

**J . P . C A R R A R A & S O N S , I N C .**  
P R E C A S T / P R E S T R E S S E D C O N C R E T E P R O D U C T S

---

---

**REQUEST FOR INFORMATION**

---

---

TO:	Artie St. Onge	FROM:	Mike Davis / Mike Weigand
COMPANY:	A.L. St. Onge Contractor	DATE:	6/9/16
FAX NUMBER:	802-326-4005	TOTAL NO. OF PAGES INCLUDING COVER:	1 plus Attachments
PHONE NUMBER:	802-326-4792	SENDER'S REFERENCE NUMBER:	<b>RFI #11</b>
RE:	Waitsfield BRF 013-4(39) - Bridge No. 177; VT 100 over Mad River Waitsfield, VT		

---

---

URGENT     FOR REVIEW     PLEASE COMMENT     PLEASE REPLY     FOR YOUR USE

---

---

PLEASE PROVIDE AND/OR CLARIFY THE FOLLOWING:

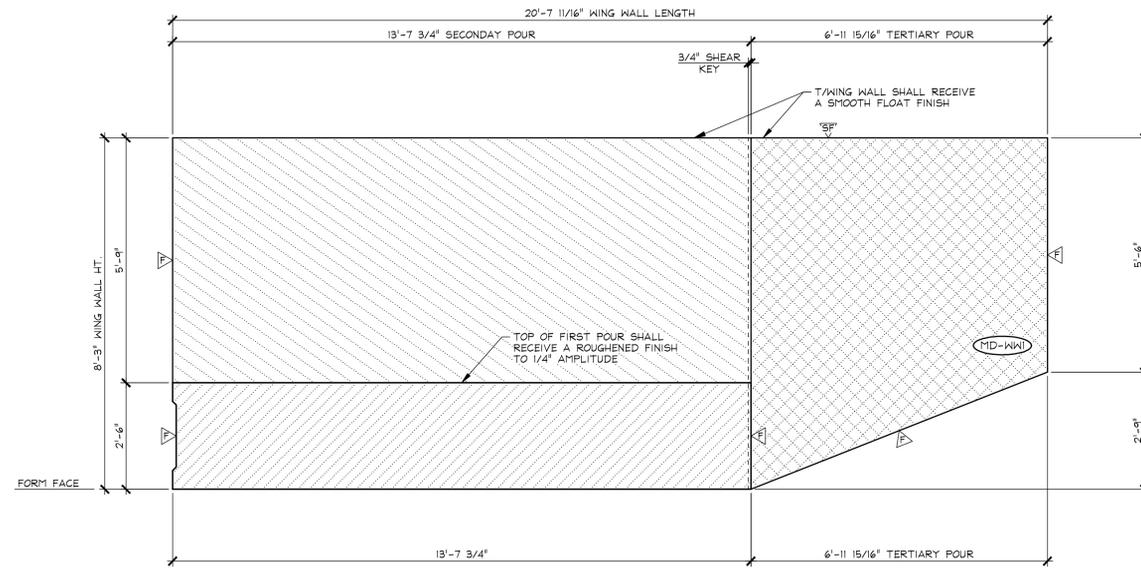
**RFI #11:    Abutment #1: Wingwall #1 & #2 Three-Stage Fabrication**

As an amendment to the previously reviewed JPC RFI #9, J. P. Carrara & Sons, Inc. "JPC" proposes to fabricate Wingwall #1 and Wingwall #2 in three stages which will include the previously coordinated cold joint at the 'top of footing' elevation, 2'6" above the bottom of the walls and will add a second cold joint at the vertical interface of the flying wingwall portion of the wingwalls. This proposed sequencing of concrete placement in the plant will assist with the concrete forming and accommodation of hydrostatic pressure associated with fabrication.

