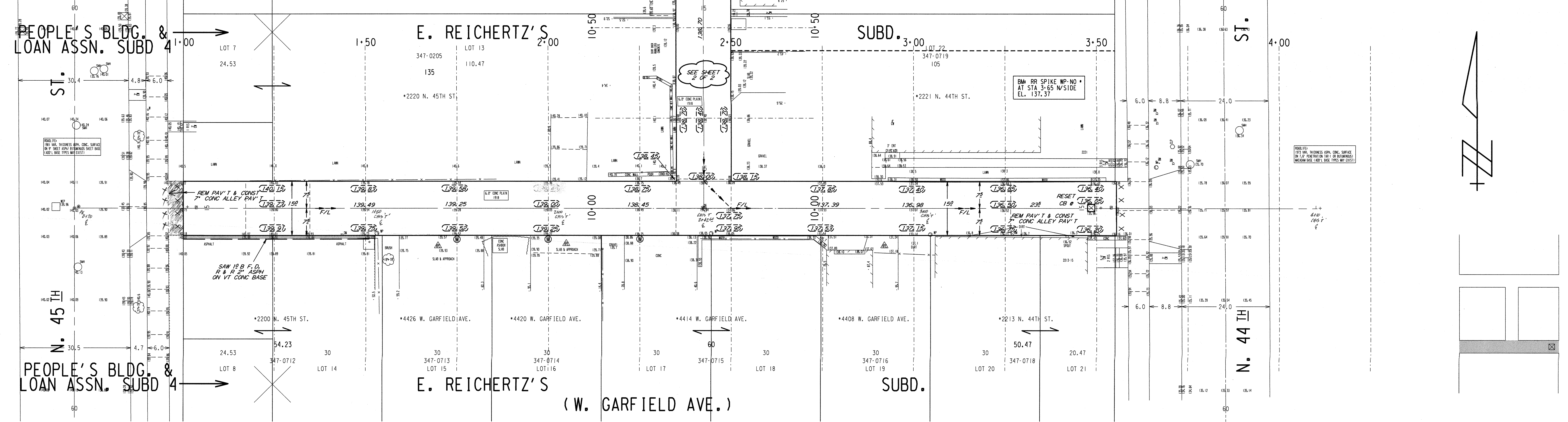
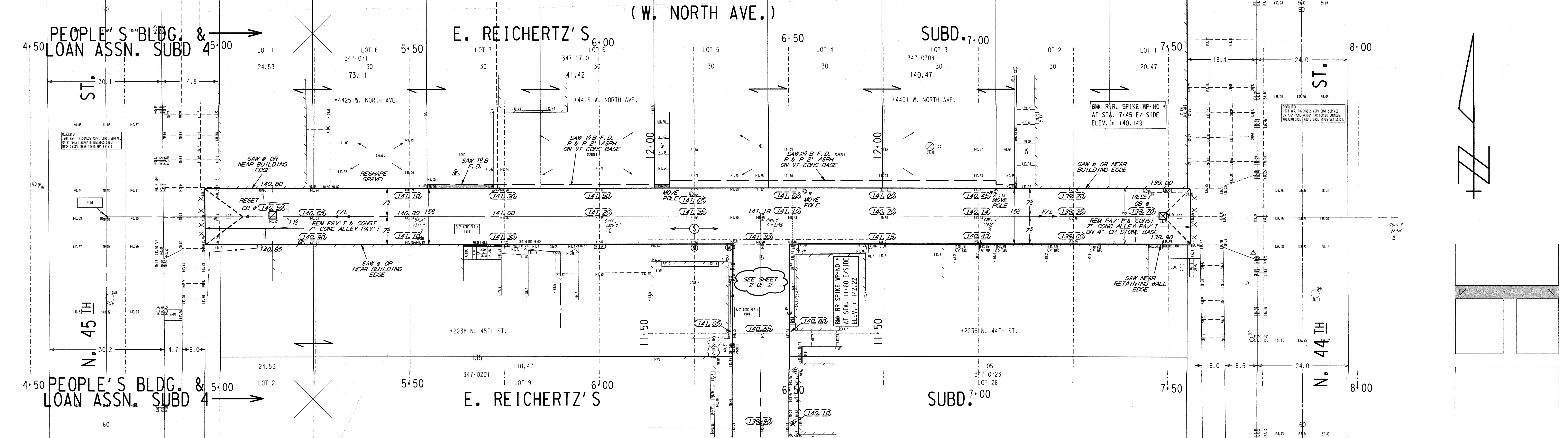




