

Project Name/Location:	UCU / Brighton Ave./Po	ortland		F	Project No:	07-0559
Client/Client's Rep.:	UCU/Joseph Gervais		C	Date:	7-24-07	
Placement Location:	Entire Building			S	SWCE Rep.:	JLD
Placement Type:	Footing 🛛 Wall 🗌 Co	olumn 🗌 S	Slab 🗌 Otł	ner 🗌 🖌	Arrived at Sit	te: 2:45 pm
			L	eft Site:	4:30 pm	
	ENT OBSERVATIONS			pliance	<u>N/O</u>	Comments
Bar Size (diameter, length, be			Yes 🖂	No 🗌		#7 instead of #5
Location (# of bars, spacing, a			Yes 🖂	No 🗌		
Splicing (weld joint, overlap)			Yes 🖂	No 🗌		
Stability (wiring, chairs, and sp	pacers)		Yes 🗌	No 🖂		
Reinforcement free from mud,	oil, rust, or other nonmetall	ic coatings	Yes 🖂	No 🗌		
Reinforcement appears in con	formance to specifications		Yes 🖂	No 🗌		
Soil subgrade prepared in acc	ordance with project specifi	cations	Yes 🗌	No 🗌	\boxtimes	By Sebago Tech
Referenced Drawings		Date	Page	Rev.	ASTM	GRADE
Foundation Drawing		4/30/07	S 1.1		A 615 🖂	40 🗌 50 🗌 60 🖂
					A 616	75 🗌
					A 617 □ A 706 □	А 775 Ероху 🗌
			•			
CONCRETE PLAC	EMENT OBSERVATION	VS	-	pliance	<u>N/O</u>	<u>Comments</u>
CONCRETE PLAC Required mix used	EMENT OBSERVATION	<u>VS</u>	Yes 🛛		<u>N/O</u>	Comments 3000, ¾", w/mid-range
Required mix used Placement and consolidation of	of concrete observed	<u>vs</u>	Yes ⊠ Yes ⊠			3000, ¾", w/mid-range
Required mix used Placement and consolidation of Concrete properly conveyed to	of concrete observed all areas of placement	<u>vs</u>	Yes ⊠ Yes ⊠ Yes ⊠			3000, ¾", w/mid-range Pump truck
Required mix used Placement and consolidation of Concrete properly conveyed to Depth of layer maximum limits	of concrete observed o all areas of placement s not exceeded		Yes ⊠ Yes ⊠			3000, ¾", w/mid-range
Required mix used Placement and consolidation of Concrete properly conveyed to	of concrete observed o all areas of placement a not exceeded ertion, spacing, time, vertica		Yes ⊠ Yes ⊠ Yes ⊠			3000, ¾", w/mid-range Pump truck
Required mix used Placement and consolidation of Concrete properly conveyed to Depth of layer maximum limits Internal vibration (depth of inse	of concrete observed o all areas of placement o not exceeded ertion, spacing, time, vertica vibration)		Yes ⊠ Yes ⊠ Yes ⊠ Yes ⊠			3000, ¾", w/mid-range Pump truck
Required mix used Placement and consolidation of Concrete properly conveyed to Depth of layer maximum limits Internal vibration (depth of inso no conveyance of concrete by	of concrete observed o all areas of placement o not exceeded ertion, spacing, time, vertica vibration) s and embedments		Yes ⊠ Yes ⊠ Yes ⊠ Yes ⊠ Yes ⊠			3000, ¾", w/mid-range Pump truck Single layer
Required mix used Placement and consolidation of Concrete properly conveyed to Depth of layer maximum limits Internal vibration (depth of inso no conveyance of concrete by Even layering around opening Removal of temporary ties and	of concrete observed o all areas of placement o not exceeded ertion, spacing, time, vertica vibration) s and embedments	al insertion,	Yes ⊠ Yes ⊠ Yes ⊠ Yes ⊠ Yes □			3000, ¾", w/mid-range Pump truck Single layer N/A
Required mix used Placement and consolidation of Concrete properly conveyed to Depth of layer maximum limits Internal vibration (depth of inso no conveyance of concrete by Even layering around opening Removal of temporary ties and	of concrete observed o all areas of placement a not exceeded ertion, spacing, time, vertica vibration) s and embedments d spacers	al insertion,	Yes ⊠ Yes ⊠ Yes ⊠ Yes ⊠ Yes □ Yes □ Yes ⊠			3000, ¾", w/mid-range Pump truck Single layer N/A N/A
Required mix used Placement and consolidation of Concrete properly conveyed to Depth of layer maximum limits Internal vibration (depth of inse no conveyance of concrete by Even layering around opening Removal of temporary ties and <u>FIELD TESTING OF</u> *CYLINDER SET NO:	of concrete observed o all areas of placement o not exceeded ertion, spacing, time, vertica vibration) s and embedments d spacers	al insertion,	Yes ⊠ Yes ⊠ Yes ⊠ Yes ⊠ Yes □ Yes □ Yes ⊠ ←*refer to In Com			3000, ¾", w/mid-range Pump truck Single layer N/A N/A
Required mix used Placement and consolidation of Concrete properly conveyed to Depth of layer maximum limits Internal vibration (depth of inse no conveyance of concrete by Even layering around opening Removal of temporary ties and <u>FIELD TESTING OF</u> *CYLINDER SET NO: <u>POST PLACEM</u> Specified finish	of concrete observed o all areas of placement o not exceeded ertion, spacing, time, vertica vibration) s and embedments d spacers <u>CONCRETE PERFORM</u> 778-1 <u>IENT OBSERVATIONS</u>	al insertion,	Yes ⊠ Yes ⊠ Yes ⊠ Yes ⊠ Yes □ Yes □ Yes ⊠ ←*refer t	No D	ated concrete	3000, ¾", w/mid-range Pump truck Single layer N/A N/A test report
Required mix used Placement and consolidation of Concrete properly conveyed to Depth of layer maximum limits Internal vibration (depth of inse no conveyance of concrete by Even layering around opening Removal of temporary ties and <u>FIELD TESTING OF</u> *CYLINDER SET NO: <u>POST PLACEM</u> Specified finish Protection of surfaces from creating	of concrete observed o all areas of placement o not exceeded ertion, spacing, time, vertica vibration) s and embedments d spacers CONCRETE PERFORM 778-1 TENT OBSERVATIONS acking due to rapid drying	al insertion,	Yes ⊠ Yes ⊠ Yes ⊠ Yes ⊠ Yes □ Yes □ Yes ⊠ ←*refer t Yes ⊠ Yes □ Yes □	No	□ □ □ □ □ ated concrete ■ ■ ■	3000, ¾", w/mid-range Pump truck Single layer N/A N/A test report Comments
Required mix used Placement and consolidation of Concrete properly conveyed to Depth of layer maximum limits Internal vibration (depth of inse no conveyance of concrete by Even layering around opening Removal of temporary ties and <u>FIELD TESTING OF</u> *CYLINDER SET NO: <u>POST PLACEM</u> Specified finish Protection of surfaces from creations Proper curing procedures implied	of concrete observed o all areas of placement o not exceeded ertion, spacing, time, vertica vibration) s and embedments d spacers <u>CONCRETE PERFORM</u> 778-1 <u>TENT OBSERVATIONS</u> acking due to rapid drying lemented	al insertion, <u>MED</u>	Yes ⊠ Yes ⊠ Yes ⊠ Yes ⊠ Yes □ Yes □ Yes ⊠ ←*refer t Yes ⊠ Yes □ Yes □ Yes □	No D	ated concrete	3000, ¾", w/mid-range Pump truck Single layer N/A N/A test report Comments
Required mix used Placement and consolidation of Concrete properly conveyed to Depth of layer maximum limits Internal vibration (depth of inse no conveyance of concrete by Even layering around opening Removal of temporary ties and <u>FIELD TESTING OF</u> *CYLINDER SET NO: <u>POST PLACEM</u> Specified finish Protection of surfaces from crass Proper curing procedures imple	of concrete observed o all areas of placement in not exceeded ertion, spacing, time, vertica vibration) s and embedments d spacers CONCRETE PERFORM 778-1 TENT OBSERVATIONS acking due to rapid drying lemented	al insertion, <u>MED</u>	Yes ⊠ Yes ⊠ Yes ⊠ Yes ⊠ Yes □ Yes □ Yes ⊠ ←*refer t Yes ⊠ Yes □ Yes □	No D	□ □ □ □ □ ated concrete ■ ■ ■	3000, ¾", w/mid-range Pump truck Single layer N/A N/A test report Comments
Required mix used Placement and consolidation of Concrete properly conveyed to Depth of layer maximum limits Internal vibration (depth of inse no conveyance of concrete by Even layering around opening Removal of temporary ties and <u>FIELD TESTING OF</u> *CYLINDER SET NO: <u>POST PLACEM</u> Specified finish Protection of surfaces from crass Proper curing procedures imple <u>NON-CONFORMA</u>	of concrete observed o all areas of placement o not exceeded ertion, spacing, time, vertica vibration) s and embedments d spacers CONCRETE PERFORM 778-1 TENT OBSERVATIONS acking due to rapid drying lemented ANCE ITEMS OBSERVE iption: Rebar size noted	al insertion, <u>MED</u> <u>D</u> above.	Yes ⊠ Yes ⊠ Yes ⊠ Yes ⊠ Yes □ Yes □ Yes ⊠ ←*refer t Yes □ Yes □ Yes □ Yes □ Yes □ Yes □ Yes □	No D No	□ □ □ □ □ ated concrete ■ ■ ■	3000, ¾", w/mid-range Pump truck Single layer N/A N/A test report Comments
Required mix used Placement and consolidation of Concrete properly conveyed to Depth of layer maximum limits Internal vibration (depth of inse no conveyance of concrete by Even layering around opening Removal of temporary ties and <u>FIELD TESTING OF</u> *CYLINDER SET NO: <u>POST PLACEM</u> Specified finish Protection of surfaces from crass Proper curing procedures imple	of concrete observed o all areas of placement in not exceeded ertion, spacing, time, vertica vibration) s and embedments d spacers CONCRETE PERFORM 778-1 TENT OBSERVATIONS acking due to rapid drying lemented	al insertion, <u>MED</u> <u>D</u> above.	Yes ⊠ Yes ⊠ Yes ⊠ Yes ⊠ Yes □ Yes □ Yes ⊠ ←*refer t Yes □ Yes □ Yes □ Yes □ Yes □ Yes □ Yes □	No D No	□ □ □ □ □ ated concrete ■ ■ ■	3000, ¾", w/mid-range Pump truck Single layer N/A N/A test report Comments

