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 1½ WIDTH OF SOD WHERE CONSTRUCTION FORMS DISTURB EXISTING LAWNS UNLESS OTHERWISE SHOWN OR DIRECTED.
- CENTER LINE SCREED REQUIRED.

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.						
X	PAVEMENT REMOVAL	S.Y.						
X	BITUMINOUS SURFACE REMOVAL	S.Y.						
	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.						
X	TREES CLEARING	I.D.						
X	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.						
X	7" CONCRETE ALLEY PAVEMENT	S.Y.						
X	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.						
X	4" CRUSHED STONE BASE	S.Y.						
	CRUSHED GRAVEL BASE							
	GRAVEL FILLING	TON						
X	SODDING	S.Y.						
X	TOPSOIL	C.Y.						
	PAVEMENT GRINDING (ASPHALT)	S.Y.						
	PAVEMENT GRINDING (CONCRETE)	S.Y.						
X	SEALING PAV'T JOINTS & CRACKS	S.Y.						
X	MANHOLE RINGS	EACH						
X	SEWER FRAME ADJUSTMENT	V.F.						
	MANHOLE SEAL (CITY FURNISHED)	EACH						
X	EROSION CONTROL (TYPE M)	EACH						

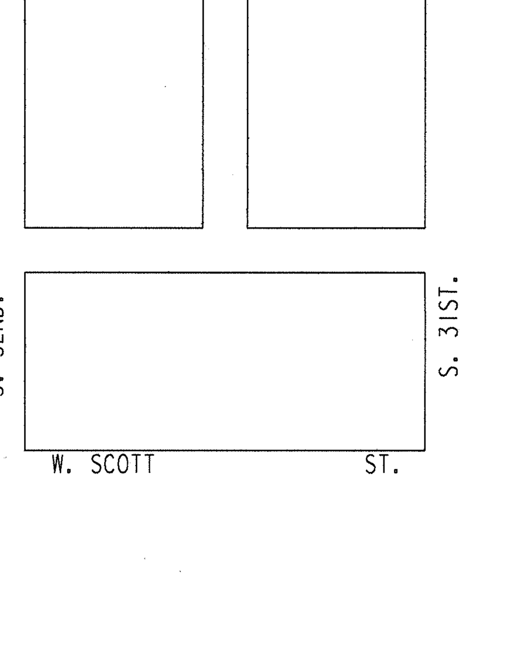
DEPARTMENT OF PUBLIC WORKS
INFRASTRUCTURE SERVICES DIVISION
FIELD OPERATIONS
FIELD & DESIGN ENGINEERING
MILWAUKEE, WISCONSIN

PLAN OF: ALLEY BETW. W. NATIONAL AVE.
W. SCOTT ST., S. 31ST. ST., S. 32ND. ST.
THIS SECTION: NORTH-WEST TO EAST LEG

DRAWN BY	G. GUERRA	DATE: 02-28-13	PROJECT NO.
DESCRIPTIONS BY	G. GUERRA	DATE: 02-28-13	ST21213010
LEVELS BY		DATE:	SCALE
LEVELS TRANSF. BY	G. GUERRA	DATE: 02-28-13	1" = 10'
DESIGNED BY	D. GEHRING	DATE: 04-12-13	OBSTRUCTIONS
GRADES TRANSF. BY	B. MATHENY	DATE: 05-07-13	REVISED:
CHECKED BY	D. [signature]	DATE: 5/31/13	REVISED:
APPROVED BY	[signature]	DATE: 5/31/13	REVISED:

FILE: V:\PAVLIB\DESIGN\29241.DGN
PLOT DATE: 28-MAY-2013

WATER	1
STREET LIGHTING	1
BLDG. SEWERS	1
MEASURING	1
FIELD	1
DISTRICT FILE	2
FORESTRY	1
W.E. / G.O.	1
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 RM 506	1
PLAN SIZE	15



	EROSION	CONTROL	AND	C.B.	REQUISITION	PLAN
	TYPE M	CBW		RESET	ABANDON	NO WORK
THIS SHEET	2	0		2	0	
PROJECT	5	0		5	0	

#29241 S. 32ND ST. (1 OF 3) 12" X 17"
ALLEY BETW. W. NATIONAL AVE. W. SCOTT ST. S. 31ST. ST., S. 32ND
ST21213010I
W-E LEG BETW. S.31ST. ST., S.32ND

NOTES :

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- GRADE & PLACE 1½ WIDTH OF SOD WHERE CONSTRUCTION FORMS DISTURB EXISTING LAWNS UNLESS OTHERWISE SHOWN OR DIRECTED.
- CENTER LINE SCREED REQUIRED.