NOTES :

- (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 OF SOD IN LAWN AREAS DISTURBED BY CONSTRUCTION UNLESS OTHERWISE DIRECTED.
- SLOPE FROM FLOW-LINE TO EDGE OF ALLEY VARIES (SCREED REQUIRED).

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.						
	CURB &/OR CURB & GUTTER REMOVAL	L.F.						
X	CONC. WALK &/OR DRIVEWAY REMOVAL	S.F.						
X	SAWING (FULL DEPTH)	L.F.						
	SAWING	L.F.						
	TREES CLEARING	I.D.						
	TREES GRUBBING	I.D.						
	CONCRETE CURB & GUTTER	L.F.						
X	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.						
X	TACK COAT	GAL.						
X	BASE PREP. FOR ASPHALT SURFACE	L.S.						
	V.T. ASPH. CONC. PAV'T. (MAX.)	S.Y.						
X	ASPH. CONC. PAV'T.	TONS						
X	4" CRUSHED STONE BASE	S.Y.						
	CRUSHED GRAVEL BASE							
X	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.						
	MANHOLE RINGS	EACH						
X	SEWER FRAME ADJUSTMENT	V.F.						
	MANHOLE SEAL (CITY FURNISHED)	EACH						
X	EROSION CONTROL (TYPE M)	EACH						

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

STORM DRAINAGE UNITS
C.B.W. - 0 | RESET - 3 | ABANDON - 0
PROJECT IN (COMB) (SEPARATED) AREA

FILE NO. 108

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

PLAN OF: ALLEY BETW.
W. GARFIELD AV., W. NORTH AV., N. 44TH ST., N. 45TH ST.
THIS SECTION: NORTHERLY AND SOUTHERLY EAST-WEST LEGS

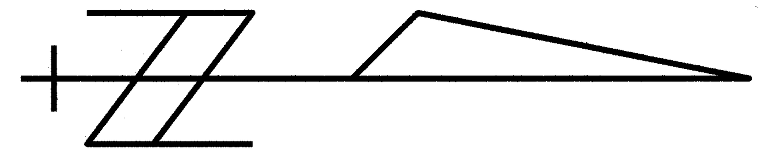
DRAWN BY	B. MATHENY	DATE: 11-14-13	PROJECT NO. ST212140117
DESCRIPTIONS BY	B. MATHENY	DATE: 11-14-13	
LEVELS BY	KLINKIEWICZ	DATE: 10-08-13	SCALE 1" = 10'
LEVELS TRANSF. BY	KLINKIEWICZ	DATE: 10-08-13	
DESIGNED BY	D. GEHRING	DATE: 12-04-13	OBSTRUCTIONS - SE
GRADES TRANSF. BY	S. SALAPAT	DATE: 01-17-13	REVISED: UPDATED 3.
CHECKED BY	D. [signature]	DATE: 2/22/14	REVISED:
APPROVED BY	[signature]	DATE: 2/26/14	REVISED:

FILE: V:\PWELIB\PAVING\29411.FIN
PLOT DATE: 12-FEB-2014

EROSION CONTROL AND C.B.

	TYPE M	-CBW	-RESET
THIS SHEET	3	0	3
PROJECT TOTAL	3	0	3

29411 (1 OF 2) 12" X 11" N. 45TH ST.



