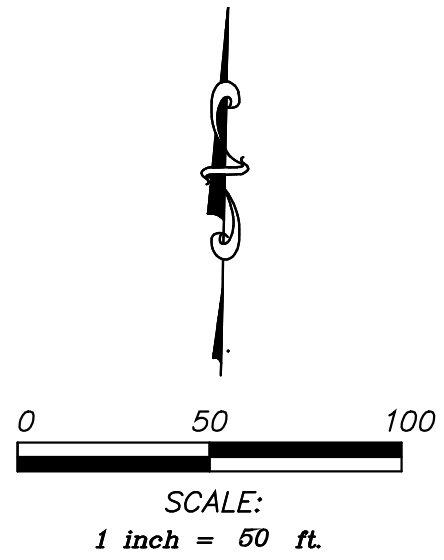


LEGEND FOR BMP AREAS

- DISTURBED AREA TRIBUTARY TO BIORETENTION AND/OR PERVIOUS PAVEMENT
- UNDISTURBED AREA TRIBUTARY TO BIORETENTION AND/OR Pervious PAVEMENT
- BYPASS AREA



FUTURE DISTURBANCE NOTE
STORMWATER MANAGEMENT NOTE:
LAND AREA DISTURBED= 6.04 ACRES
ANY FUTURE LAND DISTURBANCE AND/OR INCREASE IN IMPERVIOUS AREA ON THIS SITE REQUIRES ADDITIONAL STORM WATER MANAGEMENT PER MSD REGULATIONS IN PLACE AT THAT TIME.

BMP TABLE-TRIBUTARY TO BIORETENTION 'A'				
AREA	ACRES	BLDG./P.V.M.T.	POROUS ASPHALT/GRASS	DESCRIPTION
1	1.90	1.09 ACRES	0.81 ACRES	UNDISTURBED
3	3.09	2.23 ACRES	0.86 ACRES	DISTURBED
4	0.01	0.01 ACRES	0 ACRES	DISTURBED
5	0.53	0.04 ACRES	0.49 ACRES	UNDISTURBED
6	0.31	0.03 ACRES	0.28 ACRES	DISTURBED
TOTAL=		5.84	3.40 ACRES	2.44 ACRES

BMP TABLE-TRIBUTARY TO POROUS PAVEMENT BMP 'B'				
AREA	ACRES	BLDG./P.V.M.T.	POROUS ASPHALT/GRASS	DESCRIPTION
8	0.50	0 ACRES	0.50 ACRES	DISTURBED
TOTAL=		0.50	0 ACRES	0.50 ACRES

RATIO OF DRAINAGE AREA TO PERVIOUS PAVEMENT AREA
GRAVEL SECTION B AREA (SHEET C10) = 6,386 S.F.
DRAINAGE AREA TO GRAVEL SECTION B = 11,359 S.F.
RATIO = 11,359/6,386 = 1.78:1 < 2:1

BMP TABLE-BYPASS				
AREA	ACRES	BLDG./P.V.M.T.	GRASS	DESCRIPTION
2	0.10	0.01 ACRES	0.09 ACRES	DISTURBED
7	0.90	0.34 ACRES	0.56 ACRES	DISTURBED
9	0.29	0 ACRES	0.29 ACRES	DISTURBED
10	0.11	0.03 ACRES	0.08 ACRES	DISTURBED
11	0.73	0.49 ACRES	0.24 ACRES	DISTURBED
TOTAL=		2.13	0.87 ACRES	1.26 ACRES

TOTAL UNDISTURBED PAVEMENT THAT IS TREATED: 1.13 ACRES
TOTAL BYPASS PAVEMENT: 0.87 ACRES
EXCESS PAVEMENT THAT IS TREATED: 0.26 ACRES = 11,326 S.F. (SWAP AREA)
CITY SIDEWALK ALONG WARSON ROAD = 2,065 L.F. - 361 L.F. (PORTION IN AREA 5)
AREA OF CITY SIDEWALK BYPASSING WATER QUALITY = 1,704 L.F.
= 1,704 L.F. + 51W.
= 8,520 S.F. < 11,326 S.F. SWAP AREA

MSD P-3517-10
MSD BASE MAP 18M2
BRANDON A. HARP, P.E. E-28650
CIVIL ENGINEER
CADC LICENSE NO.: 2003004674

NOTES

Revisions		
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CONSTRUCTION DOCUMENTS

STEM + C4C

DRAWING NAME:

BMP PLAN

ISSUED FOR CONSTRUCTION

JOB # 1125 FILE:

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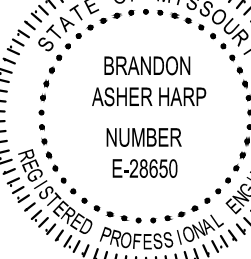
DRAWN BY: SMA

DATE: AUGUST 28, 2012

CHECKED BY:BAH

SCALE:

SHEET:



C16