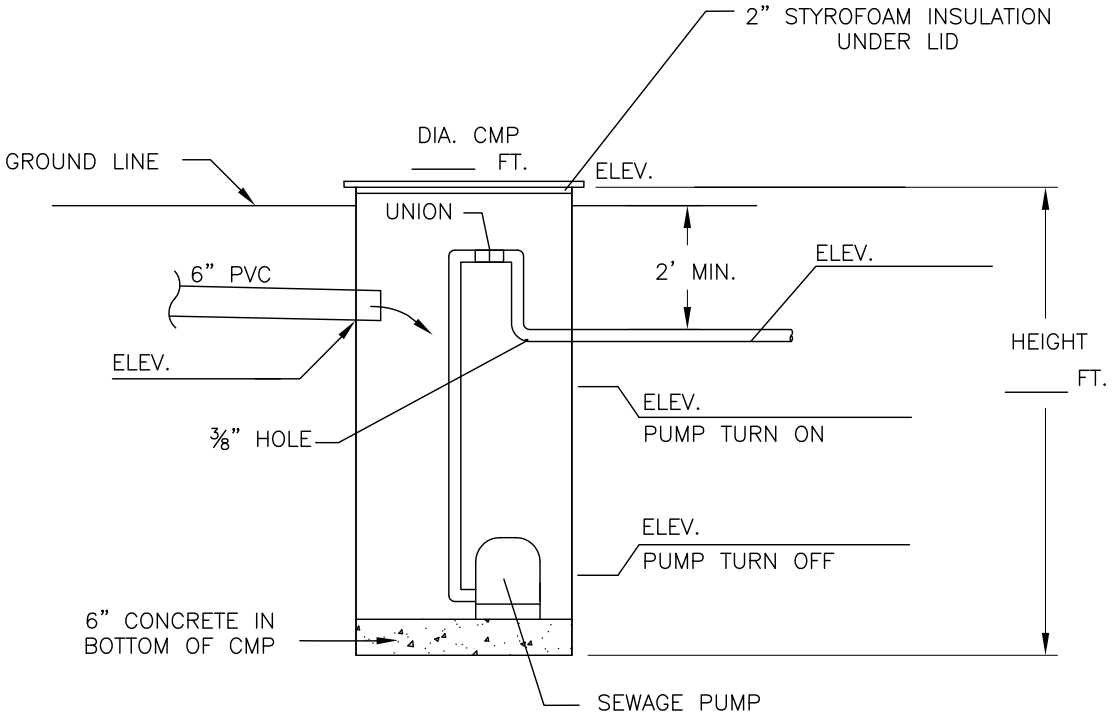

TYPICAL SECTION

NOTES:
1. ONLY FOR USE ABOVE WATER TABLE. NOT FOR USE IN PERMEABLE SOILS (I.E. < 40% FINES).
2. PLACE BASIN ON UNDISTURBED GROUND OR CRUSHED STONE TO ENSURE A SOLID BASE.
3. THE BASIN OPENING MUST HAVE A COVER.
4. ALL PVC PIPES MUST MEET WI. STANDARD AND SPEC. 634.
5. PLACE RIGID STYROFOAM INSULATION OVER THE PIPE WHEREVER THERE IS LESS THAN 3' OF COVER. 2.5-INCHES OF STYROFOAM REPLACES APPROXIMATELY ONE FOOT OF SOIL.
6. SUGGESTED MINIMUM DIAMETER OF CMP IS 36" TO REDUCE PUMP CYCLING.
7. CAULK OR GROUT AT PIPE OPENINGS TO ENSURE LIQUID TIGHTNESS.
8. THE BASIN IS A CONFINED SPACE. FOLLOW ASAE EP470, MANURE STORAGE SAFETY, FOR ANY PLANNED ENTRY.

QUANTITIES	
_____' DIA. CMP	LIN. FT.
CONCRETE	CU. YDS.
CRUSHED STONE	CU. YDS.
6" PVC (SCH.40 OR SDR 35)	LIN. FT.
2" STYROFOAM INSULATION	SQ. FT.
PUMP _____ GPM @ _____ FT.	EACH
PIPE FROM PUMP – _____" DIA.	LIN. FT.
LID	EACH
CAULKING	AS NEEDED

USDA United States Department of Agriculture
Natural Resources Conservation Service

CMP PUMPING BASIN

CLIENT: _____
COUNTY: _____

Date
Designed _____
Drawn _____
Checked _____
Approved _____

File Name
WI-911B
Date
08/14
Sheet of