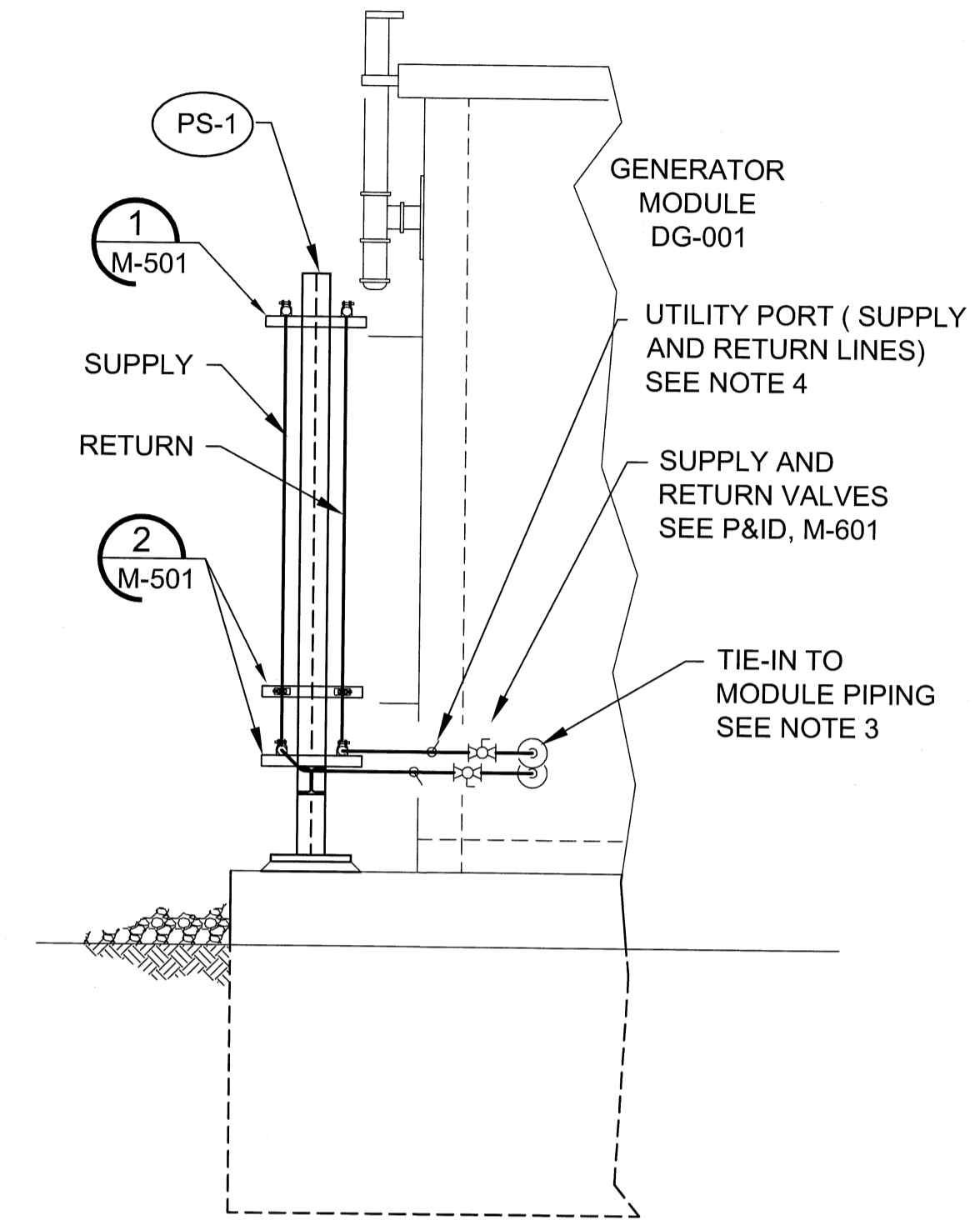
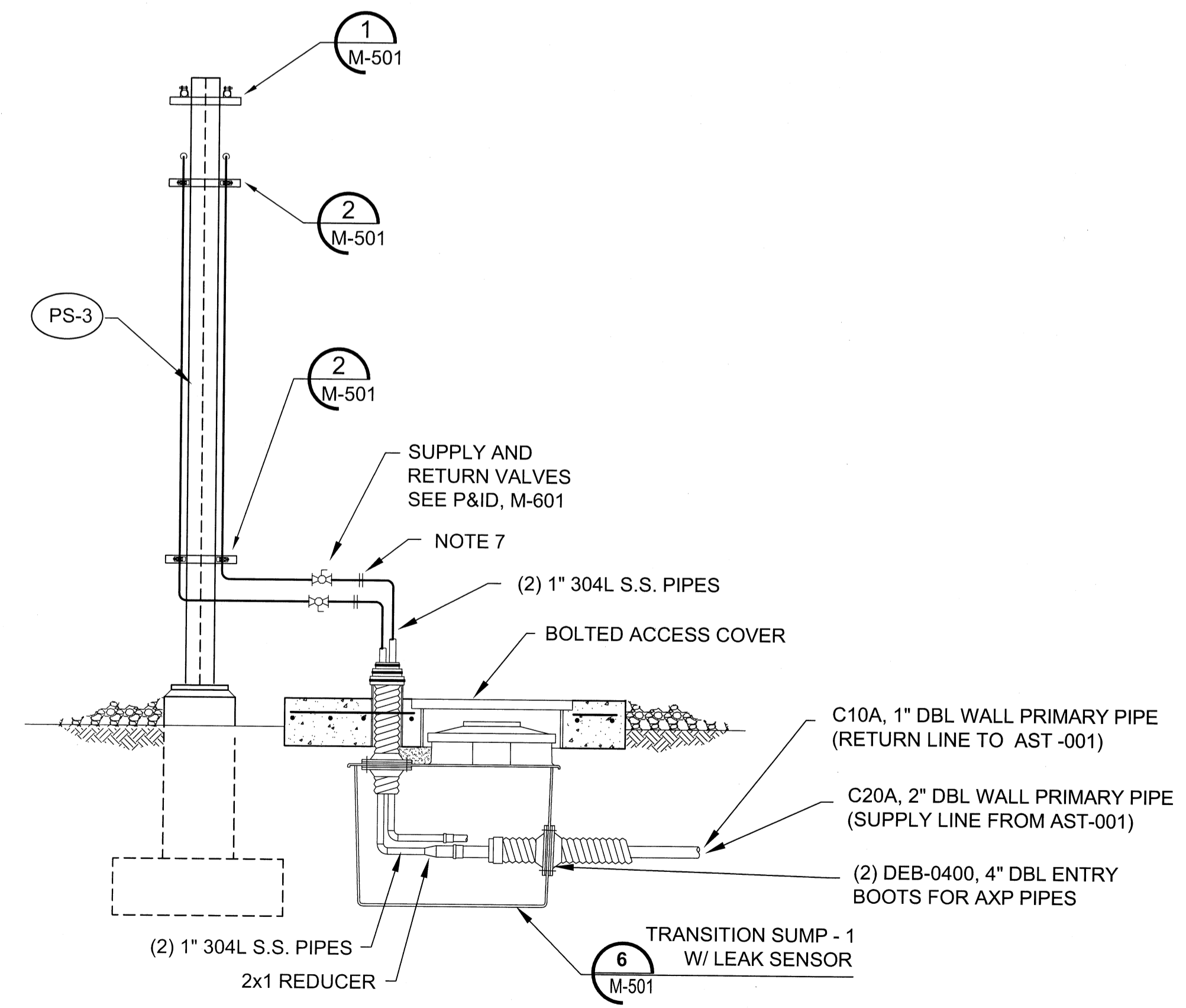


