



Foundation Design, P.C.

SOIL • BEDROCK • GROUNDWATER

June 1, 2012

LaBella Associates, P.C.
300 State Street
Suite 201
Rochester, New York 14614

Attention: Mr. Dennis Porter

Reference Photech Imaging Corporation Site – Phase II
1000 Driving Park Avenue, Rochester, NY
Construction Close-Out Letter, 3446.1

Dear Mr. Porter:

This letter report summarizes our site observations during mass earthwork operations associated with the Phase II abandoned utility removal, backfill of environmental remediation, and mass grading for site drainage. We recommend that this report be placed in permanent storage with other as-built construction documents. These documents should include, but not be limited to, a copy of the plans and specifications, and any other material certifications submitted by the contractor.

Several firms had involvement during the mass grading operations. TREC Environmental, Inc. performed the environmental remediation and removal of abandoned utilities between December 2011 and April 2012. LaBella Associates, P.C. provided project oversight throughout the work. Foundation Design, P.C. provided geotechnical consultation/observation of the mass earthwork between December 2011 and April 2012. CME Associates, Inc. was retained for quality control on the fill placement.

LaBella Associates, P.C.
June 1, 2012
Page 2

The contract documents required that, the contractor salvage available 'clean earth' for reuse as structural fill. The new fill material was to be placed in lifts not exceeding 12-inches in loose thickness. The fill was also to be compacted to a minimum of 95 percent of maximum dry density as determined by the Modified Proctor test (ASTM D-1557).

In general, contractor did not achieve these requirements.

- The earthwork was conducted during the winter months, without the benefit of drying weather. Material excavated was typically three to five percent above optimum moisture content. Complete importation of material would have significantly increased the project costs. After discussion with the owner, it was determined that a minimum of 90 percent would be acceptable due to the higher moisture content of on-site soils.
- As the on-site material was used up, imported material was required to ~~grade the site~~. Imported material was used in the remaining critical areas; the imported material was tested to specified compaction requirements.
- Thicker lifts (18 to 24 inches thick) were allowed at the start of the deeper fill areas to start fill placement over wet subgrades; the thicker lifts were tested.
- Isolated areas were accepted with in-place densities of less than 90 percent; these areas were hard, stable and passed a proof roll prior to placing additional material.

Attached in Appendix A are copies of our Daily Field Reports for the project. Copies of the CME Associates, Inc. modified proctor curves and in-place density test reports are in Appendix B. Attached in Appendix C is our Phase 1 Close-out Report, containing documentation on the earthwork performed during the demolition phase of the project.

Based on our site observation and the test results recorded, it is our opinion that the mass earthwork was performed in general accordance with the plans, the agreed-upon altered specifications, and our recommendations. We point out that the horizontal and vertical limits of the grading operations were determined by others. Foundation Design, P.C. does not guarantee the construction, nor should our work or this letter be construed as relieving the



**Foundation
Design, P.C.**

SOIL • BEDROCK • GROUNDWATER

LaBella Associates, P.C.

June 1, 2012

Page 3

contractor of the contractor's responsibility to perform the work in accordance with the contract plans and specifications.

Submission of this letter completes our services on this portion of the project. We have enjoyed working with you in this project; call if we can be of assistance on subsequent phases of the project.

Very truly yours,

FOUNDATION DESIGN, P.C.

Jeffrey D. Netzband, P.E.

Vice President

Enc.



**Foundation
Design, P.C.**

SOIL • BEDROCK • GROUNDWATER

APPENDIX A

**Fill Designation Plan
Daily Field Reports**

GENERAL NOTES

- EXISTING CONDITIONS ARE TAKEN FROM FIELD OBSERVATIONS AND PRIOR CONSTRUCTION DOCUMENTS WHEN AVAILABLE AND ARE NOT GUARANTEED. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO BID. NO ALLOWANCE WILL BE MADE FOR ADDITIONAL COSTS DUE TO CONTRACTOR'S FAILURE TO VERIFY EXISTING CONDITIONS AND DIMENSIONS.
- WHEN EXISTING CONSTRUCTION WHICH IS TO REMAIN IS DAMAGED DURING THE COURSE OF CONSTRUCTION AS A RESULT OF CONTRACTOR'S WORK, IT SHALL BE REPAIRED AND/OR REPLACED WITH SIMILAR OR LIKE MATERIALS AS MUCH AS POSSIBLE, SUBJECT TO OWNER'S APPROVAL.
- BEFORE THE START OF CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE CITY OF ROCHESTER AT 1-800-460-7992 TO REQUEST UTILITY STAKEOUT OF ALL PUBLIC UTILITIES.
- ALL WORK INDICATED ON THIS DRAWING SHALL BE DONE UNDER THE GENERAL CONSTRUCTION CONTRACT UNLESS OTHERWISE NOTED.
- PROTECT EXISTING UTILITIES TO REMAIN. ANY LATERALS ENCOUNTERED DURING EXCAVATIONS, WHICH ARE NOT SHOWN ON THE CONSTRUCTION DOCUMENTS, SHALL BE REPORTED TO THE OWNER'S DESIGNATED REPRESENTATIVE AND LABELLA ASSOCIATES.

KEY NOTES:

- BASED ON SEQUENCE OF THE RECORD DRAWINGS, THESE SIX (6) LATERALS WERE INSTALLED IN 1984 WHEN DRIVING PARK WAS RECONSTRUCTED. THESE LATERALS APPEAR TO STOP AT THE RIGHT-OF-WAY AND WERE FOR FUTURE DEVELOPMENT. BASED ON THIS, THE LATERALS SHOULD BE CAPPED FROM THE ORIGINAL CONSTRUCTION AND WERE NEVER EXTENDED INTO THE SITE, AND FURTHER ACTION REQUIRED.
- EXISTING 1" TEMPORARY WATER SERVICE TO BE ABANDONED. FEE PAID TO CITY WATER BUREAU ON 1/20/2009 \$1,100. CONTRACTOR TO COORDINATE WITH CITY WATER BUREAU FOR FEE AND BE 428-6484. NOTE: THE 6" AND 10" SERVICES WERE REMOVED BY CITY WATER BUREAU IN FEBRUARY 2010. SERVICES HAVE BEEN DISCONNECTED FROM MAIN IN DRIVING PARK. CONTRACTOR'S REMOVAL LIMITS ARE EXISTING FENCE LINE ALONG DRIVING PARK, PLUS 500 TO REMAIN.
- UTILITY CUT IN DRIVING PARK AVENUE FOR REMOVAL OF EXISTING COMBINED SEWER AND INSTALLATION OF NEW PVC COMBINED SEWER.
- EXISTING MANHOLE TO REMAIN. ABANDON EXISTING 15" RCP STORM SEWER EXTERIOR NORTHWARDS HOME STRUCTURE WITH BULKHEAD. EXISTING 10" RCP TOWARDS DRIVING PARK AVENUE TO REMAIN FOR FUTURE DEVELOPMENT.
- REMOVE ALL PIPING SYSTEMS AND STRUCTURES IDENTIFIED IN CONTRACT DOCUMENTS, BACKFILL AS SPECIFIED IN THE EXCAVATION SPECIFICATIONS. REFER TO REMEDIAL ACTION WORK PLAN FOR DESCRIPTION OF EXISTING SUBSURFACE UTILITIES TO BE REMOVED.
- REMOVE ALL EXISTING ASPHALT PAVEMENT AND CONCRETE PAD, CRUSHER RUN SURFACE TO REMAIN. REGRADE AND COMPACT FINAL SURFACE FOR IMPROVEMENT.

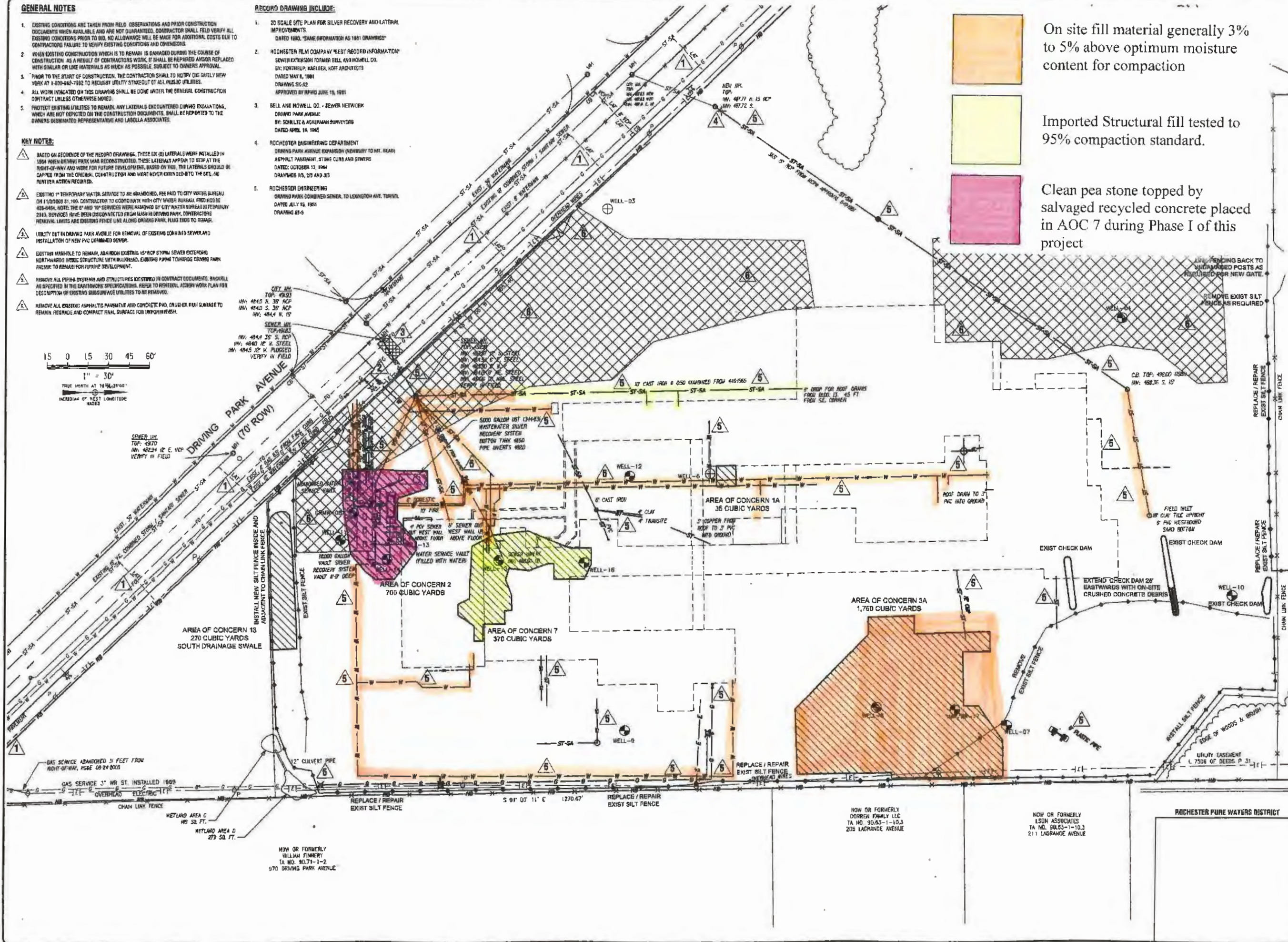
RECORD DRAWING INCLUDE:

- 2D SCALE SITE PLAN FOR SILVER RECOVERY AND LATERAL IMPROVEMENTS.
DATED 1983. "SAME INFORMATION AS 1981 DRAWINGS"
BY: HONIGSMAN, KAEHLER, KOFF ARCHITECTS
DATED MAY 8, 1981
DRAWING 51-42
APPROVED BY NYPD JUNE 19, 1981
- BELL AND HOWELL CO. - SEWER NETWORK
DRAWING PARK AVENUE
BY: SCHULTZ & ADERMAN SURVEYORS
DATED APRIL 14, 1985
- ROCHESTER ENGINEERING DEPARTMENT
DRIVING PARK AVENUE EXPANSION (NEARBY TO MT. READ)
ASPHALT PAVEMENT, STONE CURBS AND SEWERS
DATED: OCTOBER 11, 1984
DRAWINGS 10, 20 AND 30
- ROCHESTER ENGINEERING
DRIVING PARK COMBINED SEWER, TO LEXINGTON AVE TUNNEL
DATED JULY 19, 1985
DRAWING 23-5

On site fill material generally 3% to 5% above optimum moisture content for compaction

Imported Structural fill tested to 95% compaction standard.

Clean pea stone topped by salvaged recycled concrete placed in AOC 7 during Phase I of this project



LABELLA
ASSOCIATES, P.C.

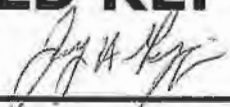
300 STATE STREET
ROCHESTER, NY 14614
P: (585) 454-6110
F: (585) 454-4066
www.labellassoc.com

PHOTECH
1000 DRIVING PARK
ROCHESTER, NY 14613
CITY OF ROCHESTER
30 CHURCH STREET
ROCHESTER, NY 14614-1230

DEMOLITION PLAN

ISSUED FOR: **CONSTRUCTION**
DATE: AUGUST 15, 2011
DESIGNED BY: [blank]
DRAWN BY: [blank]
CHECKED BY: [blank]
APPROVED BY: [blank]

PROJECT/DRAWING NUMBER
209288
C-1.0

FOUNDATION DESIGN, P.C. 335 Colfax Street Rochester, New York 14606-3107 PHONE (585) 458-0824 FAX (585) 458-3323	Date: 12-28-11	Job No: 3446.1	Report No: 1
	Project: Photech Imaging Site, 1000 Driving Park Ave		
	Contractor: TREC Environmental	Owner: City of Rochester	
	Weather: Snow	Temp: 28° 25°	7:30 AM 3:30 PM
TO: LaBella Associates, P.C. 300 State Street Suite 201 Rochester, New York 14614 Attn: Mr. Dennis Porter	Present at Site: Seth – LaBella Associates Steve -TREC Jay Goggin – Foundation Design Pete – CME Joe Biondolillo – City of Rochester		
THE FOLLOWING WAS NOTED: 1. I was on to observe earthwork operations. TREC started to dewater excavation 3A this morning after yesterday's rain. They are planning to get an area in the southwest corner of the excavation cleaned up to access whether a 12" lift of crusher run stone will be needed to start earth fills in this excavation. 2. Loose soils at the bottom of the excavation were scraped/pushed off with a small bulldozer and removed from the excavation and will be used for the final lift. I observed proof rolling of the subgrade under a smooth drum vibratory roller and observed minimal movement under this load. In my opinion, the subgrade was acceptable for fill placement. 3. Trec placed a lift of the onsite material stockpiled from north of the fence line this afternoon. In-place density testing indicated that the soil was 3 to 5% above optimum moisture content and between 90 and 92% of the proctor value. 4. I reviewed compaction conditions with Joe and informed him that the material was not achieving compaction requirement due to the high moisture content. With winter conditions, the material will not dry out sufficiently to achieve compaction requirements. I informed him that the material was relatively stable under construction traffic. We reviewed that this area is envisioned as future parking if the site is developed. It was determined that a minimum of 90% of the proctor value would be acceptable in excavation 3A.			
COPIES TO:		FIELD REPORT SIGNED 	



FOUNDATION DESIGN, P.C.**335 Colfax Street
Rochester, New York 14606-3107**

PHONE (585) 458-0824

FAX (585) 458-3323

Date:
12-30-11Job No:
3446.1Report No:
3Project:
Photech Imaging Site, 1000 Driving Park AveContractor:
TREC EnvironmentalOwner:
City of RochesterWeather:
CloudyTemp: 33° 7:30 AM
45° 3:30 PM

TO:

LaBella Associates, P.C.
300 State Street
Suite 201
Rochester, New York 14614
Attn: Mr. Dennis Porter

Present at Site:

Kyle Miller - LaBella Associates
Steve Stockmaster - TREC
Jay Goggin - Foundation Design
Pete - CME
Joe Biondolillo - City of Rochester

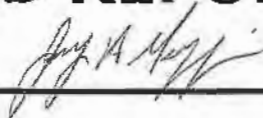
THE FOLLOWING WAS NOTED:

1. I was on to observe earthwork operations. TREC continued to de-water the bottom of excavation 3A and place fill.
2. TREC continued to place backfill in area 3A today. The first 1/4 of the excavation on the south end was filled to approximately 6" from final grade. This area will be filled to final grade next week.
3. TREC removed loose wet material from the next 1/3 of the excavation after standing water had been remove from puddles from the mass removal work. I observed the subgrade under roller traffic and observed minimal movement under this load. In my opinion the area was acceptable for fill placement.
4. TREC placed one lift of material in the next section of the excavation this afternoon. In-place density testing indicated that the minimum compaction standards for area 3A were achieved. TREC placed material to drain to the remaining puddle/low area in the northeast corner of the excavation should it rain over the weekend.

COPIES TO:

FIELD REPORT

SIGNED



134

FOUNDATION DESIGN, P.C.**335 Colfax Street
Rochester, New York 14606-3107**PHONE (585) 458-0824
FAX (585) 458-3323Date:
1-3-12Job No:
3446.1Report No:
4Project:
Photech Imaging Site, 1000 Driving Park AveContractor:
TREC EnvironmentalOwner:
City of RochesterWeather:
Cloudy, windyTemp: 15° 7:30 AM
° PM

TO:

LaBella Associates, P.C.
300 State Street
Suite 201
Rochester, New York 14614
Attn: Mr. Dennis PorterPresent at Site:
Mike Pelychaty, Dennis Porter – LaBella Assoc.
Steve Stockmaster -TREC
Jay Goggin – Foundation Design
Pete – CME
Joe Biondolillo – City of Rochester


THE FOLLOWING WAS NOTED:

1. I was on to observe earthwork operations. After reviewing weather conditions with TREC and LaBella, it was determined that no earthwork would be conducted today. Weather conditions are forecasted to improve throughout the week and earthwork will continue tomorrow.

COPIES TO:

FIELD REPORT

SIGNED



FOUNDATION DESIGN, P.C.**335 Colfax Street
Rochester, New York 14606-3107**

PHONE (585) 458-0824

FAX (585) 458-3323

Date:
1-4-12Job No:
3446.1Report No:
5Project:
Photech Imaging Site, 1000 Driving Park AveContractor:
TREC EnvironmentalOwner:
City of RochesterWeather:
Cloudy, windyTemp: 15° 7:30 AM
30° 2:00 PM

TO:

LaBella Associates, P.C.
300 State Street
Suite 201
Rochester, New York 14614
Attn: Mr. Dennis Porter

Present at Site:

Mike Peiychaty – LaBella Assoc.
Steve Stockmaster -TREC
Jay Goggin – Foundation Design
Pete – CME
Joe Biondolillo – City of Rochester

THE FOLLOWING WAS NOTED:

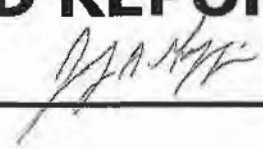
1. I was on site to observe earthwork operations.
2. TREC scraped the remaining material that had become loose and wet during mass excavation of area AOC 3A. They also removed the remaining standing water that had accumulated. Deeper excavations from removing the saturated soils under the standing water were backfilled with No.2 crusher run stone that was stockpiled on site during construction of the haul road. I observed proof rolling of the subgrade and crusher run stone under a vibratory roller. I observed minimal movement of the subgrade under this load. In my opinion, the subgrade was acceptable for fill placement.
3. TREC place a lift and a half of the material stockpile from north of the fence line this afternoon. In-place density testing result ranged from 91 to 96% compact 3 to 5% above optimum moisture content.

COPIES TO:

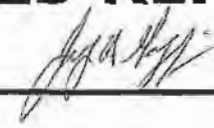
FIELD REPORT

SIGNED



FOUNDATION DESIGN, P.C. 335 Colfax Street Rochester, New York 14606-3107 PHONE (585) 458-0824 FAX (585) 458-3323	Date: 1-5-12	Job No: 3446.1	Report No: 6
	Project: Photech Imaging Site, 1000 Driving Park Ave		
	Contractor: TREC Environmental	Owner: City of Rochester	
	Weather: Cloudy, windy	Temp: 15° 7:30 AM 30° 2:00 PM	
TO: LaBella Associates, P.C. 300 State Street Suite 201 Rochester, New York 14614 Attn: Mr. Dennis Porter	Present at Site: Mike Pelychaty, Dennis Porter – LaBella Assoc. Steve Stockmaster -TREC Jay Goggin – Foundation Design Pete – CME Joe Biondolillo – City of Rochester		
THE FOLLOWING WAS NOTED: <ol style="list-style-type: none"> 1. I was on site to observe earthwork operations. TREC scraped frozen surface material that was placed last Friday. 2. TREC continued to place the stockpiled material from north of the fence line today. Material placed continued to be 3 to 5% above optimum moisture content with in-placed densities ranging from 91 to 96% of the proctor value of this material. The material was relatively stable under construction traffic. 3. TREC completed placement of the material that had been stockpiled from north of the fence line. TREC will place the small stockpile of material near the construction trailer tomorrow morning. Once that material is used up they will start making cut from the mound between the swales. I estimate that TREC will need to borrow about 350cy of material to complete backfilling of area AOC 3A. 			
COPIES TO:	FIELD REPORT SIGNED 		



FOUNDATION DESIGN, P.C. 335 Colfax Street Rochester, New York 14606-3107 PHONE (585) 458-0824 FAX (585) 458-3323	Date: 1-6-12	Job No: 3446.1	Report No: 7
	Project: Photech Imaging Site, 1000 Driving Park Ave		
	Contractor: TREC Environmental	Owner: City of Rochester	
	Weather: Cloudy, windy	Temp:	30° 7:30 AM 48° 3:30 PM
TO: LaBella Associates, P.C. 300 State Street Suite 201 Rochester, New York 14614 Attn: Mr. Dennis Porter	Present at Site: Mike Pelychaty – LaBella Assoc. Steve Stockmaster -TREC Jay Goggin – Foundation Design Pete – CME Joe Biondolillo – City of Rochester		
THE FOLLOWING WAS NOTED: 1. I was on site to observe earthwork operations. TREC continued backfill operation in AOC 3A today. 2. TREC placed the small stockpile of material from next to the construction trailer this morning in the north half of the excavation. I checked our files to see if we had a proctor value for this material generated during earthwork operations in the fall of 2010. I was not able to locate a proctor for this material. It was determined, after speaking with Jeff Netzband with my office, that the material would be compacted and accepted using the peak the gauge method, test in-place densities until the reach a maximum under compactive effort. This method was followed on the single lift of material of this material. I observed compactive effort as it was applied and once the maximum, no increase in value was achieved, the vibratory roller was only leaving minor cuts. 3. TREC started to borrow material from the berm between the swales this afternoon. In-place density testing of material borrowed between the swales was 97% of the proctor value, or above, moistures were with in 1% of optimum. 4. TREC should complete backfilling area AOC 3A on Monday, 1-9-12.			
COPIES TO:		FIELD REPORT SIGNED 	



FOUNDATION DESIGN, P.C.**335 Colfax Street
Rochester, New York 14606-3107**

PHONE (585) 458-0824

FAX (585) 458-3323

Date:
1-9-12Job No:
3446.1Report No:
8Project:
Photech Imaging Site, 1000 Driving Park AveContractor:
TREC EnvironmentalOwner:
City of RochesterWeather:
Mostly cloudy, windyTemp: 25° 7:30 AM
43° 3:30 PM

TO:

LaBella Associates, P.C.
300 State Street
Suite 201
Rochester, New York 14614
Attn: Mr. Dennis Porter

Present at Site:

Mike Pelychaty, Dennis Porter – LaBella Assoc.
Steve Stockmaster -TREC
Jay Goggin – Foundation Design
Pete – CME
Joe Biondolillo – City of Rochester

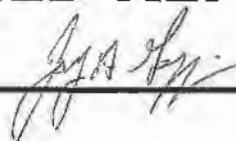
THE FOLLOWING WAS NOTED:

1. I was on site to observe earthwork operations. TREC continued backfill operation in AOC 3A today.
2. TREC continued to place material excavated between the two swales this morning. This afternoon they excavated and placed material from the west bank of the western swale. Between these two location they were they were able to place one lift of material that brought AOC 3A to with in about 12" of interim grade. Compaction testing indicated that the material achieved 93 to 97% of the proctor value generally with in 2% of optimum moisture content.
3. TREC will complete backfill of AOC 3A tomorrow.

COPIES TO:

FIELD REPORT

SIGNED



FOUNDATION DESIGN, P.C.**335 Colfax Street
Rochester, New York 14606-3107**

PHONE (585) 458-0824

FAX (585) 458-3323

Date:
1-10-12Job No:
3446.1Report No:
9Project:
Photech Imaging Site, 1000 Driving Park AveContractor:
TREC EnvironmentalOwner:
City of RochesterWeather:
Mostly cloudy, windyTemp: 33° 7:30 AM
43° 3:30 PM

TO:

LaBella Associates, P.C.
300 State Street
Suite 201
Rochester, New York 14614
Attn: Mr. Dennis PorterPresent at Site:
Mike Pelychaty, Dennis Porter – LaBella Assoc.
Steve Stockmaster -TREC
Jay Goggin, Jeff Netzbund – Foundation Design
Pete – CME
Joe Biondolillo – City of Rochester

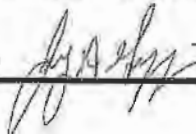
THE FOLLOWING WAS NOTED:

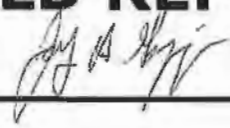
1. I was on site to observe earthwork operations. TREC continued backfill operation in AOC 3A today.
2. TREC placed the material that was excavated from AOC 3A that had become wet or frozen prior to or during backfilling the excavation. This material was graded to drain and seal rolled.
3. TREC was having a difficult time grading the north end of the site, (pond area that was filled), due to high moisture content of the material placed earlier in the project. I recommended that TREC grade the area as well as they could and seal it as rain is forecasted later in the week. They are planning to complete this work tomorrow.

COPIES TO:

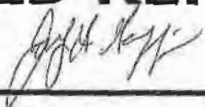
FIELD REPORT

SIGNED



FOUNDATION DESIGN, P.C. 335 Colfax Street Rochester, New York 14606-3107 PHONE (585) 458-0824 FAX (585) 458-3323	Date: 1-17-12	Job No: 3446.1	Report No: 10
	Project: Photech Imaging Site, 1000 Driving Park Ave		
	Contractor: TREC Environmental	Owner: City of Rochester	
	Weather: Rain	Temp:	33° 7:30 AM 43° 3:30 PM
TO: LaBella Associates, P.C. 300 State Street Suite 201 Rochester, New York 14614 Attn: Mr. Dennis Porter	Present at Site: Mike Pelychaty, Dennis Porter – LaBella Assoc. Steve Stockmaster -TREC Jay Goggin – Foundation Design Joe Biondolillo – City of Rochester		
THE FOLLOWING WAS NOTED: 1. I was on site to observe earthwork operations. TREC was starting backfill of tank 1 in AOC 2 today. 2. TREC removed loose material that had sloughed into the excavation and floating ice that accumulated over the weekend. It was determined that the excavation would be backfilled approximately to minus 5' from inter grade, during a site meeting yesterday afternoon, rather than stepping the sides of the excavation for safe entry for compaction and testing with pea stone. The additional excavation to step the banks would likely infringe in additional environmentally impacted soil. Joe and Dennis approved the additional cost for the use of pea stone due to this constraint. 3. TREC placed the pea stone in lifts and applied compactive effort with the excavator bucket to chink the pea stone in place. TREC will complete backfill of tank 1 excavation tomorrow with on-site borrow material tomorrow. 4. TREC has stockpiled additional pea stone for use in AOC 2 as environmental clean-up continues and excavation continues below the water table.			
COPIES TO:		FIELD REPORT SIGNED 	



DUNDATION DESIGN, P.C. 335 Colfax Street Rochester, New York 14606-3107 PHONE (585) 458-0824 FAX (585) 458-3323	Date: 1-18-12	Job No: 3446.1	Report No: 11
TO: LaBella Associates, P.C. 300 State Street Suite 201 Rochester, New York 14614 Attn: Mr. Dennis Porter	Project: Phototech Imaging Site, 1000 Driving Park Ave Contractor: TREC Environmental Owner: City of Rochester Weather: Sunny Temp: 20° 7:30 AM 22° 3:00 PM Present at Site: Mike Pelychaty, Dennis Porter – LaBella Assoc. Steve Stockmaster -TREC Jay Goggin – Foundation Design Joe Biondolillo, Dennis Peck – City of Rochester Pete – CME		
THE FOLLOWING WAS NOTED: 1. I was on site to observe earthwork operations. TREC was continued backfill of tank 1 in AOC 2 today. TREC placed filter fabric for separation between the pea stone and on-site borrow material to help prevent soil migration into the pea stone. 2. TREC excavated borrow material from the west side of the swale for backfill of tank 1 today. Material was placed in one foot lifts to approximately one foot below interim grade today. CME conducted in-place density testing. Density testing indicated that compaction requirements were achieved on material placed today, 95% of proctor value with in 2% of optimum moisture content. 3. TREC placed material that had become to moist to achieve compaction requirements, due to rain or excavation below the water table to achieve interim grade and for drainage, approximately one foot of material.			
COPIES TO:	FIELD REPORT SIGNED 		



FOUNDATION DESIGN, P.C.**335 Colfax Street
Rochester, New York 14606-3107**PHONE (585) 458-0824
FAX (585) 458-3323Date:
2-1-12Job No:
3446.1Report No:
12Project:
Photech Imaging Site, 1000 Driving Park AveContractor:
TREC EnvironmentalOwner:
City of RochesterWeather:
CloudyTemp: 35° 7:30 AM
50° 3:30 PM

TO: LaBella Associates, P.C. 300 State Street Suite 201 Rochester, New York 14614 Attn: Mr. Dennis Porter	Present at Site: Mike Pelychaty, Dennis Porter – LaBella Assoc. Steve Stockmaster -TREC Jay Goggin – Foundation Design Joe Biondolillo, Dennis Peck – City of Rochester
--	---

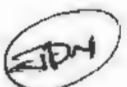
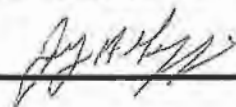
THE FOLLOWING WAS NOTED:

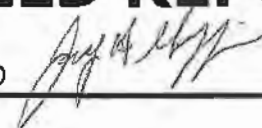
1. I was on site to observe earthwork operations. TREC started to remove water line per plan today.
2. TREC started to remove water line at old building twelve working south today. They removed 80' of water line today. The water line was approximately 3' to 4' below grade. LaBella had not scheduled CME to be on-site today for compaction testing. Due to forecasted rain it was decided that the excavation should be backfilled rather than having the material become wetter than it was coming out of the excavation. Today's excavation was backfilled and compactive effort was applied using a trench roller with at least 4 passes. Material placed today was relatively stable under this load. (See attached sketch for pipe removed today)

COPIES TO:

FIELD REPORT

SIGNED



FOUNDATION DESIGN, P.C. 335 Colfax Street Rochester, New York 14606-3107 PHONE (585) 458-0824 FAX (585) 458-3323	Date: 2-2-12	Job No: 3446.1	Report No: 13
	Project: Photech Imaging Site, 1000 Driving Park Ave		
	Contractor: TREC Environmental	Owner: City of Rochester	
	Weather: Cloudy	Temp:	30° 7:30 AM 35° 3:30 PM
TO: LaBella Associates, P.C. 300 State Street Suite 201 Rochester, New York 14614 Attn: Mr. Dennis Porter	Present at Site: Mike Pelychaty, Dennis Porter – LaBella Assoc. Steve Stockmaster -TREC Jay Goggin – Foundation Design Joe Biondolillo, Dennis Peck – City of Rochester Pete - CME		
THE FOLLOWING WAS NOTED: 1. I was on site to observe earthwork operations. TREC continued to remove water line per plan today. 2. TREC removed approximately 120' of water line today. The water line removed today was getting deeper as the excavation proceeded south approximately the last 30' was deeper than 6'. The larger water line started to make water as the excavation proceeded south once a shutoff valve was removed during removal. I recommended that TREC excavated a sump point to allow for water removal in the morning. (See attached sketch for pipe removed today) 3. CME was on site to conduct compacting testing on backfill today. TREC placed the material in lifts and applied compactive effort with the trench roller. The material was 3-5% above optimum moisture. I had reviewed conditions with Joe and informed him that the material was not able to achieve 95% compaction but we were achieving around 90 to 92% of the proctor value. Joe was willing to accept the lower compaction as dry material is not available on site. He would like to maintain around 92% compaction when possible.			
COPIES TO:		FIELD REPORT SIGNED 	



FOUNDATION DESIGN, P.C.**335 Colfax Street
Rochester, New York 14606-3107**

PHONE (585) 458-0824

FAX (585) 458-3323

Date:
2-3-12Job No:
3446.1Report No:
14Project:
Photech Imaging Site, 1000 Driving Park AveContractor:
TREC EnvironmentalOwner:
City of RochesterWeather:
CloudyTemp: 30° 7:30 AM
40° 3:30 PM

TO:

LaBella Associates, P.C.
300 State Street
Suite 201
Rochester, New York 14614
Attn: Mr. Dennis Porter

Present at Site:

Mike Pelychaty, Dennis Porter – LaBella Assoc.
Steve Stockmaster -TREC
Jay Goggin – Foundation Design
Joe Biondolillo, Dennis Peck – City of Rochester

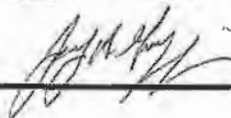
THE FOLLOWING WAS NOTED:

1. I was on site to observe earthwork operations. TREC planned to continued to remove water line per plan today.
2. I recommended that TREC pump water that had accumulated in the excavation overnight before continuing to remove the water line. TREC set a trash pump and pumped to a frac tank all day and was not able to get a head of the water. The water lines being remove end at the old tunnel excavation that was done in the phase 1 demolition. We are starting to think that the water lines may be picking up water from the tunnel backfill as it extended below the water table.
3. TREC excavated a few test pits along the east side of the property today looking for the water, gas, and electric to be removed as part of the project. They started to remove the electric duct bank encountered until oil was encountered. The hole was loosely backfilled and will be re-excavated once testing has been completed.
4. TREC removed the three inch gas line by pulling it out of the ground, it was less than two-feet below grade.

COPIES TO:

FIELD REPORT

SIGNED



FOUNDATION DESIGN, P.C.**335 Colfax Street
Rochester, New York 14606-3107**

PHONE (585) 458-0824

FAX (585) 458-3323

Date:
2-6-12Job No:
3446.1Report No:
15Project:
Photech Imaging Site, 1000 Driving Park AveContractor:
TREC EnvironmentalOwner:
City of RochesterWeather:
Partly sunnyTemp: 30° 7:30 AM
48° 3:30 PM

TO: LaBella Associates, P.C.
300 State Street
Suite 201
Rochester, New York 14614
Attn: Mr. Dennis Porter

Present at Site:
Mike Pelychaty, Dennis Porter – LaBella Assoc.
Steve Stockmaster -TREC
Jay Goggin – Foundation Design
Joe Biondolillo, Dennis Peck – City of Rochester

THE FOLLOWING WAS NOTED:

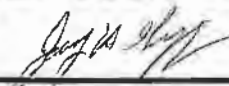
1. I was on site to observe earthwork operations. TREC planned to continued to remove water line per plan on the east side of the site today. TREC continued to attempt to get the water draining from the pipes between the berm under control today.
2. TREC started excavation working from the east property line to the west today. The water line along this side of the site appears to be close to or on the bedrock approximately a minus eight foot depth, the excavation filled with water before the water line was exposed. Backfill over the water line is debris laden we also observed a buried topsoil layer on this side of the site. (See attached photo.) TREC decided that they would look for other areas of the site to continue removal work.



COPIES TO:

FIELD REPORT

SIGNED

FOUNDATION DESIGN, P.C. 335 Colfax Street Rochester, New York 14606-3107 PHONE (585) 458-0824 FAX (585) 458-3323	Date: 2-7-12	Job No: 3446.1	Report No: 16
	Project: Photech Imaging Site, 1000 Driving Park Ave		
	Contractor: TREC Environmental	Owner: City of Rochester	
	Weather: Cloudy	Temp: 35° 8:00 AM 35° 3:00 PM	
TO: LaBella Associates, P.C. 300 State Street Suite 201 Rochester, New York 14614 Attn: Mr. Dennis Porter	Present at Site: Mike Pelychaty, Dennis Porter – LaBella Assoc. Steve Stockmaster -TREC Jay Goggin – Foundation Design Joe Biondolillo, Dennis Peck – City of Rochester		
THE FOLLOWING WAS NOTED: 1. I was on site to observe earthwork operations pipe removal and backfill. 2. Due to soil conditions it was determined that TREC should import the remaining stockpiled material approved for the project from Elam Sand and Gravel, 100cy plus or minus, they will start this operation tomorrow. No earthwork was conducted today.			
COPIES TO:	FIELD REPORT SIGNED 		



FOUNDATION DESIGN, P.C.**335 Colfax Street
Rochester, New York 14606-3107**PHONE (585) 458-0824
FAX (585) 458-3323Date:
2-8-12Job No:
3446.1Report No:
17Project:
Phototech Imaging Site, 1000 Driving Park AveContractor:
TREC EnvironmentalOwner:
City of RochesterWeather:
CloudyTemp: 25° 10:00 AM
30° 3:30 PM

TO:

LaBella Associates, P.C.
300 State Street
Suite 201
Rochester, New York 14614
Attn: Mr. Dennis PorterPresent at Site:
Mike Pelychaty – LaBella Assoc.
Steve Stockmaster -TREC
Jay Goggin – Foundation Design
Dennis Peck – City of Rochester

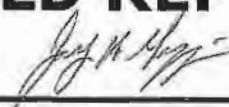
THE FOLLOWING WAS NOTED:

1. I was on site to observe earthwork operations pipe removal and backfill.
2. TREC started to place fill this afternoon. TREC placed imported material this afternoon for backfill approximately 80' north of the old tunnel removed and backfilled during phase I of this project. Density testing indicated that the material was achieving 95% compaction about 3% wet of optimum moisture.
3. I am scheduled to drive to Elams West Bloomfield pit in the morning to pick up a sample of bank run material for proctor testing as TREC will not be on site until about 11 A.M.

COPIES TO:

FIELD REPORT

SIGNED



FOUNDATION DESIGN, P.C.**335 Colfax Street
Rochester, New York 14606-3107**PHONE (585) 458-0824
FAX (585) 458-3323Date:
2-9-12Job No:
3446.1Report No:
18Project:
Photech Imaging Site, 1000 Driving Park AveContractor:
TREC EnvironmentalOwner:
City of RochesterWeather:
CloudyTemp: 25° 10:00 AM
30° 3:30 PM

TO:

LaBella Associates, P.C.
300 State Street
Suite 201
Rochester, New York 14614
Attn: Mr. Dennis Porter

Present at Site:

Mike Pelychaty – LaBella Assoc.
Steve Stockmaster -TREC
Jay Goggin – Foundation Design
Dennis Peck – City of Rochester
Dan - CME

THE FOLLOWING WAS NOTED:

1. I was on site to observe earthwork operations pipe removal and backfill.
2. TREC continued to place backfill this afternoon approximately 60 north of the old tunnel today. Excavation/removal today extended to the bedrock surface to remove soft saturated soil. TREC placed about 3' of pea stone to get above the water table. This material was capped with imported material before placement of onsite soil. In-place density ranged from 90 to 95%.
3. I picked up the sample for proctor testing as requested by LaBella and the City of Rochester today and delivered the sample to CME for testing.

COPIES TO:

FIELD REPORT

SIGNED



FOUNDATION DESIGN, P.C.**335 Colfax Street
Rochester, New York 14606-3107**

PHONE (585) 458-0824

FAX (585) 458-3323

Date:
2-10-12Job No:
3446.1Report No:
19Project:
Photech Imaging Site, 1000 Driving Park AveContractor:
TREC EnvironmentalOwner:
City of RochesterWeather:
CloudyTemp: 35° 7:30 AM
30° 3:30 PM

TO:

LaBella Associates, P.C.
300 State Street
Suite 201
Rochester, New York 14614
Attn: Mr. Dennis Porter

Present at Site:

Seth Davis, Dennis Porter – LaBella Assoc.
Steve Stockmaster -TREC
Jay Goggin, Jeff Netzbund – Foundation Design
Joe Biondolillo, Dennis Peck – City of Rochester
Dan, Brain - CME

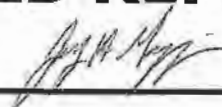
THE FOLLOWING WAS NOTED:


1. I was on site to observe earthwork operations pipe removal and backfill. TREC continued to place fill this today.
2. TREC placed on-site pipe excavated material today. Density testing indicated that the material was achieving 90% to 94% compaction about 3% to 5% wet of optimum moisture. TREC has completed backfill placement on the first 160' of pipe excavation between the swales.
3. TREC plans to continue pipe removal Monday.

COPIES TO:

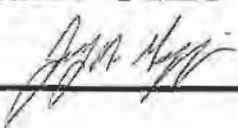
FIELD REPORT

SIGNED

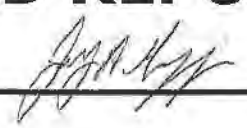


FOUNDATION DESIGN, P.C. 335 Colfax Street Rochester, New York 14606-3107 PHONE (585) 458-0824 FAX (585) 458-3323	Date: 2-13-12	Job No: 3446.1	Report No: 20
	Project: Photech Imaging Site, 1000 Driving Park Ave		
	Contractor: TREC Environmental	Owner: City of Rochester	
	Weather: Sunny windy	Temp: 25° 7:30 AM 45° 3:30 PM	
TO: LaBella Associates, P.C. 300 State Street Suite 201 Rochester, New York 14614 Attn: Mr. Dennis Porter	Present at Site: Seth Davis, Dennis Porter – LaBella Assoc. Steve Stockmaster -TREC Jay Goggin – Foundation Design Dennis Peck – City of Rochester Mark L. - CME		
THE FOLLOWING WAS NOTED: <ol style="list-style-type: none"> 1. I was on site to observe earthwork operations pipe removal and backfill. TREC completed pipe removal to the old tunnel excavation today. 2. TREC separated material as it was excavated placing saturated soil in a separate pile. They also separated recycled concrete place as backfill of the tunnel separate from soil. Heavy water flow was encountered when today's excavation reached the deeper portion of the tunnel removed during phase I. 3. TREC placed pea stone and imported Elam Sand and Gravel to start fill placement today. They continued to place excavated material today starting with the recycled concrete and then soil. In-place density testing ranged from 92% to 95%. They will complete backfill of this section tomorrow before continuing pipe removal to the east tomorrow. 			
COPIES TO:	FIELD REPORT SIGNED 		

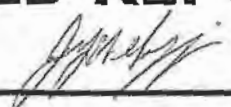


FOUNDATION DESIGN, P.C. 335 Colfax Street Rochester, New York 14606-3107 PHONE (585) 458-0824 FAX (585) 458-3323	Date: 2-14-12	Job No: 3446.1	Report No: 21
	Project: Photech Imaging Site, 1000 Driving Park Ave		
	Contractor: TREC Environmental	Owner: City of Rochester	
	Weather: Sunny windy	Temp: 25° 7:30 AM 45° 3:30 PM	
TO: LaBella Associates, P.C. 300 State Street Suite 201 Rochester, New York 14614 Attn: Mr. Dennis Porter	Present at Site: Seth Davis, Dennis Porter – LaBella Assoc. Steve Stockmaster -TREC Jay Goggin – Foundation Design Dennis Peck – City of Rochester Mark L. - CME		
THE FOLLOWING WAS NOTED: 1. I was on site to observe earthwork operations pipe removal and backfill. TREC worked on backfill between the swales today. 2. TREC completed all but at the interface where they headed east for additional water line running towards old building 10. TREC encountered a section of building 10 footing that had not been removed during phase I. They removed the piping from under the footing to the end in side of building 10 today. An earth dam was placed at the end of the day due to water in both sections of the excavation. These sections will be backfilled by the end of the day tomorrow. (See attached sketch for pipe removed today)			
COPIES TO:		FIELD REPORT SIGNED 	



FOUNDATION DESIGN, P.C. 335 Colfax Street Rochester, New York 14606-3107 PHONE (585) 458-0824 FAX (585) 458-3323	Date: 2-15-12	Job No: 3446.1	Report No: 22
	Project: Photech Imaging Site, 1000 Driving Park Ave		
	Contractor: TREC Environmental	Owner: City of Rochester	
	Weather: Sunny windy	Temp: 25° 7:30 AM 45° 3:30 PM	
TO: LaBella Associates, P.C. 300 State Street Suite 201 Rochester, New York 14614 Attn: Mr. Dennis Porter	Present at Site: Seth Davis, Dennis Porter – LaBella Assoc. Steve Stockmaster -TREC Jay Goggin – Foundation Design Dennis Peck – City of Rochester Mark L. – CME		
THE FOLLOWING WAS NOTED: 1. I was on site to observe earthwork operations pipe removal and backfill. TREC worked on backfill between the swales today. 2. TREC pulled the section of footing that was left/missed during phase I of this project. Trec completed backfill in the main section of the water line removed between the swales today. They also completed the section into building 10. 3. TREC placed pea stone and imported Elam Sand and Gravel to start fill placement in the section going to the east into old building 10. The remainder of the excavation was backfilled with onsite excavated material. In-place density testing indicated that a minimum of 90% was achieved as agreed upon with the City of Rochester.			
COPIES TO:		FIELD REPORT SIGNED 	



FOUNDATION DESIGN, P.C. 335 Colfax Street Rochester, New York 14606-3107 PHONE (585) 458-0824 FAX (585) 458-3323	Date: 2-16-12	Job No: 3446.1	Report No: 23
	Project: Photech Imaging Site, 1000 Driving Park Ave		
	Contractor: TREC Environmental	Owner: City of Rochester	
	Weather: Cloudy	Temp: 25° 7:30 AM 45° 3:30 PM	
TO: LaBella Associates, P.C. 300 State Street Suite 201 Rochester, New York 14614 Attn: Mr. Dennis Porter	Present at Site: Seth Davis, Dennis Porter – LaBella Assoc. Steve Stockmaster -TREC Jay Goggin – Foundation Design Dennis Peck – City of Rochester Pete - CME		
<p>THE FOLLOWING WAS NOTED:</p> <ol style="list-style-type: none"> 1. I was on site to observe earthwork operations pipe removal and backfill. TREC worked on removing water mains starting at the edge of AOC 2 working north. TREC excavated about 60' of trench to remove the water mains today. 2. TREC placed material excavated during pipe removal to backfill today's excavation. In-place density testing indicated that the minimum of 90% was not being achieved due to high moisture content. The material was stable under trench roller traffic and the roller was not leaving cut marks. CME took a confirmation proctor sample today on the material being placed. 3. I reviewed compaction results/condition with Joe and it was determined that it would be better to backfill the excavation using peak the gauge method rather than leaving the excavation open as rain and snow are forecasted overnight. 4. TREC completed backfill of the trench today. (See attached sketch for pipe removed today) 			
COPIES TO:	FIELD REPORT SIGNED 		



FOUNDATION DESIGN, P.C.**335 Colfax Street
Rochester, New York 14606-3107**

PHONE (585) 458-0824

FAX (585) 458-3323

Date:
2-17-12Job No:
3446.1Report No:
24Project:
Photech Imaging Site, 1000 Driving Park AveContractor:
TREC EnvironmentalOwner:
City of RochesterWeather:
Mostly CloudyTemp: 25° 7:30 AM
45° 3:30 PM

TO:

LaBella Associates, P.C.
300 State Street
Suite 201
Rochester, New York 14614
Attn: Mr. Dennis PorterPresent at Site:
Seth Davis, Dennis Porter – LaBella Assoc.
Steve Stockmaster -TREC
Jay Goggin – Foundation Design
Dennis Peck – City of Rochester
Pete - CME

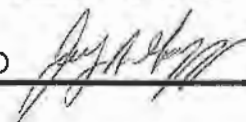
THE FOLLOWING WAS NOTED:

1. I was on site to observe earthwork operations pipe removal and backfill. TREC spent the morning and early afternoon excavating test pits looking for additional pipes along the east property line today. They did not encounter any pipes today, test pits were backfilled upon completion.

COPIES TO:

FIELD REPORT

SIGNED



FOUNDATION DESIGN, P.C.**335 Colfax Street
Rochester, New York 14606-3107**

PHONE (585) 458-0824

FAX (585) 458-3323

Date:
2-20-12Job No:
3446.1Report No:
25Project:
Phototech Imaging Site, 1000 Driving Park AveContractor:
TREC EnvironmentalOwner:
City of Rochester

Weather:

Temp: ° 7:30 AM
° 3:30 PM

TO:

LaBella Associates, P.C.
300 State Street
Suite 201
Rochester, New York 14614
Attn: Mr. Dennis Porter

Present at Site:

Seth Davis, Dennis Porter – LaBella Assoc.
Steve Stockmaster -TREC


THE FOLLOWING WAS NOTED:


1. TREC was performing operations that did not require structural backfill/foundation design presence.

COPIES TO:

FIELD REPORT

SIGNED

FOUNDATION DESIGN, P.C. 335 Colfax Street Rochester, New York 14606-3107 PHONE (585) 458-0824 FAX (585) 458-3323	Date: 2-21-12	Job No: 3446.1	Report No: 26
	Project: Photech Imaging Site, 1000 Driving Park Ave		
	Contractor: TREC Environmental	Owner: City of Rochester	
	Weather: Mostly Cloudy	Temp: 25° 7:30 AM 45° 3:30 PM	
TO: LaBella Associates, P.C. 300 State Street Suite 201 Rochester, New York 14614 Attn: Mr. Dennis Porter	Present at Site: Seth Davis, Dennis Porter – LaBella Assoc. Steve Stockmaster -TREC Jay Goggin – Foundation Design Dennis Peck – City of Rochester Mark - CME		
THE FOLLOWING WAS NOTED: 1. I was on site to observe earthwork operations. 2. TREC was dewatering AOC #2. They pumped to within 2 feet of the bottom of excavation by 11 am. The pea gravel that was on site was placed in the excavation. Additional pea stone will be required to fill above the water level. 3. Pea stone and Elam sand are scheduled for tomorrow.			
COPIES TO:		FIELD REPORT SIGNED 	

FOUNDATION DESIGN, P.C. 335 Colfax Street Rochester, New York 14606-3107 PHONE (585) 458-0824 FAX (585) 458-3323	Date: 2-22-12	Job No: 3446.1	Report No: 27
	Project: Phototech Imaging Site, 1000 Driving Park Ave		
	Contractor: TREC Environmental	Owner: City of Rochester	
	Weather: Partly Cloudy	Temp: 35° 7:30 AM 45° 3:30 PM	
TO: LaBella Associates, P.C. 300 State Street Suite 201 Rochester, New York 14614 Attn: Mr. Dennis Porter	Present at Site: Seth Davis, Dennis Porter – LaBella Assoc. Steve Stockmaster -TREC Shawn Allen - Foundation Design		
<p>THE FOLLOWING WAS NOTED:</p> <ol style="list-style-type: none"> 1. I was on site to observe earthwork operations. 2. TREC was importing pea stone for placement within AOC #2. The water level within the excavation rose about 6 inches over night. By midday the pea stone was 4 to 6 inches above the water level. TREC was going to stockpile additional pea stone in the event that the water level continues to rise. 3. A 15 to 20 foot pipe section was removed west of AOC 3A. The pipe was 2 to 3 feet below the ground surface. The trench was backfilled with earth fill mixed with recycled concrete and crusher-run. No proctor was available on the material. We observed the backfill and compaction of the trench line. 			
COPIES TO:	FIELD REPORT SIGNED 		

FOUNDATION DESIGN, P.C.**335 Colfax Street
Rochester, New York 14606-3107**PHONE (585) 458-0824
FAX (585) 458-3323Date:
2-23-12Job No:
3446.1Report No:
28Project:
Photech Imaging Site, 1000 Driving Park AveContractor:
TREC EnvironmentalOwner:
City of RochesterWeather:
Mostly CloudyTemp: 25° 7:30 AM
45° 3:30 PM

TO:

LaBella Associates, P.C.
300 State Street
Suite 201
Rochester, New York 14614
Attn: Mr. Dennis PorterPresent at Site:
Seth Davis, Dennis Porter – LaBella Assoc.
Steve Stockmaster -TREC
Jay Goggin – Foundation Design
Dennis Peck – City of Rochester
Mark - CME

THE FOLLOWING WAS NOTED:

1. I was on site to observe earthwork operations. TREC worked on removing the structural fill overburden, placed during phase I of the project, in area AOC 7. This material was placed in area AOC 2 as backfill.
2. CME was on site today to conduct density testing on material placed in area AOC 2. In-place density testing indicated that 95% compaction, or greater, was achieved on material placed today. TREC was within $3'\pm$ of interim grades of AOC 2 at the end of the day. They will complete backfill of AOC 2 tomorrow.

COPIES TO:

FIELD REPORT

SIGNED



FOUNDATION DESIGN, P.C.**335 Colfax Street
Rochester, New York 14606-3107**

PHONE (585) 458-0824

FAX (585) 458-3323

Date:
2-24-12Job No:
3446.1Report No:
29Project:
Photech Imaging Site, 1000 Driving Park AveContractor:
TREC EnvironmentalOwner:
City of RochesterWeather:
Mostly CloudyTemp: 25° 7:30 AM
45° 3:30 PM

TO:

LaBella Associates, P.C.
300 State Street
Suite 201
Rochester, New York 14614
Attn: Mr. Dennis PorterPresent at Site:
Seth Davis, Dennis Porter – LaBella Assoc.
Steve Stockmaster -TREC
Jay Goggin – Foundation Design
Dennis Peck – City of Rochester
Mark - CME

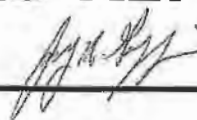
THE FOLLOWING WAS NOTED:


1. I was on site to observe earthwork operations. TREC continued worked on removing the structural fill overburden, placed during phase I of the project, in area AOC 7. This material was placed in area AOC 2 as backfill.
2. CME was on site today to conduct density testing on material placed in area AOC 2. In-place density testing indicated that 95% compaction, or greater, was achieved on material placed today to with in 1'± of interim grade. The last foot of material placed in AOC 2 was clean spoils removed from AOC 2, no compaction testing was conducted on the final lift of material.

COPIES TO:

FIELD REPORT

SIGNED



FOUNDATION DESIGN, P.C. 335 Colfax Street Rochester, New York 14606-3107 PHONE (585) 458-0824 FAX (585) 458-3323	Date: 2-27-12	Job No: 3446.1	Report No: 30
	Project: Photech Imaging Site, 1000 Driving Park Ave		
	Contractor: TREC Environmental	Owner: City of Rochester	
	Weather: Mostly Cloudy	Temp: 30° 7:30 AM 48° 3:30 PM	
TO: LaBella Associates, P.C. 300 State Street Suite 201 Rochester, New York 14614 Attn: Mr. Dennis Porter	Present at Site: Seth Davis, Dennis Porter – LaBella Assoc. Steve Stockmaster -TREC Jay Goggin – Foundation Design Pete – CME		
<p>THE FOLLOWING WAS NOTED:</p> <ol style="list-style-type: none"> 1. I was on site to observe earthwork operations. TREC worked on removing storm sewer and drop inlets on the north end of the site. 2. TREC removed about 100' storm sewer working from east to west today. TREC was unable to locate the drop inlet on the east side of the site, Joe Blondolillo informed us that he remembered the east inlet being remove in the past. 3. Storm sewer removed today was generally less than three-feet below existing grades. Soil overburden above the storm sewer were a mix of non-structural fills placed in phase one and during past construction/grading of the site. CME was on-site and conducted in-place density testing for uniformity of compaction of the backfill of the excavation. (See attached sketch for pipe removed today) 			
COPIES TO:	FIELD REPORT SIGNED 		

(Handwritten initials)

FOUNDATION DESIGN, P.C.**335 Colfax Street
Rochester, New York 14606-3107**

PHONE (585) 458-0824

FAX (585) 458-3323

Date:
2-28-12Job No:
3446.1Report No:
31Project:
Photech Imaging Site, 1000 Driving Park AveContractor:
TREC EnvironmentalOwner:
City of RochesterWeather:
Mostly CloudyTemp: 30° 7:30 AM
48° 3:30 PMTO:
LaBella Associates, P.C.
300 State Street
Suite 201
Rochester, New York 14614
Attn: Mr. Dennis PorterPresent at Site:
Seth Davis, Dennis Porter – LaBella Assoc.
Steve Stockmaster -TREC
Jay Goggin – Foundation Design

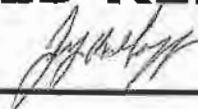
THE FOLLOWING WAS NOTED:

1. I was on site to observe earthwork operations. TREC worked on removing storm sewer and drop inlets on the north end of the site.
2. TREC removed the western drop in-let on the west side of the site today and 40'± of perforated pavement underdrain today. The underdrain was running north from the western in-let along the edge of existing pavement being removed as part of this project. It was determined that due to the soil matrix, topsoil, crushed concrete with debris from the crushing operations in phase I and the shallow excavation, less than 3' no compaction testing was required today. The excavation bottom was within a foot of anticipated grades in this area. The excavation was backfilled and compactive effort was applied with at least four passes with a walk behind trench roller.

COPIES TO:

FIELD REPORT

SIGNED



FOUNDATION DESIGN, P.C.**335 Colfax Street
Rochester, New York 14606-3107**

PHONE (585) 458-0824

FAX (585) 458-3323

Date:
2-29-12Job No:
3446.1Report No:
32Project:
Photech Imaging Site, 1000 Driving Park AveContractor:
TREC EnvironmentalOwner:
City of RochesterWeather:
Mostly CloudyTemp: 30° 7:30 AM
48° 3:30 PMTO:
LaBella Associates, P.C.
300 State Street
Suite 201
Rochester, New York 14614
Attn: Mr. Dennis PorterPresent at Site:
Seth Davis, Dennis Porter – LaBella Assoc.
Steve Stockmaster -TREC
Jay Goggin – Foundation Design

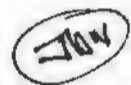
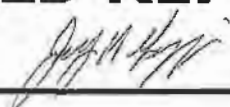
THE FOLLOWING WAS NOTED:

1. I was on site to observe earthwork operations. TREC worked on excavating AOC 7 today. They anticipated exploration to locate pipes, water, storm sewer, and requested that I remain on site to visually check soil conditions of materials encountered. No exploration was conducted.

COPIES TO:

FIELD REPORT

SIGNED



FOUNDATION DESIGN, P.C.**335 Colfax Street
Rochester, New York 14606-3107**

PHONE (585) 458-0824

FAX (585) 458-3323

Date:
3-1-12Job No:
3446.1Report No:
33Project:
Photech Imaging Site, 1000 Driving Park AveContractor:
TREC EnvironmentalOwner:
City of RochesterWeather:
Mostly CloudyTemp: 30° 7:30 AM
48° 3:30 PM

TO:

LaBella Associates, P.C.
300 State Street
Suite 201
Rochester, New York 14614
Attn: Mr. Dennis Porter

Present at Site:

Seth Davis, Dennis Porter – LaBella Assoc.
Steve Stockmaster -TREC
Jay Goggin – Foundation Design

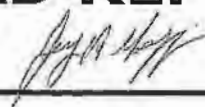
THE FOLLOWING WAS NOTED:

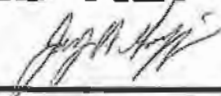
1. I was on site to observe earthwork operations. TREC work on exploration around piping to define oil impacted soils. It was hoped that they would remove piping in the afternoon test pitting to define oil impact took more time that anticipated.

COPIES TO:

FIELD REPORT

SIGNED



FOUNDATION DESIGN, P.C. 335 Colfax Street Rochester, New York 14606-3107 PHONE (585) 458-0824 FAX (585) 458-3323	Date: 3-5-12	Job No: 3446.1	Report No: 34
	Project: Photech Imaging Site, 1000 Driving Park Ave		
	Contractor: TREC Environmental	Owner: City of Rochester	
	Weather: Mostly Cloudy	Temp: 15° 7:30 AM 25° 3:30 PM	
TO: LaBella Associates, P.C. 300 State Street Suite 201 Rochester, New York 14614 Attn: Mr. Dennis Porter	Present at Site: Seth Davis – LaBella Assoc. Steve Stockmaster -TREC Jay Goggin – Foundation Design Mark – CME		
<p>THE FOLLOWING WAS NOTED:</p> <ol style="list-style-type: none"> 1. I was on site to observe earthwork operations. TREC continued pipe removal today. 2. TREC removed sanitary sewer on the south end of the site today. The section of sanitary sewer removed today was encountered during water main removal on 2-16-12. TREC backfilled today's excavation in sections as excavation progressed. In-place density testing on soil excavated and placed as backfill was not achieving 90% compaction similar to the water main removed in this area. I observed loader traffic on the fill placed for the waterline without rutting or pumping. Conditions were reviewed with LaBella and the City of Rochester and the area is acceptable due to observed conditions of the backfills stability. The final lift was compacted with a 12ton vibratory roller and I did not observe movement under this load. (See attached sketch for pipe removed today) 			
COPIES TO:	FIELD REPORT SIGNED 		



FOUNDATION DESIGN, P.C.**335 Colfax Street
Rochester, New York 14606-3107**

PHONE (585) 458-0824

FAX (585) 458-3323

Date:
3-6-12Job No:
3446.1Report No:
35Project:
Photech Imaging Site, 1000 Driving Park AveContractor:
TREC EnvironmentalOwner:
City of RochesterWeather:
Partly CloudyTemp: 40° 7:30 AM
60° 3:30 PM

TO:

LaBella Associates, P.C.
300 State Street
Suite 201
Rochester, New York 14614
Attn: Mr. Dennis PorterPresent at Site:
Seth Davis – LaBella Assoc.
Steve Stockmaster -TREC
Jay Goggin – Foundation Design
Brain - CME

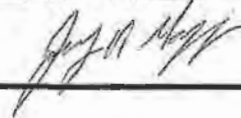
THE FOLLOWING WAS NOTED:

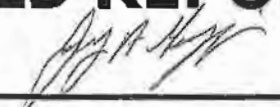
1. I was on site to observe earthwork operations. TREC continued water main removal today.
2. TREC continued to remove water main working north from where they left off on 2-16-12. During today's work TREC encountered a clay tile pipe that was draining water into the excavation, the water is thought to be coming from the manhole that is being removed on the east side of the site as part of this project. The portion of the excavation with the clay tile will be backfilled during removal of the tile later in the week.
3. The remaining water main was backfilled this afternoon with soil excavate during removal. In-place density testing generally ranged from 90%-92% compaction depending on the moisture content of the soil, generally 3-5% above optimum moisture content. This is in line with the agreed minimum of 90% compaction with the City of Rochester due to the time of year and high moisture content of the soil encountered. (See attached sketch for pipe removed today)

COPIES TO:

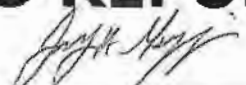
FIELD REPORT

SIGNED




FOUNDATION DESIGN, P.C. 335 Colfax Street Rochester, New York 14606-3107 PHONE (585) 458-0824 FAX (585) 458-3323	Date: 3-7-12	Job No: 3446.1	Report No: 36
	Project: Photech Imaging Site, 1000 Driving Park Ave		
	Contractor: TREC Environmental	Owner: City of Rochester	
	Weather: Partly Cloudy	Temp: 40° 7:30 AM 60° 3:30 PM	
TO: LaBella Associates, P.C. 300 State Street Suite 201 Rochester, New York 14614 Attn: Mr. Dennis Porter	Present at Site: Seth Davis – LaBella Assoc. Steve Stockmaster -TREC Jay Goggin – Foundation Design Brain - CME		
<p>THE FOLLOWING WAS NOTED:</p> <ol style="list-style-type: none"> 1. I was on site to observe earthwork operations. TREC continued pipe removal today, completing removal of the two water mains in the middle of the site, running from AOC 2 to old building 12. 2. TREC continued to remove water main working north from where they left off on 3-6-12. In-place density testing generally ranged from 90%-92% compaction depending on the moisture content of the soil, generally 3-5% above optimum moisture content. This is in line with the agreed minimum of 90% compaction with the City of Rochester due to the time of year and high moisture content of the soil encountered. (See attached sketch for pipe removed today) 			
COPIES TO:	<div style="text-align: center;"> FIELD REPORT SIGNED  </div>		

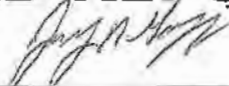


FOUNDATION DESIGN, P.C. 335 Colfax Street Rochester, New York 14606-3107 PHONE (585) 458-0824 FAX (585) 458-3323	Date: 3-8-12	Job No: 3446.1	Report No: 37
	Project: Photech Imaging Site, 1000 Driving Park Ave		
	Contractor: TREC Environmental	Owner: City of Rochester	
	Weather: Partly Cloudy	Temp: 50° 7:30 AM 37° 3:30 PM	
TO: LaBella Associates, P.C. 300 State Street Suite 201 Rochester, New York 14614 Attn: Mr. Dennis Porter	Present at Site: Seth Davis – LaBella Assoc. Steve Stockmaster -TREC Jay Goggin – Foundation Design		
<p>THE FOLLOWING WAS NOTED:</p> <p>1. I was on site to observe earthwork operations. TREC removed shallow sanitary sewer in the middle of the site today. The bottom of today's pipe removal excavation was with in about one-foot of interim grades for the site. Today's excavation was backfilled and compactive effort applied with 4 passes of a trench roller. (See attached sketch for pipe removed today)</p>			
COPIES TO:	FIELD REPORT SIGNED 		

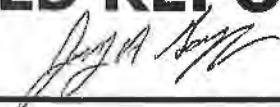


FOUNDATION DESIGN, P.C. 335 Colfax Street Rochester, New York 14606-3107 PHONE (585) 458-0824 FAX (585) 458-3323	Date: 3-9-12	Job No: 3446.1	Report No: 38
	Project: Photech Imaging Site, 1000 Driving Park Ave		
	Contractor: TREC Environmental	Owner: City of Rochester	
	Weather: Cloudy, snow	Temp: 24° 7:30 AM 37° 3:30 PM	
TO: LaBella Associates, P.C. 300 State Street Suite 201 Rochester, New York 14614 Attn: Mr. Dennis Porter	Present at Site: Seth Davis - LaBella Assoc. Steve Stockmaster -TREC Jay Goggin - Foundation Design Brain - CME		
THE FOLLOWING WAS NOTED: 1. I was on site to observe earthwork operations. TREC removed the clay tile encountered on 3-6-12 today. 2. Today's excavation was backfilled with on site soils excavated during pipe removal. In-place density testing indicated that 90 to 95% compaction was achieved on backfilled placed today. In-place density varied with moisture content. Density testing was conducted until fill had reached within about 12" of interim grades. (See attached sketch for pipe removed today)			
COPIES TO:		FIELD REPORT SIGNED 	



FOUNDATION DESIGN, P.C. 335 Colfax Street Rochester, New York 14606-3107 PHONE (585) 458-0824 FAX (585) 458-3323	Date: 3-12-12		Job No: 3446.1	Report No: 39
	Project: Photech Imaging Site, 1000 Driving Park Ave			
	Contractor: TREC Environmental		Owner: City of Rochester	
	Weather: Mostly Cloudy		Temp: 40° 7:30 AM 68° 4:30 PM	
TO: LaBella Associates, P.C. 300 State Street Suite 201 Rochester, New York 14614 Attn: Mr. Dennis Porter	Present at Site: Seth Davis – LaBella Assoc. Steve Stockmaster -TREC Jay Goggin – Foundation Design Pete - CME			
<p>THE FOLLOWING WAS NOTED:</p> <ol style="list-style-type: none"> 1. I was on site to observe earthwork operations. TREC started backfill of AOC 7 today. 2. TREC pump ground water from the excavation except in the deeper portions of the before starting fill placement. TREC placed 2 - 3' of pea stone on the bottom of AOC 7 to start fill placement above the remaining water. The pea stone was knuckled into place during placement. TREC placed filter fabric on top of the pea stone before soil placement. 3. TREC placed the remaining Elam material, about 10cy, and clean overburden stockpiled during excavation of AOC 7 as backfill today. CME conducted in-place density testing on the three lifts of material placed after compactive effort was applied with a smooth drum vibrator roller. In-place density ranged from 90 to 95%, 2-5% wet of optimum moisture content. Visually material placed today was relatively stabile under construction traffic. 4. TREC worked late today to use up the stockpiled material from excavation of AOC -7 during the start of the fourth lift the loader got a flat tire. TREC covered the remaining material, about enough to complete the forth lift, with plastic as rain if forecasted over night and in the morning. 				
COPIES TO:		FIELD REPORT SIGNED 		



FOUNDATION DESIGN, P.C. 335 Colfax Street Rochester, New York 14606-3107 PHONE (585) 458-0824 FAX (585) 458-3323	Date: 3-13-12	Job No: 3446.1	Report No: 40
	Project: Phototech Imaging Site, 1000 Driving Park Ave		
	Contractor: TREC Environmental	Owner: City of Rochester	
	Weather: Mostly Cloudy	Temp: 45° 7:30 AM ° PM	
TO: LaBella Associates, P.C. 300 State Street Suite 201 Rochester, New York 14614 Attn: Mr. Dennis Porter	Present at Site: Seth Davis – LaBella Assoc. Steve Stockmaster -TREC Jay Goggin – Foundation Design		
THE FOLLOWING WAS NOTED: 1. I was on site to observe earthwork operations. TREC decided that due to rain overnight and forecasted today that they would not continue backfill at this time late this morning.			
COPIES TO:	FIELD REPORT SIGNED 		



FOUNDATION DESIGN, P.C.**335 Colfax Street
Rochester, New York 14606-3107**

PHONE (585) 458-0824

FAX (585) 458-3323

Date:
3-14-12Job No:
3446.1Report No:
41Project:
Photech Imaging Site, 1000 Driving Park AveContractor:
TREC EnvironmentalOwner:
City of RochesterWeather:
SunnyTemp: 45° 7:30 AM
60° 3:30 PM

TO:

LaBella Associates, P.C.
300 State Street
Suite 201
Rochester, New York 14614
Attn: Mr. Dennis PorterPresent at Site:
Seth Davis, Dennis Porter – LaBella Assoc.
Steve Stockmaster -TREC
Jay Goggin – Foundation Design
Bob D. – CME
Joe Biondolillo – City of Rochester

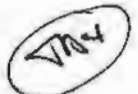
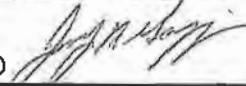
THE FOLLOWING WAS NOTED:

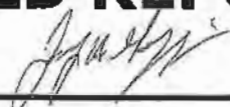
1. I was on site to observe earthwork operations. TREC continued to place backfill in AOC 7.
2. TREC placed an additional lift of material in AOC-7 this morning. In-place density testing on material placed today ranged from 92 to 95% compact 2 to 5% above optimum moisture content. TREC worked on drying additional material that had been stockpiled over the winter that had become too wet to achieve minimum acceptable compaction, 90%.
3. Joe and Dennis were on site today and we reviewed site material available for fill placement, both cut and stockpiled. Based on current interim grade it does not appear that there is enough soil in cuts or stockpiled to complete backfill of AOC-7, and additional area AOC-14. It was determined that TREC should import two-feet of Elam for placement in AOC-7 before additional site soil is placed in AOC-7.
4. TREC planned to start importing this afternoon but were not able to get trucks to import.

COPIES TO:

FIELD REPORT

SIGNED



FOUNDATION DESIGN, P.C. 335 Colfax Street Rochester, New York 14606-3107 PHONE (585) 458-0824 FAX (585) 458-3323	Date: 3-15-12	Job No: 3446.1	Report No: 42
TO: LaBella Associates, P.C. 300 State Street Suite 201 Rochester, New York 14614 Attn: Mr. Dennis Porter	Project: Photech Imaging Site, 1000 Driving Park Ave		
	Contractor: TREC Environmental	Owner: City of Rochester	
	Weather: Partly Sunny	Temp: 45° 7:30 AM 75° 3:30 PM	
Present at Site: Seth Davis, Dennis Porter – LaBella Assoc. Steve Stockmaster -TREC Jay Goggin, Shawn Allen – Foundation Design Brian M. – CME Joe Biondolillo – City of Rochester			
<p>THE FOLLOWING WAS NOTED:</p> <ol style="list-style-type: none"> 1. I was on site to observe earthwork operations. TREC imported fill from Elam Sand & Gravel to continue backfill placement in AOC 7. 2. TREC placed an additional lift of material in AOC-7 this morning. In-place density testing on material imported did not achieve compaction requirements. Testing indicated that the material was less than 90% compact. Visually the material did not look consistent with material sampled on February 9, 2012. It was decided that CME would take a sample for proctor testing on the material being delivered to the site. Today in-place density will be checked against the new proctor value. 3. Mike Capri, Riccelli Trucking, stopped by the site to ask his drivers where the material being delivered to the site was being loaded in the pit from. He was informed that it was coming from a screened stockpile not directly from the bank. He called the pit, who had a change in operator, who did not realize that he should be taking from the bank. They switched to hauling material from the bank. 4. TREC placed the bank run lift of material this afternoon with the understanding that the first lift may have to be exposed and retested once the proctor is established. In-place density testing was conducted on material placed this afternoon but it did not achieve compaction requirements because of low moisture content. The top lift will be retested in the morning as rain is forecasted overnight. 			
COPIES TO:		FIELD REPORT SIGNED 	



FOUNDATION DESIGN, P.C.**335 Colfax Street
Rochester, New York 14606-3107**

PHONE (585) 458-0824

FAX (585) 458-3323

Date:
3-16-12Job No:
3446.1Report No:
43Project:
Photech Imaging Site, 1000 Driving Park AveContractor:
TREC EnvironmentalOwner:
City of RochesterWeather:
CloudyTemp: 55° 7:30 AM
60° 12:00 PM

TO:

LaBella Associates, P.C.
300 State Street
Suite 201
Rochester, New York 14614
Attn: Mr. Dennis Porter

Present at Site:

Seth Davis, Dennis Porter – LaBella Assoc.
Steve Stockmaster -TREC
Jay Goggin, Shawn Allen – Foundation Design
Brain M. – CME

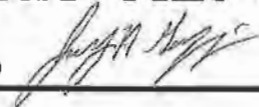
THE FOLLOWING WAS NOTED:


1. I was on site to observe earthwork operations.
2. TREC applied compactive effort to the top lift of material placed yesterday afternoon. In-place density testing indicated that the material placed was only achieving 90% compaction with near optimum moisture content, this peak was consistent with additional compactive effort and testing. This indicates that the material in the bank has likely changed. After reviewing testing with LaBella CME took a sample of the bank run sand and gravel for proctor testing.

