

Project Name: PORTLAND, ME - NEW BANK BUILDING - MATERIALS TESTING

Project Number: 08-0395.1

Client: PIZZAGALLI CONSTRUCTION COMPANY

Client Contract Number:

General Contractor:

Concrete Supplier: AUBURN CONCRETE

PLACEMENT INFORMATION

Date Cast: 11/3/2010 **Time Cast:** 14:41 **Date Received:**

Placement Location: FOUNDATION FOOTING 7' W OF D/3.4 TO A/2.7 AND COLUMN FOOTINGS AT A/2.1 & A/3.3

Placement Method: DIRECT DISCHARGE **Placement Vol. (yd³):** 13.5

Cylinders Made By: DAC **Aggregate Size (in):** 3/4

INITIAL CURING CONDITIONS

Temperatures

Minimum (°F) **Maximum (°F)**

DELIVERY INFORMATION

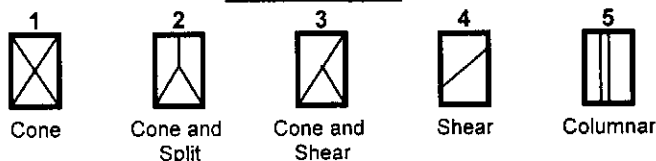
Admixtures: GLENIUM 7500 MRWR
40% LEED NEWCEM

TEST RESULTS

Slump (in) (C-143):	Slump WR: 4	Load Number: 1
Air Content (%) (C-231):	Air WR: 4.2	Mixer Number: 98
Air Temp (°F): 45		Ticket Number: 180212
Conc. Temp (°F) (C-1064): 69		Cubic Yards: 6.75
		Design (psi): 3000

Cylinder Designation	Cylinder Weight (lbs)	Cylinder Diameter (in)	Cross Sectional Area(In) ²	Date Of Test	Cure Type	Age (days)	Fracture Type	Load (kips)	Strength (psi)
211-2A		4.00	12.57	11/10/2010	Lab	7	4	51.6	4110
211-2B				12/1/2010	Lab	28			
211-2C				12/1/2010	Lab	28			
211-2D				Hold	Lab				

Fracture Types



Remarks:

Report of Concrete Compressive Strength

ASTM C-31 & C-39

Project Name: PORTLAND, ME - NEW BANK BUILDING - MATERIALS TESTING

Project Number: 08-0395.1

Client: PIZZAGALLI CONSTRUCTION COMPANY

Client Contract Number:
General Contractor:
Concrete Supplier: AUBURN CONCRETE

PLACEMENT INFORMATION

Date Cast:	11/10/2010	Time Cast:	1:00	Date Received:	11/11/2010
Placement Location:	ALONG A LINE TO COLUMN LINE 3 ALONG 1 LINE TO COLUMN LINE B ALL OF D LINE & 11 LINE				
Placement Method:	TAILGATE		Placement Vol. (yd³):	30.5	
Cylinders Made By:	TA		Aggregate Size (in):	3/4	

INITIAL CURING CONDITIONS

Temperatures

Minimum (°F)	Maximum (°F)
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DELIVERY INFORMATION

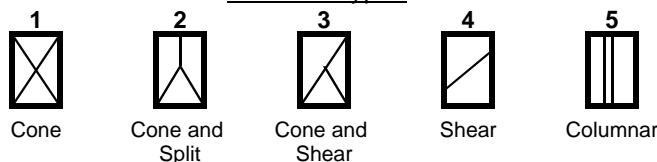
Admixtures: GLENIUM 7500 (MRWR)
MICRO AIR

TEST RESULTS

Slump (in) (C-143):	Slump WR:	5	Load Number:	2
Air Content (%) (C-231):	Air WR:	7.5	Mixer Number:	86
Air Temp (°F):	48		Ticket Number:	179215
Conc. Temp (°F) (C-1064):	56		Cubic Yards:	10
			Design (psi):	3000

Cylinder Designation	Cylinder Weight (lbs)	Cylinder Diameter (in)	Cross Sectional Area (In) ²	Date Of Test	Cure Type	Age (days)	Fracture Type	Load (kips)	Strength (psi)
211-3A		4.00	12.57	11/17/2010	Lab	7	4	41.4	3300
211-3B				12/8/2010	Lab	28			
211-3C				12/8/2010	Lab	28			
211-3D				Hold	Lab				

Fracture Types



Remarks:

Report of Concrete Compressive Strength

ASTM C-31 & C-39

Project Name: PORTLAND, ME - NEW BANK BUILDING - MATERIALS TESTING

Project Number: 08-0395.1

Client: PIZZAGALLI CONSTRUCTION COMPANY

Client Contract Number:
General Contractor:
Concrete Supplier: AUBURN CONCRETE

PLACEMENT INFORMATION

Date Cast: 11/12/2010 **Time Cast:** 3:20 **Date Received:** 11/13/2010

Placement Location: "HC" RAMP FOOTING A/2.7 TO A/1.1=FOOT

Placement Method: DIRECT

Placement Vol. (yd³): 15.5

Cylinders Made By: JJR

Aggregate Size (in): MRWR

INITIAL CURING CONDITIONS

Temperatures

Minimum (°F) **Maximum (°F)**

DELIVERY INFORMATION

Admixtures: 40% LEEDS

TEST RESULTS

Slump (in) (C-143): **Slump WR:** 5.75

Load Number: 1

Air Content (%) (C-231): **Air WR:** 6.5

Mixer Number: 99

Air Temp (°F): 50

Ticket Number: 179239

Conc. Temp (°F) (C-1064): 62

Cubic Yards: 7.75

Design (psi): 4000

Cylinder Designation	Cylinder Weight (lbs)	Cylinder Diameter (in)	Cross Sectional Area(In) ²	Date Of Test	Cure Type	Age (days)	Fracture Type	Load (kips)	Strength (psi)
211-4A		4.00	12.57	11/19/2010	Lab	7	4	60.8	4840
211-4B				12/10/2010	Lab	28			
211-4C				12/10/2010	Lab	28			
211-4D				Hold	Lab				

Fracture Types



Cone



Cone and Split



Cone and Shear



Shear



Columnar

Remarks:

