIDER EASEMENT WIDTHS MAY BE REQUIRED FOR PIPE DEPTHS GREATER THAN TEN FEET.
4. PIPE SYSTEMS AND OPEN CHANNELS ON PRIVATE PROPERTY SHALL BE PLACED IN A STORM DRAINAGE EASEMENT.
5. PIPE SYSTEMS SHALL TYPICALLY BE PLACED ALONG THE CENTERLINE OF THE STORM DRAINAGE EASEMENT
6. WHERE DUAL PIPES ARE PROPOSED, 1/2 OF THE STANDARD WIDTH FOR THE RESPECTIVE PIPE SIZE SHALL BE OFFSET FROM THE CENTERLINE OF EACH BARREL.

Easement Requirements for  
Open Storm Drainage Channels

Area in Acreage	Easement Requirement
0-45 ac.	20'
45-120 ac.	30'
120-500 ac.	40'
500 ac.+	see note

Easement Requirements for Storm Drain Pipe

Pipe Size	Easement Requirement
15"	15'
18"	15'
24"	15'
30"	20'
36"	20'
42"	25'
48"	25'
54"+	30'MIN (VARIES)

NOT TO SCALE



CITY OF CHARLOTTE  
LAND DEVELOPMENT STANDARDS  
INCLUDES CHARLOTTE ETJ

MINIMUM DRAINAGE EASEMENT  
REQUIREMENTS FOR STORM DRAIN PIPES  
AND OPEN CHANNELS

STD. NO.	REV.
20.30	24