

File 5.1.2

Contractor:	<b>Kubricky Construction</b>
Job Name:	<b>Middlebury EWP3(1)</b>
Location:	<b>Middlebury, Vt.</b>
Job #	<b>169-17</b> Date: <b>5/18/2017</b>
Drawn By:	<b>JH</b>

Typically VTrans calls for 18" mins sump, but this is ok for the temporary structure.

Neenah Type D grate does not conform with VTrans Type D (See D-15). Neenah Type Grate that best resembles VTrans Standard is Type H. (Catalog No. R-3589-A)

**Product I.D. DI 22+70.5**    Diameter: **48"**  
 Invert: **No**    Ladders: **No**    Coating: **No**    Access Size: **24"**  
 Cast Iron / Hatch: **Neenah R-3589 24" x 24" x 8" Frame and Type D Grate (3**

Rim:	<b>370.65</b>	Cone:		Riser#1:		Riser#4:	
Inv. Out:	<b>365.50</b>	Cover:	<b>12"</b>	Riser#2:		Riser#5:	
Diff:	<b>5.15</b>	Base:	<b>4'</b>	Riser#3:		Riser#6:	
Sump:	<b>0.75</b>						

Gross V.F.:	<b>5.90</b>	Angle	<b>0</b>				
C.I. Height:	<b>0.67</b>	Boot:	<b>8022</b>				
Net V.F.:	<b>5.23</b>	Dist. Up:	<b>18" to ctr</b>				
Brick Space:	<b>0.23</b>	Pipe Type:	<b>HDPE</b>				
Actual V.F.:	<b>5.00</b>	Pipe Size:	<b>18"</b>				

<b>Quality Control</b>	<b>Prepour</b>	Form Cleaning: _____	Form Release: _____
		Rein. Steel: <b>Std. Spec.</b>	Form Closure: _____
		Block Out: _____	Rein. Size: _____
		Comments: _____	Q.C. by/date: _____
<b>Quality Control</b>	<b>Postpour</b>	Finish: _____	Bricking: _____
		Invert: _____	Ladders: _____
		Coating: _____	Boots: _____
		Comments: _____	Q.C. by/date: _____

Special Info / Comments: **\*\*VT AOT Specs. including 8" thick base\*\***

Mix #: \_\_\_\_\_    Wt.: \_\_\_\_\_    **\*\*Cast Iron Certs. Required\*\***

Mold #: \_\_\_\_\_    YDS<sup>3</sup>: \_\_\_\_\_

**BASE**



18" HDPE up 18" to center  
 elev. 365.50