Reviewed for Code Compliance
Inspector Signature
Approved Plans
Date: 08/03/16

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.

GRAPHIC SCALE 1/8" = 1'-0"
8' 4' 0 8' 16' 24'

ISSUED FOR BID

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

PRJ MANAGER: MARK D. WOOD		
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
DRAFTED BY:	RPG	05/20/16
CHECKED BY:	SMR	05/20/16
APPROVED BY:	MDW	05/20/16

CLIENT INFORMATION: Unitil ME GAS OPERATIONS

DESIGN MANAGER: TIM BICKFORD
DESIGN ENGINEER: BOB SCHUMMRICK
AUTH NO: 6039 167616
REVIEWED BY:
CHECKED BY:
APPROVED BY:

SHEET TITLE: GROUNDING PLAN

PROJECT NAME: WEST COMMERCIAL STREET REGULATOR STATION

PROJECT LOCATION: PORTLAND, ME 04101

PROCESS PIPELINE SERVICES
1600 Providence Highway
Walpole, MA 02081
781.829.0524
processpipelineservices.com

FILE NAME: 5183_C00.DWG
PLOT DATE: 05/25/2016 2:58 PM
SCALE: 1/8" = 1'-0"

SIZE	SHEET	REV
22X34	E07	F

SHEET 26 OF 35