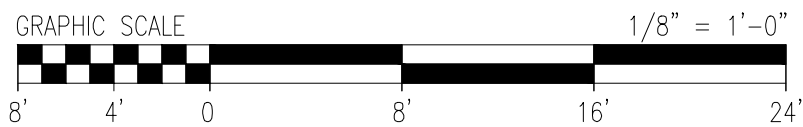


SYMBOLS LEGEND	
▲	GROUND ROD
●	CAD WELD CONNECTION
■	BUILDING GROUND
⊗	GROUND DISCONNECT TEST WELL

- NOTES:
1. ALL NECESSARY GROUNDING MATERIAL, ANODES/RODS, SPARE CONDUCTORS, LUGS, TEST WELLS, ETC., UNLESS OTHERWISE NOTED, SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR.
 2. GROUND CABLE FORMING THE MAIN GROUNDING LOOP SHALL NOT BE SMALLER THAN #4/0 AWG AND SHALL BE BURIED NO LESS THAN TWENTY-FOUR (24) INCHES BELOW FINISHED GRADE. THIS CABLE SHALL BE CONTINUOUS WITHOUT SPLICES.
 3. ALL GROUND TAP CONDUCTORS FROM MAIN GROUND LOOP SHALL BE A MINIMUM #2 AWG. ALL TAPS FROM MAIN GROUND LOOP SHALL BE MADE AT A MINIMUM DEPTH OF TWENTY-FOUR (24) INCHES BELOW FINISHED GRADE.
 4. ALL BURIED GROUND TAPS FROM MAIN GROUND LOOP SHALL BE MADE BY BRAZING OR THERMITE WELDING PROCESS.
 5. ALL GROUND LUGS SHALL BE CORROSION RESISTANT MATERIAL AND DESIGNED SPECIFICALLY FOR THE APPLICATION.
 6. WHERE GROUNDING CONDUCTORS EMERGE FROM THE GROUND OR CONCRETE REQUIRE PROTECTION, SECTIONS OF SCHEDULE 80 PVC CONDUIT SHALL BE USED AND SHALL EXTEND A MINIMUM OF FOUR (4) INCHES BELOW AND ABOVE FINISHED GRADE.



ISSUED FOR BID

REV	BY	DATE	DESCRIPTION	DWG NO.	REFERENCE DRAWINGS	SEAL AND SIGNATURE

PRJ MANAGER: MARK D. WOOD	CLIENT INFORMATION
PRJ ENGINEER: MARK D. WOOD	
PRJ NAME: WEST COMMERCIAL STREET	
PRJ NUMBER: 5183	
PRJ MILESTONE: ISSUED FOR BID	
PRJ PHASE: ISSUED FOR BID	
DESIGNED BY: MDW 05/20/16	DESIGN MANAGER: TIM BICKFORD
DRAFTED BY: RPC 05/20/16	REVIEWED BY:
CHECKED BY: SMR 05/20/16	DESIGN ENGINEER: BOB SCHUMMRICK
APPROVED BY: MDW 05/20/16	AUTH NO: 6039 167616
	CHECKED BY:
	APPROVED BY:

SHEET TITLE	GROUNDING PLAN
PROJECT NAME	WEST COMMERCIAL STREET REGULATOR STATION
PROJECT LOCATION	PORTLAND, ME 04101

1600 Providence Highway
Walpole, MA 02081
781.829.0524
processpipelineservices.com

FILE NAME: 5183_C00.DWG	SIZE	SHEET	REV
PLOT DATE: 05/25/2016 2:58 PM	22X34	E07	F
SCALE: 1/8" = 1'-0"	SHEET 26 OF 35		