NOTES :

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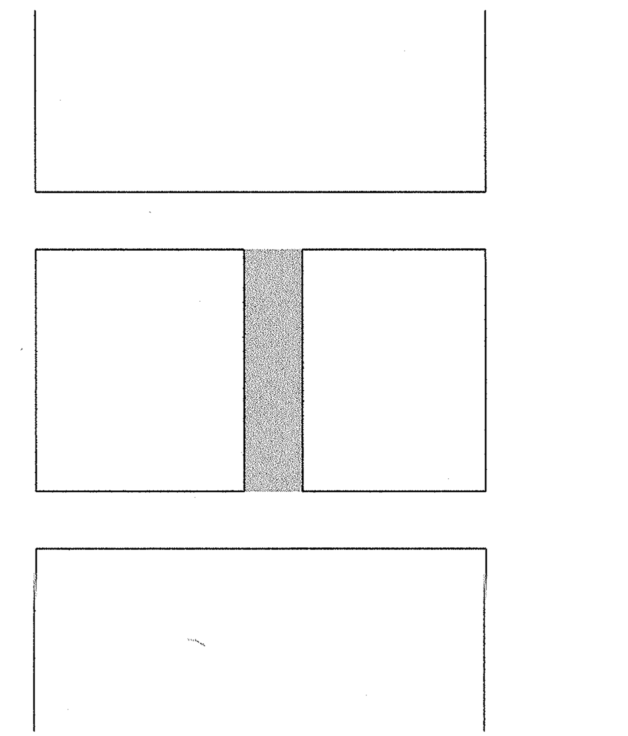
- CONSTRUCT ALL CARRIAGE WALKS AND DRIVEWAYS PER CITY OF MILWAUKEE SPECIFICATIONS.
- OFFSET MEASUREMENTS TO TREES, WOOD POLES AND LIGHT POLES ARE TAKEN TO EDGE NEAREST THE CENTERLINE.
- OFFSET MEASUREMENTS TO HYDRANTS ARE TAKEN TO THE OPERATING NUT.



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.						
	CURB &/OR CURB & GUTTER REMOVAL	L.F.						
X	CONC.WALK &/OR DRIVEWAY REMOVAL	S.F.						
X	SAWING (FULL DEPTH)	L.F.						
	SAWING	L.F.						
	TREES CLEARING	I.D.						
	TREES GRUBBING	I.D.						
	CONCRETE CURB & GUTTER	L.F.						
X	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.						
X	TACK COAT	GAL.						
X	BASE PREP. FOR ASPHALT SURFACE	L.S.						
	V.T.ASPH.CONC.PAV'T.(MAX.)	S.Y.						
X	ASPH. CONC. PAV'T.	TONS						
X	4' CRUSHED STONE BASE	S.Y.						
	CRUSHED GRAVEL BASE							
X	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.						
	MANHOLE RINGS	EACH						
X	SEWER FRAME ADJUSTMENT	V.F.						
	MANHOLE SEAL (CITY FURNISHED)	EACH						
X	EROSION CONTROL (TYPE M)	EACH						

