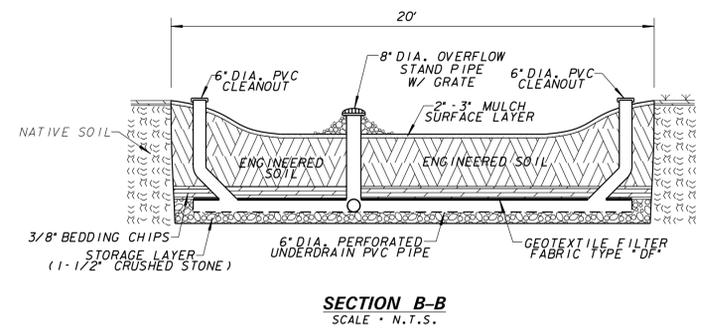
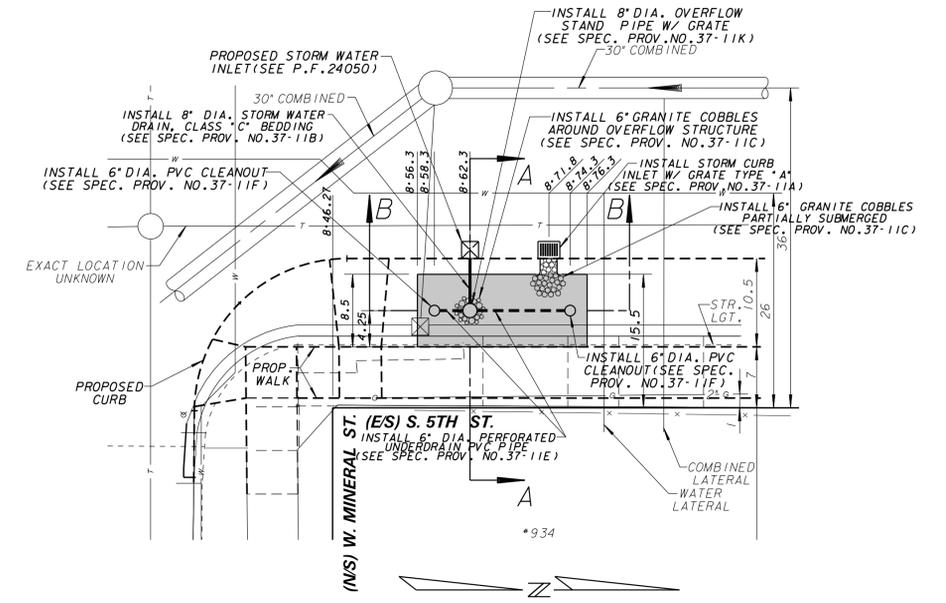
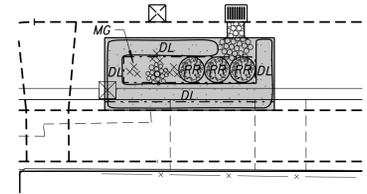


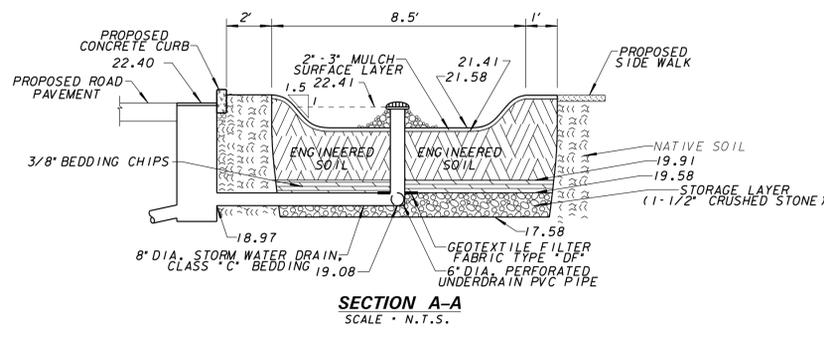
NOTE: DO NOT WRAP GEOTEXTILE FILTER FABRIC, TYPE "DF" AROUND PERFORATED UNDERDRAINS. EXTEND FABRIC 1' ON EITHER SIDE. (SEE SPEC. PROV. 11-H)