COPIES TO:


FIELD REPORT

SIGNED




FOUNDATION DESIGN, P.C. 335 Colfax Street Rochester, New York 14606-3107 PHONE (585) 458-0824 FAX (585) 458-3323	Date: 3-19-12	Job No: 3446.1	Report No: 44
	Project: Photech Imaging Site, 1000 Driving Park Ave		
	Contractor: TREC Environmental	Owner: City of Rochester	
	Weather: Sunny	Temp: 55° 8:00 AM 75° 3:00 PM	
TO: LaBella Associates, P.C. 300 State Street Suite 201 Rochester, New York 14614 Attn: Mr. Dennis Porter	Present at Site: Seth Davis, Dennis Porter – LaBella Assoc. Steve Stockmaster -TREC Shawn Allen – Foundation Design Brain M. – CME		
THE FOLLOWING WAS NOTED: 1. I was on site to observe earthwork operations. 2. Last week TREC had placed and compacted to lifts of imported sand within AOC 7. The product was variable and differed from the material that had been brought on site in the past. Two proctors were taken on the fill material. The two lifts met the compaction requirement of 95% for imported fill. 3. TREC placed two additional lifts of on site stockpiled soil in AOC 7. Compaction results on the material were between 90% and 93%. The moisture content of the lifts was between 10% and 12%. Aeration was required on the second lift due to high moisture content. 4. TREC plans on continuing placement of the remaining on site material tomorrow.			
COPIES TO:		FIELD REPORT SIGNED 	

504

FOUNDATION DESIGN, P.C. 335 Colfax Street Rochester, New York 14606-3107 PHONE (585) 458-0824 FAX (585) 458-3323	Date: 3-20-12	Job No: 3446.1	Report No: 45
	Project: Photech Imaging Site, 1000 Driving Park Ave		
	Contractor: TREC Environmental	Owner: City of Rochester	
	Weather: Sunny	Temp: 55° 8:00 AM 79° 3:00 PM	
TO: LaBella Associates, P.C. 300 State Street Suite 201 Rochester, New York 14614 Attn: Mr. Dennis Porter	Present at Site: Seth Davis, Dennis Porter – LaBella Assoc. Steve Stockmaster -TREC Shawn Allen – Foundation Design Brain M. – CME		
THE FOLLOWING WAS NOTED: <ol style="list-style-type: none"> 1. I was on site to observe earthwork operations. 2. TREC placed the remaining stockpiled soil within AOC 7. 2 lifts were placed, aerated, compacted and tested. Test results were between 90% and 93%. A partial lift was placed at the end of the day. Testing of this material is scheduled for tomorrow morning. 			
COPIES TO:	FIELD REPORT SIGNED 		



FOUNDATION DESIGN, P.C. 335 Colfax Street Rochester, New York 14606-3107 PHONE (585) 458-0824 FAX (585) 458-3323	Date: 3-21-12	Job No: 3446.1	Report No: 46
	Project: Photech Imaging Site, 1000 Driving Park Ave		
	Contractor: TREC Environmental	Owner: City of Rochester	
	Weather: Sunny	Temp: 60° 8:00 AM 80° 12:00 AM	
TO: LaBella Associates, P.C. 300 State Street Suite 201 Rochester, New York 14614 Attn: Mr. Dennis Porter	Present at Site: Seth Davis, Dennis Porter – LaBella Assoc. Steve Stockmaster -TREC Shawn Allen – Foundation Design		
THE FOLLOWING WAS NOTED: <ol style="list-style-type: none"> 1. I was on site to observe earthwork operations. 2. Compaction testing was performed on the partial lift placed in AOC 7 yesterday. Some of the material was wet and required additional drying. The current course of action is to fill AOC 7 so is drains to the south. We estimate that one more lift of material will be required to achieve this. 3. Currently the stock pile of on site soil has been depleted. Additional fill is available from the knob west of AOC 7. Steve said they would have a bulldozer on site next week to cut this material. This material can be used for the last lift in AOC 7 and to fill AOC 14. 4. Pipe removal is tentatively scheduled for tomorrow. 			
COPIES TO:	FIELD REPORT SIGNED 		



FOUNDATION DESIGN, P.C.**335 Colfax Street
Rochester, New York 14606-3107**

PHONE (585) 458-0824

FAX (585) 458-3323

Date:
3-22-12Job No:
3446.1Report No:
47Project:
Photech Imaging Site, 1000 Driving Park AveContractor:
TREC EnvironmentalOwner:
City of RochesterWeather:
SunnyTemp: 60° 8:00 AM
80° 12:00 AM

TO:

LaBella Associates, P.C.
300 State Street
Suite 201
Rochester, New York 14614
Attn: Mr. Dennis Porter

Present at Site:

Seth Davis, Dennis Porter – LaBella Assoc.
Steve Stockmaster -TREC
Shawn Allen – Foundation Design

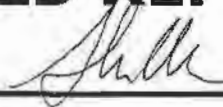
THE FOLLOWING WAS NOTED:

1. I was on site to observe earthwork operations.
2. TREC started excavation of AOC 14. Backfill on this excavation is not scheduled until next week.
3. Pipe removal operations we resume next week after AOC 14 has been delineated.

COPIES TO:

FIELD REPORT

SIGNED



FOUNDATION DESIGN, P.C.**335 Colfax Street
Rochester, New York 14606-3107**

PHONE (585) 458-0824

FAX (585) 458-3323

Date:
3-26-12Job No:
3446.1Report No:
48Project:
Photech Imaging Site, 1000 Driving Park AveContractor:
TREC EnvironmentalOwner:
City of RochesterWeather:
SunnyTemp: 45° 7:30 AM
55° 3:30 AM

TO:

LaBella Associates, P.C.
300 State Street
Suite 201
Rochester, New York 14614
Attn: Mr. Dennis Porter

Present at Site:

Seth Davis, Dennis Porter – LaBella Assoc.
Steve Stockmaster -TREC
Shawn Allen – Foundation Design

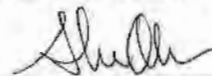
THE FOLLOWING WAS NOTED:

1. I made a site visit to observe earthwork operations.
2. TREC was removing 10 inch cast storm line. A portion of the pipe is located within the proposed road easement (road easement is 60 feet wide). TREC attempted backfill this portion with the on site soil. They were unable to achieve 95% compaction with the on site material due to high moisture content.
3. Authorization for importing Elam sand was approved for beneath the proposed roadway.

COPIES TO:

FIELD REPORT

SIGNED



FOUNDATION DESIGN, P.C.**335 Colfax Street
Rochester, New York 14606-3107**

PHONE (585) 458-0824

FAX (585) 458-3323

Date:
3-27-12Job No:
3446.1Report No:
49Project:
Photech Imaging Site, 1000 Driving Park AveContractor:
TREC EnvironmentalOwner:
City of RochesterWeather:
P. CloudyTemp: 45° 7:00 AM
55° 3:30 AM

TO:

LaBella Associates, P.C.
300 State Street
Suite 201
Rochester, New York 14614
Attn: Mr. Dennis PorterPresent at Site:
Seth Davis, Dennis Porter – LaBella Assoc.
Steve Stockmaster -TREC
Shawn Allen – Foundation Design
Joe Biondolillo – City of Rochester

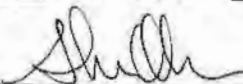
THE FOLLOWING WAS NOTED:

1. I was on site to observe earthwork operations.
2. TREC was importing sand from Elam to backfill the storm line trench that was opened on Monday. After repeated effort they were unable to meet 95% compaction. A sample of the sand fill was collected by CME to perform a proctor. Proctor results are scheduled for Friday.
3. The remaining excavation out side the proposed road footprint was backfilled with on site material. Compaction test results were above 90% compaction.

COPIES TO:

FIELD REPORT

SIGNED



FOUNDATION DESIGN, P.C.**335 Colfax Street
Rochester, New York 14606-3107**

PHONE (585) 458-0824

FAX (585) 458-3323

Date:
3-28-12Job No:
3446.1Report No:
50Project:
Photech Imaging Site, 1000 Driving Park AveContractor:
TREC EnvironmentalOwner:
City of RochesterWeather:
SunnyTemp: 45° 7:00 AM
50° 3:30 AM

TO:

LaBella Associates, P.C.
300 State Street
Suite 201
Rochester, New York 14614
Attn: Mr. Dennis PorterPresent at Site:
Seth Davis, Dennis Porter – LaBella Assoc.
Steve Stockmaster -TREC
Shawn Allen – Foundation Design

THE FOLLOWING WAS NOTED:

1. I was on site to observe earthwork operations.
2. TREC continued storm water line removal from the in place power pole to within twenty feet of the man hole. The excavation was backfilled with on site soil and compacted to 90%.
3. The water line located on the south side of the site is scheduled for removal tomorrow.

COPIES TO:

FIELD REPORT

SIGNED



FOUNDATION DESIGN, P.C.**335 Colfax Street
Rochester, New York 14606-3107**

PHONE (585) 458-0824

FAX (585) 458-3323

Date:
3-29-12Job No:
3446.1Report No:
51Project:
Photech Imaging Site, 1000 Driving Park AveContractor:
TREC EnvironmentalOwner:
City of RochesterWeather:
SunnyTemp: 50° 7:00 AM
60° 3:30 AMTO:
LaBella Associates, P.C.
300 State Street
Suite 201
Rochester, New York 14614
Attn: Mr. Dennis PorterPresent at Site:
Seth Davis, Dennis Porter – LaBella Assoc.
Steve Stockmaster -TREC
Shawn Allen – Foundation Design
Joe Biondolillo – City of Rochester
Brian - CME

THE FOLLOWING WAS NOTED:

1. I was on site to observe earthwork operations.
2. TREC removed the water line from the south side of the site. The trench was partially backfilled with on site soil consisting of mixed fill, topsoil, and native clayey silt. Compaction tests were above 90%. The material used for backfill is similar to what was observed in the trench banks.
3. Back fill operations are scheduled to continue tomorrow.

COPIES TO:

FIELD REPORT

SIGNED



FOUNDATION DESIGN, P.C.**335 Colfax Street
Rochester, New York 14606-3107**

PHONE (585) 458-0824

FAX (585) 458-3323

Date:
3-30-12Job No:
3446.1Report No:
52Project:
Photech Imaging Site, 1000 Driving Park AveContractor:
TREC EnvironmentalOwner:
City of RochesterWeather:
SunnyTemp: 45° 7:00 AM
55° 3:30 AM

TO:

LaBella Associates, P.C.
300 State Street
Suite 201
Rochester, New York 14614
Attn: Mr. Dennis PorterPresent at Site:
Seth Davis, Dennis Porter – LaBella Assoc.
Steve Stockmaster -TREC
Shawn Allen – Foundation Design
Pete - CME

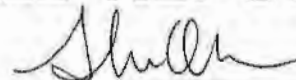
THE FOLLOWING WAS NOTED:

1. I was on site to observe earthwork operations.
2. TREC backfilled the rest of the water trench. Compaction tests were above 90%.
3. Midmorning TREC started backfilling the portion of the storm line (see report 48) located in the proposed roadway. The area was backfilled with imported sand from Elam. 95% compaction was achieved on this material.
4. The portion of this pipe located near the existing power pole is scheduled for Monday.

COPIES TO:

FIELD REPORT

SIGNED



FOUNDATION DESIGN, P.C.**335 Colfax Street
Rochester, New York 14606-3107**

PHONE (585) 458-0824

FAX (585) 458-3323

Date:
4-2-12Job No:
3446.1Report No:
53Project:
Photech Imaging Site, 1000 Driving Park AveContractor:
TREC EnvironmentalOwner:
City of RochesterWeather:
SunnyTemp: 45° 7:00 AM
55° 3:30 PM

TO:

LaBella Associates, P.C.
300 State Street
Suite 201
Rochester, New York 14614
Attn: Mr. Dennis Porter

Present at Site:

Seth Davis, Dennis Porter – LaBella Assoc.
Steve Stockmaster -TREC
Shawn Allen – Foundation Design
Dan - CME
Joe Biondolillo – City of Rochester

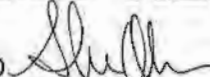
THE FOLLOWING WAS NOTED:

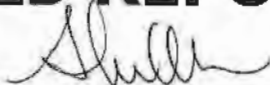
1. I was on site to observe earthwork operations.
2. TREC removed and backfilled the pipe/trench near the power pole with on site soil. Material was wet of optimum for compaction. 90% compaction was achieved on the backfill.
3. TREC is scheduled to remove utility lines near the southwest manhole tomorrow.

COPIES TO:

FIELD REPORT

SIGNED



FOUNDATION DESIGN, P.C. 335 Colfax Street Rochester, New York 14606-3107 PHONE (585) 458-0824 FAX (585) 458-3323	Date: 4-3-12	Job No: 3446.1	Report No: 54
	Project: Photech Imaging Site, 1000 Driving Park Ave		
	Contractor: TREC Environmental	Owner: City of Rochester	
	Weather: Sunny	Temp: 45° 7:30 AM 55° 3:00 AM	
TO: LaBella Associates, P.C. 300 State Street Suite 201 Rochester, New York 14614 Attn: Mr. Dennis Porter	Present at Site: Seth Davis, Dennis Porter – LaBella Assoc. Steve Stockmaster -TREC Shawn Allen – Foundation Design Pete - CME Joe Biondolillo – City of Rochester		
THE FOLLOWING WAS NOTED: <ol style="list-style-type: none"> 1. I was on site to observe earthwork operations. 2. TREC removed the remaining portions of 4 utilities (2 cast iron, 1 steel, and 1 clay tile) emanating from the southwest manhole. A portion of the excavation extended down to bedrock. The trenches were in close proximity and were widened to accommodate the roller. Backfill operations on this trench are scheduled for tomorrow. 			
COPIES TO:	FIELD REPORT SIGNED 		



FOUNDATION DESIGN, P.C.**335 Colfax Street
Rochester, New York 14606-3107**

PHONE (585) 458-0824

FAX (585) 458-3323

Date:
4-4-12Job No:
3446.1Report No:
55Project:
Photech Imaging Site, 1000 Driving Park AveContractor:
TREC EnvironmentalOwner:
City of RochesterWeather:
SunnyTemp: 40° 7:30 AM
50° 3:30 AM

TO:

LaBella Associates, P.C.
300 State Street
Suite 201
Rochester, New York 14614
Attn: Mr. Dennis PorterPresent at Site:
Seth Davis, Dennis Porter – LaBella Assoc.
Steve Stockmaster -TREC
Shawn Allen – Foundation Design
Pete - CME
Joe Biondolillo – City of Rochester

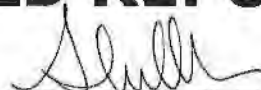
THE FOLLOWING WAS NOTED:

1. I was on site to observe earthwork operations.
2. TREC was backfilling the utility trench that was excavated yesterday. They were using the spoils from the trench excavation for backfill. Compaction test results were above 90% on the trench backfill.
3. TREC is scheduled to remove the manhole and adjacent storm line tomorrow.

COPIES TO:

FIELD REPORT

SIGNED



FOUNDATION DESIGN, P.C.**335 Colfax Street
Rochester, New York 14606-3107**

PHONE (585) 458-0824

FAX (585) 458-3323

Date:
4-5-12Job No:
3446.1Report No:
56Project:
Photech Imaging Site, 1000 Driving Park AveContractor:
TREC EnvironmentalOwner:
City of RochesterWeather:
SunnyTemp: 40° 7:30 AM
45° 3:30 AM

TO:

LaBella Associates, P.C.
300 State Street
Suite 201
Rochester, New York 14614
Attn: Mr. Dennis Porter

Present at Site:

Seth Davis, Dennis Porter – LaBella Assoc.
Steve Stockmaster -TREC
Shawn Allen – Foundation Design
Pete - CME
Joe Biondolillo – City of Rochester

THE FOLLOWING WAS NOTED:


1. I was on site to observe earthwork operations.
2. TREC removed the south west man hole and the adjacent 20 foot section of the storm line. The excavation was backfilled with spoils from the trench removal and soil from the knob located in the central portion of the site. Compaction test results on the backfill were above 90%.
3. The remaining backfill operations for the site are limited to a section of clay tile off AOC 7, the temporary water line and possibly a portion of the storm line located on the west side of the site. We will coordinate part time observation of these operations with LaBella. Seth will coordinate compaction testing with CME.

COPIES TO:

FIELD REPORT

SIGNED



FOUNDATION DESIGN, P.C. 335 Colfax Street Rochester, New York 14606-3107 PHONE (585) 458-0824 FAX (585) 458-3323	Date: 4-6-12	Job No: 3446.1	Report No: 57
	Project: Photech Imaging Site, 1000 Driving Park Ave		
	Contractor: TREC Environmental	Owner: City of Rochester	
	Weather: Sunny	Temp: 40° 9:45 AM ° AM	
TO: LaBella Associates, P.C. 300 State Street Suite 201 Rochester, New York 14614 Attn: Mr. Dennis Porter	Present at Site: Seth Davis— LaBella Assoc. Steve Stockmaster -TREC Jeff Netzband – Foundation Design		
THE FOLLOWING WAS NOTED: <ol style="list-style-type: none"> 1. I was on site to observe earthwork operations. 2. TREC removed the temporary water line prior to my arrival. They were in the process of backfilling the trench with excavation spoils. The soil appears dry and suitable for backfilling in this area. CME Associate is on-site to perform density testing on the material. 3. I reviewed the remaining work with Seth. He stated that our portion of the work is completed. No more daily site visits will be performed. Seth will call us to the site if working is being performed that requires our involvement. 			
COPIES TO:	FIELD REPORT SIGNED 		



**Foundation
Design, P.C.**

SOIL • BEDROCK • GROUNDWATER

APPENDIX B

CME Associates Testing



CME

Associates, Inc.

385 Sherman Street
Rochester, New York 14606
(585) 254-8740
(585) 254-1351 (Fax)
www.cmeassociates.com

Page 1 of 2

LABORATORY TEST REPORT

Project Title: Laboratory Testing, Phototech Imaging -- Rochester, NY **Report No.:** 36970L-02-0710
Client Name: LaBella Associates, P.C. **Date Sampled:** 07/20/10
Sampled By: A Representative of the Client **Date Completed:** 07/22/10

1) Material Identification (ASTM D-2488-Visual-Manual):

Sample ID	Material Classification	Unified Classification	Material Source	Proposed Use/Location
RL9439	Brown cmf SAND, little SILT, trace cmf GRAVEL	SM	Elam Sand & Gravel - West Bloomfield, NY	Not Specified

2) Mechanical Analysis (ASTM C-136, D-1140):

Percent Passing by Weight				
Sieve Size	RL9439			
2"	100			
1 1/2"	99			
1"	98			
3/4"	98			
1/2"	96			
3/8"	96			
1/4"	95			
No. 4	94			
No. 10	91			
No. 40	57			
No. 100	24			
No. 200 (wash)	14			

3) Moisture Density Relationship (ASTM D-1557, D-4718, C-127):

	RL9439			
Maximum Dry Density (pcf):	128.3			
Moisture Content (%):	8.4			
Procedure Used:	D-1557-C			
Preparation Method Used:	Moist			
As Received Water Content:	-			
Oversize Separation Sieve:	3/4"			
Percent Oversize Fraction by Weight:	2.5			
Specific Gravity of Oversize Portion:	N/A			

No project specifications were supplied. Materials should be reviewed by the appropriate Project Engineer for acceptance.

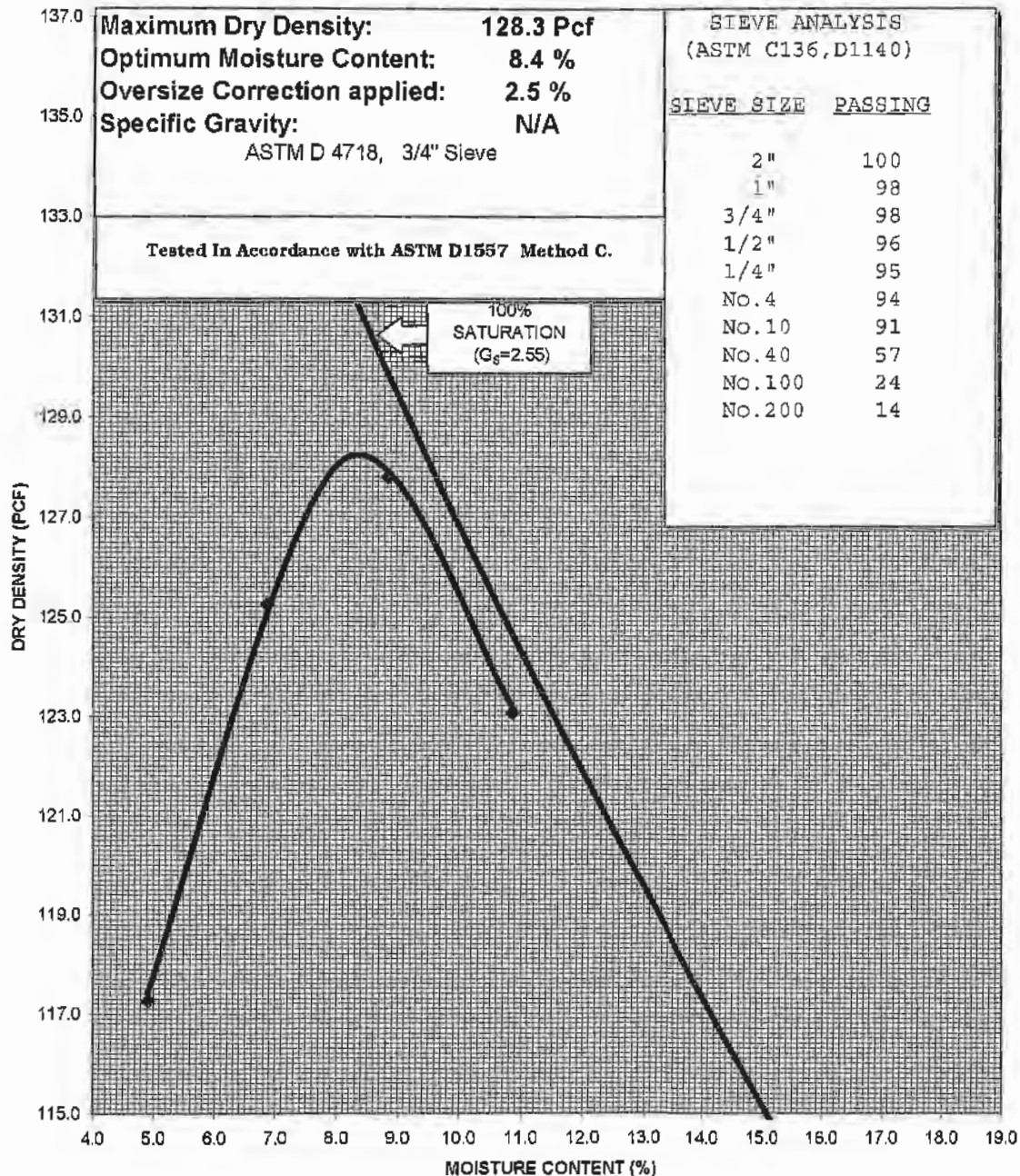
The Moisture Density Relationship Curve is attached. Please feel free to contact our office should you have any questions.

Respectfully submitted:
CME Associates, Inc.

E. Randall Holbrook
Senior Laboratory Technician

CLIENT:	LaBella Associates, P.C.	REPORT No.:	36970L-02-0710
PROJECT:	Laboratory Testing, Photech Imaging – Rochester, NY	SAMPLE No.:	RL9439
SAMPLE LOCATION:	Elam Sand & Gravel – West Bloomfield, NY	DATE SAMPLED:	07/20/10
SOIL CLASSIFICATION:	Brown cmf SAND, little SILT, trace cmf GRAVEL	PAGE:	2 of 2

MOISTURE-DENSITY RELATIONSHIP CURVE





CME

Associates, Inc.

385 Sherman Street
Rochester, New York 14606
(585) 254-8740
(585) 254-1351 (Fax)
www.cmeassociates.com

Page 1 of 4

LABORATORY TEST REPORT

Project Title: Laboratory Testing, Phototech Imaging –
Rochester, NY
Report No.: 36970L-03-0710
Client Name: LaBella Associates, P.C.
Date Delivered: 07/28/10
Delivered By: A Representative of the Client
Date Completed: 08/06/10

1) Material Identification (ASTM D-2488-Visual-Manual):

Sample ID	Material Classification	Unified Classification	Material Source	Proposed Use/Location
RL9449	Brown cmf SAND, and SILT/CLAY, some cmf GRAVEL	SM	Building 6,16 Northwest Corner	Mass Fill
RL9450	Brown SILT/CLAY, some cmf SAND, some cmf GRAVEL	SM	Building 6,7 Middle Slough Bank	Mass Fill
RL9451	Brown SILT/CLAY, some cmf SAND, some cmf GRAVEL	SM	Building 6,16 East Wall Middle	Mass Fill

2) Mechanical Analysis (ASTM C-136, D-1140):

Sieve Size	Percent Passing by Weight		
	RL9449	RL9450	RL9451
3"	100	100	100
2"	95	96	97
1"	90	92	91
3/4"	88	90	89
1/2"	85	86	85
3/8"	82	84	83
1/4"	81	81	79
No. 4	79	79	77
No. 10	75	74	72
No. 40	66	66	65
No. 100	49	59	56
No. 200 (wash)	39	50	46

3) Moisture Density Relationship (ASTM D-1557, D-4718, C-127):

	RL9449	RL9450	RL9451
Corrected Maximum Dry Density (pcf):	132.6	133.3	134.2
Corrected Moisture Content (%):	8.4	8.0	8.1
Procedure Used:	D-1557-B	D-1557-B	D-1557-B
Preparation Method Used:	Moist	Dry	Moist
As Received Water Content:	7.6%	-	4.8%
Oversize Separation Sieve:	3/8"	3/8"	3/8"
Percent Oversize Fraction by Weight:	17.6	16.0	17.3
Specific Gravity of Oversize Portion:	2.51	2.55	2.57

Materials should be reviewed by the appropriate Project Engineer for acceptance.

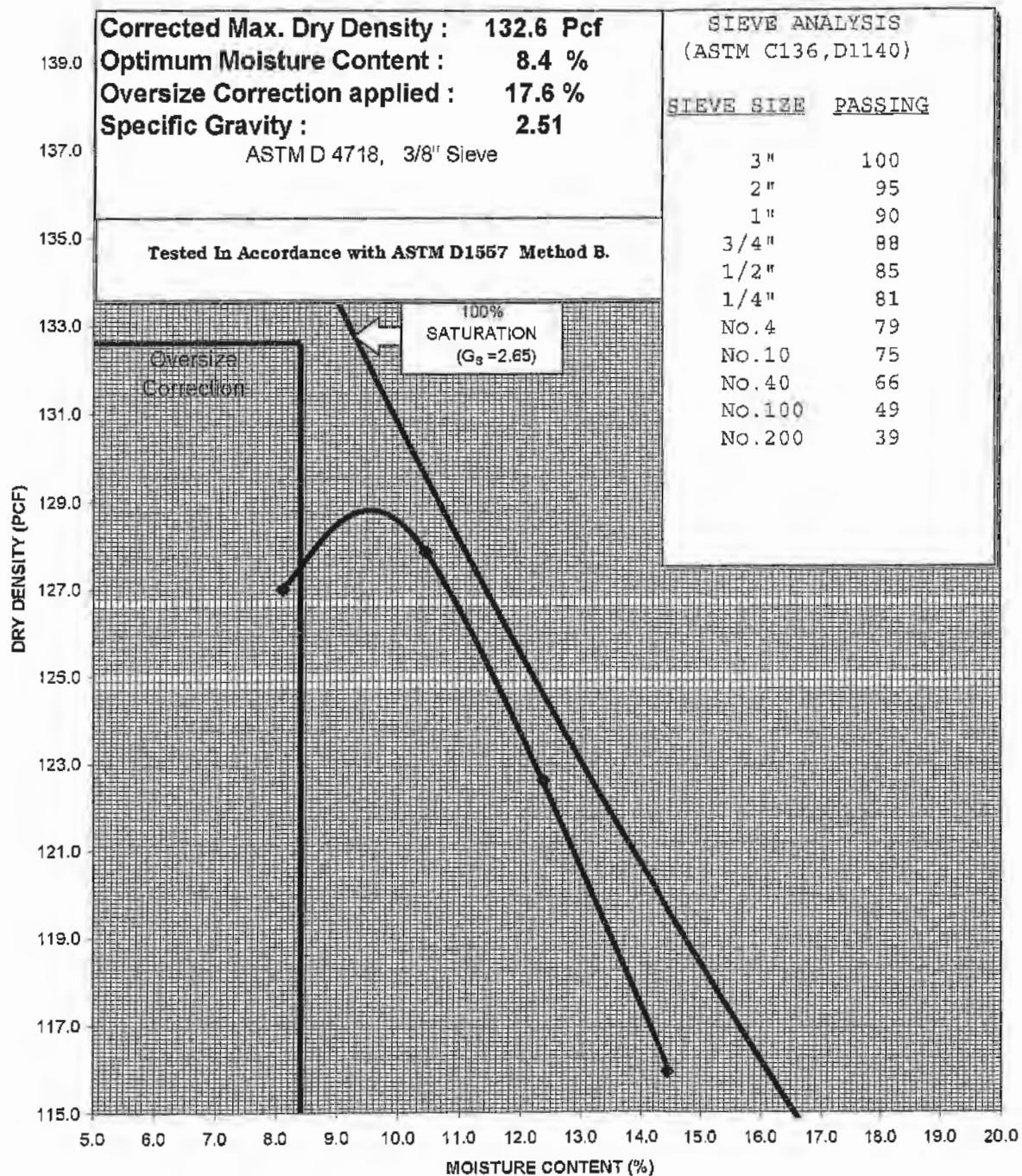
The Moisture Density Relationship Curve is attached. Please feel free to contact our office should you have any questions.

Respectfully submitted:
CME Associates, Inc.

E. Randall Holbrook
Senior Laboratory Technician

CLIENT:	LaBella Associates, P.C.	REPORT No.:	36970L-03-0710
PROJECT:	Laboratory Testing, Photech Imaging - Rochester, NY	SAMPLE No.:	RL9449
SAMPLE LOCATION:	Building 6, 16 Northwest Corner	DATE DELIVERED:	07/28/10
		PAGE:	2 of 4
SOIL CLASSIFICATION:	Brown cmf SAND, and SILT/CLAY, some cmf GRAVEL		

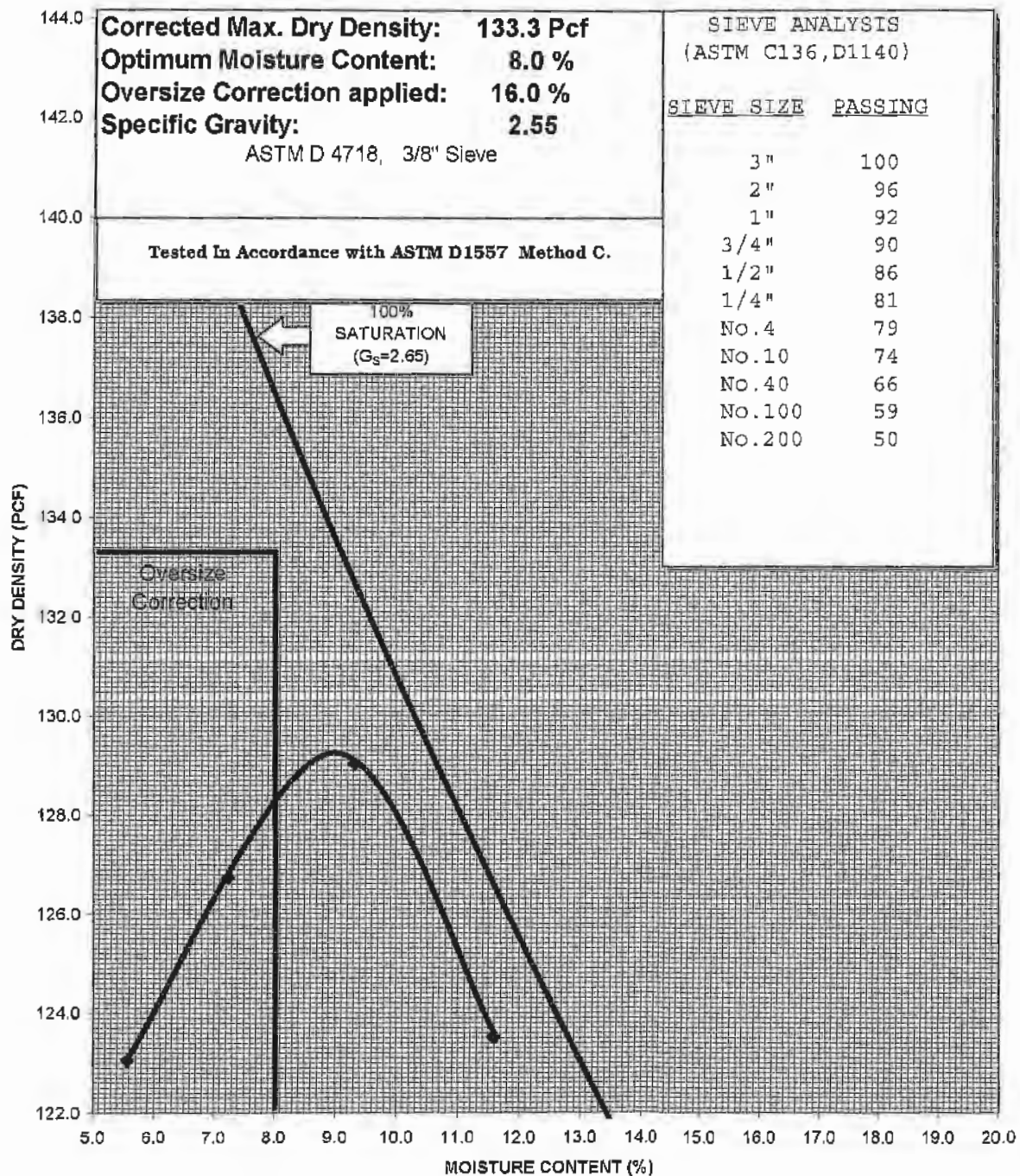
MOISTURE-DENSITY RELATIONSHIP CURVE





CLIENT:	LaBella Associates, P.C.	REPORT No.:	36970
PROJECT:	Laboratory Testing, Photech Imaging – Rochester, NY	SAMPLE No.:	RL9450
SAMPLE LOCATION:	Building 6,7 Middle Slough Bank	DATE DELIVERED:	07/28/10
		PAGE:	3 of 4
SOIL CLASSIFICATION:	Brown SILT/CLAY, some cmf SAND, some cmf GRAVEL		

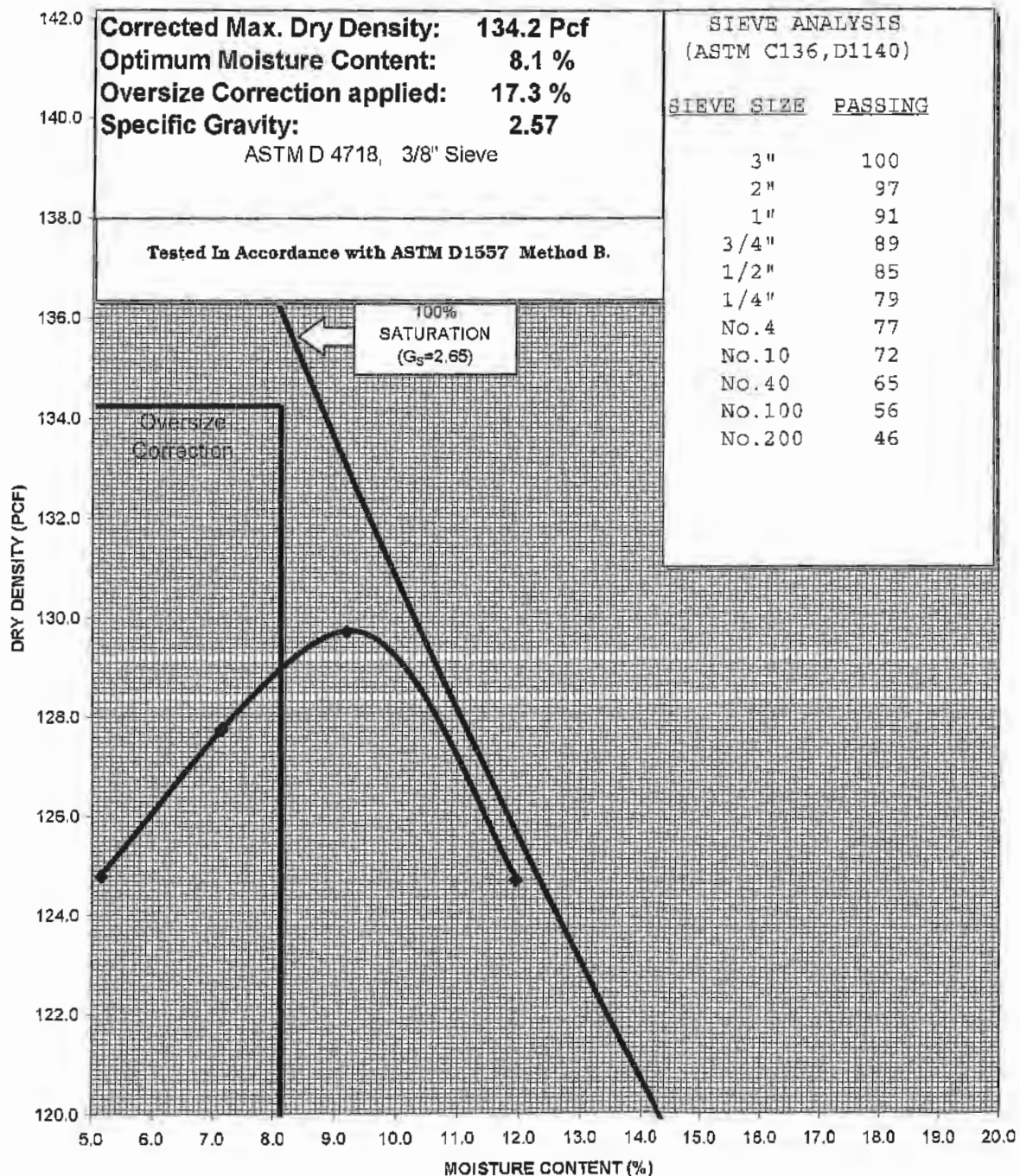
MOISTURE-DENSITY RELATIONSHIP CURVE

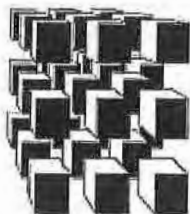




CLIENT:	LaBella Associates, P.C.	REPORT No.:	36970
PROJECT:	Laboratory Testing, Photech Imaging – Rochester, NY	SAMPLE No.:	RL9451
SAMPLE LOCATION:	Building 6, 16 East Wall Middle	DATE DELIVERED:	07/28/10
		PAGE:	4 of 4
SOIL CLASSIFICATION:	Brown SILT/CLAY, some cmf SAND, some cmf GRAVEL		

MOISTURE-DENSITY RELATIONSHIP CURVE





CME

Associates, Inc.

385 Sherman Street
Rochester, New York 14606
(585) 254-8740
(585) 254-1351 (Fax)
www.cmeassociates.com

Page 1 of 2

LABORATORY TEST REPORT

Project Title: Laboratory Testing, Photech Imaging – Rochester, NY
Client Name: LaBella Associates, P.C.
Sampled By: A Representative of Foundation Design
Report No.: 36970L-05-0810
Date Sampled: 08/16/10
Date Completed: 08/25/10

1) Material Identification (ASTM D-2488-Visual-Manual):

Sample ID	Material Classification	Unified Classification	Material Source	Proposed Use/Location
RL9474	Recycled Concrete	N/A	Crushed Onsite	Not Provided

2) Mechanical Analysis (ASTM C-136, D-1140):

Percent Passing by Weight				
Sieve Size	RL9474			
3"	100			
2"	96			
1"	80			
3/4"	71			
1/2"	58			
1/4"	43			
No. 4	38			
No. 10	30			
No. 40	19			
No. 100	13			
No. 200 (wash)	10			

3) Moisture Density Relationship (ASTM D-1557, D-4718, C-127):

	RL9474			
Corrected Maximum Dry Density (pcf):	127.8			
Corrected Moisture Content (%):	9.1			
Procedure Used:	D-1557-C			
Preparation Method Used:	Moist			
As Received Water Content:	7.8			
Oversize Separation Sieve:	3/4"			
Percent Oversize Fraction by Weight:	28.9%			
Specific Gravity of Oversize Portion:	2.30			
Organic Content	3.2%			

No project specifications were supplied. Materials should be reviewed by the appropriate Project Engineer for acceptance.

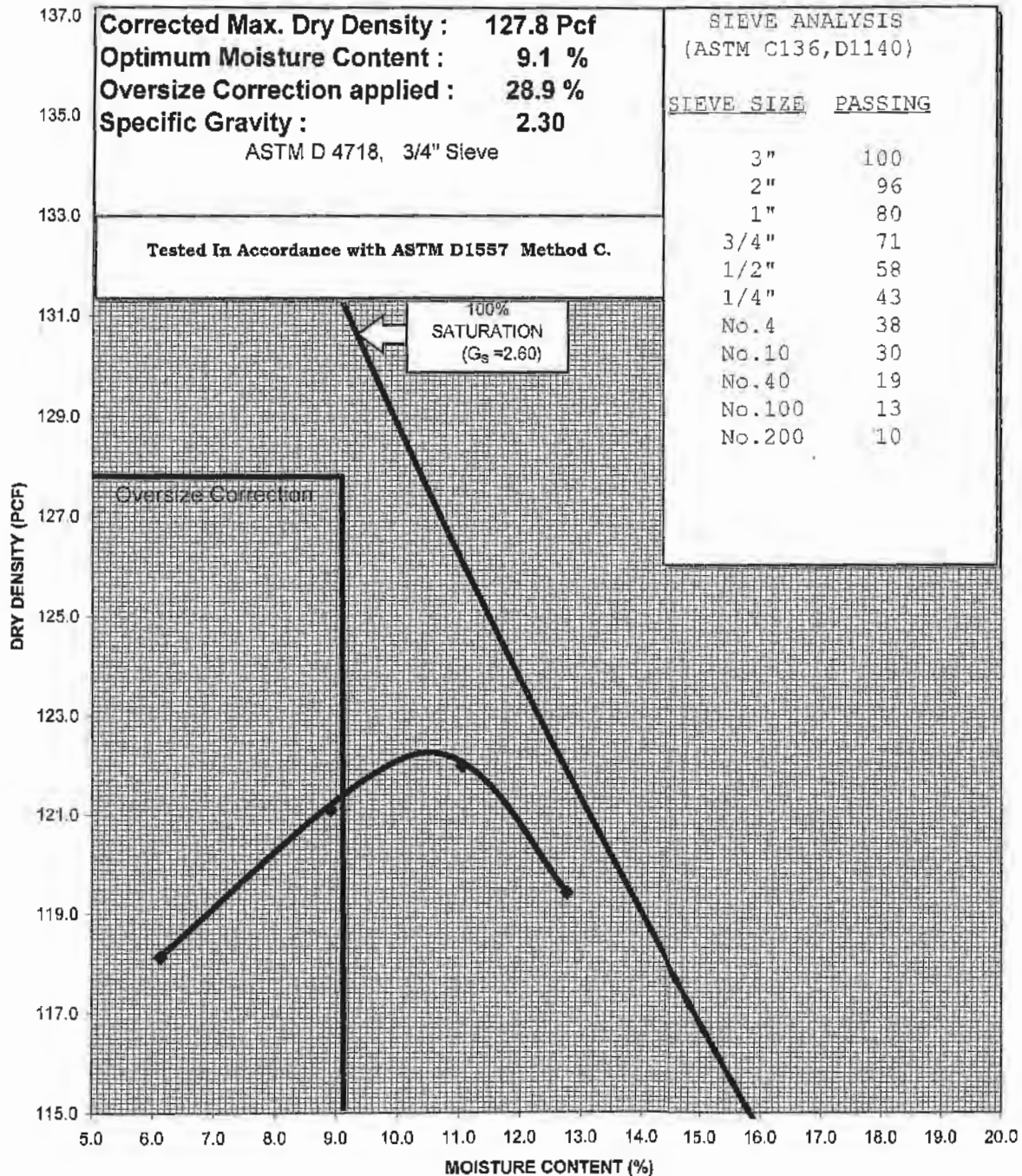
The Moisture Density Relationship Curve is attached. Please feel free to contact our office should you have any questions.

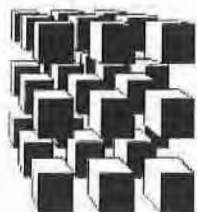
Respectfully submitted:
CME Associates, Inc.

E. Randall Holbrook
Senior Laboratory Technician

CLIENT:	LaBella Associates, P.C.	REPORT No.:	36970L-05-0810
PROJECT:	Laboratory Testing, Photech Imaging – Rochester, NY	SAMPLE No.:	RL9474
SAMPLE LOCATION:	Crushed Onsite	DATE PICKED UP:	08/16/10
SOIL CLASSIFICATION:	Recycled Concrete	PAGE:	2 of 2

MOISTURE-DENSITY RELATIONSHIP CURVE





LABORATORY TEST REPORT

Project Title: Laboratory Testing, Photech Imaging – Rochester, NY
Report No.: 36970L-08-0811
Client Name: LaBella Associates, P.C
Date Delivered: 08/10/11
Delivered By: A Representative of the Client
Date Completed: 08/24/11

1) Material Identification (ASTM D-2488-Visual-Manual):

Sample ID	Material Classification	Unified Classification	Material Source	Proposed Use/Location
RL9835	Brown SILT/CLAY, some cmf SAND, little cmf GRAVEL	ML	Onsite Excavated Material	Mass Fill

2) Mechanical Analysis (ASTM C-136, D-1140):

Percent Passing by Weight				
Sieve Size	RL9835			
2"	100			
1"	95			
3/4"	92			
1/2"	89			
1/4"	84			
No. 4	82			
No. 10	79			
No. 40	72			
No. 100	63			
No. 200 (wash)	54			

3) Moisture Density Relationship (ASTM D-1557, D-4718, C-127):

	RL9835			
Corrected Maximum Dry Density (pcf):	123.2			
Corrected Optimum Moisture Content (%):	9.7			
Procedure Used:	D-1557-B			
Preparation Method Used:	Moist			
As Received Water Content:	10.2%			
Oversize Separation Sieve:	3/8"			
Percent Oversize Fraction by Weight:	12.8			
Specific Gravity of Oversize Portion:	2.48			

No project specifications were supplied. Materials should be reviewed by the appropriate Project Engineer for acceptance.

The Moisture Density Relationship Curve is attached. Please feel free to contact our office should you have any questions.

Respectfully submitted:
CME Associates, Inc.

E. Randall Holbrook
Senior Laboratory Technician

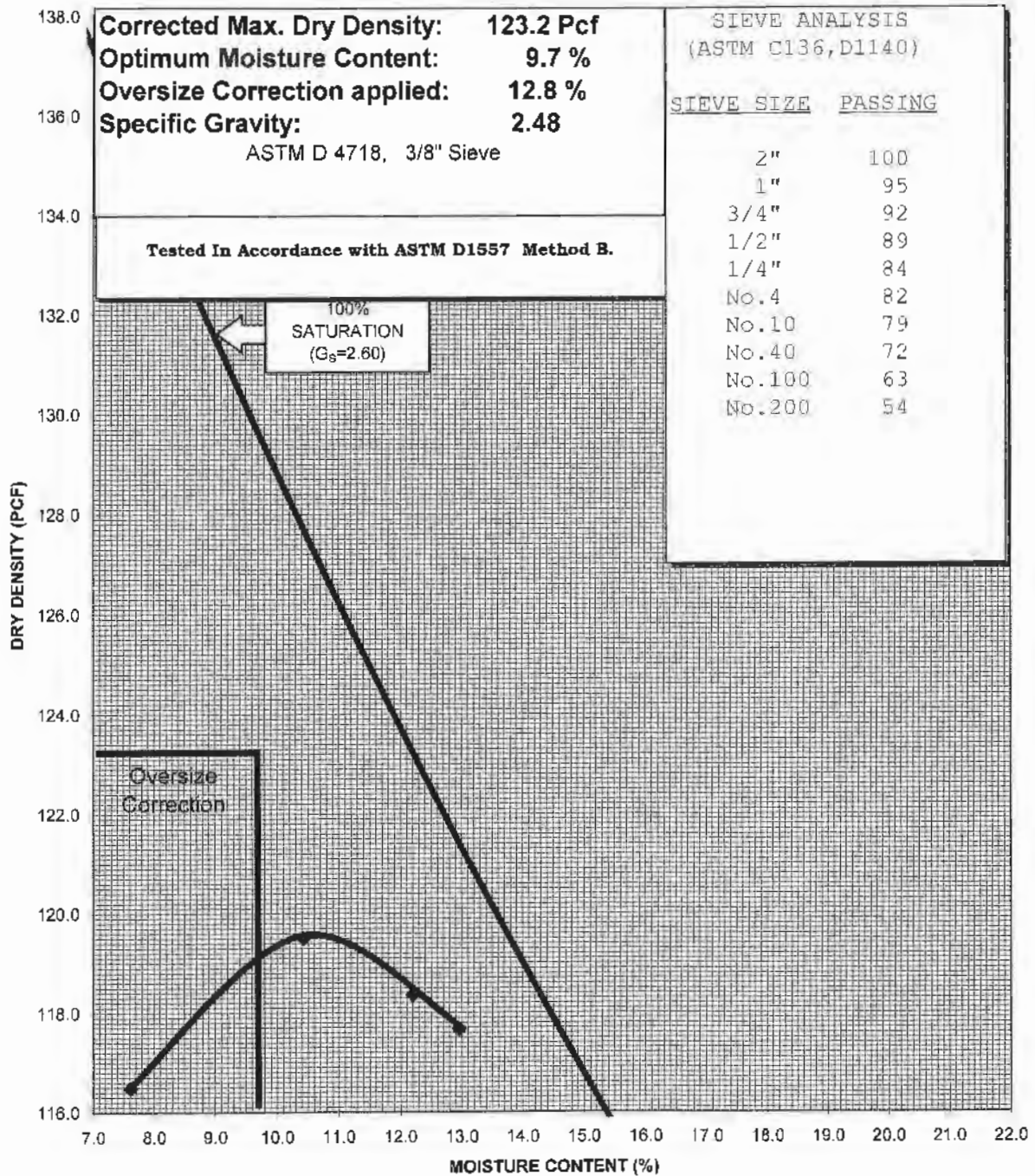
Setting the Blueprint for Quality and Customer Satisfaction



CME
Associates, Inc.

CLIENT:	LaBella Associates, P.C	REPORT No.:	36970L-08-0811
PROJECT:	Laboratory Testing, Photech Imaging – Rochester, NY	SAMPLE No.:	RL9835
SAMPLE LOCATION:	Onsite Stockpile of Excavated Material	DATE DELIV-ERED:	08/10/11
		PAGE:	2 of 2
SOIL CLASSIFICATION:	Brown SILT/CLAY, some cmf SAND, little cmf GRAVEL		

MOISTURE-DENSITY RELATIONSHIP CURVE





CME
Associates, Inc.

385 Sherman Street
Rochester, New York 14606
(585) 254-8740
(585) 254-1351 (Fax)
www.cmeassociates.com

Page 1 of 2

IN-PLACE FIELD DENSITY TEST REPORT

PROJECT:	Photech Imaging – Rochester, NY	DATE:	12/28/11
CLIENT:	LaBella Associates, P.C.	REPORT NO.:	37004S-18R-1211
TEST METHOD:	ASTM D6938-08a	REPRESENTATIVE:	P. Reynolds
MATERIAL TYPE/SOURCE:	Brown SILT/CLAY, some cmf SAND, little cmf GRAVEL / Onsite Excavated Material		
WEATHER:	Cloudy, snow	TEMPERATURE:	27 °F

REMARKS:

This representative was onsite at the above referenced project to conduct in place field density tests on the backfill for AOC-3A (Area of Concern-3A). A large BW211D-3 single vibratory drum roller was used for compaction.

The test results indicate that the required percentage of compaction was achieved at the locations and elevations shown below. Moisture content was more than 2% above optimum moisture content.

Jay Goggin with Foundation Design was informed of today's test results.

RESULTS:

Test #	Test Location	Test Elevation	Moisture Content (%)	OMC (%)	Field Dry Density (pcf)	190% Dry Density (pcf)	Compaction Achieved (%)	Compaction Required (%)
1	See Attached Sketch	487	15.6	9.1	111.0	123.2	90.1	90.0
2	See Attached Sketch	487	13.2	9.1	115.2	123.2	93.5	90.0
3	Retest #1	487	12.6	9.1	121.1	123.2	98.3	90.0
4	Retest #2	487	15.8	9.1	113.6	123.2	92.2	90.0





CME
Associates, Inc.

385 Sherman Street
Rochester, New York 14606
(585) 254-8740
(585) 254-1351 (Fax)
www.cmeassociates.com

Page 1 of 2

IN-PLACE FIELD DENSITY TEST REPORT

PROJECT: Photech Imaging – Rochester, NY **DATE:** 12/29/11
CLIENT: LaBella Associates, P.C. **REPORT NO.:** 37004S-19R-1211
TEST METHOD: ASTM D6938-08a **REPRESENTATIVE:** P. Reynolds
MATERIAL TYPE/SOURCE: Brown SILT/CLAY, some cmf SAND, little cmf GRAVEL /
Onsite Excavated Material
WEATHER: Mostly cloudy **TEMPERATURE:** 32 °F

REMARKS:

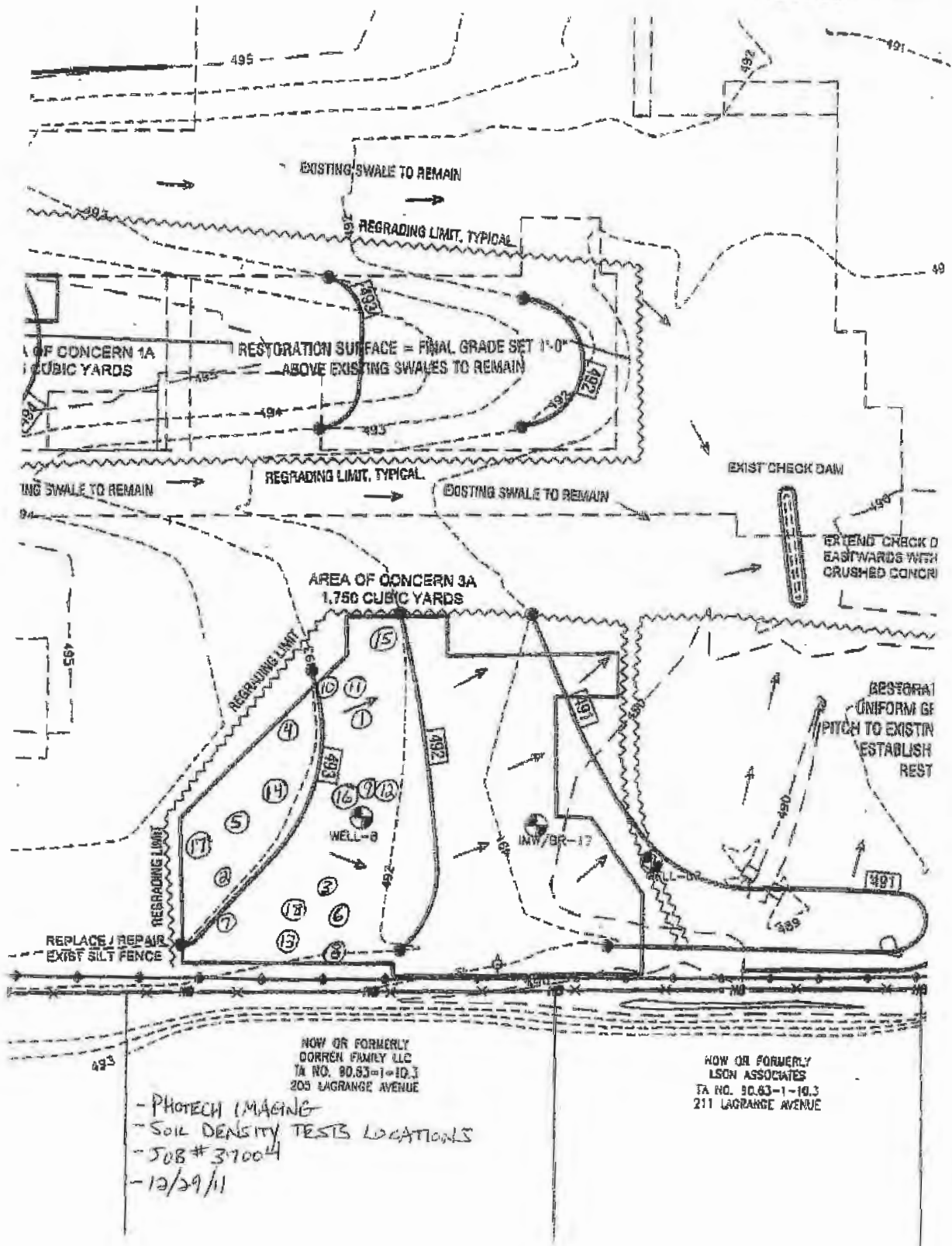
This representative was onsite at the above referenced project to conduct in place field density tests on the backfill for AOC-3A (Area of Concern-3A). A large BW211D-3 single vibratory drum roller was used for compaction.

The test results indicate that the required percentage of compaction was achieved at the locations and elevations shown below. Moisture content was more than 2% above optimum moisture content.

Jay Goggin with Foundation Design was informed of today's test results.

RESULTS:

Test #	Test Location	Test Elevation	Moisture Content (%)	OMC (%)	Field Dry Density (pcf)	100% Dry Density (pcf)	Compaction Achieved (%)	Compaction Required (%)
1	See Attached Sketch	487	13.0	9.1	112.1	123.2	91.0	90.0
2	See Attached Sketch	487	14.6	9.1	114.6	123.2	93.0	90.0
3	See Attached Sketch	487	12.5	9.1	115.1	123.2	93.4	90.0
4	See Attached Sketch	487	13.1	9.1	112.6	123.2	91.4	90.0
5	See Attached Sketch	488	14.1	9.1	113.0	123.2	91.7	90.0
6	See Attached Sketch	488	13.7	9.1	115.5	123.2	93.6	90.0
7	See Attached Sketch	488	14.2	9.1	112.6	123.2	91.4	90.0
8	See Attached Sketch	489	14.9	9.1	113.6	123.2	92.2	90.0
9	See Attached Sketch	489	13.2	9.1	116.3	123.2	94.4	90.0
10	See Attached Sketch	489	14.2	9.1	114.5	123.2	92.9	90.0
11	See Attached Sketch	490	14.4	9.1	113.3	123.2	91.9	90.0
12	See Attached Sketch	490	15.9	9.1	111.1	123.2	90.2	90.0
13	See Attached Sketch	490	12.9	9.1	115.5	123.2	93.7	90.0
14	See Attached Sketch	490	14.7	9.1	113.9	123.2	92.4	90.0
15	See Attached Sketch	491	13.5	9.1	113.6	123.2	92.2	90.0
16	See Attached Sketch	491	13.3	9.1	114.4	123.2	92.9	90.0
17	See Attached Sketch	491	13.5	9.1	114.6	123.2	93.0	90.0
18	See Attached Sketch	491	14.5	9.1	113.9	123.2	92.5	90.0





CME
Associates, Inc.

385 Sherman Street
Rochester, New York 14606
(585) 254-8740
(585) 254-1351 (Fax)
www.cmeassociates.com

Page 1 of 2

IN-PLACE FIELD DENSITY TEST REPORT

PROJECT: Phototech Imaging – Rochester, NY **DATE:** 12/30/11
CLIENT: LaBella Associates, P.C. **REPORT NO.:** 37004S-20R-1211
TEST METHOD: ASTM D6938-08a **REPRESENTATIVE:** P. Reynolds
MATERIAL TYPE/SOURCE: Brown SILT/CLAY, some cmf SAND, little cmf GRAVEL /
Onsite Excavated Material
WEATHER: Mostly cloudy **TEMPERATURE:** 41 °F

REMARKS:

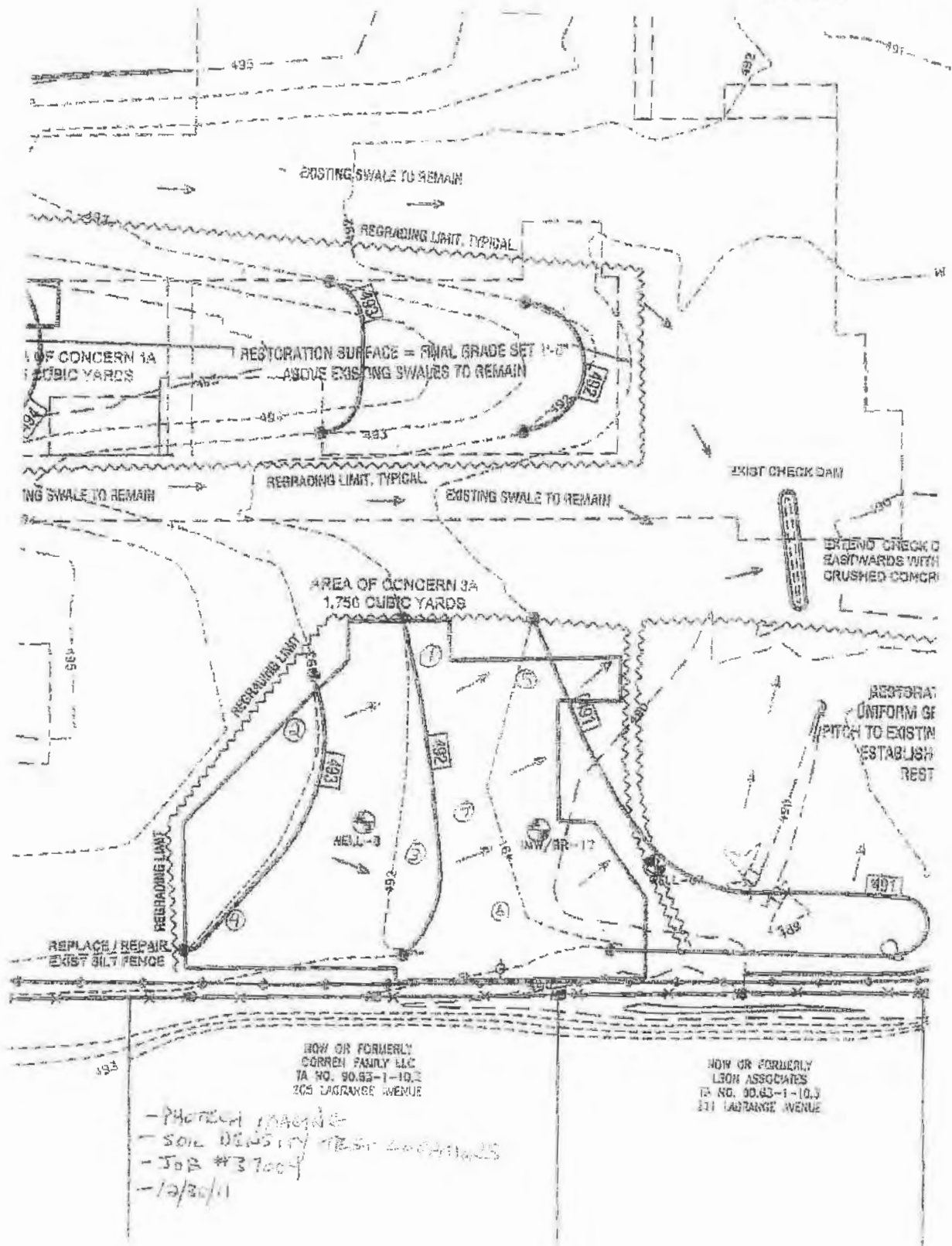
This representative was onsite at the above referenced project to conduct in place field density tests on the backfill for AOC-3A (Area of Concern-3A). A large BW211D-3 single vibratory drum roller was used for compaction.

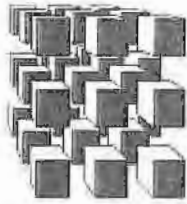
The test results indicate that the required percentage of compaction was achieved at the locations and elevations shown below. Moisture content was more than 2% above optimum moisture content.

Jay Goggin with Foundation Design was informed of today's test results.

RESULTS:

Test #	Test Location	Test Elevation	Moisture Content (%)	OMC (%)	Field Dry Density (pcf)	100% Dry Density (pcf)	Compaction Achieved (%)	Compaction Required (%)
1	See Attached Sketch	492	13.5	9.1	118.2	123.2	95.9	90.0
2	See Attached Sketch	492	13.2	9.1	119.6	123.2	97.1	90.0
3	See Attached Sketch	492	12.4	9.1	117.7	123.2	95.5	90.0
4	See Attached Sketch	492	14.3	9.1	114.5	123.2	92.9	90.0
5	See Attached Sketch	485	13.6	9.1	114.5	123.2	92.9	90.0
6	See Attached Sketch	485	13.6	9.1	112.1	123.2	91.0	90.0
7	See Attached Sketch	485	13.1	9.1	114.5	123.2	92.9	90.0





CME
Associates, Inc.

385 Sherman Street
Rochester, New York 14606
(585) 254-8740
(585) 254-1351 (Fax)
www.cmeassociates.com

Page 1 of 1

DAILY PROGRESS REPORT

PROJECT: Phototech Imaging – Rochester, NY	REPORT NO.: 37004S-21-0112
CLIENT: LaBella Associates, P.C.	REPRESENTATIVE: P. Schedel, ICC
DATE: 01/03/12	WEATHER: Partly Cloudy TEMPERATURE: 10 °F

This representative was on-site at the above referenced project to perform in-place field density tests on site mass fill.

When on-site it was decided that, due to the low air and wind chill temperatures, no mass fill attempts would be made.



CME
Associates, Inc.

385 Sherman Street
Rochester, New York 14606
(585) 254-8740
(585) 254-1351 (Fax)
www.cmeassociates.com

Page 1 of 2

IN-PLACE FIELD DENSITY TEST REPORT

PROJECT: Photech Imaging – Rochester, NY **DATE:** 01/04/12
CLIENT: LaBella Associates, P.C. **REPORT NO.:** 37004S-22R-0112
TEST METHOD: ASTM D6938-08a **REPRESENTATIVE:** P. Schedel, ICC
MATERIAL TYPE/SOURCE: Brown SILT/CLAY, some cmf SAND, little cmf GRAVEL /
Onsite Excavated Material
WEATHER: Mostly cloudy **TEMPERATURE:** 41 °F

REMARKS:

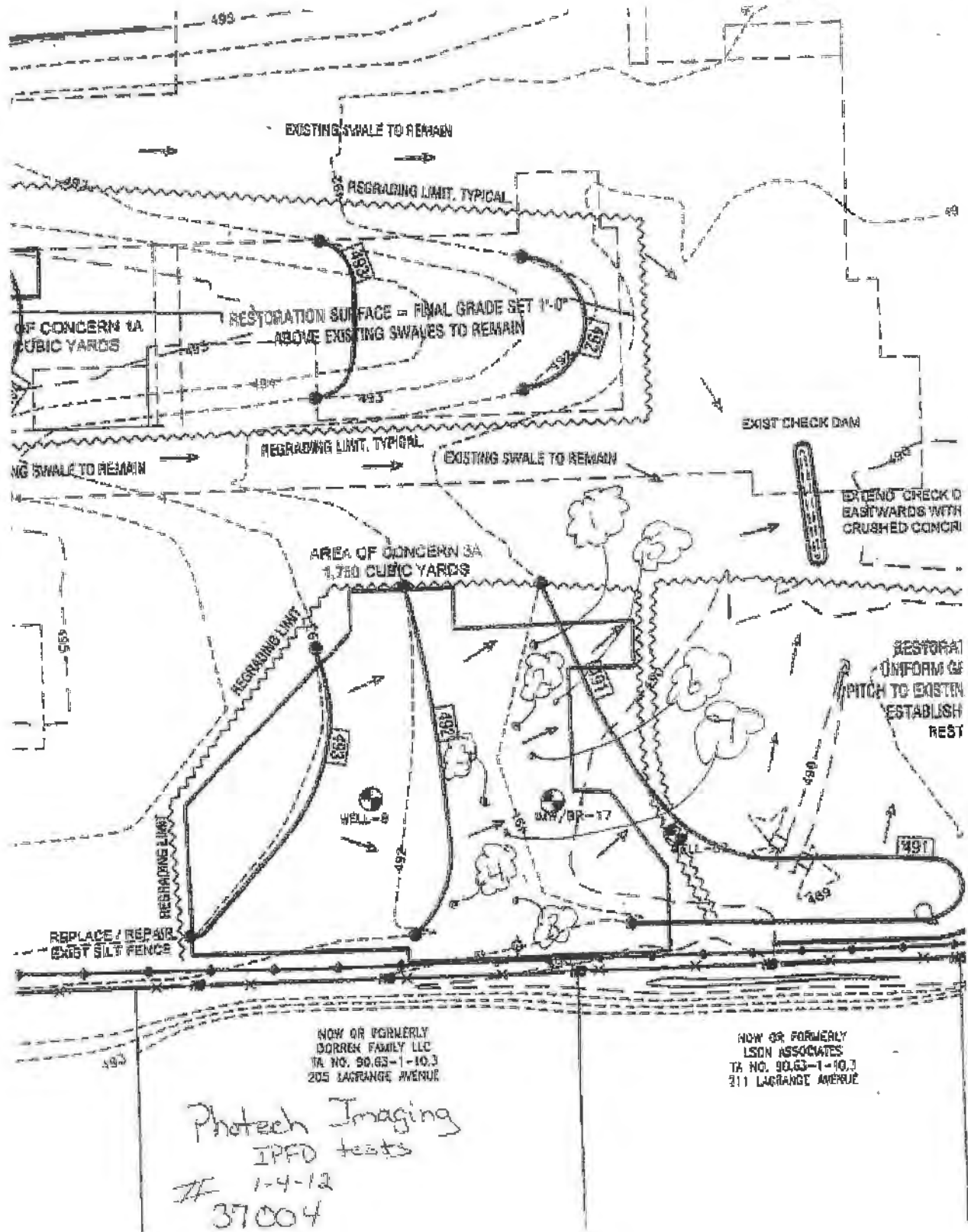
This representative was onsite at the above referenced project to conduct in place field density tests on material placed as mass fill. Compaction was achieved utilizing a large single drum earth roller in static mode.

The test results indicate that the required percentage of compaction was achieved at the locations and elevations shown below. Note that the moisture contents were more than 2% above the optimum moisture content (OMC).

Jay Goggin with Foundation Design was informed of today's test results.

RESULTS:

Test #	Test Location	Test Elevation	Moisture Content (%)	OMC (%)	Field Dry Density (pcf)	100% Dry Density (pcf)	Compaction Achieved (%)	Compaction Required (%)
1	See Attached Sketch	487	14.2	9.1	114.2	123.2	92.7	90.0
2	See Attached Sketch	487	16.9	9.1	111.7	123.2	90.7	90.0
3	See Attached Sketch	487	17.7	9.1	111.2	123.2	90.3	90.0
4	See Attached Sketch	487	13.6	9.1	113.7	123.2	92.3	90.0
5	See Attached Sketch	487.8	17.2	9.1	110.9	123.2	90.0	90.0
6	See Attached Sketch	487.8	14.7	9.1	113.6	123.2	92.2	90.0
7	See Attached Sketch	487.8	14.7	9.1	114.3	123.2	92.8	90.0
8	See Attached Sketch	487.8	14.7	9.1	114.3	123.2	92.8	90.0





CME
Associates, Inc.

385 Sherman Street
Rochester, New York 14606
(585) 254-8740
(585) 254-1351 (Fax)
www.cmeassociates.com

Page 1 of 2

IN-PLACE FIELD DENSITY TEST REPORT

PROJECT: Photech Imaging – Rochester, NY **DATE:** 01/05/12
CLIENT: LaBella Associates, P.C. **REPORT NO.:** 37004S-23R-0112
TEST METHOD: ASTM D6938-08a **REPRESENTATIVE:** P. Schedel, ICC
MATERIAL TYPE/SOURCE: Brown SILT/CLAY, some cmf SAND, little cmf GRAVEL /
Onsite Excavated Material
WEATHER: Cloudy **TEMPERATURE:** 38 °F

REMARKS:

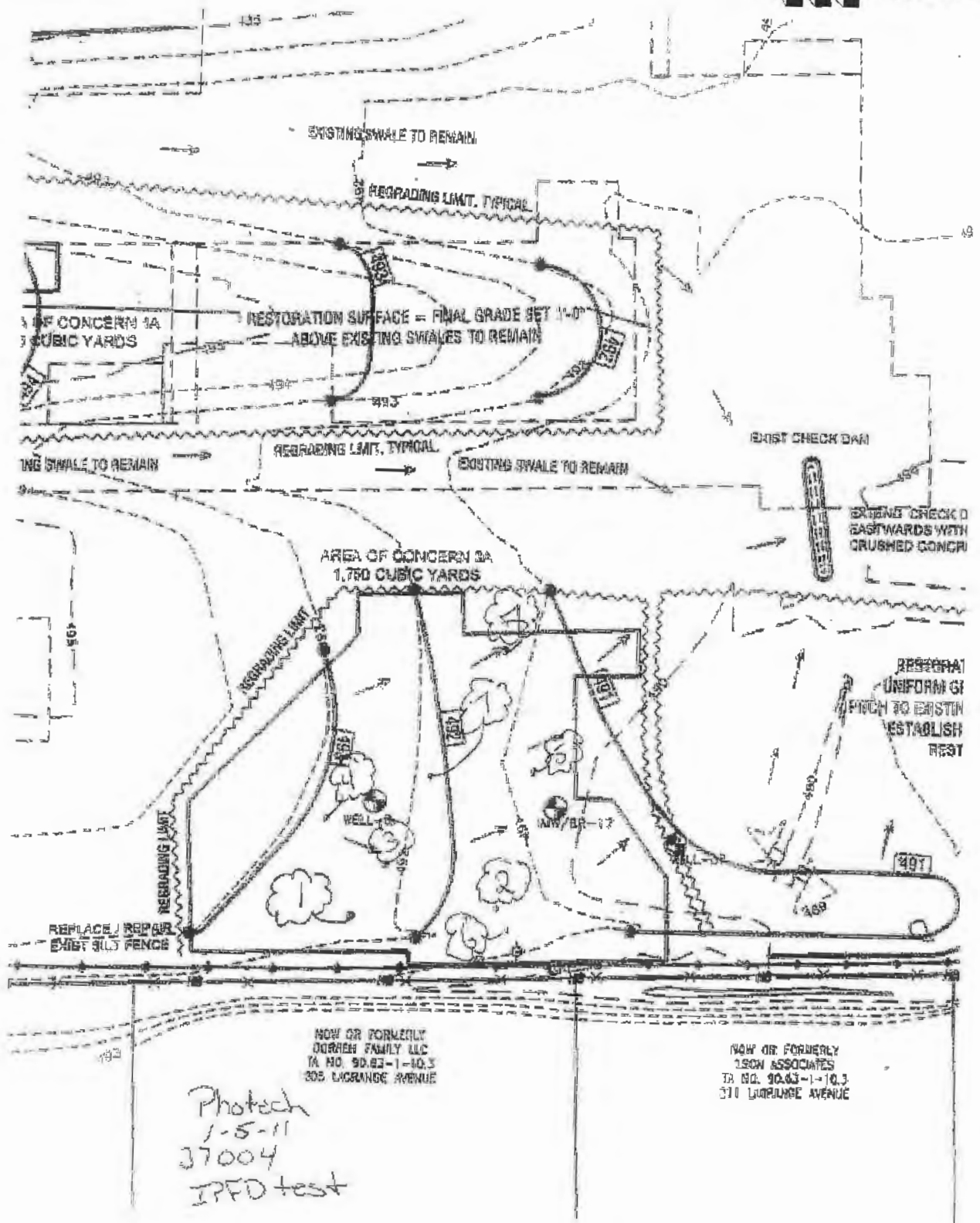
This representative was onsite at the above referenced project to conduct in place field density tests on material placed as mass fill. Lift placement and compaction was conducted in this representative's presence. No deficiencies were observed. A large single drum earth roller in static mode was used for compaction.

