NOTES :

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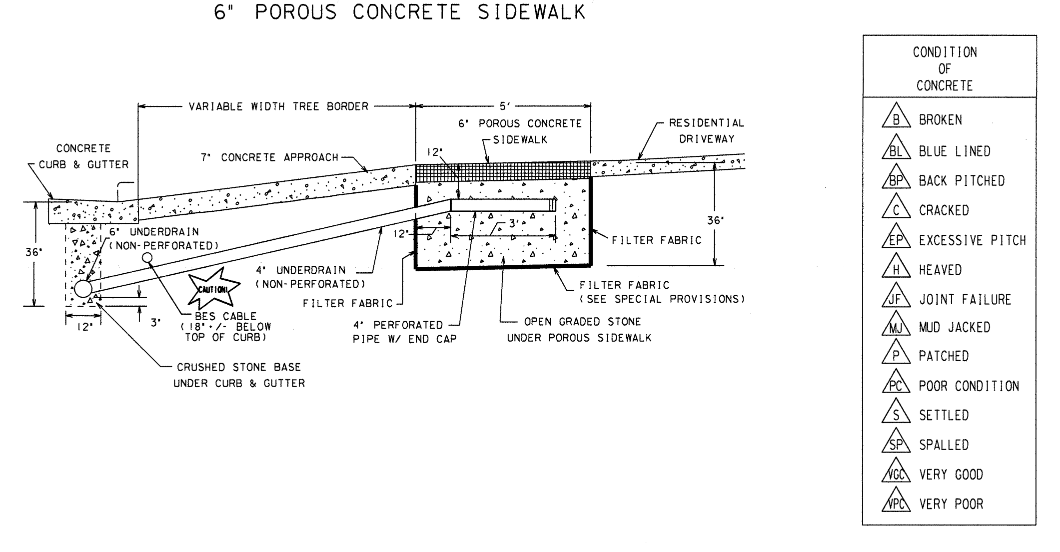
- PITCH FLANGE 0.08' UNLESS OTHERWISE SHOWN.
- PITCH CW 0.02'/FT UNLESS OTHERWISE SHOWN.
- GRADE AND SOD ENTIRE AREA BETWEEN CURB AND CONCRETE WALK.
- GRADE AND PLACE 1.5' WIDTH OF SOD IN LAWN AREAS DISTURBED BY CONSTRUCTION, UNLESS OTHERWISE DIRECTED.
- PROJECT HAS SECTIONS OF VARYING FACE CURB.
- IN AREAS OF GRINDING, GRIND TO ACHIEVE
  0.12' MINIMUM COVERAGE AT FLANGES,
  0.17' AT BUTT JOINTS AND
  0.21' MINIMUM ELSEWHERE
- ANY SAWING ALONG THE CURB FLANGE SHALL BE INCLUDED IN THE PRICE BID FOR CURB AND GUTTER.
- DRILL AND INSTALL CURB AND GUTTER TIES AS PER CITY SPECIFICATIONS.
- ANY TREE TO BE REMOVED AS PART OF THIS PROJECT WILL BE INDICATED IN THE CONTRACT SPECIAL PROVISIONS.
- (crosshatched panel) 6" POROUS CONCRETE WALK PANELS
- SEE UTILITY PLAN FOR LIMITS OF 6" UNDERDRAIN

6" POROUS CONCRETE SIDEWALK



CONDITION OF CONCRETE
B BROKEN
BL BLUE LINED
BP BACK PITCHED
C CRACKED
EP EXCESSIVE PITCH
H HEAVED
JF JOINT FAILURE
MJ MUD JACKED
P PATCHED
PC POOR CONDITION
S SETTLED
SP SPALLED
VGC VERY GOOD
VPC VERY POOR

