



IMPERVIOUS AREAS TRIBUTARY TO WO FACILITY

BMP SUMMARY TABLE

BMP	TRIBUTARY AREA	IMP. AREA	IMPERVIOUS %	TC	WATER QUALITY FLOW
HYDRODYNAMIC SEPARATOR	6.45 AC	3.31 AC	51.32%	15 MIN.	4.21 CFS
CDS 4030					

CONSTRUCTION SITE RUNOFF SHALL NOT FLOW INTO THE WATER QUALITY BMP(S). ALL STORMWATER FLOW TO THE WATER QUALITY BMP(S) SHALL BE DIVERTED, PLUGGED, OR DISCONNECTED UNTIL THE CONSTRUCTION SITE IS STABLE AND THE CITY OF O'FALLON'S INSPECTOR PROVIDES APPROVAL TO PLACE THE BMP(S) ONLINE.

THIS PLAN IS FOR THE CALCULATION OF DRAINAGE AREAS ONLY AND IS NOT TO BE USED, IN ANY PART, FOR CONSTRUCTION.

BENCHMARK

56-19 ELEV=499.54 LOCATED 270 FEET N/W OF THE INTERSECTION OF HIGHWAY 94 AND HIGHWAY D ON THE NORTH SIDE OF WESTBOUND LANES OF HIGHWAY 40 NEAR A FIELD ENTRANCE GOING NORTH FOR THE WESTBOUND LANES OF HIGHWAY 40. IT IS 24.55 FEET NE OF A P.K. NAIL IN THE CENTER LINE OF WESTBOUND HWY 40, 39.2 FEET SW OF THE CENTER OF THE TOP OF THE NORTHWEST END OF A CORRUGATED METAL PIPE.

WO AREA
 TRIBUTARY AREA = 6.45 ac.
 IMPERVIOUS AREA = 3.31 ac.
 PERCENT IMP. = 51.32%

NEW PRIMARY CARE CLINIC
 16216 ST
 RE: 15-15-00

I-64 EXIT RAMP
 (VARIABLE WIDTH)



SCALE: 1"=30'

PROJECT TITLE

MERCY CLINIC - WINGHAVEN BLVD.
 2223 Technology Dr.
 O'Fallon, Missouri 63366

Consulting Engineers



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 EXPIRES: 01/01/2012

THE SEAL OF MICHAEL J. VELLOFF ON THIS DRAWING APPLIES ONLY TO THE CIVIL/ENGINEERING WORK. IT DOES NOT APPLY TO ANY OTHER WORK OR RESPONSIBILITY. THE SEAL DOES NOT APPLY TO ANY OTHER WORK OR RESPONSIBILITY. THE SEAL DOES NOT APPLY TO ANY OTHER WORK OR RESPONSIBILITY.



DATE: 2012-10-05

Mercy
 SWIS JOB NUMBER:
1510-153209-0521

SCALE: NOTED

Developer / Owner Information

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Water Quality Drainage Map

P+Z No. 9831.62

Approved Sept. 6, 2012

Page No.

C17

No.	Date	Revision
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