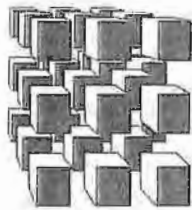
The test results indicate that the required percentage of compaction was achieved at the locations and elevations shown below.

Jay Goggin with Foundation Design was informed of today's test results.

RESULTS:

Test #	Test Location	Test Elevation	Moisture Content (%)	OMC (%)	Field Dry Density (pcf)	100% Dry Density (pcf)	Compaction Achieved (%)	Compaction Required (%)
1	See Attached Sketch	488.5	9.7	9.1	118.4	123.2	96.1	90.0
2	See Attached Sketch	488.5	10.0	9.1	115.3	123.2	93.6	90.0
3	See Attached Sketch	488.5	10.0	9.1	116.5	123.2	94.6	90.0
4	See Attached Sketch	488	10.8	9.1	113.7	123.2	92.3	90.0
5	See Attached Sketch	489.5	11.8	9.1	115.8	123.2	94.0	90.0
6	See Attached Sketch	489.5	11.5	9.1	116.5	123.2	94.6	90.0
7	See Attached Sketch	489.5	10.5	9.1	117.0	123.2	95.0	90.0
8	See Attached Sketch	488	11.0	9.1	115.8	123.2	94.0	90.0





CME
Associates, Inc.

385 Sherman Street
Rochester, New York 14606
(585) 254-8740
(585) 254-1351 (Fax)
www.cmeassociates.com

Page 1 of 2

IN-PLACE FIELD DENSITY TEST REPORT

PROJECT: Phototech Imaging – Rochester, NY
CLIENT: LaBella Associates, P.C.
TEST METHOD: ASTM D6938-08a
DATE: 01/06/12
REPORT NO.: 37004S-24-0112
REPRESENTATIVE: P. Schedel, ICC
(Tests #1-3) Brown SILT/CLAY, some cmf SAND, some cmf GRAVEL / Unknown Offsite Origin;

MATERIAL TYPE/SOURCE:

(Tests #4-7) Brown SILT/CLAY, some cmf SAND, some cmf GRAVEL / Building 6,7 Middle Slough Bank

WEATHER: Cloudy

TEMPERATURE: 38 °F

REMARKS:

This representative was onsite at the above referenced project to conduct in place field density tests on material placed as mass fill. Lift placement and compaction was conducted in this representative's presence. No proctor value was available for material at tests #1-3. Density values were gathered for comparison on three separate compaction passes of the single drum earth roller. The density values and testing ("peaking the gauge") were under the guidance of Jay Goggin with Foundation Design. Tests #4-7 were of lifts using the second material listed above.

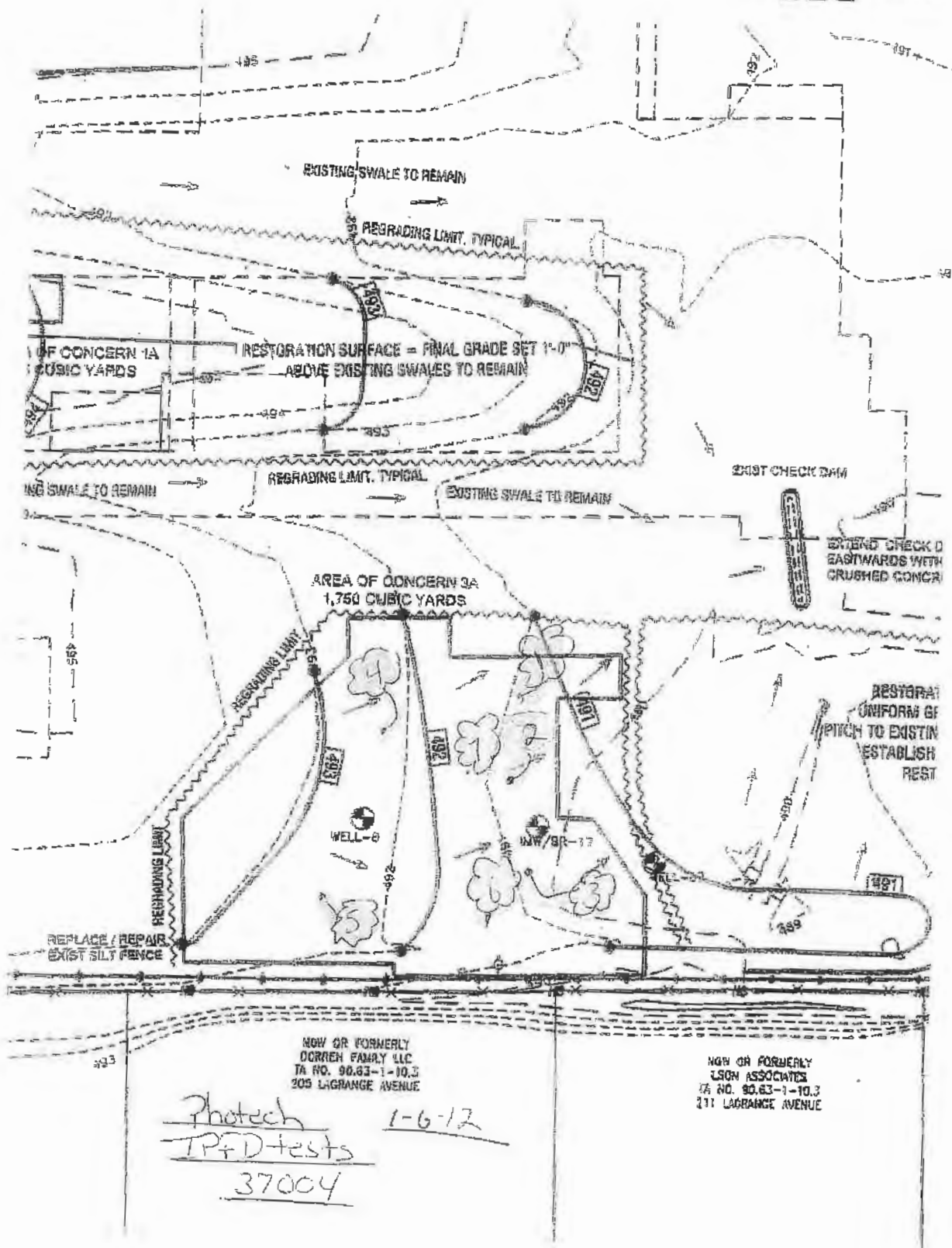
The test results indicate that the required percentage of compaction was achieved at tests #4-7.

Jay Goggin with Foundation Design was informed of today's test results.

RESULTS:

Test #	Test Location	Test Elevation	Moisture Content (%)	OMC (%)	Field Dry Density (pcf)	100% Dry Density (pcf)	Compaction Achieved (%)	Compaction Required (%)
1	See Attached Sketch	490	9.7	N/A	117.4	N/A	N/A	90.0
1a	Retest #1	490	9.5	N/A	118.4	N/A	N/A	90.0
1b	Retest #1	490	9.7	N/A	119.0	N/A	N/A	90.0
2	See Attached Sketch	490	8.5	N/A	121.9	N/A	N/A	90.0
2a	Retest #2	490	8.4	N/A	119.7	N/A	N/A	90.0
2b	Retest #2	490	9.0	N/A	119.6	N/A	N/A	90.0
3	See Attached Sketch	490	9.6	N/A	122.0	N/A	N/A	90.0
3a	Retest #3	490	9.7	N/A	122.8	N/A	N/A	90.0
3b	Retest #3	490	9.6	N/A	123.3	N/A	N/A	90.0
3c	Retest #3	490	9.6	N/A	123.3	N/A	N/A	90.0
4	See Attached Sketch	490.8	7.0	8.0	130.0	133.3	97.5	90.0
5	See Attached Sketch	490.8	6.7	8.0	128.8	133.3	96.9	90.0
6	See Attached Sketch	490.8	8.2	8.0	128.8	133.3	96.9	90.0
7	See Attached Sketch	490.8	8.0	8.0	130.6	133.3	98.0	90.0

Setting the Blueprint for Quality and Customer Satisfaction





CME
Associates, Inc.

385 Sherman Street
Rochester, New York 14606
(585) 254-8740
(585) 254-1351 (Fax)
www.cmeassociates.com

Page 1 of 2

IN-PLACE FIELD DENSITY TEST REPORT

PROJECT: Photech Imaging – Rochester, NY **DATE:** 01/09/12
CLIENT: LaBella Associates, P.C. **REPORT NO.:** 37004S-25-0112
TEST METHOD: ASTM D6938-08a **REPRESENTATIVE:** P. Schedel, ICC
MATERIAL TYPE/SOURCE: Brown SILT/CLAY, some cmf SAND, some cmf GRAVEL /
Building 6,7 Middle Slough Bank
WEATHER: Partly cloudy **TEMPERATURE:** 38 °F

REMARKS:

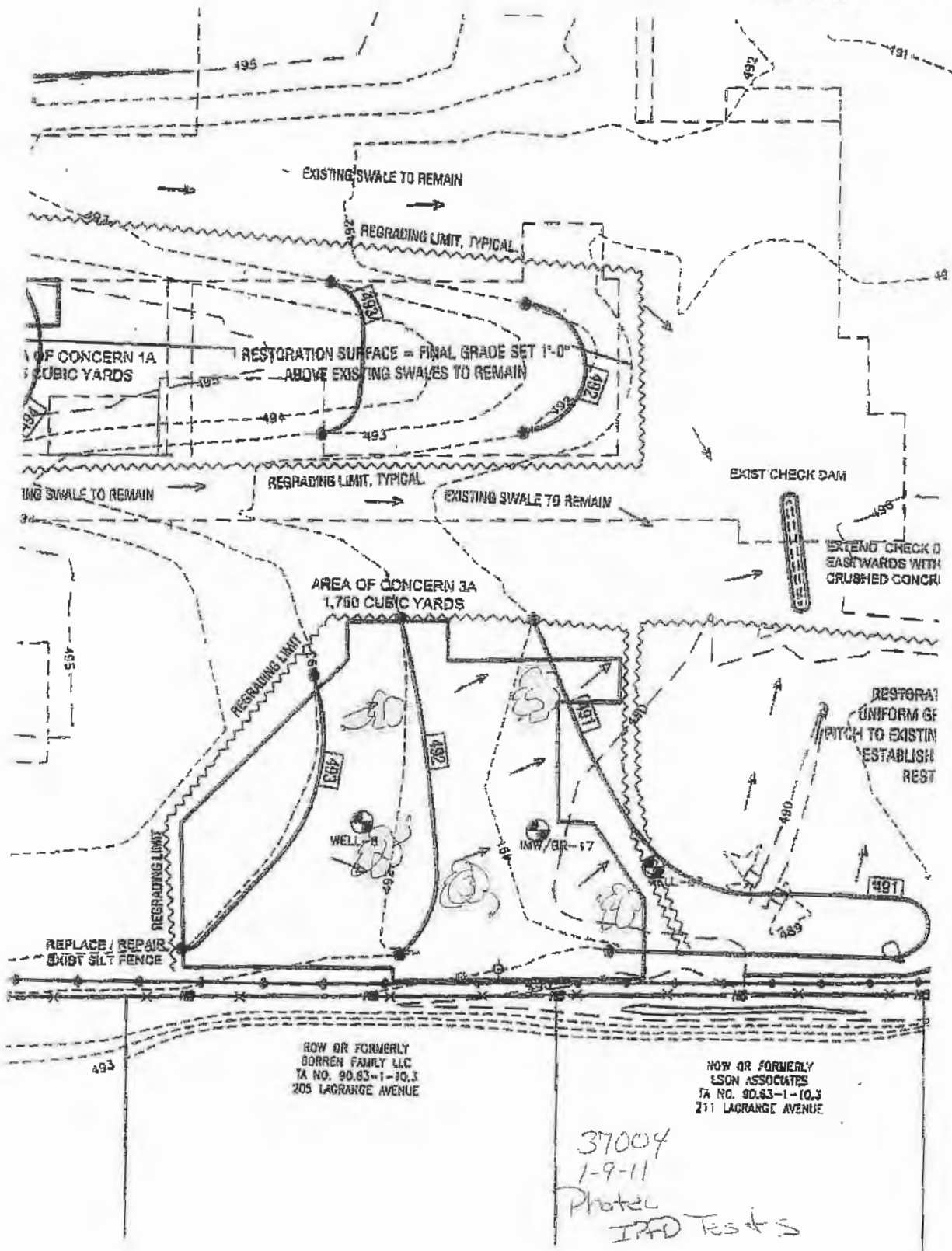
This representative was onsite at the above referenced project to conduct in place field density tests on material placed as mass fill. Lift placement and compaction was conducted in this representative's presence. A single drum earth roller in static mode was used for compaction.

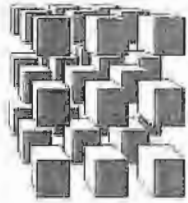
The test results indicate that the required percentage of compaction was achieved at the locations and elevations shown below.

Jay Goggin with Foundation Design was informed of today's test results.

RESULTS:

Test #	Test Location	Test Elevation	Moisture Content (%)	OMC (%)	Field Dry Density (pcf)	100% Dry Density (pcf)	Compaction Achieved (%)	Compaction Required (%)
1	See Attached Sketch	490.5	7.4	8.0	124.5	133.3	93.4	90.0
2	See Attached Sketch	490.5	8.4	8.0	124.5	133.3	93.4	90.0
3	See Attached Sketch	490.5	7.3	8.0	130.6	133.3	98.0	90.0
4	See Attached Sketch	490.0	7.4	8.0	126.6	133.3	95.0	90.0
5	See Attached Sketch	490.0	7.7	8.0	130.2	133.3	97.7	90.0





CME
Associates, Inc.

385 Sherman Street
Rochester, New York 14606
(585) 254-8740
(585) 254-1351 (Fax)
www.cmeassociates.com

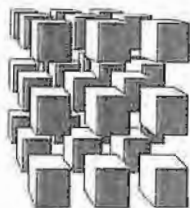
Page 1 of 1

DAILY PROGRESS REPORT

PROJECT: Phototech Imaging -- Rochester, NY	REPORT NO.: 37004S-26-0112
CLIENT: LaBella Associates, P.C.	REPRESENTATIVE: P. Schedel, ICC
DATE: 01/10/12	WEATHER: Partly Cloudy TEMPERATURE: 10 ° F

This representative was on-site at the above referenced project to perform in-place field density tests on site mass fill.

This representative was informed onsite that CME's services would not be required this day.



CME
Associates, Inc.

385 Sherman Street
Rochester, New York 14606
(585) 254-8740
(585) 254-1351 (Fax)
www.cmeassociates.com

Page 1 of 2

IN-PLACE FIELD DENSITY TEST REPORT

PROJECT: Phototech Imaging – Rochester, NY
CLIENT: LaBella Associates, P.C.
TEST METHOD: ASTM D6938-08a
MATERIAL TYPE/SOURCE: Brown SILT/CLAY, some cmf SAND, some cmf GRAVEL / Building 6, 16 East Wall Middle
WEATHER: Partly sunny
DATE: 01/18/12
REPORT NO.: 37004S-27-0112
REPRESENTATIVE: P. Reynolds
TEMPERATURE: 25 °F

REMARKS:

This representative was onsite at the above referenced project to conduct in place field density tests on backfill. A large single vibratory drum roller was used for compaction.

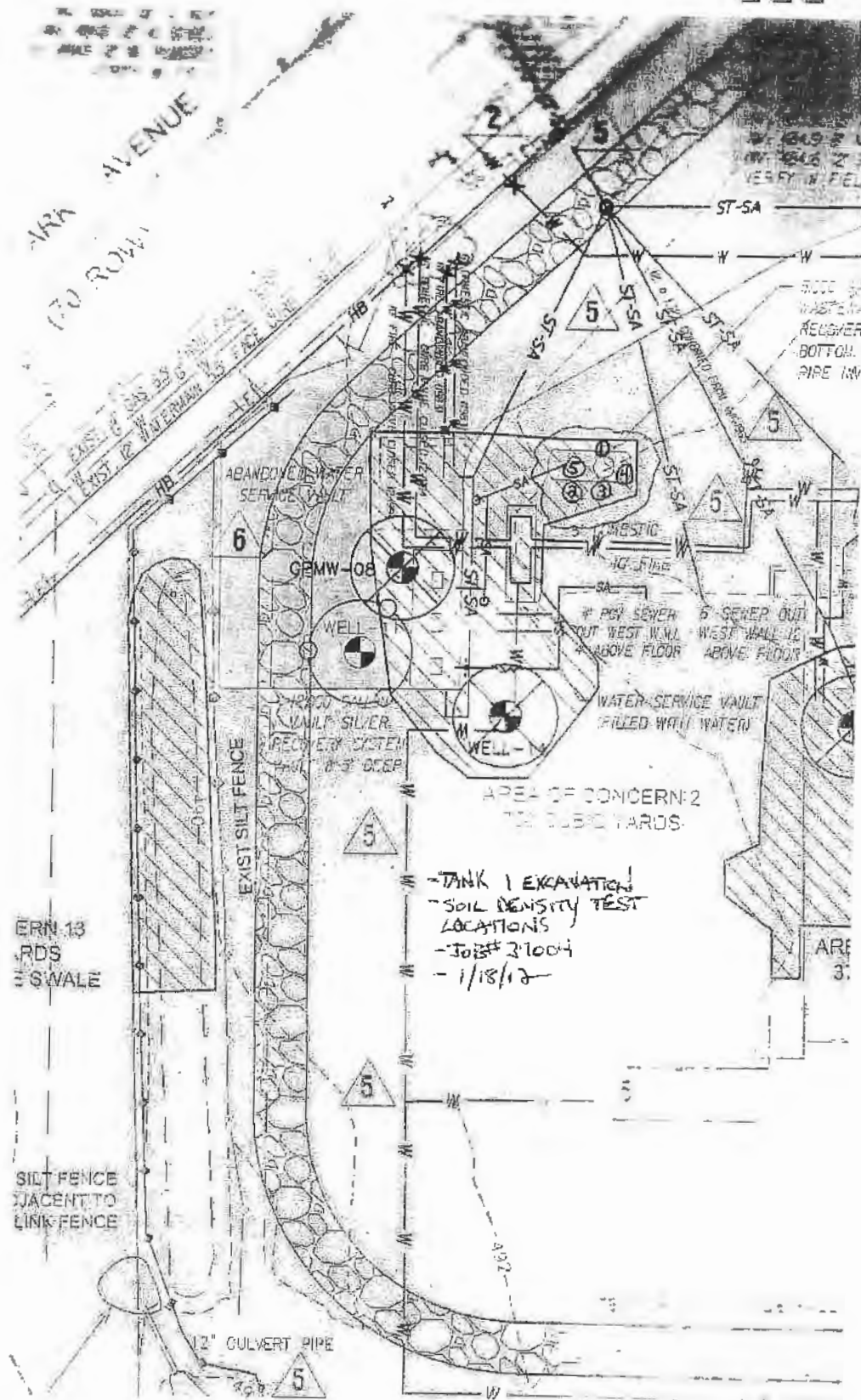
The test results indicate that the required percentage of compaction was achieved at the locations and elevations shown below.

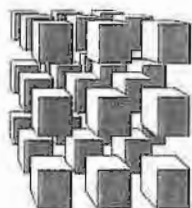
Jay Goggin with Foundation Design was informed of today's test results.

Note: BFG = Below Finished Grade

RESULTS:

Test #	Test Location	Test Elevation	Moisture Content (%)	OMC (%)	Field Dry Density (pcf)	100% Dry Density (pcf)	Compaction Achieved (%)	Compaction Required (%)
1	See Attached Sketch	4' BFG	9.0	8.1	127.9	134.2	95.3	95.0
2	See Attached Sketch	4' BFG	6.9	8.1	134.2	134.2	100.0	95.0
3	See Attached Sketch	3' BFG	6.4	8.1	134.2	134.2	100.0	95.0
4	See Attached Sketch	2' BFG	5.9	8.1	134.2	134.2	100.0	95.0
5	See Attached Sketch	1' BFG	9.2	8.1	128.7	134.2	95.9	95.0





CME
Associates, Inc.

385 Sherman Street
Rochester, New York 14606
(585) 254-8740
(585) 254-1351 (Fax)
www.cmeassociates.com

Page 1 of 2

IN-PLACE FIELD DENSITY TEST REPORT

PROJECT: Photech Imaging – Rochester, NY **DATE:** 02/02/12
CLIENT: LaBella Associates, P.C. **REPORT NO.:** 37004S-28-0112
TEST METHOD: ASTM D6938-08a **REPRESENTATIVE:** P. Reynolds
MATERIAL TYPE/SOURCE: Brown SILT/CLAY, some cmf SAND, some cmf GRAVEL /
Building 6, 16 East Wall Middle
WEATHER: Cloudy, snow **TEMPERATURE:** 33 °F

REMARKS:

This representative was onsite at the above referenced project to conduct in place field density tests on backfill for the backfill of the pipe. A remote-controlled dual sheeps foot drum roller was used for compaction.

The test results indicate that the required percentage of compaction was achieved at the locations and elevations shown below.

Jay Goggin with Foundation Design was informed of today's test results.

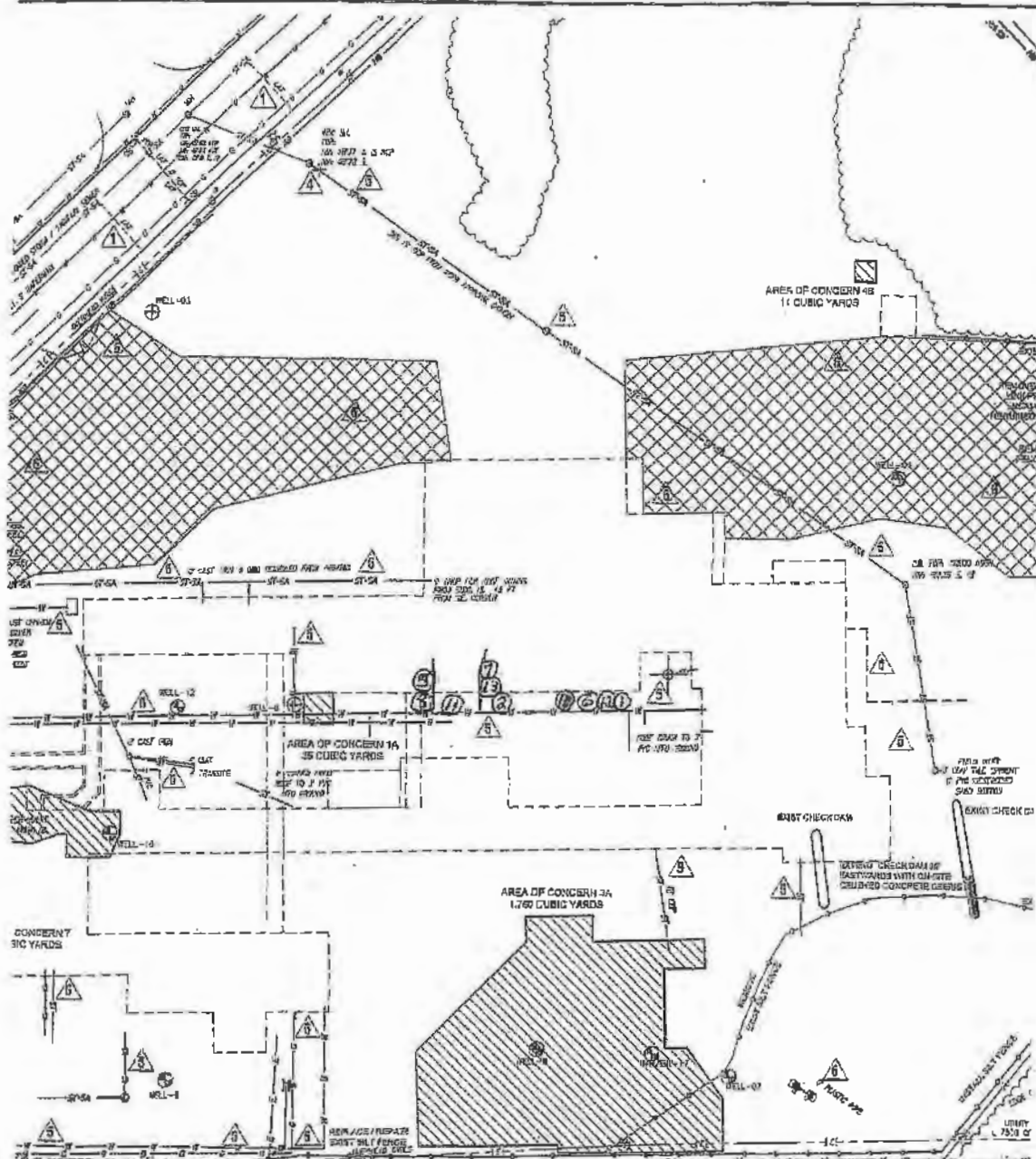
Note: BFG = Below Finished Grade

RESULTS:

Test #	Test Location	Test Elevation	Moisture Content (%)	OMC (%)	Field Dry Density (pcf)	100% Dry Density (pcf)	Compaction Achieved (%)	Compaction Required (%)
1	See Attached Sketch	4' BFG	11.1	8.1	120.9	134.2	90.1	90.0
2	See Attached Sketch	4' BFG	12.1	8.1	121.5	134.2	90.6	90.0
3	Retest #1	4' BFG	10.1	8.1	123.2	134.2	91.8	90.0
4	Retest #2	4' BFG	11.2	8.1	121.5	134.2	90.5	90.0
5	See Attached Sketch	4' BFG	12.0	8.1	124.0	134.2	92.4	90.0
6	See Attached Sketch	3' BFG	9.6	8.1	122.0	134.2	90.6	90.0
7	See Attached Sketch	3' BFG	11.0	8.1	124.6	134.2	92.9	90.0
8	See Attached Sketch	3' BFG	9.1	8.1	125.6	134.2	93.6	90.0
9	Retest #6	3' BFG	9.6	8.1	124.9	134.2	93.1	90.0
10	See Attached Sketch	2' BFG	9.2	8.1	122.2	134.2	91.0	90.0
11	See Attached Sketch	2' BFG	11.4	8.1	123.7	134.2	92.2	90.0
12	See Attached Sketch	1' BFG	11.5	8.1	119.3	134.2	88.9	90.0
13	See Attached Sketch	1' BFG	12.2	8.1	121.5	134.2	90.5	90.0
14	Retest #12	1' BFG	12.0	8.1	121.8	134.2	90.8	90.0



CME
Associates, Inc.

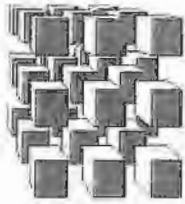


- PHOTOTECH IMAGING
- SOIL DENSITY TESTS
- JOB # 37004
- 2/2/12

NEW OR FURNACE
BURNER FAMILY LEC
PA NO. 20.03-1-10.3
200 LARGOYRE 4/11/16

11700 GRT JOURNAL
 LDC# 15500000
 TA 400, 90 00-1-000
 101 LANSANE DRIVE

HIGHTEST P



CME
Associates, Inc.

385 Sherman Street
Rochester, New York 14606
(585) 254-8740
(585) 254-1351 (Fax)
www.cmeassociates.com

Page 1 of 1

DAILY PROGRESS REPORT

PROJECT: Photech Imaging – Rochester, NY	REPORT NO.: 37004S-29-0212
CLIENT: LaBella Associates, P.C.	REPRESENTATIVE: P. Schedel, ICC
DATE: 02/03/12	WEATHER: Partly Cloudy TEMPERATURE: 38 °F

This representative was onsite at the above referenced project to perform in-place field density testing on site fill. It was decided onsite that no fill attempts would be made this date.



CME
Associates, Inc.

385 Sherman Street
Rochester, New York 14606
(585) 254-8740
(585) 254-1351 (Fax)
www.cmeassociates.com

Page 1 of 1

DAILY PROGRESS REPORT

PROJECT: Photech Imaging – Rochester, NY	REPORT NO.: 37004S-30-0212
CLIENT: LaBella Associates, P.C.	REPRESENTATIVE: P. Schedel, ICC
DATE: 02/07/12	WEATHER: Partly Cloudy TEMPERATURE: 38 °F

This representative was onsite at the above referenced project to perform in-place field density testing on site fill. It was decided onsite that no fill attempts would be made this date.



CME
Associates, Inc.

385 Sherman Street
Rochester, New York 14606
(585) 254-8740
(585) 254-1351 (Fax)
www.cmeassociates.com

Page 1 of 2

IN-PLACE FIELD DENSITY TEST REPORT

PROJECT:	Photech Imaging – Rochester, NY	DATE:	02/08/12
CLIENT:	LaBella Associates, P.C.	REPORT NO.:	37004S-31-0212
TEST METHOD:	ASTM D6938-08a	REPRESENTATIVE:	D. Stern, NICET II
MATERIAL TYPE/SOURCE:	Brown SILT/CLAY, some cmf SAND, some cmf GRAVEL / Building 6, 16 East Wall Middle		
WEATHER:	Clear	TEMPERATURE:	30 "F

REMARKS:

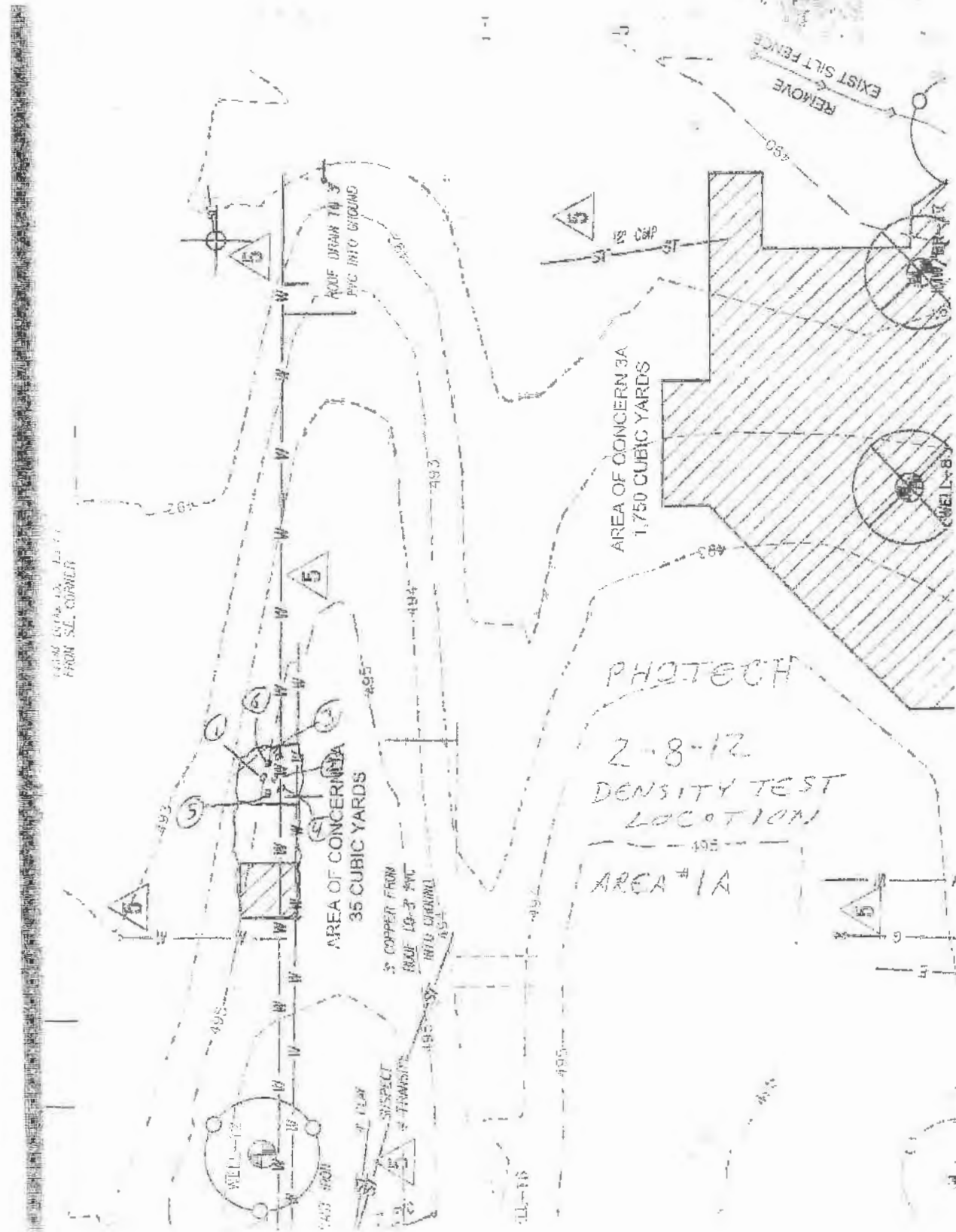
This representative was onsite at the above referenced project to conduct in place field density tests on compacted backfill for the excavated area of concern 1A, waterline removal trench. Approximately the western one-third of the trench was filled today. Each lift was tested, with results reported to TREC, LaBella, and Foundation Design representatives.

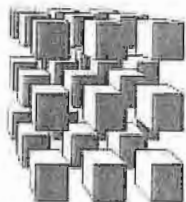
The test results indicate that the required percentage of compaction was achieved at the locations and elevations shown below, with the exception of test #3.

Representatives with TREC, LaBella, and Foundation Design were informed of and accepted today's test results.

RESULTS:

Test #	Test Location	Test Elevation	Moisture Content (%)	OMC (%)	Field Dry Density (pcf)	100% Dry Density (pcf)	Compaction Achieved (%)	Compaction Required (%)
1	See Attached Sketch	First Lift	12.7	8.1	121.7	134.2	90.7	90.0
2	See Attached Sketch	Second Lift	12.0	8.1	121.6	134.2	90.6	90.0
3	See Attached Sketch	Third Lift	15.6	8.1	118.6	134.2	88.4	90.0
4	See Attached Sketch	Fourth Lift	13.3	8.1	121.2	134.2	90.3	90.0
5	See Attached Sketch	Fifth Lift	12.7	8.1	124.8	134.2	93.0	90.0
6	See Attached Sketch	Sixth Lift	13.3	8.1	122.0	134.2	90.9	90.0





CME

Associates, Inc.

385 Sherman Street
Rochester, New York 14606
(585) 254-8740
(585) 254-1351 (Fax)
www.cmeassociates.com

Page 1 of 2

LABORATORY TEST REPORT

Project Title: Phototech Imaging – Rochester, NY
Client Name: LaBella Associates, P.C.
Delivered By: A Representative of the Client

Report No.: 37004S-32-0212
Date Delivered: 02/09/12
Date Completed: 02/14/12

1) Material Identification (ASTM D-2488-Visual-Manual):

Sample ID	Material Description	Unified Classification	Material Source	Proposed Use/Location
RL10028	Brown cmf SAND, little cmf GRAVEL, trace SILT/CLAY, trace COBBLES	GW-GM	Elam Sand & Gravel – West Bloomfield, NY	Select Granular Fill

2) Mechanical Analysis (ASTM C-136, D-1140):

Sieve Size	Percent Passing by Weight		
	RL10028	NYSDOT 203-2.02C Select Granular Fill	
4"	100	100	
3"	98	-	
2"	92	-	
1"	91	-	
3/4"	90	-	
1/2"	89	-	
1/4"	87	-	
No. 4	86	-	
No. 10	83	-	
No. 40	59	0-70	
No. 100	17	-	
No. 200 (wash)	7.5	0-15	

3) Moisture Density Relationship (ASTM D-1557, D-4718, C-127):

	RL10028		
Corrected Maximum Dry Density (pcf):	129.1		
Corrected Optimum Moisture Content (%):	7.7		
Procedure Used:	D-1557-C		
Preparation Method Used:	Dry		
As Received Water Content:	-		
Oversize Separation Sieve:	3/4"		
Percent Oversize Fraction by Weight:	9.7		
Specific Gravity of Oversize Portion:	2.61		

The Moisture Density Relationship Curve is attached. Please feel free to contact our office should you have any questions.

Respectfully submitted:

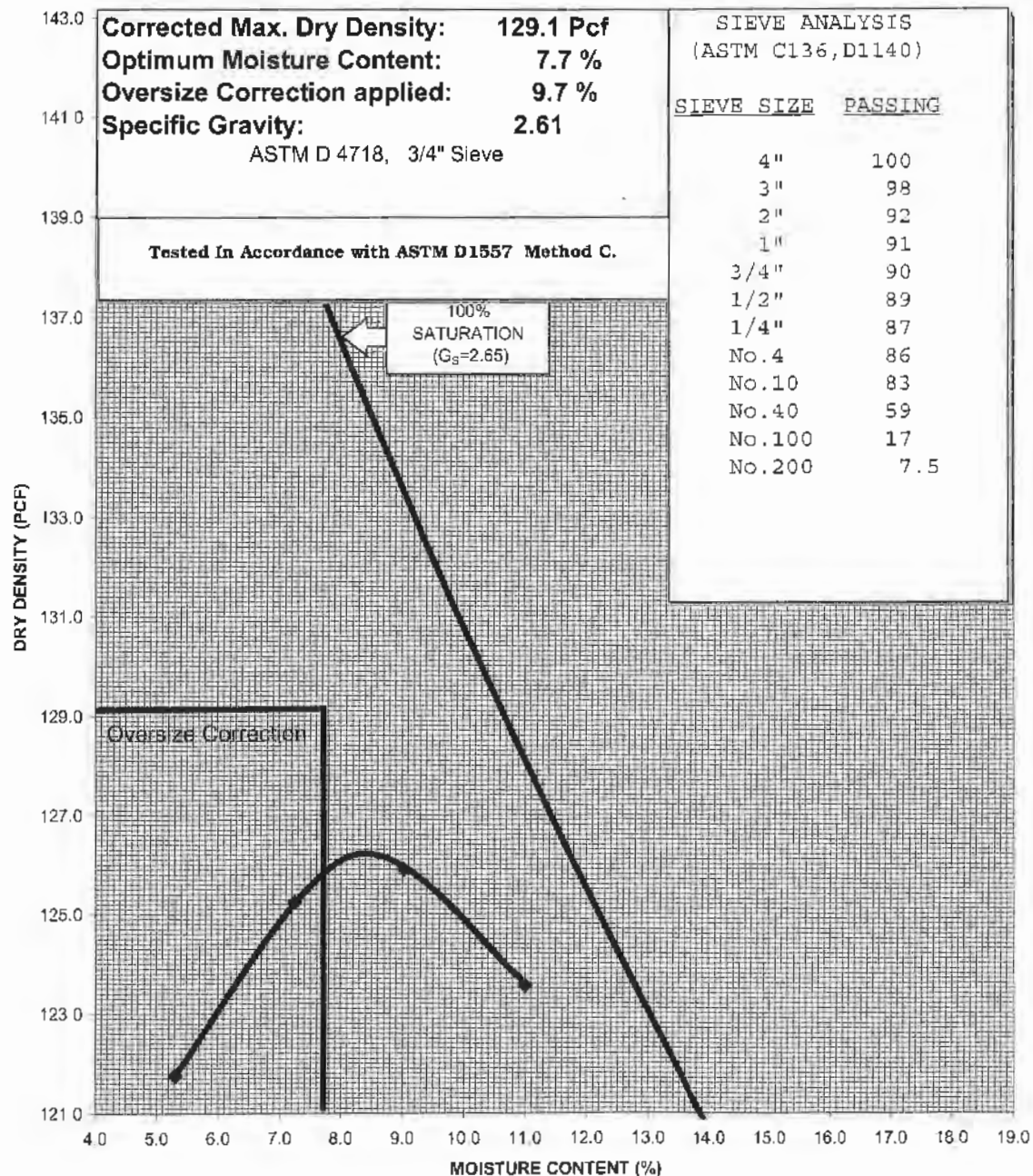
CME Associates, Inc.

E. Randall Holbrook
Senior Laboratory Technician

Setting the Blueprint for Quality and Customer Satisfaction

CLIENT:	LaBella Associates, P.C.	REPORT No.:	37004S-32-0212
PROJECT:	Photech Imaging – Rochester, NY	SAMPLE No.:	RL10028
SAMPLE LOCATION:	Elam Sand & Gravel – West Bloomfield, NY	DATE DELIVERED:	02/09/12
		PAGE:	2 of 2
SOIL CLASSIFICATION:	Brown cmf SAND, little cmf GRAVEL, trace SILT/CLAY, trace COBBLES		

MOISTURE-DENSITY RELATIONSHIP CURVE





CME
Associates, Inc.

385 Sherman Street
Rochester, New York 14606
(585) 254-8740
(585) 254-1351 (Fax)
www.cmeassociates.com

Page 1 of 2

IN-PLACE FIELD DENSITY TEST REPORT

PROJECT: Phototech Imaging – Rochester, NY **DATE:** 02/14/12
CLIENT: LaBella Associates, P.C. **REPORT NO.:** 37004S-33-0212
TEST METHOD: ASTM D6938-08a **REPRESENTATIVE:** P. Schedel, ICC
(Tests #1-6, 9) Recycled Concrete / Crushed Onsite;

MATERIAL TYPE/SOURCE:
(Tests #7-8) Brown cmf SAND, little SILT, trace cmf GRAVEL /
Elam Sand & Gravel – West Bloomfield, NY

WEATHER: Partly cloudy **TEMPERATURE:** 38 °F

REMARKS:

This representative was onsite at the above referenced project to conduct in place field density tests on material placed as trench backfill at the watermain removal location. Lift placement and compaction were conducted in this representative's presence. A single drum earth roller and self-propelled sheeps foot roller, both in static and vibratory modes, were used for compaction.

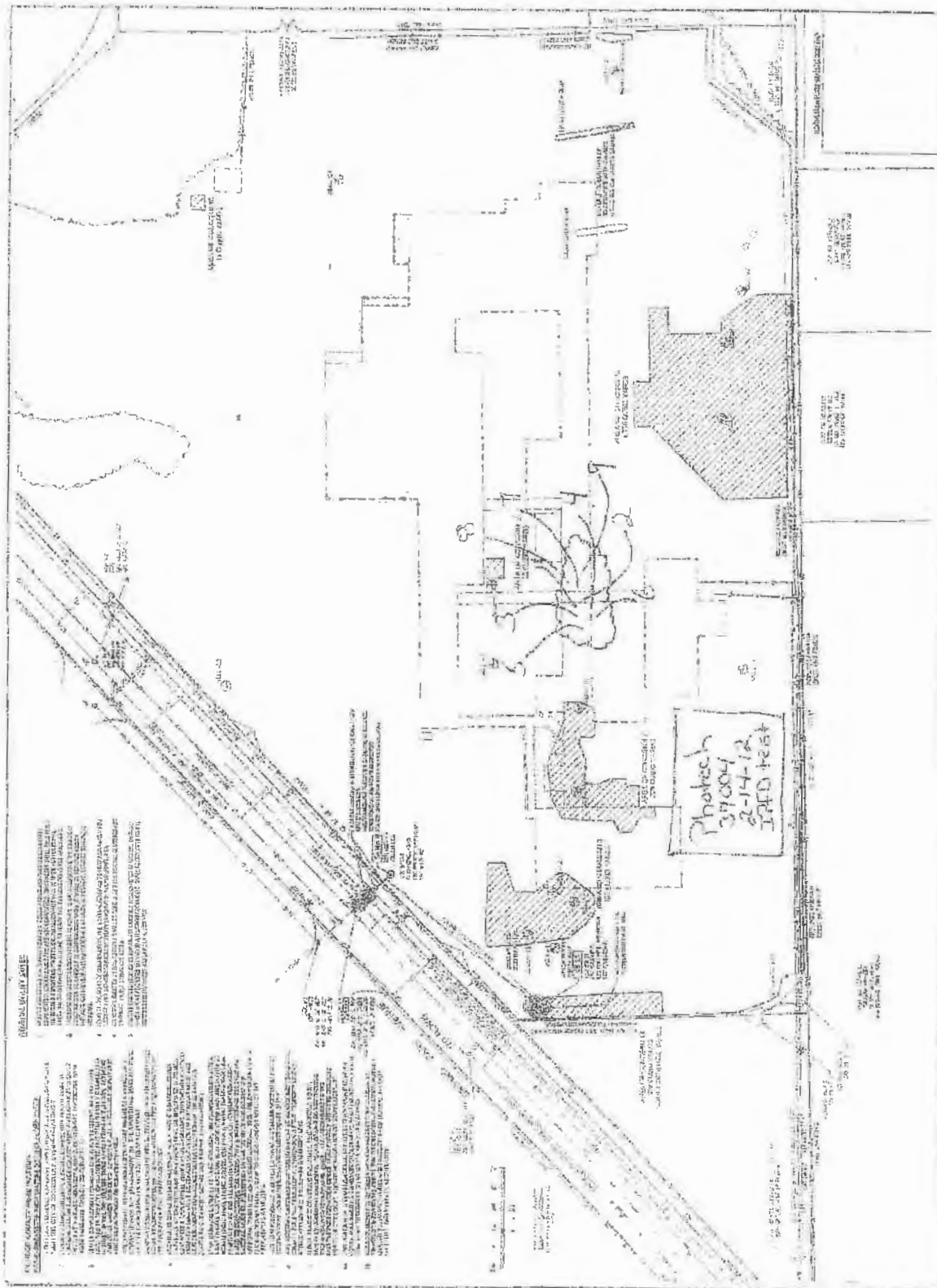
The test results indicate that the required percentage of compaction was achieved at the locations and elevations shown below. The lift stated as test #9 was removed due to high moisture and low density values.

Jay Goggin with Foundation Design was present and informed of today's test results.

RESULTS:

Test #	Test Location	Test Elevation	Moisture Content (%)	OMC (%)	Field Dry Density (pcf)	100% Dry Density (pcf)	Compaction Achieved (%)	Compaction Required (%)
1	See Attached Sketch	490.5	11.5	9.7	115.1	127.8	90.1	90.0
2	See Attached Sketch	491.5	11.0	9.7	115.1	127.8	90.1	90.0
3	See Attached Sketch	492.5	12.2	9.7	118.1	127.8	92.4	90.0
4	See Attached Sketch	493.0	14.0	9.7	119.4	127.8	93.4	90.0
5	See Attached Sketch	494.0	12.8	9.7	119.1	127.8	93.2	90.0
6	See Attached Sketch	495.0	14.0	9.7	121.2	127.8	94.8	90.0
7	See Attached Sketch	484.0	12.8	8.4	118.7	128.3	92.5	90.0
8	See Attached Sketch	485.0	11.9	8.4	119.1	128.3	92.8	90.0
9*	See Attached Sketch	485.0	19.1	9.7	107.8	127.8	84.4	90.0

*This lift was removed due to high moisture content and low in-place field density test.





CME
Associates, Inc.

385 Sherman Street
Rochester, New York 14606
(585) 254-8740
(585) 254-1351 (Fax)
www.cmeassociates.com

Page 1 of 2

IN-PLACE FIELD DENSITY TEST REPORT

PROJECT: Photech Imaging – Rochester, NY **DATE:** 02/14/12
CLIENT: LaBella Associates, P.C. **REPORT NO.:** 37004S-33R-0212
TEST METHOD: ASTM D6938-08a **REPRESENTATIVE:** P. Schedel, ICC
(Tests #1-6, 9) Recycled Concrete / Crushed Onsite;

MATERIAL TYPE/SOURCE: (Tests #7-8) Brown cmf SAND, little SILT, trace cmf GRAVEL /
Elam Sand & Gravel – West Bloomfield, NY

WEATHER: Partly cloudy **TEMPERATURE:** 38 °F

REMARKS:

This representative was onsite at the above referenced project to conduct in place field density tests on material placed as trench backfill at the watermain removal location. Lift placement and compaction were conducted in this representative's presence. A single drum earth roller and self-propelled sheeps foot roller, both in static and vibratory modes, were used for compaction.

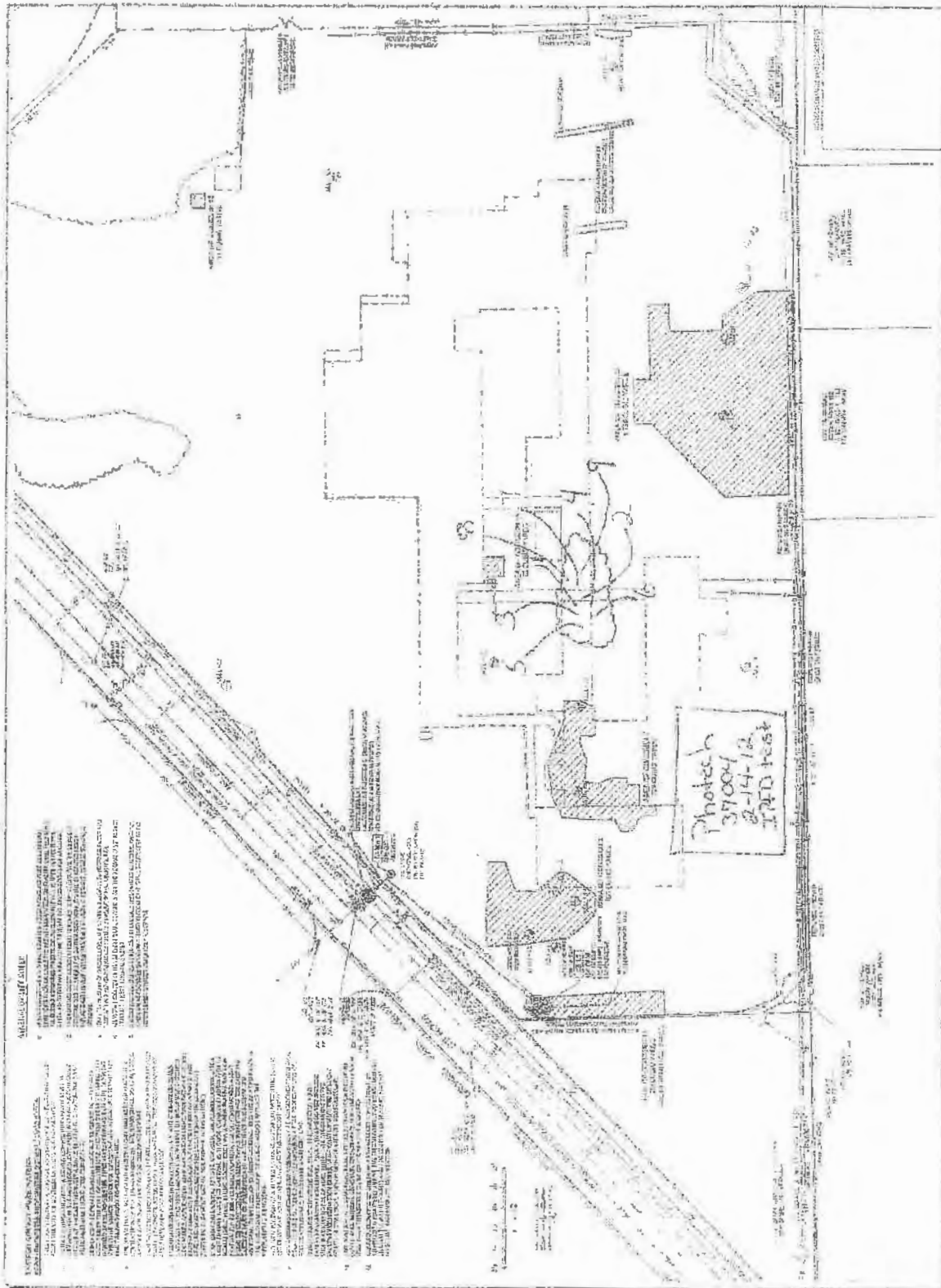
The test results indicate that the required percentage of compaction was achieved at the locations and elevations shown below. Note: All tests, except #2, had a moisture content more than 2% above the optimum moisture content. The lift stated as test #9 was removed due to high moisture and low density values.

Jay Goggin with Foundation Design was present and informed of today's test results.

RESULTS:

Test #	Test Location	Test Elevation	Moisture Content (%)	OMC (%)	Field Dry Density (pcf)	100% Dry Density (pcf)	Compaction Achieved (%)	Compaction Required (%)
1	See Attached Sketch	490.5	11.5	9.1	115.1	127.8	90.1	90.0
2	See Attached Sketch	491.5	11.0	9.1	115.1	127.8	90.1	90.0
3	See Attached Sketch	492.5	12.2	9.1	118.1	127.8	92.4	90.0
4	See Attached Sketch	493.0	14.0	9.1	119.4	127.8	93.4	90.0
5	See Attached Sketch	494.0	12.8	9.1	119.1	127.8	93.2	90.0
6	See Attached Sketch	495.0	14.0	9.1	121.2	127.8	94.8	90.0
7	See Attached Sketch	484.0	12.8	8.4	118.7	128.3	92.5	90.0
8	See Attached Sketch	485.0	11.9	8.4	119.1	128.3	92.8	90.0
9*	See Attached Sketch	485.0	19.1	9.1	107.8	127.8	84.4	90.0

*This lift was removed due to high moisture content and low in-place field density test.





CME
Associates, Inc.

385 Sherman Street
Rochester, New York 14606
(585) 254-8740
(585) 254-1351 (Fax)
www.cmeassociates.com

Page 1 of 2

IN-PLACE FIELD DENSITY TEST REPORT

PROJECT: Photech Imaging – Rochester, NY **DATE:** 02/15/12
CLIENT: LaBella Associates, P.C. **REPORT NO.:** 37004S-34-0212
TEST METHOD: ASTM D6938-08a **REPRESENTATIVE:** P. Schedel, ICC
(Tests #1-6, 12-13) Recycled Concrete / Crushed Onsite;

MATERIAL TYPE/SOURCE: (Tests #7-11) Brown cmf SAND, little cmf GRAVEL, trace SILT/CLAY,
trace COBBLES / Elam Sand & Gravel – West Bloomfield, NY

WEATHER: Partly cloudy **TEMPERATURE:** 42 °F

REMARKS:

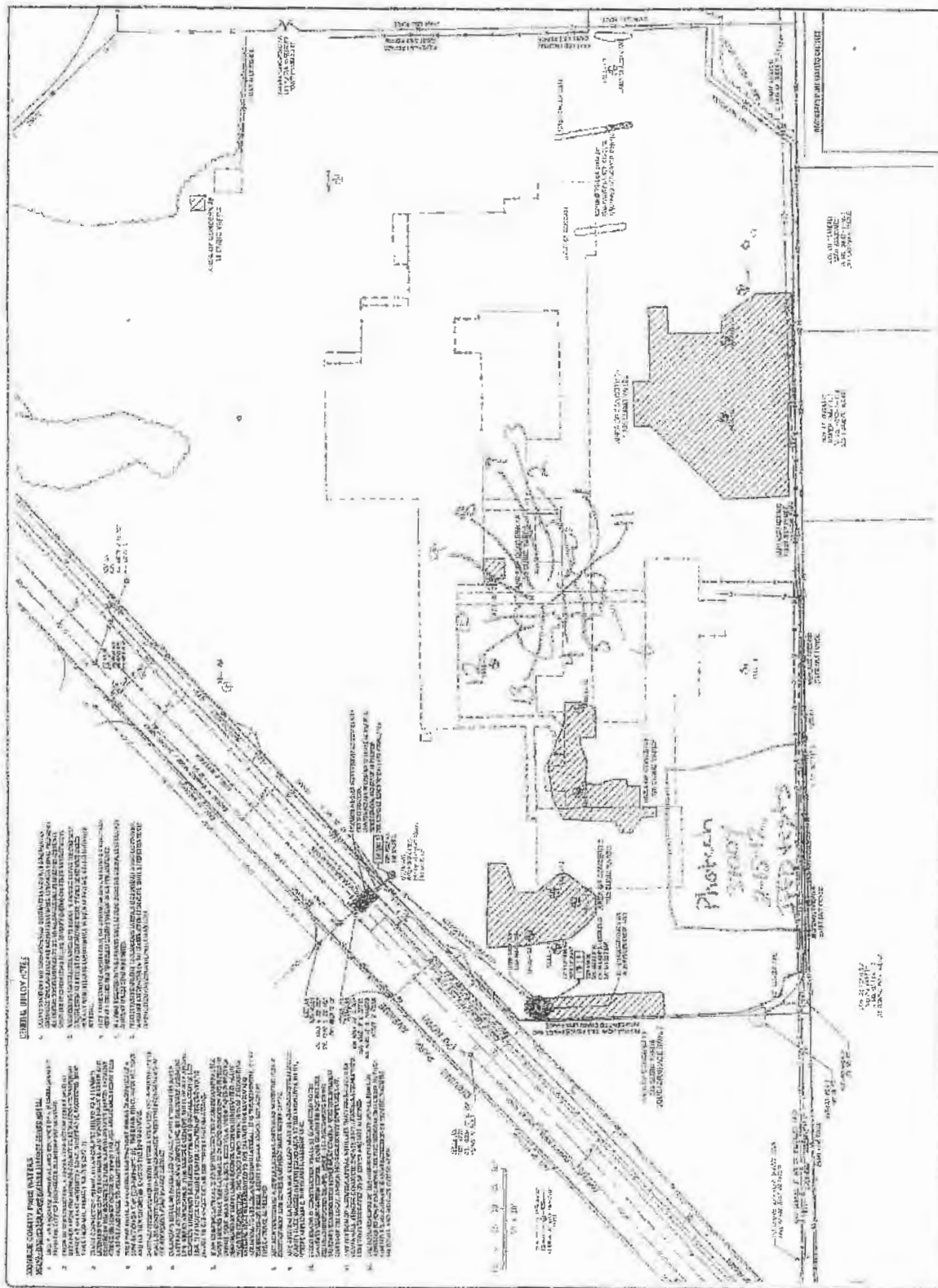
This representative was onsite at the above referenced project to conduct in place field density tests on material placed as trench backfill at the watermain and foundation removal locations. Lift placement and compaction were conducted in this representative's presence. A self-propelled sheeps foot roller, both in static and vibratory modes, was used for compaction.

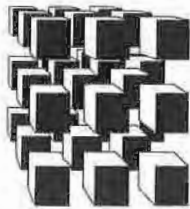
The test results indicate that the required percentage of compaction was achieved at the locations and elevations shown below.

Jay Goggin with Foundation Design was present and informed of today's test results.

RESULTS:

Test #	Test Location	Test Elevation	Moisture Content (%)	OMC (%)	Field Dry Density (pcf)	100% Dry Density (pcf)	Compaction Achieved (%)	Compaction Required (%)
1	See Attached Sketch	487.5	11.1	9.1	117.2	127.8	91.7	90.0
2	See Attached Sketch	488.5	12.5	9.1	119.4	127.8	93.4	90.0
3	See Attached Sketch	490.0	12.2	9.1	117.0	127.8	91.5	90.0
4	See Attached Sketch	491.5	14.1	9.1	116.0	127.8	90.8	90.0
5	See Attached Sketch	493.0	12.9	9.1	115.4	127.8	90.3	90.0
6	See Attached Sketch	494.0	14.0	9.1	115.1	127.8	90.1	90.0
7	See Attached Sketch	489.0	6.7	7.7	122.1	129.1	94.6	90.0
8	See Attached Sketch	492.5	7.7	7.7	120.3	129.1	93.2	90.0
9	See Attached Sketch	493.0	6.8	7.7	120.0	129.1	93.0	90.0
10	See Attached Sketch	490.0	8.8	7.7	118.5	129.1	90.8	90.0
11	See Attached Sketch	491.5	8.8	7.7	118.5	129.1	90.8	90.0
12	See Attached Sketch	492.5	13.5	9.1	118.9	127.8	93.0	90.0
13	See Attached Sketch	494.0	13.5	9.1	118.2	127.8	92.5	90.0





CME
Associates, Inc.

385 Sherman Street
Rochester, New York 14606
(585) 254-8740
(585) 254-1351 (Fax)
www.cmeassociates.com

Page 1 of 2

IN-PLACE FIELD DENSITY TEST REPORT

PROJECT: Phototech Imaging – Rochester, NY **DATE:** 02/16/12
CLIENT: LaBella Associates, P.C. **REPORT NO.:** 37004S-35-0212
TEST METHOD: ASTM D6938-08a **REPRESENTATIVE:** P. Schedel, ICC
MATERIAL TYPE/SOURCE: Brown CLAY/SILT, and cmf GRAVEL, some cmf SAND /
Onsite Material from Southeast Corner of Jobsite
WEATHER: Cloudy, rain **TEMPERATURE:** 42 °F

REMARKS:

This representative was onsite at the above referenced project to conduct in place field density tests on material placed as trench backfill at the watermain removal location. Lift placement and compaction was conducted in this representative's presence. A high moisture content was noted by onsite test results and laboratory data. Each lift was compacted to a maximum density value obtainable with the condition of today's material. A "peaking the gauge" compaction method was conducted by the request of Jay Goggin with Foundation Design. A self-propelled sheep's foot roller, in static and vibratory modes, was used for compaction.

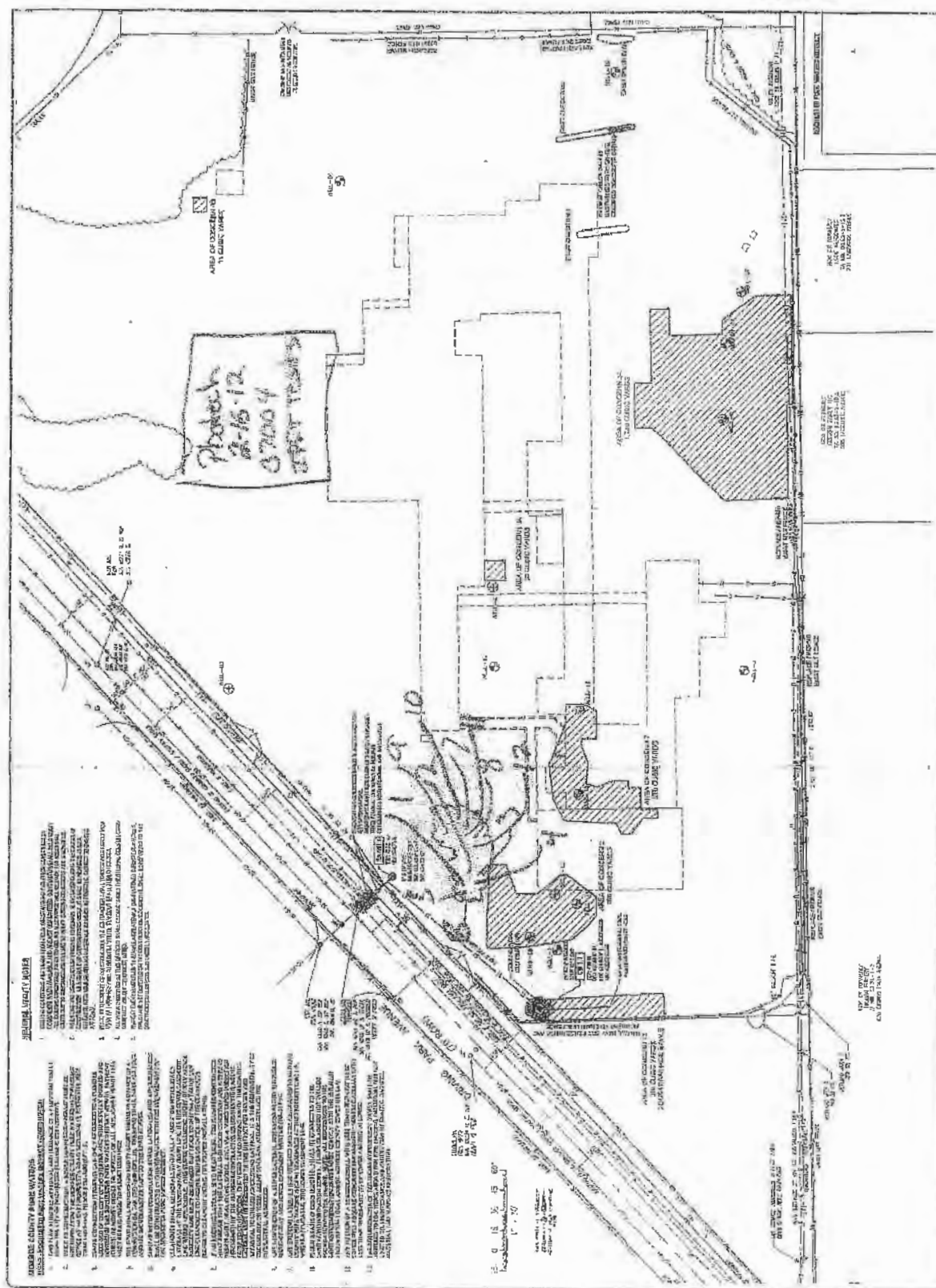
A sample of the material was obtained for laboratory compaction testing. Upon completion of the laboratory compaction test, the percent compaction achieved was calculated.

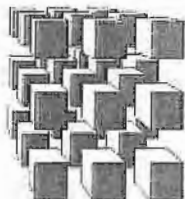
The test results indicate that the required percentage of compaction was not achieved at the locations and elevations shown below, except at location #8. This will be listed as NCDD #2 on CME's List of Non-Conformance, Deviations and Deficiencies.

Jay Goggin with Foundation Design was present and informed of today's test results.

RESULTS:

Test #	Test Location	Test Elevation	Moisture Content (%)	OMC (%)	Field Dry Density (pcf)	100% Dry Density (pcf)	Compaction Achieved (%)	Compaction Required (%)
1	See Attached Sketch	488.0	16.0	10.5	110.1	127.3	86.5	90.0
2	See Attached Sketch	489.0	14.9	10.5	111.0	127.3	87.2	90.0
3	See Attached Sketch	490.0	15.5	10.5	110.2	127.3	86.6	90.0
4	See Attached Sketch	491.5	12.7	10.5	111.5	127.3	87.6	90.0
5	See Attached Sketch	493.0	14.1	10.5	110.0	127.3	86.4	90.0
6	See Attached Sketch	494.0	15.4	10.5	109.9	127.3	86.3	90.0
7	See Attached Sketch	489.0	12.0	10.5	111.0	127.3	87.2	90.0
8	See Attached Sketch	490.5	11.2	10.5	122.6	127.3	96.3	90.0
9	See Attached Sketch	491.5	15.8	10.5	109.9	127.3	86.3	90.0
10	See Attached Sketch	492.0	16.0	10.5	109.5	127.3	86.0	90.0
11	See Attached Sketch	493.0	15.5	10.5	108.9	127.3	85.5	90.0
12	See Attached Sketch	494.5	16.0	10.5	110.0	127.3	86.4	90.0





CME
Associates, Inc.

385 Sherman Street
Rochester, New York 14606
(585) 254-8740
(585) 254-1351 (Fax)
www.cmeassociates.com

Page 1 of 2

LABORATORY TEST REPORT

Project Title: Photech Imaging – Rochester, NY
Client Name: LaBella Associates, P.C.
Sampled By: CME Associate-BM

Report No.: 37004S-36-0212
Date Sampled: 02/10/12
Date Completed: 02/21/12

1) Material Identification (ASTM D-2488-Visual-Manual):

Sample ID	Material Description	Unified Classification	Material Source	Proposed Use/Location
RL10030	Brown cmf GRAVEL, and cmf SAND, trace SILT	GM	AOC 7	Fill

2) Mechanical Analysis (ASTM C-136, D-1140):

Sieve Size	Percent Passing by Weight			
	RL10030			
2"	100			
1"	81			
3/4"	73			
1/2"	64			
1/4"	51			
No. 4	46			
No. 10	37			
No. 40	21			
No. 100	12			
No. 200 (wash)	8.1			

3) Moisture Density Relationship (ASTM D-1557, D-4718, C-127):

	RL10030			
Corrected Maximum Dry Density (pcf):	121.5			
Corrected Optimum Moisture Content (%):	11.1			
Procedure Used:	D-1557-C			
Preparation Method Used:	Wet			
As Received Water Content:	6.5%			
Oversize Separation Sieve:	3/4"			
Percent Oversize Fraction by Weight:	26.7			
Specific Gravity of Oversize Portion:	2.20			

The Moisture Density Relationship Curve is attached. Please feel free to contact our office should you have any questions.

Respectfully submitted:
CME Associates, Inc.

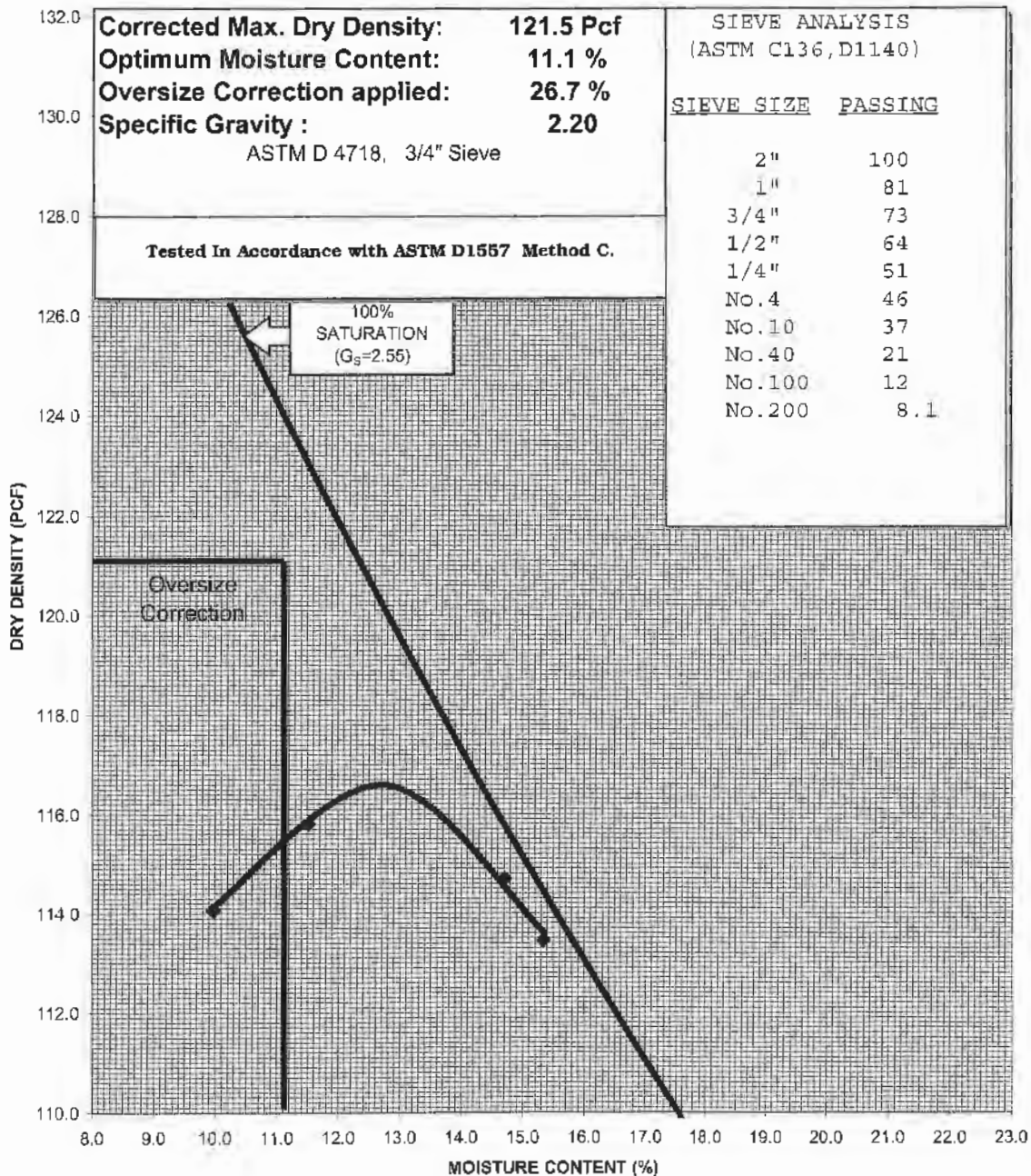
E. Randail Holbrook
Senior Laboratory Technician

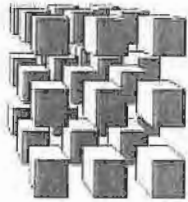
Setting the Blueprint for Quality and Customer Satisfaction



CLIENT:	LaBella Associates, P.C.	REPORT No.:	37004S-36-0212
PROJECT:	Photech Imaging – Rochester, NY	SAMPLE No.:	RL10030
SAMPLE LOCATION:	AOC 7	DATE PICKED UP:	02/10/12
		PAGE:	2 of 2
SOIL CLASSIFICATION:	Brown cmf GRAVEL, and cmf SAND, trace SILT		

MOISTURE-DENSITY RELATIONSHIP CURVE





CME

Associates, Inc.