N/O = Not Observed

Notes: Approved shop drawings not available. Structural drawings used as reference.

Attachments: None

Reviewed By: RED

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Project Name/Location:	UCU / Brighton Ave./Po	ortland		F	Project No:	07-0559
Client/Client's Rep.:	UCU/Joseph Gervais			Date:	7-30-07	
Placement Location:	Wall lines A-E & 1-5			5	WCE Rep.:	VLT
Placement Type:	Footing 🗌 Wall 🛛 Co	olumn 🗌 S	Slab 🗌 Otl	ner 🗌 🖌	Arrived at Sit	te: 2:45 pm
			L	.eft Site:	4:45 pm	
PRE PLACEM	pliance	N/O	Comments			
Bar Size (diameter, length, be	nd and anchorage)		Yes 🖂	No 🗌		
Location (# of bars, spacing, a	nd cover)		Yes 🖂	No 🗌		
Splicing (weld joint, overlap)			Yes 🖂	No 🗌		
Stability (wiring, chairs, and sp	acers)		Yes 🖂	No 🗌		
Reinforcement free from mud,	oil, rust, or other nonmetall	ic coatings	Yes 🖂	No 🗌		
Reinforcement appears in con	formance to specifications		Yes 🖂	No 🗌		
Soil subgrade prepared in acc	ordance with project specified	cations	Yes 🗌	No 🗌	\boxtimes	N/A
Referenced Drawings		Date	Page	Rev.	ASTM	GRADE
Foundation Drawing		4/30/07	S 1.1		A 615 🖂	40 🗌 50 🗌 60 🖂
Foundation Drawing		4/30/07	S 2.1		A 616 🗌 A 617 🗍	75 🗌
					A 706 🗌	А 775 Ероху 🗌
CONCRETE PLAC	EMENT OBSERVATION	VS	In Com	pliance	<u>N/O</u>	Comments
CONCRETE PLAC Required mix used	EMENT OBSERVATION	<u>VS</u>	In Com Yes ⊠	pliance		Comments 3000, ¾", w/mid-range
		<u>vs</u>	Yes ⊠ Yes ⊠	pliance	<u>N/O</u> □ □	3000, ¾", w/mid-range
Required mix used	of concrete observed	<u>vs</u>	Yes ⊠ Yes ⊠ Yes ⊠			
Required mix used Placement and consolidation of Concrete properly conveyed to Depth of layer maximum limits	of concrete observed o all areas of placement not exceeded		Yes ⊠ Yes ⊠			3000, ¾", w/mid-range
Required mix used Placement and consolidation of Concrete properly conveyed to	of concrete observed o all areas of placement not exceeded ertion, spacing, time, vertica		Yes ⊠ Yes ⊠ Yes ⊠			3000, ¾", w/mid-range Pump truck
Required mix used Placement and consolidation of Concrete properly conveyed to Depth of layer maximum limits Internal vibration (depth of inse	of concrete observed o all areas of placement not exceeded ertion, spacing, time, vertica vibration)		Yes ⊠ Yes ⊠ Yes ⊠ Yes ⊠			3000, ¾", w/mid-range Pump truck
Required mix used Placement and consolidation of Concrete properly conveyed to Depth of layer maximum limits Internal vibration (depth of inse no conveyance of concrete by Even layering around opening Removal of temporary ties and	of concrete observed o all areas of placement not exceeded ertion, spacing, time, vertica vibration) s and embedments d spacers	I insertion,	Yes ⊠ Yes ⊠ Yes ⊠ Yes ⊠ Yes ⊠			3000, ¾", w/mid-range Pump truck 2 layers
Required mix used Placement and consolidation of Concrete properly conveyed to Depth of layer maximum limits Internal vibration (depth of inso no conveyance of concrete by Even layering around opening Removal of temporary ties and FIELD TESTING OF	of concrete observed o all areas of placement not exceeded ertion, spacing, time, vertica vibration) s and embedments d spacers	I insertion,	Yes ⊠ Yes ⊠ Yes ⊠ Yes ⊠ Yes □ Yes □ Yes ⊠			3000, ¾", w/mid-range Pump truck 2 layers N/A N/A
Required mix used Placement and consolidation of Concrete properly conveyed to Depth of layer maximum limits Internal vibration (depth of inse no conveyance of concrete by Even layering around opening Removal of temporary ties and <u>FIELD TESTING OF</u> *CYLINDER SET NO:	of concrete observed o all areas of placement not exceeded ertion, spacing, time, vertica vibration) s and embedments d spacers CONCRETE PERFORM 778-2	I insertion,	Yes ⊠ Yes ⊠ Yes ⊠ Yes ⊠ Yes □ Yes □ Yes ⊠ ←*refer		ated concrete	3000, ¾", w/mid-range Pump truck 2 layers N/A N/A test report
Required mix used Placement and consolidation of Concrete properly conveyed to Depth of layer maximum limits Internal vibration (depth of inse no conveyance of concrete by Even layering around opening Removal of temporary ties and <u>FIELD TESTING OF</u> *CYLINDER SET NO: <u>POST PLACEM</u>	of concrete observed o all areas of placement not exceeded ertion, spacing, time, vertica vibration) s and embedments d spacers	I insertion,	Yes ⊠ Yes ⊠ Yes ⊠ Yes ⊠ Yes □ Yes □ Yes ⊠ ←*refer			3000, ¾", w/mid-range Pump truck 2 layers N/A N/A N/A e test report Comments
Required mix used Placement and consolidation of Concrete properly conveyed to Depth of layer maximum limits Internal vibration (depth of inse no conveyance of concrete by Even layering around opening Removal of temporary ties and <u>FIELD TESTING OF</u> *CYLINDER SET NO: <u>POST PLACEM</u> Specified finish	of concrete observed o all areas of placement not exceeded ertion, spacing, time, vertica vibration) s and embedments d spacers <u>CONCRETE PERFORM</u> 778-2 <u>IENT OBSERVATIONS</u>	I insertion,	YesYesYesYesYesYesYesYesYesYesYes	No D	ated concrete	3000, ¾", w/mid-range Pump truck 2 layers N/A N/A test report
Required mix used Placement and consolidation of Concrete properly conveyed to Depth of layer maximum limits Internal vibration (depth of inse no conveyance of concrete by Even layering around opening Removal of temporary ties and <u>FIELD TESTING OF</u> *CYLINDER SET NO: <u>POST PLACEM</u> Specified finish Protection of surfaces from creating	of concrete observed o all areas of placement not exceeded ertion, spacing, time, vertica vibration) s and embedments d spacers CONCRETE PERFORM 778-2 IENT OBSERVATIONS acking due to rapid drying	I insertion,	Yes ⊠ Yes ⊠ Yes ⊠ Yes ⊠ Yes □ Yes □ Yes ⊠ ←*refer Yes ⊠ Yes □ Yes □	No D	□ □ □ □ □ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■	3000, ¾", w/mid-range Pump truck 2 layers N/A N/A N/A e test report Comments
Required mix used Placement and consolidation of Concrete properly conveyed to Depth of layer maximum limits Internal vibration (depth of inse no conveyance of concrete by Even layering around opening Removal of temporary ties and <u>FIELD TESTING OF</u> *CYLINDER SET NO: <u>POST PLACEM</u> Specified finish Protection of surfaces from creater Proper curing procedures implication	of concrete observed o all areas of placement not exceeded ertion, spacing, time, vertica vibration) s and embedments d spacers <u>CONCRETE PERFORM</u> 778-2 <u>TENT OBSERVATIONS</u> acking due to rapid drying emented	al insertion,	Yes ⊠ Yes ⊠ Yes ⊠ Yes ⊠ Yes □ Yes □ Yes ⊠ €-*refer Yes ⊠ Yes □ Yes □ Yes □	No D	ated concrete	3000, ¾", w/mid-range Pump truck 2 layers N/A N/A N/A e test report Comments
Required mix used Placement and consolidation of Concrete properly conveyed to Depth of layer maximum limits Internal vibration (depth of inse no conveyance of concrete by Even layering around opening Removal of temporary ties and <u>FIELD TESTING OF</u> *CYLINDER SET NO: <u>POST PLACEM</u> Specified finish Protection of surfaces from creation Proper curing procedures imple	of concrete observed o all areas of placement not exceeded ertion, spacing, time, vertica vibration) s and embedments d spacers CONCRETE PERFORM 778-2 IENT OBSERVATIONS acking due to rapid drying emented	al insertion,	Yes ⊠ Yes ⊠ Yes ⊠ Yes ⊠ Yes □ Yes □ Yes ⊠ ←*refer Yes ⊠ Yes □ Yes □	No D	□ □ □ □ □ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■	3000, ¾", w/mid-range Pump truck 2 layers N/A N/A N/A e test report Comments
Required mix used Placement and consolidation of Concrete properly conveyed to Depth of layer maximum limits Internal vibration (depth of inse no conveyance of concrete by Even layering around opening Removal of temporary ties and <u>FIELD TESTING OF</u> *CYLINDER SET NO: <u>POST PLACEM</u> Specified finish Protection of surfaces from crass Proper curing procedures imple <u>NON-CONFORMA</u>	of concrete observed o all areas of placement not exceeded ertion, spacing, time, vertica vibration) s and embedments d spacers CONCRETE PERFORM 778-2 IENT OBSERVATIONS acking due to rapid drying emented	al insertion,	Yes ⊠ Yes ⊠ Yes ⊠ Yes ⊠ Yes □ Yes □ Yes ⊠ €-*refer Yes ⊠ Yes □ Yes □ Yes □	No D	□ □ □ □ □ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■	3000, ¾", w/mid-range Pump truck 2 layers N/A N/A N/A e test report Comments
Required mix used Placement and consolidation of Concrete properly conveyed to Depth of layer maximum limits Internal vibration (depth of inse no conveyance of concrete by Even layering around opening Removal of temporary ties and <u>FIELD TESTING OF</u> *CYLINDER SET NO: <u>POST PLACEM</u> Specified finish Protection of surfaces from creation Proper curing procedures imple	of concrete observed o all areas of placement not exceeded ertion, spacing, time, vertica vibration) s and embedments d spacers CONCRETE PERFORM 778-2 IENT OBSERVATIONS acking due to rapid drying emented	al insertion,	Yes ⊠ Yes ⊠ Yes ⊠ Yes ⊠ Yes □ Yes □ Yes ⊠ €-*refer Yes ⊠ Yes □ Yes □ Yes □	No D	□ □ □ □ □ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■	3000, ¾", w/mid-range Pump truck 2 layers N/A N/A N/A e test report Comments

N/O = Not Observed

Notes: Approved shop drawings not available. Structural drawings used as reference.