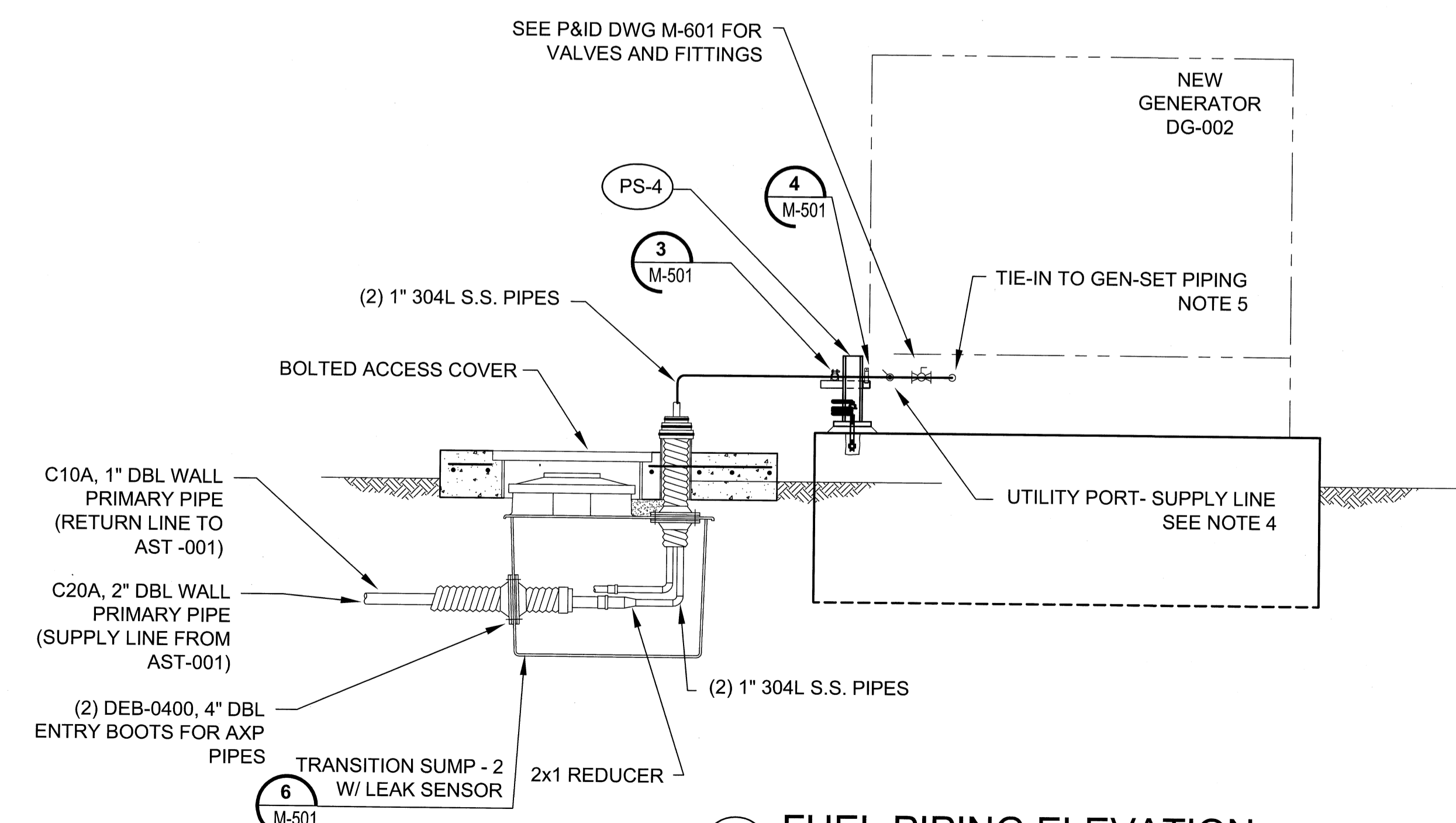
**A FUEL PIPING ELEVATION**  
M-101 SCALE: 1/2"=1'-0"



