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 & SOD ENTIRE AREA BETWEEN CURB AND CW.
- GRADE & PLACE 1.5' WIDTH OF SOD IN LAWN AREAS DISTURBED BY CONSTRUCTION UNLESS OTHERWISE NOTED OR DIRECTED.
- ANY TREE TO BE REMOVED AS PART OF THE PROJECT WILL BE INDICATED IN THE CONTRACT SPECIAL PROVISIONS.
- GRIND THE ROADWAY AS NECESSARY TO ACHIEVE .12' MIN. COVER AT FLANGES, .17' AT BUTT JTS AND .21' MIN. ELSEWHERE.

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

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	LINE, GRADE AND STAKING	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	7' CONCRETE DRIVEWAY	S.F.						
X	9' CONCRETE DRIVEWAY	S.F.						
X	7' 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.						
X	V.T.ASPH.CONC.PAV'T.(MAX.)	S.Y.						
	CRUSHED STONE BASE							
X	3' CRUSHED GRAVEL BASE							
X	GRAVEL FILLING	TON						
X	SODDING	S.Y.						
X	TOPSOIL	C.Y.						
	PAVEMENT GRINDING (ASPHALT)	S.Y.						
X	PAVEMENT GRINDING (CONCRETE)	S.Y.						
	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						
	EROSION CONTROL (TYPE P)	EACH						

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

FILE NO. 970

PLAN OF: E. MANITOBA ST. (1200E)

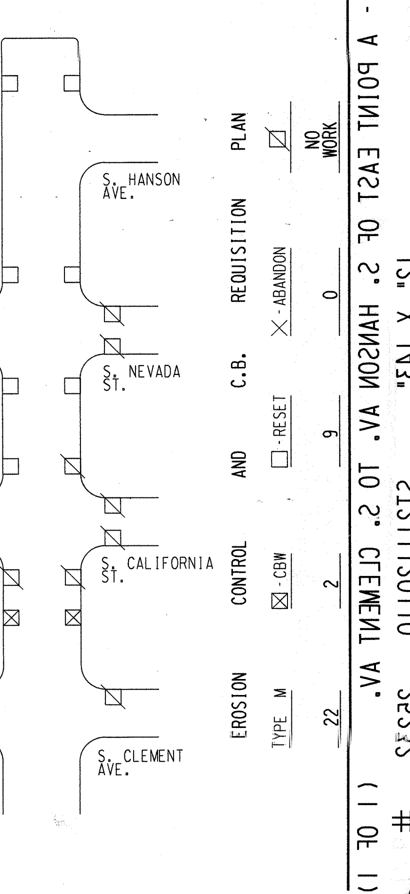
A POINT EAST OF S. HANSON AV. TO S. CLEMENT AV.

THIS SECTION:

DRAWN BY	G. GUERRA	DATE:	PROJECT NO. ST211120110	SHEET 1 OF 1
DESCRIPTIONS BY	G. GUERRA	DATE:		
LEVELS BY	BEKELE	DATE: 08-01-11	SCALE 1" = 10'	1/4 SEC. 504 / ALD.DIST.
LEVELS TRANSF. BY	G. GUERRA	DATE: 08-17-11		
DESIGNED BY	S. CULL	DATE:	OBSTRUCTIONS - SEE OBSTRUCTION LIST	
GRADES TRANSF. BY	S. CULL	DATE:	REVISED: XSEC/DESIGN UPDATE FROM 1993 PLAN	
CHECKED BY	[signature]	DATE: 3/18/14		
APPROVED BY	[signature]	DATE: 3/21/14	REVISED: NO WALK REVISION AND GRADE 03/10/2014 GGUERRA	
FILE: V: \PWELIB\PAVING \25232-NOWALK.FIN				
PLOT DATE: 10-MAR-2014				

STORM DRAINAGE UNITS		
C.B.W.- 2	RESET- 9	ABANDON- 0
PROJECT IN (COMB) AREA		

TO	DATE 6/4/14
ESTIMATING	
HOLLOW WALKS	
PUBLIC HEARING	
CONSTRUCTION	6
SEWER	
WATER	
STREET LIGHTING	
BLDG. SERVICES	
MEASURING	1
FIELD	1
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.	
RM 506	15
PLAN SIZE	



EROSION	CONTROL	AND	C.B.	REQUISITION	PLAN
TYPE M	☒ - CBW		☐ - RESET	X - ABANDON	☒ NO WORK
22	2		9	0	

E. MANITOBA ST. - A POINT EAST OF S. HANSON AV. TO S. CLEMENT AV.

12" X 14" ST211120110 # 25232 (1 OF 1)