Attachments: None

Reviewed By: RED

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Project Name/Location:	UCU / Brighton Ave./Portland		F	Project No:	07-0559
Client/Client's Rep.:	UCU/Joseph Gervais		Date:	8-3-07	
Placement Location:	Entire Floor Slab		5	SWCE Rep.:	JLD
Placement Type:	Footing 🗌 Wall 🗌 Column 🗌	Slab 🗌 Ot	her 🗌 🖌	Arrived at Si	te: 7:00 am
		l	_eft Site:	9:30 am	
PRE PLACEM	ENT OBSERVATIONS	pliance	<u>N/O</u>	Comments	
Bar Size (diameter, length, be		Yes 🖂	No 🗌		6" x 6" rebar mat
Location (# of bars, spacing, a	nd cover)	Yes 🛛	No 🗌		
Splicing (weld joint, overlap)		Yes 🖂	No 🗌		
Stability (wiring, chairs, and sp	acers)	Yes 🖂	No 🗌		
Reinforcement free from mud,	oil, rust, or other nonmetallic coatings	Yes 🛛	No 🗌		
Reinforcement appears in con	formance to specifications	Yes 🖂	No 🗌		
Soil subgrade prepared in acc	ordance with project specifications	Yes 🗌	No 🗌	\boxtimes	N/A
Referenced Drawings	Date	Page	Rev.	ASTM	GRADE
				A 615 🖂	40 🗌 50 🗌 60 🖂
				A 616 🗌	75 🗌
				A 617	_
				A 706 🗌	А 775 Ероху 🗌
CONCRETE PLAC	EMENT OBSERVATIONS	In Com	pliance	<u>N/O</u>	Comments
CONCRETE PLAC Required mix used	EMENT OBSERVATIONS	In Com Yes ⊠	pliance		Comments 4000, ¾", w/mid-range
		Yes ⊠ Yes ⊠	npliance		4000, ¾", w/mid-range
Required mix used	of concrete observed	Yes ⊠ Yes ⊠ Yes ⊠			4000, ¾", w/mid-range Bucket & crane
Required mix used Placement and consolidation of Concrete properly conveyed to Depth of layer maximum limits	of concrete observed all areas of placement not exceeded	Yes ⊠ Yes ⊠			4000, ¾", w/mid-range
Required mix used Placement and consolidation of Concrete properly conveyed to Depth of layer maximum limits Internal vibration (depth of inse	of concrete observed o all areas of placement not exceeded ertion, spacing, time, vertical insertion,	Yes ⊠ Yes ⊠ Yes ⊠			4000, ¾", w/mid-range Bucket & crane
Required mix used Placement and consolidation of Concrete properly conveyed to Depth of layer maximum limits	of concrete observed all areas of placement not exceeded ertion, spacing, time, vertical insertion, vibration)	Yes ⊠ Yes ⊠ Yes ⊠ Yes □			4000, ¾", w/mid-range Bucket & crane N/A N/A N/A
Required mix used Placement and consolidation of Concrete properly conveyed to Depth of layer maximum limits Internal vibration (depth of inso no conveyance of concrete by	of concrete observed o all areas of placement not exceeded ertion, spacing, time, vertical insertion, vibration) s and embedments	Yes ⊠ Yes ⊠ Yes □ Yes □ Yes □			4000, ¾", w/mid-range Bucket & crane N/A N/A
Required mix used Placement and consolidation of Concrete properly conveyed to Depth of layer maximum limits Internal vibration (depth of inst no conveyance of concrete by Even layering around opening Removal of temporary ties and FIELD TESTING OF	of concrete observed o all areas of placement not exceeded ertion, spacing, time, vertical insertion, vibration) s and embedments d spacers	Yes ⊠ Yes ⊠ Yes □ Yes □ Yes □ Yes □ Yes □			4000, ¾", w/mid-range Bucket & crane N/A N/A N/A N/A
Required mix used Placement and consolidation of Concrete properly conveyed to Depth of layer maximum limits Internal vibration (depth of insu- no conveyance of concrete by Even layering around opening Removal of temporary ties and <u>FIELD TESTING OF</u> *CYLINDER SET NO:	of concrete observed o all areas of placement not exceeded ertion, spacing, time, vertical insertion, vibration) s and embedments d spacers <u>CONCRETE PERFORMED</u> 778-3	Yes ⊠ Yes ⊠ Yes ⊡ Yes □ Yes □ Yes □ Yes ⊠ ←*refer	No D	ated concrete	4000, ¾", w/mid-range Bucket & crane N/A N/A N/A N/A
Required mix used Placement and consolidation of Concrete properly conveyed to Depth of layer maximum limits Internal vibration (depth of ins- no conveyance of concrete by Even layering around opening Removal of temporary ties and <u>FIELD TESTING OF</u> *CYLINDER SET NO: <u>POST PLACEM</u>	of concrete observed o all areas of placement not exceeded ertion, spacing, time, vertical insertion, vibration) s and embedments d spacers	Yes ⊠ Yes ⊠ Yes □ Yes □ Yes □ Yes □ Yes ⊠ ←*refer In Corr	No Difference	ated concrete	4000, ¾", w/mid-range Bucket & crane N/A N/A N/A N/A e test report <u>Comments</u>
