

# ENG-PUDSP22007-R2-PDR.pdf Markup Summary

4 (3)

significant overlot grading (import fill) that which states NOT to use Group "A" soils if overlot in all hydrologic calculations.

developed runoff



**Subject:** Callout  
**Page Index:** 4  
**Date:** 1/25/2023 2:31:10 PM  
**Author:** dsdrice  
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developed runoff

wever, given that si  
and DCM 5.3.4 whic  
"B" soils will be usec

**Subject:**  
**Page Index:** 4  
**Date:** 1/25/2023 2:30:33 PM  
**Author:** dsdrice  
**Color:** ■  
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DCM 5.3.4

Group "A" soils, however, given that significant over throughout the site and DCM 5.3.4 which states NOT occur, thus, Group "B" soils will be used in all hydrologic calculations.  
This is for SCS calculations in disturbed areas, not pre-development conditions which shall be based on the pre-development soils

**Subject:** Callout  
**Page Index:** 4  
**Date:** 1/25/2023 2:31:50 PM  
**Author:** dsdrice  
**Color:** ■  
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This is for SCS calculations in disturbed areas, not pre-development conditions which shall be based on the pre-development soils

14 (4)

Include the area to the east  
all contained within basin SC3-16A as defined by M&S Civil Consultants, approved in the permit. The area consists of 2.1 Ac. of rear yard.

**Subject:** Callout  
**Page Index:** 14  
**Date:** 1/25/2023 1:23:29 PM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 13

Include the area to the east

show on plan  
all contained within basin SC3-16A as defined by M&S Civil Consultants, approved in the permit. The area consists of 2.1 Ac. of rear yard.

**Subject:** Callout  
**Page Index:** 14  
**Date:** 1/25/2023 1:24:16 PM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
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**Page Label:** 13

show on plan

reat at Timber  
in a natural sw  
orary sediment

**Subject:**  
**Page Index:** 14  
**Date:** 1/25/2023 1:25:35 PM  
**Author:** dsdrice  
**Color:** ■  
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**Space:**  
**Page Label:** 13

natural

scribe any temporary sediment basins and  
or safe routing further downstream.  
constructed?  
of near year and a small portion of the  
at at Timber Ridge Filing No. 2  
n a natural swale along the common  
rary sediment basin at the end of Bison  
dge development. With the development of

**Subject:** Callout  
**Page Index:** 14  
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**Author:** dsdrice  
**Color:** ■  
**Layer:**  
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constructed?

15 (1)

In the upstream developed flows from Bridge Point 1 and  
and further south within Riparian Reach  
ation of 2.5 ft. of the proposed design indicated at  
right just east of Sand Creek and tributary to a proposed  
worthy extension of Sand Creek Branch No. 1. Design  
the developed flow will then continue within the riparian  
S. 2 and be routed to a large diameter stormwater  
ation.  
Address how flows are conveyed  
in the interim condition  
ation of S.B.A.C. of the anticipated tributary area for the  
of the Riparian Reach, and adjacent developments. These

**Subject:** Callout  
**Page Index:** 15  
**Date:** 1/25/2023 1:29:13 PM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 14

Address how flows are conveyed in the interim condition

16 (1)

h this development and off-site  
g No. 1.  
Verify  
all contained within basin SC3-  
d by M&S Civil Consultants, app

**Subject:** Callout  
**Page Index:** 16  
**Date:** 1/25/2023 1:34:35 PM  
**Author:** dsdrice  
**Color:** ■  
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Verify

17 (3)

State that this is ultimate  
design. Address interim  
in FDR.  
Update per MHFD sheet  
redlines

**Subject:** Text Box  
**Page Index:** 17  
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**Author:** dsdrice  
**Color:** ■  
**Layer:**  
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State that this is ultimate design. Address interim in FDR.

Update per MHFD sheet redlines

$Q_5 = 323$  cfs,  $Q_{100} = 499$  cfs  
 $Q_5 = 24.2$  cfs,  $Q_{100} = 150.5$  cfs  
 $Q_5 = 57.3$  cfs,  $Q_{100} = 256.4$  cfs  
ch Metro District)

**Subject:**  
**Page Index:** 17  
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**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 16

57.3 cfs,  $Q_{100} = 256.4$  cfs

100 = 174.9 cfs).  
uteasterly dir  
t this location.

**Subject:**  
**Page Index:** 17  
**Date:** 1/25/2023 2:26:36 PM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 16

easterly

18 (1)



**Subject:** Callout  
**Page Index:** 18  
**Date:** 1/25/2023 2:35:24 PM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 17

Sand Creek and

19 (2)

is a 42" R

**Subject:**  
**Page Index:** 19  
**Date:** 1/25/2023 2:51:53 PM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 18

42



**Subject:** Callout  
**Page Index:** 19  
**Date:** 1/25/2023 2:55:33 PM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 18

Address allowable criteria for a Principal Arterial ("The depth of water shall not exceed 8 inches at the gutter flow line with no curb overtopping.")