385 Sherman Street
Rochester, New York 14606
(585) 254-8740
(585) 254-1351 (Fax)
www.cmeassociates.com

Page 1 of 2

LABORATORY TEST REPORT

Project Title: Phototech Imaging – Rochester, NY
Client Name: LaBella Associates, P.C.
Sampled By: CME Associate-PS

Report No.: 37004S-37-0212
Date Sampled: 02/16/12
Date Completed: 02/21/12

1) Material Identification (ASTM D-2488-Visual-Manual):

Sample ID	Material Description	Unified Classification	Material Source	Proposed Use/Location
RL10037	Brown CLAY/SILT, and cmf GRAVEL, some cmf SAND	SC/SM	Onsite Material from Southeast Corner of Jobsite	Backfill

2) Mechanical Analysis (ASTM C-136, D-1140):

Sieve Size	Percent Passing by Weight			
	RL10037			
2"	100			
1"	95			
3/4"	92			
1/2"	86			
1/4"	70			
No. 4	63			
No. 10	58			
No. 40	50			
No. 100	44			
No. 200 (wash)	39			

3) Moisture Density Relationship (ASTM D-1557, D-4718, C-127):

	RL10037			
Corrected Maximum Dry Density (pcf):	127.3			
Corrected Optimum Moisture Content (%):	10.5			
Procedure Used:	D-1557-C			
Preparation Method Used:	Wet			
As Received Water Content:	14.0%			
Oversize Separation Sieve:	3/4"			
Percent Oversize Fraction by Weight:	8.3			
Specific Gravity of Oversize Portion:	2.59			

The Moisture Density Relationship Curve is attached. Please feel free to contact our office should you have any questions.

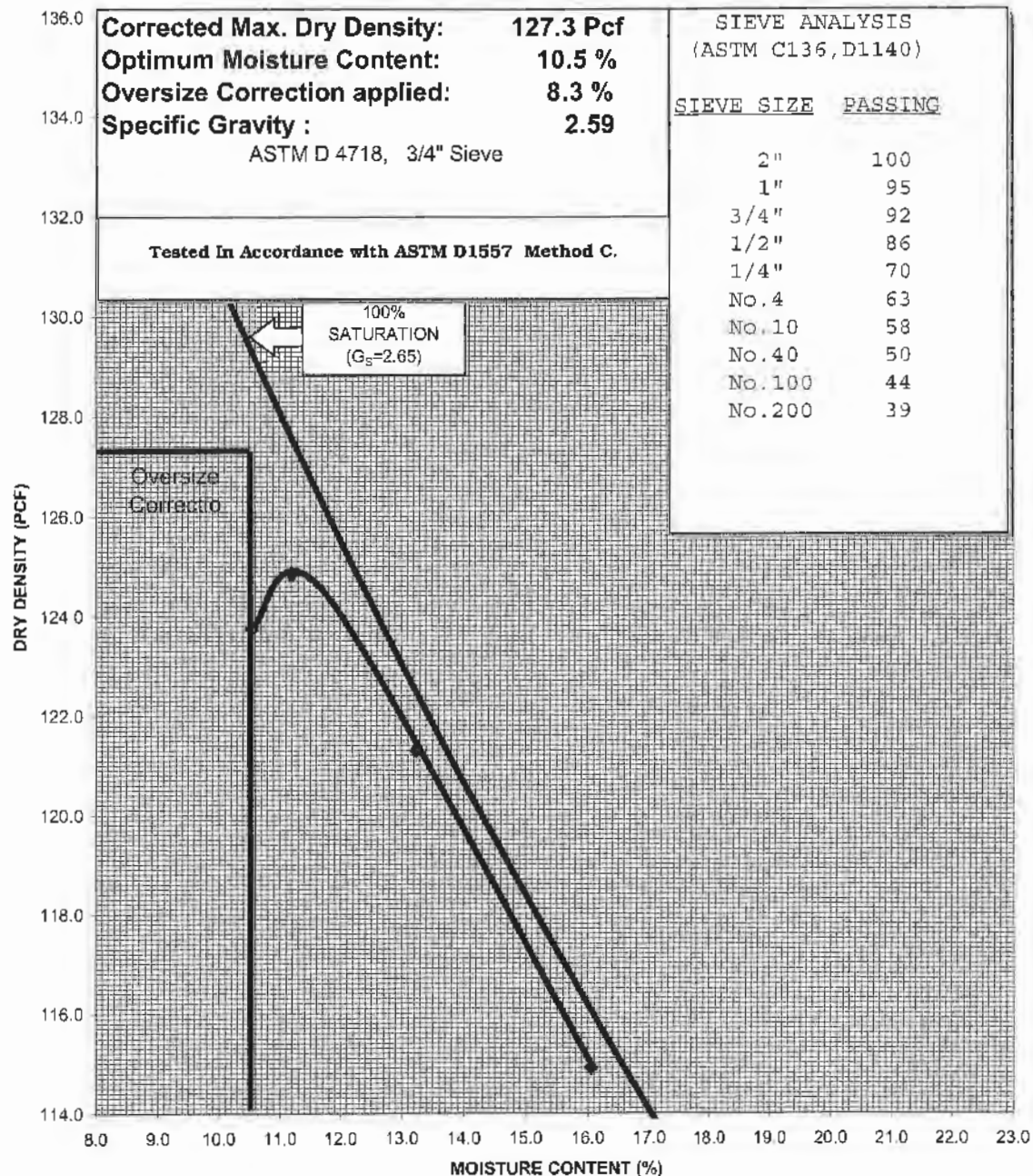
Respectfully submitted:
CME Associates, Inc.

E. Randall Holbrook
Senior Laboratory Technician



CLIENT:	LaBella Associates, P.C.	REPORT No.:	37004S-37-0212
PROJECT:	Photech Imaging – Rochester, NY	SAMPLE No.:	RL10037
SAMPLE LOCATION:	Onsite Material from Southeast Corner of Jobsite	DATE PICKED UP:	02/16/12
		PAGE:	2 of 2
SOIL CLASSIFICATION:	Brown CLAY/SILT, and cmf GRAVEL, some cmf SAND		

MOISTURE-DENSITY RELATIONSHIP CURVE





CME
Associates, Inc.

385 Sherman Street
Rochester, New York 14606
(585) 254-8740
(585) 254-1351 (Fax)
www.cmeassociates.com

Page 1 of 1

IN-PLACE FIELD DENSITY TEST REPORT

PROJECT: Phototech Imaging – Rochester, NY **DATE:** 02/10/12
CLIENT: LaBella Associates, P.C. **REPORT NO.:** 37004S-38-0212
TEST METHOD: ASTM D6938-08a **REPRESENTATIVE:** B. Murray, ICC
MATERIAL TYPE/SOURCE: Test #1: Brown cmf SAND, little cmf GRAVEL, trace SILT/CLAY, trace COBBLES/Elam Sand & Gravel, W. Bloomfield
Tests #2-4: Brown SILT/CLAY, some cmf SAND, some cmf GRAVEL/Building 6, 16 East Wall Middle
WEATHER: Overcast **TEMPERATURE:** 29 °F

REMARKS:

This representative was onsite at the above referenced project to perform in place field density tests on material placed and compacted by Trec using a large self propelled roller for the AOC 1A waterline trench

The test results indicate that the required percentage of compaction was achieved at the locations and elevations shown below.

Jay Goggin with Foundation Design was present and informed of today's test results.

NOTE: AOC = Area of Concern

RESULTS:

Test #	Test Location	Test Elevation	Moisture Content (%)	OMC (%)	Field Dry Density (pcf)	100% Dry Density (pcf)	Compaction Achieved (%)	Compaction Required (%)
1	East 1/3 AOC 1A Water Line Trench	Lift 4	11.2	7.7	122.1	129.1	94.6	90.0
2	East 1/3 AOC 1A Water Line Trench	Lift 5	12.4	8.1	123.5	134.2	92.0	90.0
3	East 1/3 AOC 1A Water Line Trench	Lift 6	12.6	8.1	123.1	134.2	91.7	90.0
4	East 1/3 AOC 1A Water Line Trench	Lift 7	12.4	8.1	125.3	134.2	93.0	90.0



CME
Associates, Inc.

385 Sherman Street
Rochester, New York 14606
(585) 254-8740
(585) 254-1351 (Fax)
www.cmeassociates.com

Page 1 of 2

IN-PLACE FIELD DENSITY TEST REPORT

PROJECT: Photech Imaging – Rochester, NY **DATE:** 02/13/12
CLIENT: LaBella Associates, P.C. **REPORT NO.:** 37004S-39-0212
TEST METHOD: ASTM D6938-08a **REPRESENTATIVE:** M. Lenzi, ICC
MATERIAL TYPE/SOURCE: Tests #1-2: Recycled Concrete/Crushed Onsite
Tests #3-6: Brown cmf SAND and SILT/CLAY, some cmf
GRAVEL/Building 6, 16 Northwest Corner
WEATHER: Clear **TEMPERATURE:** 30 °F

REMARKS:

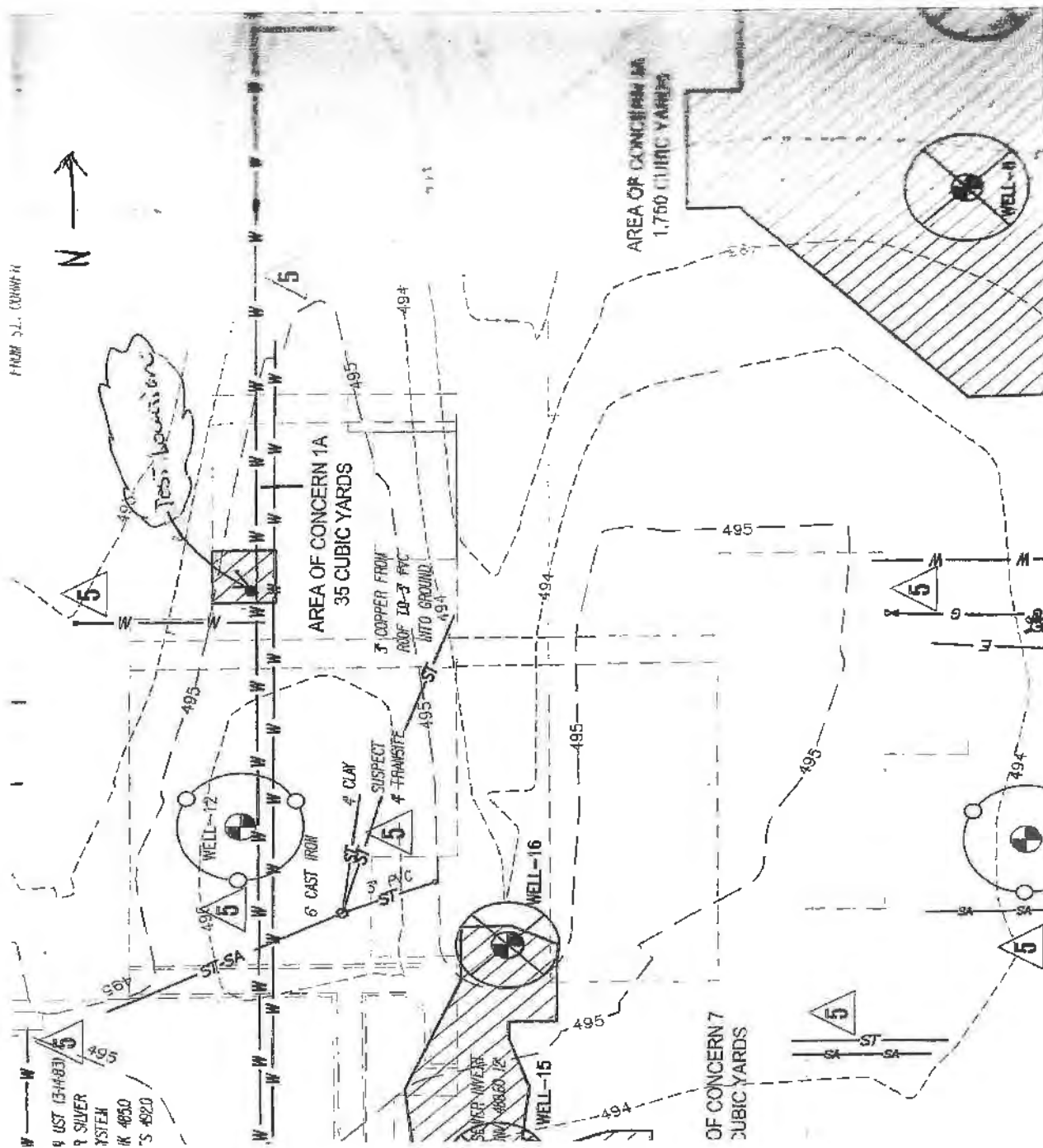
This representative was onsite at the above referenced project to perform in place field density tests on the backfill of the removed waterline.

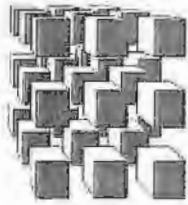
The test results indicate that the required percentage of compaction was achieved at the locations and elevations shown below.

Jay Goggin with Foundation Design was present and informed of today's test results.

RESULTS:

Test #	Test Location	Test Elevation	Moisture Content (%)	OMC (%)	Field Dry Density (pcf)	100% Dry Density (pcf)	Compaction Achieved (%)	Compaction Required (%)
1	See Attached Sketch	486'	13.3	9.1	121.5	127.8	95.1	90.0
2	See Attached Sketch	487'	13.8	9.1	120.8	127.8	94.5	90.0
3	See Attached Sketch	488'	13.5	8.4	120.7	132.6	92.1	90.0
4	See Attached Sketch	489'	13.9	8.4	119.6	132.6	90.2	90.0
5	See Attached Sketch	490'	14.9	8.4	119.6	132.6	90.2	90.0
6	See Attached Sketch	491'	14.9	8.4	119.7	132.6	90.3	90.0





CME
Associates, Inc.

385 Sherman Street
Rochester, New York 14606
(585) 254-8740
(585) 254-1351 (Fax)
www.cmeassociates.com

Page 1 of 1

DAILY PROGRESS REPORT

PROJECT: Photech Imaging -- Rochester, NY	REPORT NO.: 37004S-40-0212
CLIENT: LaBella Associates, P.C.	REPRESENTATIVE: P. Schedel, ICC
DATE: 02/21/12 WEATHER: Cloudy	TEMPERATURE: 40 °F

This representative was onsite at the above referenced project to perform in-place field density testing for the entire day. No density tests were conducted due to unforeseen delays.



CME
Associates, Inc.

385 Sherman Street
Rochester, New York 14606
(585) 254-8740
(585) 254-1351 (Fax)
www.cmeassociates.com

Page 1 of 2

IN-PLACE FIELD DENSITY TEST REPORT

PROJECT:	Photech Imaging – Rochester, NY	DATE:	02/09/12
CLIENT:	LaBella Associates, P.C.	REPORT NO.:	37004S-41-0212
TEST METHOD:	ASTM D6938-08a	REPRESENTATIVE:	D. Stern, NICET II
MATERIAL TYPE/SOURCE:	Brown cmf SAND, little SILT, trace cmf GRAVEL / Elam Sand & Gravel – West Bloomfield, NY		
WEATHER:	Clear	TEMPERATURE:	40 °F

REMARKS:

This representative was onsite at the above referenced project to conduct in place field density tests on compacted trench backfill placed by TREC Environmental.

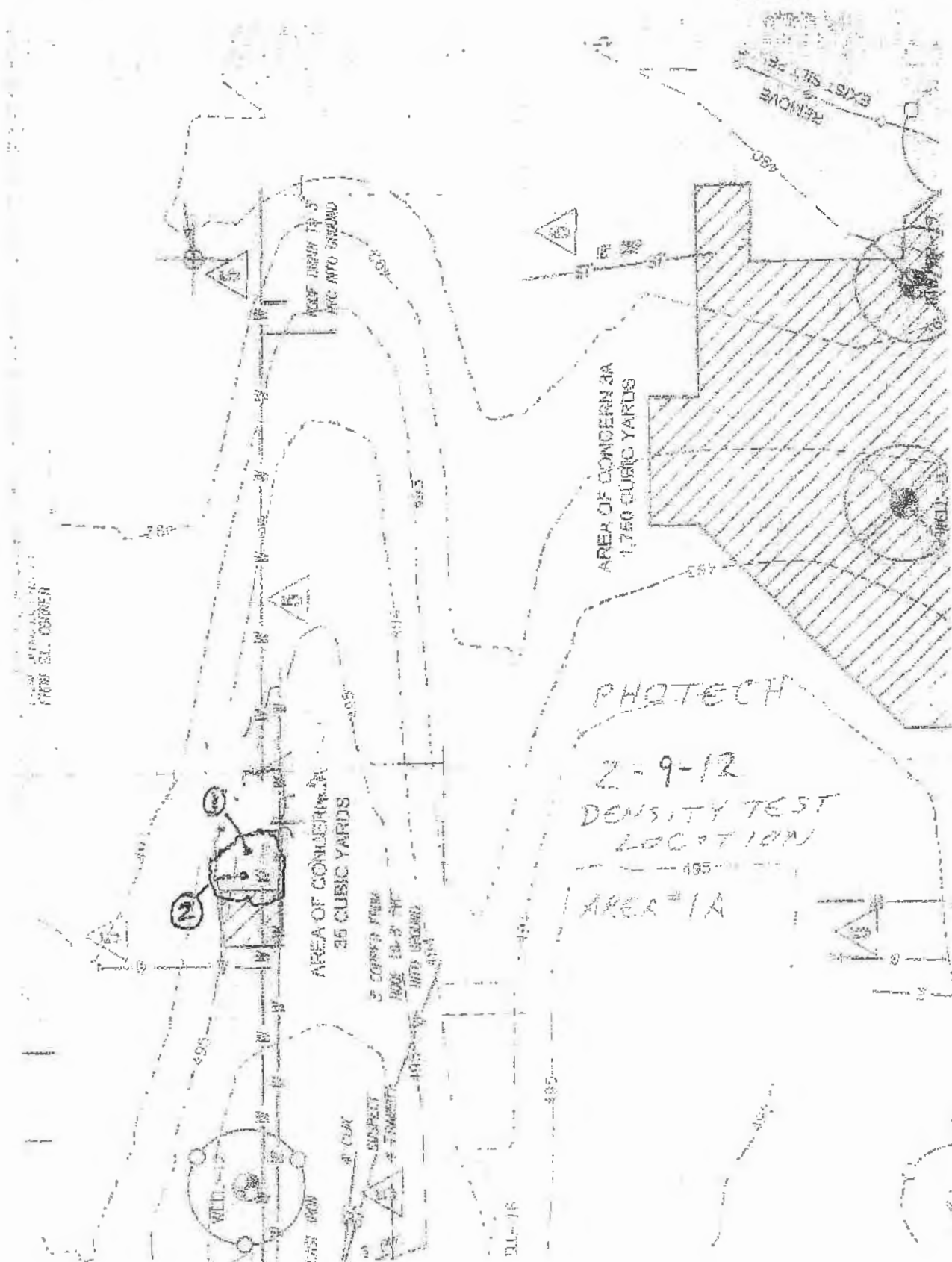
The test results indicate that the required percentage of compaction was achieved at the locations and elevations shown below.

Representatives with TREC Environmental and Jay Goggin with Foundation Design were informed of today's test results.

Note: BG = Below Grade

RESULTS:

Test #	Test Location	Test Elevation	Moisture Content (%)	OMC (%)	Field Dry Density (pcf)	100% Dry Density (pcf)	Compaction Achieved (%)	Compaction Required (%)
1	See Attached Sketch	Third Lift (approx. -7' BG)	11.3	8.4	125.5	128.3	97.8	90.0
2	See Attached Sketch	Fourth Lift	9.7	8.4	129.9	128.3	101.2	90.0





CME
Associates, Inc.

385 Sherman Street
Rochester, New York 14606
(585) 254-8740
(585) 254-1351 (Fax)
www.cmeassociates.com

Page 1 of 2

IN-PLACE FIELD DENSITY TEST REPORT

PROJECT: Phototech Imaging – Rochester, NY **DATE:** 02/10/12
CLIENT: LaBella Associates, P.C. **REPORT NO.:** 37004S-42-0212
TEST METHOD: ASTM D6938-08a **REPRESENTATIVE:** D. Stern, NICET II
MATERIAL TYPE/SOURCE: Brown cmf SAND, little SILT, trace cmf GRAVEL /
Elam Sand & Gravel – West Bloomfield, NY
WEATHER: Clear **TEMPERATURE:** - °F

REMARKS:

This representative was onsite at the above referenced project to conduct in place field density tests on compacted trench backfill placed by TREC Environmental.

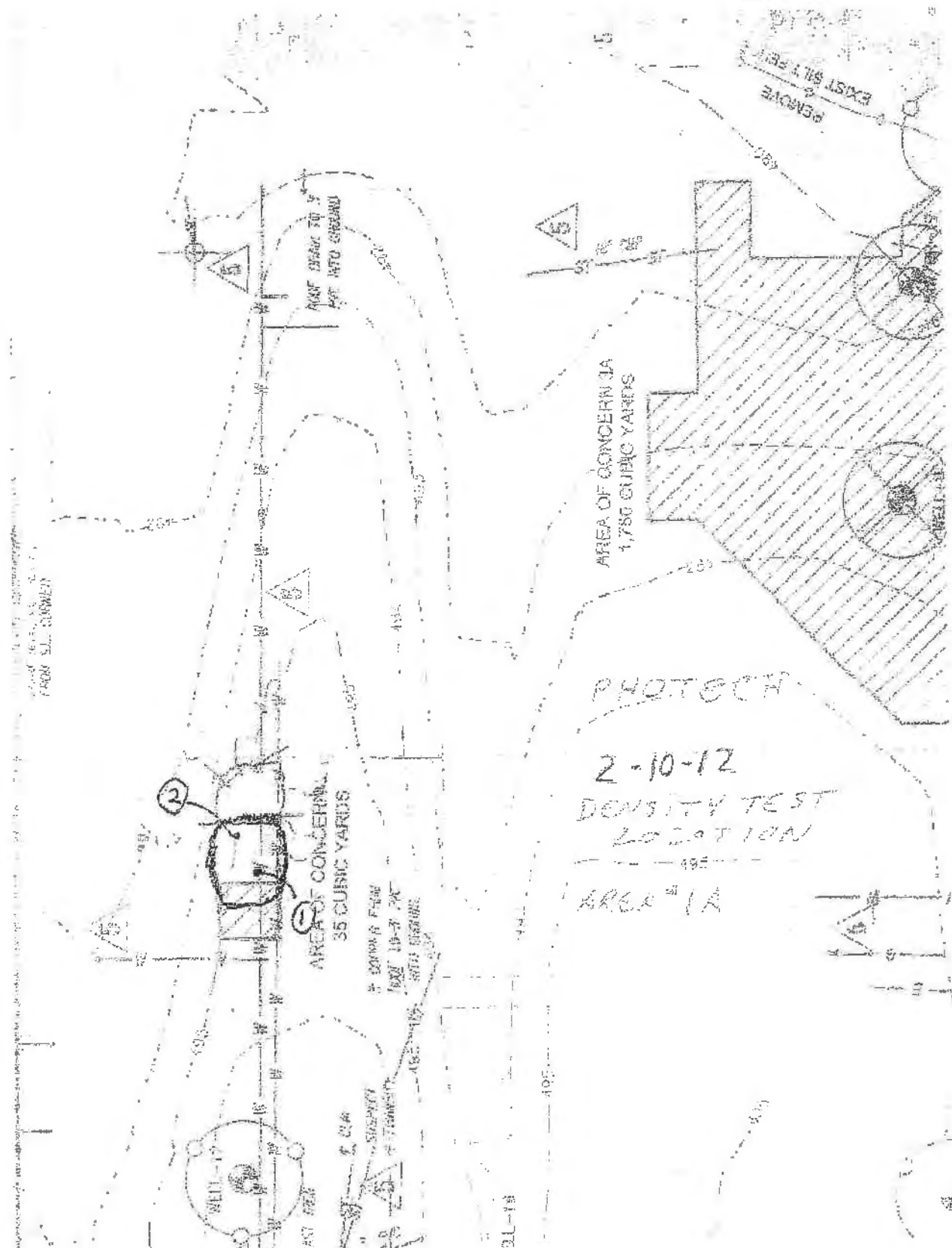
The test results indicate that the required percentage of compaction was achieved at the locations and elevations shown below.

Representatives with TREC Environmental and Jay Goggin with Foundation Design were informed of today's test results.

Note: BG = Below Grade

RESULTS:

Test #	Test Location	Test Elevation	Moisture Content (%)	OMC (%)	Field Dry Density (pcf)	100% Dry Density (pcf)	Compaction Achieved (%)	Compaction Required (%)
1	See Attached Sketch	Fifth Lift (approx. -5' BG)	8.9	8.4	127.3	128.3	99.2	90.0
2	See Attached Sketch	Sixth Lift	10.7	8.4	126.3	128.3	98.4	90.0





CME
Associates, Inc.

385 Sherman Street
Rochester, New York 14606
(585) 254-8740
(585) 254-1351 (Fax)
www.cmeassociates.com

Page 1 of 1

DAILY PROGRESS REPORT

PROJECT: Phototech Imaging – Rochester, NY	REPORT NO.: 37004S-43-0212
CLIENT: LaBella Associates, P.C.	REPRESENTATIVE: D. Stern
DATE: 02/17/12 WEATHER: Clear	TEMPERATURE: 40 °F

This representative was onsite at the above referenced project to perform in-place field density testing on compacted fills to be placed by TREC Environmental.

Upon arrival onsite, efforts were underway by TREC to locate existing underground utilities for excavation. At approximately 11:00 am this representative was informed by LaBella representatives that no backfill would be placed today.



CME
Associates, Inc.

385 Sherman Street
Rochester, New York 14606
(585) 254-8740
(585) 254-1351 (Fax)
www.cmeassociates.com

Page 1 of 2

IN-PLACE FIELD DENSITY TEST REPORT

PROJECT: Photech Imaging – Rochester, NY **DATE:** 02/23/12
CLIENT: LaBella Associates, P.C. **REPORT NO.:** 37004S-44-0212
TEST METHOD: ASTM D6938-08a **REPRESENTATIVE:** M. Lenzi, ICC
MATERIAL TYPE/SOURCE: Brown cmf GRAVEL and cmf SAND, trace SILT / AOC 7
WEATHER: Cloudy **TEMPERATURE:** 40 °F

REMARKS:

This representative was onsite at the above referenced project to conduct in place field density tests on the backfill of area of concern #2.

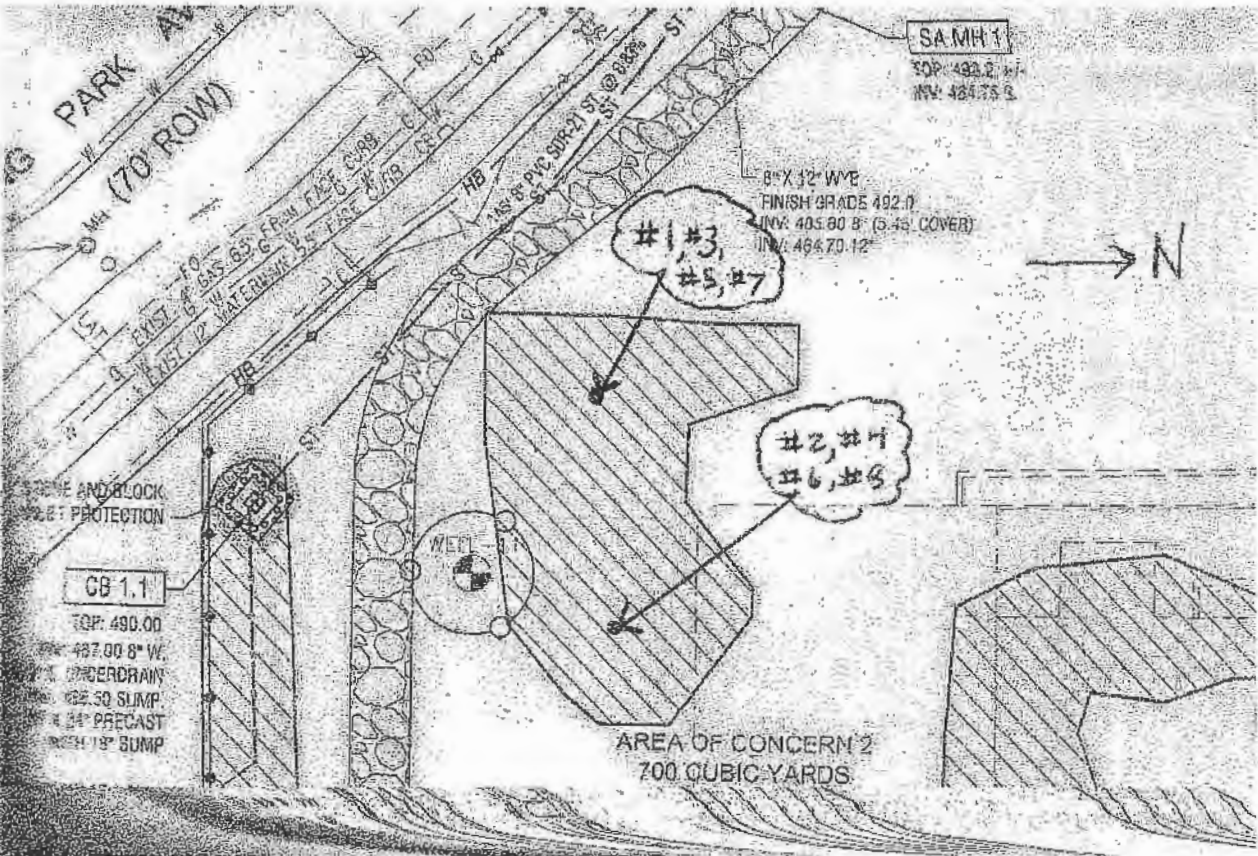
The test results indicate that the required percentage of compaction was achieved at the locations and elevations shown below.

Jay Goggin with Foundation Design was informed of today's test results.

Note: BEG = Below Existing Grade

RESULTS:

Test #	Test Location	Test Elevation	Moisture Content (%)	OMC (%)	Field Dry Density (pcf)	100% Dry Density (pcf)	Compaction Achieved (%)	Compaction Required (%)
1	See Attached Sketch	-6' BEG	15.1	11.1	115.4	121.5	95.0	95.0
2	See Attached Sketch	-6' BEG	14.5	11.1	116.6	121.5	96.0	95.0
3	See Attached Sketch	-5' BEG	12.5	11.1	115.5	121.5	95.1	95.0
4	See Attached Sketch	-5' BEG	13.2	11.1	115.9	121.5	95.4	95.0
5	See Attached Sketch	-4' BEG	12.1	11.1	115.8	121.5	95.3	95.0
6	See Attached Sketch	-4' BEG	12.3	11.1	115.7	121.5	95.2	95.0
7	See Attached Sketch	-3' BEG	11.9	11.1	117.6	121.5	96.8	95.0
8	See Attached Sketch	-3' BEG	15.1	11.1	115.9	121.5	95.4	95.0





CME
Associates, Inc.

385 Sherman Street
Rochester, New York 14606
(585) 254-8740
(585) 254-1351 (Fax)
www.cmeassociates.com

Page 1 of 2

IN-PLACE FIELD DENSITY TEST REPORT

PROJECT: Phototech Imaging – Rochester, NY **DATE:** 02/24/12
CLIENT: LaBella Associates, P.C. **REPORT NO.:** 37004S-45-0212
TEST METHOD: ASTM D6938-08a **REPRESENTATIVE:** M. Lenzi, ICC
MATERIAL TYPE/SOURCE: Brown cmf GRAVEL and cmf SAND, trace SILT / AOC 7
WEATHER: Rain, cloudy **TEMPERATURE:** 39 °F

REMARKS:

This representative was onsite at the above referenced project to conduct in place field density tests on material placed as fill for the excavation of area of concern #2.

The test results indicate that the required percentage of compaction was achieved at the locations and elevations shown below.

Jay Goggin with Foundation Design was informed of today's test results.

Note: BEG = Below Existing Grade

RESULTS:

Test #	Test Location	Test Elevation	Moisture Content (%)	OMC (%)	Field Dry Density (pcf)	100% Dry Density (pcf)	Compaction Achieved (%)	Compaction Required (%)
1	See Attached Sketch	-2' BEG	12.9	11.1	116.8	121.5	96.1	95.0
2	See Attached Sketch	-2' BEG	12.8	11.1	115.8	121.5	95.3	95.0
3	See Attached Sketch	-1' BEG	12.4	11.1	116.4	121.5	95.8	95.0
4	See Attached Sketch	-1' BEG	12.7	11.1	115.8	121.5	95.3	95.0





CME
Associates, Inc.

385 Sherman Street
Rochester, New York 14606
(585) 254-8740
(585) 254-1351 (Fax)
www.cmeassociates.com

Page 1 of 2

IN-PLACE FIELD DENSITY TEST REPORT

PROJECT: Phototech Imaging – Rochester, NY **DATE:** 02/27/12
CLIENT: LaBella Associates, P.C. **REPORT NO.:** 37004S-46-0212
TEST METHOD: ASTM D6938-08a **REPRESENTATIVE:** P. Schedel, ICC
MATERIAL TYPE/SOURCE: Brown cmf GRAVEL and cmf SAND, trace SILT / AOC 7
WEATHER: Cloudy **TEMPERATURE:** 48 °F

REMARKS:

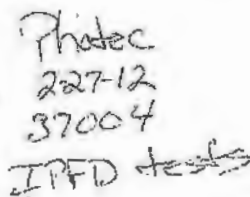
This representative was onsite at the above referenced project to conduct in place field density tests on material placed as trench backfill at drain line removal location. Lift placement and compaction was conducted in this representative's presence. A self-propelled sheeps foot roller in both static and vibratory modes was used for compaction.

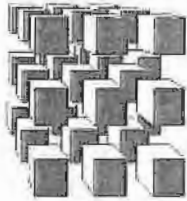
The test results indicate that the required percentage of compaction was achieved at the locations and elevations shown below.

Jay Goggin with Foundation Design was informed of today's test results.

RESULTS:

Test #	Test Location	Test Elevation	Moisture Content (%)	OMC (%)	Field Dry Density (pcf)	100% Dry Density (pcf)	Compaction Achieved (%)	Compaction Required (%)
1	See Attached Sketch	487.0	13.6	11.1	111.3	121.5	91.6	90.0
2	See Attached Sketch	488.0	15.2	11.1	110.0	121.5	90.5	90.0
3	See Attached Sketch	489.0	12.6	11.1	113.7	121.5	93.6	90.0
4	See Attached Sketch	490.0	13.3	11.1	113.0	121.5	93.0	90.0
5	See Attached Sketch	487.0	14.5	11.1	113.1	121.5	93.1	90.0
6	See Attached Sketch	488.5	11.9	11.1	114.3	121.5	94.1	90.0
7	See Attached Sketch	489.5	12.2	11.1	114.2	121.5	94.0	90.0





CME
Associates, Inc.

385 Sherman Street
Rochester, New York 14606
(585) 254-8740
(585) 254-1351 (Fax)
www.cmeassociates.com

Page 1 of 1

DAILY PROGRESS REPORT

PROJECT: Photech Imaging – Rochester, NY	REPORT NO.: 37004S-47-0212
CLIENT: LaBella Associates, P.C.	REPRESENTATIVE: B. Murray
DATE: 02/22/12	WEATHER: Partly cloudy
	TEMPERATURE: 32 °F

This representative was onsite at the above referenced project to perform in-place field density testing. Due to problems with the backfilling operation, no testing was performed today.

Jay Goggin with Foundation Design was informed of today's cancellation.



CME
Associates, Inc.

385 Sherman Street
Rochester, New York 14606
(585) 254-8740
(585) 254-1351 (Fax)
www.cmeassociates.com

Page 1 of 2

IN-PLACE FIELD DENSITY TEST REPORT

PROJECT: Phototech Imaging – Rochester, NY
CLIENT: LaBella Associates, P.C.
TEST METHOD: ASTM D6938-08a
MATERIAL TYPE/SOURCE: Brown cmf SAND and SILT/CLAY, some cmf GRAVEL /
Material from Building 6, 16 Northwest Corner
WEATHER: Sunny
DATE: 03/12/12
REPORT NO.: 37004S-48-0312
REPRESENTATIVE: P. Schedel, ICC
TEMPERATURE: 60 °F

REMARKS:

This representative was onsite at the above referenced project to conduct in place field density tests on material placed as mass fill. Lift placement and compaction was conducted in this representative's presence. A single drum earth roller in static and vibratory modes was used for compaction.

The test results indicate that the required percentage of compaction was achieved at the locations and elevations shown below.

Jay Goggin with Foundation Design was informed of today's test results.

RESULTS:

Test #	Test Location	Test Elevation	Moisture Content (%)	OMC (%)	Field Dry Density (pcf)	100% Dry Density (pcf)	Compaction Achieved (%)	Compaction Required (%)
1	See Attached Sketch	485.5	9.7	8.4	126.6	132.6	95.5	90.0
2	See Attached Sketch	485.5	13.2	8.4	122.5	132.6	92.3	90.0
3	See Attached Sketch	485.5	10.5	8.4	125.9	132.6	94.9	90.0
4	See Attached Sketch	486.5	10.8	8.4	127.4	132.6	96.1	90.0
5	See Attached Sketch	486.5	11.5	8.4	127.4	132.6	96.1	90.0
6	See Attached Sketch	486.5	11.0	8.4	124.0	132.6	93.5	90.0
7	See Attached Sketch	488.0	11.2	8.4	124.5	132.6	93.9	90.0
8	See Attached Sketch	488.0	10.9	8.4	122.7	132.6	92.5	90.0
9	See Attached Sketch	488.0	10.9	8.4	123.7	132.6	93.3	90.0

Index
3-12-12
37004
TFFD-12/12



CME
Associates, Inc.

385 Sherman Street
Rochester, New York 14606
(585) 254-8740
(585) 254-1351 (Fax)
www.cmeassociates.com

Page 1 of 2

IN-PLACE FIELD DENSITY TEST REPORT

PROJECT:	Photech Imaging – Rochester, NY	DATE:	03/05/12
CLIENT:	LaBella Associates, P.C.	REPORT NO.:	37004S-49-0312
TEST METHOD:	ASTM D6938-08a	REPRESENTATIVE:	M. Lenzi, ICC
MATERIAL TYPE/SOURCE:	Brown cmf SAND and SILT/CLAY, some cmf GRAVEL / Material from Building 6, 16 Northwest Corner		
WEATHER:	Cloudy	TEMPERATURE:	30 °F

REMARKS:

This representative was onsite at the above referenced project to conduct in place field density tests on material placed as fill for the excavated pipe in the Southeast corner of the site.

The test results indicate that the required percentage of compaction was not achieved at the locations and elevations shown below. This will be listed as NCDD #3 on CME's List of Non-Conformance, Deviations and Deficiencies.

Jay Goggin with Foundation Design was informed of today's test results.

RESULTS:

Test #	Test Location	Test Elevation	Moisture Content (%)	OMC (%)	Field Dry Density (pcf)	100% Dry Density (pcf)	Compaction Achieved (%)	Compaction Required (%)
1	See Attached Sketch	-6	16.5	8.4	102.5	132.6	91.1	95.0
2	See Attached Sketch	-5	16.7	8.4	109.1	132.6	82.3	95.0
3	See Attached Sketch	-3	16.4	8.4	108.7	132.6	82.0	95.0
4	See Attached Sketch	-2	16.3	8.4	107.9	132.6	81.4	95.0





CME
Associates, Inc.

385 Sherman Street
Rochester, New York 14606
(585) 254-8740
(585) 254-1351 (Fax)
www.cmeassociates.com

Page 1 of 2

IN-PLACE FIELD DENSITY TEST REPORT

PROJECT: Photech Imaging – Rochester, NY **DATE:** 03/06/12
CLIENT: LaBella Associates, P.C. **REPORT NO.:** 37004S-50-0312
TEST METHOD: ASTM D6938-08a **REPRESENTATIVE:** B. Murray, ICC
MATERIAL TYPE/SOURCE: Brown CLAY/SILT and cmf GRAVEL, some cmf SAND /
Onsite Material from Southeast Corner of Jobsite
WEATHER: Partly cloudy **TEMPERATURE:** - °F

REMARKS:

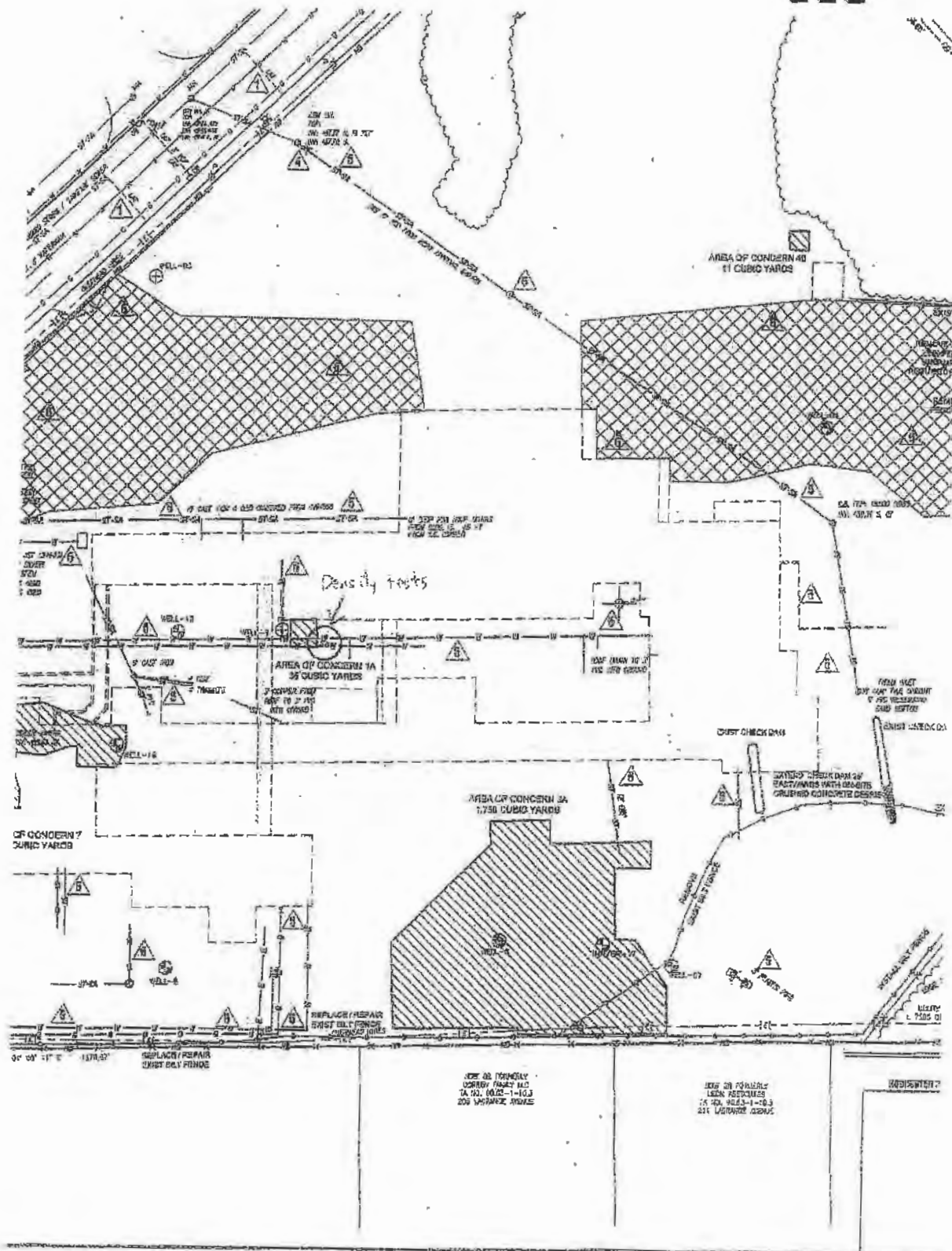
This representative was onsite at the above referenced project to conduct in place field density tests on material placed as backfill for the removed water line. A self-propelled roller was used for compaction.

The test results indicate that the required percentage of compaction was achieved at the locations and elevations shown below.

Jay Goggin with Foundation Design was informed of today's test results.

RESULTS:

Test #	Test Location	Test Elevation	Moisture Content (%)	OMC (%)	Field Dry Density (pcf)	100% Dry Density (pcf)	Compaction Achieved (%)	Compaction Required (%)
1	See Attached Sketch	-5'	13.5	10.5	114.8	127.3	90.2	90.0
2	See Attached Sketch	-4'	14.2	10.5	116.5	127.3	91.5	90.0
3	See Attached Sketch	-3'	12.8	10.5	114.9	127.3	90.2	90.0
4	See Attached Sketch	-2'	14.2	10.5	117.8	127.3	92.5	90.0
5	See Attached Sketch	-18"	13.1	10.5	117.4	127.3	92.2	90.0
6	See Attached Sketch	-12"	12.4	10.5	117.9	127.3	92.6	90.0
7	See Attached Sketch	-6"	14.2	10.5	119.7	127.3	94.0	90.0



Density test locations 3/6/12



CME
Associates, Inc.

385 Sherman Street
Rochester, New York 14606
(585) 254-8740
(585) 254-1351 (Fax)
www.cmeassociates.com

Page 1 of 2

IN-PLACE FIELD DENSITY TEST REPORT

PROJECT: Photech Imaging -- Rochester, NY **DATE:** 03/07/12
CLIENT: LaBella Associates, P.C. **REPORT NO.:** 37004S-51-0312
TEST METHOD: ASTM D6938-08a **REPRESENTATIVE:** B. Murray, ICC
MATERIAL TYPE/SOURCE: Brown CLAY/SILT and cmf GRAVEL, some cmf SAND /
Onsite Material from Southeast Corner of Jobsite
WEATHER: Clear **TEMPERATURE:** 55 °F

REMARKS:

This representative was onsite at the above referenced project to conduct in place field density tests on material placed as backfill for the removed water line. A self-propelled roller was used for compaction.

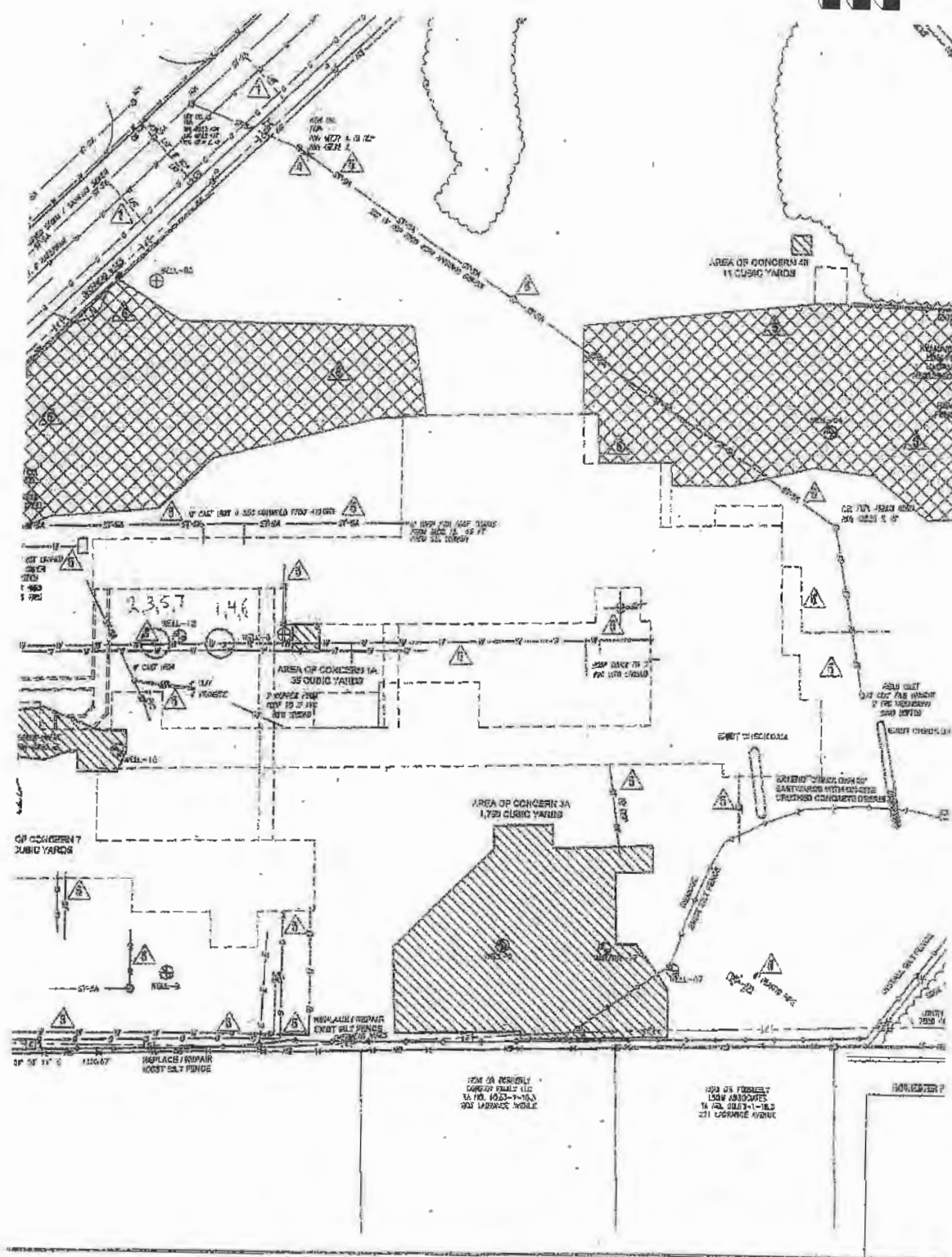
The test results indicate that the required percentage of compaction was achieved at the locations and elevations shown below.

Jay Goggin with Foundation Design was informed of today's test results.

Note: Elevations are taken from finished grade

RESULTS:

Test #	Test Location	Test Elevation	Moisture Content (%)	OMC (%)	Field Dry Density (pcf)	100% Dry Density (pcf)	Compaction Achieved (%)	Compaction Required (%)
1	See Attached Sketch	-6'	12.2	10.5	115.8	127.3	91.0	90.0
2	See Attached Sketch	-5'	11.9	10.5	117.5	127.3	92.3	90.0
3	See Attached Sketch	-4'	11.5	10.5	114.6	127.3	90.0	90.0
4	See Attached Sketch	-3'	13.7	10.5	118.6	127.3	93.2	90.0
5	See Attached Sketch	-2'	12.3	10.5	121.4	127.3	95.4	90.0
6	See Attached Sketch	-1'	13.0	10.5	116.1	127.3	91.6	90.0
7	See Attached Sketch	0	12.8	10.5	114.7	127.3	90.1	90.0



Density test locations 3/7/12



CME
Associates, Inc.

385 Sherman Street
Rochester, New York 14606
(585) 254-8740
(585) 254-1351 (Fax)
www.cmeassociates.com

Page 1 of 2

IN-PLACE FIELD DENSITY TEST REPORT

PROJECT: Phototech Imaging – Rochester, NY **DATE:** 03/09/12
CLIENT: LaBella Associates, P.C. **REPORT NO.:** 37004S-52-0312
TEST METHOD: ASTM D6938-08a **REPRESENTATIVE:** B. Murray, ICC
MATERIAL TYPE/SOURCE: Brown CLAY/SILT and cmf GRAVEL, some cmf SAND /
Onsite Material from Southeast Corner of Jobsite
WEATHER: Partly cloudy, snow **TEMPERATURE:** 29 °F

REMARKS:

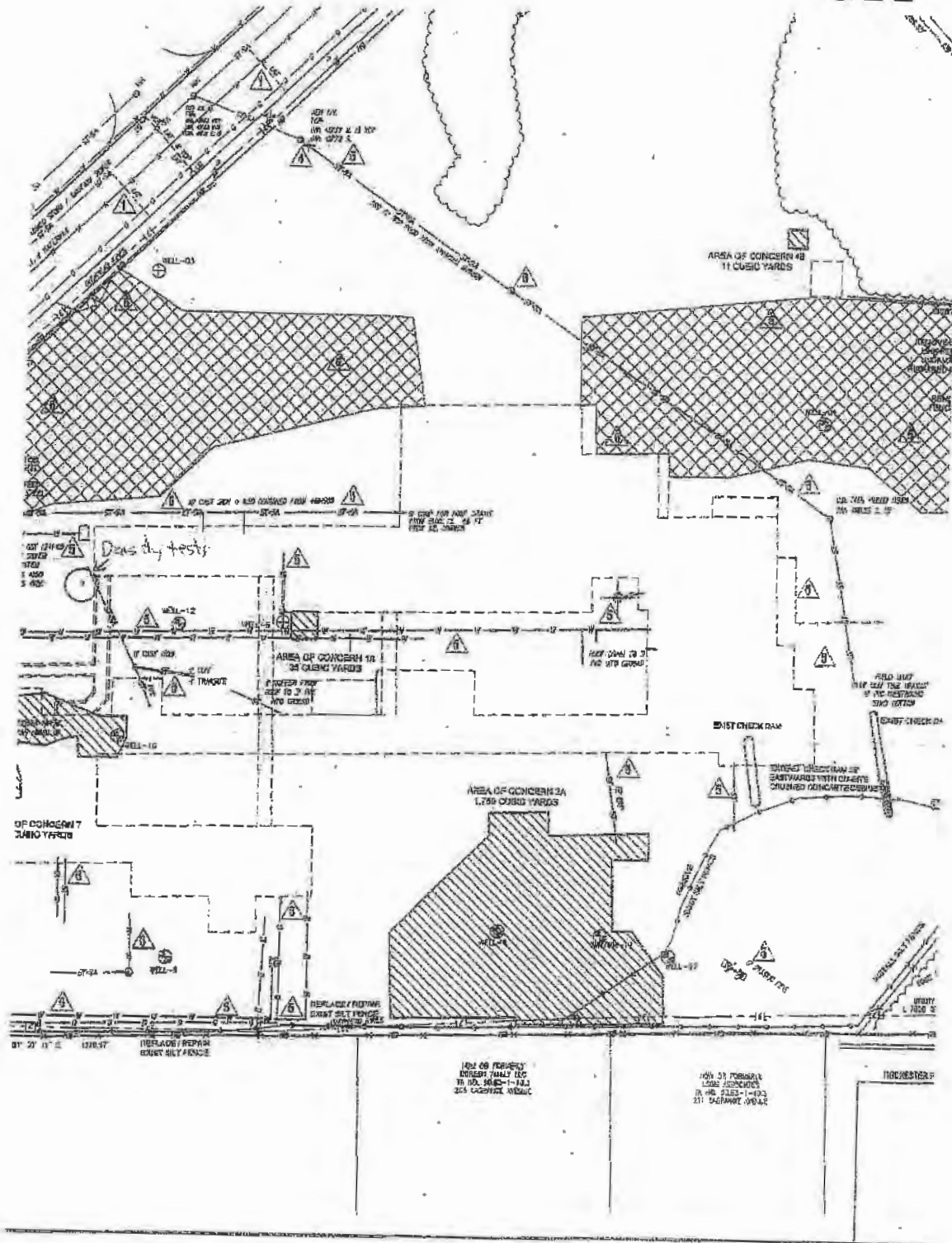
This representative was onsite at the above referenced project to conduct in place field density tests on material placed as backfill for the removed water line. A self-propelled roller and 10-ton roller were used for compaction.

The test results indicate that the required percentage of compaction was achieved at the locations and elevations shown below.

Jay Goggin with Foundation Design was informed of today's test results.

RESULTS:

Test #	Test Location	Test Elevation	Moisture Content (%)	OMC (%)	Field Dry Density (pcf)	100% Dry Density (pcf)	Compaction Achieved (%)	Compaction Required (%)
1	See Attached Sketch	-7'	12.2	10.5	116.0	127.3	91.1	90.0
2	See Attached Sketch	-6'	11.8	10.5	116.5	127.3	91.5	90.0
3	See Attached Sketch	-5'	11.0	10.5	115.0	127.3	90.3	90.0
4	See Attached Sketch	-4'	12.6	10.5	118.3	127.3	92.9	90.0
5	See Attached Sketch	-3'	14.2	10.5	114.6	127.3	90.0	90.0
6	See Attached Sketch	-2'	14.7	10.5	114.8	127.3	90.2	90.0
7	See Attached Sketch	-1'	15.3	10.5	115.0	127.3	90.2	90.0
8	See Attached Sketch	0	14.9	10.5	115.3	127.3	90.6	90.0



Density test locations 3/9/12



CME
Associates, Inc.

385 Sherman Street
Rochester, New York 14606
(585) 254-8740
(585) 254-1351 (Fax)
www.cmeassociates.com

Page 1 of 2

IN-PLACE FIELD DENSITY TEST REPORT

PROJECT: Photech Imaging – Rochester, NY **DATE:** 03/14/12
CLIENT: LaBella Associates, P.C. **REPORT NO.:** 37004S-53-0312
TEST METHOD: ASTM D6938-08a **REPRESENTATIVE:** R. Dalheim, ICC
MATERIAL TYPE/SOURCE: Brown CLAY/SILT and cmf GRAVEL, some cmf SAND /
Onsite Material from Southeast Corner of Jobsite
WEATHER: Clear **TEMPERATURE:** 57 °F

REMARKS:

This representative was onsite at the above referenced project to conduct in place field density tests on backfill material placed within the area of concern 7 excavation. Fill was placed in approximately 12" lifts and compacted with a large single drum vibratory roller.

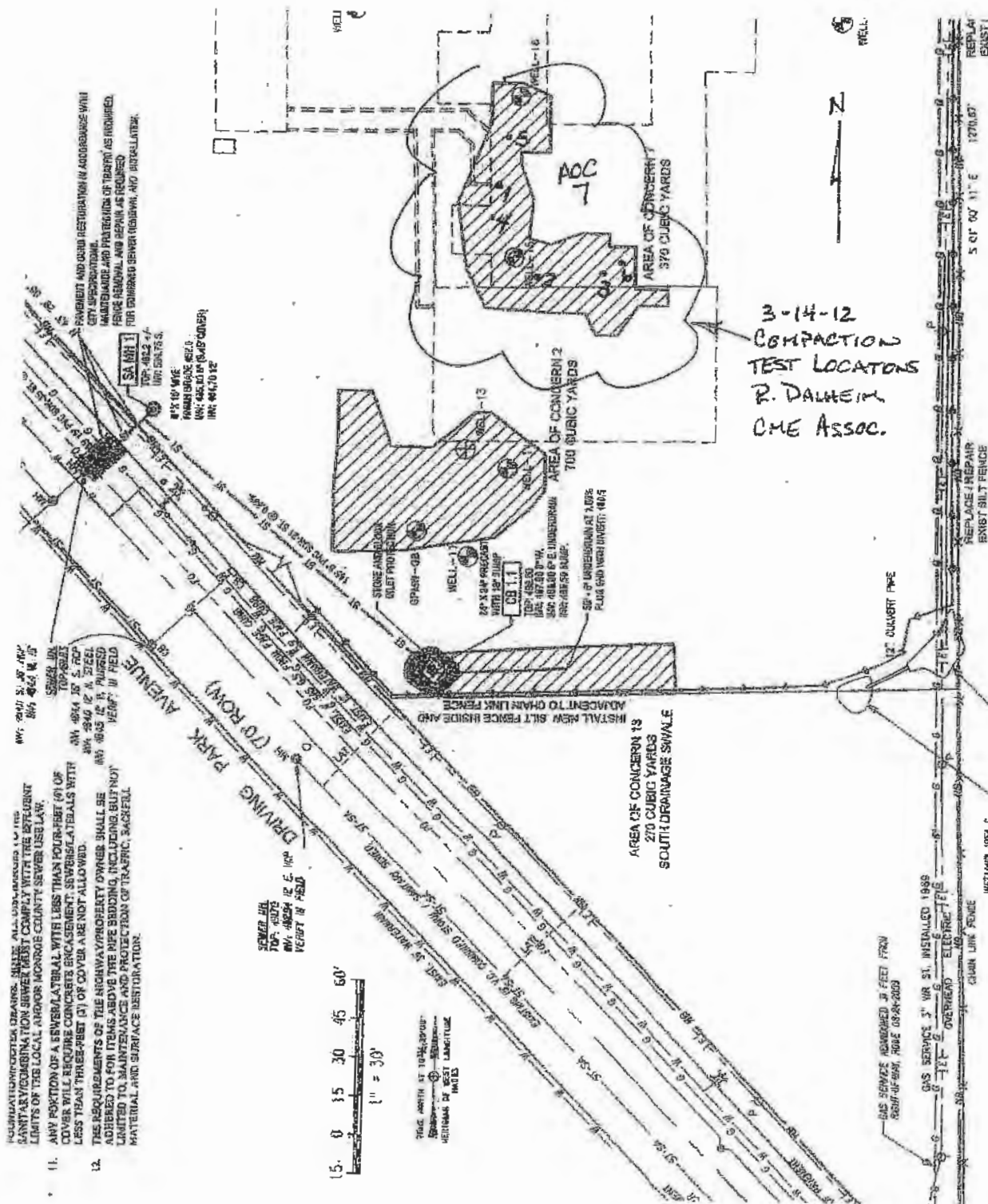
The test results indicate that the required percentage of compaction was achieved at the locations and elevations shown below.

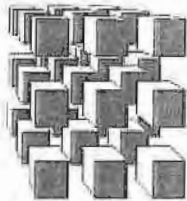
Jay Goggin with Foundation Design was informed of today's test results.

Note: Elevations are approximate and referenced from grade stakes representing proposed final grade

RESULTS:

Test #	Test Location	Test Elevation	Moisture Content (%)	OMC (%)	Field Dry Density (pcf)	100% Dry Density (pcf)	Compaction Achieved (%)	Compaction Required (%)
1	See Attached Sketch	-5'	11.8	10.5	124.2	127.3	97.6	90.0
2	See Attached Sketch	-5'	11.1	10.5	125.5	127.3	98.6	90.0
3	See Attached Sketch	-5'	9.3	10.5	126.6	127.3	99.5	90.0
4	See Attached Sketch	-4'	12.7	10.5	118.2	127.3	92.9	90.0
5	See Attached Sketch	-4'	10.6	10.5	121.2	127.3	95.2	90.0
6	See Attached Sketch	-4'	11.8	10.5	126.0	127.3	99.0	90.0





CME

Associates, Inc.

385 Sherman Street
Rochester, New York 14606
(585) 254-8740
(585) 254-1351 (Fax)
www.cmeassociates.com

Page 1 of 2

LABORATORY TEST REPORT

Project Title: Photech Imaging – Rochester, NY
Client Name: LaBella Associates, P.C.
Sampled By: CME Associate-BM

Report No.: 37004S-54-0312
Date Sampled: 03/15/12
Date Completed: 03/16/12

1) Material Identification (ASTM D-2488-Visual-Manual):

Sample ID	Material Description	Unified Classification	Material Source	Proposed Use/Location
RL10074	Brown cmf SAND, little SILT/CLAY/ trace cmf GRAVEL	SM	Onsite Stockpile of Material Imported from Elam – Bloomfield, NY	Mass Fill

2) Mechanical Analysis (ASTM C-136, D-1140):

Sieve Size	Percent Passing by Weight			
	RL10074			
2"	100			
1"	100			
3/4"	99			
1/2"	99			
1/4"	98			
No. 4	98			
No. 10	98			
No. 40	95			
No. 100	47			
No. 200 (wash)	13			

Materials should be reviewed by the appropriate Project Engineer for acceptance.

3) Moisture Density Relationship (ASTM D-1557, D-4718, C-127):

	RL10074			
Maximum Dry Density (pcf):	110.1			
Optimum Moisture Content (%):	12.7			
Procedure Used:	D-1557-B			
Preparation Method Used:	Moist			
As Received Water Content:	-			
Oversize Separation Sieve:	3/8"			
Percent Oversize Fraction by Weight:	1.5			
Specific Gravity of Oversize Portion:	N/A			

The Moisture Density Relationship Curve is attached. Please feel free to contact our office should you have any questions.

Respectfully submitted:
CME Associates, Inc.

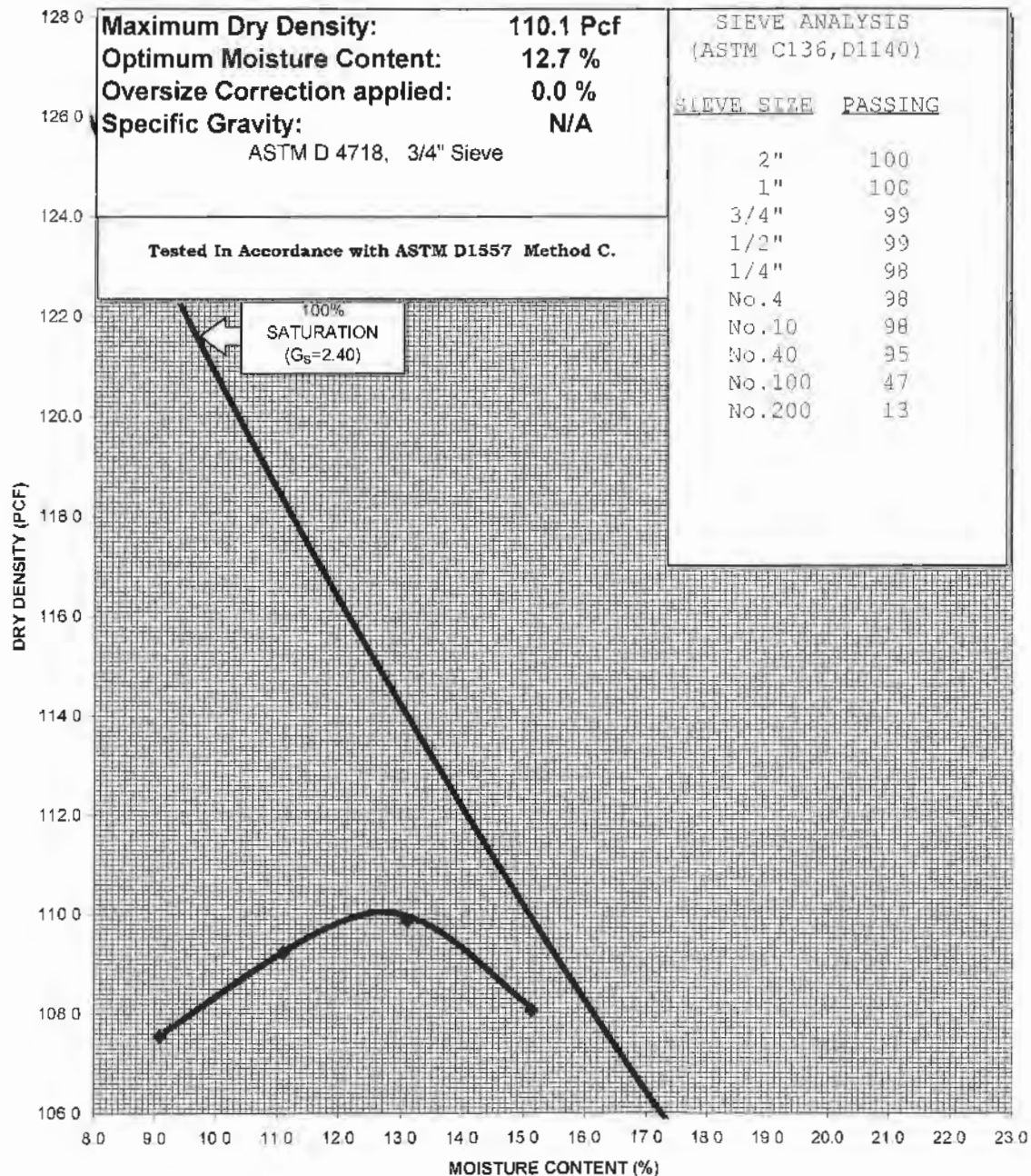
E. Randall Holbrook
Senior Laboratory Technician

Setting the Blueprint for Quality and Customer Satisfaction



CLIENT:	LaBella Associates, P.C.	REPORT No.:	37004S-54-0312
PROJECT:	Photech Imaging – Rochester, NY	SAMPLE No.:	RL10075
SAMPLE LOCATION:	Onsite Stockpile of Material Imported from Elam – Bloomfield, NY	DATE PICKED UP:	03/15/12
		PAGE:	2 of 2
SOIL CLASSIFICATION:	Brown cmf SAND, little SILT/CLAY/ trace cmf GRAVEL		

MOISTURE-DENSITY RELATIONSHIP CURVE





CME
Associates, Inc.

385 Sherman Street
Rochester, New York 14606
(585) 254-8740
(585) 254-1351 (Fax)
www.cmeassociates.com

Page 1 of 2

LABORATORY TEST REPORT

Project Title: Photech Imaging – Rochester, NY
Client Name: LaBella Associates, P.C.
Sampled By: CME Associate-BM

Report No.: 37004S-55-0312
Date Sampled: 03/16/12
Date Completed: 03/20/12

1) Material Identification (ASTM D-2488-Visual-Manual):

Sample ID	Material Description	Unified Classification	Material Source	Proposed Use/Location
RL10076	Brown cmf SAND, little cmf GRAVEL, trace SILT/CLAY	SW-SM	Onsite Stockpile of Material Imported from Elam – Bloomfield, NY	Mass Fill

2) Mechanical Analysis (ASTM C-136, D-1140):

Percent Passing by Weight				
Sieve Size	RL10076			
3"	100			
2"	96			
1"	92			
3/4"	91			
1/2"	90			
1/4"	88			
No. 4	87			
No. 10	86			
No. 40	74			
No. 100	27			
No. 200 (wash)	9.7			

Materials should be reviewed by the appropriate Project Engineer for acceptance.

3) Moisture Density Relationship (ASTM D-1557, D-4718, C-127):

	RL10076			
Corrected Maximum Dry Density (pcf):	120.7			
Corrected Optimum Moisture Content (%):	8.9			
Procedure Used:	D-1557-C			
Preparation Method Used:	Moist			
As Received Water Content:	7.2			
Oversize Separation Sieve:	3/4"			
Percent Oversize Fraction by Weight:	9.4			
Specific Gravity of Oversize Portion:	2.63			

The Moisture Density Relationship Curve is attached. Please feel free to contact our office should you have any questions.

Respectfully submitted:
CME Associates, Inc.

E. Randall Holbrook
Senior Laboratory Technician

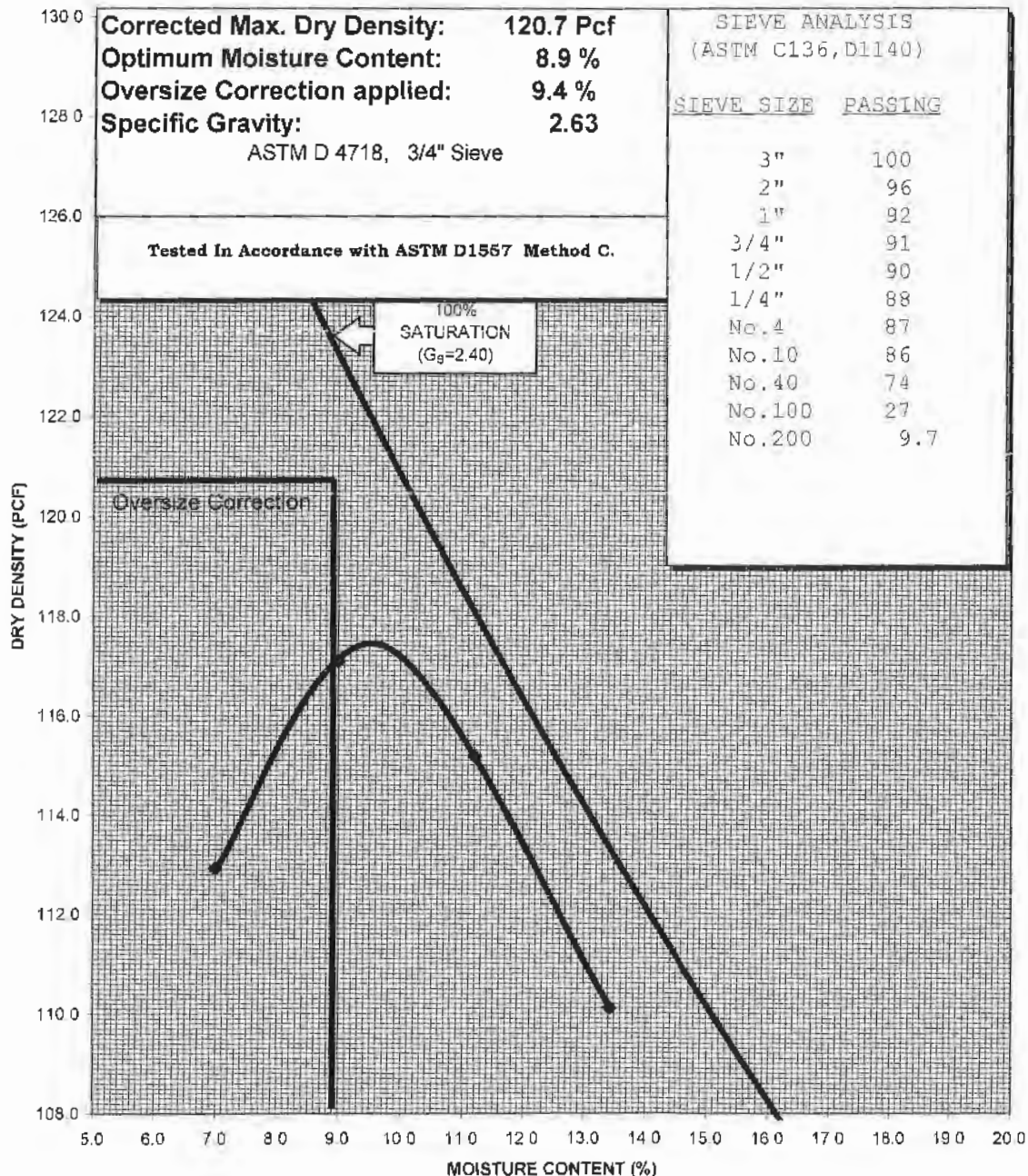
Setting the Blueprint for Quality and Customer Satisfaction



CME
Associates, Inc.

CLIENT:	LaBella Associates, P.C.	REPORT No.:	37004S-55-0312
PROJECT:	Photech Imaging – Rochester, NY	SAMPLE No.:	RL10076
SAMPLE LOCATION:	Onsite Stockpile of Material Imported from Elam – Bloomfield, NY	DATE PICKED UP:	03/16/12
		PAGE:	2 of 2
SOIL CLASSIFICATION:	Brown cmf SAND, little cmf GRAVEL, trace SILT/CLAY		

MOISTURE-DENSITY RELATIONSHIP CURVE





CME
Associates, Inc.