Required mix used Placement and consolidation of Concrete properly conveyed to Depth of layer maximum limits Internal vibration (depth of insu- no conveyance of concrete by Even layering around opening Removal of temporary ties and <u>FIELD TESTING OF</u> *CYLINDER SET NO: <u>POST PLACEM</u> Specified finish	of concrete observed o all areas of placement not exceeded ertion, spacing, time, vertical insertion, vibration) s and embedments d spacers <u>CONCRETE PERFORMED</u> 778-3 <u>ENT OBSERVATIONS</u>	Yes ⊠ Yes ⊠ Yes ⊡ Yes □ Yes □ Yes □ Yes ⊠ ←*refer Yes ⊠ Yes ⊠	No Displiance	ated concrete	4000, ¾", w/mid-range Bucket & crane N/A N/A N/A N/A e test report
Required mix used Placement and consolidation of Concrete properly conveyed to Depth of layer maximum limits Internal vibration (depth of insu- no conveyance of concrete by Even layering around opening Removal of temporary ties and <u>FIELD TESTING OF</u> *CYLINDER SET NO: <u>POST PLACEM</u> Specified finish Protection of surfaces from creating	of concrete observed o all areas of placement not exceeded ertion, spacing, time, vertical insertion, vibration) s and embedments d spacers <u>CONCRETE PERFORMED</u> 778-3 <u>TENT OBSERVATIONS</u> acking due to rapid drying	Yes ⊠ Yes ⊠ Yes ⊡ Yes □ Yes □ Yes □ Yes ⊠ ←*refer Yes ⊠ Yes □ Yes □	No Difference	ated concrete	4000, ¾", w/mid-range Bucket & crane N/A N/A N/A N/A e test report <u>Comments</u>
Required mix used Placement and consolidation of Concrete properly conveyed to Depth of layer maximum limits Internal vibration (depth of inse no conveyance of concrete by Even layering around opening Removal of temporary ties and <u>FIELD TESTING OF</u> *CYLINDER SET NO: <u>POST PLACEM</u> Specified finish Protection of surfaces from crace Proper curing procedures impliced	of concrete observed o all areas of placement not exceeded ertion, spacing, time, vertical insertion, vibration) s and embedments d spacers <u>CONCRETE PERFORMED</u> 778-3 <u>TENT OBSERVATIONS</u> acking due to rapid drying emented	Yes ⊠ Yes ⊠ Yes ⊠ Yes □ Yes □ Yes □ Yes ⊠ ←*refer Yes ⊠ Yes □ Yes □ Yes □	No Difference	ated concrete	4000, ¾", w/mid-range Bucket & crane N/A N/A N/A N/A e test report <u>Comments</u>
Required mix used Placement and consolidation of Concrete properly conveyed to Depth of layer maximum limits Internal vibration (depth of insu- no conveyance of concrete by Even layering around opening Removal of temporary ties and <u>FIELD TESTING OF</u> *CYLINDER SET NO: <u>POST PLACEM</u> Specified finish Protection of surfaces from crass Proper curing procedures impleted <u>NON-CONFORMA</u>	of concrete observed of all areas of placement not exceeded ertion, spacing, time, vertical insertion, vibration) s and embedments d spacers CONCRETE PERFORMED 778-3 IENT OBSERVATIONS acking due to rapid drying emented INCE ITEMS OBSERVED	Yes ⊠ Yes ⊠ Yes ⊡ Yes □ Yes □ Yes □ Yes ⊠ ←*refer Yes ⊠ Yes □ Yes □	No Displiance	ated concrete	4000, ¾", w/mid-range Bucket & crane N/A N/A N/A N/A e test report <u>Comments</u>
Required mix used Placement and consolidation of Concrete properly conveyed to Depth of layer maximum limits Internal vibration (depth of insu- no conveyance of concrete by Even layering around opening Removal of temporary ties and <u>FIELD TESTING OF</u> *CYLINDER SET NO: <u>POST PLACEM</u> Specified finish Protection of surfaces from crass Proper curing procedures impleted <u>NON-CONFORMA</u>	of concrete observed of all areas of placement not exceeded ertion, spacing, time, vertical insertion, vibration) s and embedments d spacers CONCRETE PERFORMED 778-3 IENT OBSERVATIONS acking due to rapid drying emented INCE ITEMS OBSERVED	Yes ⊠ Yes ⊠ Yes ⊠ Yes □ Yes □ Yes □ Yes ⊠ ←*refer Yes ⊠ Yes □ Yes □ Yes □	No Difference	ated concrete	4000, ¾", w/mid-range Bucket & crane N/A N/A N/A N/A e test report <u>Comments</u>
Required mix used Placement and consolidation of Concrete properly conveyed to Depth of layer maximum limits Internal vibration (depth of insu- no conveyance of concrete by Even layering around opening Removal of temporary ties and <u>FIELD TESTING OF</u> *CYLINDER SET NO: <u>POST PLACEM</u> Specified finish Protection of surfaces from crass Proper curing procedures impleted <u>NON-CONFORMA</u>	of concrete observed of all areas of placement not exceeded ertion, spacing, time, vertical insertion, vibration) s and embedments d spacers CONCRETE PERFORMED 778-3 IENT OBSERVATIONS acking due to rapid drying emented INCE ITEMS OBSERVED	Yes ⊠ Yes ⊠ Yes ⊠ Yes □ Yes □ Yes □ Yes ⊠ ←*refer Yes ⊠ Yes □ Yes □ Yes □	No Difference	ated concrete	4000, ¾", w/mid-range Bucket & crane N/A N/A N/A N/A e test report <u>Comments</u>

N/O = Not Observed

Notes: Approved shop drawings not available. Structural drawings used as reference. Vapor barrier installed beneath slab.

