



Inlet #1
26,000 SF of paving divided by 32 = 81 GPM
1,250 SF of roof area divided by 26 = 48 GPM
TOTAL: 129 GPM at inlet #1

Inlet #2
1,824 SF of paving divided by 32 = 57 GPM
TOTAL: 57 GPM for inlet #2

Inlet #3
4,740 SF of paving divided by 32 = 148 GPM
TOTAL: 148 GPM for inlet #3

Catch basin #4
192 SF of paving divided by 32 = 6 GPM
TOTAL: 6 GPM for catch basin #4

Roof conductor
Flat roof area 2,100 SF of roofing divided by 26 = 81 GPM
1,250 SF of metal roof x 2 = 2,500 SF divided by 26 = 96 GPM
TOTAL: 177 GPM for roof conductor

Downspout
1,250 SF of metal roof divided by 26 = 48 GPM
TOTAL: 48 GPM for downspout

Inlet #5
23,800 SF of paving divided by 36 = 732 GPM
TOTAL: 732 GPM for inlet #5

Note: site is exempt from storm water management plan due to the size limitations listed above.



I-94

Silvernail Road
Waukeshaw, WI

Storm Drainage Plan 3

R E N N E R
a r c h i t e c t s
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