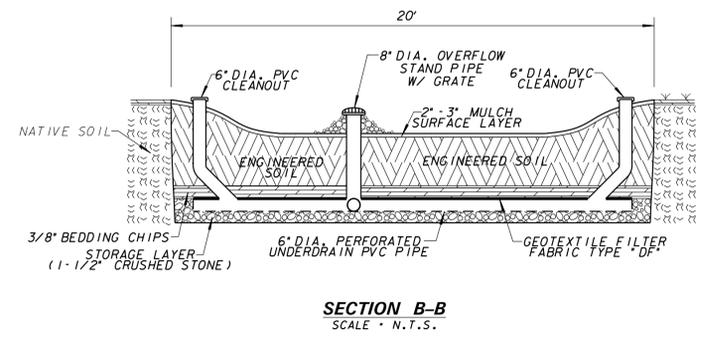
- SHRUBS**
- (3) RR RUGOSA ROSES (2-3 GAL.)
 - (3) MG PERENNIALS, GRASS, and BULBS
 - (102) DL MISCANTHUS GRASS (1 GAL.)
 - (102) DL DAYLILIES (1 GAL.)
- PLANT POTS**
(SEE SPEC. PROV. NO. 37-11M)



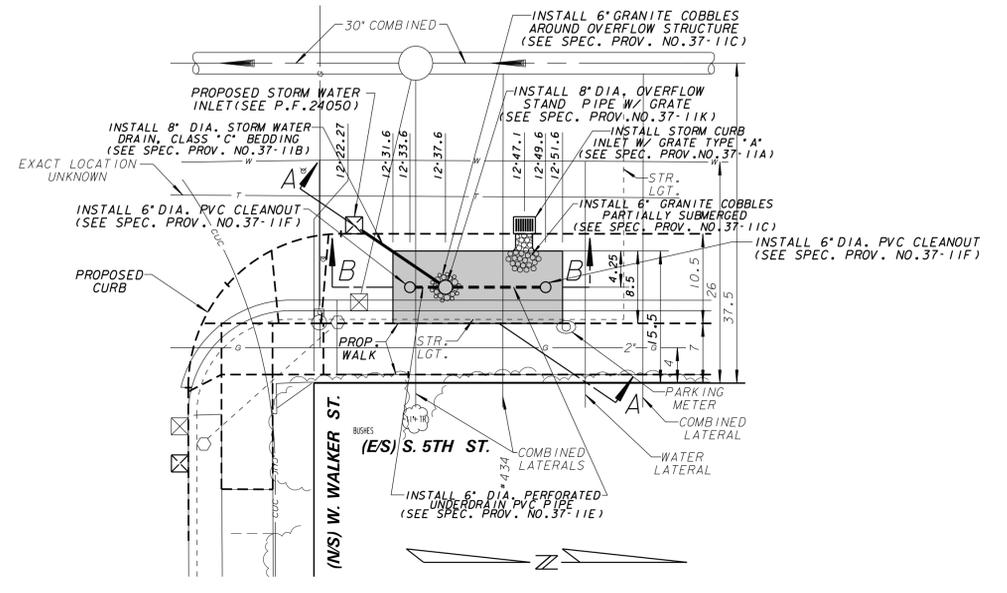
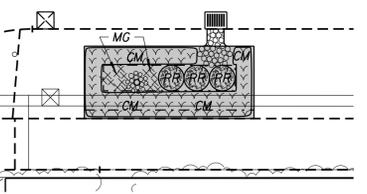
BM* NW CORNER OF W. MINERAL ST. AND S. 5TH ST. ELEV. 23.21
STATION 8+46.27 IS THE NE. LOT CORNER OF W. MINERAL ST. AND S. 5TH ST.



NOTE: DO NOT WRAP GEOTEXTILE FILTER FABRIC, TYPE "DF" AROUND PERFORATED UNDERDRAINS. EXTEND FABRIC 1' ON EITHER SIDE. (SEE SPEC. PROV. 11-H)



- SHRUBS**
- (3) RR RUGOSA ROSES (2-3 GAL.)
 - (5) MG PERENNIALS, GRASS, and BULBS
 - (24) CM MISCANTHUS GRASS (1 GAL.)
 - (24) CM BLUE WONDER CATMINT (1 GAL.)
- PLANT POTS**
(SEE SPEC. PROV. NO. 37-11M)



BM* SE CORNER OF W. NATIONAL AVE. AND S. 5TH ST. ELEV. 26.67
STATION 12+22.27 IS THE NE. LOT CORNER OF W. WALKER ST. AND S. 5TH ST.