Attachments: None

Reviewed By: RED

P:2007/07-0559 M - University Credit Union - Portland, ME - University Credit Union Brighton Ave - RED/DFR's/Concrete Obs. 8-3-07.doc



Project Name/Location:	UCU / Brighton Ave./Po	ortland			Project No:	07-0559
Client/Client's Rep.:	UCU/Joseph Gervais			Date:	8-6-07	
Placement Location:	F/6, F/7, F/8, G/6, G/7	& G/8 (exte	rior piers)		SWCE Rep.:	CKT
Placement Type:	Footing 🛛 Wall 🗌 Co	olumn 🗌 S	Slab 🗌 Otl	her 🗌	Arrived at Sit	te: 9:30 am
				Left Site:	10:45 am	
PRE PLACEM	ENT OBSERVATIONS		In Com	pliance	<u>N/O</u>	Comments
Bar Size (diameter, length, be			Yes 🖂	No 🗌		#7's, #3's
Location (# of bars, spacing, a	nd cover)		Yes 🖂	No 🗌		<1" (see notes)
Splicing (weld joint, overlap)			Yes 🖂	No 🗌		
Stability (wiring, chairs, and sp	pacers)		Yes 🖂	No 🗌		brick
Reinforcement free from mud,	oil, rust, or other nonmetall	ic coatings	Yes 🛛	No 🗌		
Reinforcement appears in con	formance to specifications		Yes 🖂	No 🗌		
Soil subgrade prepared in acc	ordance with project specifi	cations	Yes 🗌	No 🗌	\bowtie	
Referenced Drawings		Date	Page	Rev.	ASTM	GRADE
Foundation Drawings		4/30/07	S 1.1		A 615 🖂	40 🗌 50 🗌 60 🖂
_						75 🗌
					A 617	А 775 Ероху 🗌
CONCRETE PLAC	EMENT OBSERVATION	<u>VS</u>	-	pliance	<u>N/O</u>	<u>Comments</u>
Required mix used		<u>VS</u>	Yes 🖂			Comments 3000, ¾", w/mid-range
Required mix used Placement and consolidation of	of concrete observed	<u>vs</u>	Yes ⊠ Yes ⊠			3000, ¾", w/mid-range
Required mix used Placement and consolidation of Concrete properly conveyed to	of concrete observed all areas of placement	<u>vs</u>	Yes ⊠ Yes ⊠ Yes ⊠			3000, ¾", w/mid-range Tailgate
Required mix used Placement and consolidation of Concrete properly conveyed to Depth of layer maximum limits	of concrete observed o all areas of placement not exceeded		Yes ⊠ Yes ⊠ Yes ⊠ Yes ⊠			3000, ¾", w/mid-range
Required mix used Placement and consolidation of Concrete properly conveyed to	of concrete observed o all areas of placement not exceeded ertion, spacing, time, vertica		Yes ⊠ Yes ⊠ Yes ⊠			3000, ¾", w/mid-range Tailgate Single
Required mix used Placement and consolidation of Concrete properly conveyed to Depth of layer maximum limits Internal vibration (depth of inse	of concrete observed o all areas of placement not exceeded ertion, spacing, time, vertica vibration)		Yes ⊠ Yes ⊠ Yes ⊠ Yes ⊠			3000, ¾", w/mid-range Tailgate Single N/A
Required mix used Placement and consolidation of Concrete properly conveyed to Depth of layer maximum limits Internal vibration (depth of inso no conveyance of concrete by	of concrete observed o all areas of placement not exceeded ertion, spacing, time, vertica vibration) s and embedments		Yes ⊠ Yes ⊠ Yes ⊠ Yes ⊠ Yes ⊠			3000, ¾", w/mid-range Tailgate Single
Required mix used Placement and consolidation of Concrete properly conveyed to Depth of layer maximum limits Internal vibration (depth of inst no conveyance of concrete by Even layering around opening Removal of temporary ties and <u>FIELD TESTING OF</u>	of concrete observed o all areas of placement not exceeded ertion, spacing, time, vertica vibration) s and embedments d spacers	I insertion,	Yes ⊠ Yes ⊠ Yes ⊠ Yes ⊠ Yes □ Yes □ Yes ⊠			3000, ¾", w/mid-range Tailgate Single N/A N/A
Required mix used Placement and consolidation of Concrete properly conveyed to Depth of layer maximum limits Internal vibration (depth of inso no conveyance of concrete by Even layering around opening Removal of temporary ties and	of concrete observed o all areas of placement not exceeded ertion, spacing, time, vertica vibration) s and embedments d spacers	I insertion,	Yes ⊠ Yes ⊠ Yes ⊠ Yes ⊠ Yes □ Yes □ Yes ⊠			3000, ¾", w/mid-range Tailgate Single N/A N/A
Required mix used Placement and consolidation of Concrete properly conveyed to Depth of layer maximum limits Internal vibration (depth of inse no conveyance of concrete by Even layering around opening Removal of temporary ties and <u>FIELD TESTING OF</u> *CYLINDER SET NO:	of concrete observed o all areas of placement not exceeded ertion, spacing, time, vertica vibration) s and embedments d spacers	I insertion,	Yes Yes	No D		3000, ¾", w/mid-range Tailgate Single N/A N/A
Required mix used Placement and consolidation of Concrete properly conveyed to Depth of layer maximum limits Internal vibration (depth of inse no conveyance of concrete by Even layering around opening Removal of temporary ties and <u>FIELD TESTING OF</u> *CYLINDER SET NO: <u>POST PLACEM</u> Specified finish	of concrete observed o all areas of placement not exceeded ertion, spacing, time, vertica vibration) s and embedments d spacers <u>CONCRETE PERFORM</u> 778-4 <u>IENT OBSERVATIONS</u>	I insertion,	Yes	No D	Image: constraint of the second se	3000, ¾", w/mid-range Tailgate Single N/A N/A e test report
Required mix used Placement and consolidation of Concrete properly conveyed to Depth of layer maximum limits Internal vibration (depth of inse no conveyance of concrete by Even layering around opening Removal of temporary ties and <u>FIELD TESTING OF</u> *CYLINDER SET NO: <u>POST PLACEM</u> Specified finish Protection of surfaces from creating	of concrete observed o all areas of placement not exceeded ertion, spacing, time, vertica vibration) s and embedments d spacers CONCRETE PERFORM 778-4 TENT OBSERVATIONS acking due to rapid drying	I insertion,	Yes ⊠ Yes ⊠ Yes ⊠ Yes ⊠ Yes □ Yes □ Yes ⊠ ←*refer Yes ⊠ Yes □ Yes □		ated concrete	3000, ¾", w/mid-range Tailgate Single N/A N/A test report Comments
Required mix used Placement and consolidation of Concrete properly conveyed to Depth of layer maximum limits Internal vibration (depth of inse no conveyance of concrete by Even layering around opening Removal of temporary ties and <u>FIELD TESTING OF</u> *CYLINDER SET NO: <u>POST PLACEM</u> Specified finish Protection of surfaces from cra Proper curing procedures imple	of concrete observed o all areas of placement not exceeded ertion, spacing, time, vertica vibration) s and embedments d spacers <u>CONCRETE PERFORM</u> 778-4 <u>TENT OBSERVATIONS</u> acking due to rapid drying emented	al insertion,	Yes ⊠ Yes ⊠ Yes ⊠ Yes ⊠ Yes □ Yes ⊠ ←*refer Yes ⊠ Yes □ Yes □ Yes □	Image: Constraint of the second se	Image: constraint of the second se	3000, ¾", w/mid-range Tailgate Single N/A N/A test report Comments
Required mix used Placement and consolidation of Concrete properly conveyed to Depth of layer maximum limits Internal vibration (depth of inse no conveyance of concrete by Even layering around opening Removal of temporary ties and <u>FIELD TESTING OF</u> *CYLINDER SET NO: <u>POST PLACEM</u> Specified finish Protection of surfaces from creation Proper curing procedures impleted <u>NON-CONFORMA</u>	of concrete observed o all areas of placement not exceeded ertion, spacing, time, vertica vibration) s and embedments d spacers CONCRETE PERFORM 778-4 IENT OBSERVATIONS acking due to rapid drying emented	I insertion, <u>IED</u>	Yes ⊠ Yes ⊠ Yes ⊠ Yes ⊠ Yes □ Yes □ Yes ⊠ ←*refer Yes ⊠ Yes □ Yes □		ated concrete	3000, ¾", w/mid-range Tailgate Single N/A N/A test report Comments
Required mix used Placement and consolidation of Concrete properly conveyed to Depth of layer maximum limits Internal vibration (depth of inse no conveyance of concrete by Even layering around opening Removal of temporary ties and <u>FIELD TESTING OF</u> *CYLINDER SET NO: <u>POST PLACEM</u> Specified finish Protection of surfaces from crass Proper curing procedures imple <u>NON-CONFORMA</u>	of concrete observed o all areas of placement not exceeded ertion, spacing, time, vertica vibration) s and embedments d spacers CONCRETE PERFORM 778-4 TENT OBSERVATIONS acking due to rapid drying emented INCE ITEMS OBSERVE iption: Rebar cover inade	I insertion, <u>IED</u> Dequate.	Yes ⊠ Yes ⊠ Yes ⊠ Yes ⊠ Yes □ Yes □ Yes ⊠ C * <i>refer</i> Yes ⊠ Yes □ Yes □ Yes □ Yes □	Image: No image	ated concrete	3000, ¾", w/mid-range Tailgate Single N/A N/A test report Comments
Required mix used Placement and consolidation of Concrete properly conveyed to Depth of layer maximum limits Internal vibration (depth of inse no conveyance of concrete by Even layering around opening Removal of temporary ties and <u>FIELD TESTING OF</u> *CYLINDER SET NO: <u>POST PLACEM</u> Specified finish Protection of surfaces from creation Proper curing procedures impleted <u>NON-CONFORMA</u>	of concrete observed o all areas of placement not exceeded ertion, spacing, time, vertica vibration) s and embedments d spacers CONCRETE PERFORM 778-4 IENT OBSERVATIONS acking due to rapid drying emented	I insertion, <u>IED</u> Dequate.	Yes ⊠ Yes ⊠ Yes ⊠ Yes ⊠ Yes □ Yes □ Yes ⊠ C * <i>refer</i> Yes ⊠ Yes □ Yes □ Yes □ Yes □	Image: No image	ated concrete	3000, ¾", w/mid-range Tailgate Single N/A N/A test report Comments