CONDITION OF CONCRETE
BROKEN
BLUE LINED
BACK PITCHED
CRACKED
EXCESSIVE PITCH
HEAVED
JOINT FAILURE
MUD JACKED
PATCHED
POOR CONDITION
SETTLED
SPALLED
VERY GOOD
VERY POOR

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						

FILE NO. 278

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

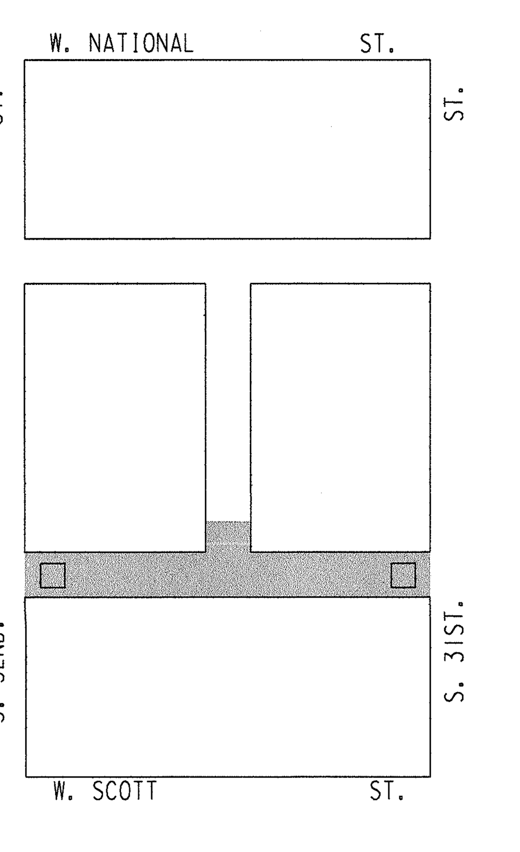
PLAN OF: ALLEY BETW. W. NATIONAL AVE.
W. SCOTT ST., S.31ST. ST., S.32ND. ST.

THIS SECTION: SOUTH - WEST TO EAST LEG					
DRAWN BY	G. GUERRA	DATE: 02-28-13	PROJECT NO. ST212130101		SHEET 2 OF 3
DESCRIPTIONS BY	G. GUERRA	DATE: 02-28-13			
LEVELS BY		DATE:	SCALE	1/4 SEC.	ALD.DIST.
LEVELS TRANSF. BY	G. GUERRA	DATE: 02-28-13	1"=10'	435	8
DESIGNED BY	D. GEHRING	DATE: 04-12-13	OBSTRUCTIONS - SEE OBSTRUCTION LIST		
GRADES TRANSF. BY	B. MATHENY	DATE: 05-07-13	REVISED:		
CHECKED BY	D. [illegible]	DATE: 5/31/13	REVISED:		
APPROVED BY	[illegible]	DATE: 5/31/13	REVISED:		
FILE: V:\PAVLIB\DESIGN\29241.DGN					
PLOT DATE: 28-MAY-2013					

THIS SHEET

STORM DRAINAGE UNITS		
C.B.W.- 0	RESET- 2	ABANDON- 0
PROJECT IN (COMB) (SEPARATED) AREA		

TO	DATE	6/4/13	7/17/13
ESTIMATING	1		
HOLLOW WALKS			
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.	1		
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 RM 506	1		
PLAN SIZE		15	



	EROSION CONTROL	AND	C.B. REQUISITION		PLAN
	TYPE M	☒ - CBW	☐ - RESET	✕ - ABANDON	☒ NO WORK
THIS SHEET	2	0	2	0	
PROJECT	5	0	5	0	

(2 OF 3) 32ND ST. S. 31ST. ST. W. SCOTT ST. W. NATIONAL AVE. ALLEY BETW.
29241 12" X 17" ST212130101 S.32ND S.31ST. ST. W. NATIONAL AVE. W. SCOTT ST. M-E

NOTES :

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- CENTER LINE SCREED REQUIRED.