Report of Concrete Compressive Strength

ASTM C-31 & C-39

Project Name: PORTLAND, ME - NEW BANK BUILDING - MATERIALS TESTING

Project Number: 08-0395.1

Client: PIZZAGALLI CONSTRUCTION COMPANY

Client Contract Number:
General Contractor:
Concrete Supplier: AUBURN CONCRETE

PLACEMENT INFORMATION

Date Cast: 11/15/2010 **Time Cast:** 2:38 **Date Received:**
Placement Location: A LINE CL 2.7 TO 1 LINE, 1 LINE C LINE TO A LINE

Placement Method: TAILGATE

Placement Vol. (yd³): 13.5

Cylinders Made By: TA

Aggregate Size (in): 3/4

INITIAL CURING CONDITIONS

Temperatures

Minimum (°F) **Maximum (°F)**

DELIVERY INFORMATION

Admixtures: GLENIUM 7500 (MRWR)
MICRO AIR

TEST RESULTS

Slump (in) (C-143):	Slump WR: 7	Load Number: 1
Air Content (%) (C-231):	Air WR: 6	Mixer Number: 98
Air Temp (°F): 48		Ticket Number: 179255
Conc. Temp (°F) (C-1064): 60		Cubic Yards: 10
		Design (psi): 3000

Cylinder Designation	Cylinder Weight (lbs)	Cylinder Diameter (in)	Cross Sectional Area(In) ²	Date Of Test	Cure Type	Age (days)	Fracture Type	Load (kips)	Strength (psi)
211-5A		4.00	12.57	11/22/2010	Lab	7	4	63.8	5080
211-5B				12/13/2010	Lab	28			
211-5C				12/13/2010	Lab	28			
211-5D				Hold	Lab				

Fracture Types



Cone



Cone and Split



Cone and Shear



Shear



Columnar

Remarks:

Project Name: PORTLAND, ME - NEW BANK BUILDING - MATERIALS TESTING

Project Number: 08-0395.1

Client: PIZZAGALLI CONSTRUCTION COMPANY

Client Contract Number:
General Contractor:
Concrete Supplier: AUBURN CONCRETE

PLACEMENT INFORMATION

Date Cast: 11/2/2010 **Time Cast:** 3:00 **Date Received:** 11/3/2010

Placement Location: FOOTINGS: LINE 1, A.5 TO D LINE D, 1 TO 3

Placement Method: DIRECT DISCHARGE

Placement Vol. (yd³): 7.5

Cylinders Made By: VLT

Aggregate Size (in): 3/4

INITIAL CURING CONDITIONS

Temperatures

Minimum (°F) **Maximum (°F)**

DELIVERY INFORMATION

Admixtures: 40% LEEDS
MRWR (GLENIUM 7500)

TEST RESULTS

Slump (in) (C-143): **Slump WR:** 5
Air Content (%) (C-231): **Air WR:** 5.5
Air Temp (°F): 52
Conc. Temp (°F) (C-1064): 56

Load Number: 1
Mixer Number: 115
Ticket Number: 180178
Cubic Yards: 7.5
Design (psi): 3000

Cylinder Designation	Cylinder Weight (lbs)	Cylinder Diameter (in)	Cross Sectional Area(In) ²	Date Of Test	Cure Type	Age (days)	Fracture Type	Load (kips)	Strength (psi)
211-1A		4.00	12.57	11/9/2010	Lab	7	4	51.7	4120
211-1B		4.00	12.57	11/30/2010	Lab	28	4	80.2	6380
211-1C		4.00	12.57	11/30/2010	Lab	28	4	84.2	6700
211-1D				Hold	Lab				

Fracture Types



Cone



Cone and Split



Cone and Shear



Shear



Columnar

Remarks:

Project Name: PORTLAND, ME - NEW BANK BUILDING - MATERIALS TESTING

Project Number: 08-0395.1

Client: PIZZAGALLI CONSTRUCTION COMPANY

Client Contract Number:
General Contractor:
Concrete Supplier: AUBURN CONCRETE

PLACEMENT INFORMATION

Date Cast: 11/3/2010 **Time Cast:** 14:41 **Date Received:**
Placement Location: FOUNDATION FOOTING 7' W OF D/3.4 TO A/2.7 AND COLUMN FOOTINGS AT A/2.1 & A/3.3
Placement Method: DIRECT DISCHARGE **Placement Vol. (yd³):** 13.5
Cylinders Made By: DAC **Aggregate Size (in):** 3/4

INITIAL CURING CONDITIONS

Temperatures

Minimum (°F) **Maximum (°F)**

DELIVERY INFORMATION

Admixtures: GLENIUM 7500 MRWR
 40% LEED NEWCEM

TEST RESULTS

Slump (in) (C-143): **Slump WR:** 4 **Load Number:** 1
Air Content (%) (C-231): **Air WR:** 4.2 **Mixer Number:** 98
Air Temp (°F): 45 **Ticket Number:** 180212
Conc. Temp (°F) (C-1064): 69 **Cubic Yards:** 6.75
Design (psi): 3000

Cylinder Designation	Cylinder Weight (lbs)	Cylinder Diameter (in)	Cross Sectional Area(In) ²	Date Of Test	Cure Type	Age (days)	Fracture Type	Load (kips)	Strength (psi)
211-2A		4.00	12.57	11/10/2010	Lab	7	4	51.6	4110
211-2B		4.00	12.57	12/1/2010	Lab	28	4	77.2	6140
211-2C		4.00	12.57	12/1/2010	Lab	28	4	79.0	6290
211-2D				Hold	Lab				

Fracture Types



Cone



Cone and Split



Cone and Shear



Shear



Columnar

Remarks:

Report of Concrete Compressive Strength

ASTM C-31 & C-39

Project Name: PORTLAND, ME - NEW BANK BUILDING - MATERIALS TESTING

Project Number: 08-0395.1

Client: PIZZAGALLI CONSTRUCTION COMPANY

Client Contract Number:

General Contractor:

Concrete Supplier: AUBURN CONCRETE

PLACEMENT INFORMATION

Date Cast: 11/10/2010 **Time Cast:** 1:00 **Date Received:** 11/11/2010
Placement Location: ALONG A LINE TO COLUMN LINE 3 ALONG 1 LINE TO COLUMN LINE B ALL OF D LINE & 11 LINE
Placement Method: TAILGATE **Placement Vol. (yd³):** 30.5
Cylinders Made By: TA **Aggregate Size (in):** 3/4