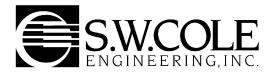
N/O = Not Observed

Notes: Approved shop drawings not available. Structural drawings used as reference.

Attachments: None

Reviewed By: RED

P:\2007\07-0559 M - University Credit Union - Portland, ME - University Credit Union Brighton Ave - RED\DFR's\Concrete Obs. 8-6-07.doc



Project Name/Location:	UCU / Brighton Ave./Po	ortland			Project No:	07-0559
Client/Client's Rep.:	UCU/Joseph Gervais			Date:	10-11-07	
Placement Location:	ATM/Drive Thru Slabs				SWCE Rep.:	VLT
Placement Type:	Footing 🗌 Wall 🗌 Co	olumn 🗌 S	Slab 🖂 Ot	her 🗌	Arrived at Sit	e: 11:30 am
				Left Site:	12:45 pm	
PRF PLACEM	ENT OBSERVATIONS	pliance	N/O	Comments		
Bar Size (diameter, length, be			Yes 🖂	No 🗌		
Location (# of bars, spacing, a	ind cover)		Yes 🖂	No 🗌		
Splicing (weld joint, overlap)			Yes 🖂	No 🗌		
Stability (wiring, chairs, and sp	pacers)		Yes 🖂	No 🗌		
Reinforcement free from mud,	oil, rust, or other nonmetalli	ic coatings	Yes 🖂	No 🗌		
Reinforcement appears in con	formance to specifications		Yes 🖂	No 🗌		
Soil subgrade prepared in acc	ordance with project specific	cations	Yes 🗌	No 🗌	\boxtimes	
Referenced Drawings		Date	Page	Rev.	ASTM	GRADE
Foundation Drawings		4/30/07	S 1.1		A 615 🖂	40 🔲 50 🗌 60 🖂
					A 616	75 🗌
					A 617 □ A 706 □	А 775 Ероху 🗌
CONCRETE PLAC	EMENT OBSERVATION	VS	In Com	pliance	<u>N/O</u>	Comments
CONCRETE PLAC Required mix used	EMENT OBSERVATION	<u>VS</u>	Yes 🛛			
Required mix used Placement and consolidation of	of concrete observed	<u>VS</u>	Yes ⊠ Yes ⊠			Comments 4000, ¾", w/mid-range
Required mix used Placement and consolidation of Concrete properly conveyed to	of concrete observed all areas of placement	<u>VS</u>	Yes ⊠ Yes ⊠ Yes ⊠			Comments 4000, ¾", w/mid-range Tailgate
Required mix used Placement and consolidation of Concrete properly conveyed to Depth of layer maximum limits	of concrete observed o all areas of placement o not exceeded		Yes ⊠ Yes ⊠			Comments 4000, ¾", w/mid-range
Required mix used Placement and consolidation of Concrete properly conveyed to	of concrete observed o all areas of placement o not exceeded ertion, spacing, time, vertica		Yes ⊠ Yes ⊠ Yes ⊠			Comments 4000, ¾", w/mid-range Tailgate
Required mix used Placement and consolidation of Concrete properly conveyed to Depth of layer maximum limits Internal vibration (depth of inse	of concrete observed o all areas of placement o not exceeded ertion, spacing, time, vertica vibration)		Yes ⊠ Yes ⊠ Yes ⊠ Yes ⊠			Comments 4000, ¾", w/mid-range Tailgate Single
Required mix used Placement and consolidation of Concrete properly conveyed to Depth of layer maximum limits Internal vibration (depth of inso no conveyance of concrete by	of concrete observed o all areas of placement o not exceeded ertion, spacing, time, vertica vibration) s and embedments		Yes ⊠ Yes ⊠ Yes ⊠ Yes ⊠ Yes □ Yes □			Comments 4000, ¾", w/mid-range Tailgate Single
Required mix used Placement and consolidation of Concrete properly conveyed to Depth of layer maximum limits Internal vibration (depth of ins- no conveyance of concrete by Even layering around opening Removal of temporary ties and <u>FIELD TESTING OF</u>	of concrete observed o all areas of placement o not exceeded ertion, spacing, time, vertica vibration) s and embedments d spacers	I insertion,	Yes ⊠ Yes ⊠ Yes ⊠ Yes ⊠ Yes □ Yes □ Yes ⊠			Comments 4000, ¾", w/mid-range Tailgate Single N/A N/A
Required mix used Placement and consolidation of Concrete properly conveyed to Depth of layer maximum limits Internal vibration (depth of insu- no conveyance of concrete by Even layering around opening Removal of temporary ties and <u>FIELD TESTING OF</u> *CYLINDER SET NO:	of concrete observed o all areas of placement o not exceeded ertion, spacing, time, vertica vibration) s and embedments d spacers <u>CONCRETE PERFORM</u> 778-5	I insertion,	Yes ⊠ Yes ⊠ Yes ⊠ Yes ⊠ Yes □ Yes □ Yes ⊠ ←*refer	□ □ □ □ □ No □ to associ		Comments 4000, ¾", w/mid-range Tailgate Single N/A N/A
Required mix used Placement and consolidation of Concrete properly conveyed to Depth of layer maximum limits Internal vibration (depth of ins- no conveyance of concrete by Even layering around opening Removal of temporary ties and <u>FIELD TESTING OF</u> *CYLINDER SET NO: <u>POST PLACEM</u>	of concrete observed o all areas of placement o not exceeded ertion, spacing, time, vertica vibration) s and embedments d spacers	I insertion,	Yes ⊠ Yes ⊠ Yes ⊠ Yes ⊠ Yes □ Yes □ Yes ⊠ ←*refer In Com	No D	<u>N/O</u>	Comments 4000, ¾", w/mid-range Tailgate Single N/A N/A test report Comments
Required mix used Placement and consolidation of Concrete properly conveyed to Depth of layer maximum limits Internal vibration (depth of insu- no conveyance of concrete by Even layering around opening Removal of temporary ties and <u>FIELD TESTING OF</u> *CYLINDER SET NO: <u>POST PLACEM</u> Specified finish	of concrete observed o all areas of placement o not exceeded ertion, spacing, time, vertica vibration) s and embedments d spacers <u>CONCRETE PERFORM</u> 778-5 <u>MENT OBSERVATIONS</u>	I insertion,	Yes ⊠ Yes ⊠ Yes ⊠ Yes ⊠ Yes □ Yes ⊠ €*refer <u>In Com</u> Yes ⊠	No D	<u>N/O</u>	Comments 4000, ¾", w/mid-range Tailgate Single N/A N/A N/A