ESTIMATE / CERTIFICATE QUANTITIES

	DESCRIPTION	UNIT	ASSESS.	X-ING			PLAN TOT.	PROJ. TOT.
X	MOBILIZATION	L.S.						
X	FINISHING ROADWAY	L.S.						
X	BARRICADING AND SIGNING	L.S.						
X	CUTTING	C.Y.						
X	ROADWAY CUTTING	C.Y.						
X	FILLING	C.Y.						
X	ROADWAY FILLING	C.Y.						
	PAVEMENT REMOVAL	S.Y.						
	BITUMINOUS SURFACE REMOVAL	S.Y.						
X	CURB &/OR CURB & GUTTER REMOVAL	L.F.						
X	CONC. WALK &/OR DRIVEWAY REMOVAL	S.F.						
X	SAWING (FULL DEPTH)	L.F.						
X	SAWING	L.F.						
	TREES CLEARING	I.D.						
	TREES GRUBBING	I.D.						
X	CONCRETE CURB & GUTTER	L.F.						
	V.T. CONC. WALK &/OR DRIVEWAY	C.Y.						
X	5" CONCRETE WALK	S.F.						
X	PERVIOUS WALK	S.F.						
X	7" CONCRETE DRIVEWAY	S.F.						
X	7" CONCRETE PAVEMENT	S.Y.						
	7" CONCRETE ALLEY PAVEMENT	S.Y.						
X	V.T. CONCRETE BASE	C.Y.						
	CONCRETE BASE	S.Y.						
X	TACK COAT	GAL.						
	BASE PREP. FOR ASPHALT SURFACE	L.S.						
X	V.T. ASPH. CONC. PAV'T. (MAX.)	S.Y.						
X	OPEN GRADED STONE							
	CRUSHED STONE BASE							
	CRUSHED GRAVEL BASE							
X	GRAVEL FILLING	TON						
X	SODDING	S.Y.						
X	TOPSOIL	C.Y.						
X	PAVEMENT GRINDING (ASPHALT)	S.Y.						
X	PAVEMENT GRINDING (CONCRETE)	S.Y.						
X	SEALING PAV'T JOINTS & CRACKS	S.Y.						
	MANHOLE RINGS	EACH						
X	SEWER FRAME ADJUSTMENT	V.F.						
	MANHOLE SEAL (CITY FURNISHED)	EACH						
X	EROSION CONTROL (TYPE M)	EACH						
X	4" UNDERDRAIN	L.F.						
X	6" UNDERDRAIN	L.F.						

DEPARTMENT OF PUBLIC WORKS
INFRASTRUCTURE SERVICES DIVISION
FIELD OPERATIONS
FIELD & DESIGN ENGINEERING
MILWAUKEE, WISCONSIN

FILE NO. 465

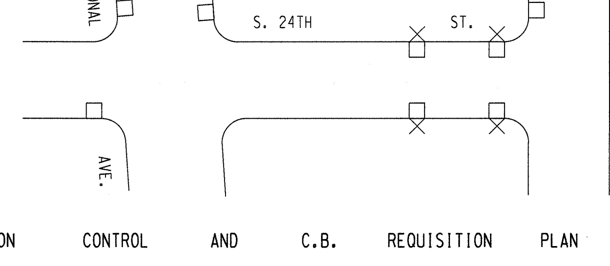
PLAN OF: S. 24TH ST. 700 S

W. NATIONAL AVE. TO W. PIERCE ST.

THIS SECTION:

DRAWN BY	SILESHI	DATE: 12-12-13	PROJECT NO. ST211140125	SHEET 1 OF 1
DESCRIPTIONS BY	S. SALAPAT	DATE: 2-25-14	SCALE 1" = 10'	1/4 SEC. 434 / ALD. DIST. 8
LEVELS BY	M. BRESINA	DATE: 11-12-13		
LEVELS TRANSF. BY	S. SALAPAT	DATE: 3-4-14		
DESIGNED BY	M. SCHULTZ	DATE:	OBSTRUCTIONS - SEE OBSTRUCTION LIST	
GRADES TRANSF. BY	S. SALAPAT	DATE: 3-4-14	REVISED: 4/22/14 POROUS WALK ADDED	
CHECKED BY	D. Ulubueler	DATE: 4/29/14	REVISED:	
APPROVED BY	[signature]	DATE: 5/8/14	REVISED:	
FILE: V:\PWELIB\PAVING\26897.FIN				
PLOT DATE: 25-APR-2014				

STORM DRAINAGE UNITS		
C.B.W.- 4	RESET- 0	ABANDON- 4
PROJECT IN COMB AREA		



EROSION CONTROL AND C.B. REQUISITION PLAN

TYPE M	☒ - CBW	☐ - RESET	X - ABANDON	∅
4	4	0	4	NO WORK

TO \ DATE	5/28/14	7/30/14			
ESTIMATING	1				
HOLLOW WALKS	1				
PUBLIC HEARING	1				
CONSTRUCTION	1	6			
SEWER	1				
WATER	1				
STREET LIGHTING	1				
BLDG. SEWERS	1				
MEASURING		1			
FIELD					
DISTRICT FILE	2				
FORESTRY	1				
W.E. / G.O.					
WIS. GAS CO.	1				
TRANSIT SYSTEM					
CABLE TV					
UND. GRD. COND.	1				
WATER DIST.	1				
WEPCO N/S					
WEPCO S/S	1				
SEWER SERVICES					
UTILITY COOR.	1				
Traffic Eng	1				
RM 506		6			
PLAN SIZE	18 x 117				

ST211140125 W. NATIONAL AVE. TO W. PIERCE ST. - 18" X 117" 26897 # (1 OF 1)

NOTES :