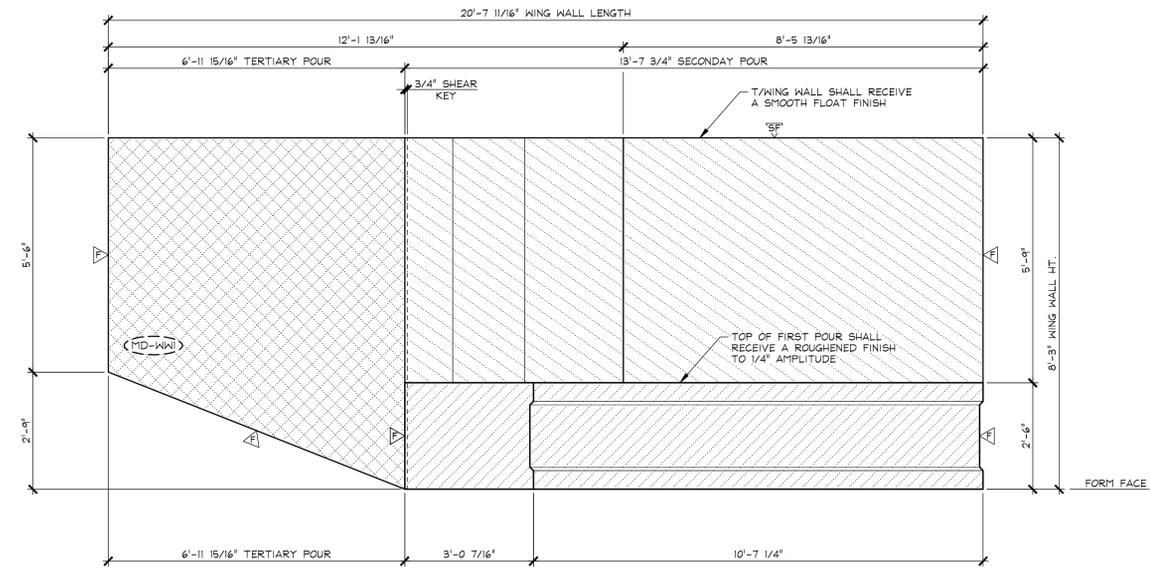
The attached pour sequence drawings WW1.2 and WW2.2 are attached and updated to show the three-stage wingwall fabrication. Please note that JPC proposes to add a ¾" vertical shear key at the interface between the secondary and tertiary concrete placements and a ½" chamfer shall also be placed at the exposed face of the concrete.

All other detailing in the wingwalls shall be in accordance with approved drawings and details, and embedded reinforcing steel shall be placed in the primary and secondary placements as detailed and shall be encased in the third placement of concrete.

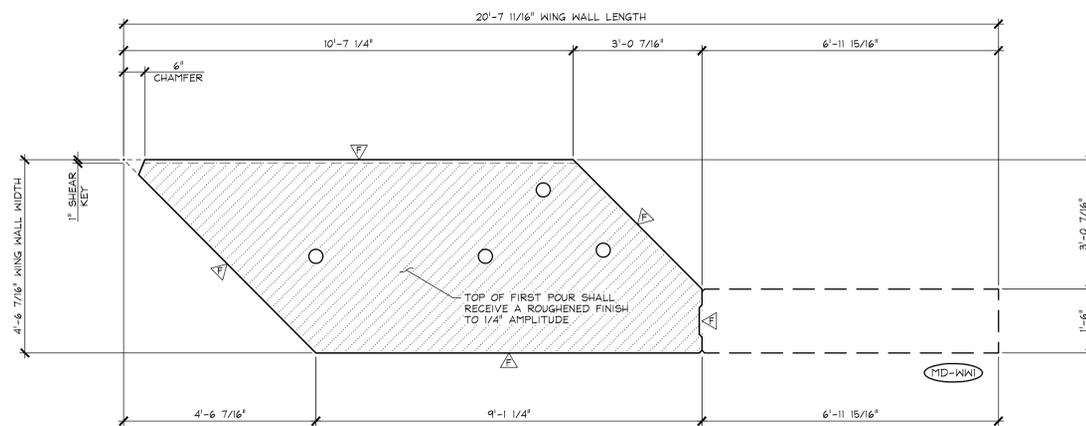
Please contact us at 802-388-6363 with any questions or to discuss.