Required mix used Placement and consolidation of Concrete properly conveyed to Depth of layer maximum limits Internal vibration (depth of insu- no conveyance of concrete by Even layering around opening Removal of temporary ties and <u>FIELD TESTING OF</u> *CYLINDER SET NO: <u>POST PLACEM</u> Specified finish Protection of surfaces from creating	of concrete observed o all areas of placement o not exceeded ertion, spacing, time, vertica vibration) s and embedments d spacers CONCRETE PERFORM 778-5 TENT OBSERVATIONS acking due to rapid drying	I insertion,	Yes ⊠ Yes ⊠ Yes ⊠ Yes ⊠ Yes □ Yes □ Yes ⊠ ←*refer Yes ⊠ Yes □ Yes □	No D		Comments 4000, ¾", w/mid-range Tailgate Single N/A N/A test report Comments
Required mix used Placement and consolidation of Concrete properly conveyed to Depth of layer maximum limits Internal vibration (depth of inse no conveyance of concrete by Even layering around opening Removal of temporary ties and <u>FIELD TESTING OF</u> *CYLINDER SET NO: <u>POST PLACEM</u> Specified finish Protection of surfaces from crassing Proper curing procedures implied	of concrete observed o all areas of placement o not exceeded ertion, spacing, time, vertica vibration) s and embedments d spacers CONCRETE PERFORM 778-5 TENT OBSERVATIONS acking due to rapid drying lemented	Il insertion,	Yes ⊠ Yes ⊠ Yes ⊠ Yes ⊠ Yes □ Yes □ Yes ⊠ ←*refer Yes ⊠ Yes □ Yes □ Yes □	No D	<u>N/O</u>	Comments 4000, ¾", w/mid-range Tailgate Single N/A N/A test report Comments
Required mix used Placement and consolidation of Concrete properly conveyed to Depth of layer maximum limits Internal vibration (depth of insu- no conveyance of concrete by Even layering around opening Removal of temporary ties and <u>FIELD TESTING OF</u> *CYLINDER SET NO: <u>POST PLACEM</u> Specified finish Protection of surfaces from crass Proper curing procedures impleted <u>NON-CONFORMA</u>	of concrete observed o all areas of placement o not exceeded ertion, spacing, time, vertica vibration) s and embedments d spacers CONCRETE PERFORM 778-5 IENT OBSERVATIONS acking due to rapid drying lemented	Il insertion,	Yes ⊠ Yes ⊠ Yes ⊠ Yes ⊠ Yes □ Yes □ Yes ⊠ ←*refer Yes ⊠ Yes □ Yes □	No D		Comments 4000, ¾", w/mid-range Tailgate Single N/A N/A test report Comments
Required mix used Placement and consolidation of Concrete properly conveyed to Depth of layer maximum limits Internal vibration (depth of insu- no conveyance of concrete by Even layering around opening Removal of temporary ties and <u>FIELD TESTING OF</u> *CYLINDER SET NO: <u>POST PLACEM</u> Specified finish Protection of surfaces from crass Proper curing procedures impleted <u>NON-CONFORMA</u>	of concrete observed o all areas of placement o not exceeded ertion, spacing, time, vertica vibration) s and embedments d spacers CONCRETE PERFORM 778-5 IENT OBSERVATIONS acking due to rapid drying lemented	Il insertion,	Yes ⊠ Yes ⊠ Yes ⊠ Yes ⊠ Yes □ Yes □ Yes ⊠ ←*refer Yes ⊠ Yes □ Yes □ Yes □	No D		Comments 4000, ¾", w/mid-range Tailgate Single N/A N/A test report Comments
Required mix used Placement and consolidation of Concrete properly conveyed to Depth of layer maximum limits Internal vibration (depth of insu- no conveyance of concrete by Even layering around opening Removal of temporary ties and <u>FIELD TESTING OF</u> *CYLINDER SET NO: <u>POST PLACEM</u> Specified finish Protection of surfaces from crass Proper curing procedures impleted <u>NON-CONFORMA</u>	of concrete observed o all areas of placement o not exceeded ertion, spacing, time, vertica vibration) s and embedments d spacers CONCRETE PERFORM 778-5 IENT OBSERVATIONS acking due to rapid drying lemented	Il insertion,	Yes ⊠ Yes ⊠ Yes ⊠ Yes ⊠ Yes □ Yes □ Yes ⊠ ←*refer Yes ⊠ Yes □ Yes □ Yes □	No D		Comments 4000, ¾", w/mid-range Tailgate Single N/A N/A test report Comments

N/O = Not Observed

Notes: Approved shop drawings not available. Structural drawings used as reference. 1% non-chloride accelerator added.

Attachments: None

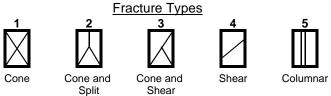
Reviewed By: RED

P:2007\07-0559 M - University Credit Union - Portland, ME - University Credit Union Brighton Ave - RED\DFR's\Concrete Obs. 10-11-07.doc



ASTM C-31 & C-39

Project Name: PORTLAND - UNIVERSITY CREDIT UNION - BRIGHTON AVENUE - MATERIALS TESTING Client: UNIVERSITY CREDIT UNION							N Project Number: 07-0559 Client Contract Number:			
Client: UNI	/ERSITY C	REDIT UN	IION							
General Contractor:						Concre Suppli			CRETE	
PLACEMENT INFOR										
Date Cast:	7/24/200)7 Ti i	ne Cast:	3:15	Date R	eceived:	7/2	5/2007		
Placement Location	: FOOTIN	IG OF BUI	LDING							
Placement Method:	PUMP T	RUCK			Placem	nent Vol.	(yd³): 40			
Cylinders Made By:	JLD				Aggre	gate Size	e (in): 3/4			
INITIAL CURING CONDITIONS DELIVERY INFORMATION										
Temperatures					Admix			LYHEED	1020	
Minimum (ºF)	Maxim	um (ºF)								
TEST RESULTS										
Slump (in) (C-143):		S	ump WR:	6	Load N	lumber:	1			
Air Content (%) (C-2	231):	А	ir WR:	5.5	Mixer N	Mixer Number: 106				
Air Temp (ºF):		70			Ticket	Number	: 129	9255		
Conc. Temp (ºF) (C-	1064):	75			Cubic `	Yards:	10			
					Design	(psi):	300	00		
Cylinder Designation	Cylinder Weight (Ibs)	Cylinder Diameter (in)	Cross Sectional Area(In) ²	Date Of Test	Cure Type	Age (days)	Fracture Type	Load (kips)	Strength (psi)	
778-1A		6.00	28.27	7/31/2007	Lab	7	4	100.0	3540	
778-1B		6.00	28.27	8/21/2007	Lab	28	4	132.0	4670	
778-1C		6.00	28.27	8/21/2007	Lab	28	4	128.0	4530	
778-1D				Hold	Lab					
				Fracture Tw	205					