LINE CODE LEGEND

GAS	..... G	SANITARY SEWER	..... SAN	STREET LIGHTING	..... X-X-X-X
ELECTRIC	..... E	STORM SEWER	..... S70	PAVING LIMITS - - - -
TELEPHONE	..... T	COMBINED SEWER	..... CMB	STRUCTURE/BUILDING	..... [Symbol]
CABLE TELEVISION	..... TV	SEW. DISTRICT SEWER	..... MMSD	FENCE	..... [Symbol]
FIBER OPTICS	..... FO	WATER MAIN	..... W	HYDRANT	..... [Symbol]
CITY UNDERGROUND CONDUIT	..... CUC	SEWER/WATER 24" & OVER	..... [Symbol]	ALUMINUM POLE	..... [Symbol]
				CONCRETE POLE	..... [Symbol]
				WOOD POLE	..... [Symbol]

BE ADVISED THAT THIS INFORMATION HEREBY GIVEN TO YOU IS BASED UPON THE BEST AVAILABLE RECORDS. THE EXACT LOCATION IS UNKNOWN FOR ALL UTILITIES SHOWN WITHOUT DIMENSIONS. HOWEVER WE CANNOT GUARANTEE THE CORRECTNESS OR ACCURACY OF THE SAME.

CALL DIGGERS HOTLINE
1-800-242-8511
TOLL FREE TO OBTAIN LOCATION OF UNDERGROUND BEFORE YOU DIG. WISCONSIN STATUTE 182.0715 REQUIRES MIN. OF 3 WORK DAYS NOTICE BEFORE YOU EXCAVATE.



NO.	BY	REVISION	DATE

AS BUILT CONTRACT NO. _____
DATE ENT'D. _____ ENT'D. BY _____

ESTIMATE OF QUANTITIES		
ITEM NO.	QUANTITY	DESCRIPTION
44010	2 EACH	STORM CURB INLET WITH GRATE TYPE "A"
50039	20 LIN. FT.	8" DIA. STORM WATER DRAIN, CLASS "C" BEDDING
50043	6 SQ. YDS.	6" GRANITE COBBLES
56101	38 SQ. YDS.	MULCH SURFACE LAYER (SEE SPEC. PROV. NO. 37-11D)
70061	32 LIN. FT.	6" DIA. PERFORATED UNDERDRAIN PVC PIPE
70064	4 EACH	8" DIA. PVC CLEANOUT
91056	36 CU. YDS.	ENGINEERED SOIL (SEE SPEC. PROV. NO. 37-11G)
91154	10 SQ. YDS.	GEOTEXTILE FILTER FABRIC, TYPE "DF" (SEE SPEC. PROV. NO. 37-11H)
91180	26 CU. YDS.	1-1/2" CRUSHED STONE (SEE SPEC. PROV. NO. 37-11I)
92005	70 CU. YDS.	EXCAVATION AND OFFSITE DISPOSAL (SEE SPEC. PROV. NO. 37-11J)
92034	2 EACH	8" DIA. OVERFLOW STAND PIPE W/GRATE
92043	6 CU. YDS.	3/8" BEDDING CHIPS (SEE SPEC. PROV. NO. 37-30L)
95009	140 EACH	PLANT POT
95016	1 LUMP SUM	PLANTS MAINTENANCE AND WARRANTY (SEE SPEC. PROV. NO. 37-30N)

ENVIRONMENTAL ENGINEERING SECTION
INFRASTRUCTURE SERVICES DIVISION
DEPARTMENT OF PUBLIC WORKS
MILWAUKEE, WISCONSIN

BIOSWALE PLAN
(E/S) S. 5TH STREET
STATION 8+64.9
STATION 8+84.9

(E/S) S. 5TH STREET
STATION 12+33.1
STATION 12+53.1

SCALE: HORIZONTAL 1"=10', VERTICAL 1"=NTS

APPROVED: *Nader M. Jaber* DATE: 04-18-2016
DESIGN ENGINEER

1/4 SEC. NO. 431
PLAN DATE 4/15/16
DESIGNED BY A. JAZDZYK
DRAWN BY J. SEMONS
CHECKED BY S. BEKELE
ENGINEER IN CHARGE

SYSTEM NO. _____
EASEMENT NO. _____
CONTRACT NO. _____ PROJECT NO. _____ C.C. FILE NO. _____
PROJ. ID. SM499160108 OFF. NOTICE NO. 30-2016 DATE ADOPTED

SHEET NO. 1 OF 4 PLAN FILE NO. 244-11