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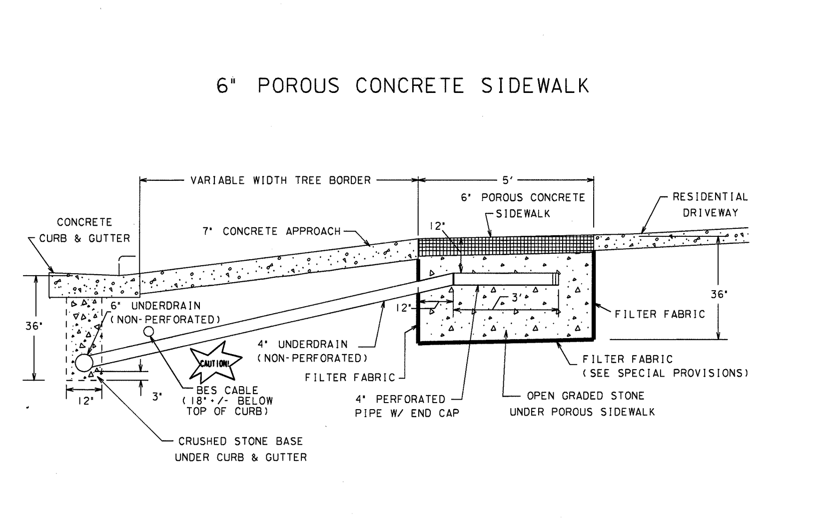
6" POROUS CONCRETE SIDEWALK



CONDITION OF CONCRETE
B BROKEN
BL BLUE LINED
BP BACK PITCHED
C CRACKED
EP EXCESSIVE PITCH
H HEAVED
JF JOINT FAILURE
MJ MUD JACKED
P PATCHED
PC POOR CONDITION
S SETTLED
SP SPALLED
VGC VERY GOOD
VPC VERY POOR

ESTIMATE / CERTIFICATE QUANTITIES

	DESCRIPTION	UNIT	ASSESS.	X-ING			PLAN TOT.	PROJ. TOT.
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	TREES CLEARING	I.D.						
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X	PERVIOUS WALK	S.F.						
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	CONCRETE BASE	S.Y.						
X	TACK COAT	GAL.						
	BASE PREP. FOR ASPHALT SURFACE	L.S.						
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X	OPEN GRADED STONE							
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	CRUSHED GRAVEL BASE							
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MILWAUKEE, WISCONSIN

FILE NO.

PLAN OF: S. 24TH ST. 700 S

W. NATIONAL AVE. TO W. PIERCE ST.

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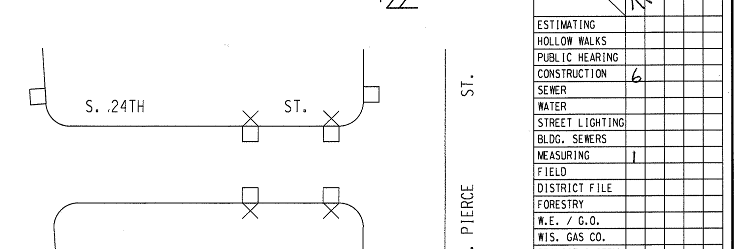
DESCRIPTIONS BY	S. SALAPAT	DATE: 2-25-14	ST211140125	SHEET 1 OF 1	
LEVELS BY	M. BRESINA	DATE: 11-12-13	SCALE	1/4 SEC.	ALD. DIST.
LEVELS TRANSF. BY	S. SALAPAT	DATE: 3-4-14	1" = 10'	434	8
DESIGNED BY	M. SCHULTZ	DATE:	OBSTRUCTIONS - SEE OBSTRUCTION LIST		
GRADES TRANSF. BY	S. SALAPAT	DATE: 3-4-14	REVISED: 4/22/14 POROUS WALK ADDED		
CHECKED BY		DATE:	REVISED:		
APPROVED BY		DATE:	REVISED:		
FILE: V:\PWELIB\PAVING\26897_UTILITY.FIN					
PLOT DATE: 27-MAY-2014					

STORM DRAINAGE UNITS		
C.B.W. - 4	RESET - 0	ABANDON - 4
PROJECT IN COMB AREA		



EROSION CONTROL AND C.B. REQUISITION PLAN

TYPE M	☒ - CBW	☐ - RESET	X - ABANDON	⊘
4	4	0	4	NO WORK

TO \ DATE	7/30/14				
ESTIMATING					
HOLLOW WALKS					
PUBLIC HEARING					
CONSTRUCTION	6				
SEWER					
WATER					
STREET LIGHTING					
BLDG. SEWERS					
MEASURING	1				
FIELD					
DISTRICT FILE					
FORESTRY					
W.E. / G.O.					
WIS. GAS CO.					
TRANSIT SYSTEM					
CABLE TV					
UND. GRD. COND.					
WATER DIST.					
WEPCO N/S					
WEPCO S/S					
SEWER SERVICES					
UTILITY COOR.					
RM506	6				
PLAN SIZE					

W. NATIONAL AVE. TO W. PIERCE ST. ST211140125 18" X 117" #26897 (1 OF 1)