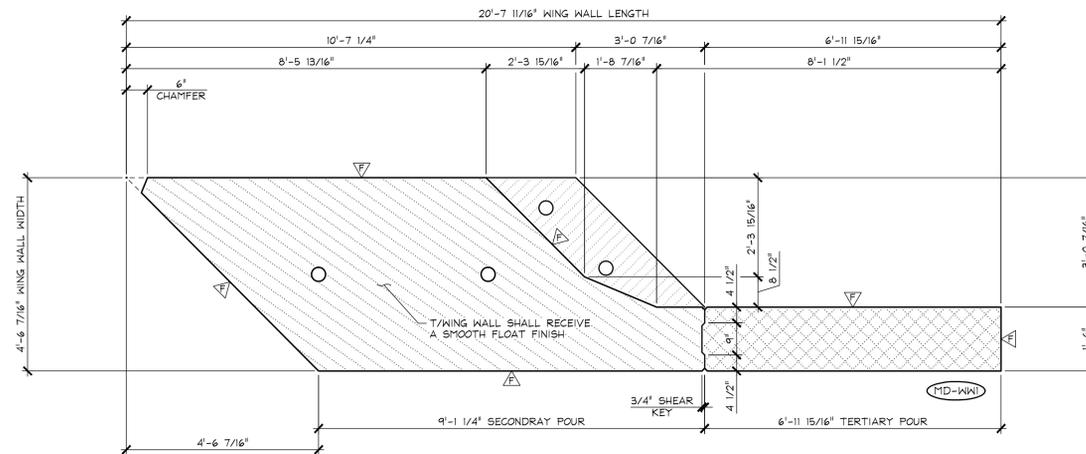
**1** POUR SEQUENCE ELEVATION  
 WWI.2 MARK FACE  
 1/2" = 1'-0"



