NOTES :

- (I), (II), (III), DENOTES RAMP TYPE.
- CONSTRUCT ALL CARRIAGE WALKS AND DRIVEWAYS PER CITY OF MILWAUKEE SPECIFICATIONS.
- OFFSET MEASUREMENTS TO TREES, WOOD POLES AND LIGHT POLES ARE TAKEN TO EDGE NEAREST THE CENTERLINE.
- OFFSET MEASUREMENTS TO HYDRANTS ARE TAKEN TO THE OPERATING NUT.
- GRADE & PLACE 1.5' WIDTH SOD IN LAWN AREAS DISTURBED BY CONSTRUCTION UNLESS OTHERWISE INDICATED.
- PROJECT IS DESIGNED TO BE CONSTRUCTED WITH EQUAL PASSES WITH CROWN(S) AS INDICATED IN EACH PASS, REDUCING THROUGH THE INTERSECTION(S) AS SHOWN.
- IN AREAS OF GRINDING, GRIND TO ACHIEVE 0.12' MINIMUM COVER AT FLANGES AND 0.17' AT BUTT JOINTS AND 0.21' MINIMUM ELSEWHERE.
- ANY TREES TO BE REMOVED AS A PART OF THE PROJECT, WILL BE NOTED IN SPECIAL PROVISIONS.
- PITCH FLANGE 0.08' UNLESS OTHERWISE SHOWN.
- [illegible]
- PITCH CW 0.02/FT UNLESS OTHERWISE SHOWN.
- GRADE & SOD THE ENTIRE AREA BETWEEN THE WALK & CURB, UNLESS OTHERWISE DIRECTED

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.						
X	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	CONCRETE CURB HEAD	L.F.						
X	7" CONCRETE DRIVEWAY	S.F.						
X	7" CONCRETE PAVEMENT	S.Y.						
	7" CONCRETE ALLEY PAVEMENT	S.Y.						
	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.(3/8 MAX.)	S.Y.						
X	3" CRUSHED STONE BASE	S.Y.						
	CRUSHED GRAVEL BASE							
	GRAVEL FILLING	TON						
X	SODDING	S.Y.						
X	TOPSOIL	C.Y.						
X	PAVEMENT GRINDING (ASPHALT)	S.Y.						
	PAVEMENT GRINDING (CONCRETE)	S.Y.						
X	SEALING PAV'T JOINTS & CRACKS	S.Y.						
	MANHOLE RINGS	EACH						
X	SEWER FRAME ADJUSTMENT	V.F.						
X	MANHOLE SEAL (CITY FURNISHED)	EACH						
X	EROSION CONTROL (TYPE M)	EACH						

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

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

FILE NO. 69

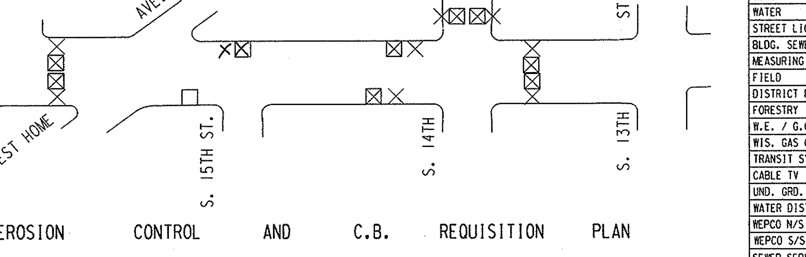
PLAN OF: W. BURNHAM ST. (1300W, 1000S)

S. 13TH ST. TO S. 16TH ST.

THIS SECTION: S. 15TH ST. TO S. 16TH ST.