29 (1)



**Subject:** Callout  
**Page Index:** 29  
**Date:** 1/25/2023 3:02:44 PM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 25

Provide an outline of this site

61 (2)

P1-D	31.4
P1-E1	30.4
P1-E2	21.8
P1-F	76.7
TR-V	2.1
TR-W	1.4
TOTAL	220.9

**Subject:**  
**Page Index:** 61  
**Date:** 1/25/2023 3:10:55 PM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
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**Page Label:** 51

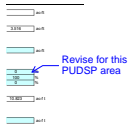
P1-F 76.7

P1-E1	30.4
P1-E2	21.8
P1-F	76.7
TR-V	2.1
TR-W	1.4
TOTAL	220.9

**Subject:**  
**Page Index:** 61  
**Date:** 1/25/2023 3:10:58 PM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 51

TR-V 2.1

63 (1)



**Subject:** Callout  
**Page Index:** 63  
**Date:** 1/25/2023 3:12:21 PM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 77

Revise for this PUDSP area

66 (2)



**Subject:** Callout  
**Page Index:** 66  
**Date:** 1/25/2023 3:13:47 PM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** [1] Model

Hatch these areas



**Subject:** Callout  
**Page Index:** 66  
**Date:** 1/25/2023 3:14:17 PM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** [1] Model

Correct these areas

68 (3)

46.00%
0.0%
100.0%

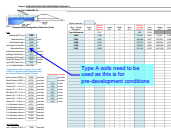
**Subject:**  
**Page Index:** 68  
**Date:** 1/25/2023 2:24:20 PM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 81

0.0%

0.0%	pt
100.0%	pt
0.0%	pt

**Subject:**  
**Page Index:** 68  
**Date:** 1/25/2023 2:24:22 PM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 81

100.0%




**Subject:** Callout  
**Page Index:** 68  
**Date:** 1/25/2023 2:33:47 PM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 81

Type A soils need to be used as this is for pre-development conditions

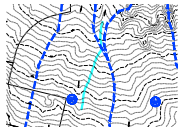
70 (2)




**Subject:**  
**Page Index:** 70  
**Date:** 1/25/2023 3:15:06 PM  
**Author:** dsdrice  
**Color:**   
**Layer:**  
**Space:**  
**Page Label:** 83


**Subject:** 20.3 57.3 88.3 160.1 201.2 256.4  
**Page Index:** 70  
**Date:** 1/25/2023 3:15:15 PM  
**Author:** dsdrice  
**Color:**   
**Layer:**  
**Space:**  
**Page Label:** 83

76 (2)



**Subject:**  
**Page Index:** 76  
**Date:** 1/25/2023 11:55:15 AM  
**Author:** dsdrice  
**Color:**   
**Layer:**  
**Space:**  
**Page Label:** [1] SHEET 2




**Subject:** Callout  
**Page Index:** 76  
**Date:** 1/25/2023 11:55:40 AM  
**Author:** dsdrice  
**Color:**   
**Layer:**  
**Space:**  
**Page Label:** [1] SHEET 2

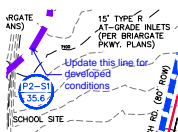
Show flow path


79 (3)



**Subject:** Text Box  
**Page Index:** 79  
**Date:** 1/25/2023 1:16:44 PM  
**Author:** dsdrice  
**Color:**   
**Layer:**  
**Space:**  
**Page Label:** [1] SHEET 2

See SP-22-004 PDR/MDDP comments



**Subject:** Callout  
**Page Index:** 79  
**Date:** 1/25/2023 2:37:34 PM  
**Author:** dsdrice  
**Color:**   
**Layer:**  
**Space:**  
**Page Label:** [1] SHEET 2

Update this line for developed conditions

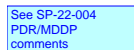


**Subject:** Callout  
**Page Index:** 79  
**Date:** 1/25/2023 3:17:43 PM  
**Author:** dsdrice  
**Color:** ■  
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**Page Label:** [1] SHEET 2

See E911 comments on road names.

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80 (1)



**Subject:** Text Box  
**Page Index:** 80  
**Date:** 1/25/2023 1:19:41 PM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
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**Page Label:** [1] SHEET 3

See SP-22-004 PDR/MDDP comments

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81 (7)



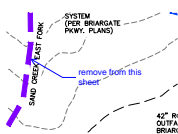
**Subject:** Callout  
**Page Index:** 81  
**Date:** 1/25/2023 1:13:54 PM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** [1] SHEET 1

Label P1-E1



**Subject:** Callout  
**Page Index:** 81  
**Date:** 1/25/2023 1:33:35 PM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** [1] SHEET 1

Show sub-basins

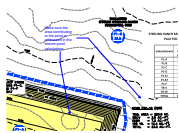


**Subject:** Callout  
**Page Index:** 81  
**Date:** 1/25/2023 1:32:59 PM  
**Author:** dsdrice  
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**Space:**  
**Page Label:** [1] SHEET 1

remove from this sheet



**Subject:**  
**Page Index:** 81  
**Date:** 1/25/2023 1:36:51 PM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** [1] SHEET 1



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**Subject:** Callout  
**Page Index:** 81  
**Date:** 1/25/2023 1:37:26 PM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** [1] SHEET 1

Make sure the area contributing to the pond is addressed in the interim pond calculations



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**Subject:**  
**Page Index:** 81  
**Date:** 1/25/2023 3:20:59 PM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** [1] SHEET 1



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**Subject:**  
**Page Index:** 81  
**Date:** 1/25/2023 3:21:00 PM  
**Author:** dsdrice  
**Color:** ■  
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**Space:**  
**Page Label:** [1] SHEET 1