


SCALE 1"=15' PHOTO: JUNE 2015

CATHODIC PROTECTION SCHEDULE	
DESCRIPTION	CPS STATION
GROUNDBED INSTALLATION	
GROUNDBED STYLE	SEMI-DEEP ANODE
GROUNDBED QUANTITY	3 EACH
GROUNDBED TERMINATION	TYPE 1
SURFACE CASING LENGTH	30 FEET
INACTIVE LENGTH	30 FEET
ACTIVE LENGTH	70 FEET
TOTAL LENGTH	100 FEET
DIAMETER	10-INCH
ANODE TYPE	TA-3
QUANTITY	5 EACH
ANODE SPACING	10 FOOT OC
GROUNDBED RAIL	YES
RECTIFIER INSTALLATION	
STYLE	TYPE 1
DC VOLTS OUTPUT	40 VOLTS
DC AMPS OUTPUT	25 AMPS
AC POWER INPUT	120/240 VAC, SINGLE
AC SERVICE STYLE	UNDERGROUND
AC METER REQUIRED	YES
RECTIFIER RAIL	YES
REMOTE MONITORING	SCOUT

COORDINATES		
	NORTH	EAST
RECTIFIER	333089.66	2566090.56
IPS CONNECTION	333089.66	2566080.13
GROUNDBED #1	333211.00	2566091.23
GROUNDBED #2	333261.00	2566091.57
GROUNDBED #3	333311.00	2566091.94
GROUNDBED #4	333360.00	2566092.30

- NOTES:**
- ALL COORDINATES ARE WISCONSIN STATE PLANE, SOUTH ZONE, NAD27 DATUM, FEET.
  - COORDINATES FOR RECTIFIER AND GROUNDBEDS ARE AT CENTER OF CONCRETE SLAB.
  - COORDINATE WITH ELECTRIC UTILITY FOR POWER SERVICE INSTALLATION AND REQUIREMENTS.
  - COORDINATE WITH PORT OF MILWAUKEE FOR RELOCATION OF MATERIAL STORED ON PERMANENT AND ACCESS EASEMENTS.
  - CONTRACTOR TO PROVIDE GRAVEL DRIVE TO RECTIFIER AS SPECIFIED AND SHOWN ON DRAWINGS.
  - CONTRACTOR TO MAINTAIN OSHA SEPARATION DISTANCE BETWEEN EQUIPMENT AND VEHICLES FROM OHE CONDUCTORS AT ALL TIMES.

PRELIMINARY

REUSE OF DOCUMENTS THIS DOCUMENT AND THE IDEAS AND DESIGNS INCORPORATED HEREIN IS AN INSTRUMENT OF PROFESSIONAL SERVICE AND IS NOT TO BE USED, IN WHOLE OR IN PART, FOR ANY OTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF THE MILWAUKEE METROPOLITAN SEWERAGE DISTRICT.	VERIFY SCALES BAR IS ONE INCH ON ORIGINAL DRAWING 0" = 1" IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.	DSGN J. MATTSON DR J. MATTSON CHK J. MATTSON APVD D. DINEEN	This Design Prepared For MMSD By: <b>DONOHUE</b> CORROSION CONTROL TECHNOLOGIES, INC.	REV. NO.	DATE	REVISION DESCRIPTION	BY	APVD	 MMSD PARTNERS FOR A CLEANER ENVIRONMENT	MILWAUKEE METROPOLITAN SEWERAGE DISTRICT INTERPLANT SLUDGE SYSTEM CATHODIC PROTECTION SYSTEM UPGRADE  CORROSION CONTROL CP STATION #IPS-483 - SITE PLAN	DRAWING NO.: C-7	
											SHEET: 10-1020	OCT 2019
											CONTRACT: P01005C05	MMSD FILE: 10-1014.DWG