DRAWN BY	JB	DATE: 12-26-12	PROJECT NO. ST21110136		SHEET 1 OF 2
DESCRIPTIONS BY		DATE:			
LEVELS BY	JL, MB	DATE: 7-12-12	SCALE	1/4 SEC.	ALD.DIST.
LEVELS TRANSF. BY	JB, GL	DATE: 12-28-12	1" = 10'	460 469	12
DESIGNED BY	S. SYLVAN	DATE: 11-6-12	OBSTRUCTIONS - SEE OBSTRUCTION LIST		
GRADES TRANSF. BY	JB, GL	DATE: 1-4-13	REVISED:		
CHECKED BY	D. Ulatowski	DATE: 5/20/13	REVISED:		
APPROVED BY	[signature]	DATE: 5/20/13	REVISED:		
FILE: V:\PWELIB\PAVING\27121.FIN					
PLOT DATE: 16-MAY-2013					

STORM DRAINAGE UNITS		
C.B.W.- 11	RESET- 1	ABANDON- 11
PROJECT IN (COMB) AREA		



EROSION CONTROL AND C.B. REQUISITION PLAN

EROSION TYPE M	☒ - CBW	☐ - RESET	X - ABANDON	NO WORK
PROJECT TOTAL 12	11	1	11	

TO \ DATE	5/21/13	6/5/13
ESTIMATING	1	
HOLLOW WALKS	1	
PUBLIC HEARING	1	
CONSTRUCTION	1	6
SEWER	1	
WATER	1	
STREET LIGHTING	1	
BLDG. SEWERS	1	
MEASURING		1
FIELD		1
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		15
PLAN SIZE		

ST21110136 27121 # (1 OF 2)

W. BURNHAM ST. S. 13TH ST. TO S. 16TH ST. 18" X 112"

NOTES :

- Ⓘ, Ⓘ Ⓘ, Ⓘ Ⓘ Ⓘ, DENOTES RAMP TYPE.
- CONSTRUCT ALL CARRIAGE WALKS AND DRIVEWAYS PER CITY OF MILWAUKEE SPECIFICATIONS.
- OFFSET MEASUREMENTS TO TREES, WOOD POLES AND LIGHT POLES ARE TAKEN TO EDGE NEAREST THE CENTERLINE.
- OFFSET MEASUREMENTS TO HYDRANTS ARE TAKEN TO THE OPERATING NUT.

ESTIMATE / CERTIFICATE QUANTITIES

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

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

DEPARTMENT OF PUBLIC WORKS INFRASTRUCTURE SERVICES DIVISION FIELD OPERATIONS FIELD & DESIGN ENGINEERING MILWAUKEE, WISCONSIN			FILE NO. 68		
PLAN OF: W. BURNHAM ST. (1300W, 1000S)					
S. 13TH ST. TO S. 16TH ST.					
THIS SECTION: S. 13TH ST. TO S. 15TH ST.					
DRAWN BY	JB	DATE: 12-26-12	PROJECT NO. ST21110136		SHEET 2 OF 2
DESCRIPTIONS BY		DATE:			
LEVELS BY	JL, MB	DATE: 7-12-12	SCALE	1/4 SEC.	ALD.DIST.
LEVELS TRANSF. BY	JB, GL	DATE: 12-28-12	1" = 10'	460 469	12
DESIGNED BY	S. SYLVAN	DATE: 11-6-12	OBSTRUCTIONS - SEE OBSTRUCTION LIST		
GRADES TRANSF. BY	JB, GL	DATE: 1-4-13	REVISED:		
CHECKED BY	[signature]	DATE: 5/20/13	REVISED:		
APPROVED BY	[signature]	DATE: 5/20/13	REVISED:		
FILE: V:\PWELIB\PAVING\27121.FIN					
PLOT DATE: 16-MAY-2013					

STORM DRAINAGE UNITS		
C.B.W.-	RESET-	ABANDON-
PROJECT IN SEPARATED AREA		

EROSION CONTROL AND C.B. REQUISITION PLAN

TYPE M ☒ - CBW ☐ - RESET ╳ - ABANDON ☐ NO WORK

TO \ DATE	5/21/13	6/5/13		
ESTIMATING	1			
HOLLOW WALKS	1			
PUBLIC HEARING	1			
CONSTRUCTION	1	6		
SEWER	1			
WATER	1			
STREET LIGHTING	1			
BLDG. SEWERS	1			
MEASURING		1		
FIELD		1		
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		15		
PLAN SIZE				

W. BURNHAM ST. - S. 13TH ST. TO S. 16TH ST. 18" X 120" ST21110136 27121 # (2 OF 2)