385 Sherman Street
Rochester, New York 14606
(585) 254-8740
(585) 254-1351 (Fax)
www.cmeassociates.com

Page 1 of 2

IN-PLACE FIELD DENSITY TEST REPORT

PROJECT: Photech Imaging – Rochester, NY
CLIENT: LaBella Associates, P.C.
TEST METHOD: ASTM D6938-08a
MATERIAL TYPE/SOURCE: Brown cmf SAND, little SILT/CLAY, trace cmf GRAVEL /
Elam – Bloomfield, NY
WEATHER: Partly cloudy
DATE: 03/15/12
REPORT NO.: 37004S-56-0312
REPRESENTATIVE: B. Murray, ICC
TEMPERATURE: 55 °F

REMARKS:

This representative was onsite at the above referenced project to conduct in place field density tests on material placed and compacted by TREC Environmental. A 10-ton roller was used for compaction.

The material today appeared to have a different gradation than the previous material delivered. A sample of the material was obtained today for laboratory compaction testing. Upon completion of the laboratory compaction test, the percent compaction achieved was calculated.

The test results indicate that the required percentage of compaction was not achieved at tests #2-3. Test areas #2-3 were re-compacted and retested on 3/19/12.

Note: Elevations are taken from finished grade

RESULTS:

Test #	Test Location	Test Elevation	Moisture Content (%)	OMC (%)	Field Dry Density (pcf)	100% Dry Density (pcf)	Compaction Achieved (%)	Compaction Required (%)
1	See Attached Sketch	-3'	7.3	12.7	102.4	110.1	93.0	95.0
2	See Attached Sketch	-3'	7.1	12.7	102.7	110.1	93.3	95.0
3	See Attached Sketch	-3'	7.5	12.7	103.2	110.1	93.7	95.0
4	Retest #1; See Attached Sketch	-3'	8.1	12.7	105.2	110.1	95.5	95.0
5	Retest #2; See Attached Sketch	-3'	8.9	12.7	102.6	110.1	93.2	95.0
6	Retest #3; See Attached Sketch	-3'	7.6	12.7	103.0	110.1	93.6	95.0





CME
Associates, Inc.

385 Sherman Street
Rochester, New York 14606
(585) 254-8740
(585) 254-1351 (Fax)
www.cmeassociates.com

Page 1 of 2

IN-PLACE FIELD DENSITY TEST REPORT

PROJECT: Photech Imaging – Rochester, NY **DATE:** 03/16/12
CLIENT: LaBella Associates, P.C. **REPORT NO.:** 37004S-57-0312
TEST METHOD: ASTM D6938-08a **REPRESENTATIVE:** B. Murray, ICC
MATERIAL TYPE/SOURCE: Brown cmf SAND, little cmf GRAVEL, trace SILT/CLAY /
Elam – Bloomfield, NY
WEATHER: Partly cloudy **TEMPERATURE:** 60 °F

REMARKS:

This representative was onsite at the above referenced project to conduct in place field density tests on material placed and compacted by TREC Environmental. A 10-ton roller was used for compaction.

The material today appeared to have a different gradation than the previous material delivered. A sample of the material was obtained on 3/15/12 for laboratory compaction testing. Upon completion of the laboratory compaction test, the percent compaction achieved was calculated.

The test results indicate that the required percentage of compaction was not achieved at the locations and elevations shown below. These areas were re-compacted and retested on 3/19/12.

Note: Elevations are taken from finished grade

RESULTS:

Test #	Test Location	Test Elevation	Moisture Content (%)	OMC (%)	Field Dry Density (pcf)	100% Dry Density (pcf)	Compaction Achieved (%)	Compaction Required (%)
1	See Attached Sketch	-2'	7.7	8.9	112.3	120.7	93.0	95.0
2	See Attached Sketch	-2'	6.1	8.9	110.6	120.7	91.6	95.0
3	See Attached Sketch	-2'	6.9	8.9	111.4	120.7	92.3	95.0
4	See Attached Sketch	-2'	7.4	8.9	113.6	120.7	94.1	95.0





CME
Associates, Inc.

385 Sherman Street
Rochester, New York 14606
(585) 254-8740
(585) 254-1351 (Fax)
www.cmeassociates.com

Page 1 of 2

IN-PLACE FIELD DENSITY TEST REPORT

PROJECT: Photech Imaging – Rochester, NY **DATE:** 03/19/12
CLIENT: LaBella Associates, P.C. **REPORT NO.:** 37004S-58-0312
TEST METHOD: ASTM D6938-08a **REPRESENTATIVE:** B. Murray, ICC
(Tests #1-3) Brown cmf SAND, little SILT/CLAY, trace cmf GRAVEL /
Elam – Bloomfield, NY;

MATERIAL TYPE/SOURCE: (Tests #4-7) Brown cmf SAND, little cmf GRAVEL, trace SILT/CLAY /
Elam – Bloomfield, NY

(Tests #8-11) Brown SILT/CLAY, some cmf SAND, some cmf GRAVEL
/ Building 6, 7 – Middle Slough Bank

WEATHER: Partly cloudy **TEMPERATURE:** 72 °F

REMARKS:

This representative was onsite at the above referenced project to conduct in place field density tests on material placed and compacted by TREC Environmental. A 10-ton roller was used for compaction.

Tests #1-3 represent retests of tests #1-3 from 3/15/12. Tests #4-7 represent retests of tests #1-4 from 3/16/12. Tests #1-3 were accessed by excavating to -3'.

The test results indicate that the required percentage of compaction was achieved at the locations and elevations shown below.

Note: Elevations are taken from finished grade

RESULTS:

Test #	Test Location	Test Elevation	Moisture Content (%)	OMC (%)	Field Dry Density (pcf)	100% Dry Density (pcf)	Compaction Achieved (%)	Compaction Required (%)
1	Retest #1 from 3/15/12	-3'	9.8	12.7	107.5	110.1	97.6	95.0
2	Retest #2 from 3/15/12	-3'	9.7	12.7	108.3	110.1	98.4	95.0
3	Retest #3 from 3/15/12	-3'	10.8	12.7	106.2	110.1	96.5	95.0
4	Retest #1 from 3/16/12	-2'	8.4	8.9	116.4	120.7	96.4	95.0
5	Retest #2 from 3/16/12	-2'	8.6	8.9	115.8	120.7	95.9	95.0
6	Retest #3 from 3/16/12	-2'	9.2	8.9	116.1	120.7	96.2	95.0
7	Retest #4 from 3/16/12	-2'	8.1	8.9	118.2	120.7	97.9	95.0
8	See Attached Sketch	-1'	11.5	8.0	122.6	133.3	92.0	90.0
9	See Attached Sketch	-1'	12.7	8.0	124.2	133.3	93.2	90.0
10	See Attached Sketch	-1'	13.6	8.0	120.1	133.3	90.1	90.0
11	See Attached Sketch	-1'	14.0	8.0	120.5	133.3	90.4	90.0





CME
Associates, Inc.

385 Sherman Street
Rochester, New York 14606
(585) 254-8740
(585) 254-1351 (Fax)
www.cmeassociates.com

Page 1 of 2

IN-PLACE FIELD DENSITY TEST REPORT

PROJECT: Photech Imaging – Rochester, NY **DATE:** 03/21/12
CLIENT: LaBella Associates, P.C. **REPORT NO.:** 37004S-59-0312
TEST METHOD: ASTM D6938-08a **REPRESENTATIVE:** M. Lenzi, ICC
MATERIAL TYPE/SOURCE: Brown SILT/CLAY, some cmf SAND, some cmf GRAVEL /
Building 6, 7 – Middle Slough Bank
WEATHER: Clear **TEMPERATURE:** 65 °F

REMARKS:

This representative was onsite at the above referenced project to conduct in place field density tests on material placed as fill for the area of concern #7.

The test results indicate that the required percentage of compaction was not achieved at test #1. This will be listed as NCDD #4 on CME's List of Non-Conformance, Deviations and Deficiencies.

Shawn Allen with Foundation Design, P.C. was informed of today's test results.

Note: TSB = Top of Subbase

RESULTS:

Test #	Test Location	Test Elevation	Moisture Content (%)	OMC (%)	Field Dry Density (pcf)	100% Dry Density (pcf)	Compaction Achieved (%)	Compaction Required (%)
1	See Attached Sketch	TSB	14.1	8.0	114.4	133.3	85.8	90.0
2	See Attached Sketch	TSB	12.0	8.0	123.7	133.3	92.8	90.0





CME
Associates, Inc.

385 Sherman Street
Rochester, New York 14606
(585) 254-8740
(585) 254-1351 (Fax)
www.cmeassociates.com

Page 1 of 2

IN-PLACE FIELD DENSITY TEST REPORT

PROJECT: Phototech Imaging – Rochester, NY **DATE:** 03/20/12
CLIENT: LaBella Associates, P.C. **REPORT NO.:** 37004S-60-0312
TEST METHOD: ASTM D6938-08a **REPRESENTATIVE:** B. Murray, ICC
MATERIAL TYPE/SOURCE: Brown SILT/CLAY, some cmf SAND, some cmf GRAVEL /
Building 6, 7 – Middle Slough Bank
WEATHER: Clear **TEMPERATURE:** 78 °F

REMARKS:

This representative was onsite at the above referenced project to conduct in place field density testing on material placed and compacted by TREC Environmental. A 10-ton roller was used for compaction.

The test results indicate that the required percentage of compaction was achieved at the locations and elevations shown below.

Notes: Elevations are taken from finished grade
FG = Finished Grade

RESULTS:

Test #	Test Location	Test Elevation	Moisture Content (%)	OMC (%)	Field Dry Density (pcf)	100% Dry Density (pcf)	Compaction Achieved (%)	Compaction Required (%)
1	See Attached Sketch	-1'	9.1	8.0	128.2	133.3	96.2	90.0
2	See Attached Sketch	-1'	10.5	8.0	129.8	133.3	97.4	90.0
3	See Attached Sketch	-1'	10.3	8.0	130.8	133.3	98.1	90.0
4	See Attached Sketch	FG	10.9	8.0	130.5	133.3	97.9	90.0





CME
Associates, Inc.

385 Sherman Street
Rochester, New York 14606
(585) 254-8740
(585) 254-1351 (Fax)
www.cmeassociates.com

Page 1 of 2

IN-PLACE FIELD DENSITY TEST REPORT

PROJECT:	Photech Imaging – Rochester, NY	DATE:	03/26/12
CLIENT:	LaBella Associates, P.C.	REPORT NO.:	37004S-61-0312
TEST METHOD:	ASTM D6938-08a	REPRESENTATIVE:	P. Schedel, ICC
MATERIAL TYPE/SOURCE:	Brown SILT/CLAY, some cmf SAND, some cmf GRAVEL / Building 6, 7 – Middle Slough Bank		
WEATHER:	Partly sunny	TEMPERATURE:	38 °F

REMARKS:

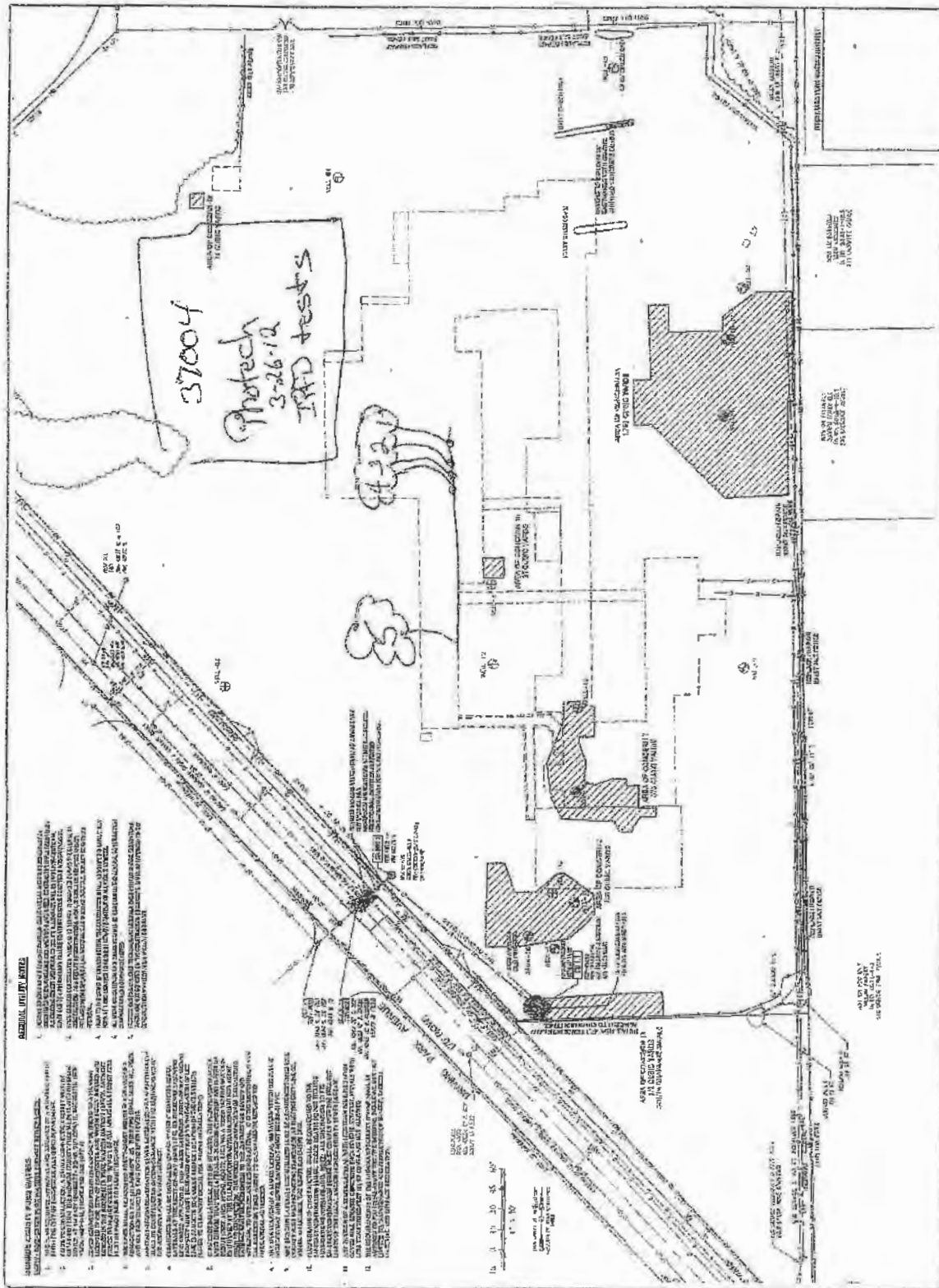
This representative was onsite at the above referenced project to conduct in place field density testing on material placed as trench backfill. Lift placement and compaction was conducted in this representative's presence. A self-propelled sheep's foot in vibratory mode was used for compaction.

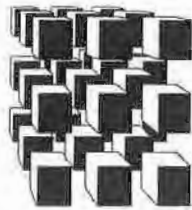
The test results indicate that the required percentage of compaction was not achieved at the locations and elevations shown below. Tests #1-4 were in the footprint of a future roadway and the required 95% compaction was not obtainable. It was decided to remove the lifts placed this date and utilize off-site material for these trench backfill locations. These backfill locations will be completed at a later date. Test #5 also failed due to the sheep's foot breaking down. This location was retested on 3/27/12.

Shawn Allen with Foundation Design was informed of today's test results.

RESULTS:

Test #	Test Location	Test Elevation	Moisture Content (%)	OMC (%)	Field Dry Density (pcf)	100% Dry Density (pcf)	Compaction Achieved (%)	Compaction Required (%)
1	See Attached Sketch	486.5	10.7	8.0	120.6	133.3	90.5	95.0
2	See Attached Sketch	486.5	11.0	8.0	120.6	133.3	90.5	95.0
3	See Attached Sketch	486.5	12.2	8.0	119.8	133.3	89.9	95.0
4	See Attached Sketch	487.5	10.8	8.0	120.0	133.3	90.0	95.0
5	See Attached Sketch	486.5	11.2	8.0	114.6	133.3	86.0	90.0





CME
Associates, Inc.

385 Sherman Street
Rochester, New York 14606
(585) 254-8740
(585) 254-1351 (Fax)
www.cmeassociates.com

Page 1 of 2

IN-PLACE FIELD DENSITY TEST REPORT

PROJECT: Photech Imaging – Rochester, NY **DATE:** 03/27/12
CLIENT: LaBella Associates, P.C. **REPORT NO.:** 37004S-62-0312
TEST METHOD: ASTM D6938-08a **REPRESENTATIVE:** P. Reynolds
MATERIAL TYPE/SOURCE: Brown SILT/CLAY, some cmf SAND, some cmf GRAVEL /
Building 6, 7 – Middle Slough Bank
WEATHER: Mostly sunny **TEMPERATURE:** 40 °F

REMARKS:

This representative was onsite at the above referenced project to conduct in place field density testing on material placed as backfill for the excavated pipe trench. A remote-controlled dual vibratory sheep's foot drum roller was used for compaction.

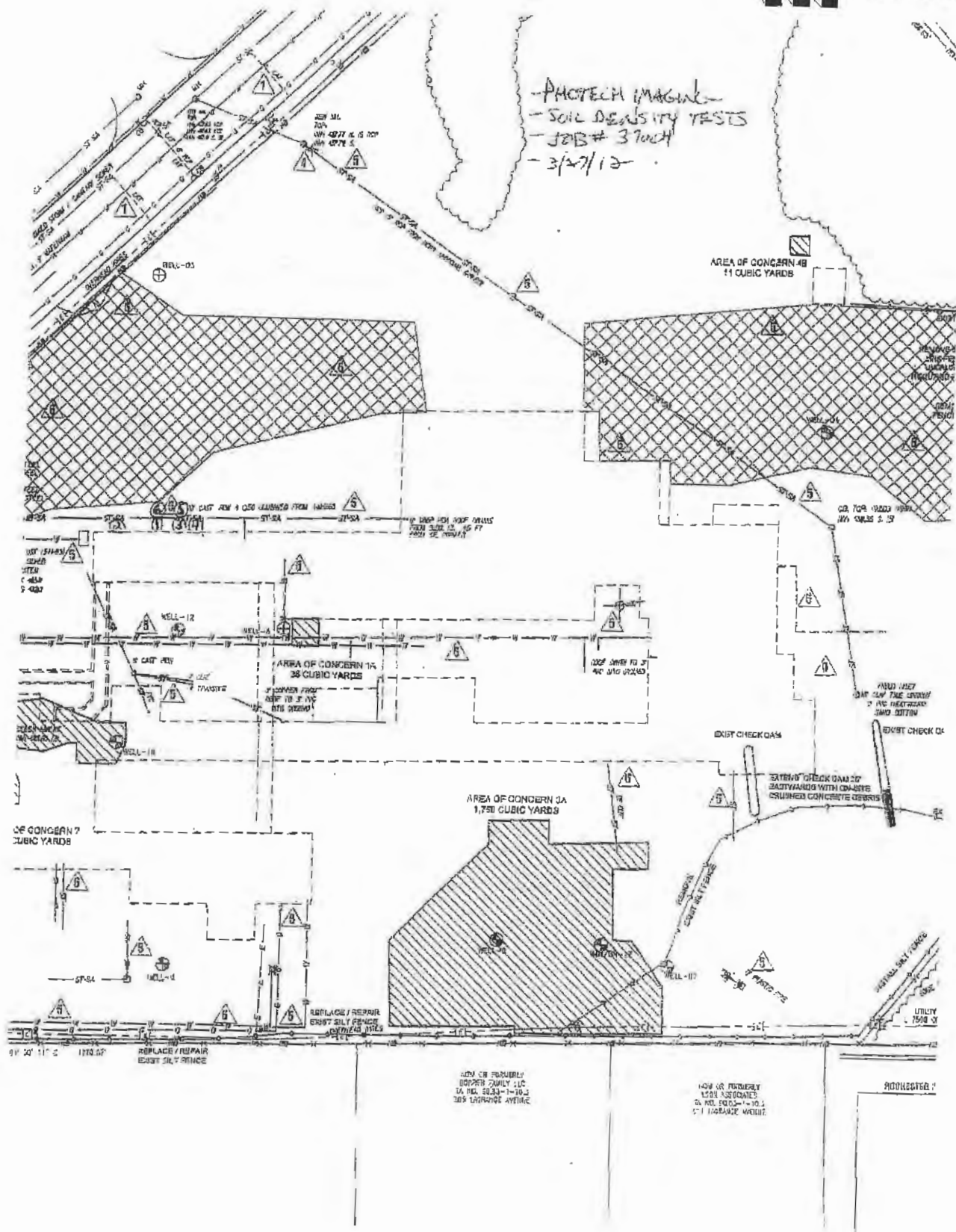
The test results indicate that the required percentage of compaction was achieved at the locations and elevations shown below.

Shawn Allen with Foundation Design, P.C. was informed of today's test results.

Note: BFG = Below Finished Grade

RESULTS:

Test #	Test Location	Test Elevation	Moisture Content (%)	OMC (%)	Field Dry Density (pcf)	100% Dry Density (pcf)	Compaction Achieved (%)	Compaction Required (%)
1	See Attached Sketch	4' BFG	9.0	8.0	121.0	133.3	90.8	90.0
2	See Attached Sketch	3' BFG	10.0	8.0	121.4	133.3	91.1	90.0
3	See Attached Sketch	4' BFG	10.0	8.0	120.2	133.3	90.2	90.0
4	See Attached Sketch	3' BFG	9.6	8.0	120.8	133.3	90.6	90.0
5	See Attached Sketch	2' BFG	10.8	8.0	121.9	133.3	91.5	90.0
6	See Attached Sketch	1' BFG	10.4	8.0	121.8	133.3	91.4	90.0





CME
Associates, Inc.

385 Sherman Street
Rochester, New York 14606
(585) 254-8740
(585) 254-1351 (Fax)
www.cmeassociates.com

Page 1 of 3

IN-PLACE FIELD DENSITY TEST REPORT

PROJECT: Phototech Imaging – Rochester, NY
CLIENT: LaBella Associates, P.C.
TEST METHOD: ASTM D6938-08a

DATE: 03/30/12
REPORT NO.: 37004S-63-0312
REPRESENTATIVE: P. Reynolds

(Tests #1-3) Brown CLAY/SILT, and cmf GRAVEL, some cmf SAND /
Onsite Material from Southeast Corner of Jobsite;

(Tests #4-6) Brown cmf GRAVEL, and cmf SAND, trace SILT / AOC 7;

MATERIAL TYPE/SOURCE: (Tests #7-10, 14-15) Brown cmf SAND, and SILT/CLAY, trace cmf
GRAVEL / Elam Sand & Gravel – West Bloomfield, NY;

(Tests #11-13, 16-19) Brown cmf SAND, little SILT/CLAY, trace cmf
GRAVEL / Elam – Bloomfield, NY

WEATHER: Partly sunny
TEMPERATURE: 42 °F

REMARKS:

This representative was onsite at the above referenced project to conduct in place field density testing on the backfill for the excavated pipe. A remote-controlled dual sheep's foot drum roller and a large single vibratory drum roller were used for compaction.

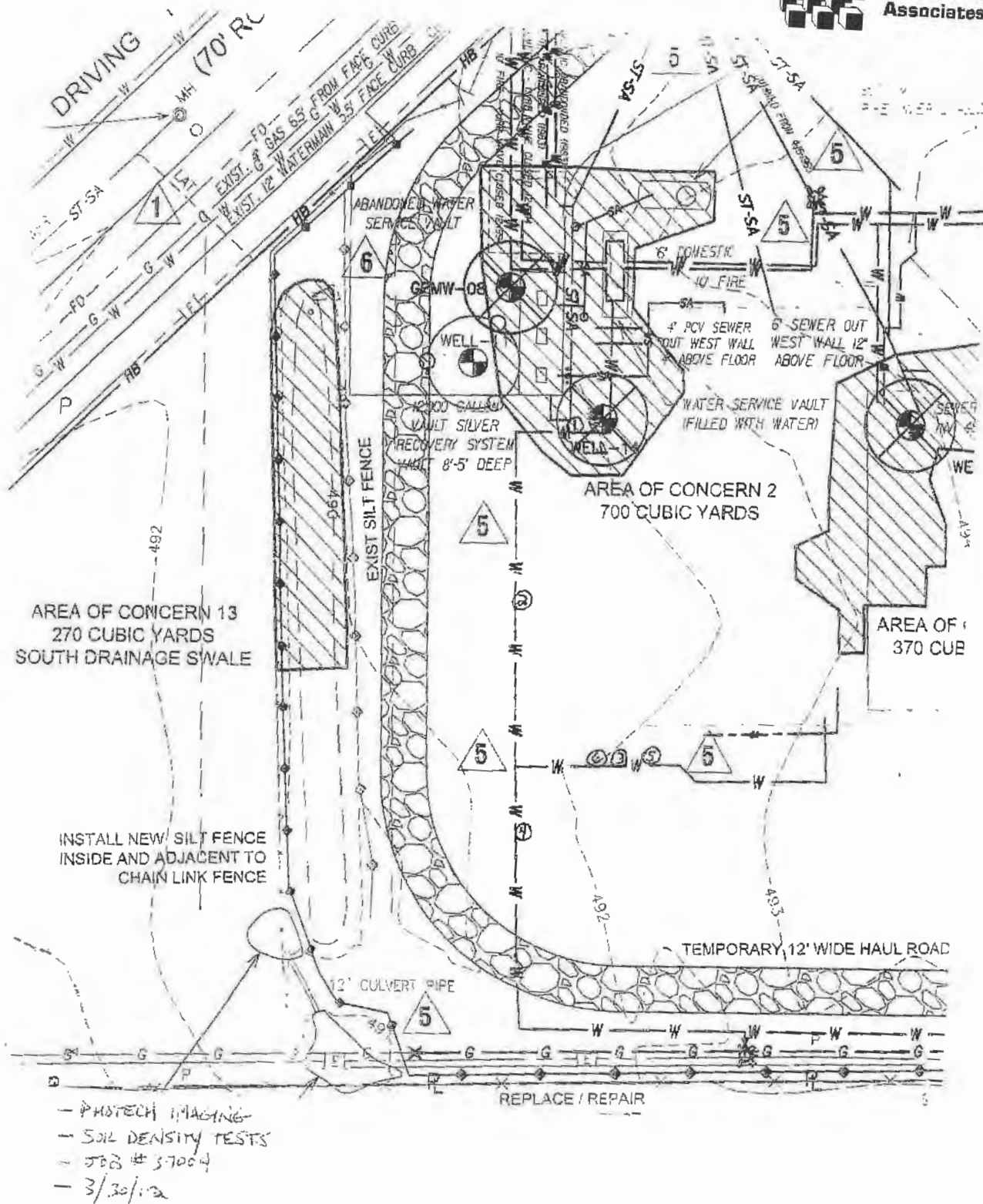
The test results indicate that the required percentage of compaction was achieved at the locations and elevations shown below.

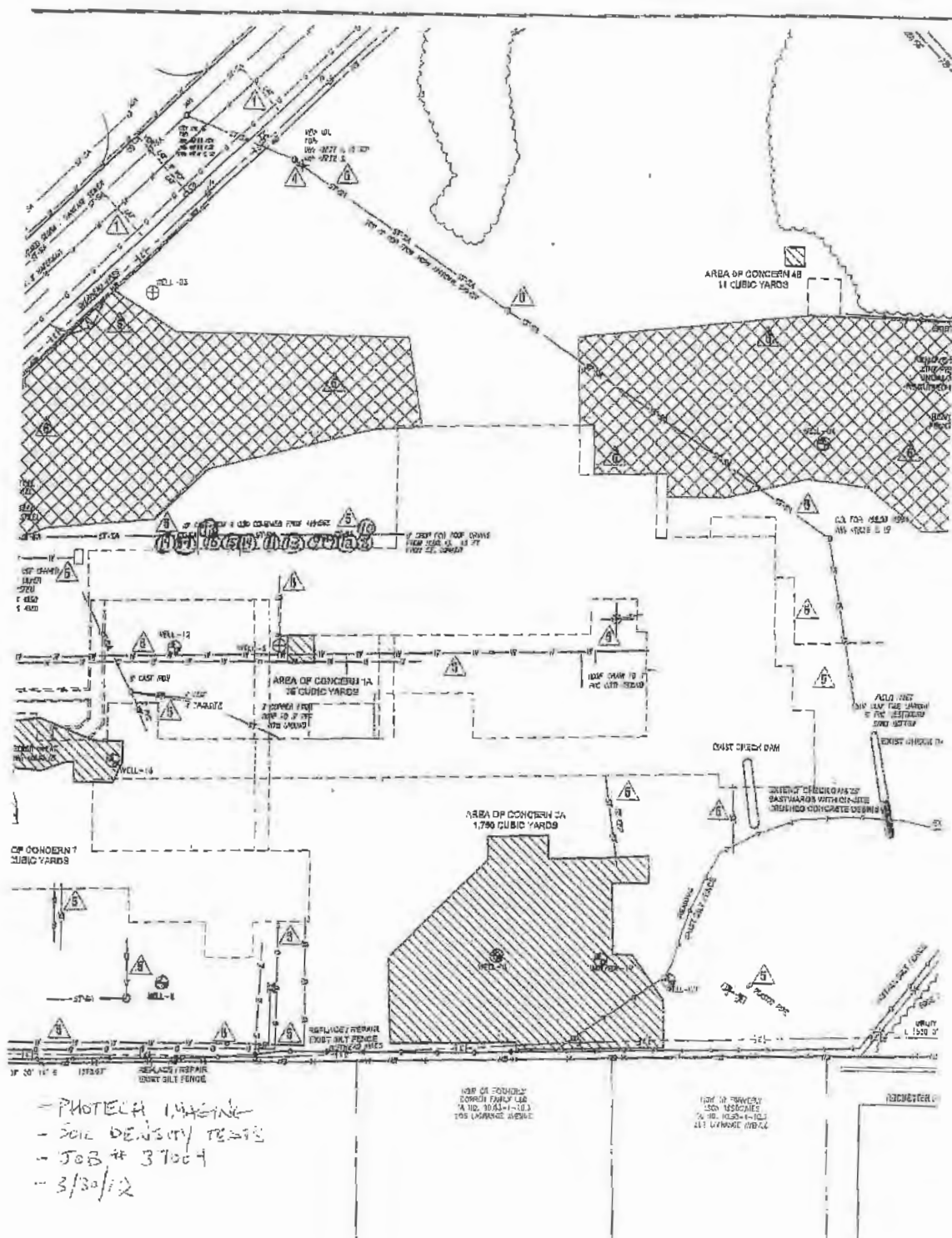
Shawn Allen with Foundation Design, P.C. was informed of today's test results.

Note: BFG = Below Finished Grade

RESULTS:

Test #	Test Location	Test Elevation	Moisture Content (%)	OMC (%)	Field Dry Density (pcf)	100% Dry Density (pcf)	Compaction Achieved (%)	Compaction Required (%)
1	See Attached Sketch	1' BFG	13.1	10.5	118.8	127.3	93.3	90.0
2	See Attached Sketch	1' BFG	10.9	10.5	116.8	127.3	91.7	90.0
3	See Attached Sketch	24" BFG	10.1	10.5	116.9	127.3	91.8	90.0
4	See Attached Sketch	1' BFG	11.0	11.1	112.2	121.5	92.3	90.0
5	See Attached Sketch	16" BFG	13.1	11.1	112.0	121.5	92.2	90.0
6	See Attached Sketch	8" BFG	12.3	11.1	111.2	121.5	91.5	90.0
7	See Attached Sketch	6" BFG	9.6	9.3	112.7	118.5	95.1	95.0
8	See Attached Sketch	5'2" BFG	5.8	9.3	116.6	118.5	98.4	95.0
9	See Attached Sketch	4'4" BFG	4.9	9.3	115.1	118.5	97.1	95.0
10	See Attached Sketch	3'6" BFG	5.2	9.3	113.2	118.5	95.5	95.0
11	See Attached Sketch	2'8" BFG	4.8	12.7	107.0	110.1	97.2	95.0
12	See Attached Sketch	1'10" BFG	5.5	12.7	106.5	110.1	96.7	95.0
13	See Attached Sketch	1' BFG	4.6	12.7	108.4	110.1	98.4	95.0
14	See Attached Sketch	6' BFG	4.2	9.3	113.3	118.5	95.6	95.0
15	See Attached Sketch	5' BFG	10.7	9.3	112.7	118.5	95.1	95.0
16	See Attached Sketch	4' BFG	5.5	12.7	105.2	110.1	95.6	95.0
17	See Attached Sketch	3' BFG	5.1	12.7	109.1	110.1	99.1	95.0
18	See Attached Sketch	2' BFG	4.6	12.7	108.3	110.1	98.3	95.0
19	See Attached Sketch	1' BFG	4.8	12.7	109.6	110.1	99.5	95.0







CME
Associates, Inc.

385 Sherman Street
Rochester, New York 14606
(585) 254-8740
(585) 254-1351 (Fax)
www.cmeassociates.com

Page 1 of 2

LABORATORY TEST REPORT

Project Title: Photech Imaging -- Rochester, NY	Report No.: 37004S-64-0312
Client Name: LaBella Associates, P.C.	Date Sampled: 03/27/12
Sampled By: CME Associate-DS	Date Completed: 03/30/12

1) Material Identification (ASTM D-2488-Visual-Manual):

Sample ID	Material Description	Unified Classification	Material Source	Proposed Use/Location
RL10084	Brown cmf SAND, little SILT/CLAY, trace cmf GRAVEL	SM	Elam Sand and Gravel -- West Bloomfield, NY	Mass Fill

2) Mechanical Analysis (ASTM C-136, D-1140):

Percent Passing by Weight				
Sieve Size	RL10084			
2"	100			
1"	97			
3/4"	95			
1/2"	94			
1/4"	91			
No. 4	90			
No. 10	88			
No. 40	75			
No. 100	32			
No. 200 (wash)	13			

3) Moisture Density Relationship (ASTM D-1557, D-4718, C-127):

	RL10084			
Maximum Dry Density (pcf):	118.5			
Optimum Moisture Content (%):	9.3			
Procedure Used:	D-1557-C			
Preparation Method Used:	Dry			
As Received Water Content:	-			
Oversize Separation Sieve:	3/4"			
Percent Oversize Fraction by Weight:	4.6			
Specific Gravity of Oversize Portion:	N/A			

Materials should be reviewed by the appropriate Project Engineer for acceptance.

The Moisture Density Relationship Curve is attached. Please feel free to contact our office should you have any questions.

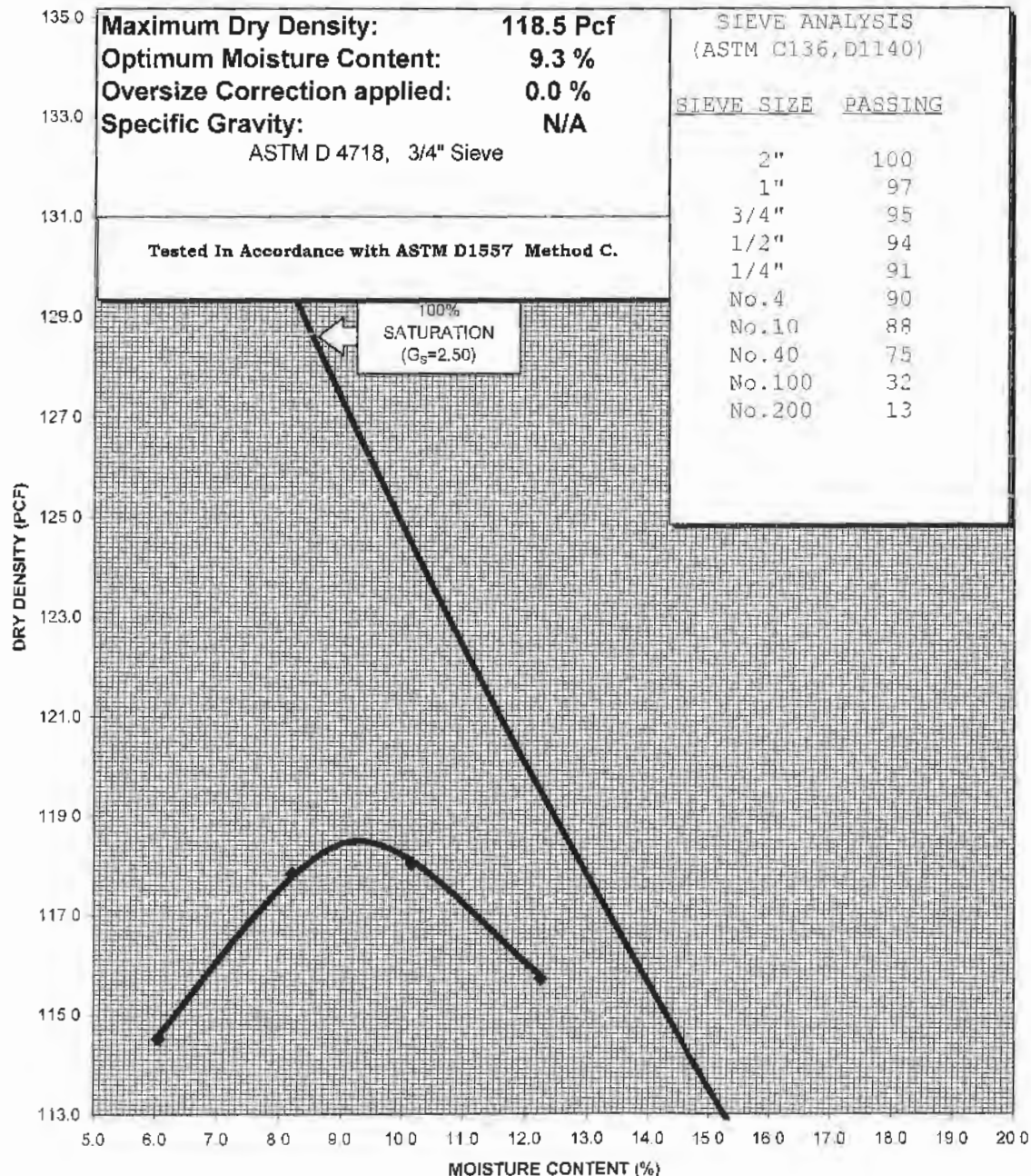
Respectfully submitted:
CME Associates, Inc.

E. Randall Holbrook
Senior Laboratory Technician

Setting the Blueprint for Quality and Customer Satisfaction

CLIENT:	LaBella Associates, P.C.	REPORT No.:	370045-64-0312
PROJECT:	Phototech Imaging – Rochester, NY	SAMPLE No.:	RL10084
SAMPLE LOCATION:	Onsite Stockpile of Material Imported from Elam Sand and Gravel – West Bloomfield, NY	DATE PICKED UP:	03/27/12
SOIL CLASSIFICATION:	Brown cmf SAND, little SILT/CLAY, trace cmf GRAVEL	PAGE:	2 of 2

MOISTURE-DENSITY RELATIONSHIP CURVE





CME
Associates, Inc.

385 Sherman Street
Rochester, New York 14606
(585) 254-8740
(585) 254-1351 (Fax)
www.cmeassociates.com

Page 1 of 3

IN-PLACE FIELD DENSITY TEST REPORT

PROJECT: Phototech Imaging – Rochester, NY
CLIENT: LaBella Associates, P.C.
TEST METHOD: ASTM D6938-08a
MATERIAL TYPE/SOURCE: Brown CLAY/SILT, and cmf GRAVEL, some cmf SAND /
Onsite Material from Southeast Corner of Jobsite
WEATHER: Sunny
DATE: 04/04/12
REPORT NO.: 37004S-65-0412
REPRESENTATIVE: M. Putnam
TEMPERATURE: 55 °F

REMARKS:

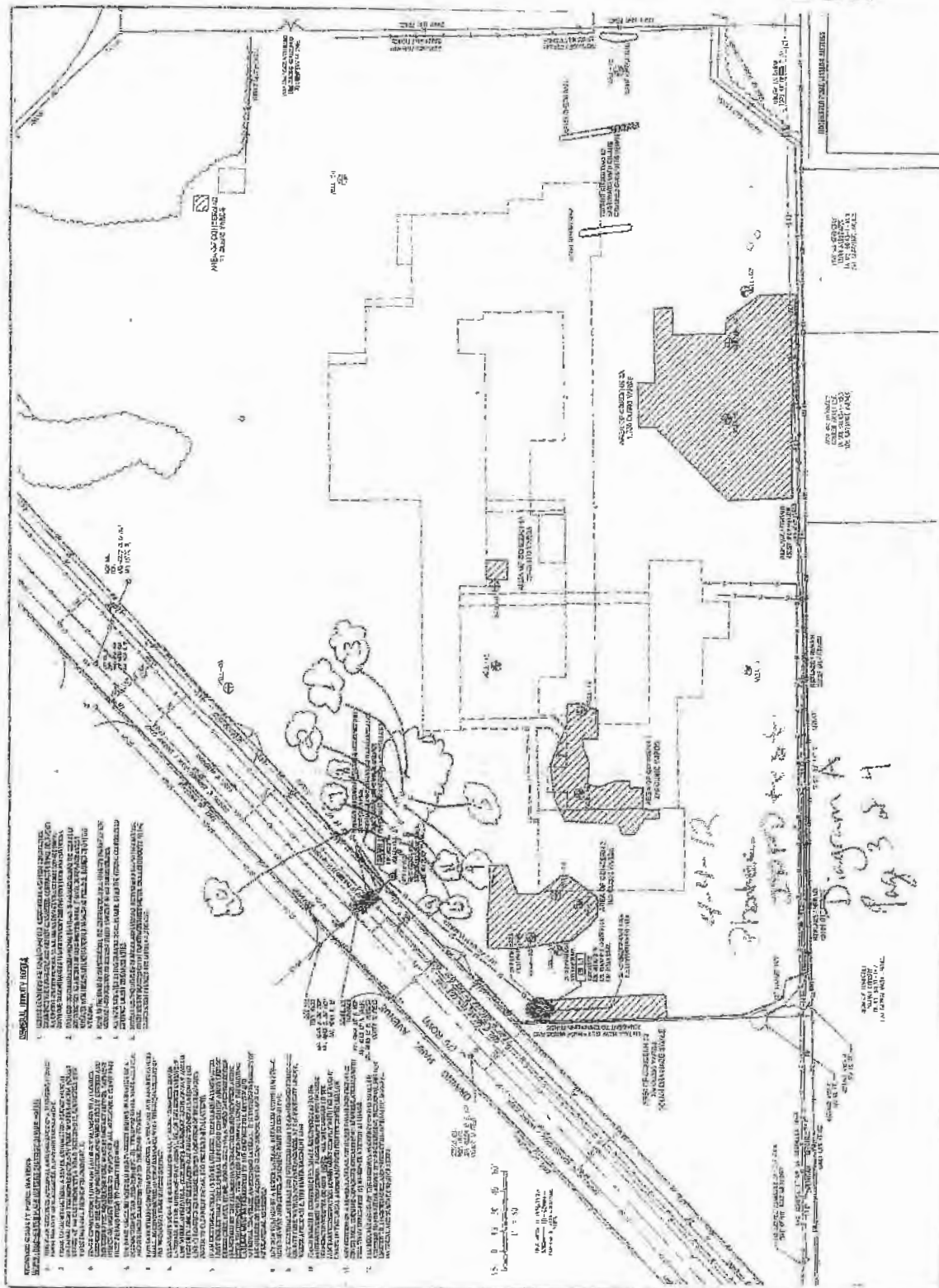
This representative was onsite at the above referenced project to conduct in place field density testing on material placed as trench backfill at the water line removal location shown on the attached sketch. All lift placements were conducted in this representative's presence. A single drum earth roller in static and vibratory modes was used for compaction.

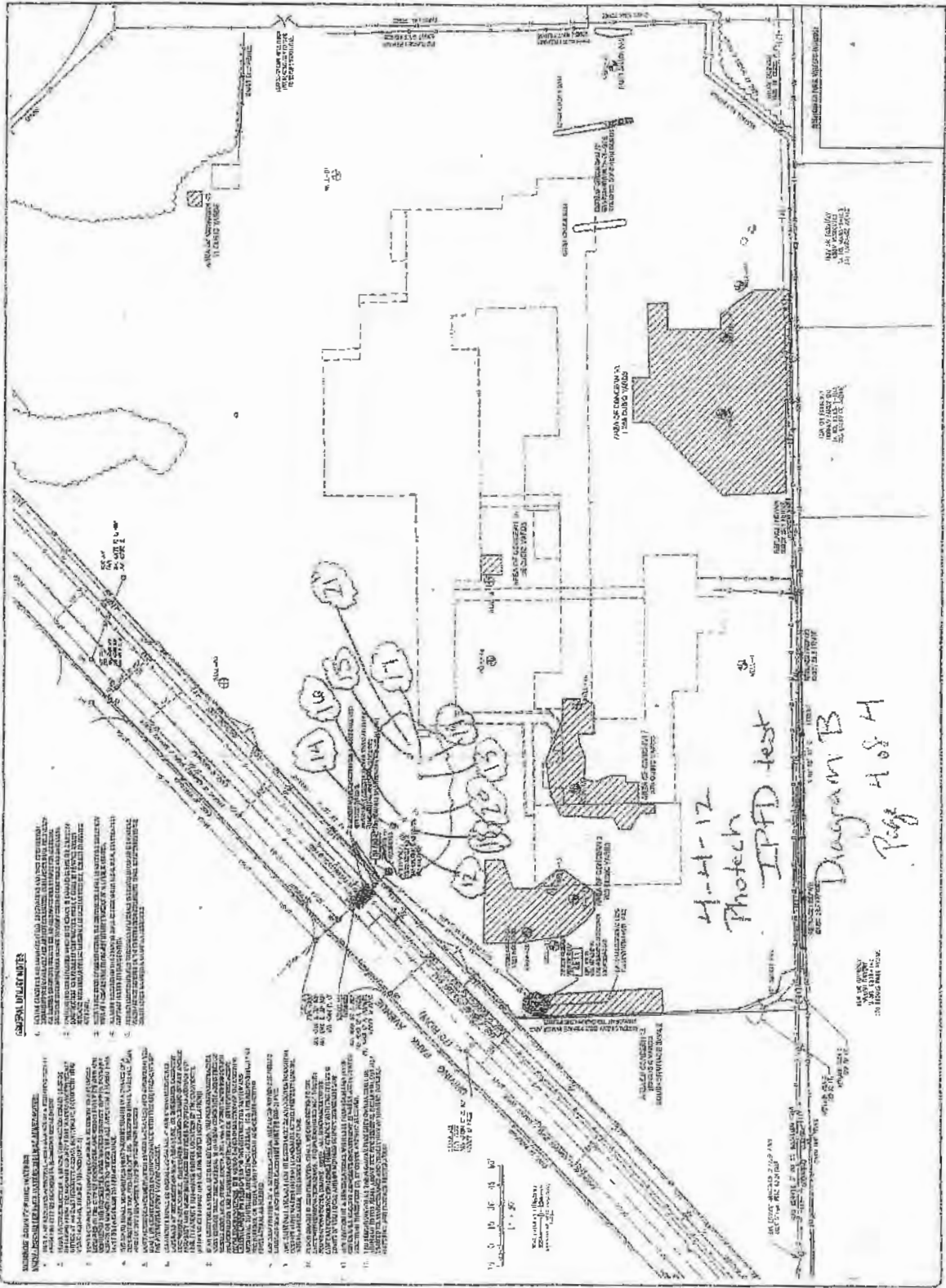
The test results indicate that the required percentage of compaction was achieved at the locations and elevations shown below.

Shawn Allen with Foundation Design, P.C. was informed of today's test results.

RESULTS:

Test #	Test Location	Test Elevation	Moisture Content (%)	OMC (%)	Field Dry Density (pcf)	100% Dry Density (pcf)	Compaction Achieved (%)	Compaction Required (%)
1	See Attached Sketch "A"	483	10.9	10.5	117.7	127.3	92.5	90.0
2	See Attached Sketch "A"	484	11.1	10.5	119.9	127.3	94.4	90.0
3	See Attached Sketch "A"	485	12.1	10.5	117.6	127.3	92.4	90.0
4	See Attached Sketch "A"	487	12.5	10.5	120.1	127.3	94.4	90.0
5	See Attached Sketch "A"	486	13.6	10.5	115.4	127.3	90.6	90.0
6	See Attached Sketch "A"	483	12.0	10.5	117.3	127.3	92.2	90.0
7	See Attached Sketch "A"	484	11.6	10.5	121.1	127.3	95.2	90.0
8	See Attached Sketch "A"	489	12.6	10.5	123.2	127.3	96.8	90.0
9	See Attached Sketch "A"	485	11.5	10.5	120.8	127.3	94.9	90.0
10	See Attached Sketch "A"	488	10.6	10.5	123.4	127.3	96.9	90.0
11	See Attached Sketch "A"	490	14.1	10.5	119.1	127.3	93.5	90.0
12	See Attached Sketch "B"	491	12.9	10.5	119.4	127.3	93.8	90.0
13	See Attached Sketch "B"	492	13.1	10.5	117.0	127.3	91.9	90.0
14	See Attached Sketch "B"	493	12.6	10.5	118.6	127.3	93.2	90.0
15	See Attached Sketch "B"	494	10.1	10.5	124.8	127.3	98.1	90.0
16	See Attached Sketch "B"	494	14.5	10.5	115.6	127.3	90.8	90.0
17	See Attached Sketch "B"	495	10.8	10.5	121.4	127.3	95.4	90.0
18	See Attached Sketch "B"	494.5	13.3	10.5	117.0	127.3	91.9	90.0
19	See Attached Sketch "B"	494.5	12.8	10.5	118.3	127.3	92.9	90.0
20	See Attached Sketch "B"	495	11.2	10.5	119.4	127.3	93.8	90.0
21	See Attached Sketch "B"	495	12.5	10.5	120.4	127.3	94.6	90.0







CME
Associates, Inc.

385 Sherman Street
Rochester, New York 14606
(585) 254-8740
(585) 254-1351 (Fax)
www.cmeassociates.com

Page 1 of 2

IN-PLACE FIELD DENSITY TEST REPORT

PROJECT: Photech Imaging – Rochester, NY **DATE:** 03/27/12
CLIENT: LaBella Associates, P.C. **REPORT NO.:** 37004S-66-0312
TEST METHOD: ASTM D6938-08a **REPRESENTATIVE:** D. Stern, NICET II
(Test #1) Brown SILT/CLAY, some cmf SAND, some cmf GRAVEL /
Building 6, 7 – Middle Slough Bank;
MATERIAL TYPE/SOURCE:
(Tests #2-3) Brown cmf SAND, little SILT/CLAY, trace cmf GRAVEL /
Elam Sand and Gravel – West Bloomfield, NY
WEATHER: Clear **TEMPERATURE:** 27 °F

REMARKS:

This representative was onsite at the above referenced project to conduct in place field density testing on trench backfill compacted by TREC Environmental. Test #1 represents a retest on re-compacted material originally placed on 3/26/12. Please refer to CME Report No.: 37004S-61-0312 for original test results. Tests #2-3 represent borrow fill from Elam Sand and Gravel.

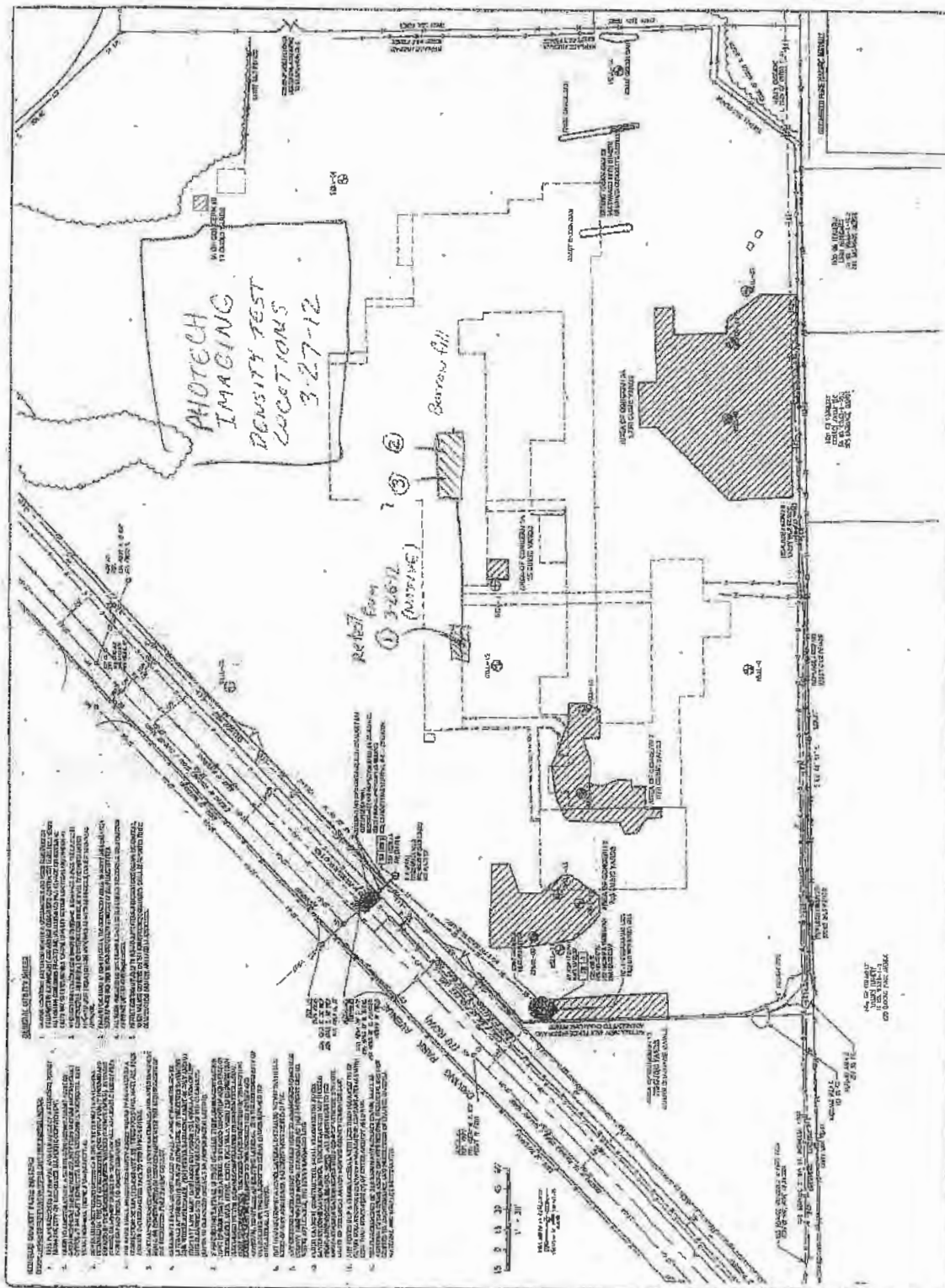
The test results indicate that the required percentage of compaction was achieved at the locations and elevations shown below.

Shawn Allen with Foundation Design, P.C. was informed of today's test results.

Note: Elevations from approximate final grade

RESULTS:

Test #	Test Location	Test Elevation	Moisture Content (%)	OMC (%)	Field Dry Density (pcf)	100% Dry Density (pcf)	Compaction Achieved (%)	Compaction Required (%)
1	See Attached Sketch; Retest #5 from 3/26/12	-7'	10.2	8.0	123.1	133.3	92.3	90.0
2	See Attached Sketch	-7'	8.4	9.3	113.2	118.5	95.5	95.0
3	See Attached Sketch	-7'	8.7	9.3	112.9	118.5	95.3	95.0





CME
Associates, Inc.

385 Sherman Street
Rochester, New York 14606
(585) 254-8740
(585) 254-1351 (Fax)
www.cmeassociates.com

Page 1 of 1

IN-PLACE FIELD DENSITY TEST REPORT

PROJECT: Photech Imaging – Rochester, NY
CLIENT: LaBella Associates, P.C.
TEST METHOD: ASTM D6938-08a
MATERIAL TYPE/SOURCE: Brown SILT/CLAY, some cmf SAND, some cmf GRAVEL / Building 6, 7 – Middle Slough Bank
WEATHER: Clear
DATE: 04/02/12
REPORT NO.: 37004S-67-0412
REPRESENTATIVE: D. Stern, NICET II
TEMPERATURE: 44 °F

REMARKS:

This representative was onsite at the above referenced project to conduct in place field density testing on trench backfill placed and compacted by TREC Environmental. The placement area was approximately 15' to 40' East of the East lateral intersection.

The test results indicate that the required percentage of compaction was achieved at the locations and elevations shown below.

Representatives with TREC Environmental and Shawn Allen with Foundation Design, P.C. were informed of today's test results.

Notes: Elevations from finished grade
Horizontal locations from East lateral intersection

RESULTS:

Test #	Test Location	Test Elevation	Moisture Content (%)	OMC (%)	Field Dry Density (pcf)	100% Dry Density (pcf)	Compaction Achieved (%)	Compaction Required (%)
1	22' East	-6.5'	14.2	8.0	120.2	133.3	90.2	90.0
2	28' East	-6'	11.2	8.0	122.6	133.3	92.0	90.0
3	25' East	-5.5'	12.4	8.0	122.9	133.3	92.2	90.0
4	30' East	-4.5'	12.1	8.0	126.1	133.3	94.6	90.0
5	20' East	-4'	12.5	8.0	121.4	133.3	91.1	90.0
6	24' East	-3'	12.0	8.0	122.8	133.3	92.1	90.0
7	18' East	-2.5'	11.0	8.0	124.8	133.3	93.6	90.0
8	28' East	-1.5'	11.6	8.0	121.6	133.3	91.2	90.0
9	15' East	-0.5'	12.1	8.0	123.0	133.3	92.3	90.0



CME
Associates, Inc.

385 Sherman Street
Rochester, New York 14606
(585) 254-8740
(585) 254-1351 (Fax)
www.cmeassociates.com

Page 1 of 2

IN-PLACE FIELD DENSITY TEST REPORT

PROJECT: Photech Imaging – Rochester, NY **DATE:** 04/05/12
CLIENT: LaBella Associates, P.C. **REPORT NO.:** 37004S-68-0412
TEST METHOD: ASTM D6938-08a **REPRESENTATIVE:** M. Putnam
MATERIAL TYPE/SOURCE: Brown CLAY/SILT and cmf GRAVEL, some cmf SAND /
Onsite Material from Southeast Corner of Jobsite
WEATHER: Overcast **TEMPERATURE:** 40 °F

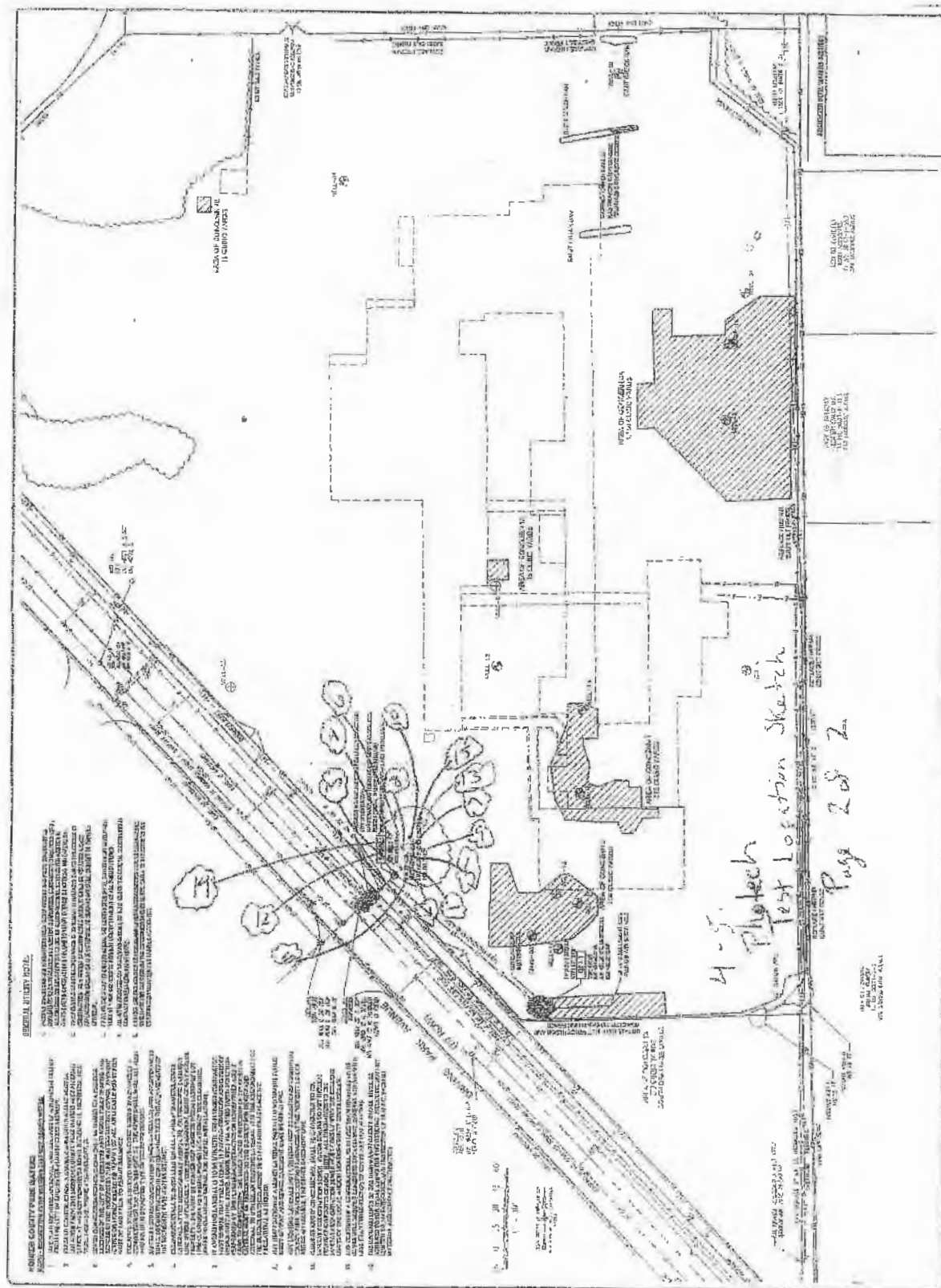
REMARKS:

This representative was onsite at the above referenced project to conduct in place field density testing on trench backfill. A single smooth drum roller in standard and vibratory modes was used for compaction on tests #1-3, 5, 7, 9, 11, 13, and 15. A remote-controlled sheep's foot roller in standard and vibratory modes was used for tests #4, 6, 8, 10, 12, and 14.

The test results indicate that the required percentage of compaction was achieved at the locations and elevations shown below, except for test #1. This material was removed, replaced, and re-compacted. Please refer to test #2.

RESULTS:

Test #	Test Location	Test Elevation	Moisture Content (%)	OMC (%)	Field Dry Density (pcf)	100% Dry Density (pcf)	Compaction Achieved (%)	Compaction Required (%)
1	See Attached Sketch	383	15.7	10.5	106.2	127.3	83.4	90.0
2	Retest #1; See Attached Sketch	383	14.5	10.5	115.7	127.3	90.9	90.0
3	See Attached Sketch	384	9.1	10.5	126.9	127.3	99.7	90.0
4	See Attached Sketch	388	8.6	10.5	119.5	127.3	93.9	90.0
5	See Attached Sketch	385	12.2	10.5	123.2	127.3	96.8	90.0
6	See Attached Sketch	389	13.3	10.5	118.1	127.3	92.7	90.0
7	See Attached Sketch	386	12.4	10.5	123.2	127.3	96.8	90.0
8	See Attached Sketch	390	10.5	10.5	115.4	127.3	90.7	90.0
9	See Attached Sketch	388	12.3	10.5	122.2	127.3	96.0	90.0
10	See Attached Sketch	391	10.5	10.5	117.5	127.3	92.3	90.0
11	See Attached Sketch	390	9.9	10.5	121.5	127.3	95.5	90.0
12	See Attached Sketch	392	9.7	10.5	118.8	127.3	93.4	90.0
13	See Attached Sketch	393	10.8	10.5	119.7	127.3	94.0	90.0
14	See Attached Sketch	394	8.9	10.5	121.9	127.3	95.8	90.0
15	See Attached Sketch	394	10.7	10.5	118.3	127.3	92.9	90.0





CME
Associates, Inc.

385 Sherman Street
Rochester, New York 14606
(585) 254-8740
(585) 254-1351 (Fax)
www.cmeassociates.com

Page 1 of 2

IN-PLACE FIELD DENSITY TEST REPORT

PROJECT:	Photech Imaging – Rochester, NY	DATE:	04/06/12
CLIENT:	LaBella Associates, P.C.	REPORT NO.:	37004S-69-0412
TEST METHOD:	ASTM D6938-08a	REPRESENTATIVE:	M. Putnam
MATERIAL TYPE/SOURCE:	Brown CLAY/SILT and cmf GRAVEL, some cmf SAND / Onsite Material from Southeast Corner of Jobsite		
WEATHER:	Sunny	TEMPERATURE:	45 °F

REMARKS:

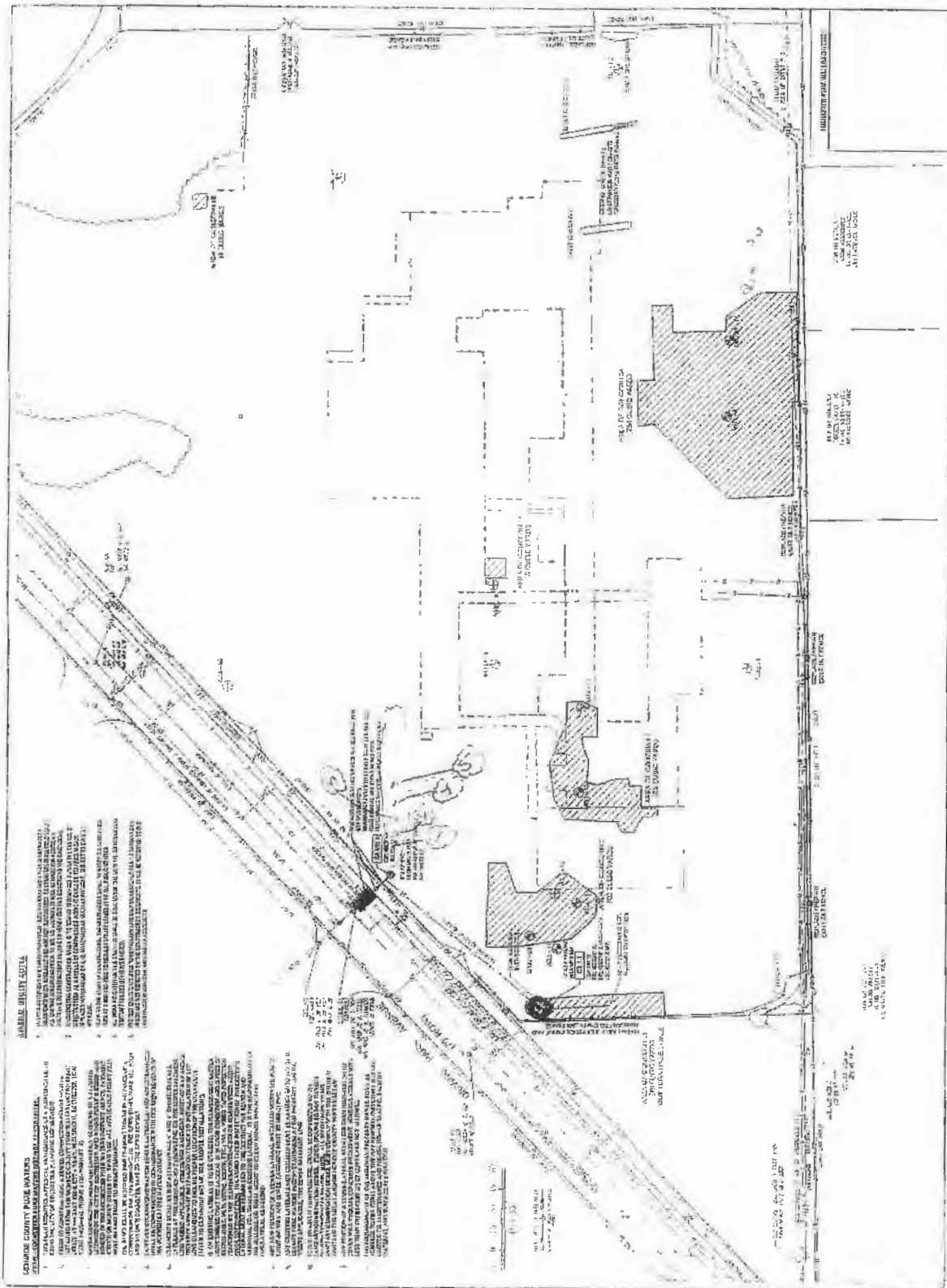
This representative was onsite at the above referenced project to conduct in place field density testing on trench backfill. A remote-controlled sheep's foot roller was used for compaction.

The test results indicate that the required percentage of compaction was achieved at the locations and elevations shown below.

Shawn Allen with Foundation Design, P.C. was informed of today's test results.

RESULTS:

Test #	Test Location	Test Elevation	Moisture Content (%)	OMC (%)	Field Dry Density (pcf)	100% Dry Density (pcf)	Compaction Achieved (%)	Compaction Required (%)
1	See Attached Sketch	390	5.4	10.5	123.3	127.3	96.9	90.0
2	See Attached Sketch	391	10.5	10.5	117.1	127.3	92.0	90.0
3	See Attached Sketch	392	7.9	10.5	118.5	127.3	93.1	90.0
4	See Attached Sketch	393	7.5	10.5	117.2	127.3	92.1	90.0
5	See Attached Sketch	395	8.6	10.5	117.9	127.3	92.6	90.0





CME
Associates, Inc.

385 Sherman Street
Rochester, New York 14606
(585) 254-8740
(585) 254-1351 (Fax)
www.cmeassociates.com

Page 1 of 2

IN-PLACE FIELD DENSITY TEST REPORT

PROJECT: Photech Imaging – Rochester, NY **DATE:** 03/28/12
CLIENT: LaBella Associates, P.C. **REPORT NO.:** 37004S-70-0312
TEST METHOD: ASTM D6938-08a **REPRESENTATIVE:** R. Holbrook,
NICET II
MATERIAL TYPE/SOURCE: Brown SILT/CLAY, some cmf SAND, some cmf GRAVEL / Building 6,
7 – Middle Slough Bank
WEATHER: Sunny **TEMPERATURE:** 60 °F

REMARKS:

This representative was onsite at the above referenced project to conduct in place field density testing on material placed and compacted as trench fill. A remote controlled sheepsfoot double drum roller was used for compaction.

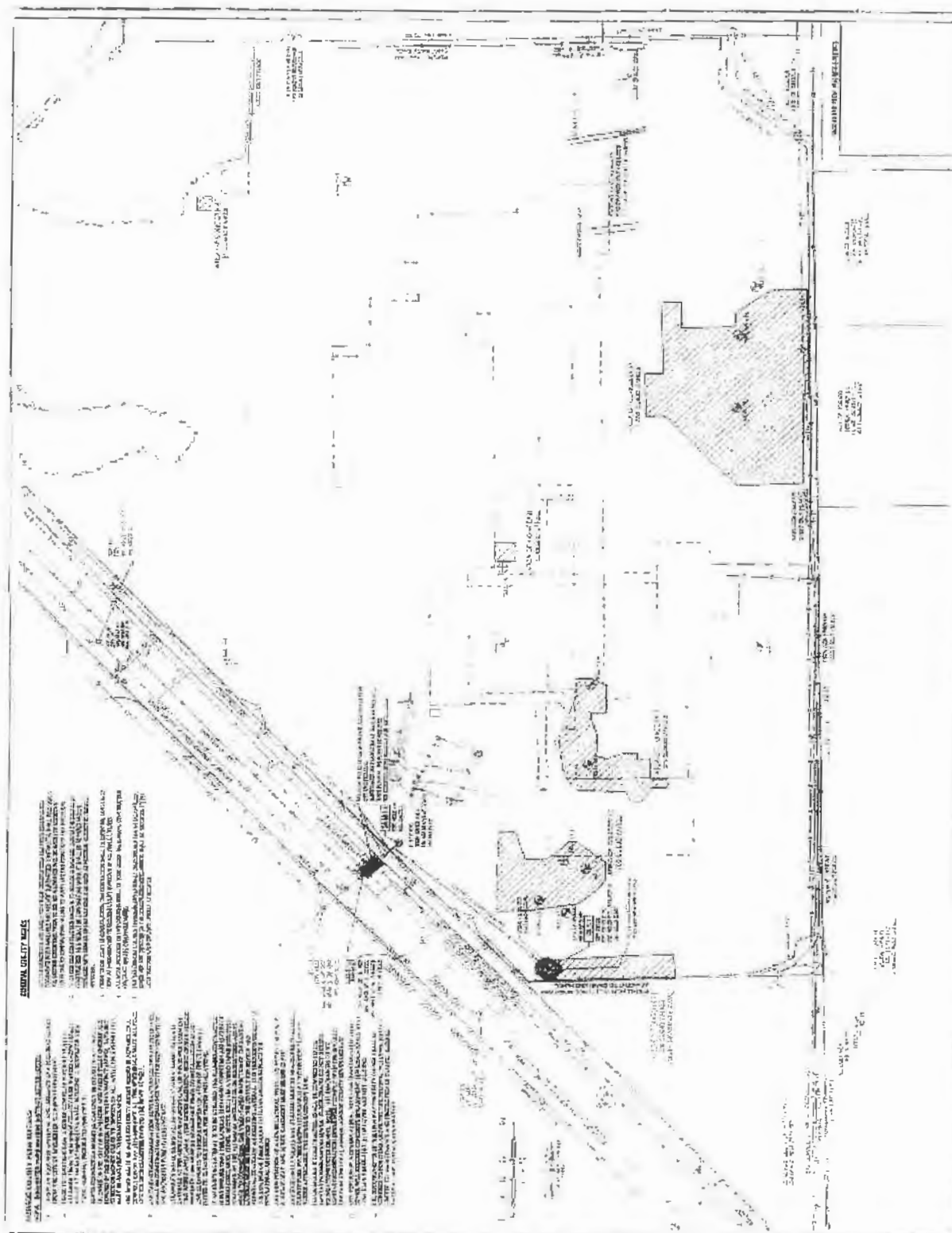
The test results indicate that the required percentage of compaction was achieved at the locations and elevations shown below.

Shawn Allen with Foundation Design was informed of today's test results.

Notes: BFG = Below Finish Grade

RESULTS:

Test #	Test Location	Test Elevation	Moisture Content (%)	OMC (%)	Field Dry Density (pcf)	100% Dry Density (pcf)	Compaction Achieved (%)	Compaction Required (%)
1	See Attached Sketch	-7' BFG	11.9	8.0	122.8	133.3	92.1	90.0
2	See Attached Sketch	-6' BFG	9.8	8.0	128.6	133.3	96.5	90.0
3	See Attached Sketch	-5' BFG	13.0	8.0	125.5	133.3	94.1	90.0
4	See Attached Sketch	-4' BFG	11.8	8.0	122.5	133.3	91.9	90.0
5	See Attached Sketch	-3' BFG	11.4	8.0	123.0	133.3	92.2	90.0
6	See Attached Sketch	-3' BFG	12.0	8.0	121.9	133.3	91.5	90.0
7	See Attached Sketch	-2' BFG	11.6	8.0	122.4	133.3	91.8	90.0
8	See Attached Sketch	-1' BFG	11.4	8.0	121.9	133.3	91.5	90.0
9	See Attached Sketch	-0' BFG	9.9	8.0	123.7	133.3	92.8	90.0





CME
Associates, Inc.

385 Sherman Street
Rochester, New York 14606
(585) 254-8740
(585) 254-1351 (Fax)
www.cmeassociates.com

Page 1 of 2

IN-PLACE FIELD DENSITY TEST REPORT

PROJECT: Photech Imaging – Rochester, NY **DATE:** 03/29/12
CLIENT: LaBella Associates, P.C. **REPORT NO.:** 37004S-71-0312
TEST METHOD: ASTM D6938-08a **REPRESENTATIVE:** B. Murray, ICC
MATERIAL TYPE/SOURCE: Tests #1-3: Brown SILT/CLAY, some cmf SAND, little cmf GRAVEL /
On-Site Excavated Material;
Tests #4-10: Brown SILT/CLAY, some cmf SAND, some cmf GRAVEL /
Building 6, 7 – Middle Slough Bank
WEATHER: Sunny **TEMPERATURE:** 60 °F

REMARKS:

This representative was onsite at the above referenced project to conduct in place field density testing. Today's tests were taken on trench backfill compacted using a self-propelled roller.

The test results indicate that the required percentage of compaction was achieved at the locations and elevations shown below.

Shawn Allen with Foundation Design was informed of today's test results.

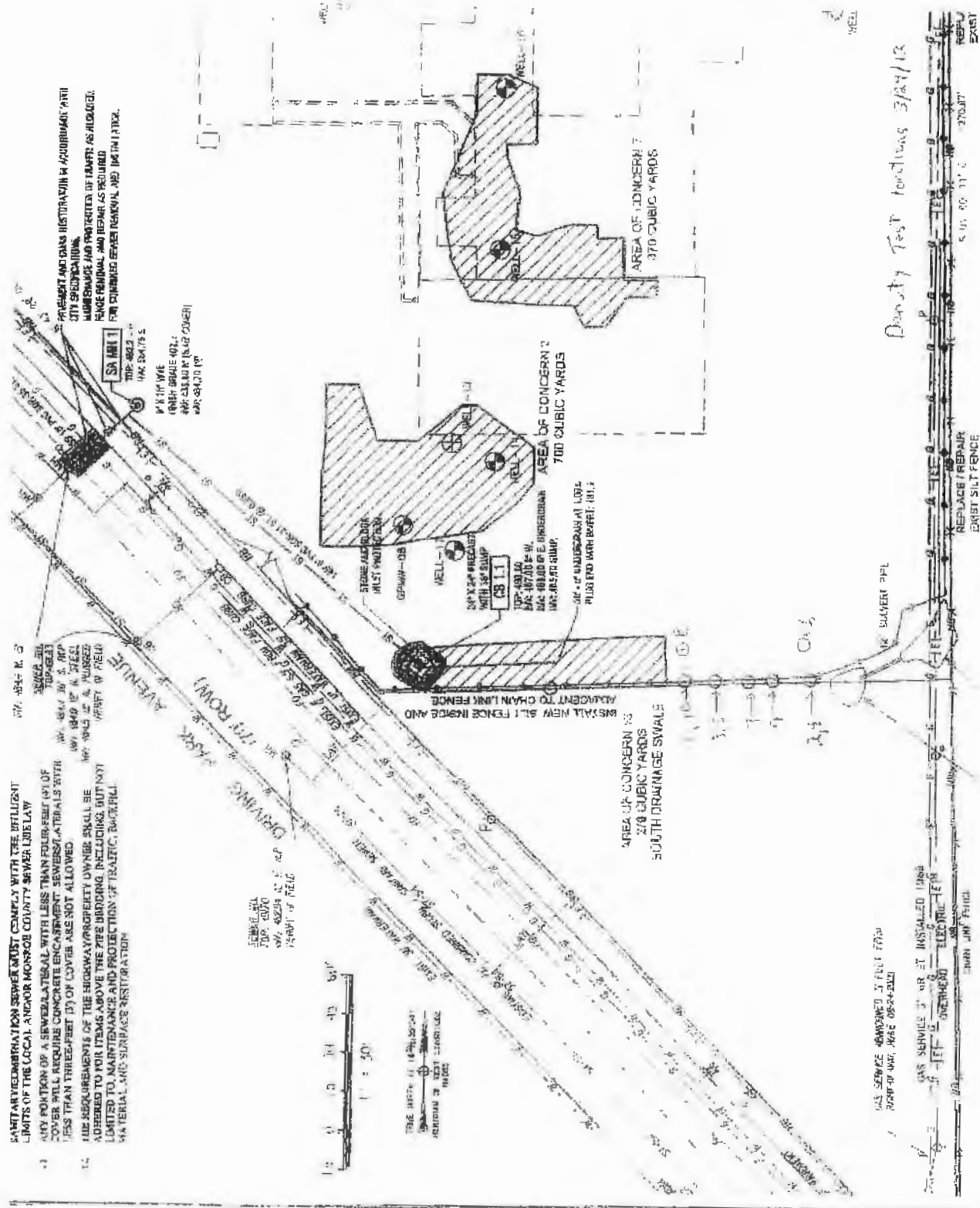
Notes: Elevations are taken from existing grade.

RESULTS:

Test #	Test Location	Test Elevation	Moisture Content (%)	OMC (%)	Field Dry Density (pcf)	100% Dry Density (pcf)	Compaction Achieved (%)	Compaction Required (%)
1	See Attached Plan	-5'	8.9	9.7	117.4	123.2	95.3	90.0
2	See Attached Plan	-5'	9.1	9.7	116.1	123.2	94.2	90.0
3	See Attached Plan	-4'	9.6	9.7	115.4	123.2	93.7	90.0
4	See Attached Plan	-4'	12.5	8.0	122.8	133.3	92.1	90.0
5	See Attached Plan	-3'	11.1	8.0	124.9	133.3	93.7	90.0
6	See Attached Plan	-3'	11.5	8.0	129.7	133.3	97.3	90.0
7	See Attached Plan	-2'	12.1	8.0	128.0	133.3	96.0	90.0
8	See Attached Plan	-2'	10.3	8.0	129.6	133.3	97.2	90.0
9	See Attached Plan	-1'	11.0	8.0	123.8	133.3	92.9	90.0
10	See Attached Plan	-1'	10.2	8.0	124.6	133.3	93.5	90.0



CME
Associates, Inc.



APPENDIX C

Phase 1 Construction Close-out Report



Foundation Design, P.C.

SOIL • BEDROCK • GROUNDWATER

November 5, 2010

LaBella Associates, P.C.
300 State Street
Suite 201
Rochester, New York 14614

Attention: Mr. Dennis Porter

Reference Photech Imaging Corporation Site – Phase I
1000 Driving Park Avenue, Rochester, NY
Construction Close-Out Letter, 3446.0

Dear Mr. Porter:

This letter report summarizes our site observations during mass earthwork operations for the referenced project. This report summarizes the earthwork associated with the Phase I foundation/tunnel removal work, backfilling operations, and mass grading for site drainage. We recommend that this report be placed in permanent storage with other as-built construction documents. These documents should include, but not be limited to, a copy of the plans and specifications, and any other material certifications submitted by the contractor.

Several firms had involvement during the mass grading operations. LaBella Associates, P.C. and LeChase Construction Services provided project oversight throughout the work. Foundation Design, P.C. provided geotechnical consultation/observation of the mass earthwork between July and October 2010. CME Associates, Inc. was retained for quality control on the fill placement.

Environmental Remediation Services, Inc. (ERSI) performed the mass grading operations between July 28 and October 21, 2010. As part of this work, the contractor salvaged available



LaBella Associates, P.C.

November 5, 2010

Page 2

'clean earth for reuse as structural fill, removing demolition debris for the fill as it was being placed. ERSI also recycled the on-site brick structure, concrete foundations, concrete floor slabs, and exterior concrete sidewalks and aprons, crushing the material to a minus two-inch size. Where the crushed product contained too much organic matter, the material was stockpiled separately and reused as final cover for the site.

The contract documents required that all fill material be in lifts not exceeding 8-inches in loose thickness and be compacted to a minimum of 95 percent of maximum dry density as determined by the Modified Proctor test (ASTM D-1557). In general, contractor achieved these requirements. Thicker lifts (18 to 24 inches thick) were allowed at the start of the deeper fill areas to start fill placement over wet subgrades; while the thicker lifts were not tested, passing test results were achieved on subsequent lifts. Isolated areas were accepted with in-place densities of 93 percent; these areas were hard, stable and passed a proof roll prior to placing another lift. Attached in Appendix A are copies of our Daily Field Reports for the project. Copies of the CME Associates, Inc. modified proctor curves and in-place density test reports are in Appendix B.

For ease in future site development, ERSI concentrated on placing the various materials in the following isolated areas (see plan in Appendix C for more detail):

- The 'clean' recycled product compacted was placed primarily in old Buildings No. 1 (green area on plan in Appendix C).
- The 'clean' recycled product was placed up to elevation 494 in the deep tunnel between Buildings No. 5 and No. 11 (blue area on plan).
- The 'clean' earth was salvaged was placed primarily in Buildings No. 2 through 6, No. 9, No. 10, No. 11, No. 16 and No. 17 (yellow area on plan).
- 2,000 cubic yards of imported gravel was used to start the fill placement in Buildings No. 11, No. 16 and No. 17 (portion of yellow area on plan).



**Foundation
Design, P.C.**

SOIL • BEDROCK • GROUNDWATER

LaBella Associates, P.C.

November 5, 2010

Page 3

- Organic contaminated recycled concrete and other organic-laden soil was used for the upper six to 18 inches of cover material.
- Imported material containing high organic contents were used to create the embankment located within and the overall mass grading required for Building No. 12 (orange area on plan).

Based on our site observation and the test results recorded, it is our opinion that the mass earthwork was performed in general accordance with the plans and specifications and our recommendations. We point out that the horizontal and vertical limits of the grading operations were determined by others. Foundation Design, P.C. does not guarantee the construction, nor should our work or this letter be construed as relieving the contractor of the contractor's responsibility to perform the work in accordance with the contract plans and specifications.

Submission of this letter completes our services on this portion of the project. We have enjoyed working with you in this project; call if we can be of assistance on subsequent phases of the project.

Very truly yours,

FOUNDATION DESIGN, P.C.

Jeffrey D. Netzbant, P.E.
Vice President
Enc.



**Foundation
Design, P.C.**

SOIL • BEDROCK • GROUNDWATER

APPENDIX A



Foundation Design, P.C.

SOIL • BEDROCK • GROUNDWATER

July 28, 2010

LaBella Associates, P.C.
300 State Street
Suite 201
Rochester, New York 14614

Attention: Mr. Dennis Porter

Reference Phototech Imaging Corporation Site
1000 Driving Park Avenue, Rochester, NY
Site Consultation, 3446.0

Dear Mr. Porter:

This letter is intended to confirm our conversations on-site with yourself and Mike Pelychaty from LaBella Associates, Tim Magill from LeChase Construction, and Joe Biondolillo of the City of Rochester. We walked the site on Monday, July 26 reviewing the site conditions, backfill materials available on-site, and imported fill materials that the contractor has submitted to date. We also reviewed the City of Rochester vision of the project 'end goals', trying to assess how much earthwork was prudent at this time. The following is a brief discussion of the various items discussed:

Imported Fill Material

The contractor has submitted a material they would like to use as structural fill, a sand product from Elam Sand & Gravel. We have reviewed the contractor's submission and the CME Associates laboratory testing on a soil sample that your staff had tested. The submitted material (SJB testing) and the CME sieve samples both meet the NYSDOT gradation requirements for Item 203.07. The NYSDOT specification also requires the material to be substantially free of shale or other soft material, with a Magnesium Sulfate Loss under 30 percent. This requirement prevents getting a lot of shale that pulverizes into fines during placement. We have seen shaly gravel go from under 10 percent delivered to the site to over 40 percent fines compacted. This is more of an issue in the southern tier. We suggest reviewing this concern with the supplier to verify that the product proposed also meets this criterion.



LaBella Associates, P.C.

July 28, 2010

Page 2

On-site Recycled Product Operations

We reviewed the operations being used to generate recycled aggregate, potentially for use as structural fill. The on-site concrete, brick, tile, cobbles, and boulders are being crushed on-site to a 2-inch minus size. Small amounts of wood are being included in the crushed material. We understand that after a pile is generated, the pile is leveled off and reworked so that the wood in the pile is hand removed from the fill. The material is then pushed into a berm on the west half of the site, again with wood being hand cleaned from the fill.

We see two concerns with the existing operations. Within the bermed area, we noted large amounts of soil that has been tracked over the crushed material. This soil should be pushed off the pile prior to placing more recycled material into the pile. We also noted that a fair amount of earth was being placed on one of the piles with the concrete. We recognized that some earth will be intermixed with the product. The contractor should take measures to minimize the amount of earth in the recycled product. We suggest performing periodic organic content testing of the generated material. If the organic content of the generated product exceeds three percent, we suggest placing the material in a separate stockpile for use under future pavements, sidewalks, and landscaping.

Final Grading Scheme

We understand that the existing contract requires the site to be brought to grade shown on the *Theoretical Site Plan (Layout 3)* dated January 8, 2009. We understand from Joe that this plan is very conceptual. Developing 'shovel-ready' building pads is not part of this contract.

With this in mind, we reviewed several approaches to the final site configuration. It was determined that the best approach would be to shape the site to drain, minimizing the amount of imported material and site grading that would be performed as part of this contract. To this end, we offer the following specific recommendations:

- Complete the building demolition work required under the contract, removing the in-place foundations and floors slabs from the existing building areas.
- Install sumps as needed to depress the water that is accumulating in the existing excavations.
- Pull back out of the excavation un-compacted soil that has been placed in the excavation for safety considerations.



**Foundation
Design, P.C.**

SOIL • BEDROCK • GROUNDWATER

LaBella Associates, P.C.

July 28, 2010

Page 3

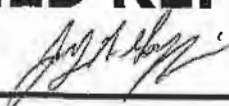
- Place a 12 to 18-inch lift of compacted recycled concrete (4 to 6-inch size material currently being prepared for the crushing operation) in the bottom of the basement areas. This concrete layer will be a well defined break in the future as to where the bottom of the demolition work was located.
- Cover the cobble layer using imported Select Granular Fill or recycled aggregate from the stockpile. Placing this material in a compacted 12-inch thick lift. The intent is to shake/vibrate this material into the void that may exist in the underlying concrete layer.
- Use the on-site earth to form swales and establish site drainage. We understand that LaBella Associates will be developing an interim grading plan for the contractor's use. The intent is to blend the side slopes into the existing surface grades, allowing water to flow primarily to the north, then to existing ditches along the eastern property line.
- The earth fill used to form the swales would be placed in 12-inch lifts and compacted to 95 percent of Modified Proctor as required by the contract documents. LaBella Associates will need to have a couple representative proctor samples of the on-site soils picked up. We are available to consult with your staff during the backfilling operations if issues arise in achieving the contract required compaction standard.
- Leave the recycled material generated in a stockpile for use during future development of the parcel.

This concludes our thoughts. Let us know when you proceed with the backfilling operations and we will make periodic site visits to observe the work.

Very truly yours,

FOUNDATION DESIGN, P.C.

Jeffrey D. Netzband, P.E.
Vice President

FOUNDATION DESIGN, P.C. 335 Colfax Street Rochester, New York 14606-3107 PHONE (585) 458-0824 FAX (585) 458-3323	Date: 8-16-10	Job No: 3446.0	Report No: 1
	Project: Photech Imaging Site, 1000 Driving Park Ave		
	Contractor: ERST	Owner: City of Rochester	
	Weather: Sunny	Temp: ° AM 80's° 3:00 PM	
TO: LaBella Associates, P.C. 300 State Street Suite 201 Rochester, New York 14614 Attn: Mr. Dennis Porter	Present at Site: Evan – LaBella Assoc Joe Biondolillo - City of Rochester Jay Goggin – Foundation Design Tim Magill – LeChase Burt -ERSI		
<p>THE FOLLOWING WAS NOTED:</p> <ol style="list-style-type: none"> 1. I was on site to sample recycled concrete being generated on site. I sampled the stock pile and delivered the sample to CME Assoc. for a proctor test. 2. While on site Joe and I reviewed the crushing operation. Joe expressed a concern about organics in the crushed concrete pile. Joe informed me that during crushing on Friday, it looked as if the contractor was mixing topsoil with the concrete during the crushing operation. I did observe some soils being mixed with the concrete while I was on site. The soil looked like the soil sampled for a proctor sample earlier in the month. I reviewed with Joe that if the soil being mixed with the concrete is not organic/topsoil, a small amount by volume would not be detrimental to the recycled material. Joe informed me that a sample was of the recycled concrete was sent to Paradigm for organic testing. 			
COPIES TO:	<div style="text-align: center;"> FIELD REPORT SIGNED  </div>		



FOUNDATION DESIGN, P.C.**335 Colfax Street
Rochester, New York 14606-3107**

PHONE (585) 458-0824

FAX (585) 458-3323

Date:
8-18-10Job No:
3446.0Report No:
2Project:
Photech Imaging Site, 1000 Driving Park AveContractor:
ERSTOwner:
City of RochesterWeather:
CloudyTemp: 73° 9:00AM
° PM

TO:

LaBella Associates, P.C.
300 State Street
Suite 201
Rochester, New York 14614
Attn: Mr. Dennis PorterPresent at Site:
Evan - LaBella Assoc
Jay Goggin - Foundation Design
Burt -ERST

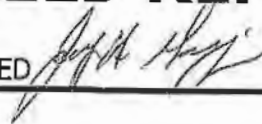
THE FOLLOWING WAS NOTED:

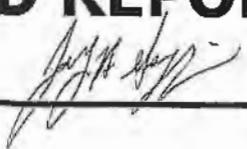
1. I was on site to sample recycled concrete being generated on site for organic testing. I sampled the stock pile of material generated this morning and took two samples of the soil mixed in the concrete still to be crushed. I delivered the samples to CME Assoc. for testing.
2. Evan and I reviewed the soil being mixed in with the concrete during the crushing operation and that it should be limited. Evan informed me that he will be keeping a closer watch on the crushing operation now that the organic testing from Paradigm has been received and that several of the test results exceed the three percent organic (by weight) limit.

COPIES TO:

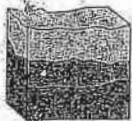
FIELD REPORT

SIGNED



FOUNDATION DESIGN, P.C. 335 Colfax Street Rochester, New York 14606-3107 PHONE (585) 458-0824 FAX (585) 458-3323	Date: 8-19-10	Job No: 3446.0	Report No: 3
	Project: Photech Imaging Site, 1000 Driving Park Ave		
	Contractor: ERST	Owner: City of Rochester	
	Weather: Cloudy	Temp: ° AM 82° 2:30 PM	
TO: LaBella Associates, P.C. 300 State Street Suite 201 Rochester, New York 14614 Attn: Mr. Dennis Porter	Present at Site: Evan – LaBella Assoc Jay Goggin – Foundation Design Tim Magill – LeChase		
THE FOLLOWING WAS NOTED: 1. I was on site to sample recycled concrete being generated on site for organic testing. I sampled the stock pile of material being generated while I was on site. Samples were delivered to CME Assoc. for testing.			
COPIES TO:	FIELD REPORT SIGNED 		





Foundation Design, P.C.

SOIL • BEDROCK • GROUNDWATER

August 18, 2010

LaBella Associates, P.C.
300 State Street, Suite 201
Rochester, New York 14614

Attention: Mr. Dennis Porter

Reference: Photech Imaging Corporation Site
Recycled Material - Organic Content, 3446.0

Dear Mr. Porter:

This letter reiterates our concerns with the continuing concrete crushing operations. In our July 27, 2010 letter, we expressed concerns about the amount of topsoil that was being mixed with the recycled concrete. We also outlined measures to limit this contamination.

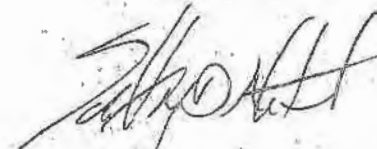
We have reviewed the initial laboratory testing (enclosed) performed to check the organic content of the material generated. The testing indicates that the material generated on Friday, August 13 contained 2.47 to 5.89 percent organic matter. This exceeds the three percent amount that we outlined; we understand that the material has been intermixed with the 'cleaner' recycled product.

We are in the process of taking additional samples to cross check these initial values. Some were dropped off on Monday; others are being taken to the CME Associates for testing today. It is critical that the amount of topsoil run through the crusher be limited as much as possible by the contractor. We suggesting testing material regularly (daily) until this issue is resolved.

This concludes our thoughts. Forward the new test result values when they become available.

Very truly yours,

FOUNDATION DESIGN, P.C.



Jeffrey D. Netzband, P.E.
Vice President
Enc.

Total Solids / Total Volatile Solids Analysis Report

Client: LaBella Associates, P.C.

Client Job Site: Photech
Rochester, NY
Client Job Number: 209288

Lab Project Number: 10-3321

Sample Type: Solid

Date Sampled: 08/13/2010
Date Received: 08/13/2010
Date Analyzed: 08/16/2010


Lab Sample Number	Field Number	Field Location	Result (%TS)	Result (%TVS)
10910	N/A	Photech-NW	91.88	3.17
10911	N/A	Photech-SW	93.97	2.47
10912	N/A	Photech-NE	93.98	5.89
10913	N/A	Photech-SE	94.64	3.75

ELAP Number 10958

Method: SM18 2540G

Comments:

Signature:


Bruce Hoogesteger, Technical Director

PARADIGM

CHAIN OF CUSTODY

REPORT TO:

INVOICE TO:

COMPANY: <u>LaBella Associates, P.C.</u>	COMPANY: <u>Same</u>	LAB PROJECT #: <u>10-3321</u>	CLIENT PROJECT #: <u>200298</u>
ADDRESS: <u>500 State Street</u>	ADDRESS:	TURNAROUND TIME: (WORKING DAYS)	
CITY: <u>Rochester</u>	CITY:	STATE: <u>NY</u>	ZIP: <u>14614</u>
PHONE: <u>(585) 295-6245</u>	PHONE:	FAX:	
ATTN: <u>Debra Porter</u>	ATTN:	STD: <input type="checkbox"/> 1 <input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 5	OTH: <input type="checkbox"/>
COMMENTS: <u>Have 2-mail results to Porter@labella.PC.com</u>		Quotation # 2 day per lab.	

PROJECT NAME/SITE NAME:

Photek
Rochester, NY

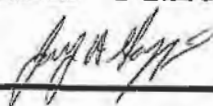
REQUESTED ANALYSIS				MS to collect			
DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	CONTAMINANTS	REMARKS
18/12/10	1400	X		Photek - NW	Soil	1 X	Do TS/TVS per
2	1410	X		Photek - SW	Soil	1 X	M. Shannon 8/13
3	1420	X		Photek - NE	Soil	1 X	as per client.
4	1430	X		Photek - SE	Soil	1 X	EAH 8/13
5							1091
6							1091
7							1091
8							1091
9							
10							

LAB USE ONLY BELOW THIS LINE

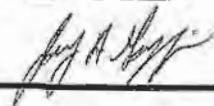
Sample Condition: Per NELAC/ELAP 210/241/242/243/244


Receipt Parameter		NELAC Compliance	
Comments:	Container Type: <u>N/A</u>	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:	Preservation: <u>N/A</u>	Y <input type="checkbox"/>	N <input type="checkbox"/>
Comments:	Holding Time:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:	Temperature: <u>26°C</u>	Y <input type="checkbox"/>	N <input checked="" type="checkbox"/>

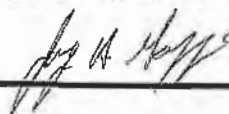
Sampled By: <u>Evan R. Duvose</u>	Date/Time: <u>8/13/10 1400</u>	Total Cost:
Relinquished By: <u>Evan R. Duvose</u>	Date/Time: <u>8/13/10 1549</u>	
Received By: <u>Elizabeth A. Honch</u>	Date/Time: <u>8/13/10 1700</u>	P.I.F.
Received @ Lab By:	Date/Time:	

FOUNDATION DESIGN, P.C. 335 Colfax Street Rochester, New York 14606-3107 PHONE (585) 458-0824 FAX (585) 458-3323	Date: 9-9-10	Job No: 3446.0	Report No: 4
TO: LaBella Associates, P.C. 300 State Street Suite 201 Rochester, New York 14614 Attn: Mr. Dennis Porter	Project: Photech Imaging Site, 1000 Driving Park Ave		
	Contractor: ERSI USA	Owner: City of Rochester	
	Weather: Sunny	Temp: 60's° 70's°	9:00AM 3:30 PM
Present at Site: Evan – LaBella Assoc Jay Goggin – Foundation Design Tim Magill – LeChase Burt - ERSI			
<p>THE FOLLOWING WAS NOTED:</p> <ol style="list-style-type: none"> 1. I was on site to observe the deep tunnel removal between buildings 11 and 7. ERSI was breaking up and removing the tunnel walls prior to my arrival on site. Soil had been excavated yesterday in preparation for the tunnel removal. 2. I was informed by Tim that the water in the tunnel trench is a mixture of both ground water and water that was in the tunnel. He informed me that ERSI had not pumped water from the tunnel prior to starting removal and the tunnel had 5' water in it. 3. ERSI was having difficulty breaking up the walls and in-place footing for the tunnel due to several factors. <ul style="list-style-type: none"> • The side banks were sloughing from the weight of the excavator. • The footing was bonded to the bedrock. • Water made seeing what need to be removed difficult. • Rebar in the walls are imbedded in the footing. 4. ERSI attempted to continue removal by benching the excavator down on the north side of the trench. This did not help. They also attempted to pump the water out of the tunnel trench into the frack tank, the pump did not operate well and the frack tank did not have sufficient capacity for the water. They have abandoned this operation until the frac tank is emptied. Tim recommended that the might need an additional frack tank to facilitate completing demolition of the tunnel. 5. I am scheduled to stop by the site in the morning to see if ERSI will start earthwork. 			
COPIES TO:		FIELD REPORT SIGNED 	



FOUNDATION DESIGN, P.C. 335 Colfax Street Rochester, New York 14606-3107 PHONE (585) 458-0824 FAX (585) 458-3323	Date: 9-10-10	Job No: 3446.0	Report No: 5
	Project: Phototech Imaging Site, 1000 Driving Park Ave		
	Contractor: ERSI USA	Owner: City of Rochester	
	Weather: Sunny	Temp: 60's° 7:00AM ° PM	
TO: LaBella Associates, P.C. 300 State Street Suite 201 Rochester, New York 14614 Attn: Mr. Dennis Porter	Present at Site: Evan – LaBella Assoc Jay Goggin – Foundation Design Tim Magill – LeChase Tim - ERSI		
THE FOLLOWING WAS NOTED: 1. I was on site to see if ERSI was starting earthwork as planned. I was informed that ERSI would not be starting earthwork today. I am scheduled to be onsite Monday to observe earthwork.			
COPIES TO:	FIELD REPORT SIGNED 		



FOUNDATION DESIGN, P.C.	Date: 9-13-10	Job No: 3446.0	Report No: 6
335 Colfax Street Rochester, New York 14606-3107 PHONE (585) 458-0824 FAX (585) 458-3323	Project: Photech Imaging Site, 1000 Driving Park Ave		
	Contractor: ERSI USA	Owner: City of Rochester	
	Weather: Sunny	Temp: 55° 70°	7:00AM 3:00PM
TO: LaBella Associates, P.C. 300 State Street Suite 201 Rochester, New York 14614 Attn: Mr. Dennis Porter	Present at Site: Mike – LaBella Assoc Jay Goggin – Foundation Design Tim Magill – LeChase Tim Niedzwiecki, Wayne - ERSI		
<p>THE FOLLOWING WAS NOTED:</p> <ol style="list-style-type: none"> 1. I was on site to observe earthwork. 2. ERSI worked Saturday to cut the banks back and level the excavation in buildings 11, 16, 17, and the portion of 7 north of the deep utility. Soils in these buildings were not seal rolled as no roller was on site Saturday. Rain Sunday had saturated the surface soils in these buildings. 3. ERSI removed standing water and cut/removed soft soil from buildings 16 and 17 late in the morning. 4. I observed proof rolling of the subgrade under a small roller after lunch and observed two areas one in each building that pumped and rutted. Both of these areas are estimated to be near finished grade with in the swales. 5. It was determined that the soft area in building 16 would have cobble sized concrete placed to stabilize the area so fill placement could start in the morning. ERSI started to place the cobble sized concrete to bridge the soft spot to allow for fill placement in the morning. They did not stop placement during a heavy thunder storm containing hail. Working in the rain turned the area approved for fill placement to wet sloppy mud. 6. ERSI had to be informed that they were destroying the subgrade before they stopped work in building 16. The area will need to be fixed in the morning. 			
COPIES TO:	FIELD REPORT		
	SIGNED 		



FOUNDATION DESIGN, P.C.**335 Colfax Street
Rochester, New York 14606-3107**PHONE (585) 458-0824
FAX (585) 458-3323Date:
9-14-10Job No:
3446.0Report No:
7Project:
Photech Imaging Site, 1000 Driving Park AveContractor:
ERSI USAOwner:
City of RochesterWeather:
SunnyTemp: 50° 7:00AM
65° 3:00PM

TO:

LaBella Associates, P.C.
300 State Street
Suite 201
Rochester, New York 14614
Attn: Mr. Dennis PorterPresent at Site:
Mike, Dennis – LaBella Assoc
Jay Goggin, Jeff Netzbund – Foundation Design
Tim Magill – LeChase
Tim Niedzwiecki, Wayne - ERSI

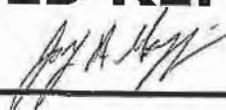
THE FOLLOWING WAS NOTED:

1. I was on site to observe earthwork. ERSI started to remove standing water from building 17 and clean up the area disturbed yesterday inof building 16 before Tim with ERSI determined that he was not going to continue to clean up the buildings but would wait for them to air dry.
2. I remained on site for the weekly job meeting. During the job meeting it was determined that ERSI would be allowed to place imported material from Elam Sand and Gravel to a depth of 30" were needed in buildings 7, 16, and 17. The original thought for the start of fill placement was to use 18" of cobble size concrete to bridge soft soil that were encountered in these buildings during demolition. The native subgrade has improved with time eliminating the need for the bridging material.
3. ERSI cleaned up the saturated subgrade in buildings 7, 16, and 17. I observed the 12-ton roller under vibration for several passes to verify that the existing subgrade would perform under truck traffic and compactive effort during import operation. Except for the soft area that ERSI started cobble placement in yesterday I observed little to no visible movement.
4. ERSI completed placing approximately 24" of cobble sized concrete in building 16, hand cleaning/removing rebar and visible trash. The bridging material was compacted by both tracking it into the soft zone and compactive effort with the vibratory roller. The area still has visible deflection but should hold up under construction traffic.
5. ERSI will start to import material in the morning.

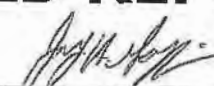
COPIES TO:

FIELD REPORT

SIGNED



104

FOUNDATION DESIGN, P.C. 335 Colfax Street Rochester, New York 14606-3107 PHONE (585) 458-0824 FAX (585) 458-3323	Date: 9-15-10	Job No: 3446.0	Report No: 8
	Project: Photech Imaging Site, 1000 Driving Park Ave		
	Contractor: ERSI USA	Owner: City of Rochester	
	Weather: Sun and clouds	Temp: 45° 65°	7:00AM 4:00PM
TO: LaBella Associates, P.C. 300 State Street Suite 201 Rochester, New York 14614 Attn: Mr. Dennis Porter	Present at Site: Mike, Dennis – LaBella Assoc Jay Goggin– Foundation Design Tim Magill – LeChase Wayne, Burt- ERSI Peter - CME		
<p>THE FOLLOWING WAS NOTED:</p> <ol style="list-style-type: none"> 1. I was on site to observe earthwork. ERSI started importing material from Elam Sand and Gravel this morning. Fill was imported utilizing 5 dump truck and pup trailers. 2. Imported fill was placed from north to south in building 16. ERSI completed 2 lifts of material in buildings 11 and 16 today, 25 loads of import. CME conducted in-place density test as fill placement progressed. Density testing indicated that compaction requirement were achieved, 95% compaction with in 2% of optimum moisture content as determined by laboratory proctor test. 3. ERSI is planning to try to place some of the on site soil in the connector tunnel between building 11 and 2 tomorrow morning. They do not plan to continue import due to heavy rain forecasted tomorrow. 4. I recommended to ERSI that they shape and seal piles of on site material that can be accessed with the bulldozer and roller to prevent additional moisture/soaking from additional rain. Other piles should be covered with poly. They said they would follow this recommendation. 			
COPIES TO:		FIELD REPORT SIGNED 	



FOUNDATION DESIGN, P.C.**335 Colfax Street
Rochester, New York 14606-3107**PHONE (585) 458-0824
FAX (585) 458-3323Date:
9-16-10Job No:
3446.0Report No:
9Project:
Phototech Imaging Site, 1000 Driving Park AveContractor:
ERSI USAOwner:
City of RochesterWeather:
Clouds RainTemp: 60° 7:30AM
° PM

TO:

LaBella Associates, P.C.
300 State Street
Suite 201
Rochester, New York 14614
Attn: Mr. Dennis PorterPresent at Site:
Mike Pelychaty – LaBella Assoc
Jay Goggin – Foundation Design
Tim Magill – LeChase
Wayne, Burt- ERSI
Peter - CME

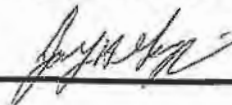
THE FOLLOWING WAS NOTED:

1. I was on site to observe earthwork.
2. ERSI had placed a lift of on-site soil material in the connector tunnel between buildings 11 and 2 after I left the site yesterday. CME took in-place density test on the on site fill material placed yesterday. In-place density testing indicated 89% compaction 4% above optimum moisture content. I informed ERSI that the material would need to dry before compaction would be achieved.
3. ERSI informed me that all of the onsite material was wet and asked my opinion as to how they would be able to place and compact it. Tim M. and I informed them that the material would likely need to be spread to dry and the piles fluffed weather permitting. They decided that they did not want to handle the material twice, or more, and placed a lift on the south end of building 11/16 to dry it in place. I recommended that the material not be placed at this time because they could continue to import an additional lift of material (the approved 30-inch lift had not been completed) weather permitting at a later date.
4. ERSI requested that CME take density test on the lift of material they placed in building 11/16 this morning. Results were consistent with density testing in the tunnel above.
5. ERSI leveled/shaped sealed some of the accessible stockpiles of on site material before it started raining at about 10a.m. (as forecasted). They were covering other piles with poly when I left the site.

COPIES TO:

FIELD REPORT

SIGNED



FOUNDATION DESIGN, P.C.**335 Colfax Street
Rochester, New York 14606-3107**

PHONE (585) 458-0824

FAX (585) 458-3323

Date:
9-18-10Job No:
3446.0Report No:
11Project:
Photech Imaging Site, 1000 Driving Park AveContractor:
ERSIOwner:
City of RochesterWeather:
SunnyTemp: 55° 7:30 AM
° PM

TO:

LaBella Associates, P.C.
300 State Street
Suite 201
Rochester, New York 14614
Attn: Mr. Dennis PorterPresent at Site:
Mike - LaBella Assoc
Jay Goggin - Foundation Design
Tim Magill - LeChase
Wayne, Burt -ERSI

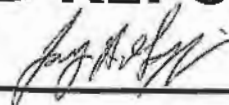
THE FOLLOWING WAS NOTED:


1. I was on site to observe earthwork operations. When I arrived on site ERSI had not started to remove water that had accumulated from rain on Thursday. ERSI informed me that if they attempted to place material, it would be in a limited area south of the soft area that was stabilized with cobble size concrete in building 11 & 16. They also stated that they would work on drying up standing water, but their main focus would be on crushing. I left the site for the day.

COPIES TO:

FIELD REPORT

SIGNED



FOUNDATION DESIGN, P.C. 335 Colfax Street Rochester, New York 14606-3107 PHONE (585) 458-0824 FAX (585) 458-3323	Date: 9-20-10	Job No: 3446.0	Report No: 12
	Project: Phototech Imaging Site, 1000 Driving Park Ave		
	Contractor: ERSI	Owner: City of Rochester	
	Weather: Sunny	Temp: 55° 7:30 AM 68° 4:30 PM	
TO: LaBella Associates, P.C. 300 State Street Suite 201 Rochester, New York 14614 Attn: Mr. Dennis Porter	Present at Site: Mike -- LaBella Assoc Jay Goggin -- Foundation Design Tim Magill -- LeChase Wayne, Burt --ERSI Pete - CME		
<p>THE FOLLOWING WAS NOTED:</p> <ol style="list-style-type: none"> 1. I was on to observe earthwork operations. The site was in the same condition it was on Saturday morning. 2. ERSI started to import material from Elam Sand and Gravel for fill placement in buildings No.2, 7, 3, 4, and 5. They had to build a ramp through building No.1 to bridge soft soils for access to building No.2. 3. The imported material was placed in lifts and compacted as it was imported. CME conducted in-place density test on the material as it was placed. In-place density test indicated that the required 95% compaction within 2% of optimum moisture was achieved on the imported material. 4. ERSI opened up the on site soil lift that was placed on Friday, 9-17-10, to aerate and aid in drying as recommended. Late in the day the material was re-compacted and CME took in-place density test. In-place testing indicated that the material achieved 93 to 94% compaction with 11% moisture. Additional compactive effort did not increase the in-place density. 5. Joe Biondolillo was on site at this time I reviewed with him that the soil fill placed was stable and is about 3% above optimum moisture. I inquired if it would be acceptable to allow slightly less than 95% compaction if the material is stable, but with in a reasonable moisture content. He informed me that provided that the material was stable, it would be acceptable. 6. I informed ERSI that the lift placed in building 11/16 was acceptable and they could place additional material to start drying. They started to place an additional lift from the stockpiled material at the south end of building 11. 			
COPIES TO:	<div style="text-align: center;"> FIELD REPORT  SIGNED </div>		

(10V)

FOUNDATION DESIGN, P.C.**335 Colfax Street
Rochester, New York 14606-3107**PHONE (585) 458-0824
FAX (585) 458-3323Date:
9-21-10Job No:
3446.0Report No:
13Project:
Photech Imaging Site, 1000 Driving Park AveContractor:
ERSIOwner:
City of RochesterWeather:
SunnyTemp: 55° 7:30 AM
72° 5:00 PM

TO:

LaBella Associates, P.C.
300 State Street
Suite 201
Rochester, New York 14614
Attn: Mr. Dennis PorterPresent at Site:
Mike - LaBella Assoc
Jay Goggin - Foundation Design
Tim Magill - LeChase
Tim, Wayne, Burt - ERSI
Pete - CME

THE FOLLOWING WAS NOTED:

1. I was on to observe earthwork operations.
2. ERSI continued to place imported material in the same buildings as yesterday. CME conducted in-place density test as material was placed and compacted. Density testing indicated that the material was achieving compaction requirements, 95% with in 2% of optimum moisture content.
3. ERSI pumped water accumulated in utility tunnel into the additional frac tank. They excavated the soft saturated material generated during demolition working from east to west. The material was stockpiled on the western half of the utility tunnel for removal at a later date. They also removed the remaining tunnel walls and a portion of the floor slab on the eastern half of the tunnel.
4. ERSI started to place re-cycled concrete in the eastern half of the tunnel this afternoon. I recommended that they place an initial 18" lift to aid in bridging undisturbed soft in-place soils. Ground water was controlled. They followed this recommendation. In place density test indicated 92 to 94% compaction about 2% dry of optimum. In-place density's did not increase with additional compactive effort. I approved the lift of material as acceptable for additional fill placement, but informed ERSI that compaction requirement would have to be achieved on subsequent lifts. They place an additional lift of material that will be tested tomorrow.
5. ERSI worked on shaping some of the stockpile earth and seal rolling them in anticipation of forecasted rain tomorrow. I recommended that the site be seal rolled where disturbed in fill areas and other piles be recovered with poly. They were following these recommendations when I left the site.

COPIES TO:

FIELD REPORT

SIGNED



FOUNDATION DESIGN, P.C.**335 Colfax Street
Rochester, New York 14606-3107**

PHONE (585) 458-0824

FAX (585) 458-3323

Date:
9-22-10Job No:
3446.0Report No:
14Project:
Photech Imaging Site, 1000 Driving Park AveContractor:
ERSIOwner:
City of RochesterWeather:
RainTemp: 60° 7:30 AM
70° 4:00 PM

TO:

LaBella Associates, P.C.
300 State Street
Suite 201
Rochester, New York 14614
Attn: Mr. Dennis PorterPresent at Site:
Mike - LaBella Assoc
Jay Goggin - Foundation Design
Tim Magill - LeChase
Wayne, Burt - ERSI
Pete - CME

THE FOLLOWING WAS NOTED:

1. I was on to observe earthwork operations.
2. ERSI worked on removing the saturated self leveling soils from the utility tunnel. I recommended that they remove only enough of the saturated material to allow them to continue pulling additional tunnel walls and any of the tunnel floor that came with them. I recommended working small sections and continue filling from east to west. Wayne informed me that ERSI would be removing all of the remaining saturated soil and tunnel before continuing to fill the tunnel.
3. At about 1:30, the excavator thru its track in the tunnel excavation. The shut down removal work while it was repaired. The track was back on the excavator at about 3:30 and ERSI shut operations down for the day.
4. Ground water was rising and ERSI does not have a place to pump the water. The two frac tanks on site are full and waiting for test result before they can be emptied.
5. Testing and the lift of recycled material placed in the eastern half of the tunnel indicated that compaction requirements were achieved. ERSI asked about placing an additional lift over this material. I reminded them that they have only been approved to use 700cy of the recycled material and that the excavation is deeper on the west end of the tunnel. I recommended that they fill the west half of the tunnel, even with the east, before placing additional material on the east end. They agreed with this recommendation.


COPIES TO:

FIELD REPORT

SIGNED



704

FOUNDATION DESIGN, P.C. 335 Colfax Street Rochester, New York 14606-3107 PHONE (585) 458-0824 FAX (585) 458-3323	Date: 9-23-10	Job No: 3446.0	Report No: 15
	Project: Photech Imaging Site, 1000 Driving Park Ave		
	Contractor: ERSI	Owner: City of Rochester	
	Weather: Sunny	Temp: 60° 7:30 AM 70° 4:00 PM	
TO: LaBella Associates, P.C. 300 State Street Suite 201 Rochester, New York 14614 Attn: Mr. Dennis Porter	Present at Site: Mike – LaBella Assoc Jay Goggin – Foundation Design Tim Magill – LeChase Wayne, Burt –ERSI Pete - CME		
<p>THE FOLLOWING WAS NOTED:</p> <ol style="list-style-type: none"> 1. I was on to observe earthwork operations. 2. ERSI continued to removal of the soft saturated self leveling soil from the tunnel along with the remaining floor slab that came up during this process. The frac tank was approved for draining this morning, ERSI was draining the tank as they removed the saturated soils I recommended again that this area should be worked in small sections to aid in water control. ERSI informed me that they still plan to fill in mass the west half of the tunnel. 3. Late this afternoon ERSI started to attempt to pump water from the utility tunnel and place material from west to east. The water was not well controlled during placement of the recycled concrete crushed on site. Approximately half of the material placed at the western end pumped and had water seepage up thru the recycled concrete. ERSI removed the saturated material and cast it to the top of the banks. I reminded them that they have only been approved to use 700cy of the recycled concrete and that the material saturated due to their means and methods counted as part of that 700cy. They stated that they did not know how they could salvage the saturated material. I recommended that it be mixed with the dry material they place in the tunnel tomorrow. 4. ERSI placed on site soil in the swales and in building 2. The material was aerated to aid in drying and picking trash. Material was tested for compaction as it dried. When in-place density testing indicated that compaction requirements were achieved additional material was placed. 			
COPIES TO:		FIELD REPORT SIGNED 	



FOUNDATION DESIGN, P.C.**335 Colfax Street
Rochester, New York 14606-3107**

PHONE (585) 458-0824

FAX (585) 458-3323

Date:
9-24-10Job No:
3446.0Report No:
16Project:
Photech Imaging Site, 1000 Driving Park AveContractor:
ERSIOwner:
City of RochesterWeather:
Sunny windyTemp: 65° 7:30 AM
88° 4:00 PMTO:
LaBella Associates, P.C.
300 State Street
Suite 201
Rochester, New York 14614
Attn: Mr. Dennis PorterPresent at Site:
Mike – LaBella Assoc
Jay Goggin – Foundation Design
Tim Magill – LeChase
Wayne, Burt –ERSI
Pete – CME

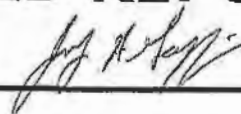
THE FOLLOWING WAS NOTED:

1. I was on to observe earthwork operations.
2. ERSI spent the majority of the day remediating the west end of the utility tunnel because they did not have the ground water controlled during initial placement of recycled concrete yesterday. The saturated recycled material was mixed with dry material and placed working from west to east. The material was tested for compaction during placement.
3. ERSI continued to place and dry material in the swales and building 2. As areas dried they were tested for compaction.

COPIES TO:

FIELD REPORT

SIGNED



FOUNDATION DESIGN, P.C.**335 Colfax Street
Rochester, New York 14606-3107**

PHONE (585) 458-0824

FAX (585) 458-3323

Date:
9-25-10Job No:
3446.0Report No:
17Project:
Photech Imaging Site, 1000 Driving Park AveContractor:
ERSIOwner:
City of RochesterWeather:
Cloudy windyTemp: 60° 7:30 AM
65° 3:00 PMTO:
LaBella Associates, P.C.
300 State Street
Suite 201
Rochester, New York 14614
Attn: Mr. Dennis PorterPresent at Site:
Mike - LaBella Assoc
Jay Goggin - Foundation Design
Tim Magill - LeChase
Wayne, Burt - ERSI
Pete - CME

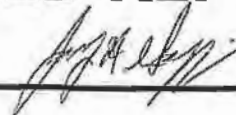
THE FOLLOWING WAS NOTED:

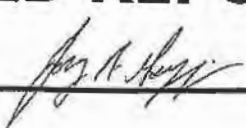
1. I was on to observe earthwork operations.
2. ERSI continued to place recycled material in the utility tunnel today. In-place density testing indicated that compaction requirements were being achieved, 95% compaction with in 2% of optimum moisture. They had placed about 800cy of recycled in the tunnel at the end of the day. Joe Biondolillo was on site and approved the placement of the additional recycled concrete this afternoon.
3. ERSI started to cut and place material from building 13 footprint this morning. I informed them that care should be taken as during cutting building 13 to grade because to is the break point of the driveway swale and the west swale, building 11 & 16. They interrupted this as they were being told not to make these cuts. I informed them that they could grade the area but if they remove too much material it would need to be replaced during grading to allow for proper drainage of the site to the north.
4. ERSI continued to place additional site material for other areas of the site in the east and west swales as well as building 2. The material was wet and required drying to achieve compaction. ERSI decided that they would leave the soils placed unsealed for the weekend.

COPIES TO:

FIELD REPORT

SIGNED



FOUNDATION DESIGN, P.C. 335 Colfax Street Rochester, New York 14606-3107 PHONE (585) 458-0824 FAX (585) 458-3323	Date: 9-27-10	Job No: 3446.0	Report No: 18
TO: LaBella Associates, P.C. 300 State Street Suite 201 Rochester, New York 14614 Attn: Mr. Dennis Porter	Project: Phototech Imaging Site, 1000 Driving Park Ave		
	Contractor: ERSI	Owner: City of Rochester	
	Weather: Clouds, sun, wind	Temp: 60° 7:30 AM 77° 3:30 PM	
Present at Site: Mike – LaBella Assoc Jay Goggin – Foundation Design Tim Magill – LeChase Wayne, Burt –ERSI Pete - CME			
<p>THE FOLLOWING WAS NOTED:</p> <ol style="list-style-type: none"> 1. I was on to observe earthwork operations. 2. ERSI was informed that it has been approved to bring the utility tunnel to grade with recycled concrete from the west pile. ERSI continued to place recycled material in the utility tunnel today. In-place density testing indicated that compaction requirements were being achieved, 95% compaction with in 2% of optimum moisture. 3. ERSI graded and compacted material placed on Saturday, 9-25-10. In-place density testing indicated that the material placed achieved compaction requirements. They placed an additional lift of material in the west swale, from the cuts at building 13, and applied compactive effort to seal the material. CME took density test to see if any of the material placed this morning achieved compaction requirement before it started to rain at about 10:00a.m. 			
COPIES TO:		FIELD REPORT SIGNED 	

5/11/14

FOUNDATION DESIGN, P.C.**335 Colfax Street
Rochester, New York 14606-3107**PHONE (585) 458-0824
FAX (585) 458-3323Date:
9-28-10Job No:
3446.0Report No:
19Project:
Photech Imaging Site, 1000 Driving Park AveContractor:
ERSIOwner:
City of RochesterWeather:
Partly CloudyTemp: 60° 7:30 AM
75° 3:30 PM

TO:

LaBella Associates, P.C.
300 State Street
Suite 201
Rochester, New York 14614
Attn: Mr. Dennis PorterPresent at Site:
Mike - LaBella Assoc
Jay Goggin - Foundation Design
Tim Magill - LeChase
Wayne, Burt - ERSI
Pete - CME

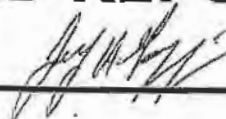
THE FOLLOWING WAS NOTED:

1. I was on to observe earthwork operations.
2. ERSI continued to place recycled concrete in the utility tunnel between buildings 7 and 11 today. CME was on site and conducted in-place density test on the material as it was placed. Density testing indicated that compaction requirements were achieved. The utility tunnel is with in about 3' of final structural grade at this time, elevation 490.
3. ERSI started to place on site soils from around the site in the west side of building 1. The material being placed in this half of the building is wet with varying degrees of topsoil, and demolition debris. ERSI hand picked the fill as it was being placed to remove demolition debris. This half of building 1 is not being placed to structural standards as approved in the weekly job meeting; this half of the building 1 still requires soil remediation/removal. I am observing proof rolling of the material as it is being placed for general stability. I have observed rolling, pumping and weaving of the material. In my opinion, the material placed will be capable of supporting equipment for the next phase of the project as required.

COPIES TO:

FIELD REPORT

SIGNED



FOUNDATION DESIGN, P.C.**335 Colfax Street
Rochester, New York 14606-3107**

PHONE (585) 458-0824

FAX (585) 458-3323

Date:
9-29-10Job No:
3446.0Report No:
20Project:
Photech Imaging Site, 1000 Driving Park AveContractor:
ERSIOwner:
City of RochesterWeather:
Partly CloudyTemp: 60° 7:30 AM
75° 3:30 PMTO:
LaBella Associates, P.C.
300 State Street
Suite 201
Rochester, New York 14614
Attn: Mr. Dennis PorterPresent at Site:
Mike - LaBella Assoc
Jay Goggin - Foundation Design
Tim Magill - LeChase
Wayne, Burt - ERSI
Pete - CME


THE FOLLOWING WAS NOTED:

1. I was on to observe earthwork operations.
2. ERSI continued to place recycled concrete in the utility tunnel between buildings 7 and 11 today. CME was on site and conducted in-place density test on the material as it was placed. Density testing indicated that compaction requirements were achieved. The utility tunnel is at final structural grade 493.
3. ERSI continued to place on site soils from around the site in the west side of building 1. The material being placed in this half of the building is wet with varying degrees of topsoil, and demolition debris. ERSI hand picked the fill as it was being placed to remove demolition debris. This half of building 1 is not being placed to structural standards as approved in the weekly job meeting; this half of the building 1 still requires soil remediation/removal. I am observing proof rolling of the material as it is being placed for general stability. I have observed rolling, pumping and weaving of the material. In my opinion, the material placed will be capable of supporting equipment for the next phase of the project as required.
4. ERSI place recycled concrete in the east half of building 1 and in building 2 today. In-place density testing indicates that compaction requirements are being achieved.
5. ERSI started to place the dirty recycled concrete, high soil content with some topsoil mix into the material, in the east and west swales today to improve site drainage in anticipation of heavy rain forecasted for tomorrow.

COPIES TO:

FIELD REPORT

SIGNED



FOUNDATION DESIGN, P.C.**335 Colfax Street
Rochester, New York 14606-3107**PHONE (585) 458-0824
FAX (585) 458-3323Date:
9-30-10Job No:
3446.0Report No:
21Project:
Photech Imaging Site, 1000 Driving Park AveContractor:
ERSIOwner:
City of RochesterWeather:
RainTemp: 60° 7:30 AM
° 3:30 PM

TO:

LaBella Associates, P.C.
300 State Street
Suite 201
Rochester, New York 14614
Attn: Mr. Dennis PorterPresent at Site:
Mike - LaBella Assoc
Jay Goggin - Foundation Design
Tim Magill - LeChase
Wayne, Burt - ERSI
Pete - CME

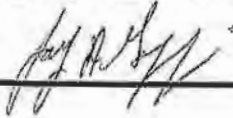

THE FOLLOWING WAS NOTED:

1. I was on to observe earthwork operations.
2. ERSI concentrated efforts this morning on improving drainage. Recycled material was placed in buildings 1, 2, 7, 11, and 16 from the appropriate piles based on location. Due to rain starting this morning no in-place density testing was conducted, material placed today will be tested tomorrow.

COPIES TO:

FIELD REPORTSIGNED 

104

FOUNDATION DESIGN, P.C. 335 Colfax Street Rochester, New York 14606-3107 PHONE (585) 458-0824 FAX (585) 458-3323	Date: 10-1-10	Job No: 3446.0	Report No: 22
	Project: Phototech Imaging Site, 1000 Driving Park Ave		
	Contractor: ERSI	Owner: City of Rochester	
	Weather: Rain	Temp: 55° 7:30 AM 65° 3:30 PM	
TO: LaBella Associates, P.C. 300 State Street Suite 201 Rochester, New York 14614 Attn: Mr. Dennis Porter	Present at Site: Mike – LaBella Assoc Jay Goggin – Foundation Design Tim Magill – LeChase Wayne, Burt – ERSI Pete – CME		
<p>THE FOLLOWING WAS NOTED:</p> <ol style="list-style-type: none"> 1. I was on to observe earthwork operations. 2. ERSI continued to bring the west side of building 1 to grade utilizing the wet onsite soils. I observed proof rolling of the material as it was being placed. The material in my opinion was acceptable in this non structural fill area. I did observe some rolling, rutting and pumping of the fill. Most of this material will be removed during the next phase of the project. 3. ERSI continued to place fill in the east half of building 1 after in-place density testing achieved compaction requirement on material placed yesterday. 4. At the end of the day materials placed in the swale as part of the final site drainage achieved compaction requirements. 5. ERSI determined at the end of the day that they will work tomorrow placing additional fill in the swales, a lift in the building 1, and general shaping of the site. It was determined that with the work scheduled neither CME or my self would need to be on site as areas filled could be checked on Monday. 			
COPIES TO:	<div style="text-align: center;"> FIELD REPORT SIGNED  </div> <div style="text-align: right; margin-top: 20px;">  </div>		

FOUNDATION DESIGN, P.C.**335 Colfax Street
Rochester, New York 14606-3107**PHONE (585) 458-0824
FAX (585) 458-3323Date:
10-4-10Job No:
3446.0Report No:
23Project:
Photech Imaging Site, 1000 Driving Park AveContractor:
ERSIOwner:
City of RochesterWeather:
CloudyTemp: 45° 7:30 AM
55° 3:30 PM

TO:

LaBella Associates, P.C.
300 State Street
Suite 201
Rochester, New York 14614
Attn: Mr. Dennis PorterPresent at Site:
Mike - LaBella Assoc
Jay Goggin - Foundation Design
Burt - ERSI
Pete - CME

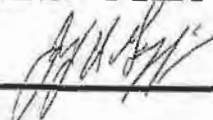
THE FOLLOWING WAS NOTED:

1. I was on to observe earthwork operations.
2. ERSI completed rough grading of the west half of building 1 on Saturday, Mike with LaBella observed material being placed. He informed me that approximately the last two feet of material placed in this portion of building 1 was material from the dirty pile of recycled concrete.
3. ERSI continued to placed material in the east half of building 1 today after compaction requirements were achieved on the lift placed On Saturday. Material placed today was tested for in-place density requirements as it was placed and compacted. This half of building 1 still requires about 2.5 feet of fill on average to achieve the current drainage plan. ERSI has little of the clean recycled material remaining at this time. They will need to finish crushing operations before final grades can be achieved.

COPIES TO:

FIELD REPORT

SIGNED



FOUNDATION DESIGN, P.C.**335 Colfax Street
Rochester, New York 14606-3107**

PHONE (585) 458-0824

FAX (585) 458-3323

Date:
10-5-10Job No:
3446.0Report No:
24Project:
Photech Imaging Site, 1000 Driving Park AveContractor:
ERSIOwner:
City of RochesterWeather:
RainTemp: 50° 7:30 AM
50° 3:30 PM

TO:

LaBella Associates, P.C.
300 State Street
Suite 201
Rochester, New York 14614
Attn: Mr. Dennis PorterPresent at Site:
Mike - LaBella Assoc
Jay Goggin - Foundation Design
Tim, Burt - ERSI
Pete - CME

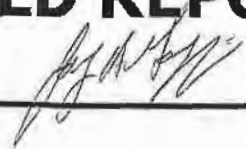
THE FOLLOWING WAS NOTED:

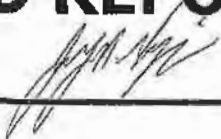
1. I was on to observe earthwork operations.
2. ERSI pumped water that accumulate overnight in low areas around the site in fill areas. Dry material was placed in these areas to aid in shedding water per the drainage plan. Material placed in the east half of building 1 will be tested for compaction after it has had a chance to dry, likely Monday 10-11-10.
3. At this week s job meeting it was determined that soils placed to finish grading the swales and north berm would not require compaction testing, in most areas less than 1 foot, and will be hydro seeded at the completion of grading.
4. ERSI worked on pumping water that has been ponding on the north end of the site to start the drying process in anticipation of fill placement next week. ERSI anticipates completion of site fills and grading by the end of next week, 10-15-10.

COPIES TO:

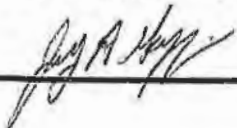
FIELD REPORT

SIGNED



FOUNDATION DESIGN, P.C. 335 Colfax Street Rochester, New York 14606-3107 PHONE (585) 458-0824 FAX (585) 458-3323	Date: 10-6-10	Job No: 3446.0	Report No: 25
	Project: Photech Imaging Site, 1000 Driving Park Ave		
	Contractor: ERSI	Owner: City of Rochester	
	Weather: Rain	Temp: 50° 50°	7:30 AM 3:30 PM
TO: LaBella Associates, P.C. 300 State Street Suite 201 Rochester, New York 14614 Attn: Mr. Dennis Porter	Present at Site: Mike – LaBella Assoc Jay Goggin – Foundation Design Burt –ERSI Pete - CME		
THE FOLLOWING WAS NOTED: 1. I was on to observe earthwork operations. 2. ERSI continued to pump water from the north end of the site most of the day. The major ponding at this time is confined to areas around the pile of material still to be crushed. 3. ERSI continued to place fill in the swale running thru building 16 and grading above elevation 493 over the utility tunnel running between building 11 and 7. ERSI used the remaining dirty recycled concrete that had been run thru the crusher at the end of the day. They also worked on shaping the sides of the swales to drain. 4. At this time the site will require time to dry from rain this week, about 1", and need to crush additional material to before fill placement can continue.			
COPIES TO:	FIELD REPORT SIGNED 		

10/11

FOUNDATION DESIGN, P.C. 335 Colfax Street Rochester, New York 14606-3107 PHONE (585) 458-0824 FAX (585) 458-3323	Date: 10-8-10	Job No: 3446.0	Report No: 26
	Project: Photech Imaging Site, 1000 Driving Park Ave		
	Contractor: ERSI	Owner: City of Rochester	
	Weather: Sunny	Temp:	45° 7:00 AM 70° 3:30 PM
TO: LaBella Associates, P.C. 300 State Street Suite 201 Rochester, New York 14614 Attn: Mr. Dennis Porter	Present at Site: Mike – LaBella Assoc Jay Goggin – Foundation Design Burt –ERSI Pete - CME		
THE FOLLOWING WAS NOTED: 1. I was on site to observe earthwork operations. 2. ERSI worked on drying the site in general today. Material placed in building one on the east side where the clean crushed material had been placed Wednesday was tested for compaction at the end of the day. The material placed achieved compaction requirements at the end of the day. This is the final lift of material that will be tested for compaction at this time. Building one requires 6" to 12" of material to achieve final grades and will be used as a staging area for the next phase of the project. 3. After reviewing remaining fills for the swales and at the north end of the site with Dennis and Joe Bionddillo, it was determined that the remaining fills are largely final grades that will be hydroseeded and do not need to be placed to structural standards. The north end of the site (from building 12 to the north property line) is going to be filled with non-structural fill, the dirty recycled concrete or material imported from the Plymouth Ave site that contained topsoil.			
COPIES TO:	FIELD REPORT SIGNED 		



FOUNDATION DESIGN, P.C.**335 Colfax Street
Rochester, New York 14606-3107**

PHONE (585) 458-0824

FAX (585) 458-3323

Date:
10-11-10Job No:
3446.0Report No:
27Project:
Photech Imaging Site, 1000 Driving Park AveContractor:
ERSIOwner:
City of RochesterWeather:
CloudyTemp: 45° 7:00 AM
60° 3:30 PM

TO:

LaBella Associates, P.C.
300 State Street
Suite 201
Rochester, New York 14614
Attn: Mr. Dennis PorterPresent at Site:
Mike – LaBella Assoc
Jay Goggin – Foundation Design
Burt –ERSI

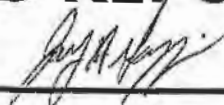
THE FOLLOWING WAS NOTED:

1. I was on site to observe earthwork operations.
2. ERSI worked on pulling building 12 floor slab and foundations. This concrete was being run thru the crusher as it was being generated. ERSI placed the clean material on the east half of building 1. Material placed in building 1 was compacted and proof rolled as it was placed.
3. ERSI worked on general grading thru out the day, smoothing out areas that had been disturbed during demolition. Areas were rolled and sealed as part of this work.

COPIES TO:

FIELD REPORT

SIGNED



5104

FOUNDATION DESIGN, P.C.**335 Colfax Street
Rochester, New York 14606-3107**

PHONE (585) 458-0824

FAX (585) 458-3323

Date:
10-12-10Job No:
3446.0Report No:
28Project:
Phototech Imaging Site, 1000 Driving Park AveContractor:
ERSIOwner:
City of RochesterWeather:
Sun and CloudsTemp: 40° 7:00 AM
55° 3:30 PM

TO:

LaBella Associates, P.C.
300 State Street
Suite 201
Rochester, New York 14614
Attn: Mr. Dennis PorterPresent at Site:
Mike - LaBella Assoc
Jay Goggin - Foundation Design
Burt -ERSI

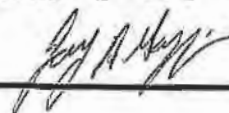
THE FOLLOWING WAS NOTED:

1. I was on site to observe earthwork operations.
2. ERSI worked on pulling building 12 floor slab and foundations. This concrete was being run thru the crusher as it was being generated. ERSI placed the clean material on the east half of building 1. Material placed in building 1 was compacted and proof rolled as it was placed. Building 1 is complete at this time as is crushing of clean concrete from building 12.
3. ERSI worked on general grading and fine grading the swales. String was pulled in the swales to check grade. The slabs are largely on grade except for the north ends. The north ends are being filled as material is generated from the crushing operations.

COPIES TO:

FIELD REPORT

SIGNED



FOUNDATION DESIGN, P.C.**335 Colfax Street
Rochester, New York 14606-3107**

PHONE (585) 458-0824

FAX (585) 458-3323

Date:
10-13-10Job No:
3446.0Report No:
29Project:
Photech Imaging Site, 1000 Driving Park AveContractor:
ERSIOwner:
City of RochesterWeather:
Sun and CloudsTemp: 38° 7:00 AM
60° 3:30 PM

TO:

LaBella Associates, P.C.
300 State Street
Suite 201
Rochester, New York 14614
Attn: Mr. Dennis PorterPresent at Site:
Mike - LaBella Assoc
Jay Goggin - Foundation Design
Burt - ERSI

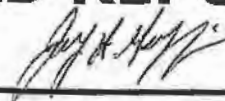
THE FOLLOWING WAS NOTED:


1. I was on site to observe earthwork operations.
2. ERSI concentrated efforts on crushing the dirty non-structural concrete. This material is being placed in the north ends of the swales and in building 12 north to the property line. ERSI placed compactive effort with the smooth drum vibratory roller. For the most part, the material placed is stable.
3. The site is being shaped to drain in general accordance with the interim drainage plan.

COPIES TO:

FIELD REPORT

SIGNED



FOUNDATION DESIGN, P.C. 335 Colfax Street Rochester, New York 14606-3107 PHONE (585) 458-0824 FAX (585) 458-3323	Date: 10-14-10	Job No: 3446.0	Report No: 30
	Project: Phototech Imaging Site, 1000 Driving Park Ave		
	Contractor: ERSI	Owner: City of Rochester	
	Weather: Cloudy	Temp: 45° 55°	7:00 AM 3:30 PM
TO: LaBella Associates, P.C. 300 State Street Suite 201 Rochester, New York 14614 Attn: Mr. Dennis Porter	Present at Site: Mike - LaBella Assoc Jay Goggin - Foundation Design Burt -ERSI		
THE FOLLOWING WAS NOTED: 1. I was on site to observe earthwork operations. 2. ERSI concentrated efforts on crushing the dirty non-structural concrete. This material is being placed in the north ends of the swales and in building 12 north to the property line. ERSI placed compactive effort with the smooth drum vibratory roller. For the most part, the material placed is stable. Little material was placed today because the crusher belt was torn and they worked on patching the belt to continue crushing. Repairs made to the belt did not hold and ERSI is ordering a new belt that will not arrive until Monday, 10-18-10. 3. The site is being shaped to drain in general accordance with the interim drainage plan. ERSI is asking frequent question about the grading plan as the site nears final grade at different locations.			
COPIES TO:	FIELD REPORT SIGNED 		



FOUNDATION DESIGN, P.C.**335 Colfax Street
Rochester, New York 14606-3107**

PHONE (585) 458-0824

FAX (585) 458-3323

Date:
10-15-10Job No:
3446.0Report No:
31Project:
Phototech Imaging Site, 1000 Driving Park AveContractor:
ERSIOwner:
City of RochesterWeather:
CloudyTemp: 45° 7:00 AM
50° 12:30 PM

TO:

LaBella Associates, P.C.
300 State Street
Suite 201
Rochester, New York 14614
Attn: Mr. Dennis PorterPresent at Site:
Mike – LaBella Assoc
Jay Goggin – Foundation Design
Burt –ERSI

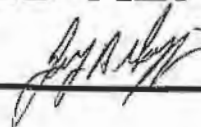
THE FOLLOWING WAS NOTED:

1. I was on site to observe earthwork operations.
2. ERSI placed material stockpiled from Plymouth Ave at the north end of the site today. This material was going to be used after the remaining dirty concrete had been crushed. Joe Bionddillo approved its use at this time due to the crusher being down.
3. ERSI will likely use most of this soil by the end of the day unless rains forecasted start and shut down earthwork operations.

COPIES TO:

FIELD REPORT

SIGNED



FOUNDATION DESIGN, P.C.**335 Colfax Street
Rochester, New York 14606-3107**

PHONE (585) 458-0824

FAX (585) 458-3323

Date:
10-18-10Job No:
3446.0Report No:
32Project:
Photech Imaging Site, 1000 Driving Park AveContractor:
ERSIOwner:
City of RochesterWeather:
SunnyTemp: 40° 7:00 AM
55° 3:30 PM

TO:

LaBella Associates, P.C.
300 State Street
Suite 201
Rochester, New York 14614
Attn: Mr. Dennis PorterPresent at Site:
Mike - LaBella Assoc
Jay Goggin - Foundation Design
Burt - ERSI
Joe Biondolillo - City of Rochester

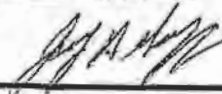
THE FOLLOWING WAS NOTED:

1. I was on site to observe earthwork operations.
2. ERSI replaced the crusher belt this morning and completed crushing operation today. Crushed material was placed at the north end of the site and in small low spots around the site, to remove areas that will or have ponded.
3. It was discovered once the stockpiled material for crushing was run thru the crusher that what the interim grading plan indicated as the high spot, elevation 492, on the north end of the site is the low spot, elevation 489 existing asphalt grade. This conflict with grading the north end of the site was brought to LaBella's and the city's attention. The conflict will be resolved during tomorrows job meeting.

COPIES TO:

FIELD REPORT

SIGNED



FOUNDATION DESIGN, P.C.**335 Colfax Street
Rochester, New York 14606-3107**PHONE (585) 458-0824
FAX (585) 458-3323Date:
10-19-10Job No:
3446.0Report No:
33Project:
Photech Imaging Site, 1000 Driving Park AveContractor:
ERSIOwner:
City of RochesterWeather:
SunnyTemp: 42° 7:00 AM
58° 3:30 PM

TO:

LaBella Associates, P.C.
300 State Street
Suite 201
Rochester, New York 14614
Attn: Mr. Dennis PorterPresent at Site:
Mike - LaBella Assoc
Jay Goggin - Foundation Design
Burt - ERSI

THE FOLLOWING WAS NOTED:

1. I was on site to observe earthwork operations.
2. ERSI is working on finishing fill placement from building 12 north today. They have used most of the material generated as recycled material at this time with only a small pile to be used tomorrow for finish grading.
3. ERSI move the wet material generated during the utility tunnel excavation to fill a low area on the west side of the site. This material will require picking during fine grading.
4. It was determined that the low spot will be filled to elevation 490 and a swale will be excavated for water to flow to the planned drainage swale shown on the plans. It was discussed that the swale will have minimal pitch as there is only one-foot of fall from the filled elevation to the bottom of the swale where it will tie in. It was determined in the job meeting that some standing water in this ditch was better than the pond that would result otherwise.
5. ERSI should have final grading complete tomorrow afternoon.

COPIES TO:

FIELD REPORTSIGNED 

FOUNDATION DESIGN, P.C.**335 Colfax Street
Rochester, New York 14606-3107**

PHONE (585) 458-0824

FAX (585) 458-3323

Date:
10-20-10Job No:
3446.0Report No:
34Project:
Phototech Imaging Site, 1000 Driving Park AveContractor:
ERSIOwner:
City of RochesterWeather:
SunnyTemp: 42° 7:00 AM
63° 4:30 PM

TO:

LaBella Associates, P.C.
300 State Street
Suite 201
Rochester, New York 14614
Attn: Mr. Dennis PorterPresent at Site:
Mike - LaBella Assoc
Jay Goggin - Foundation Design
Burt - ERSI
Joe Blondillo - City of Rochester

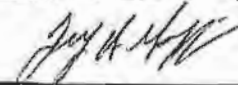
THE FOLLOWING WAS NOTED:

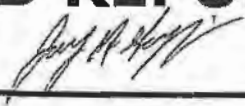
1. I was on site to observe earthwork operations.
2. ERSI fine grading the north end of the site and shaped the swale at this end of the site today. As part of this work, they excavated the swale that is being installed to drain the low area at the edge of the asphalt on the east side of building 12. This area is being filled to 490 to allow for water drainage.
3. Burt and I walked the north end of the site with a laser level to check for low spots and the over all slope to the swale at the end of the day. The area is pitched to drain and we did not observe any areas that will retain water. The check dams were installed in the swale.
4. ERSI was spreading the wet material that had been stockpiled for the deep utility tunnel excavation in the low area existing at the start of the project. The soil was being hand picked as it was worked and spread.
5. Burt requested that I stop in the morning to walk the site with him to observe drainage because rain is forecasted over night.

COPIES TO:

FIELD REPORT

SIGNED



FOUNDATION DESIGN, P.C. 335 Colfax Street Rochester, New York 14606-3107 PHONE (585) 458-0824 FAX (585) 458-3323	Date: 10-21-10	Job No: 3446.0	Report No: 35
	Project: Photech Imaging Site, 1000 Driving Park Ave		
	Contractor: ERSI	Owner: City of Rochester	
	Weather: Sunny	Temp: 42° 7:30 AM ° PM	
TO: LaBella Associates, P.C. 300 State Street Suite 201 Rochester, New York 14614 Attn: Mr. Dennis Porter	Present at Site: Mike – LaBella Assoc Jay Goggin – Foundation Design Burt –ERSI		
<p>THE FOLLOWING WAS NOTED:</p> <ol style="list-style-type: none"> 1. I was on site to observe how the site drained with Burt. We walked the site and with the exception of a few very minor, less than a 1/2" deep, puddles we did not observe standing water. 2. ERSI is planning to complete site clean-up, sweeping the blacktop, picking up trash/debris, and continue to de-mob from the site today. 3. At this time my involvement in this project is complete. 			
COPIES TO:	<div style="text-align: center;"> FIELD REPORT SIGNED  </div>		





**Foundation
Design, P.C.**

SOIL • BEDROCK • GROUNDWATER

APPENDIX B

SUBMITTAL COVER SHEET

PHOTECH

OWNER PROJECT NO.
SPECIFICATION SECTION NO.