INITIAL CURING CONDITIONS

Temperatures

Minimum (°F) **Maximum (°F)**

DELIVERY INFORMATION

Admixtures: GLENIUM 7500 (MRWR)
 MICRO AIR

TEST RESULTS

Slump (in) (C-143): **Slump WR:** 5 **Load Number:** 2
Air Content (%) (C-231): **Air WR:** 7.5 **Mixer Number:** 86
Air Temp (°F): 48 **Ticket Number:** 179215
Conc. Temp (°F) (C-1064): 56 **Cubic Yards:** 10
Design (psi): 3000

Cylinder Designation	Cylinder Weight (lbs)	Cylinder Diameter (in)	Cross Sectional Area(In) ²	Date Of Test	Cure Type	Age (days)	Fracture Type	Load (kips)	Strength (psi)
211-3A		4.00	12.57	11/17/2010	Lab	7	4	41.4	3300
211-3B		4.00	12.57	12/8/2010	Lab	28	4	70.0	5570
211-3C		4.00	12.57	12/8/2010	Lab	28	4	69.6	5540
211-3D				Hold	Lab				

Fracture Types



Cone



Cone and Split



Cone and Shear



Shear



Columnar

Remarks:

Report of Field Density

ASTM D6938

Project: PORTLAND, ME - NEW BANK BUILDING - MATERIALS TESTING

Project Number: 08-0395.1

Client: PIZZAGALLI CONSTRUCTION COMPANY

Field Density Test Results

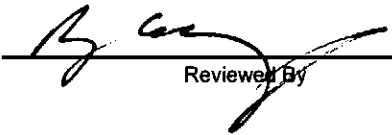
Test #	Test Date	Tech	Test Location	Elev Feet	Test Depth	Lab ID	Dry Density	Moisture Content Percent	Compaction Percent	Required Compaction
25	11/29/2010	CT	INSIDE BUILDING WEST WALL	46.5	10	13247G	126.3	3.6	96.9	95
26	11/29/2010	CT	INSIDE BUILDING SOUTH WALL	46.5	10	13247G	129.4	3.1	99.2	95
27	11/29/2010	CT	HANDICAP RAMP	45.8	10	13247G	125.6	4.2	96.3	95
28	11/29/2010	CT	HANDICAP RAMP	44.2	8	13247G	123.9	5.2	95.0	95

Laboratory Compaction Test Reference

Lab ID	Date Received	Material Source	Material Type	Method	Max Dry Density PCF	Optimum Moisture Content (%)	Comments
13247G	10/22/2010	G S&G Winslow Pit	Crushed Gravel	ASTM D-1557 Modified C	130.4	6.5	

Elevation Notes:

Comments:



 Reviewed By

Project Name: PORTLAND, ME - NEW BANK BUILDING - MATERIALS TESTING

Project Number: 08-0395.1

Client: PIZZAGALLI CONSTRUCTION COMPANY

Client Contract Number:
General Contractor: PIZZAGALLI

Concrete Supplier: AUBURN CONCRETE

PLACEMENT INFORMATION

Date Cast: 12/22/2010 **Time Cast:** 7:43

Date Received: 12/23/2010

Placement Location: 4" CONCRETE SLAB ON GRADE

Placement Method: PUMP, NORTHEAST CONCRETE

Placement Vol. (yd³): 35

Cylinders Made By: VLT

Aggregate Size (in): 3/4"

INITIAL CURING CONDITIONS

Temperatures

Minimum (°F) **Maximum (°F)**

DELIVERY INFORMATION

Admixtures: MRWR, POZZUTEC 20%

TEST RESULTS

Slump (in) (C-143): **Slump WR:** 6
Air Content (%) (C-231): **Air WR:** 2.6
Air Temp (°F): 30
Conc. Temp (°F) (C-1064): 63

Load Number: 1
Mixer Number: 86
Ticket Number: 166 610
Cubic Yards: 10
Design (psi): 3500

Cylinder Designation	Cylinder Weight (lbs)	Cylinder Diameter (in)	Cross Sectional Area(In) ²	Date Of Test	Cure Type	Age (days)	Fracture Type	Load (kips)	Strength (psi)
211-6A		4.00	12.57	12/29/2010	Lab	7	4	62.6	4980
211-6B				1/19/2011	Lab	28			
211-6C				1/19/2011	Lab	28			
211-6D				Hold	Lab				

Fracture Types



Cone



Cone and Split



Cone and Shear



Shear



Columnar

 Remarks: 6 1/2" @ HOPPER, 6" @ POD
 W/C LOAD 1.52



Concrete Construction Observation Report

Project Name/Location:	TD Bank New Bank Building	Project No:	08-0395.1
Client/Client's Rep.:	Pizzagalli Construction	Date:	12/22/10
Concrete Contractor:	AP Concrete	Sheet:	1 of 1
Placement Location:	4" Slab on Grade: line A to D, 1 to 4	SWCE Rep.:	VLT
Placement Type:	Footing <input type="checkbox"/> Wall <input type="checkbox"/> Column <input type="checkbox"/> Slab <input checked="" type="checkbox"/> Other <input type="checkbox"/>	Arrived at Site:	6:45am
		Left Site:	9:15am

<u>PRE PLACEMENT OBSERVATIONS</u>	<u>In Compliance</u>		<u>N/O</u>	<u>Comments</u>
Bar Size (diameter, length, bend and anchorage)	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	<input type="checkbox"/>	Per Approved Plans
Location (# of bars, spacing, and cover)	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	<input type="checkbox"/>	Acceptable
Splicing (weld joint, overlap)	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	<input type="checkbox"/>	As required
Stability (wiring, chairs, and spacers)	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	<input type="checkbox"/>	
Reinforcement free from mud, oil, rust, or other nonmetallic	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	<input type="checkbox"/>	Acceptable-minimal rust
Reinforcement appears in conformance to specifications	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	<input type="checkbox"/>	Acceptable
Soil subgrade prepared in accordance with project specifications	Yes <input type="checkbox"/>	No <input type="checkbox"/>	<input checked="" type="checkbox"/>	

<u>Referenced Drawings</u>	<u>Date</u>	<u>Page</u>	<u>Rev.</u>	<u>ASTM</u>	<u>GRADE</u>
SMMA		S1.01	8/11/10	A 615 <input checked="" type="checkbox"/>	40 <input type="checkbox"/> 50 <input type="checkbox"/> 60 <input checked="" type="checkbox"/>
				A 616 <input type="checkbox"/>	75 <input type="checkbox"/>
				A 617 <input type="checkbox"/>	
				A 706 <input type="checkbox"/>	6"x6" WWF <input checked="" type="checkbox"/>

<u>CONCRETE PLACEMENT OBSERVATIONS</u>	<u>In Compliance</u>		<u>N/O</u>	<u>Comments</u>
Required mix used	Yes <input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3500psi, 3/4" 40% Leeds, MRWR, 2% Accelerator
Placement and consolidation of concrete observed	Yes <input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Acceptable
Concrete properly conveyed to all areas of placement	Yes <input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Pump
Depth of layer maximum limits not exceeded	Yes <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Internal vibration (depth of insertion, spacing, time, vertical insertion, no conveyance of concrete by vibration)	Yes <input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	N/A
Even layering around openings and embedments	Yes <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Removal of temporary ties and spacers	Yes <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A

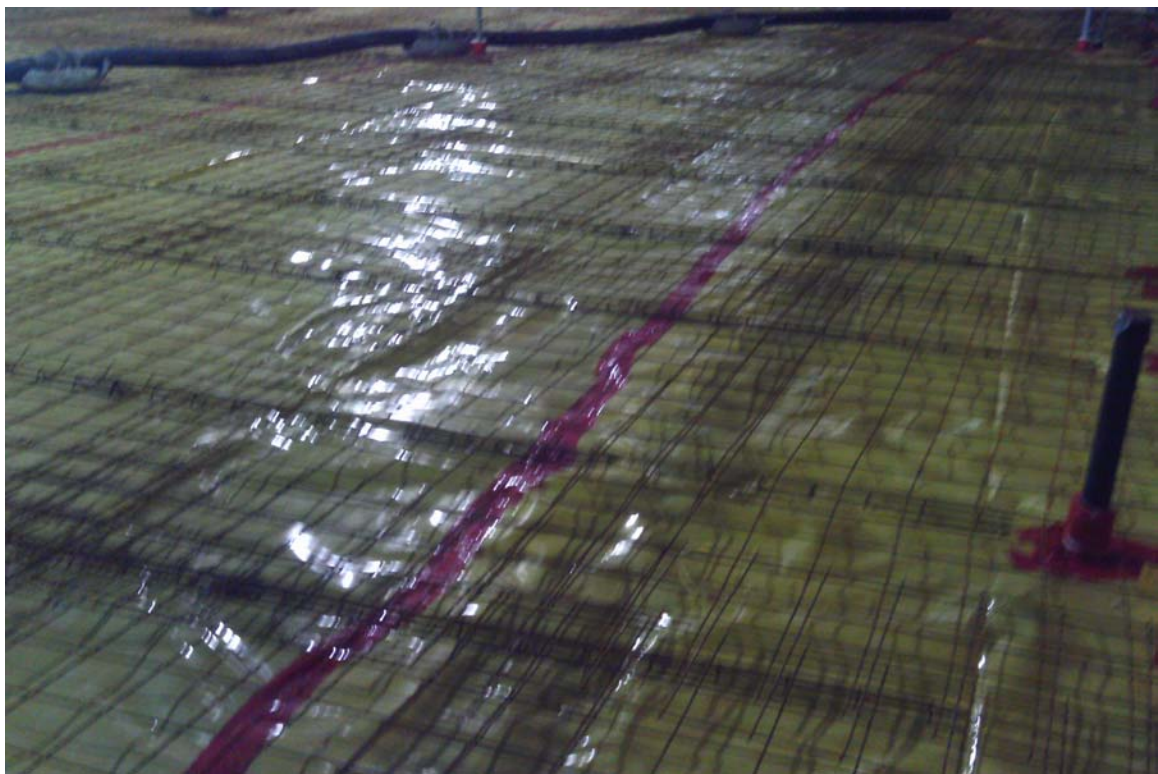
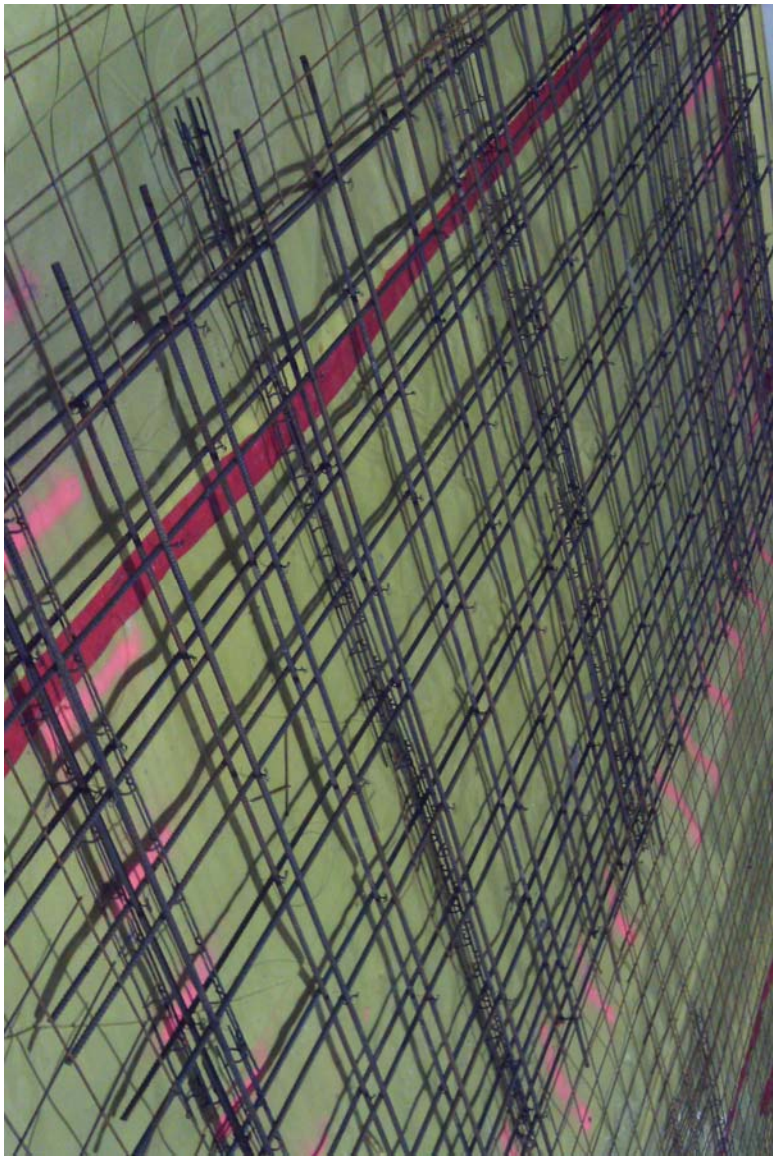
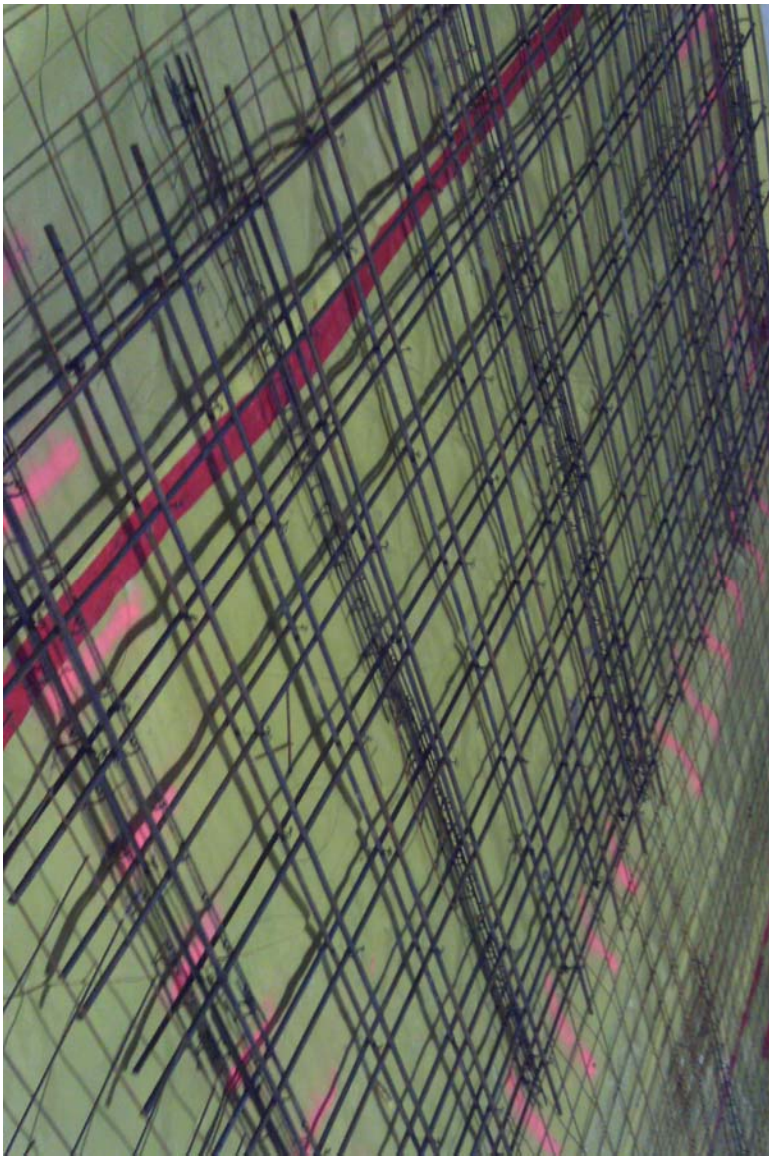
FIELD TESTING OF CONCRETE PERFORMED Yes No
 *CYLINDER SET NO: 211-6 ← *refer to associated concrete test report

<u>POST PLACEMENT OBSERVATIONS</u>	<u>In Compliance</u>		<u>N/O</u>	<u>Comments</u>
Specified finish	Yes <input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Protection of surfaces from cracking due to rapid drying	Yes <input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Proper curing procedures implemented	Yes <input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

NON-CONFORMANCE ITEMS OBSERVED Yes No

Non-Conformance Item Description:
 Action Taken by SWCE:
 Persons Notified:

Notes:
 Placement area enclosed and heated. Vapor barrier and welded wire installed by AP Concrete. A double mat of #4s @12" was installed at the vault area as required where slab thickness was 8". Slumps 6". Air 2.6%. w/c .52. Cylinders cast on 1st load.



Concrete Construction Observation Report

Project Name/Location:	TD Bank New Bank Building	Project No:	08-0395.1
Client/Client's Rep.:	Pizzagalli Construction	Date:	11-2-10
Concrete Contractor:	Pizzagalli Construction	Sheet:	1 of 1
Placement Location:	Footings: Line 1, A.5 to D, as well as Line D, 1 to 3	SWCE Rep.:	VLT
Placement Type:	Footing <input checked="" type="checkbox"/> Wall <input type="checkbox"/> Column <input type="checkbox"/> Slab <input type="checkbox"/> Other <input type="checkbox"/>	Arrived at Site:	2:00pm
		Left Site:	3:00pm

<u>PRE PLACEMENT OBSERVATIONS</u>	<u>In Compliance</u>	<u>N/O</u>	<u>Comments</u>
Bar Size (diameter, length, bend and anchorage)	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	<input type="checkbox"/>	As required
Location (# of bars, spacing, and cover)	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	<input type="checkbox"/>	Acceptable
Splicing (weld joint, overlap)	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	<input type="checkbox"/>	Acceptable
Stability (wiring, chairs, and spacers)	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	<input type="checkbox"/>	As required
Reinforcement free from mud, oil, rust, or other nonmetallic coatings	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	<input type="checkbox"/>	Acceptable
Reinforcement appears in conformance to specifications	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	<input type="checkbox"/>	Acceptable
Soil subgrade prepared in accordance with project specifications	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	<input type="checkbox"/>	

<u>Referenced Drawings</u>	<u>Date</u>	<u>Page</u>	<u>Rev.</u>	<u>ASTM</u>	<u>GRADE</u>
Barker	9-20-10	RO1		A 615 <input checked="" type="checkbox"/>	40 <input type="checkbox"/> 50 <input type="checkbox"/> 60 <input checked="" type="checkbox"/>
SMMA		S1.01		A 616 <input type="checkbox"/>	75 <input type="checkbox"/>
SMMA		S3.01		A 617 <input type="checkbox"/>	6"x6" WWF <input type="checkbox"/>
				A 706 <input type="checkbox"/>	

<u>CONCRETE PLACEMENT OBSERVATIONS</u>	<u>In Compliance</u>	<u>N/O</u>	<u>Comments</u>
Required mix used	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	<input type="checkbox"/>	3000psi, 3/4" 40% Leeds
Placement and consolidation of concrete observed	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	<input type="checkbox"/>	Acceptable
Concrete properly conveyed to all areas of placement	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	<input type="checkbox"/>	Direct discharge
Depth of layer maximum limits not exceeded	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	<input type="checkbox"/>	One layer
Internal vibration (depth of insertion, spacing, time, vertical insertion, no conveyance of concrete by vibration)	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	<input type="checkbox"/>	Acceptable
Even layering around openings and embedments	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	<input type="checkbox"/>	Acceptable
Removal of temporary ties and spacers	Yes <input type="checkbox"/> No <input type="checkbox"/>	<input type="checkbox"/>	N/A

FIELD TESTING OF CONCRETE PERFORMED Yes No

***CYLINDER SET NO:** 211-1 ←*refer to associated concrete test report

<u>POST PLACEMENT OBSERVATIONS</u>	<u>In Compliance</u>	<u>N/O</u>	<u>Comments</u>
Specified finish	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	<input type="checkbox"/>	w/ trowel
Protection of surfaces from cracking due to rapid drying	Yes <input type="checkbox"/> No <input type="checkbox"/>	<input checked="" type="checkbox"/>	
Proper curing procedures implemented	Yes <input type="checkbox"/> No <input type="checkbox"/>	<input checked="" type="checkbox"/>	

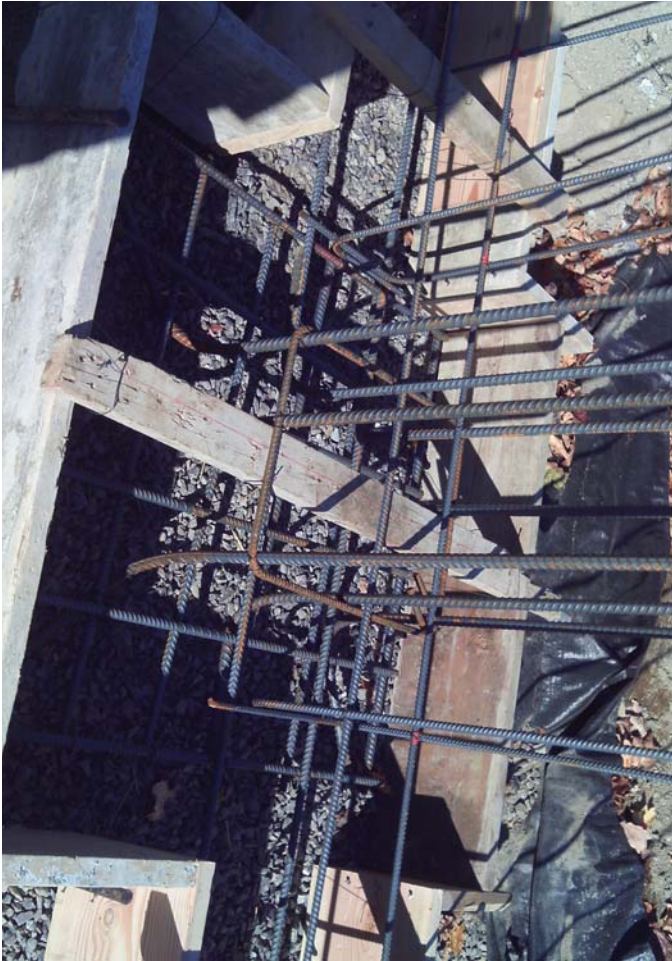
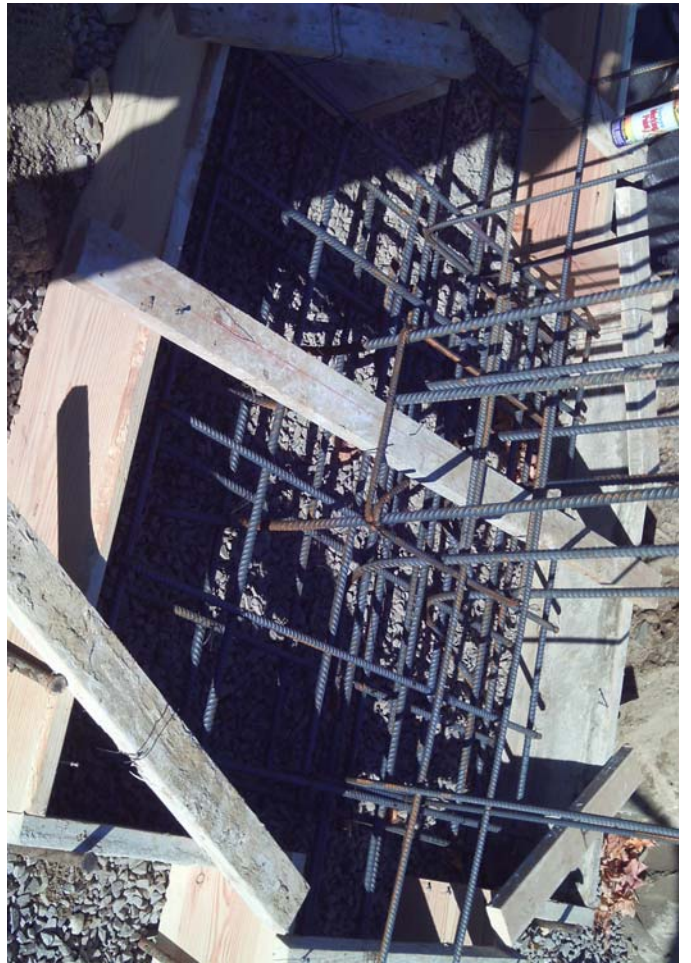
NON-CONFORMANCE ITEMS OBSERVED Yes No

Non-Conformance Item Description: _____

Action Taken by SWCE: _____

Persons Notified: _____

Notes:
 Rebar installed as required per project specifications. Slump 5", Air 5.5%, Concrete temp 56°. Cylinders on only load.