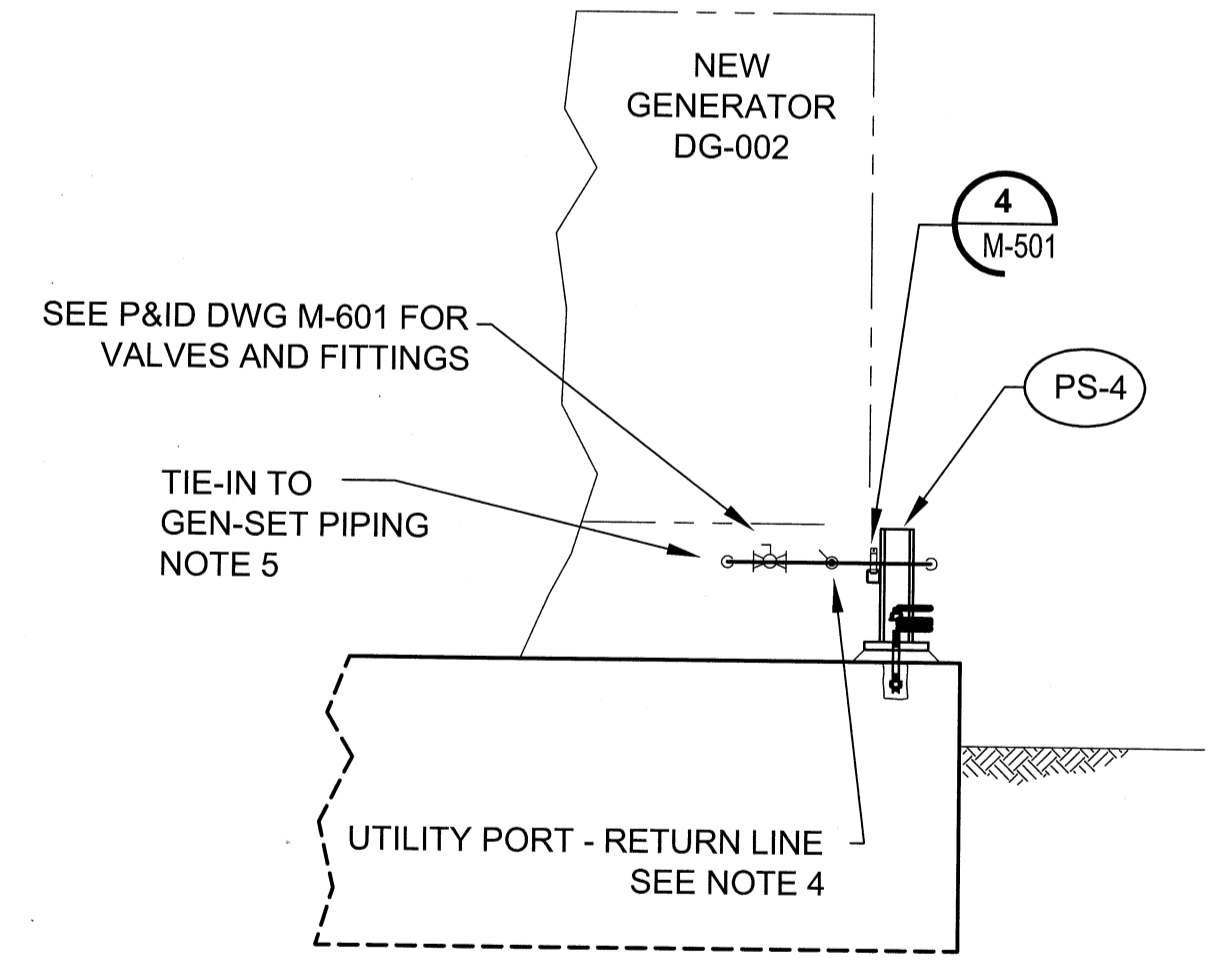
**B ELEVATION**  
SCALE: 1/2"=1'-0"