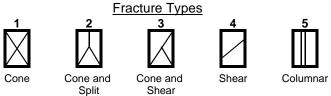


Remarks:



ASTM C-31 & C-39

Project Name: PORTLAND - UNIVERSITY CREDIT UNION - BRIGHTON AVENUE - MATERIALS TESTING							ON Project Number: 07-0559 Client Contract Number:			
Client:	JNIVERSITY C	REDIT UN	IION			Chefit	Contract N	umber.		
General Contractor:						Concre Suppli			CRETE	
PLACEMENT IN	FORMATION									
Date Cast:	7/30/200)7 Ti r	me Cast:	4:30	Date R	eceived:	7/3	1/2007		
Placement Loca										
Placement Meth	od: PUMP				Placem	nent Vol.	(yd³): 26			
Cylinders Made	By: VLT				Aggreg	jate Size	e (in): 3/4			
INITIAL CURING		DELIVE		ORMATION	N					
-		Admixt	ures:	PO	LYHEED	1020				
Minimum (ºF)	Maxim	um (ºF)								
TEST RESULTS										
Slump (in) (C-14	3):	S	lump WR:	5 3/4	Load N	umber:	2			
Air Content (%)	(C-231):	A	ir WR:	4.5	Mixer N	Mixer Number: 94				
Air Temp (ºF):		80			Ticket	Number	: 132	132475		
Conc. Temp (ºF)	(C-1064):	81			Cubic `	Yards:	10			
					Design	(psi):	300	00		
Cylinder Designation	Cylinder Weight (Ibs)		Cross Sectional Area(In) ²	Date Of Test	Cure Type	Age (days)	Fracture Type	Load (kips)	Strength (psi)	
778-2A		6.00	28.27	8/6/2007	Lab	7	4	89.5	3170	
778-2B		6.00	28.27	8/27/2007	Lab	28	4	119.5	4230	
778-2C		6.00	28.27	8/27/2007	Lab	28	4	116.0	4100	
778-2D				Hold	Lab					
				Eractura Tu	205					

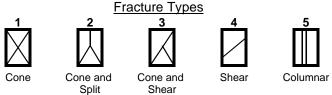


Remarks:



ASTM C-31 & C-39

Project Name:	Project Name: PORTLAND - UNIVERSITY CREDIT UNION - BRIGHTON AVENUE - MATERIALS TESTING							(07-0559
Client:	UNIVERSITY					Client Contract Number:			
General Contractor:						Concre Supplie		IRN CON	CRETE
PLACEMENT I	NFORMATION	l							
Date Cast:	8/3/20	07 T i	me Cast:	7:30	Date R	eceived:	8/4	/2007	
Placement Loc	ation: FLOO	R SLAB							
Placement Met	hod: BUCK	ET/CHUTE			Placem	nent Vol.	(yd³): 41		
Cylinders Mad	eBy: JLD					jate Size			
					1.99.05	Julio 0120	(). 0, 1		
INITIAL CURIN		IS			DELIVE			J	
	Temperature		Admixt				1020		
Minimum (ºF)	Maxi	mum (ºF)							
TEST RESULT	c								
Slump (in) (C-1			lump WR:	4	Lood N	umber:	2		
	•		•	-		Number:	2 94		
Air Content (%) (C-231):	A 74	ir WR:	2					
Air Temp (°F):						Number:		9600	
Conc. Temp (º	F) (C-1064):	79			Cubic `		20		
					Design	(psi):	400	00	
Cylinder Designatio	Weigh		Cross r Sectional Area(In) ²	Date Of Test	Cure Type	Age (days)	Fracture Type	Load (kips)	Strength (psi)
778-3A		6.00	28.27	8/10/2007	Lab	7	4	92.0	3250
778-3B		6.00	28.27	8/31/2007	Lab	28	4	115.0	4070
778-3C		6.00	28.27	8/31/2007	Lab	28	4	112.0	3960
778-3D		6.00	28.27	9/28/2007	Lab	56	4	138.5	4900
				Fracture Typ	<u>Des</u>				



Remarks:



ASTM C-31 & C-39

Project Name: PORTLAND - UNIVERSITY CREDIT UNIO AVENUE - MATERIALS TESTING					RIGHTON Project Number: Client Contract Num				07-0559
Client: UNIV	ERSITY C	REDIT UN	ION			U llolit (
General Contractor:						Concre Supplie		RN CON	CRETE
PLACEMENT INFOR	MATION								
Date Cast:	8/6/2007	7 Tir	ne Cast: 1	10:15	Date Re	eceived:	8/7/	/2007	
Placement Location:	PIER F-	6, F-7, F-8,	G-6, G-7, (G-8					
Placement Method:	TAILGA	TE			Placem	ent Vol.	(vd³): 4		
Cylinders Made By:	СКТ					ate Size			
					- 33 3		(,		
INITIAL CURING COI	NDITIONS	5			DELIVE			J	
Temp			Admixtures: POLYHEED 1020			1020			
Minimum (ºF)	Maxim	um (ºF)							
TEST RESULTS									
Slump (in) (C-143):		6.5			Load N	umber:	1		
Air Content (%) (C-2:	31):	5.4			Mixer N		84		
Air Temp (°F):		63				Number:		667	
Conc. Temp (°F) (C-1	064):	74			Cubic Y		4		
	,				Design		300	0	
	Culindar	Culinder	Cross		Doolgii	(00)			
Cylinder	Weight	Cylinder Diameter	Cross Sectional	Date Of		Age	Fracture	Load	Strength
Designation	(lbs)	(in)	Area(In) ²	Test	Cure Type		Туре	(kips)	(psi)
778-4A		6.00	28.27	8/9/2007	Lab	3	4	67.0	2370
778-4B		6.00	28.27	9/3/2007	Lab	28	4	109.0	3860
778-4C		6.00	28.27	9/3/2007	Lab	28	4	98.5	3480
778-4D				Hold	Lab				
			ļ	Fracture Ty	pes				
		1	2	3	4	5	-		



Remarks:



ASTM C-31 & C-39

Project Name: POR				UNION - BR	IGHTON	Project	Number:		07-0559
		ERIALS T				Client C	Contract N	umber:	
	ERSITYC	REDIT UN	ION			-			
General Contractor:						Concre Supplie		RN CON	CRETE
PLACEMENT INFOR	MATION								
Date Cast:	10/11/20	007 T ir	ne Cast:	12:35	Date R	eceived:	10/	12/2007	
Placement Location	: ATM / D	RIVE THR	U SLABS						
Placement Method:	TAILGA	TE			Placen	oent Vol	(yd³): 19		
Cylinders Made By:	VLT					gate Size			
					Aggre	Jale Size	(III). 3/4		
INITIAL CURING CO	NDITIONS				DELIV	ERY INFO		I	
Tem	peratures				Admix	tures:		POZZUT	
Minimum (ºF)	Maxim	um (ºF)						N CHLOR LYHEED	
TEST RESULTS									
Slump (in) (C-143):		SI	ump WR:	6 3/4	Load N	lumber:	1		
Air Content (%) (C-2	31):	Ai	r WR:	4.2	Mixer I	Number:	84		
Air Temp (ºF):		53			Ticket	Number:	134	702	
Conc. Temp (ºF) (C-1	1064):	67			Cubic	Yards:	11		
					Desigr	(psi):	400	0	
Cylinder Designation	Cylinder Weight (lbs)		Cross Sectional Area(In) ²	Date Of Test	Cure Type		Fracture Type	Load (kips)	Strength (psi)
778-5A		6.00	28.27	10/18/2007	Lab	7	4	120.5	4260
778-5B				11/8/2007	Lab	28			
778-5C				11/8/2007	Lab	28			
778-5D				Hold	Lab				
		1 Cone	Cone and Split	Fracture Typ	r <u>es</u> 4 Shear	Colun	nnar		

Remarks: