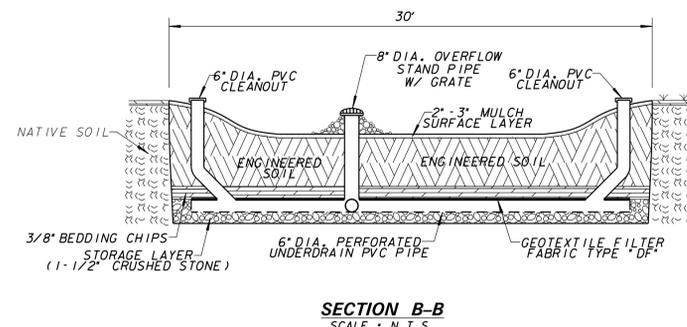
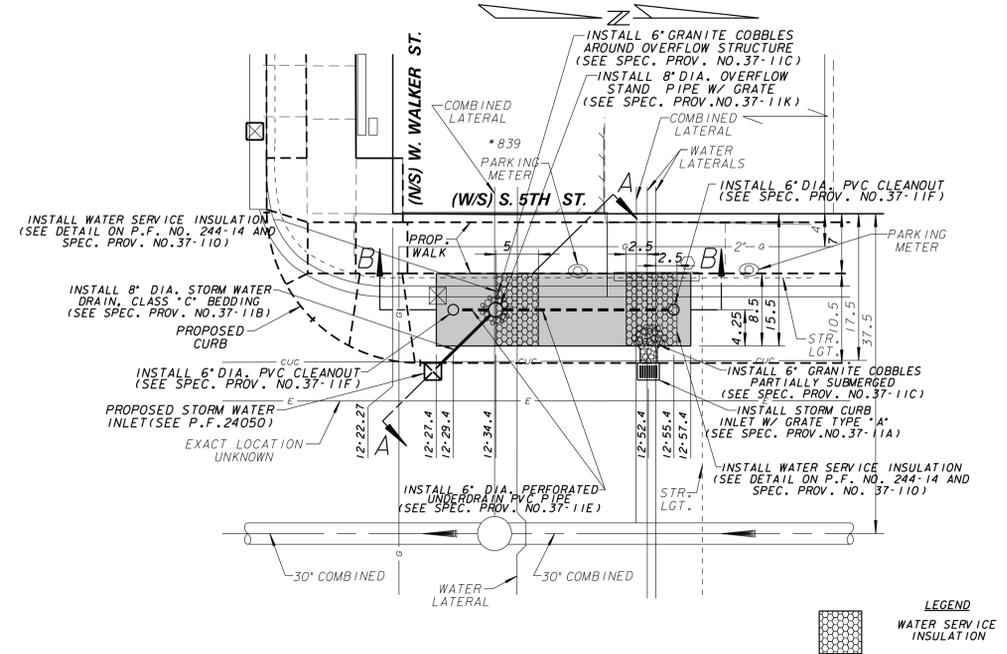


NOTE: DO NOT WRAP GEOTEXTILE FILTER FABRIC, TYPE "DF" AROUND PERFORATED UNDERDRAINS. EXTEND FABRIC 1' ON EITHER SIDE. (SEE SPEC. PROV. 11-H)

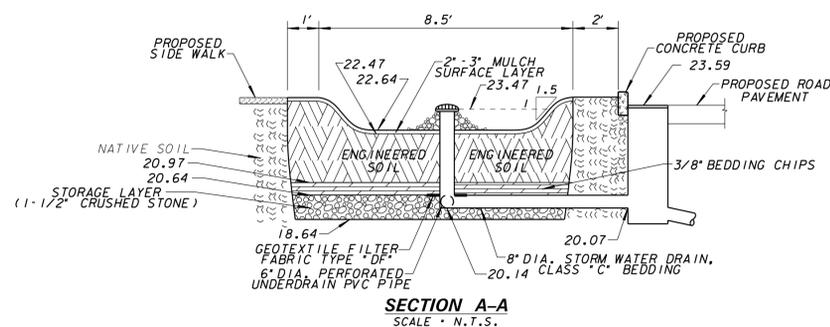


- SHRUBS  
 (5) RR RUGOSA ROSES (2-3 GAL.)  
 PERENNIALS, GRASS, and BULBS  
 (8) MG MISCANTHUS GRASS (1 GAL.)  
 (36) CM BLUE WONDER CATMINT (1 GAL.)
- PLANT POTS  
 (SEE SPEC. PROV. NO. 37-11M)

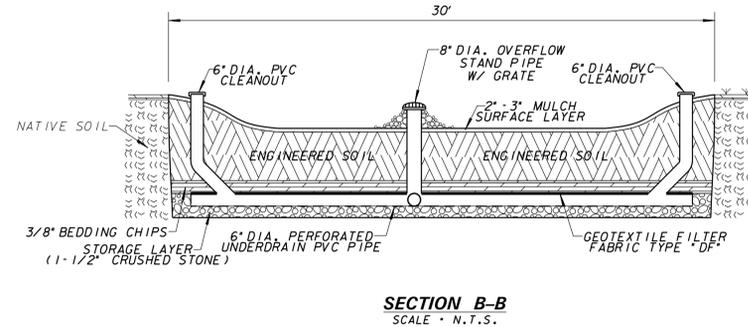
BM\* NE. CORNER OF W. WALKER ST. AND S. 5TH ST. ELEV. 25.29  
 STATION 12+22.27 IS THE NW LOT CORNER OF W. WALKER ST. AND S. 5TH ST.



LEGEND  
 WATER SERVICE INSULATION

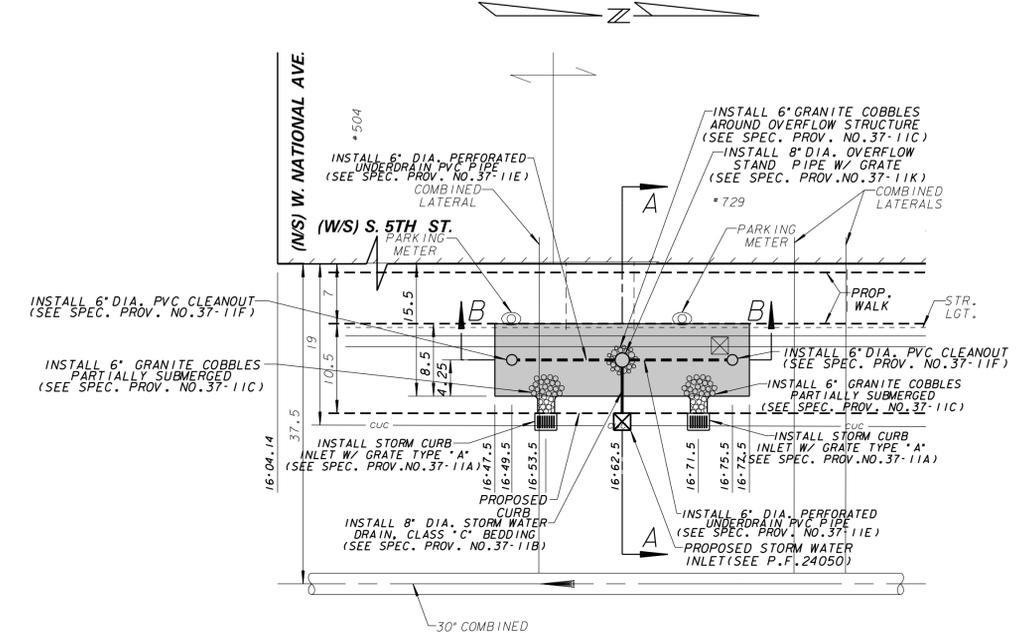


NOTE: DO NOT WRAP GEOTEXTILE FILTER FABRIC, TYPE "DF" AROUND PERFORATED UNDERDRAINS. EXTEND FABRIC 1' ON EITHER SIDE. (SEE SPEC. PROV. 11-H)



- SHRUBS  
 (6) RR RUGOSA ROSES (2-3 GAL.)  
 PERENNIALS, GRASS, and BULBS  
 (6) MG MISCANTHUS GRASS (1 GAL.)  
 (30) 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 16+04.14 IS THE NW LOT CORNER OF W. NATIONAL AVE. AND S. 5TH ST.