**2** POUR SEQUENCE ELEVATION  
 WWI.2 NON-MARK FACE  
 1/2" = 1'-0"



**3** FIRST POUR PLAN VIEW IN FORM  
 WWI.2  
 1/2" = 1'-0"

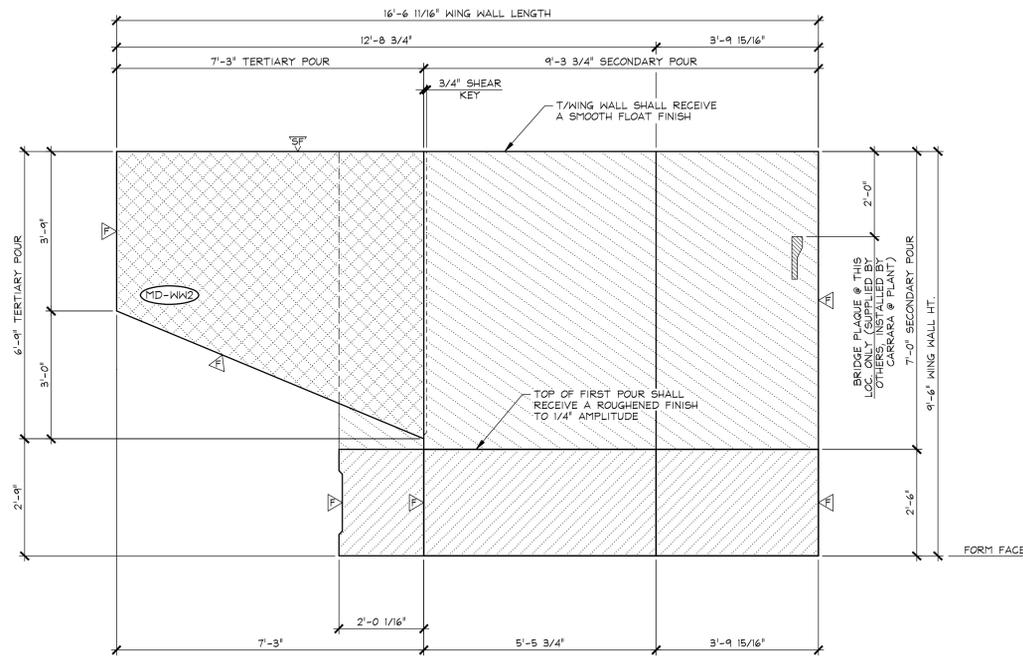


**4** SECONDARY & TERTIARY POUR PLAN VIEW IN FORM  
 WWI.2  
 1/2" = 1'-0"

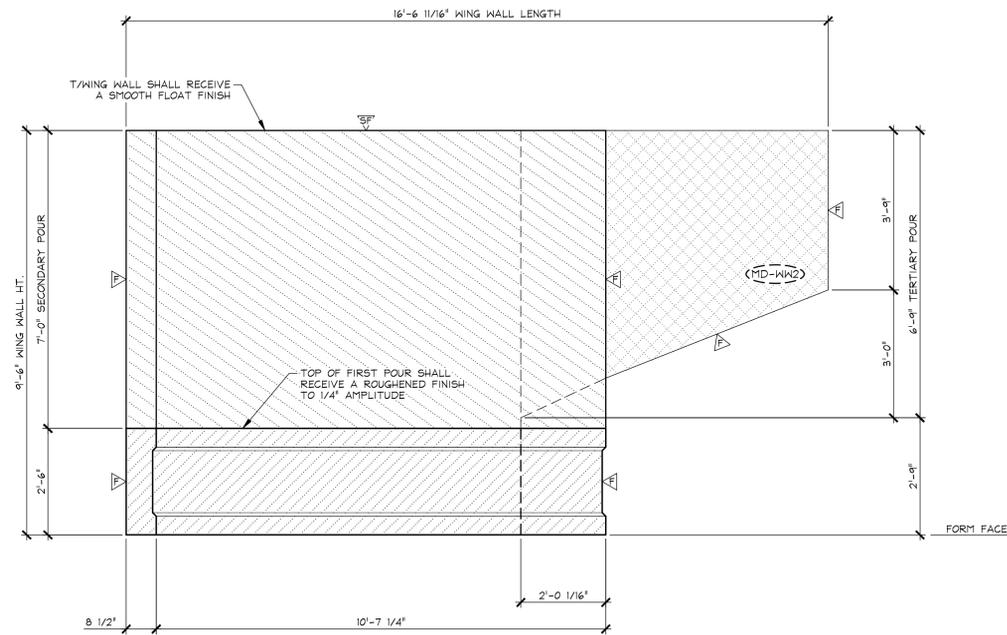
▲ DENOTES FORM FINISH  
 ▨ DENOTES SMOOTH FLOAT FINISH

▲ 6-9-16 ADD TERTIARY POUR

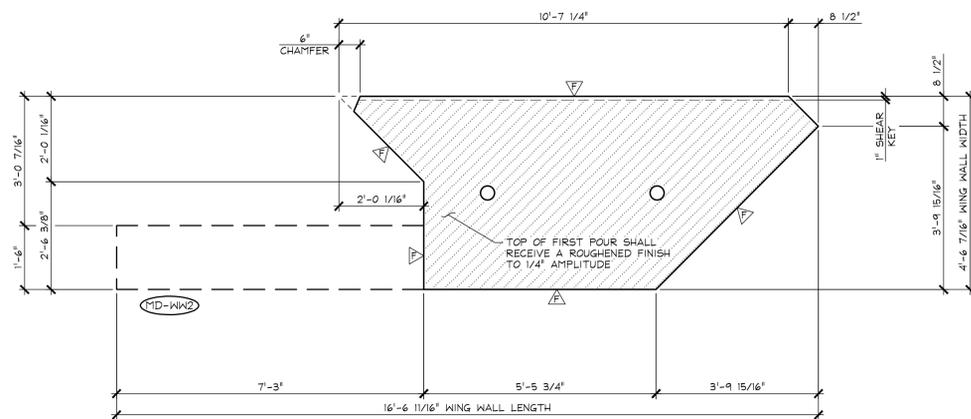
APPROVAL STAMP:	<b>J.P. CARRARA &amp; SONS INC.</b> Precast & Prestress Manufacturer 2464 CASE STR., MIDDLEBURY, VERMONT 05753 Phone:(802)388-6361 Fax:(802)388-9010		A.L. ST. ONGE CONTRACTOR, INC. CONTRACTOR MONTGOMERY, VERMONT	
	STATE OF VERMONT AGENCY OF TRANSPORTATION COUNTY OF WINDSOR		DATE: MAY 24, 2016 SCALE: NOTED	
	TOWN OF WAITSFIELD VT ROUTE 100 (MINOR ARTERIAL) BRIDGE NO.: 177 PROJECT NO.: BRP 013-4(39)		CHKD: -	DFTM: B.L.
	PRECAST WING WALL POUR SEQUENCE DETAILS		JOB NO: 23480-016	DWG. NO: WWI.2