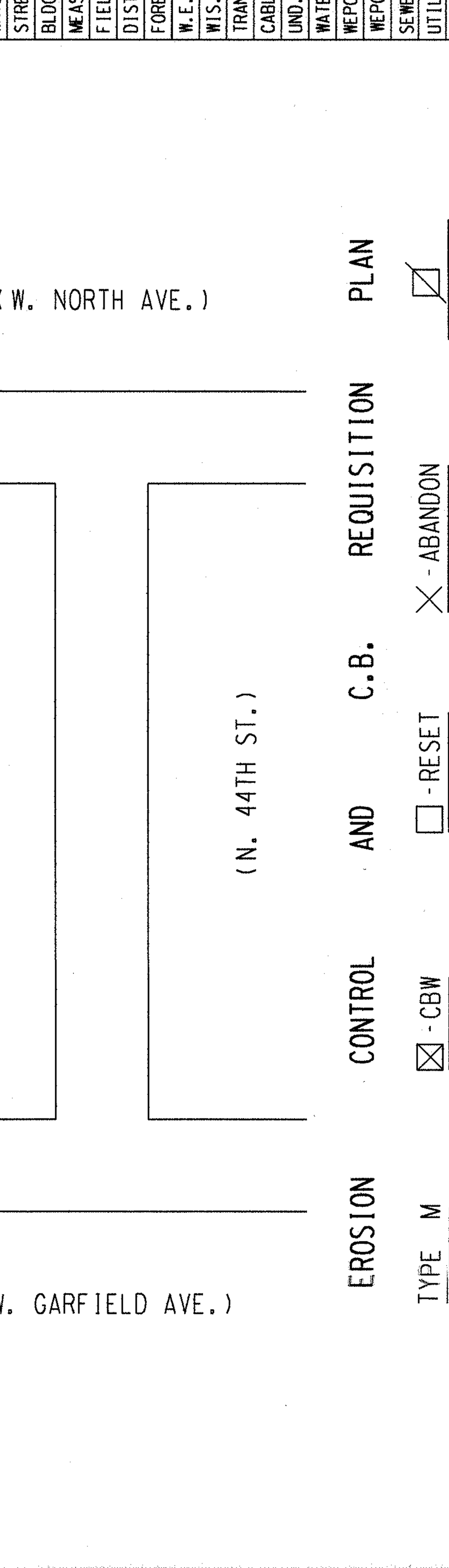
DEPARTMENT OF PUBLIC WORKS
INFRASTRUCTURE SERVICES DIVISION
FIELD OPERATIONS
FIELD & DESIGN ENGINEERING
MILWAUKEE, WISCONSIN

FILE NO. 109

PLAN OF: ALLEY BETW.
W. GARFIELD AV., W. NORTH AV., N. 44TH ST., N. 45TH ST.

THIS SECTION: NORTH-SOUTH LEG

DRAWN BY	B. MATHENY	DATE: 11-14-13	PROJECT NO. ST212140117	SHEET 2 OF 2
DESCRIPTIONS BY	B. MATHENY	DATE: 11-14-13		
LEVELS BY	KLINKIEWICZ	DATE: 10-08-13	SCALE 1" = 10'	1/4 SEC. 347 / ALD.DIST. 15
LEVELS TRANSF. BY	KLINKIEWICZ	DATE: 10-08-13		
DESIGNED BY	D. GEHRING	DATE: 12-04-13	OBSTRUCTIONS - SEE OBSTRUCTION LIST	
GRADES TRANSF. BY	S. SALAPAT	DATE: 01-17-13	REVISED: UPDATED 3/20/14 GEHRING	
CHECKED BY	[signature]	DATE: 2/22/14	REVISED:	
APPROVED BY	[signature]	DATE: 2/26/14	REVISED:	
FILE: V:\PWELIB\PAVING\29411.FIN				
PLOT DATE: 12-FEB-2014				



	EROSION	CONTROL	AND C.B.	REQUISITION	PLAN
	TYPE M	☒ - CBW	☐ - RESET	X - ABANDON	NO WORK
THIS SHEET	0	0	0	0	
PROJECT TOTAL	3	0	3	0	

TO / DATE	2/27/14	3/27/14	4/25/14	
ESTIMATING	1	1		
HOLLOW WALKS				
PUBLIC HEARING	1	1		
CONSTRUCTION	1	1	6	
SEWER	1	1		
WATER	1	1		
STREET LIGHTING	1	1		
BLDG. SEWERS	1	1		
MEASURING		1		
FIELD		1		
DISTRICT FILE	2	2		
FORESTRY	1	1		
W.E. / G.O.				
WIS. GAS CO.	1	1		
TRANSIT SYSTEM				
CABLE TV				
UND. GRD. COND.		1		
WATER DIST.	1	1		
WEPCO N/S	1	1		
WEPCO S/S		1		
SEWER SERVICES				
UTILITY COOR.	1	1		
Traffic Eng RM 506			15	
PLAN SIZE	12" X 62"			

ALLEY BETW. W. GARFIELD AV., W. NORTH AV., N. 44TH ST., N. 45TH ST. (2 OF 2)
NORTH-SOUTH LEG
ST212140117
29411 12" X 62"