**LINE CODE LEGEND**

GAS	0	SANITARY SEWER	SAN	STREET LIGHTING	X-X-X-X
ELECTRIC	E	STORM SEWER	STO	PAVING LIMITS	---
TELEPHONE	7	COMBINED SEWER	CMB	STRUCTURE/BUILDING	---
CABLE TELEVISION	TV	SEW. DISTRICT SEWER	MUSD	FENCE	---
FIBER OPTICS	FO	WATER MAIN	W	HYDRANT	⊗
CITY UNDERGROUND CONDUIT	CUC	SEWER/WATER 24" & OVER	---	TRAFFIC SIGNAL	⊗
				ALUMINUM POLE	⊙
				CONCRETE POLE	⊙
				WOOD POLE	⊙

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

AS BUILT CONTRACT NO. \_\_\_\_\_  
 DATE ENT'D. \_\_\_\_\_ ENT'D. BY \_\_\_\_\_

**ESTIMATE OF QUANTITIES**

ITEM NO.	QUANTITY	DESCRIPTION
44010	3 EACH	STORM CURB INLET WITH GRATE TYPE "A"
50039	18 LIN. FT.	8" DIA. STORM WATER DRAIN, CLASS "C" BEDDING
50043	8 SQ. YDS.	6" GRANITE COBBLES
56101	58 SQ. YDS.	MULCH SURFACE LAYER (SEE SPEC. PROV. NO. 37-11D)
70061	52 LIN. FT.	6" DIA. PERFORATED UNDERDRAIN PVC PIPE
70064	4 EACH	6" DIA. PVC CLEANOUT
91056	52 CU. YDS.	ENGINEERED SOIL (SEE SPEC. PROV. NO. 37-11G)
91154	16 SQ. YDS.	GEOTEXTILE FILTER FABRIC, TYPE "DF" (SEE SPEC. PROV. NO. 37-11H)
91180	38 CU. YDS.	1-1/2" CRUSHED STONE (SEE SPEC. PROV. NO. 37-11I)
92005	104 CU. YDS.	EXCAVATION AND OFFSITE DISPOSAL (SEE SPEC. PROV. NO. 37-11J)
92034	2 EACH	8" DIA. OVERFLOW STAND PIPE W/ GRATE
92043	8 CU. YDS.	3/8" BEDDING CHIPS (SEE SPEC. PROV. NO. 37-30L)
95009	91 EACH	PLANT POT
95016	1 LUMP SUM	PLANTS MAINTENANCE AND WARRANTY (SEE SPEC. PROV. NO. 37-30N)
95017	26 LIN. FT.	WATER SERVICE INSULATION

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

**BIOSWALE PLAN**  
**(W/S) S. 5TH STREET**  
 STATION 12+33.4  
 STATION 12+53.4

**(W/S) S. 5TH STREET**  
 STATION 16+47.5  
 STATION 16+77.5

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  
 SYSTEM NO. \_\_\_\_\_  
 EASEMENT NO. \_\_\_\_\_  
 CONTRACT NO. \_\_\_\_\_  
 PROJ. ID. SM499160108 OFF. NOTICE NO. 30-2016 DATE ADOPTED \_\_\_\_\_

04-18-2016  
 ENGINEER IN CHARGE  
 04-18-2016  
 CITY ENGINEER & SPECIAL DEPUTY COMMISSIONER OF PUBLIC WORKS

**SHEET NO. 2 OF 4 PLAN FILE NO. 244-12**