	CONSTRUCTION MANAGER: LeChase Construction LLC 300 Trolley Blvd. Rochester, New York 14606 Phone 585-254-3510/ Fax 585-254-3871 LeChase Project No. 700305	ARCHITECT: LaBella Associates, PC 300 State Street, Suite 201 Rochester, NY 14614 Phone: 585-454-6110 / Fax 585-454-3066 Architect Project No.	ENGINEER: LaBella Associates, PC 300 State Street, Suite 201 Rochester, NY 14614 Phone: /Fax 585-454-3066 Engineer Project No.

TYPE OF SUBMITTAL:

<input type="checkbox"/> PRODUCT DATA	<input type="checkbox"/> TEST REPORT	<input type="checkbox"/> SHOP DRAWING	<input type="checkbox"/> RECORD DOCUMENT
<input type="checkbox"/> SAMPLE	<input type="checkbox"/> CERTIFICATION	<input type="checkbox"/> MFR COMPLIANCE CERT	<input type="checkbox"/> CLOSEOUT DOCUMENT
<input type="checkbox"/> COLOR SELECTION	<input type="checkbox"/> MFR DWG	<input type="checkbox"/> SUBSTITUTION	<input type="checkbox"/> OTHER

SUBMITTAL DESCRIPTION

Photech Backfill Certification Letter

SUPPLIER/MANUFACTURER

SPEC SECTION NUMBER & TITLE


SUB-PARAGRAPH

DRAWING NO

1ST TIME SUBMISSION

X

REVISION

PRIME CONTRACTOR'S STAMP/CERTIFICATION: I HEREBY CERTIFY THAT I HAVE REVIEWED THIS SUBMITTAL, VERIFIED THE PRODUCTS, VERIFIED FIELD MEASUREMENTS WHERE APPROPRIATE AND HAVE COORDINATED THE INFORMATION WITHIN THE SUBMITTAL WITH THE REQUIREMENTS OF CONTRACT DOCUMENTS. THE SUBMITTED ITEMS COMPLY IN EVERY RESPECT WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS AND SPECIFICATIONS	ARCHITECT/ENGINEER REVIEW STAMP:
PRIME CONTRACTOR/CONTRACT/BID PKG NO. Asbestos & Demolition	
SIGNED: 	
POSITION: Operations Manager	
DATE: 8/16/2010	
COMMENTS:	

CONSTRUCTION MANAGER USE: SUBMITTED AND REVIEWED BY LECHASE CONSTRUCTION AS COMPLYING WITH PROJECT SPECIFICATIONS

LECHASE SUBMITTAL NO.

REVISION NO.

BY:

DATE:



8222 Routes 5 & 20 • P.O. Box 65 • West Bloomfield, New York 14585
(585) 657-8001 • Fax: (585) 657-6575 • Dispatch: (585) 657-8000
www.elamsand.com

Est. 1892

"Over 100 Years of Quality and Service"

August 10-2010

Mr. Wayne Cameron
Environmental Remediation Services, Inc.
1379 BHTL Road
Rochester, NY 14623

Fax # 663-8370

Dear Wayne:

Elam Sand & Gravel Corp. will provide approximately 12,000 tons of fill material that can meet NYS DOT 203.07, Select Granular Fill specifications. This is an all natural material free of any shale products. The material is mined at 8222 Routes 5 & 20, West Bloomfield, NY which is a NYS DOT Approved source. The source number for this location is 4-61 F,G. The NYS DEC Permit # is 80428.

If you have any questions, or need any further information, please call me at the above.

Sincerely,

Victor Alloco
Operations Manager



CME
Associates, Inc.

385 Sherman Street
Rochester, New York 14606
(585) 254-8740
(585) 254-1351 (Fax)
www.cmeassociates.com

Page 1 of 2

LABORATORY TEST REPORT

Project Title: Laboratory Testing, Photech Imaging – Rochester, NY **Report No.:** 36970L-02-0710
Client Name: LaBella Associates, P.C. **Date Sampled:** 07/20/10
Sampled By: A Representative of the Client **Date Completed:** 07/22/10

1) Material Identification (ASTM D-2488-Visual-Manual):

Sample ID	Material Classification	Unified Classification	Material Source	Proposed Use/Location
RL9439	Brown cmf SAND, little SILT, trace cmf GRAVEL	SM	Elam Sand & Gravel – West Bloomfield, NY	Not Specified

2) Mechanical Analysis (ASTM C-136, D-1140):

		Percent Passing by Weight		
Sieve Size	RL9439			
2"	100			
1 1/2"	99			
1"	98			
3/4"	98			
1/2"	96			
3/8"	96			
1/4"	95			
No. 4	94			
No. 10	91			
No. 40	57			
No. 100	24			
No. 200 (wash)	14			

3) Moisture Density Relationship (ASTM D-1557, D-4718, C-127):

	RL9439			
Maximum Dry Density (pcf):	128.3			
Moisture Content (%):	8.4			
Procedure Used:	D-1557-C			
Preparation Method Used:	Moist			
As Received Water Content:	-			
Oversize Separation Sieve:	3/4"			
Percent Oversize Fraction by Weight:	2.5			
Specific Gravity of Oversize Portion:	N/A			

No project specifications were supplied. Materials should be reviewed by the appropriate Project Engineer for acceptance.

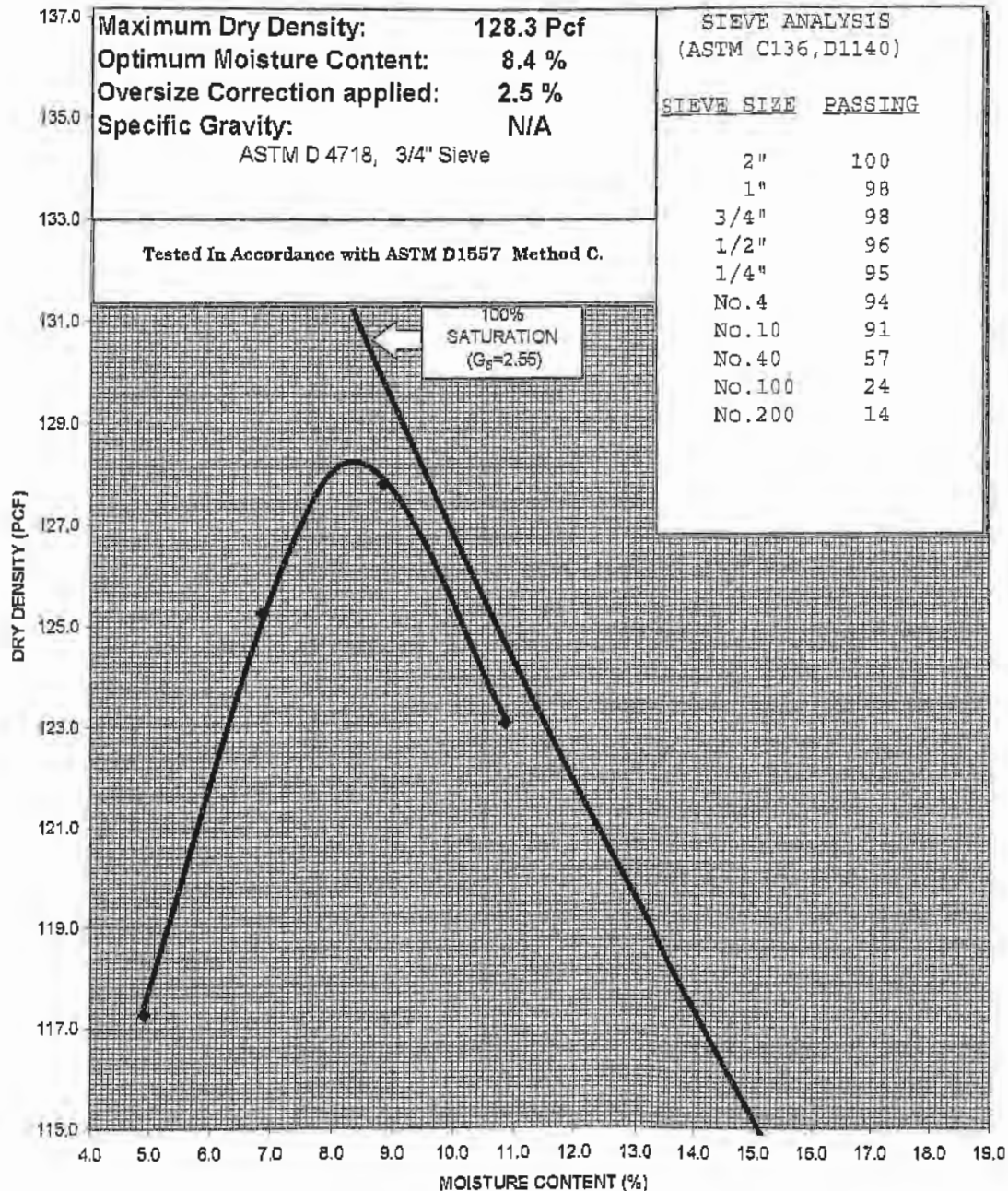
The Moisture Density Relationship Curve is attached. Please feel free to contact our office should you have any questions.

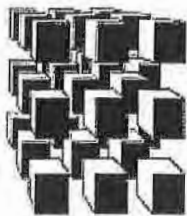
Respectfully submitted:
CME Associates, Inc.

E. Randall Holbrook
Senior Laboratory Technician

CLIENT:	LaBella Associates, P.C.	REPORT No.:	36970L-02-0710
PROJECT:	Laboratory Testing, Photach Imaging – Rochester, NY	SAMPLE No.:	RL9439
SAMPLE LOCATION:	Elam Sand & Gravel – West Bloomfield, NY	DATE SAMPLED:	07/20/10
		PAGE:	2 of 2
SOIL CLASSIFICATION:	Brown cmf SAND, little SILT, trace cmf GRAVEL		

MOISTURE-DENSITY RELATIONSHIP CURVE





LABORATORY TEST REPORT

Project Title: Laboratory Testing, Photech Imaging – Rochester, NY
Client Name: LaBella Associates, P.C.
Delivered By: A Representative of the Client
Report No.: 36970L-03-0710
Date Delivered: 07/28/10
Date Completed: 08/06/10

1) Material Identification (ASTM D-2488-Visual-Manual):

Sample ID	Material Classification	Unified Classification	Material Source	Proposed Use/Location
RL9449	Brown cmf SAND, and SILT/CLAY, some cmf GRAVEL	SM	Building 6,16 Northwest Corner	Mass Fill
RL9450	Brown SILT/CLAY, some cmf SAND, some cmf GRAVEL	SM	Building 6,7 Middle Slough Bank	Mass Fill
RL9451	Brown SILT/CLAY, some cmf SAND, some cmf GRAVEL	SM	Building 6,16 East Wall Middle	Mass Fill

2) Mechanical Analysis (ASTM C-136, D-1140):

Sieve Size	Percent Passing by Weight			
	RL9449	RL9450	RL9451	
3"	100	100	100	
2"	95	96	97	
1"	90	92	91	
3/4"	88	90	89	
1/2"	85	86	85	
3/8"	82	84	83	
1/4"	81	81	79	
No. 4	79	79	77	
No. 10	75	74	72	
No. 40	66	66	65	
No. 100	49	59	56	
No. 200 (wash)	39	50	46	

3) Moisture Density Relationship (ASTM D-1557, D-4718, C-127):

	RL9449	RL9450	RL9451	
Corrected Maximum Dry Density (pcf):	132.6	133.3	134.2	
Corrected Moisture Content (%):	8.4	8.0	8.1	
Procedure Used:	D-1557-B	D-1557-B	D-1557-B	
Preparation Method Used:	Moist	Dry	Moist	
As Received Water Content:	7.6%	-	4.8%	
Oversize Separation Sieve:	3/8"	3/8"	3/8"	
Percent Oversize Fraction by Weight:	17.6	16.0	17.3	
Specific Gravity of Oversize Portion:	2.51	2.55	2.57	

Materials should be reviewed by the appropriate Project Engineer for acceptance.

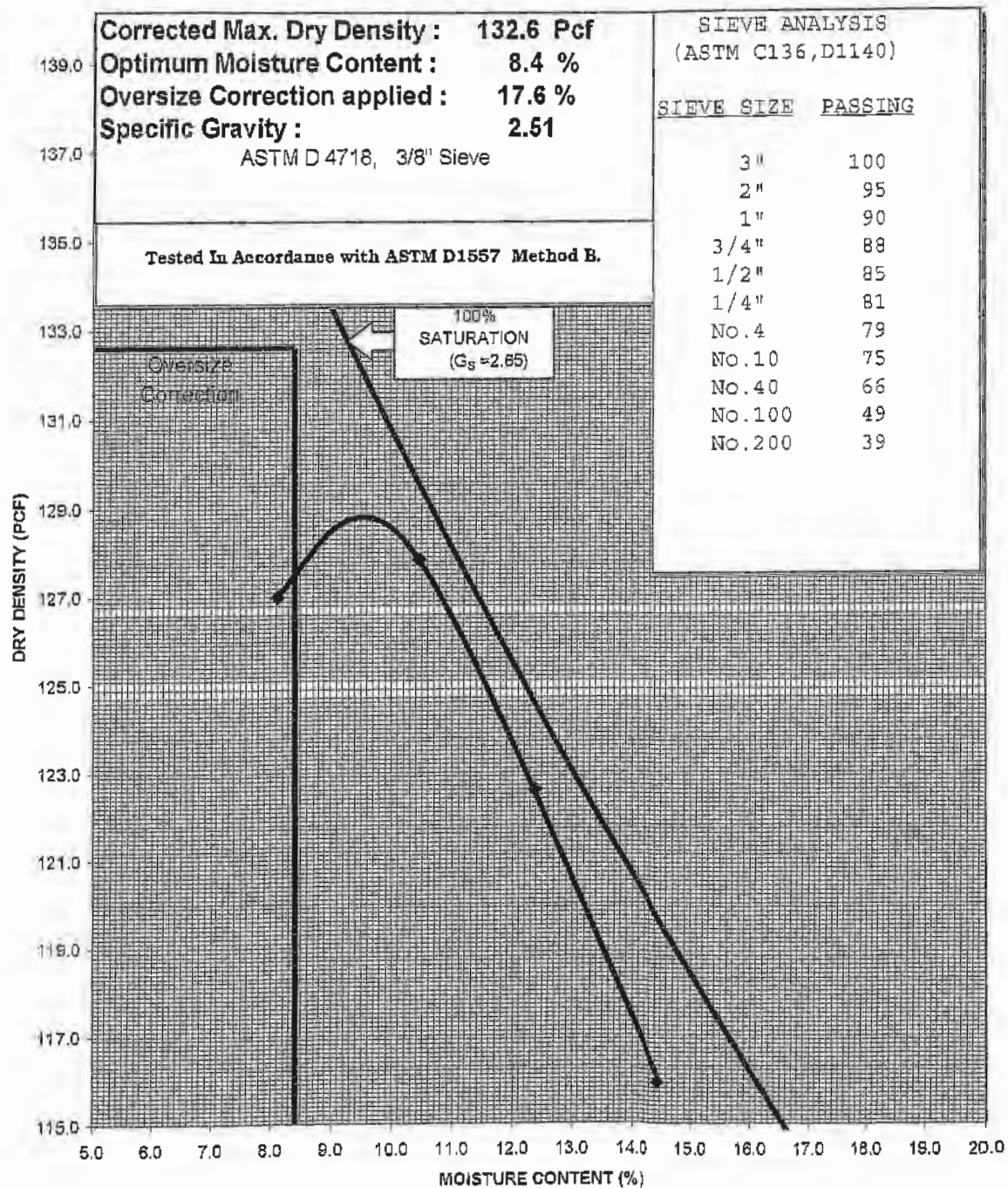
The Moisture Density Relationship Curve is attached. Please feel free to contact our office should you have any questions.

Respectfully submitted:
CME Associates, Inc.

E. Randall Holbrook
Senior Laboratory Technician

CLIENT:	LaBella Associates, P.C.	REPORT No.:	36970L-03-0710
PROJECT:	Laboratory Testing, Phototech Imaging – Rochester, NY	SAMPLE No.:	RL9449
SAMPLE LOCATION:	Building 6, 16 Northwest Corner	DATE DELIVERED:	07/28/10
		PAGE:	2 of 4
SOIL CLASSIFICATION:	Brown cmf SAND, and SILT/CLAY, some cmf GRAVEL		

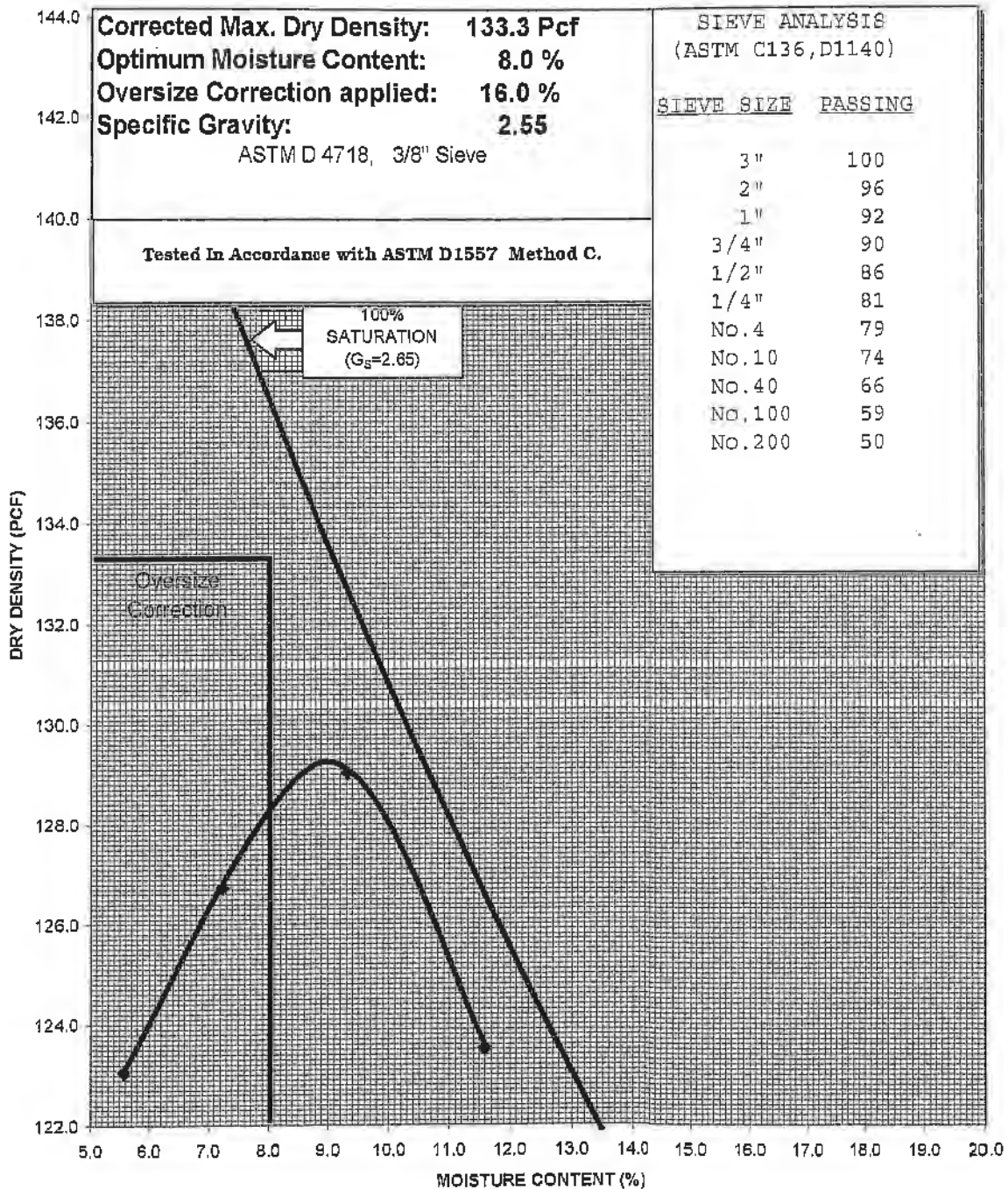
MOISTURE-DENSITY RELATIONSHIP CURVE





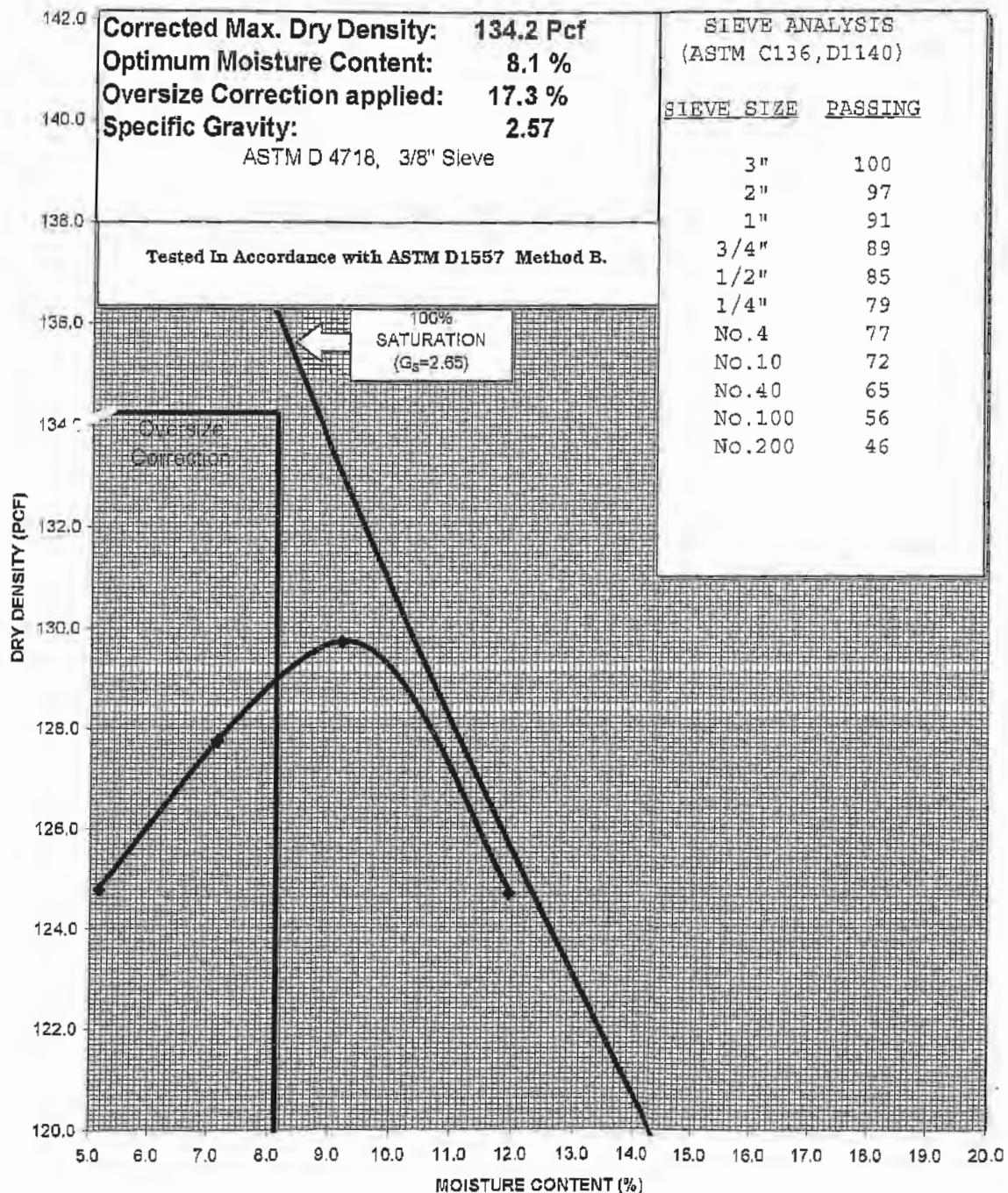
CLIENT:	LaBella Associates, P.C.	REPORT No.:	36970
PROJECT:	Laboratory Testing, Photech Imaging – Rochester, NY	SAMPLE No.:	RL9450
SAMPLE LOCATION:	Building 6,7 Middle Slough Bank	DATE DELIVERED:	07/28/10
		PAGE:	3 of 4
SOIL CLASSIFICATION:	Brown SILT/CLAY, some cmf SAND, some cmf GRAVEL		

MOISTURE-DENSITY RELATIONSHIP CURVE



CLIENT:	LaBella Associates, P.C.	REPORT No.:	36970
PROJECT:	Laboratory Testing, Photech Imaging – Rochester, NY	SAMPLE No.:	RL9451
SAMPLE LOCATION:	Building 6, 16 East Wall Middle	DATE DELIVERED:	07/28/10
		PAGE:	4 of 4
SOIL CLASSIFICATION:	Brown SILT/CLAY, some cmf SAND, some cmf GRAVEL		

MOISTURE-DENSITY RELATIONSHIP CURVE



Total Solids / Total Volatile Solids Analysis Report

Client: LaBella Associates, P.C.

Client Job Site: Photech
Rochester, NY
Client Job Number: 209288

Lab Project Number: 10-3321

Sample Type: Solid

Date Sampled: 08/13/2010
Date Received: 08/13/2010
Date Analyzed: 08/16/2010


Lab Sample Number	Field Number	Field Location	Result (%TS)	Result (%TVS)
10910	N/A	Photech-NW	91.88	3.17
10911	N/A	Photech-SW	93.97	2.47
10912	N/A	Photech-NE	93.98	5.89
10913	N/A	Photech-SE	94.64	3.75

ELAP Number 10958

Method: SM18 2540G

Comments:

Signature:


Bruce Hoogesteger, Technical Director

CHAIN OF CUSTODY

PARADIGM
LABORATORY SERVICES

REPORT TO:		INVOICE TO:	
COMPANY:	La Bella Associates, P.C.	COMPANY:	Same
ADDRESS:	500 State Street	ADDRESS:	
CITY:	Rochester	CITY:	
STATE:	NY	STATE:	
ZIP:	14614	ZIP:	
PHONE:	(585) 295-6245	PHONE:	
FAX:		FAX:	
ATTN:	Dennis Porter	ATTN:	
PROJECT NAME/SITE NAME:	Phototech, NY	LAB PROJECT #:	10-3321
		CLIENT PROJECT #:	200298
		TURNAROUND TIME: (WORKING DAYS)	
		STD	OTHER
		1 <input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 5 <input type="checkbox"/>	
COMMENTS: Have original results to DPorter@labtechPC.com		Quotation # 2 day per lab.	

REQUESTED ANALYSIS				REMARKS		PARADIGM LAB SAMPLE NUMBER	
DATE	TIME	COMPOSITE	GRAAB	SAMPLE LOCATION/FIELD ID	MATRIX	CONTAINER	ANALYST
18/10/10	1400	X		Phototech - NW	Soil	1	X
2	1410	X		Phototech - SW	Soil	1	X
3	1420	X		Phototech - NE	Soil	1	X
4	1430	X		Phototech - SE	Soil	1	X
5							
6							
7							
8							
9							
10							

LAB USE ONLY - BELOW THIS LINE

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter		NELAC Compliance	
Container Type:	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
Preservation:	Y <input type="checkbox"/> N <input type="checkbox"/>	Y <input type="checkbox"/> N <input type="checkbox"/>	
Holding Time:	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	Y <input type="checkbox"/> N <input type="checkbox"/>	
Temperature:	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	Y <input type="checkbox"/> N <input type="checkbox"/>	

Comments:

Comments: N/A

Comments:

Comments: 26°C

Sampled By: Evan R. Dunne Date/Time: 8/13/10 1400

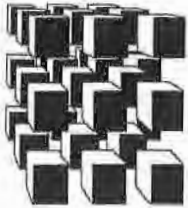
Relinquished By: [Signature] Date/Time: 8/13/10 1548

Received By: Elizabeth A. Honche Date/Time: 8/13/10 1700

Received @ Lab By: [Signature] Date/Time: 8/13/10 1700

Total Cost: [Box]

P.I.F. [Box]



CME
Associates, Inc.

385 Sherman Street
Rochester, New York 14606
(585) 254-8740
(585) 254-1351 (Fax)
www.cmeassociates.com

Page 1 of 1

Organic Matter Determination Test Report

Project Title: Laboratory Testing, Photech Imaging – Rochester, NY **Report No.:** 36970L-04-0810
Client Name: LaBella Associates, P.C. **Date Sampled:** 08/18/10
Sampled By: A Representative of Foundation Design **Date Completed:** 08/20/10

1) Moisture, Ash, & Organic Matter of Peat and Other Organic Soils: (ASTM D-2974):

Sample ID	Material Source	Water Content (%)	Organic Content (%)
RL9478	Earth Mixed in Pile – South End	5.8	2.5
RL9479	Crush Pile – 8-18 AM	9.3	2.9
RL9480	Mixed at Crusher – 8-18 AM	12.2	2.3

Please feel free to contact our office should you have any questions.

Respectfully submitted:
CME Associates, Inc.

E. Randall Holbrook
Senior Laboratory Technician



LABORATORY TEST REPORT

Project Title: Laboratory Testing, Photech Imaging – Rochester, NY
Client Name: LaBella Associates, P.C.
Sampled By: A Representative of Foundation Design
Report No.: 36970L-05-0810
Date Sampled: 08/16/10
Date Completed: 08/25/10

1) Material Identification (ASTM D-2488-Visual-Manual):

Sample ID	Material Classification	Unified Classification	Material Source	Proposed Use/Location
RL9474	Recycled Concrete	N/A	Crushed Onsite	Not Provided

2) Mechanical Analysis (ASTM C-136, D-1140):

Percent Passing by Weight				
Sieve Size	RL9474			
3"	100			
2"	96			
1"	80			
3/4"	71			
1/2"	58			
1/4"	43			
No. 4	38			
No. 10	30			
No. 40	19			
No. 100	13			
No. 200 (wash)	10			

3) Moisture Density Relationship (ASTM D-1557, D-4718, C-127):

	RL9474			
Corrected Maximum Dry Density (pcf):	127.8			
Corrected Moisture Content (%):	9.1			
Procedure Used:	D-1557-C			
Preparation Method Used:	Moist			
As Received Water Content:	7.8			
Oversize Separation Sieve:	3/4"			
Percent Oversize Fraction by Weight:	28.9%			
Specific Gravity of Oversize Portion:	2.30			
Organic Content	3.2%			

No project specifications were supplied. Materials should be reviewed by the appropriate Project Engineer for acceptance.

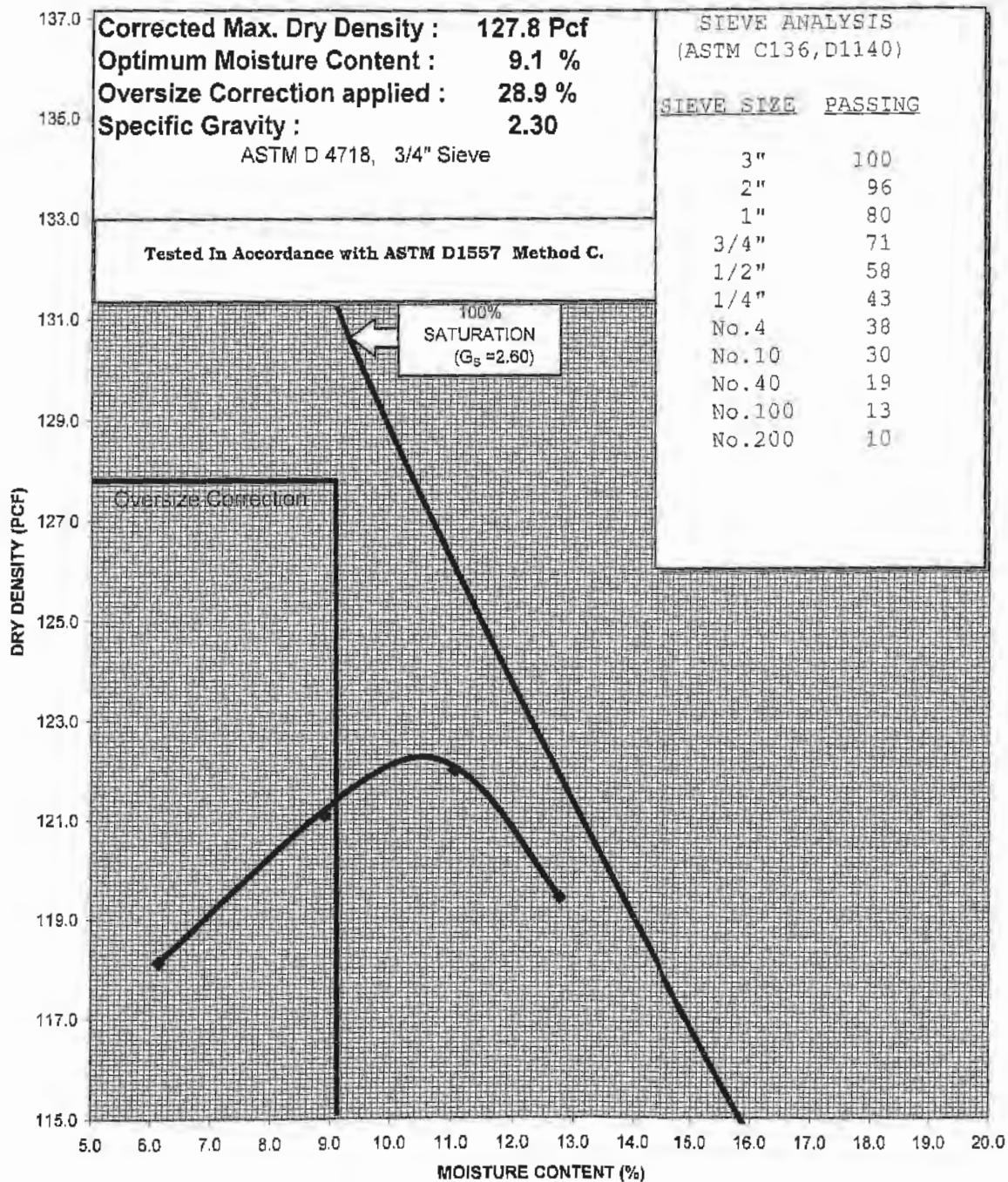
The Moisture Density Relationship Curve is attached. Please feel free to contact our office should you have any questions.

Respectfully submitted:
CME Associates, Inc.

E. Randall Holbrook
Senior Laboratory Technician

CLIENT:	LaBella Associates, P.C.	REPORT No.:	36970L-05-0810
PROJECT:	Laboratory Testing, Phototech Imaging – Rochester, NY	SAMPLE No.:	RL9474
SAMPLE LOCATION:	Crushed Onsite	DATE PICKED UP:	08/16/10
SOIL CLASSIFICATION:	Recycled Concrete	PAGE:	2 of 2

MOISTURE-DENSITY RELATIONSHIP CURVE





CME
Associates, Inc.

385 Sherman Street
Rochester, New York 14606
(585) 254-8740
(585) 254-1351 (Fax)
www.cmeassociates.com

Page 1 of 2

IN-PLACE FIELD DENSITY TEST REPORT

PROJECT: Photech Imaging -- Rochester, NY **DATE:** 09/15/10
CLIENT: LaBella Associates, P.C. **REPORT NO.:** 37004S-01-0910
TEST METHOD: ASTM D6938-08a **REPRESENTATIVE:** P. Reynolds
MATERIAL TYPE/SOURCE: Brown cmf SAND, little SILT, trace cmf GRAVEL /
Elam Sand & Gravel -- West Bloomfield, NY
WEATHER: Sunny, then cloudy **TEMPERATURE:** 66 °F

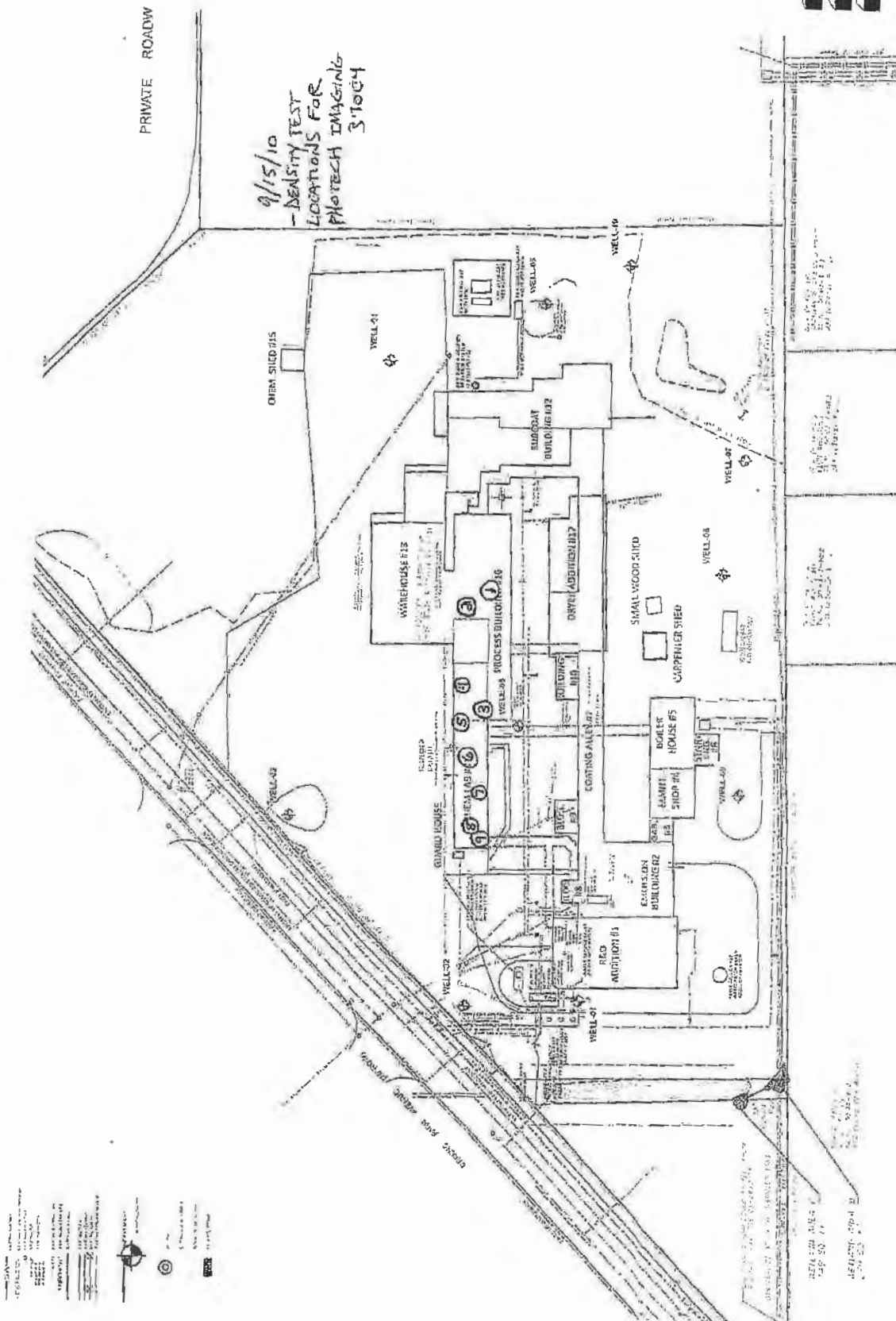
REMARKS:

This representative was onsite at the above referenced project to conduct in place field density tests on material placed as fill for the excavated buildings #11 and #16. A Dynapac CA150 single vibratory drum roller was used for compaction. There were no locations or elevations marked onsite, so all nuclear density tests were taken at estimated locations and elevations.

The test results indicate that the required percentage of compaction was achieved at the locations and elevations shown below.

RESULTS:

Test #	Test Location	Test Elevation	Moisture Content (%)	OMC (%)	Field Dry Density (pcf)	100% Dry Density (pcf)	Compaction Achieved (%)	Compaction Required (%)
1	See Attached Sketch	491	8.2	8.4	122.8	128.3	95.7	95.0
2	See Attached Sketch	491	8.5	8.4	122.7	128.3	95.6	95.0
3	See Attached Sketch	492	7.4	8.4	123.7	128.3	96.4	95.0
4	See Attached Sketch	492	8.7	8.4	124.8	128.3	97.3	95.0
5	See Attached Sketch	492	7.4	8.4	121.9	128.3	95.0	95.0
6	See Attached Sketch	492	7.9	8.4	125.5	128.3	97.8	95.0
7	See Attached Sketch	492	7.8	8.4	125.5	128.3	97.9	95.0
8	See Attached Sketch	492	8.5	8.4	126.6	128.3	98.6	95.0
9	See Attached Sketch	493	8.3	8.4	125.5	128.3	97.8	95.0





CME
Associates, Inc.

385 Sherman Street
Rochester, New York 14606
(585) 254-8740
(585) 254-1351 (Fax)
www.cmeassociates.com

Page 1 of 2

IN-PLACE FIELD DENSITY TEST REPORT

PROJECT: Photech Imaging – Rochester, NY **DATE:** 09/16/10
CLIENT: LaBella Associates, P.C. **REPORT NO.:** 37004S-02-0910
TEST METHOD: ASTM D6938-08a **REPRESENTATIVE:** P. Reynolds
MATERIAL TYPE/SOURCE: Brown SILT/CLAY, some cmf SAND, some cmf GRAVEL /
Buildings 6 & 7, Middle Slough Bank
WEATHER: Cloudy, rain **TEMPERATURE:** 55 °F

REMARKS:

This representative was onsite at the above referenced project to conduct in place field density tests on material placed as fill for the excavated building #11 and tunnel attached to the South end of building #16. A Dynapac CA150 single vibratory drum roller was used for compaction. There were no locations or elevations marked onsite, so all nuclear density tests were taken at estimated locations and elevations.

The test results indicate a high moisture content and the required percentage of compaction was not achieved at the locations and elevations shown below. The site contractor decided to leave the soil in place to allow it to dry. This will be listed as NCDD #1 on CME's List of Non-Conformance, Deviations and Deficiencies.

Jay Goggin with Foundation Design was informed of today's test results.

RESULTS:

Test #	Test Location	Test Elevation	Moisture Content (%)	OMC (%)	Field Dry Density (pcf)	100% Dry Density (pcf)	Compaction Achieved (%)	Compaction Required (%)
1	See Attached Sketch	493	11.4	8.0	121.4	133.3	91.1	95.0
2	See Attached Sketch	493	12.1	8.0	115.6	133.3	86.7	95.0
3	See Attached Sketch	494	12.2	8.0	118.9	133.3	89.2	95.0



CME
Associates, Inc.

385 Sherman Street
Rochester, New York 14606
(585) 254-8740
(585) 254-1351 (Fax)
www.cmeassociates.com

Page 1 of 1

DAILY PROGRESS REPORT

PROJECT: Photech Imaging – Rochester, NY	REPORT NO.: 37004S-03-0910
CLIENT: LaBella Associates, P.C.	REPRESENTATIVE: P. Reynolds
DATE: 09/17/10 WEATHER: Cloudy	TEMPERATURE: 56 °F

This representative was onsite at the above referenced project to perform in-place field density testing. Due to the wet conditions onsite, this representative was informed by Jay Goggin with Foundation Design that today's testing would be cancelled.



CME
Associates, Inc.

385 Sherman Street
Rochester, New York 14606
(585) 254-8740
(585) 254-1351 (Fax)
www.cmeassociates.com

Page 1 of 2

IN-PLACE FIELD DENSITY TEST REPORT

PROJECT: Photech Imaging -- Rochester, NY
CLIENT: LaBella Associates, P.C.
TEST METHOD: ASTM D6938-08a
DATE: 09/20/10
REPORT NO.: 37004S-04-0910
REPRESENTATIVE: P. Reynolds
(Tests #1-12) Brown cmf SAND, little SILT, trace cmf GRAVEL /
Elam Sand & Gravel -- West Bloomfield, NY;

MATERIAL TYPE/SOURCE:

(Tests #13-14) Brown SILT/CLAY, some cmf SAND, some cmf
GRAVEL / Buildings 6 & 7, Middle Slough Bank

WEATHER: Mostly sunny

TEMPERATURE: 68 °F

REMARKS:

This representative was onsite at the above referenced project to conduct in place field density tests on the fill for the excavated buildings #1, 2, 7, 8, 9, 11, and the tunnel at the South end of building #11. A Dynapac CA150 single vibratory drum roller was used for compaction. There were no locations or elevations marked onsite, so this report reflects estimated locations and elevations.

The test results indicate that the required percentage of compaction was achieved on the imported fill. However, the retests taken on the native material on tests #13 and #14 failed to achieve compaction, most likely due to the high moisture content.

Jay Goggin with Foundation Design was informed of today's test results and approved placing another lift over the native fill.

RESULTS:

Test #	Test Location	Test Elevation	Moisture Content (%)	OMC (%)	Field Dry Density (pcf)	100% Dry Density (pcf)	Compaction Achieved (%)	Compaction Required (%)
1	See Attached Sketch	490	8.5	8.4	127.9	128.3	99.7	95.0
2	See Attached Sketch	491	7.8	8.4	125.7	128.3	97.9	95.0
3	See Attached Sketch	492	8.5	8.4	124.0	128.3	96.6	95.0
4	See Attached Sketch	490	8.7	8.4	127.5	128.3	99.4	95.0
5	See Attached Sketch	491	8.2	8.4	128.3	128.3	100.0	95.0
6	See Attached Sketch	492	8.3	8.4	127.3	128.3	99.2	95.0
7	See Attached Sketch	493	8.2	8.4	128.2	128.3	99.9	95.0
8	See Attached Sketch	493	8.6	8.4	127.0	128.3	99.0	95.0
9	See Attached Sketch	493	8.2	8.4	128.3	128.3	100.0	95.0
10	See Attached Sketch	493	7.5	8.4	128.3	128.3	100.0	95.0
11	See Attached Sketch	493	8.4	8.4	126.9	128.3	98.9	95.0
12	See Attached Sketch	493	8.0	8.4	122.3	128.3	95.3	95.0
13	Retest #1 from 9/16/10	493	10.5	8.0	124.6	133.3	93.5	95.0
14	Retest #3 from 9/16/10	494	11.1	8.0	124.1	133.3	93.1	95.0

Setting the Blueprint for Quality and Customer Satisfaction



CME
Associates, Inc.

385 Sherman Street
Rochester, New York 14606
(585) 254-8740
(585) 254-1351 (Fax)
www.cmeassociates.com

Page 1 of 2

IN-PLACE FIELD DENSITY TEST REPORT

PROJECT: Photech Imaging – Rochester, NY **DATE:** 09/21/10
CLIENT: LaBella Associates, P.C. **REPORT NO.:** 37004S-05-0910
TEST METHOD: ASTM D6938-08a **REPRESENTATIVE:** P. Reynolds
(Tests #1-3, 5-12, 15-16) Brown cmf SAND, little SILT, trace cmf
GRAVEL / Elam Sand & Gravel – West Bloomfield, NY;

MATERIAL TYPE/SOURCE: (Test #4) Brown SILT/CLAY, some cmf SAND, some cmf
GRAVEL / Buildings 6 & 7, Middle Slough Bank;

(Tests #13-14) Recycled Concrete / Crushed Onsite

WEATHER: Partly sunny

TEMPERATURE: 67 °F

REMARKS:

This representative was onsite at the above referenced project to conduct in place field density tests on the fill for the excavated buildings #2, 3, 4, 5, 6, 7, 8, 9, tunnel at the South end of building #11, and tunnel between buildings #5 and #7. A Dynapac CA150 single vibratory drum roller was used for compaction. No locations or elevations were marked onsite so this report reflects estimated locations and elevations.

The test results indicate that the required percentage of compaction was achieved at all tests, except for tests #13 and #14. Test #4 is a retest from 9/16/10.

Jay Goggin with Foundation Design was informed of today's test results and approved placing an additional lift of recycled concrete over the lifts that failed to meet required compaction. This will close out NCDD #1 on CME's List of Non-Conformance, Deviations and Deficiencies.

RESULTS:

Test #	Test Location	Test Elevation	Moisture Content (%)	OMC (%)	Field Dry Density (pcf)	100% Dry Density (pcf)	Compaction Achieved (%)	Compaction Required (%)
1	See Attached Sketch	493	7.7	8.4	128.3	128.3	100.0	95.0
2	See Attached Sketch	493	8.9	8.4	128.3	128.3	100.0	95.0
3	See Attached Sketch	494	8.1	8.4	127.7	128.3	99.5	95.0
4	Retest #2 from 9/16/10	493	6.9	8.0	126.6	133.3	95.0	95.0
5	See Attached Sketch	494	8.3	8.4	128.3	128.3	100.0	95.0
6	See Attached Sketch	494	8.1	8.4	127.9	128.3	99.7	95.0
7	See Attached Sketch	494	8.0	8.4	124.8	128.3	97.3	95.0
8	See Attached Sketch	494	7.8	8.4	128.3	128.3	100.0	95.0
9	See Attached Sketch	494	8.5	8.4	128.3	128.3	100.0	95.0
10	See Attached Sketch	494	8.3	8.4	127.4	128.3	99.3	95.0
11	See Attached Sketch	494	8.3	8.4	126.8	128.3	98.8	95.0
12	See Attached Sketch	495	10.0	8.4	124.0	128.3	96.6	95.0
13	See Attached Sketch	479	8.1	9.1	115.7	127.8	90.5	95.0
14	See Attached Sketch	479	8.3	9.1	117.6	127.8	92.0	95.0
15	See Attached Sketch	495	7.9	8.4	122.8	128.3	95.7	95.0
16	See Attached Sketch	495	7.7	8.4	127.9	128.3	99.7	95.0

Setting the Blueprint for Quality and Customer Satisfaction



CME
Associates, Inc.

385 Sherman Street
Rochester, New York 14606
(585) 254-8740
(585) 254-1351 (Fax)
www.cmeassociates.com

Page 1 of 2

IN-PLACE FIELD DENSITY TEST REPORT

PROJECT:	Photech Imaging – Rochester, NY	DATE:	09/22/10
CLIENT:	LaBella Associates, P.C.	REPORT NO.:	37004S-06-0910
TEST METHOD:	ASTM D6938-08a	REPRESENTATIVE:	P. Reynolds
MATERIAL TYPE/SOURCE:	Recycled Concrete / Crushed Onsite		
WEATHER:	Mostly cloudy	TEMPERATURE:	65 °F

REMARKS:

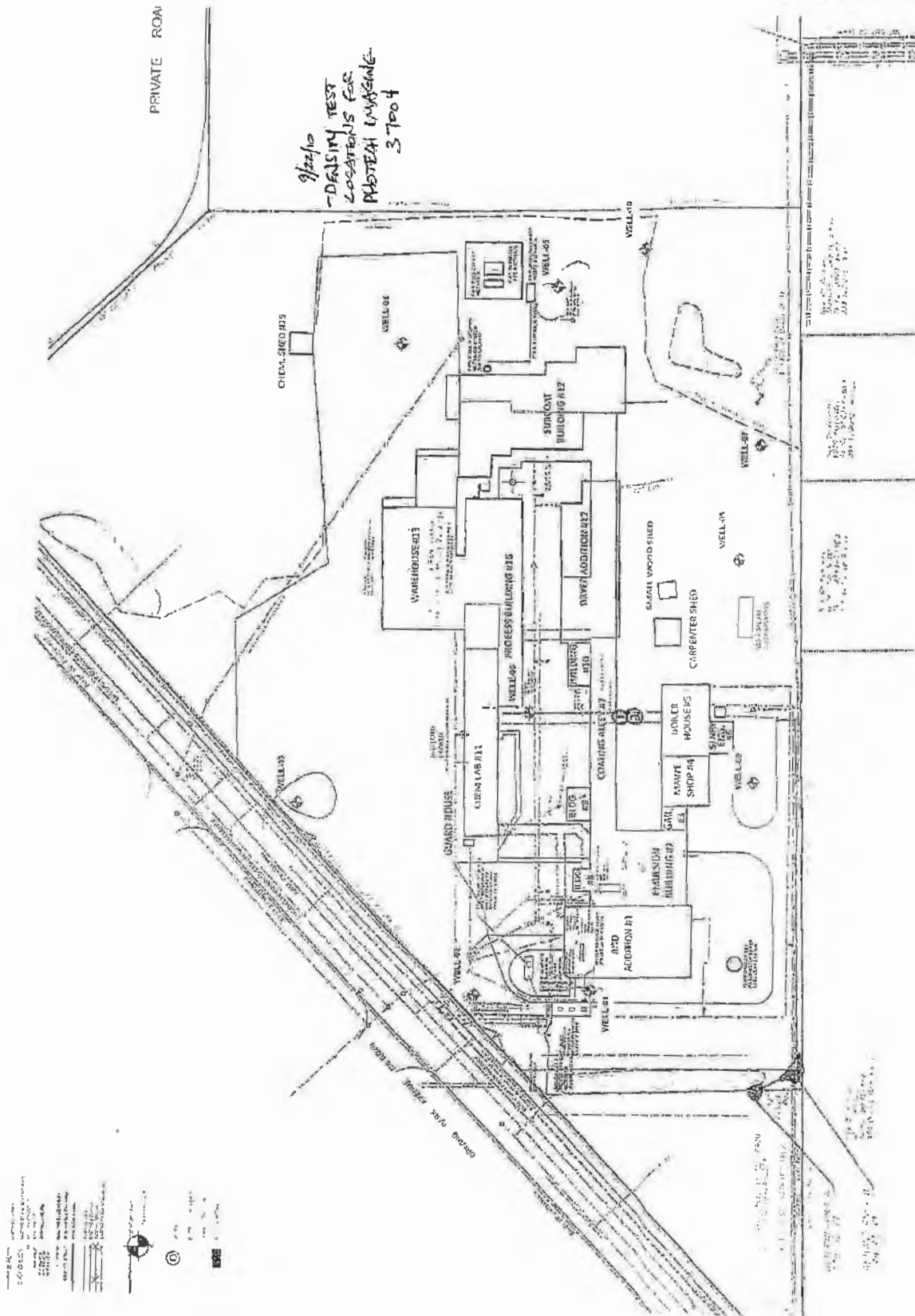
This representative was onsite at the above referenced project to conduct in place field density tests on the fill for the excavated tunnel between buildings #5 and #7. A Dynapac CA150 single vibratory drum roller was used for compaction. Elevations were determined and marked at various locations onsite, therefore, from this date forward in-place field density test reports will reflect more accurate test elevations.

The test results indicate that the required percentage of compaction was achieved at the locations and elevations shown below.

Jay Goggin with Foundation Design was informed of today's test results.

RESULTS:

Test #	Test Location	Test Elevation	Moisture Content (%)	OMC (%)	Field Dry Density (pcf)	100% Dry Density (pcf)	Compaction Achieved (%)	Compaction Required (%)
1	See Attached Sketch	480	10.2	9.1	122.5	127.8	95.5	95.0
2	See Attached Sketch	480	9.8	9.1	121.7	127.8	95.2	95.0





CME
Associates, Inc.

385 Sherman Street
Rochester, New York 14606
(585) 254-8740
(585) 254-1351 (Fax)
www.cmeassociates.com

Page 1 of 2

IN-PLACE FIELD DENSITY TEST REPORT

PROJECT:	Photech Imaging – Rochester, NY	DATE:	09/23/10
CLIENT:	LaBella Associates, P.C.	REPORT NO.:	37004S-07-0910
TEST METHOD:	ASTM D6938-08a	REPRESENTATIVE:	P. Reynolds
MATERIAL TYPE/SOURCE:	Recycled Concrete / Crushed Onsite		
WEATHER:	Mostly sunny	TEMPERATURE:	78 °F

REMARKS:

This representative was onsite at the above referenced project to conduct in place field density tests on the fill for the excavated tunnel between buildings #11 and #7. A Dynapac CA150 single vibratory drum roller was used for compaction.

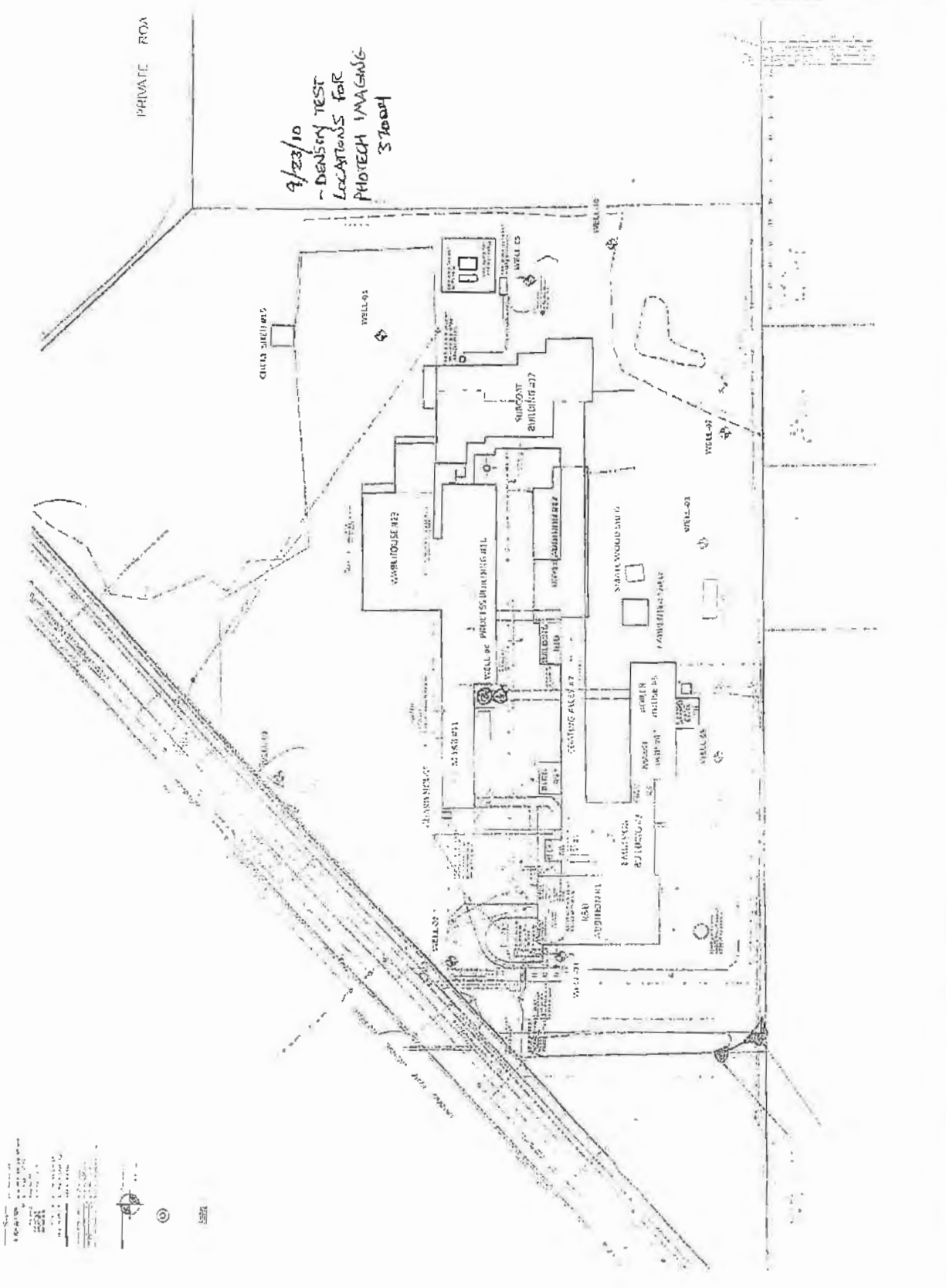
The test results indicate that the required percentage of compaction was not achieved at the locations and elevations shown below.

The site contractor was informed and agreed to re-work and re-compact the failing area. These areas will be retested on 9/24/10.

Jay Goggin with Foundation Design was informed of today's test results.

RESULTS:

Test #	Test Location	Test Elevation	Moisture Content (%)	OMC (%)	Field Dry Density (pcf)	100% Dry Density (pcf)	Compaction Achieved (%)	Compaction Required (%)
1	See Attached Sketch	481	8.3	9.1	112.3	127.8	87.9	95.0
2	See Attached Sketch	481	7.8	9.1	115.7	127.8	90.5	95.0





CME
Associates, Inc.

385 Sherman Street
Rochester, New York 14606
(585) 254-8740
(585) 254-1351 (Fax)
www.cmeassociates.com

Page 1 of 2

IN-PLACE FIELD DENSITY TEST REPORT

PROJECT: Phototech Imaging - Rochester, NY
CLIENT: LaBella Associates, P.C.
TEST METHOD: ASTM D6938-08a
DATE: 09/24/10
REPORT NO.: 37004S-08-0910
REPRESENTATIVE: P. Reynolds
(Tests #1-9) Brown SILT/CLAY, some cmf SAND, some cmf GRAVEL / Buildings 6 & 7, Middle Slough Bank;
MATERIAL TYPE/SOURCE: (Tests #10-11) Recycled Concrete / Crushed Onsite
WEATHER: Mostly sunny
TEMPERATURE: 88 °F

REMARKS:

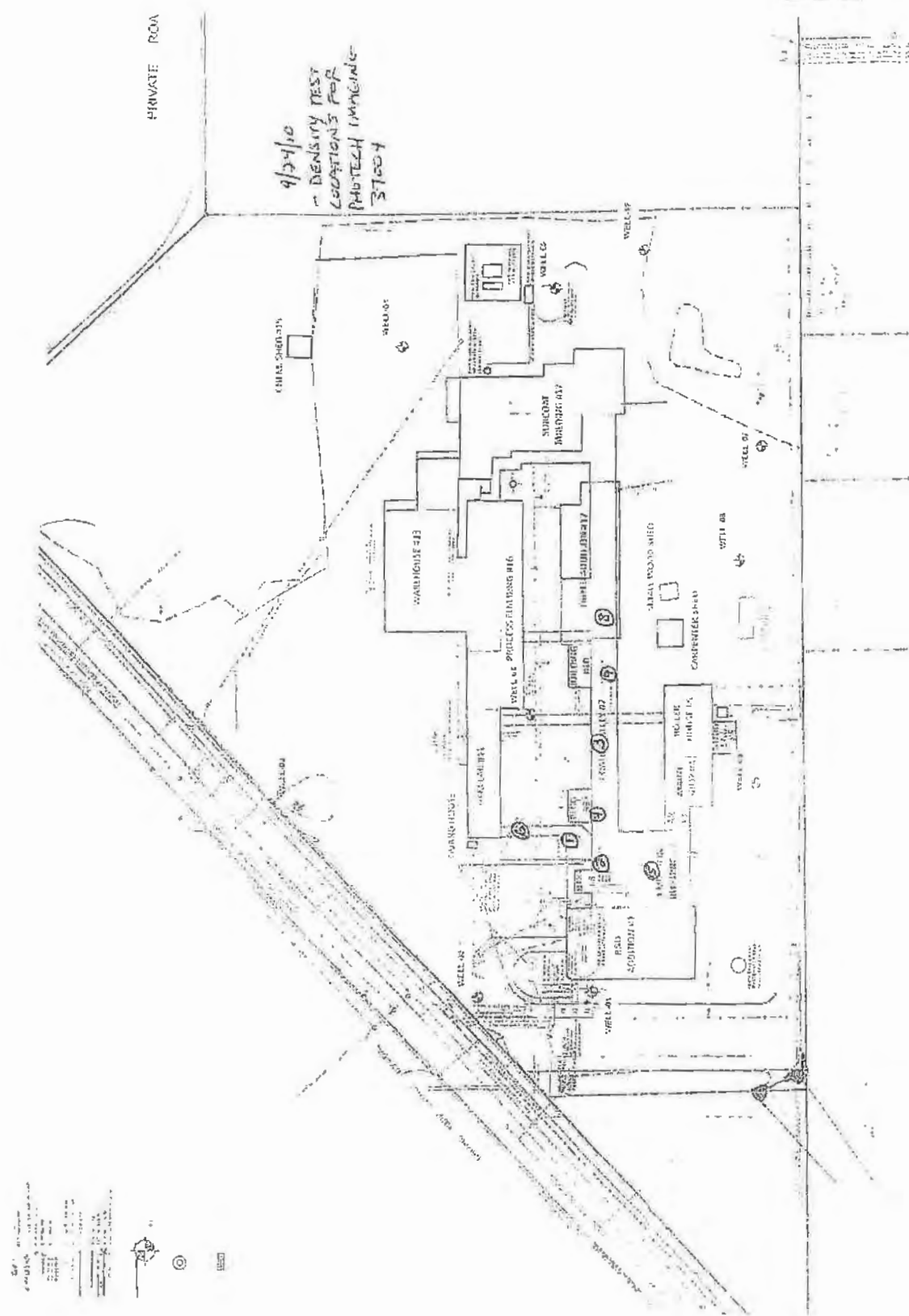
This representative was onsite at the above referenced project to conduct in place field density tests on the fill for the excavated tunnel buildings #2, 7, 8, 9, 10, 17, and the tunnels between buildings #11 and #2 and #11 and #7. A large roller was brought onsite today to help achieve better compaction results. The roller model is a large Sakai SV510D-III.

The test results indicate that the required percentage of compaction was achieved at the locations and elevations shown below, except for tests #10 and #11, which were retests from 9/23/10.

Jay Goggin with Foundation Design was informed of today's test results and approved placing another lift of recycled concrete over the failing areas.

RESULTS:

Test #	Test Location	Test Elevation	Moisture Content (%)	OMC (%)	Field Dry Density (pcf)	100% Dry Density (pcf)	Compaction Achieved (%)	Compaction Required (%)
1	See Attached Sketch	490	7.4	8.0	130.0	133.3	97.5	95.0
2	See Attached Sketch	490	9.3	8.0	128.8	133.3	96.7	95.0
3	See Attached Sketch	490	9.6	8.0	127.9	133.3	96.0	95.0
4	See Attached Sketch	490	9.6	8.0	127.0	133.3	95.3	95.0
5	See Attached Sketch	490	7.9	8.0	128.9	133.3	96.7	95.0
6	See Attached Sketch	490	8.2	8.0	123.2	133.3	92.4	95.0
7	Retest #6	490	7.2	8.0	128.5	133.3	96.4	95.0
8	See Attached Sketch	489	8.4	8.0	131.3	133.3	98.5	95.0
9	See Attached Sketch	489	8.9	8.0	129.3	133.3	97.0	95.0
10	Retest #1 from 9/23/10	483	7.6	9.1	119.9	127.8	93.2	95.0
11	Retest #2 from 9/23/10	483	8.1	9.1	117.1	127.8	91.0	95.0





CME
Associates, Inc.

385 Sherman Street
Rochester, New York 14606
(585) 254-8740
(585) 254-1351 (Fax)
www.cmeassociates.com

Page 1 of 2

IN-PLACE FIELD DENSITY TEST REPORT

PROJECT: Phototech Imaging – Rochester, NY
CLIENT: LaBella Associates, P.C.
TEST METHOD: ASTM D6938-08a
DATE: 09/25/10
REPORT NO.: 37004S-09-0910
REPRESENTATIVE: P. Reynolds
(Tests #1-5) Brown SILT/CLAY, some cmf SAND, some cmf GRAVEL / Buildings 6 & 7, Middle Slough Bank;

MATERIAL TYPE/SOURCE: (Tests #6-8) Brown SILT/CLAY, some cmf SAND, some cmf GRAVEL / Buildings 6 & 16, East Wall Middle;

(Tests #9-13) Recycled Concrete / Crushed Onsite

WEATHER: Mostly cloudy

TEMPERATURE: 65 °F

REMARKS:

This representative was onsite at the above referenced project to conduct in place field density tests on the fill for buildings #7, 10, 11, 16, 17, and the tunnels between buildings #11 and #2 and also between #11 and #7, as well as #7 and #5. A large Dynapac CA150 single vibratory drum roller and a large Sakai SV510D-III single vibratory drum roller were used for compaction.

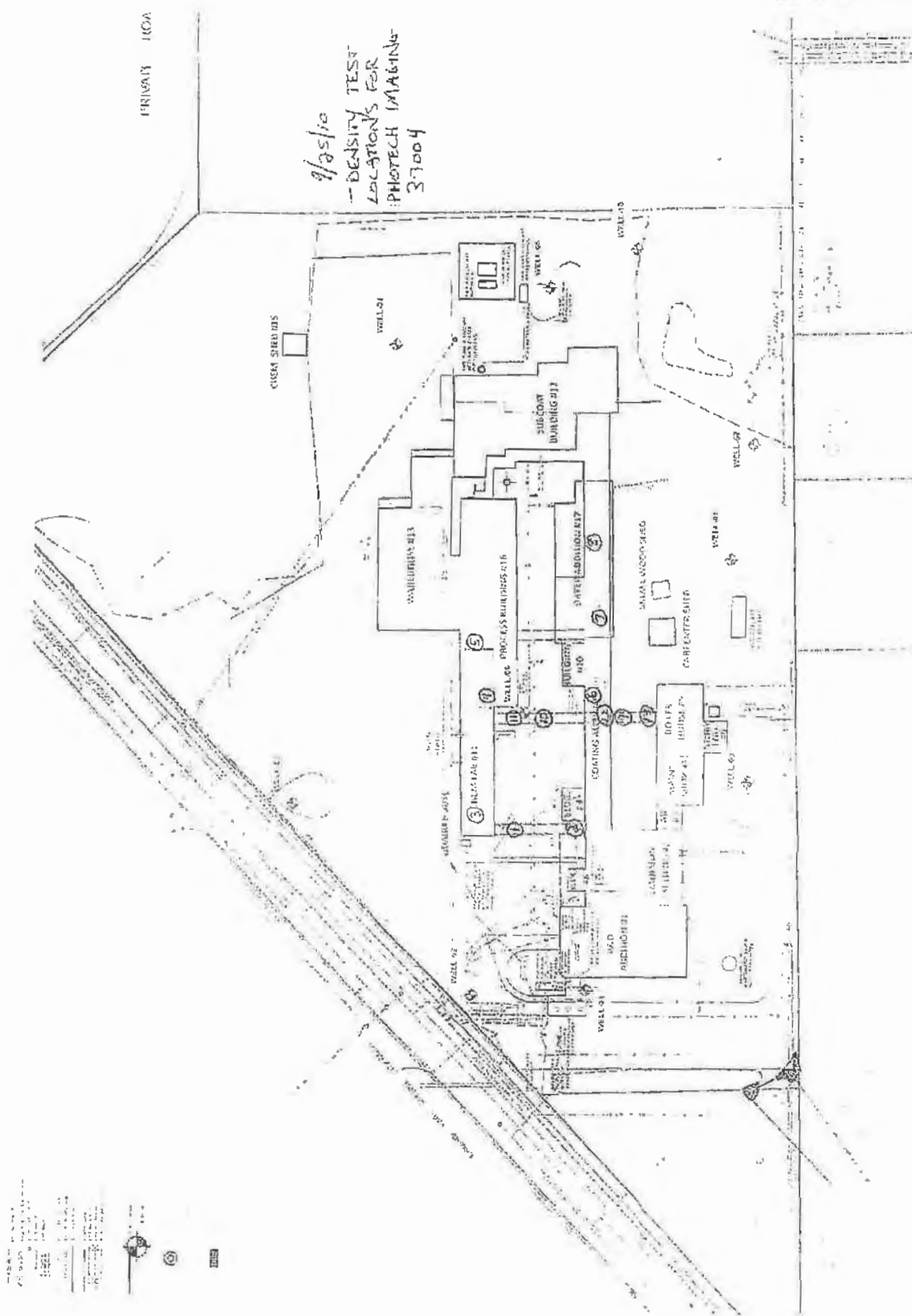
The test results indicate that the required percentage of compaction was achieved at the locations and elevations shown below.

A representative with ERSI was informed of today's test results.

RESULTS:

Test #	Test Location	Test Elevation	Moisture Content (%)	OMC (%)	Field Dry Density (pcf)	100% Dry Density (pcf)	Compaction Achieved (%)	Compaction Required (%)
1	See Attached Sketch	491	9.0	8.0	127.9	133.3	96.0	95.0
2	See Attached Sketch	491	10.4	8.0	128.0	133.3	96.1	95.0
3	See Attached Sketch	490	7.2	8.0	129.9	133.3	97.4	95.0
4	See Attached Sketch	490	8.0	8.0	132.0	133.3	99.0	95.0
5	See Attached Sketch	490	4.9	8.0	132.8	133.3	99.6	95.0
6	See Attached Sketch	490	7.3	8.1	128.9	134.2	96.1	95.0
7	See Attached Sketch	490	8.3	8.1	131.4	134.2	97.9	95.0
8	See Attached Sketch	489	8.6	8.1	128.6	134.2	95.8	95.0
9	See Attached Sketch	484	10.6	9.1	121.9	127.8	95.4	95.0
10	See Attached Sketch	484	10.4	9.1	121.5	127.8	95.1	95.0
11	See Attached Sketch	485	10.2	9.1	122.7	127.8	96.0	95.0
12	See Attached Sketch	485	10.8	9.1	122.0	127.8	95.5	95.0
13	See Attached Sketch	486	10.6	9.1	122.1	127.8	95.6	95.0

Setting the Blueprint for Quality and Customer Satisfaction





CME
Associates, Inc.