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.
MOBILIZATION	L.S.						
FINISHING ROADWAY	L.S.						
BARRICADING AND SIGNING	L.S.						
CUTTING	C.Y.						
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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.						
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CONCRETE CURB & GUTTER	L.F.						
V.T. CONC. WALK &/OR DRIVEWAY	C.Y.						
5' CONCRETE WALK	S.F.						
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BASE PREP. FOR ASPHALT SURFACE	L.S.						
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CRUSHED STONE BASE							
CRUSHED GRAVEL BASE							
GRAVEL FILLING	TON						
SODDING	S.Y.						
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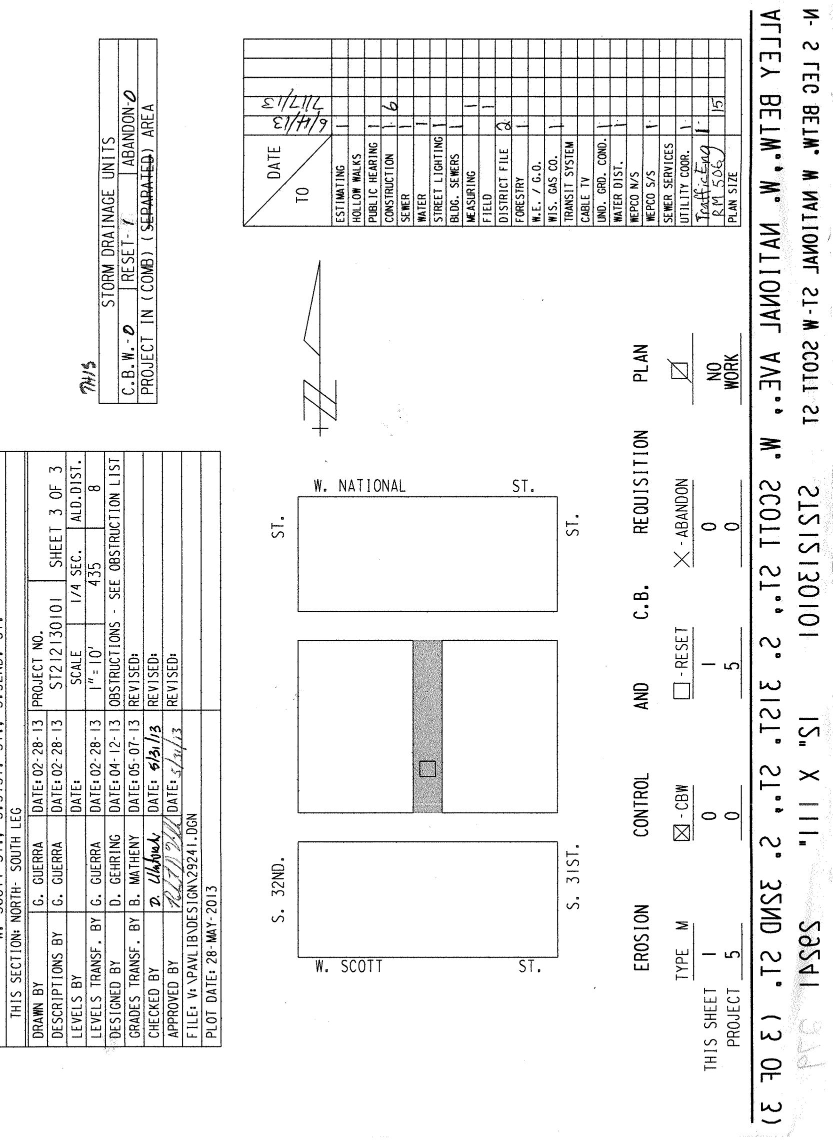
PAVEMENT GRINDING (ASPHALT)	S.Y.						
PAVEMENT GRINDING (CONCRETE)	S.Y.						
SEALING PAV'T JOINTS & CRACKS	S.Y.						
MANHOLE RINGS	EACH						
SEWER FRAME ADJUSTMENT	V.F.						
MANHOLE SEAL (CITY FURNISHED)	EACH						
EROSION CONTROL (TYPE M)	EACH						

STORM DRAINAGE UNITS		
C.B.W.-0	RESET-1	ABANDON-0
PROJECT IN (COMB) (SEPARATED) AREA		

FILE NO. 279

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

PLAN OF: ALLEY BETW. W. NATIONAL AVE. W. SCOTT ST., S. 31ST. ST., S. 32ND. ST.

THIS SECTION: NORTH- SOUTH LEG

DRAWN BY	G. GUERRA	DATE: 02-28-13	PROJECT NO. ST212130101		SHEET 3 OF 3
DESCRIPTIONS BY	G. GUERRA	DATE: 02-28-13			
LEVELS BY		DATE:	SCALE	1/4 SEC.	ALD.DIST.
LEVELS TRANSF. BY	G. GUERRA	DATE: 02-28-13	1"=10'	435	8
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CHECKED BY	D. Uhlenbrock	DATE: 5/31/13	REVISED:		
APPROVED BY	[illegible]	DATE: 5/31/13	REVISED:		
FILE: V:\PAVLIB\DESIGN\29241.DGN					
PLOT DATE: 28-MAY-2013