Concrete Construction Observation Report

Project Name/Location:	TD Bank New Bank Building	Project No:	08-0395.1
Client/Client's Rep.:	Pizzagalli Construction	Date:	11/03/10
Concrete Contractor:	Lajoie Bros General Contracting	Sheet:	1 of 1
Placement Location:	Foundation Footings: 7'W of D3.4 to ≈A/2.7 and column pier footings @ A'/2.1 and A'/3.3	SWCE Rep.:	DACJR
Placement Type:	Footing <input checked="" type="checkbox"/> Wall <input type="checkbox"/> Column <input type="checkbox"/> Slab <input type="checkbox"/> Other <input type="checkbox"/>	Arrived at Site:	13:30
		Left Site:	16:25

<u>PRE PLACEMENT OBSERVATIONS</u>	<u>In Compliance</u>	<u>N/O</u>	<u>Comments</u>
Bar Size (diameter, length, bend and anchorage)	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	<input type="checkbox"/>	Per Approved Plans
Location (# of bars, spacing, and cover)	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	<input type="checkbox"/>	Acceptable
Splicing (weld joint, overlap)	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	<input type="checkbox"/>	As required for bar size 30"
Stability (wiring, chairs, and spacers)	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	<input type="checkbox"/>	3" Concrete bricks
Reinforcement free from mud, oil, rust, or other nonmetallic	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	<input type="checkbox"/>	Acceptable-minimal rust
Reinforcement appears in conformance to specifications	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	<input type="checkbox"/>	Acceptable
Soil subgrade prepared in accordance with project specifications	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	<input type="checkbox"/>	¾" crushed stone & structural fill

<u>Referenced Drawings</u>	<u>Date</u>	<u>Page</u>	<u>Rev.</u>	<u>ASTM</u>	<u>GRADE</u>
Barker Steel Reinforcing Drawings	09/20/10	RO1	10/19/10	A 615 <input checked="" type="checkbox"/>	40 <input type="checkbox"/> 50 <input type="checkbox"/> 60 <input checked="" type="checkbox"/>
Symmes Maini & McKee Associates (SMMA)	07/28/10	S1.01	08/11/10	A 616 <input type="checkbox"/>	75 <input type="checkbox"/>
Symmes Maini & McKee Associates (SMMA)	07/28/10	S3.01	08/11/10	A 617 <input type="checkbox"/>	6"x6" WWF <input type="checkbox"/>
				A 706 <input type="checkbox"/>	

<u>CONCRETE PLACEMENT OBSERVATIONS</u>	<u>In Compliance</u>	<u>N/O</u>	<u>Comments</u>
Required mix used	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	<input type="checkbox"/>	3000psi, ¾" 40% Leeds & MRWR
Placement and consolidation of concrete observed	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	<input type="checkbox"/>	Acceptable
Concrete properly conveyed to all areas of placement	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	<input type="checkbox"/>	Direct discharge
Depth of layer maximum limits not exceeded	Yes <input type="checkbox"/> No <input type="checkbox"/>	<input type="checkbox"/>	N/A
Internal vibration (depth of insertion, spacing, time, vertical insertion, no conveyance of concrete by vibration)	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	<input type="checkbox"/>	Adequate
Even layering around openings and embedments	Yes <input type="checkbox"/> No <input type="checkbox"/>	<input type="checkbox"/>	N/A
Removal of temporary ties and spacers	Yes <input type="checkbox"/> No <input type="checkbox"/>	<input type="checkbox"/>	N/A

FIELD TESTING OF CONCRETE PERFORMED Yes No

*CYLINDER SET NO: 211-2 ←*refer to associated concrete test report

<u>POST PLACEMENT OBSERVATIONS</u>	<u>In Compliance</u>	<u>N/O</u>	<u>Comments</u>
Specified finish	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	<input type="checkbox"/>	w/ trowel
Protection of surfaces from cracking due to rapid drying	Yes <input type="checkbox"/> No <input type="checkbox"/>	<input checked="" type="checkbox"/>	
Proper curing procedures implemented	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	<input type="checkbox"/>	Covered w/ insulated curing blankets

NON-CONFORMANCE ITEMS OBSERVED Yes No

Non-Conformance Item Description:

Action Taken by SWCE:

Persons Notified:

Notes:





Concrete Construction Observation Report

Project Name/Location:	TD Bank New Bank Building	Project No:	08-0395.1
Client/Client's Rep.:	Pizzagalli Construction	Date:	11/10/10
Concrete Contractor:	Lajoie Bros General Contracting	Sheet:	1 of 1
Placement Location:	Foundation Walls: A – 3, 1-B, All of D & 4 line	SWCE Rep.:	TBA
Placement Type:	Footing <input type="checkbox"/> Wall <input checked="" type="checkbox"/> Column <input type="checkbox"/> Slab <input type="checkbox"/> Other <input type="checkbox"/>	Arrived at Site:	11:00am
		Left Site:	3:30pm

<u>PRE PLACEMENT OBSERVATIONS</u>	<u>In Compliance</u>		<u>N/O</u>	<u>Comments</u>
Bar Size (diameter, length, bend and anchorage)	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	<input type="checkbox"/>	Per Approved Plans
Location (# of bars, spacing, and cover)	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	<input type="checkbox"/>	Acceptable
Splicing (weld joint, overlap)	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	<input type="checkbox"/>	Acceptable
Stability (wiring, chairs, and spacers)	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	<input type="checkbox"/>	Acceptable
Reinforcement free from mud, oil, rust, or other nonmetallic	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	<input type="checkbox"/>	Acceptable-minimal rust
Reinforcement appears in conformance to specifications	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	<input type="checkbox"/>	Acceptable
Soil subgrade prepared in accordance with project specifications	Yes <input type="checkbox"/>	No <input type="checkbox"/>	<input checked="" type="checkbox"/>	