**C ELEVATION**  
SCALE: 1/2"=1'-0"



**D FUEL PIPING ELEVATION**  
M-101 SCALE: 1/2"=1'-0"



**E FUEL PIPING ELEVATION**  
M-101 SCALE: 1/2"=1'-0"

**NOTES:**

- SEE NOTES DRAWING M-101.
- MAKE STAINLESS STEEL FLANGE TO FLANGE CONNECTIONS. INSTALL SOCKET WELD STAINLESS STEEL FLANGES ON PIPING SYSTEM SIDE. (TANK FUEL LINES COME EQUIPPED WITH STAINLESS STEEL FLANGES.)
- MAKE STAINLESS STEEL FLANGE TO FLANGE CONNECTIONS. INSTALL THREADED STAINLESS STEEL FLANGES ON THE MODULE GEN-SET FUEL LINE STUB-OUTS. IF NECESSARY TO ALLOW FOR PROPER CLEARANCES, INSTALL A COUPLING AND PIPE NIPPLE TO ONE OF THE STUB-OUTS TO STAGGER FLANGES. INSTALL SOCKET WELD STAINLESS STEEL FLANGES ON PIPING SYSTEM SIDE.
- UTILITY PORT SHALL CONSIST OF A SOCKET WELD TEE, POE/TOE PIPE NIPPLE, THREADED BALL VALVE (LOCKABLE) AND PLUG. ALL 1" 304L STAINLESS STEEL. UTILITY PORT TO BE USED AS A UTILITY CONNECTION FOR TESTING, PRIMING, DRAINING, AND VENTING. THE HIGH POINT PORTS SHALL BE INSTALLED IN THE VERTICAL POSITION, AND THE LOW POINT PORTS SHALL BE INSTALLED IN THE HORIZONTAL POSITION.
- MAKE FLANGE TO FLANGE CONNECTIONS. INSTALL THREADED CARBON STEEL FLANGES ON THE SITE GEN-SET FUEL LINE STUB-OUTS. IF NECESSARY TO ALLOW FOR PROPER CLEARANCES, INSTALL A COUPLING AND PIPE NIPPLE TO ONE OF THE STUB-OUTS TO STAGGER FLANGES. INSTALL SOCKET WELD STAINLESS STEEL FLANGES ON PIPING SYSTEM SIDE. USE FLANGE INSULATING GASKET KITS.
- LOCATE THESE CHECK VALVES IN SUPPLY AND RETURN LINES AND AS NEAR AS POSSIBLE TO THE TEE. CHECK VALVES TO BE OPW 175B WITH INTERNAL PRESSURE RELIEF, OR APPROVED EQUAL. CONTRACTOR SHALL VERIFY PROPER DIRECTION OF CHECK VALVES PRIOR TO INSTALLATION.
- FURNISH AND INSTALL SOCKET WELD STAINLESS STEEL FLANGES TO PROVIDE ACCESS FOR VALVE REMOVAL. ALSO SHOWN ON DRAWING M-601.



Project Manager	Architectural	Mechanical	Plumbing	Electrical	Civil
DC Reviewer					

Mark	Date	Approved
	11/7/12	
ISSUED FOR CONSTRUCTION		

Designed by	DBH
Checked by	DBH
Drawn by	RAM
Reviewed by	CHB
Date	2012

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**FEMA**  
FEMA EMERGENCY RADIO NETWORK  
ON WIGAN PORTLAND, MAINE

**FUEL PIPING SYSTEM ELEVATIONS**

