

KUBRICKY CONSTRUCTION CORP.  
269 BALLARD ROAD

WILTON, NY 12831  
518 792-5864



Rutland City BRF 3000 (2014036)  
SUBMITTAL 74

Issued 10/15/15  
Respond by 10/20/15

To

Timothy Pockette, PE

Topic 501.07 Cold Weather Concrete Plan (Ripley Substructure)  
Status For Approval  
Spec section 501.07  
Responsibility (19) Ripley Rd  
Sent to approver 10/15/15  
Required from approver 10/20/15

Message Tim,

Please find the attached procedures for cold weather concrete at the Ripley Rd substructure

If you have any questions or concerns with these procedures, please let me know.

Thanks,  
Volker

From

Volker H.D. Burkowski

Signed by

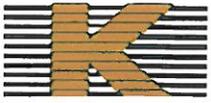
Date

10/15/16

Proceed as Indicated

Owner Authorized Representative

Date



Winter Concrete Plan Ripley Road Substructure

501.07 (b)

When placing concrete under Cold Weather Concrete conditions, KCC will follow these procedures:

1. Aggregates and/or water will be heated as necessary to maintain concrete temperature of 50° F just prior to placement.
2. Prior to placement all formwork will be cleared of ice, snow and frost. This will be accomplished by covering the forms with curing blankets and/or building an enclosure around the forms and heating the night prior to the pour. The temperature of the form surface will be checked prior to placement to ensure that the forms are above 32° F.
3. If daily low temperatures are predicted to be between 32° and 40° F KCC will cover the concrete with curing blankets immediately follow the pour and initiation of the wet cure. Blankets will remain for the duration of the curing period. If the temperature readings of the concrete indicate that it may fall below 50° F a heated enclosure will be built as described below.
4. If weather predictions indicate that daily lows will go below freezing during the placement and curing period, an enclosure will be built prior to placement. The enclosure will be constructed of 2x lumber and reinforced plastic. The enclosures and concrete will be maintained at a minimum of 50° F by two thermostat regulated 400,000 BTU heaters (see attached cut sheet or equivalent). Heaters will operate outside of the enclosures with ductwork directing heat to required areas inside the enclosure. At the end of the curing period the temperature will be gradually reduced to the surrounding temperature over a 48 hour period.
5. Recording thermometers will be provided for any concrete that is cured below an atmospheric temperature of 50° F. The thermometer will be equivalent to a Dickson KT621 with a C657 recording disk. The thermometer will be placed in a location, agreed upon with the engineer, in an effort to accurately represent the entire curing area.

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**Fits Through  
32" Doorway**

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**SPECIFICATIONS**

	<b>VG400</b>	<b>VG1000</b>
Input	400,000 BTU/Hr	1,000,000 BTU/Hr
Fuel	Vapor Propane/Natural Gas	Vapor Propane/Natural Gas
Gas Consumption	4.4 GPH Propane/400 CFH NG	11 GPH Propane/1000 CFH NG
Gas Connection	3/4" FNPT	1-1/4" FNPT
Electrical	120 Volts 20 amp circuit	240 Volts 1ø 30 amp circuit
Fan	2,100 CFM 1/2" SP	4,075 CFM 2.0" SP
Thermostat	Standard On/Off	Standard On/Off
Temp Rise	200°F @ 0°F Ambient	200°F @ 0°F Ambient
Rated Efficiency	80%	80%
Duct	12" Dia. (up to 50' straight)	20" Dia. (up to 200' straight))
Shipping Dim.	60"L x 24"W x 45"H	120"L x 31.5"W x 54"H
Approx. Weight	400 lbs.	1,300 lbs.

Gas Supply:	Inlet Pressure	
	Max W.C.	Min W.C.
Propane	14"	9"
Natural	14"	9"

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**Ducting**

Wire Reinforced

- Max. temp. limit 350°F
- Available in 25' lengths

Poly Duct

- Max. temp. limit 200°F



- Hose
- Regulators
- Thermostat Lock Boxes

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