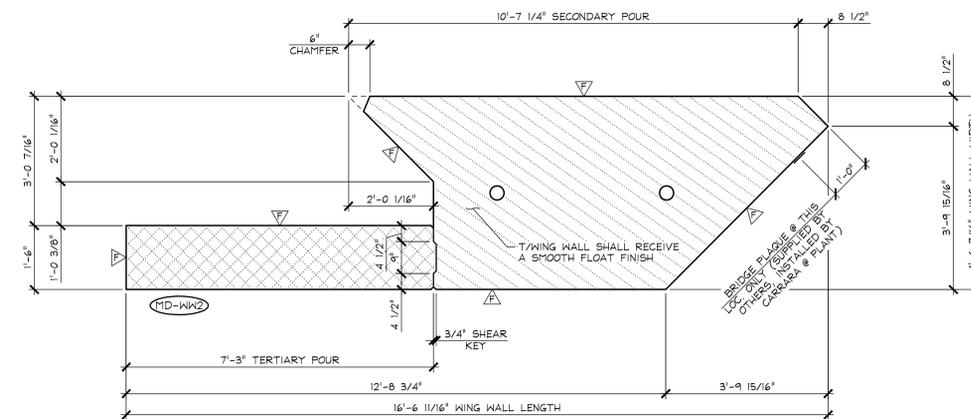
1 POUR SEQUENCE ELEVATION  
 WW2.2 MARK FACE 1/2" = 1'-0"



2 POUR SEQUENCE ELEVATION  
 WW2.2 NON-MARK FACE 1/2" = 1'-0"



3 FIRST POUR PLAN VIEW IN FORM  
 WW2.2 1/2" = 1'-0"



4 SECONDARY & TERTIARY POUR PLAN VIEW IN FORM  
 WW2.2 1/2" = 1'-0"

△ DENOTES FORM FINISH  
 ▨ DENOTES SMOOTH FLOAT FINISH

△ 6-9-16 ADD TERTIARY POUR

APPROVAL STAMP:	<b>J.P. CARRARA &amp; SONS INC.</b> Precast & Prestress Manufacturer 2464 CASE STR., MIDDLEBURY, VERMONT 05753 Phone: (802)388-6361 Fax: (802)388-9010		A.L. ST. ONGE CONTRACTOR, INC. CONTRACTOR MONTGOMERY, VERMONT	
	STATE OF VERMONT AGENCY OF TRANSPORTATION COUNTY OF WINDSOR		DATE: MAY 24, 2016 SCALE: NOTED	
	TOWN OF WAITSFIELD VT ROUTE 100 (MINOR ARTERIAL) BRIDGE NO.: 177 PROJECT NO.: BRP 013-4(39)		CHKD: - DFTM: B.L. JOB NO: 23480-016	
	PRECAST WING WALL POUR SEQUENCE DETAILS		DWG. NO: WW2.2	