<u>Referenced Drawings</u>	<u>Date</u>	<u>Page</u>	<u>Rev.</u>	<u>ASTM</u>	<u>GRADE</u>
Barker Steel Reinforcing Drawings	09/20/10	RO1	10/19/10	A 615 <input checked="" type="checkbox"/>	40 <input type="checkbox"/> 50 <input type="checkbox"/> 60 <input checked="" type="checkbox"/>
Symmes Maini & McKee Associates (SMMA)	07/28/10	S1.01	08/11/10	A 616 <input type="checkbox"/>	75 <input type="checkbox"/>
Symmes Maini & McKee Associates (SMMA)	07/28/10	S3.01	08/11/10	A 617 <input type="checkbox"/>	
				A 706 <input type="checkbox"/>	6"x6" WWF <input type="checkbox"/>

<u>CONCRETE PLACEMENT OBSERVATIONS</u>	<u>In Compliance</u>		<u>N/O</u>	<u>Comments</u>
Required mix used	Yes <input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3000psi, ¾" 40% Leeds & MRWR
Placement and consolidation of concrete observed	Yes <input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Acceptable
Concrete properly conveyed to all areas of placement	Yes <input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Direct discharge
Depth of layer maximum limits not exceeded	Yes <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Internal vibration (depth of insertion, spacing, time, vertical insertion, no conveyance of concrete by vibration)	Yes <input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Adequate
Even layering around openings and embedments	Yes <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Removal of temporary ties and spacers	Yes <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A

FIELD TESTING OF CONCRETE PERFORMED Yes No
 *CYLINDER SET NO: 211-3 ← *refer to associated concrete test report

<u>POST PLACEMENT OBSERVATIONS</u>	<u>In Compliance</u>		<u>N/O</u>	<u>Comments</u>
Specified finish	Yes <input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	w/ trowel
Protection of surfaces from cracking due to rapid drying	Yes <input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Proper curing procedures implemented	Yes <input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Covered w/ insulated curing blankets

NON-CONFORMANCE ITEMS OBSERVED Yes No

Non-Conformance Item Description:
 Action Taken by SWCE:
 Persons Notified:

Notes:





11.10.2010



11.10.2010



Concrete Construction Observation Report

Project Name/Location:	TD Bank New Bank Building	Project No:	08-0395.1
Client/Client's Rep.:	Pizzagalli Construction	Date:	11/15/10
Concrete Contractor:	Lajoie Bros General Contracting	Sheet:	1 of 1
Placement Location:	Foundation Wall: A 2.7 – 1 Line, 1/C - A	SWCE Rep.:	TBA
Placement Type:	Footing <input type="checkbox"/> Wall <input checked="" type="checkbox"/> Column <input type="checkbox"/> Slab <input type="checkbox"/> Other <input type="checkbox"/>	Arrived at Site:	2:00pm
		Left Site:	3:15pm

<u>PRE PLACEMENT OBSERVATIONS</u>	<u>In Compliance</u>		<u>N/O</u>	<u>Comments</u>
Bar Size (diameter, length, bend and anchorage)	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	<input type="checkbox"/>	Per Approved Plans
Location (# of bars, spacing, and cover)	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	<input type="checkbox"/>	Acceptable
Splicing (weld joint, overlap)	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	<input type="checkbox"/>	As required
Stability (wiring, chairs, and spacers)	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	<input type="checkbox"/>	
Reinforcement free from mud, oil, rust, or other nonmetallic	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	<input type="checkbox"/>	Acceptable-minimal rust
Reinforcement appears in conformance to specifications	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	<input type="checkbox"/>	Acceptable
Soil subgrade prepared in accordance with project specifications	Yes <input type="checkbox"/>	No <input type="checkbox"/>	<input checked="" type="checkbox"/>	

<u>Referenced Drawings</u>	<u>Date</u>	<u>Page</u>	<u>Rev.</u>	<u>ASTM</u>	<u>GRADE</u>
Barker Steel Reinforcing Drawings	09/20/10	RO1	10/19/10	A 615 <input checked="" type="checkbox"/>	40 <input type="checkbox"/> 50 <input type="checkbox"/> 60 <input checked="" type="checkbox"/>
Symmes Maini & McKee Associates (SMMA)	07/28/10	S1.01	08/11/10	A 616 <input type="checkbox"/>	75 <input type="checkbox"/>
Symmes Maini & McKee Associates (SMMA)	07/28/10	S3.01	08/11/10	A 617 <input type="checkbox"/>	
				A 706 <input type="checkbox"/>	6"x6" WWF <input type="checkbox"/>

<u>CONCRETE PLACEMENT OBSERVATIONS</u>	<u>In Compliance</u>		<u>N/O</u>	<u>Comments</u>
Required mix used	Yes <input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3000psi, 3/4" 40% Leeds & MRWR
Placement and consolidation of concrete observed	Yes <input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Acceptable
Concrete properly conveyed to all areas of placement	Yes <input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Direct discharge
Depth of layer maximum limits not exceeded	Yes <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Internal vibration (depth of insertion, spacing, time, vertical insertion, no conveyance of concrete by vibration)	Yes <input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Adequate
Even layering around openings and embedments	Yes <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Removal of temporary ties and spacers	Yes <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A

FIELD TESTING OF CONCRETE PERFORMED Yes No
 *CYLINDER SET NO: 211-5 ← *refer to associated concrete test report

<u>POST PLACEMENT OBSERVATIONS</u>	<u>In Compliance</u>		<u>N/O</u>	<u>Comments</u>
Specified finish	Yes <input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	w/ trowel
Protection of surfaces from cracking due to rapid drying	Yes <input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Proper curing procedures implemented	Yes <input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

NON-CONFORMANCE ITEMS OBSERVED Yes No

Non-Conformance Item Description: _____
 Action Taken by SWCE: _____
 Persons Notified: _____
Notes: _____