385 Sherman Street
Rochester, New York 14606
(585) 254-8740
(585) 254-1351 (Fax)
www.cmeassociates.com

Page 1 of 2

IN-PLACE FIELD DENSITY TEST REPORT

PROJECT: Photech Imaging – Rochester, NY **DATE:** 09/27/10
CLIENT: LaBella Associates, P.C. **REPORT NO.:** 37004S-10-0910
TEST METHOD: ASTM D6938-08a **REPRESENTATIVE:** P. Reynolds
(Tests #1-12) Brown SILT/CLAY, some cmf SAND, some cmf
GRAVEL / Buildings 6 & 7, Middle Slough Bank;
MATERIAL TYPE/SOURCE: (Test #13) Recycled Concrete / Crushed Onsite
WEATHER: Cloudy, rain **TEMPERATURE:** 64 °F

REMARKS:

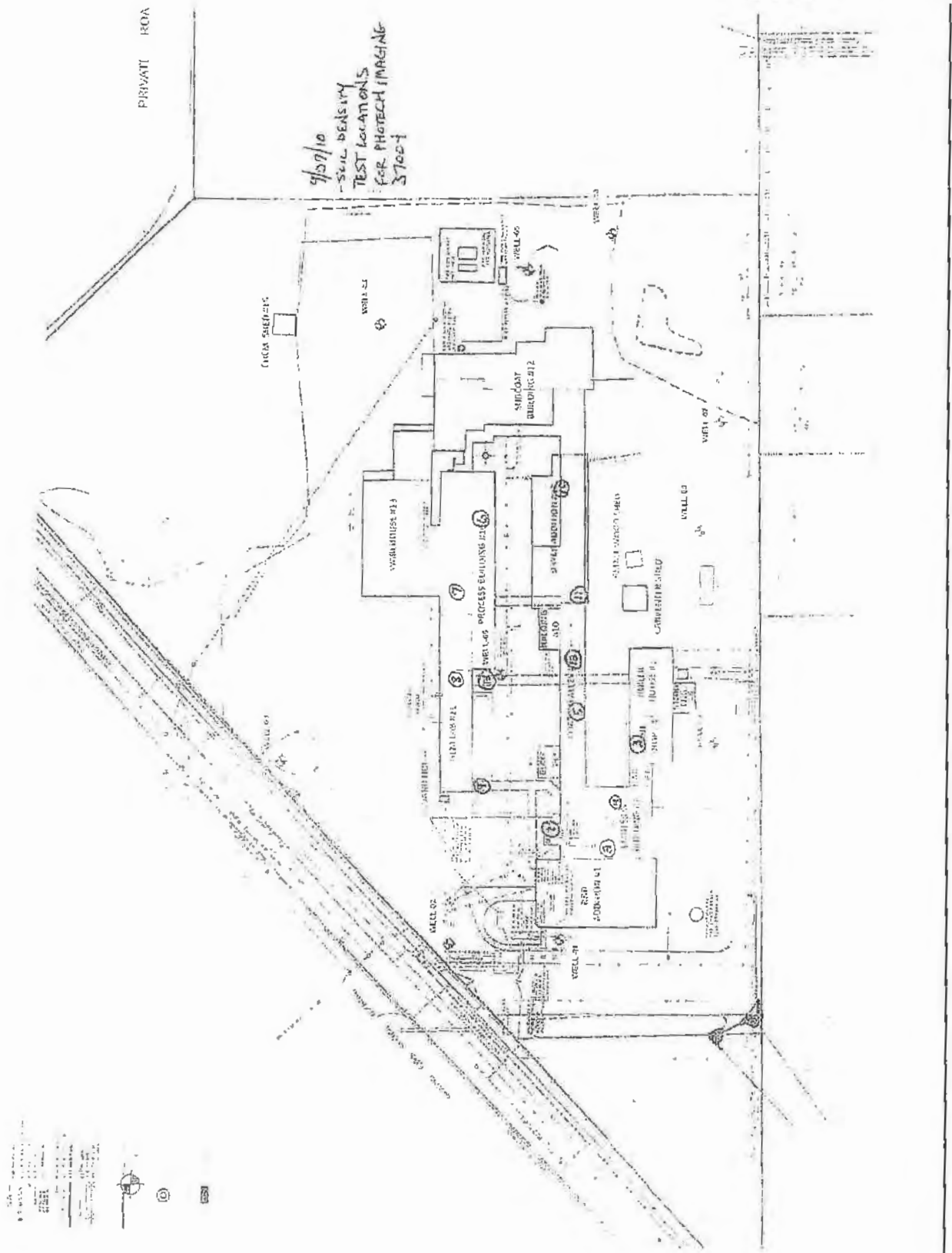
This representative was onsite at the above referenced project to conduct in place field density tests on the fill for buildings #2, 3, 4, 5, 7, 8, 9, 10, 11, 16, 17, and the tunnels from buildings #11-#2 and #11-#7. A large Dynapac CA150 single vibratory drum roller and a large Sakai SV510D-III single vibratory drum roller were used for compaction.

The test results indicate that the required percentage of compaction was achieved at the locations and elevations shown below.

Jay Goggin with Foundation Design was informed of today's test results.

RESULTS:

Test #	Test Location	Test Elevation	Moisture Content (%)	OMC (%)	Field Dry Density (pcf)	100% Dry Density (pcf)	Compaction Achieved (%)	Compaction Required (%)
1	See Attached Sketch	491	7.2	8.0	128.2	133.3	96.2	95.0
2	See Attached Sketch	491	8.2	8.0	127.3	133.3	95.5	95.0
3	See Attached Sketch	490	6.2	8.0	128.6	133.3	96.5	95.0
4	See Attached Sketch	491	7.2	8.0	127.7	133.3	95.8	95.0
5	See Attached Sketch	491	7.9	8.0	128.1	133.3	96.1	95.0
6	See Attached Sketch	491	6.3	8.0	128.1	133.3	96.1	95.0
7	See Attached Sketch	491	6.8	8.0	126.9	133.3	95.2	95.0
8	See Attached Sketch	491	6.6	8.0	133.2	133.3	99.9	95.0
9	See Attached Sketch	492	8.4	8.0	131.6	133.3	98.7	95.0
10	See Attached Sketch	490	8.5	8.0	126.9	133.3	95.2	95.0
11	See Attached Sketch	491	9.8	8.0	128.0	133.3	96.0	95.0
12	See Attached Sketch	491	8.4	8.0	129.9	133.3	97.4	95.0
13	See Attached Sketch	486	10.2	9.1	121.9	127.8	95.4	95.0





CME
Associates, Inc.

385 Sherman Street
Rochester, New York 14606
(585) 254-8740
(585) 254-1351 (Fax)
www.cmeassociates.com

Page 1 of 1

DAILY PROGRESS REPORT

PROJECT: Photech Imaging – Rochester, NY	REPORT NO.: 37004S-11-0910
CLIENT: LaBella Associates, P.C.	REPRESENTATIVE: P. Reynolds
DATE: 09/30/10 WEATHER: Rain	TEMPERATURE: 65 °F

This representative was onsite at the above referenced project to perform in-place field density testing on the fill for the demolished and excavated buildings. This representative was informed by Jay Goggin with Foundation Design that density tests would not be needed today due to rainy conditions.



CME
Associates, Inc.

385 Sherman Street
Rochester, New York 14606
(585) 254-8740
(585) 254-1351 (Fax)
www.cmeassociates.com

Page 1 of 2

IN-PLACE FIELD DENSITY TEST REPORT

PROJECT:	Phototech Imaging – Rochester, NY	DATE:	09/28/10
CLIENT:	LaBella Associates, P.C.	REPORT NO.:	37004S-12-0910
TEST METHOD:	ASTM D6938-08a	REPRESENTATIVE:	P. Reynolds
MATERIAL TYPE/SOURCE:	Recycled Concrete / Crushed Onsite		
WEATHER:	Partly sunny	TEMPERATURE:	75 °F

REMARKS:

This representative was onsite at the above referenced project to conduct in place field density tests on the fill for the tunnel from buildings #11 to #7 and #7 to #5 and building #5. A large Sakai SV510D-III single vibratory drum roller was used for compaction.

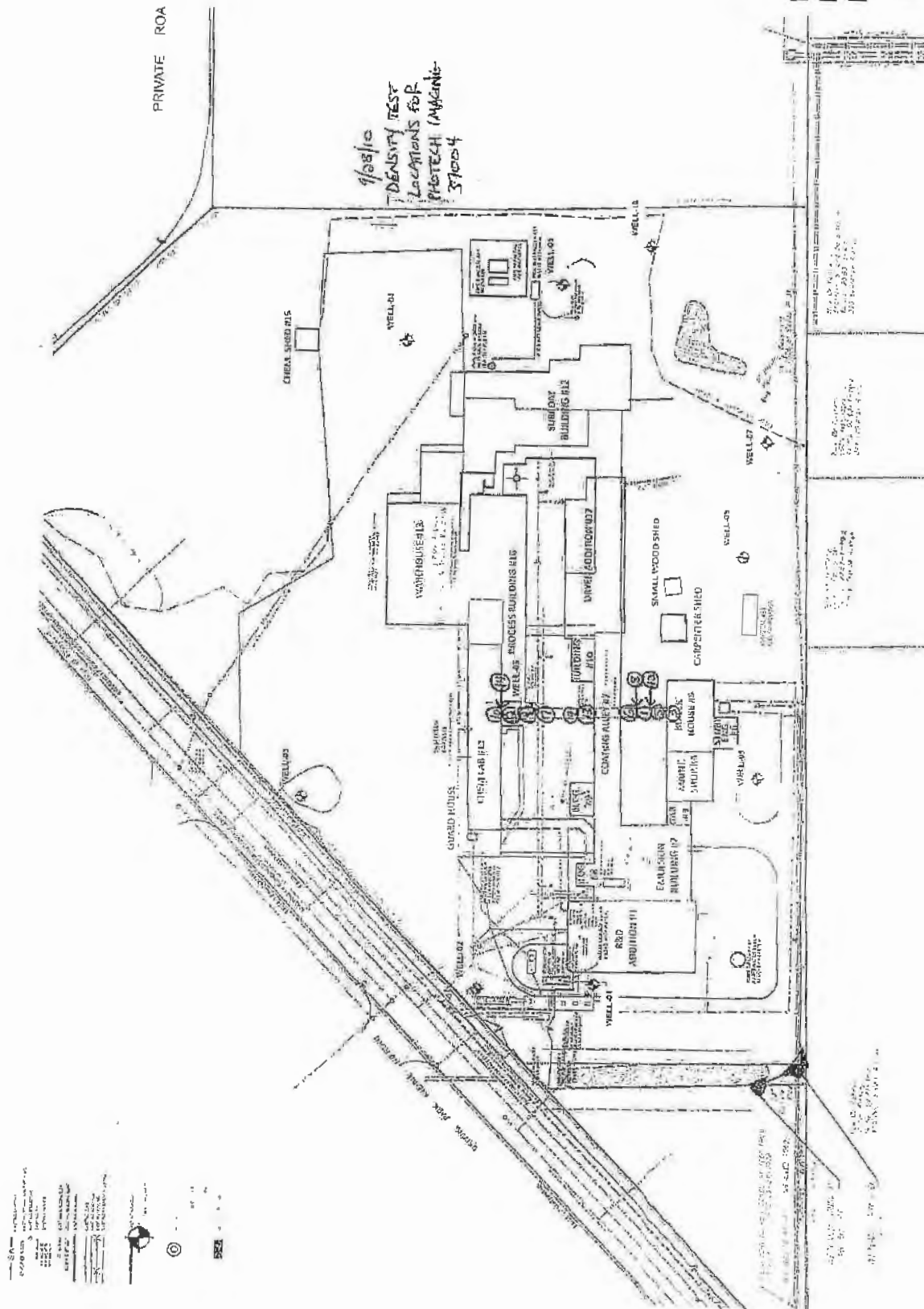
The test results indicate that the required percentage of compaction was achieved at the locations and elevations shown below.

Jay Goggin with Foundation Design was informed of today's test results.

RESULTS:

Test #	Test Location	Test Elevation	Moisture Content (%)	OMC (%)	Field Dry Density (pcf)	100% Dry Density (pcf)	Compaction Achieved (%)	Compaction Required (%)
1	See Attached Sketch	487	9.3	9.1	122.1	127.8	95.5	95.0
2	See Attached Sketch	487	10.8	9.1	122.5	127.8	95.9	95.0
3	See Attached Sketch	488	11.0	9.1	121.4	127.8	95.0	95.0
4	See Attached Sketch	488	11.8	9.1	122.1	127.8	95.6	95.0
5	See Attached Sketch	489	10.7	9.1	121.7	127.8	95.2	95.0
6	See Attached Sketch	489	11.0	9.1	122.1	127.8	95.5	95.0
7	See Attached Sketch	489	10.6	9.1	122.3	127.8	95.7	95.0
8	See Attached Sketch	490	10.7	9.1	121.4	127.8	95.0	95.0
9	See Attached Sketch	490	10.3	9.1	122.5	127.8	95.9	95.0
10	See Attached Sketch	490	10.7	9.1	121.7	127.8	95.2	95.0
11	See Attached Sketch	486	10.0	9.1	122.6	127.8	95.9	95.0
12	See Attached Sketch	491	10.8	9.1	121.4	127.8	95.0	95.0
13	See Attached Sketch	491	9.2	9.1	126.0	127.8	98.6	95.0
14	See Attached Sketch	491	9.7	9.1	121.9	127.8	95.4	95.0

Setting the Blueprint for Quality and Customer Satisfaction





CME
Associates, Inc.

385 Sherman Street
Rochester, New York 14606
(585) 254-8740
(585) 254-1351 (Fax)
www.cmeassociates.com

Page 1 of 2

IN-PLACE FIELD DENSITY TEST REPORT

PROJECT: Photech Imaging – Rochester, NY
CLIENT: LaBella Associates, P.C.
TEST METHOD: ASTM D6938-08a
DATE: 09/29/10
REPORT NO.: 37004S-13-0910
REPRESENTATIVE: P. Reynolds
(Tests #1-13) Recycled Concrete / Crushed Onsite;

MATERIAL TYPE/SOURCE:
(Tests #14-15) Brown SILT/CLAY, some cmf SAND, some cmf GRAVEL / Building 6, 7 Middle Slough Bank

WEATHER: Partly sunny
TEMPERATURE: 75 °F

REMARKS:

This representative was onsite at the above referenced project to conduct in place field density tests on the fill for the demolished and excavated buildings #1, 3-6, 11, and the tunnels from buildings #11-7 and #7-5. A large Dynapac CA150 single vibratory drum roller and a large Sakai SV510D-III single vibratory drum roller were used for compaction.

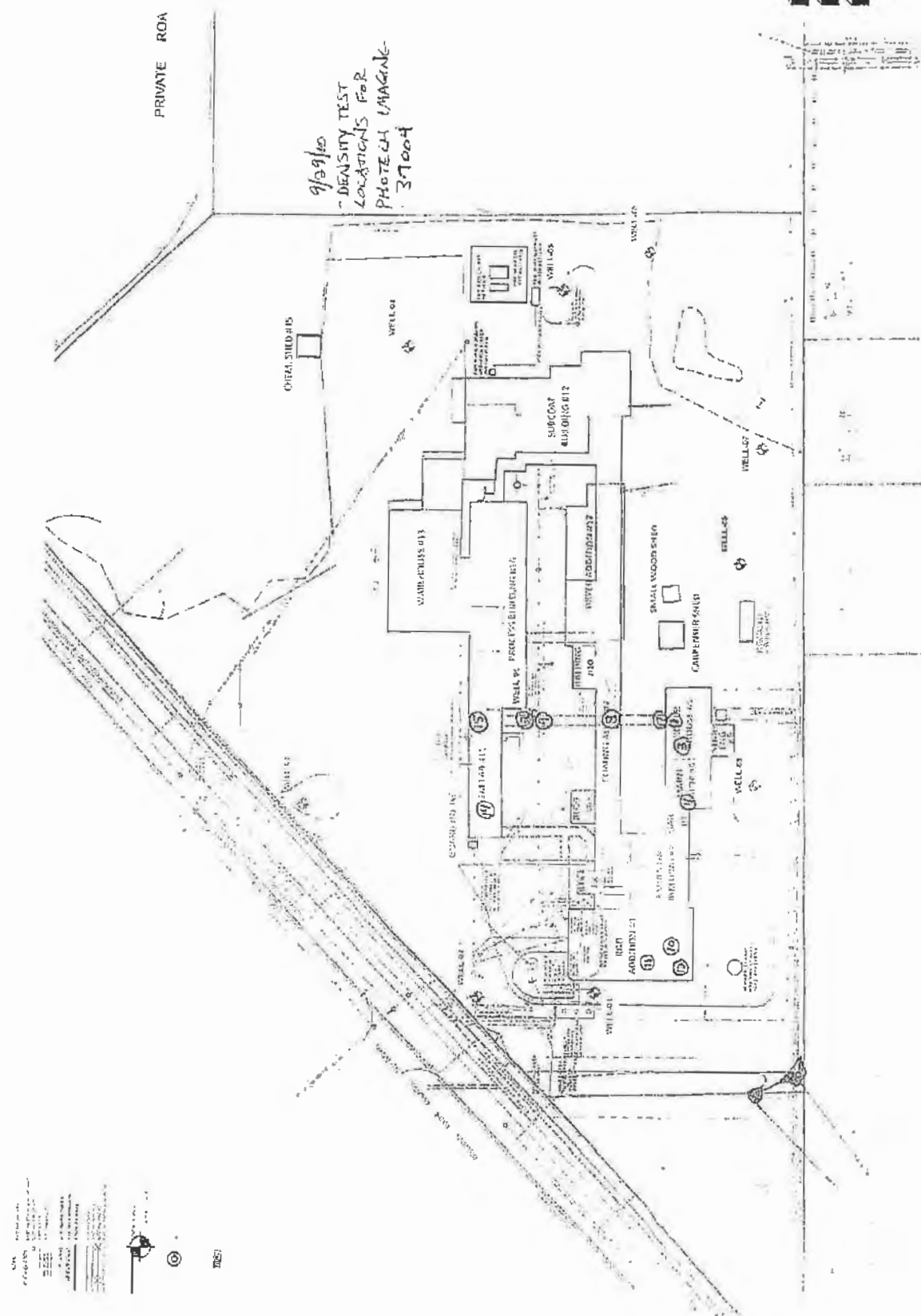
The test results indicate that the required percentage of compaction was achieved at the locations and elevations shown below.

Jay Goggin with Foundation Design was informed of today's test results.

RESULTS:

Test #	Test Location	Test Elevation	Moisture Content (%)	OMC (%)	Field Dry Density (pcf)	100% Dry Density (pcf)	Compaction Achieved (%)	Compaction Required (%)
1	See Attached Sketch	492	10.8	9.1	122.4	127.8	95.8	95.0
2	See Attached Sketch	492	10.3	9.1	123.9	127.8	96.9	95.0
3	See Attached Sketch	492	10.4	9.1	119.7	127.8	93.7	90.0
4	See Attached Sketch	492	10.5	9.1	113.4	127.8	89.7	90.0
5	Retest #3	492	10.6	9.1	119.7	127.8	93.6	90.0
6	Retest #4	492	10.8	9.1	116.7	127.8	91.3	90.0
7	See Attached Sketch	493	9.9	9.1	122.0	127.8	95.4	95.0
8	See Attached Sketch	493	10.6	9.1	122.6	127.8	95.9	95.0
9	See Attached Sketch	493	10.7	9.1	122.4	127.8	95.8	95.0
10	See Attached Sketch	489	10.3	9.1	115.8	127.8	90.6	90.0
11	See Attached Sketch	489	10.8	9.1	118.2	127.8	92.5	90.0
12	See Attached Sketch	487	9.2	9.1	117.4	127.8	91.9	95.0
13	Retest #12	487	10.2	9.1	121.4	127.8	95.0	95.0
14	See Attached Sketch	492	9.4	8.0	127.6	133.3	95.7	95.0
15	See Attached Sketch	492	8.9	8.0	126.8	133.3	95.1	95.0

Setting the Blueprint for Quality and Customer Satisfaction





CME
Associates, Inc.

385 Sherman Street
Rochester, New York 14606
(585) 254-8740
(585) 254-1351 (Fax)
www.cmeassociates.com

Page 1 of 2

IN-PLACE FIELD DENSITY TEST REPORT

PROJECT: Photech Imaging – Rochester, NY **DATE:** 10/01/10
CLIENT: LaBella Associates, P.C. **REPORT NO.:** 37004S-14-1010
TEST METHOD: ASTM D6938-08a **REPRESENTATIVE:** P. Reynolds
MATERIAL TYPE/SOURCE: Recycled Concrete / Crushed Onsite
WEATHER: Mostly sunny **TEMPERATURE:** 66 °F

REMARKS:

This representative was onsite at the above referenced project to conduct in place field density tests on the fill for the demolished and excavated buildings #1-11 and #17. A large Dynapac CA150 single vibratory drum roller and a large Sakai SV510D-III single vibratory drum roller were used for compaction. Jay Goggin informed this representative of the compaction requirements for each area being tested.

The test results indicate that the required percentage of compaction was achieved at the locations and elevations shown below.

Jay Goggin with Foundation Design was informed of today's test results.

RESULTS:

Test #	Test Location	Test Elevation	Moisture Content (%)	OMC (%)	Field Dry Density (pcf)	100% Dry Density (pcf)	Compaction Achieved (%)	Compaction Required (%)
1	See Attached Sketch	492	12.7	9.1	119.6	127.8	93.6	93.0
2	See Attached Sketch	492	13.7	9.1	116.8	127.8	91.4	93.0
3	See Attached Sketch	492	14.1	9.1	112.7	127.8	88.2	93.0
4	See Attached Sketch	490	12.3	9.1	119.7	127.8	93.7	93.0
5	See Attached Sketch	492	12.8	9.1	120.5	127.8	94.3	90.0
6	See Attached Sketch	492	12.6	9.1	122.0	127.8	95.4	90.0
7	See Attached Sketch	492	14.2	9.1	119.0	127.8	93.1	90.0
8	See Attached Sketch	493	13.9	9.1	116.6	127.8	91.2	90.0
9	Retest #3	492	11.6	9.1	122.4	127.8	95.8	93.0
10	Retest #2	492	13.0	9.1	119.4	127.8	93.4	93.0
11	See Attached Sketch	490	10.5	9.1	120.4	127.8	94.2	93.0
12	See Attached Sketch	488	9.8	9.1	119.9	127.8	93.8	93.0
13	See Attached Sketch	493	9.5	9.1	118.5	127.8	92.7	93.0
14	See Attached Sketch	493	10.6	9.1	118.3	127.8	92.6	93.0
15	Retest #13	493	11.1	9.1	120.0	127.8	93.9	93.0
16	Retest #14	493	9.8	9.1	119.2	127.8	93.3	93.0
17	See Attached Sketch	491	12.7	9.1	121.5	127.8	95.1	93.0
18	See Attached Sketch	491	9.9	9.1	121.4	127.8	95.0	93.0



CME
Associates, Inc.

385 Sherman Street
Rochester, New York 14606
(585) 254-8740
(585) 254-1351 (Fax)
www.cmeassociates.com

Page 1 of 2

IN-PLACE FIELD DENSITY TEST REPORT

PROJECT: Phototech Imaging – Rochester, NY **DATE:** 10/04/10
CLIENT: LaBella Associates, P.C. **REPORT NO.:** 37004S-15-1010
TEST METHOD: ASTM D6938-08a **REPRESENTATIVE:** P. Reynolds
MATERIAL TYPE/SOURCE: Recycled Concrete / Crushed Onsite
WEATHER: Mostly cloudy **TEMPERATURE:** 50 °F

REMARKS:

This representative was onsite at the above referenced project to conduct in place field density tests on the fill for the demolished and excavated buildings #1-6, 8, 11, 16, and tunnels from buildings #11-2, #11-7, and #7-5. A large Sakai SV510D-III single vibratory drum roller was used for compaction. Jay Goggin with Foundation Design informed this representative of the compaction requirements for each area being tested.

The test results indicate that the required percentage of compaction was achieved at the locations and elevations shown below.

Jay Goggin with Foundation Design was informed of today's test results.

RESULTS:

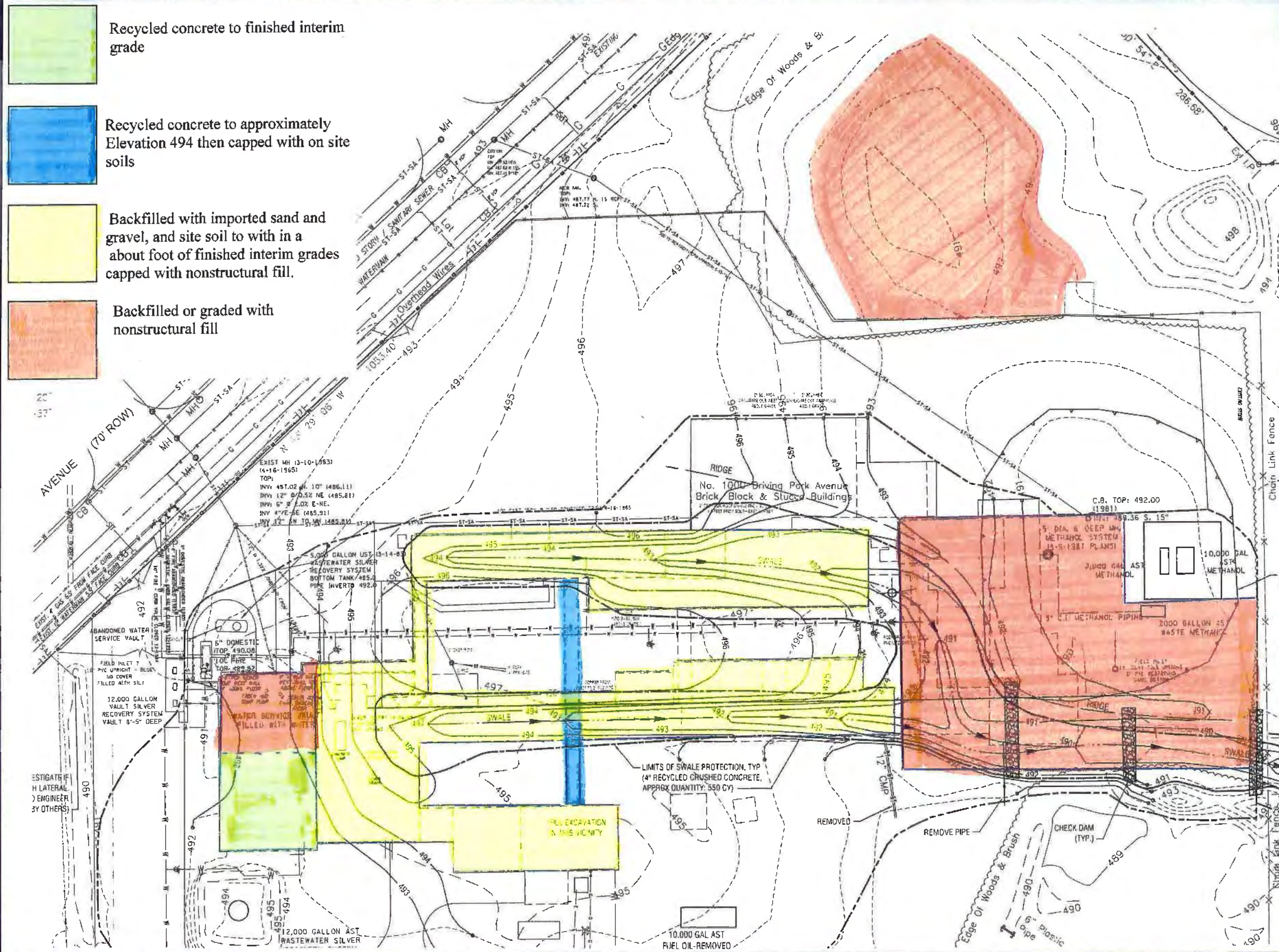
Test #	Test Location	Test Elevation	Moisture Content (%)	OMC (%)	Field Dry Density (pcf)	100% Dry Density (pcf)	Compaction Achieved (%)	Compaction Required (%)
1	See Attached Sketch	492	9.7	9.1	123.5	127.8	96.6	95.0
2	See Attached Sketch	494	9.7	9.1	121.8	127.8	95.3	90.0
3	See Attached Sketch	493	11.9	9.1	118.1	127.8	92.4	90.0
4	See Attached Sketch	493	11.4	9.1	124.7	127.8	97.4	90.0
5	See Attached Sketch	494	11.9	9.1	120.4	127.8	94.2	90.0
6	See Attached Sketch	494	10.7	9.1	126.0	127.8	98.6	90.0
7	See Attached Sketch	494	10.0	9.1	117.2	127.8	91.7	90.0
8	See Attached Sketch	492	10.7	9.1	121.7	127.8	95.2	95.0
9	See Attached Sketch	494	12.4	9.1	120.3	127.8	94.2	90.0
10	See Attached Sketch	494	10.9	9.1	124.6	127.8	97.5	90.0
11	See Attached Sketch	490	10.1	9.1	122.7	127.8	96.0	95.0
12	See Attached Sketch	491	10.0	9.1	124.6	127.8	97.5	95.0
13	See Attached Sketch	492	12.2	9.1	122.2	127.8	95.6	95.0
14	See Attached Sketch	492	12.8	9.1	121.4	127.8	95.0	95.0
15	See Attached Sketch	493	12.3	9.1	121.4	127.8	95.0	95.0
16	See Attached Sketch	493	10.5	9.1	121.5	127.8	95.1	95.0



**Foundation
Design, P.C.**

SOIL • BEDROCK • GROUNDWATER

APPENDIX C



Phototech - Phase I Environmental
 1000 Driving Park, Rochester, New York
Fill Placement Plan
 Adapted from: LaBella Associates, P.C.
 Revised Grading Plan

Foundation Design, P.C.

335 Colfax Street
 Rochester, New York 14606
 Phone (585) 458-0824
 FAX (585) 458-3323

CHECKED BY: JDN
 DRAWN BY: JAG
 DATE: 11-05-10
 Scale Not to Scale
 JOB NO.: 3446.0



SOIL • BEDROCK • GROUNDWATER

November 5, 2010

LaBella Associates, P.C.
300 State Street
Suite 201
Rochester, New York 14614

Attention: Mr. Dennis Porter

Reference Photech Imaging Corporation Site – Phase I
1000 Driving Park Avenue, Rochester, NY
Construction Close-Out Letter, 3446.0

Dear Mr. Porter:

This letter report summarizes our site observations during mass earthwork operations for the referenced project. This report summarizes the earthwork associated with the Phase I foundation/tunnel removal work, backfilling operations, and mass grading for site drainage. We recommend that this report be placed in permanent storage with other as-built construction documents. These documents should include, but not be limited to, a copy of the plans and specifications, and any other material certifications submitted by the contractor.

Several firms had involvement during the mass grading operations. LaBella Associates, P.C. and LeChase Construction Services provided project oversight throughout the work. Foundation Design, P.C. provided geotechnical consultation/observation of the mass earthwork between July and October 2010. CME Associates, Inc. was retained for quality control on the fill placement.

Environmental Remediation Services, Inc. (ERSI) performed the mass grading operations between July 28 and October 21, 2010. As part of this work, the contractor salvaged available

LaBella Associates, P.C.
November 5, 2010
Page 2

'clean' earth for reuse as structural fill, removing demolition debris for the fill as it was being placed. ERSI also recycled the on-site brick structure, concrete foundations, concrete floor slabs, and exterior concrete sidewalks and aprons, crushing the material to a minus two-inch size. Where the crushed product contained too much organic matter, the material was stockpiled separately and reused as final cover for the site.

The contract documents required that all fill material be in lifts not exceeding 8-inches in loose thickness and be compacted to a minimum of 95 percent of maximum dry density as determined by the Modified Proctor test (ASTM D-1557). In general, contractor achieved these requirements. Thicker lifts (18 to 24 inches thick) were allowed at the start of the deeper fill areas to start fill placement over wet subgrades; while the thicker lifts were not tested, passing test results were achieved on subsequent lifts. Isolated areas were accepted with in-place densities of 93 percent; these areas were hard, stable and passed a proof roll prior to placing another lift. Attached in Appendix A are copies of our Daily Field Reports for the project. Copies of the CME Associates, Inc. modified proctor curves and in-place density test reports are in Appendix B.

For ease in future site development, ERSI concentrated on placing the various materials in the following isolated areas (see plan in Appendix C for more detail):

- The 'clean' recycled product compacted was placed primarily in old Buildings No. 1 (green area on plan in Appendix C).
- The 'clean' recycled product was placed up to elevation 494 in the deep tunnel between Buildings No. 5 and No. 11 (blue area on plan).
- The 'clean' earth was salvaged was placed primarily in Buildings No. 2 through 6, No. 9, No. 10, No. 11, No. 16 and No. 17 (yellow area on plan).
- 2,000 cubic yards of imported gravel was used to start the fill placement in Buildings No. 11, No. 16 and No. 17 (portion of yellow area on plan).

LaBella Associates, P.C.
November 5, 2010
Page 3

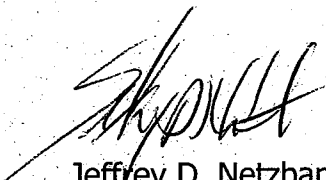
- Organic contaminated recycled concrete and other organic-laden soil was used for the upper six to 18 inches of cover material.
- Imported material containing high organic contents were used to create the embankment located within and the overall mass grading required for Building No. 12 (orange area on plan).

Based on our site observation and the test results recorded, it is our opinion that the mass earthwork was performed in general accordance with the plans and specifications and our recommendations. We point out that the horizontal and vertical limits of the grading operations were determined by others. Foundation Design, P.C. does not guarantee the construction, nor should our work or this letter be construed as relieving the contractor of the contractor's responsibility to perform the work in accordance with the contract plans and specifications.

Submission of this letter completes our services on this portion of the project. We have enjoyed working with you in this project; call if we can be of assistance on subsequent phases of the project.

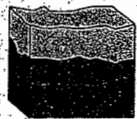
Very truly yours,

FOUNDATION DESIGN, P.C.



Jeffrey D. Netzband, P.E.
Vice President
Enc.

APPENDIX A



Foundation Design, P.C.

SOIL • BEDROCK • GROUNDWATER

July 28, 2010

LaBella Associates, P.C.
300 State Street
Suite 201
Rochester, New York 14614

Attention: Mr. Dennis Porter

Reference Photech Imaging Corporation Site
1000 Driving Park Avenue, Rochester, NY
Site Consultation, 3446.0

Dear Mr. Porter:

This letter is intended to confirm our conversations on-site with yourself and Mike Pelychaty from LaBella Associates, Tim Magill from LeChase Construction, and Joe Biondolillo of the City of Rochester. We walked the site on Monday, July 26 reviewing the site conditions, backfill materials available on-site, and imported fill materials that the contractor has submitted to date. We also reviewed the City of Rochester vision of the project 'end goals', trying to assess how much earthwork was prudent at this time. The following is a brief discussion of the various items discussed:

Imported Fill Material

The contractor has submitted a material they would like to use as structural fill, a sand product from Elam Sand & Gravel. We have reviewed the contractor's submission and the CME Associates laboratory testing on a soil sample that your staff had tested. The submitted material (SJB testing) and the CME sieve samples both meet the NYSDOT gradation requirements for Item 203.07. The NYSDOT specification also requires the material to be substantially free of shale or other soft material, with a Magnesium Sulfate Loss under 30 percent. This requirement prevents getting a lot of shale that pulverizes into fines during placement. We have seen shaly gravel go from under 10 percent delivered to the site to over 40 percent fines compacted. This is more of an issue in the southern tier. We suggest reviewing this concern with the supplier to verify that the product proposed also meets this criterion.



On-site Recycled Product Operations

We reviewed the operations being used to generate recycled aggregate, potentially for use as structural fill. The on-site concrete, brick, tile, cobbles, and boulders are being crushed on-site to a 2-inch minus size. Small amounts of wood are being included in the crushed material. We understand that after a pile is generated, the pile is leveled off and reworked so that the wood in the pile is hand removed from the fill. The material is then pushed into a berm on the west half of the site, again with wood being hand cleaned from the fill.

We see two concerns with the existing operations. Within the bermed area, we noted large amounts of soil that has been tracked over the crushed material. This soil should be pushed off the pile prior to placing more recycled material into the pile. We also noted that a fair amount of earth was being placed on one of the piles with the concrete. We recognized that some earth will be intermixed with the product. The contractor should take measures to minimize the amount of earth in the recycled product. We suggest performing periodic organic content testing of the generated material. If the organic content of the generated product exceeds three percent, we suggest placing the material in a separate stockpile for use under future pavements, sidewalks, and landscaping.

Final Grading Scheme

We understand that the existing contract requires the site to be brought to grade shown on the *Theoretical Site Plan (Layout 3)* dated January 8, 2009. We understand from Joe that this plan is very conceptual. Developing 'shovel-ready' building pads is not part of this contract.

With this in mind, we reviewed several approaches to the final site configuration. It was determined that the best approach would be to shape the site to drain, minimizing the amount of imported material and site grading that would be performed as part of this contract. To this end, we offer the following specific recommendations:

- Complete the building demolition work required under the contract, removing the in-place foundations and floor slabs from the existing building areas.
- Install sumps as needed to depress the water that is accumulating in the existing excavations.
- Pull back out of the excavation un-compacted soil that has been placed in the excavation for safety considerations.



**Foundation
Design, P.C.**

SOIL • BEDROCK • GROUNDWATER

LaBella Associates, P.C.

July 28, 2010

Page 3

- Place a 12 to 18-inch lift of compacted recycled concrete (4 to 6-inch size material currently being prepared for the crushing operation) in the bottom of the basement areas. This concrete layer will be a well defined break in the future as to where the bottom of the demolition work was located.
- Cover the cobble layer using imported Select Granular Fill or recycled aggregate from the stockpile. Placing this material in a compacted 12-inch thick lift. The intent is to shake/vibrate this material into the void that may exist in the underlying concrete layer.
- Use the on-site earth to form swales and establish site drainage. We understand that LaBella Associates will be developing an interim grading plan for the contractor's use. The intent is to blend the side slopes into the existing surface grades, allowing water to flow primarily to the north, then to existing ditches along the eastern property line.
- The earth fill used to form the swales would be placed in 12-inch lifts and compacted to 95 percent of Modified Proctor as required by the contract documents. LaBella Associates will need to have a couple representative proctor samples of the on-site soils picked up. We are available to consult with your staff during the backfilling operations if issues arise in achieving the contract required compaction standard.
- Leave the recycled material generated in a stockpile for use during future development of the parcel.

This concludes our thoughts. Let us know when you proceed with the backfilling operations and we will make periodic site visits to observe the work.

Very truly yours,

FOUNDATION DESIGN, P.C.

Jeffrey D. Netzband, P.E.
Vice President

FOUNDATION DESIGN, P.C.**335 Colfax Street
Rochester, New York 14606-3107**

PHONE (585) 458-0824

FAX (585) 458-3323

Date:
8-16-10Job No:
3446.0Report No:
1Project:
Photech Imaging Site, 1000 Driving Park AveContractor:
ERSTOwner:
City of RochesterWeather:
SunnyTemp: ° AM
80's° 3:00 PM

TO:

LaBella Associates, P.C.
300 State Street
Suite 201
Rochester, New York 14614
Attn: Mr. Dennis PorterPresent at Site:
Evan - LaBella Assoc
Joe Biondolillo - City of Rochester
Jay Goggin - Foundation Design
Tim Magill - LeChase
Burt -ERSI

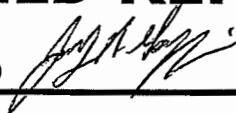
THE FOLLOWING WAS NOTED:

1. I was on site to sample recycled concrete being generated on site. I sampled the stock pile and delivered the sample to CME Assoc. for a proctor test.
2. While on site Joe and I reviewed the crushing operation. Joe expressed a concern about organics in the crushed concrete pile. Joe informed me that during crushing on Friday, it looked as if the contractor was mixing topsoil with the concrete during the crushing operation. I did observe some soils being mixed with the concrete while I was on site. The soil looked like the soil sampled for a proctor sample earlier in the month. I reviewed with Joe that if the soil being mixed with the concrete is not organic/topsoil, a small amount by volume would not be detrimental to the recycled material. Joe informed me that a sample was of the recycled concrete was sent to Paradigm for organic testing.

COPIES TO:

FIELD REPORT

SIGNED



FOUNDATION DESIGN, P.C.**335 Colfax Street
Rochester, New York 14606-3107**

PHONE (585) 458-0824

FAX (585) 458-3323

Date:
8-18-10Job No:
3446.0Report No:
2Project:
Photech Imaging Site, 1000 Driving Park AveContractor:
ERSTOwner:
City of RochesterWeather:
CloudyTemp: 73° 9:00AM
° PM

TO:

LaBella Associates, P.C.
300 State Street
Suite 201
Rochester, New York 14614
Attn: Mr. Dennis Porter

Present at Site:

Evan – LaBella Assoc
Jay Goggin – Foundation Design
Burt -ERST

THE FOLLOWING WAS NOTED:


1. I was on site to sample recycled concrete being generated on site for organic testing. I sampled the stock pile of material generated this morning and took two samples of the soil mixed in the concrete still to be crushed. I delivered the samples to CME Assoc. for testing.
2. Evan and I reviewed the soil being mixed in with the concrete during the crushing operation and that it should be limited. Evan informed me that he will be keeping a closer watch on the crushing operation now that the organic testing from Paradigm has been received and that several of the test results exceed the three percent organic (by weight) limit.

COPIES TO:

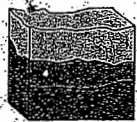
FIELD REPORT

SIGNED



FOUNDATION DESIGN, P.C. 335 Colfax Street Rochester, New York 14606-3107 PHONE (585) 458-0824 FAX (585) 458-3323	Date: 8-19-10	Job No: 3446.0	Report No: 3
	Project: Photech Imaging Site, 1000 Driving Park Ave		
	Contractor: ERST	Owner: City of Rochester	
	Weather: Cloudy	Temp: ° AM 82° 2:30 PM	
TO: LaBella Associates, P.C. 300 State Street Suite 201 Rochester, New York 14614 Attn: Mr. Dennis Porter	Present at Site: Evan – LaBella Assoc Jay Goggin – Foundation Design Tim Magill – LeChase		
THE FOLLOWING WAS NOTED: 1. I was on site to sample recycled concrete being generated on site for organic testing. I sampled the stock pile of material being generated while I was on site. Samples were delivered to CME Assoc. for testing.			
COPIES TO:	FIELD REPORT SIGNED 		





Foundation Design, P.C.

SOIL • BEDROCK • GROUNDWATER

August 18, 2010

LaBella Associates, P.C.
300 State Street, Suite 201
Rochester, New York 14614

Attention: Mr. Dennis Porter

Reference Photech Imaging Corporation Site
Recycled Material – Organic Content, 3446.0

Dear Mr. Porter:

This letter reiterates our concerns with the continuing concrete crushing operations. In our July 27, 2010 letter, we expressed concerns about the amount of topsoil that was being mixed with the recycled concrete. We also outlined measures to limit this contamination.

We have reviewed the initial laboratory testing (enclosed) performed to check the organic content of the material generated. The testing indicates that the material generated on Friday, August 13 contained 2.47 to 5.89 percent organic matter. This exceeds the three percent amount that we outlined; we understand that the material has been intermixed with the 'cleaner' recycled product.

We are in the process of taking additional samples to cross check these initial values. Some were dropped off on Monday; others are being taken to the CME Associates for testing today. It is critical that the amount of topsoil run through the crusher be limited as much as possible by the contractor. We suggest testing material regularly (daily) until this issue is resolved.

This concludes our thoughts. Forward the new test result values when they become available.

Very truly yours,

FOUNDATION DESIGN, P.C.

Jeffrey D. Netzband, P.E.
Vice President
Enc.

Total Solids / Total Volatile Solids Analysis Report

Client: LaBella Associates, P.C.

Client Job Site: Photech
Rochester, NY
Client Job Number: 209288

Lab Project Number: 10-3321

Date Sampled: 08/13/2010
Date Received: 08/13/2010
Date Analyzed: 08/16/2010

Sample Type: Solid


Lab Sample Number	Field Number	Field Location	Result (%TS)	Result (%TVS)
10910	N/A	Photech-NW	91.88	3.17
10911	N/A	Photech-SW	93.97	2.47
10912	N/A	Photech-NE	93.98	5.89
10913	N/A	Photech-SE	94.64	3.75

ELAP Number 10958

Method: SM18 2540G

Comments:

Signature:


Bruce Hoogesteger: Technical Director

CHAIN OF CUSTODY

REPORT TO:		INVOICE TO:	
COMPANY:	LaBella Associates P.C.	COMPANY:	Same
ADDRESS:	300 State Street	ADDRESS:	
CITY:	Rochester	CITY:	
STATE:	NY	STATE:	
ZIP:	14614	ZIP:	
PHONE:	(585) 295-6205	PHONE:	
FAX:		FAX:	
ATTN:	Dennis Porter	ATTN:	
COMMENTS:	Have email results to Porter@labellaPC.com		

PROJECT NAME/SITE NAME:	DATE	TIME	COMPOSITE	GRAAB	SAMPLE LOCATION/FIELD ID	MATRIX	CONTAINER	REMARKS	PARADIGM LAB SAMPLE NUMBER
Photech Rochester, NY									
	18/12/10	1400	X		Photech-NW	Soil	1	X	Do TS/TVS per
	2	1410	X		Photech-SW	Soil	1	X	M. Shannon 8/13
	3	1420	X		Photech-NE	Soil	1	X	as per client.
	4	1430	X		Photech-SE	Soil	1	X	EAH 8/13
	5								
	6								
	7								
	8								
	9								
	10								

LAB USE ONLY BELOW THIS LINE

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter		NELAC Compliance	
Container Type:	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	Preservation:	Y <input type="checkbox"/> N <input type="checkbox"/>
Holding Time:	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	Temperature:	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>

Comments: 26°C

Comments: N/A

Comments: 8/13/10 1549

Comments: 8/13/10 1700

Sampled By: Ever R. Dunne Date/Time: 8/13/10/1400

Relinquished By: Ed Porter Date/Time: 8/13/10/1548

Received By: Kathryn Dunne Date/Time: 8/13/10 1549

Received @ Lab By: Elizabeth A. Honch Date/Time: 8/13/10 1700

Total Cost:

P.I.F.

FOUNDATION DESIGN, P.C.**335 Colfax Street
Rochester, New York 14606-3107**PHONE (585) 458-0824
FAX (585) 458-3323Date:
9-9-10Job No:
3446.0Report No:
4Project:
Photech Imaging Site, 1000 Driving Park AveContractor:
ERSI USAOwner:
City of RochesterWeather:
SunnyTemp: 60's° 9:00AM
70's° 3:30 PM

TO:

LaBella Associates, P.C.
300 State Street
Suite 201
Rochester, New York 14614
Attn: Mr. Dennis Porter

Present at Site:

Evan - LaBella Assoc
Jay Goggin - Foundation Design
Tim Magill - LeChase
Burt - ERSI

THE FOLLOWING WAS NOTED:

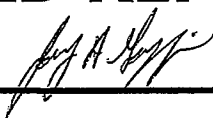
1. I was on site to observe the deep tunnel removal between buildings 11 and 7. ERSI was breaking up and removing the tunnel walls prior to my arrival on site. Soil had been excavated yesterday in preparation for the tunnel removal.
2. I was informed by Tim that the water in the tunnel trench is a mixture of both ground water and water that was in the tunnel. He informed me that ERSI had not pumped water from the tunnel prior to starting removal and the tunnel had 5' water in it.
3. ERSI was having difficulty breaking up the walls and in-place footing for the tunnel due to several factors.
 - The side banks were sloughing from the weight of the excavator.
 - The footing was bonded to the bedrock.
 - Water made seeing what need to be removed difficult.
 - Rebar in the walls are imbedded in the footing.
4. ERSI attempted to continue removal by benching the excavator down on the north side of the trench. This did not help. They also attempted to pump the water out of the tunnel trench into the frack tank, the pump did not operate well and the frack tank did not have sufficient capacity for the water. They have abandoned this operation until the frac tank is emptied. Tim recommended that the might need an additional frack tank to facilitate completing demolition of the tunnel.
5. I am scheduled to stop by the site in the morning to see if ERSI will start earthwork.

COPIES TO:

FIELD REPORT

SIGNED



FOUNDATION DESIGN, P.C. 335 Colfax Street Rochester, New York 14606-3107 PHONE (585) 458-0824 FAX (585) 458-3323	Date: 9-10-10	Job No: 3446.0	Report No: 5
	Project: Phototech Imaging Site, 1000 Driving Park Ave		
	Contractor: ERSI USA	Owner: City of Rochester	
	Weather: Sunny	Temp: 60's° 7:00AM ° PM	
TO: LaBella Associates, P.C. 300 State Street Suite 201 Rochester, New York 14614 Attn: Mr. Dennis Porter	Present at Site: Evan – LaBella Assoc Jay Goggin – Foundation Design Tim Magill – LeChase Tim - ERSI		
THE FOLLOWING WAS NOTED: 1. I was on site to see if ERSI was starting earthwork as planned. I was informed that ERSI would not be starting earthwork today. I am scheduled to be onsite Monday to observe earthwork.			
COPIES TO:	FIELD REPORT SIGNED 		



FOUNDATION DESIGN, P.C.**335 Colfax Street
Rochester, New York 14606-3107**

PHONE (585) 458-0824

FAX (585) 458-3323

Date:
9-13-10Job No:
3446.0Report No:
6Project:
Photech Imaging Site, 1000 Driving Park AveContractor:
ERSI USAOwner:
City of RochesterWeather:
SunnyTemp: 55° 7:00AM
70° 3:00PM

TO:

LaBella Associates, P.C.
300 State Street
Suite 201
Rochester, New York 14614
Attn: Mr. Dennis Porter

Present at Site:

Mike - LaBella Assoc
Jay Goggin - Foundation Design
Tim Magill - LeChase
Tim Niedzwiecki, Wayne - ERSI

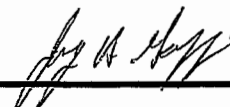
THE FOLLOWING WAS NOTED:

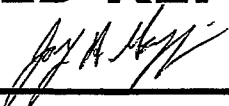
1. I was on site to observe earthwork.
2. ERSI worked Saturday to cut the banks back and level the excavation in buildings 11, 16, 17, and the portion of 7 north of the deep utility. Soils in these buildings were not seal rolled as no roller was on site Saturday. Rain Sunday had saturated the surface soils in these buildings.
3. ERSI removed standing water and cut/removed soft soil from buildings 16 and 17 late in the morning.
4. I observed proof rolling of the subgrade under a small roller after lunch and observed two areas one in each building that pumped and rutted. Both of these areas are estimated to be near finished grade with in the swales.
5. It was determined that the soft area in building 16 would have cobble sized concrete placed to stabilize the area so fill placement could start in the morning. ERSI started to place the cobble sized concrete to bridge the soft spot to allow for fill placement in the morning. They did not stop placement during a heavy thunder storm containing hail. Working in the rain turned the area approved for fill placement to wet sloppy mud.
6. ERSI had to be informed that they were destroying the subgrade before they stopped work in building 16. The area will need to be fixed in the morning.

COPIES TO:

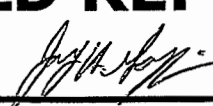
FIELD REPORT

SIGNED




FOUNDATION DESIGN, P.C. 335 Colfax Street Rochester, New York 14606-3107 PHONE (585) 458-0824 FAX (585) 458-3323	Date: 9-14-10	Job No: 3446.0	Report No: 7
	Project: Photech Imaging Site, 1000 Driving Park Ave		
	Contractor: ERSI USA	Owner: City of Rochester	
	Weather: Sunny	Temp: 50° 7:00AM 65° 3:00PM	
TO: LaBella Associates, P.C. 300 State Street Suite 201 Rochester, New York 14614 Attn: Mr. Dennis Porter	Present at Site: Mike, Dennis – LaBella Assoc Jay Goggin, Jeff Netzbund – Foundation Design Tim Magill – LeChase Tim Niedzwiecki, Wayne - ERSI		
<p>THE FOLLOWING WAS NOTED:</p> <ol style="list-style-type: none"> 1. I was on site to observe earthwork. ERSI started to remove standing water from building 17 and clean up the area disturbed yesterday inof building 16 before Tim with ERSI determined that he was not going to continue to clean up the buildings but would wait for them to air dry. 2. I remained on site for the weekly job meeting. During the job meeting it was determined that ERSI would be allowed to place imported material from Elam Sand and Gravel to a depth of 30" were needed in buildings 7, 16, and 17. The original thought for the start of fill placement was to use 18" of cobble size concrete to bridge soft soil that were encountered in these buildings during demolition. The native subgrade has improved with time eliminating the need for the bridging material. 3. ERSI cleaned up the saturated subgrade in buildings 7, 16, and 17. I observed the 12-ton roller under vibration for several passes to verify that the existing subgrade would perform under truck traffic and compactive effort during import operation. Except for the soft area that ERSI started cobble placement in yesterday I observed little to no visible movement. 4. ERSI completed placing approximately 24" of cobble sized concrete in building 16, hand cleaning/removing rebar and visible trash. The bridging material was compacted by both tracking it into the soft zone and compactive effort with the vibratory roller. The area still has visible deflection but should hold up under construction traffic. 5. ERSI will start to import material in the morning. 			
COPIES TO:	<div style="text-align: center;"> FIELD REPORT SIGNED  </div>		


104

FOUNDATION DESIGN, P.C. 335 Colfax Street Rochester, New York 14606-3107 PHONE (585) 458-0824 FAX (585) 458-3323	Date: 9-15-10	Job No: 3446.0	Report No: 8
	Project: Photech Imaging Site, 1000 Driving Park Ave		
	Contractor: ERSI USA	Owner: City of Rochester	
	Weather: Sun and clouds	Temp: 45° 7:00AM 65° 4:00PM	
TO: LaBella Associates, P.C. 300 State Street Suite 201 Rochester, New York 14614 Attn: Mr. Dennis Porter	Present at Site: Mike, Dennis – LaBella Assoc Jay Goggin– Foundation Design Tim Magill – LeChase Wayne, Burt- ERSI Peter - CME		
<p>THE FOLLOWING WAS NOTED:</p> <ol style="list-style-type: none"> 1. I was on site to observe earthwork. ERSI started importing material from Elam Sand and Gravel this morning. Fill was imported utilizing 5 dump truck and pup trailers. 2. Imported fill was placed from north to south in building 16. ERSI completed 2 lifts of material in buildings 11 and 16 today, 25 loads of import. CME conducted in-place density test as fill placement progressed. Density testing indicated that compaction requirement were achieved, 95% compaction with in 2% of optimum moisture content as determined by laboratory proctor test. 3. ERSI is planning to try to place some of the on site soil in the connector tunnel between building 11 and 2 tomorrow morning. They do not plan to continue import due to heavy rain forecasted tomorrow. 4. I recommended to ERSI that they shape and seal piles of on site material that can be accessed with the bulldozer and roller to prevent additional moisture/soaking from additional rain. Other piles should be covered with poly. They said they would follow this recommendation. 			
COPIES TO:	FIELD REPORT SIGNED 		

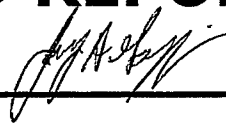
7134

FOUNDATION DESIGN, P.C. 335 Colfax Street Rochester, New York 14606-3107 PHONE (585) 458-0824 FAX (585) 458-3323	Date: 9-16-10	Job No: 3446.0	Report No: 9
	Project: Photech Imaging Site, 1000 Driving Park Ave		
	Contractor: ERSI USA	Owner: City of Rochester	
	Weather: Clouds Rain	Temp: 60° 7:30AM ° PM	
TO: LaBella Associates, P.C. 300 State Street Suite 201 Rochester, New York 14614 Attn: Mr. Dennis Porter	Present at Site: Mike Pelychaty – LaBella Assoc Jay Goggin– Foundation Design Tim Magill – LeChase Wayne, Burt- ERSI Peter - CME		
<p>THE FOLLOWING WAS NOTED:</p> <ol style="list-style-type: none"> 1. I was on site to observe earthwork. 2. ERSI had placed a lift of on-site soil material in the connector tunnel between buildings 11 and 2 after I left the site yesterday. CME took in-place density test on the on site fill material placed yesterday. In-place density testing indicated 89% compaction 4% above optimum moisture content. I informed ERSI that the material would need to dry before compaction would be achieved. 3. ERSI informed me that all of the onsite material was wet and asked my opinion as to how they would be able to place and compact it. Tim M. and I informed them that the material would likely need to be spread to dry and the piles fluffed weather permitting. They decided that they did not want to handle the material twice, or more, and placed a lift on the south end of building 11/16 to dry it in place. I recommended that the material not be placed at this time because they could continue to import an additional lift of material (the approved 30-inch lift had not been completed) weather permitting at a later date. 4. ERSI requested that CME take density test on the lift of material they placed in building 11/16 this morning. Results were consistent with density testing in the tunnel above. 5. ERSI leveled/shaped sealed some of the accessible stockpiles of on site material before it started raining at about 10a.m. (as forecasted). They were covering other piles with poly when I left the site. 			
COPIES TO:		FIELD REPORT SIGNED 	

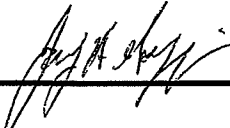


FOUNDATION DESIGN, P.C. 335 Colfax Street Rochester, New York 14606-3107 PHONE (585) 458-0824 FAX (585) 458-3323	Date: 9-18-10	Job No: 3446.0	Report No: 11
	Project: Photech Imaging Site, 1000 Driving Park Ave		
	Contractor: ERSI	Owner: City of Rochester	
	Weather: Sunny	Temp: 55° 7:30 AM ° PM	
TO: LaBella Associates, P.C. 300 State Street Suite 201 Rochester, New York 14614 Attn: Mr. Dennis Porter	Present at Site: Mike – LaBella Assoc Jay Goggin – Foundation Design Tim Magill – LeChase Wayne, Burt -ERSI		
THE FOLLOWING WAS NOTED: 1. I was on site to observe earthwork operations. When I arrived on site ERSI had not started to remove water that had accumulated from rain on Thursday. ERSI informed me that if they attempted to place material, it would be in a limited area south of the soft area that was stabilized with cobble size concrete in building 11 & 16. They also stated that they would work on drying up standing water, but their main focus would be on crushing. I left the site for the day.			
COPIES TO:	FIELD REPORT SIGNED 		

TM

FOUNDATION DESIGN, P.C. 335 Colfax Street Rochester, New York 14606-3107 PHONE (585) 458-0824 FAX (585) 458-3323	Date: 9-20-10	Job No: 3446.0	Report No: 12
	Project: Photech Imaging Site, 1000 Driving Park Ave		
	Contractor: ERSI	Owner: City of Rochester	
	Weather: Sunny	Temp: 55° 7:30 AM 68° 4:30 PM	
TO: LaBella Associates, P.C. 300 State Street Suite 201 Rochester, New York 14614 Attn: Mr. Dennis Porter	Present at Site: Mike – LaBella Assoc Jay Goggin – Foundation Design Tim Magill – LeChase Wayne, Burt –ERSI Pete - CME		
<p>THE FOLLOWING WAS NOTED:</p> <ol style="list-style-type: none"> 1. I was on to observe earthwork operations. The site was in the same condition it was on Saturday morning. 2. ERSI started to import material from Elam Sand and Gravel for fill placement in buildings No.2, 7, 3, 4, and 5. They had to build a ramp through building No.1 to bridge soft soils for access to building No.2. 3. The imported material was placed in lifts and compacted as it was imported. CME conducted in-place density test on the material as it was placed. In-place density test indicated that the required 95% compaction within 2% of optimum moisture was achieved on the imported material. 4. ERSI opened up the on site soil lift that was placed on Friday, 9-17-10, to aerate and aid in drying as recommended. Late in the day the material was re-compacted and CME took in-place density test. In-place testing indicated that the material achieved 93 to 94% compaction with 11% moisture. Additional compactive effort did not increase the in-place density. 5. Joe Biondolillo was on site at this time I reviewed with him that the soil fill placed was stable and is about 3% above optimum moisture. I inquired if it would be acceptable to allow slightly less than 95% compaction if the material is stable, but with in a reasonable moisture content. He informed me that provided that the material was stable, it would be acceptable. 6. I informed ERSI that the lift placed in building 11/16 was acceptable and they could place additional material to start drying. They started to place an additional lift from the stockpiled material at the south end of building 11. 			
COPIES TO:		<div style="text-align: center;"> FIELD REPORT SIGNED  </div>	

(10)

FOUNDATION DESIGN, P.C. 335 Colfax Street Rochester, New York 14606-3107 PHONE (585) 458-0824 FAX (585) 458-3323	Date: 9-21-10	Job No: 3446.0	Report No: 13
	Project: Photech Imaging Site, 1000 Driving Park Ave		
	Contractor: ERSI	Owner: City of Rochester	
	Weather: Sunny	Temp: 55° 7:30 AM 72° 5:00 PM	
TO: LaBella Associates, P.C. 300 State Street Suite 201 Rochester, New York 14614 Attn: Mr. Dennis Porter	Present at Site: Mike – LaBella Assoc Jay Goggin – Foundation Design Tim Magill – LeChase Tim, Wayne, Burt –ERSI Pete - CME		
<p>THE FOLLOWING WAS NOTED:</p> <ol style="list-style-type: none"> 1. I was on to observe earthwork operations. 2. ERSI continued to place imported material in the same buildings as yesterday. CME conducted in-place density test as material was placed and compacted. Density testing indicated that the material was achieving compaction requirements, 95% with in 2% of optimum moisture contenet. 3. ERSI pumped water accumulated in utility tunnel into the additional frac tank. They excavated the soft saturated material generated during demolition working from east to west. The material was stockpiled on the western half of the utility tunnel for removal at a later date. They also removed the remaining tunnel walls and a portion of the floor slab on the eastern half of the tunnel. 4. ERSI started to place re-cycled concrete in the eastern half of the tunnel this afternoon. I recommended that they place and initial 18" lift to aid in bridging undisturbed soft in-place soils. Ground water was controlled. They followed this recommendation. In place density test indicated 92 to 94% compaction about 2% dry of optimum. In-place density's did not increase with additional compactive effort. I approved the lift of material as acceptable for additional fill placement, but informed ERSI that compaction requirement would have to be achieved on subsequent lifts. They place an additional lift of material that will be tested tomorrow. 5. ERSI worked on shaping some of the stockpile earth and seal rolling them in anticipation of forecasted rain tomorrow. I recommended that the site be seal rolled where disturbed in fill areas and other piles be recovered with poly. They were following these recommendations when I left the site. 			
COPIES TO:		FIELD REPORT SIGNED 	



FOUNDATION DESIGN, P.C.**335 Colfax Street
Rochester, New York 14606-3107**

PHONE (585) 458-0824

FAX (585) 458-3323

Date:
9-22-10Job No:
3446.0Report No:
14Project:
Photech Imaging Site, 1000 Driving Park AveContractor:
ERSIOwner:
City of RochesterWeather:
RainTemp: 60° 7:30 AM
70° 4:00 PM

TO:

LaBella Associates, P.C.
300 State Street
Suite 201
Rochester, New York 14614
Attn: Mr. Dennis PorterPresent at Site:
Mike – LaBella Assoc
Jay Goggin – Foundation Design
Tim Magill – LeChase
Wayne, Burt –ERSI
Pete - CME

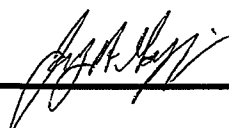
THE FOLLOWING WAS NOTED:


1. I was on to observe earthwork operations.
2. ERSI worked on removing the saturated self leveling soils from the utility tunnel. I recommended that they remove only enough of the saturated material to allow them to continue pulling additional tunnel walls and any of the tunnel floor that came with them. I recommended working small sections and continue filling from east to west. Wayne informed me that ERSI would be removing all of the remaining saturated soil and tunnel before continuing to fill the tunnel.
3. At about 1:30, the excavator thru its track in the tunnel excavation. The shut down removal work while it was repaired. The track was back on the excavator at about 3:30 and ERSI shut operations down for the day.
4. Ground water was rising and ERSI does not have a place to pump the water. The two frac tanks on site are full and waiting for test result before they can be emptied.
5. Testing and the lift of recycled material placed in the eastern half of the tunnel indicated that compaction requirements were achieved. ERSI asked about placing an additional lift over this material. I reminded them that they have only been approved to use 700cy of the recycled material and that the excavation is deeper on the west end of the tunnel. I recommended that they fill the west half of the tunnel, even with the east, before placing additional material on the east end. They agreed with this recommendation.

COPIES TO:

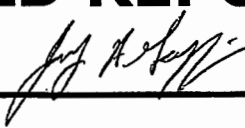
FIELD REPORT

SIGNED




FOUNDATION DESIGN, P.C. 335 Colfax Street Rochester, New York 14606-3107 PHONE (585) 458-0824 FAX (585) 458-3323	Date: 9-23-10	Job No: 3446.0	Report No: 15
	Project: Photech Imaging Site, 1000 Driving Park Ave		
	Contractor: ERSI	Owner: City of Rochester	
	Weather: Sunny	Temp: 60° 7:30 AM 70° 4:00 PM	
TO: LaBella Associates, P.C. 300 State Street Suite 201 Rochester, New York 14614 Attn: Mr. Dennis Porter	Present at Site: Mike – LaBella Assoc Jay Goggin – Foundation Design Tim Magill – LeChase Wayne, Burt –ERSI Pete - CME		
<p>THE FOLLOWING WAS NOTED:</p> <ol style="list-style-type: none"> 1. I was on to observe earthwork operations. 2. ERSI continued to removal of the soft saturated self leveling soil from the tunnel along with the remaining floor slab that came up during this process. The frac tank was approved for draining this morning, ERSI was draining the tank as they removed the saturated soils I recommended again that this area should be worked in small sections to aid in water control. ERSI informed me that they still plan to fill in mass the west half of the tunnel. 3. Late this afternoon ERSI started to attempt to pump water from the utility tunnel and place material from west to east. The water was not well controlled during placement of the recycled concrete crushed on site. Approximately half of the material placed at the western end pumped and had water seepage up thru the recycled concrete. ERSI removed the saturated material and cast it to the top of the banks. I reminded them that they have only been approved to use 700cy of the recycled concrete and that the material saturated due to their means and methods counted as part of that 700cy. They stated that they did not know how they could salvage the saturated material. I recommended that it be mixed with the dry material they place in the tunnel tomorrow. 4. ERSI placed on site soil in the swales and in building 2. The material was aerated to aid in drying and picking trash. Material was tested for compaction as it dried. When in-place density testing indicated that compaction requirements were achieved additional material was placed. 			
COPIES TO:		FIELD REPORT SIGNED 	



FOUNDATION DESIGN, P.C. 335 Colfax Street Rochester, New York 14606-3107 PHONE (585) 458-0824 FAX (585) 458-3323	Date: 9-24-10	Job No: 3446.0	Report No: 16
	Project: Photech Imaging Site, 1000 Driving Park Ave		
	Contractor: ERSI	Owner: City of Rochester	
	Weather: Sunny windy	Temp: 65° 7:30 AM 88° 4:00 PM	
TO: LaBella Associates, P.C. 300 State Street Suite 201 Rochester, New York 14614 Attn: Mr. Dennis Porter	Present at Site: Mike – LaBella Assoc Jay Goggin – Foundation Design Tim Magill – LeChase Wayne, Burt –ERSI Pete - CME		
THE FOLLOWING WAS NOTED: 1. I was on to observe earthwork operations. 2. ERSI spent the majority of the day remediating the west end of the utility tunnel because they did not have the ground water controlled during initial placement of recycled concrete yesterday. The saturated recycled material was mixed with dry material and placed working from west to east. The material was tested for compaction during placement. 3. ERSI continued to place and dry material in the swales and building 2. As areas dried they were tested for compaction.			
COPIES TO:	FIELD REPORT SIGNED 		

704

FOUNDATION DESIGN, P.C. 335 Colfax Street Rochester, New York 14606-3107 PHONE (585) 458-0824 FAX (585) 458-3323	Date: 9-25-10	Job No: 3446.0	Report No: 17
	Project: Photech Imaging Site, 1000 Driving Park Ave		
	Contractor: ERSI	Owner: City of Rochester	
	Weather: Cloudy windy	Temp: 60° 7:30 AM 65° 3:00 PM	
TO: LaBella Associates, P.C. 300 State Street Suite 201 Rochester, New York 14614 Attn: Mr. Dennis Porter	Present at Site: Mike – LaBella Assoc Jay Goggin – Foundation Design Tim Magill – LeChase Wayne, Burt –ERSI Pete - CME		
<p>THE FOLLOWING WAS NOTED:</p> <ol style="list-style-type: none"> 1. I was on to observe earthwork operations. 2. ERSI continued to place recycled material in the utility tunnel today. In-place density testing indicated that compaction requirements were being achieved, 95% compaction with in 2% of optimum moisture. They had placed about 800cy of recycled in the tunnel at the end of the day. Joe Biondolillo was on site and approved the placement of the additional recycled concrete this afternoon. 3. ERSI started to cut and place material from building 13 footprint this morning. I informed them that care should be taken as during cutting building 13 to grade because to is the break point of the driveway swale and the west swale, building 11 & 16. They interrupted this as they were being told not to make these cuts. I informed them that they could grade the area but if they remove too much material it would need to be replaced during grading to allow for proper drainage of the site to the north. 4. ERSI continued to place additional site material for other areas of the site in the east and west swales as well as building 2. The material was wet and required drying to achieve compaction. ERSI decided that they would leave the soils placed unsealed for the weekend. 			
COPIES TO:		FIELD REPORT SIGNED 	



FOUNDATION DESIGN, P.C.**335 Colfax Street
Rochester, New York 14606-3107**

PHONE (585) 458-0824

FAX (585) 458-3323

Date:
9-27-10Job No:
3446.0Report No:
18Project:
Photech Imaging Site, 1000 Driving Park AveContractor:
ERSIOwner:
City of RochesterWeather:
Clouds, sun, windTemp: 60° 7:30 AM
77° 3:30 PM

TO:

LaBella Associates, P.C.
300 State Street
Suite 201
Rochester, New York 14614
Attn: Mr. Dennis PorterPresent at Site:
Mike – LaBella Assoc
Jay Goggin – Foundation Design
Tim Magill – LeChase
Wayne, Burt –ERSI
Pete - CME

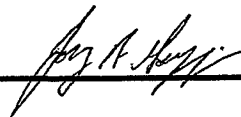
THE FOLLOWING WAS NOTED:

1. I was on to observe earthwork operations.
2. ERSI was informed that it has been approved to bring the utility tunnel to grade with recycled concrete from the west pile. ERSI continued to place recycled material in the utility tunnel today. In-place density testing indicated that compaction requirements were being achieved, 95% compaction with in 2% of optimum moisture.
3. ERSI graded and compacted material placed on Saturday, 9-25-10. In-place density testing indicated that the material placed achieved compaction requirements. They placed an additional lift of material in the west swale, from the cuts at building 13, and applied compactive effort to seal the material. CME took density test to see if any of the material placed this morning achieved compaction requirement before it started to rain at about 10:00a.m.

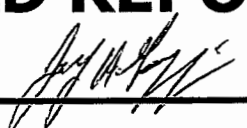
COPIES TO:

FIELD REPORT

SIGNED



JOG

FOUNDATION DESIGN, P.C. 335 Colfax Street Rochester, New York 14606-3107 PHONE (585) 458-0824 FAX (585) 458-3323	Date: 9-28-10	Job No: 3446.0	Report No: 19
	Project: Photech Imaging Site, 1000 Driving Park Ave		
	Contractor: ERSI	Owner: City of Rochester	
	Weather: Partly Cloudy	Temp: 60° 7:30 AM 75° 3:30 PM	
TO: LaBella Associates, P.C. 300 State Street Suite 201 Rochester, New York 14614 Attn: Mr. Dennis Porter	Present at Site: Mike – LaBella Assoc Jay Goggin – Foundation Design Tim Magill – LeChase Wayne, Burt –ERSI Pete - CME		
THE FOLLOWING WAS NOTED: 1. I was on to observe earthwork operations. 2. ERSI continued to place recycled concrete in the utility tunnel between buildings 7 and 11 today. CME was on site and conducted in-place density test on the material as it was placed. Density testing indicated that compaction requirements were achieved. The utility tunnel is with in about 3' of final structural grade at this time, elevation 490. 3. ERSI started to place on site soils from around the site in the west side of building 1. The material being placed in this half of the building is wet with varying degrees of topsoil, and demolition debris. ERSI hand picked the fill as it was being placed to remove demolition debris. This half of building 1 is not being placed to structural standards as approved in the weekly job meeting; this half of the building 1 still requires soil remediation/removal. I am observing proof rolling of the material as it is being placed for general stability. I have observed rolling, pumping and weaving of the material. In my opinion, the material placed will be capable of supporting equipment for the next phase of the project as required.			
COPIES TO:		FIELD REPORT SIGNED 	



FOUNDATION DESIGN, P.C. 335 Colfax Street Rochester, New York 14606-3107 PHONE (585) 458-0824 FAX (585) 458-3323	Date: 9-29-10	Job No: 3446.0	Report No: 20
	Project: Photech Imaging Site, 1000 Driving Park Ave		
	Contractor: ERSI	Owner: City of Rochester	
	Weather: Partly Cloudy	Temp:	60° 7:30 AM 75° 3:30 PM
TO: LaBella Associates, P.C. 300 State Street Suite 201 Rochester, New York 14614 Attn: Mr. Dennis Porter		Present at Site: Mike – LaBella Assoc Jay Goggin – Foundation Design Tim Magill – LeChase Wayne, Burt –ERSI Pete - CME	

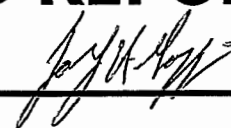
THE FOLLOWING WAS NOTED:


1. I was on to observe earthwork operations.
2. ERSI continued to place recycled concrete in the utility tunnel between buildings 7 and 11 today. CME was on site and conducted in-place density test on the material as it was placed. Density testing indicated that compaction requirements were achieved. The utility tunnel is at final structural grade 493.
3. ERSI continued to place on site soils from around the site in the west side of building 1. The material being placed in this half of the building is wet with varying degrees of topsoil, and demolition debris. ERSI hand picked the fill as it was being placed to remove demolition debris. This half of building 1 is not being placed to structural standards as approved in the weekly job meeting; this half of the building 1 still requires soil remediation/removal. I am observing proof rolling of the material as it is being placed for general stability. I have observed rolling, pumping and weaving of the material. In my opinion, the material placed will be capable of supporting equipment for the next phase of the project as required.
4. ERSI place recycled concrete in the east half of building 1 and in building 2 today. In-place density testing indicates that compaction requirements are being achieved.
5. ERSI started to place the dirty recycled concrete, high soil content with some topsoil mix into the material, in the east and west swales today to improve site drainage in anticipation of heavy rain forecasted for tomorrow.

COPIES TO:

FIELD REPORT

SIGNED




FOUNDATION DESIGN, P.C. 335 Colfax Street Rochester, New York 14606-3107 PHONE (585) 458-0824 FAX (585) 458-3323	Date: 9-30-10	Job No: 3446.0	Report No: 21
	Project: Photech Imaging Site, 1000 Driving Park Ave		
	Contractor: ERSI	Owner: City of Rochester	
	Weather: Rain	Temp: 60° 7:30 AM ° 3:30 PM	
TO: LaBella Associates, P.C. 300 State Street Suite 201 Rochester, New York 14614 Attn: Mr. Dennis Porter	Present at Site: Mike – LaBella Assoc Jay Goggin – Foundation Design Tim Magill – LeChase Wayne, Burt –ERSI Pete - CME		
THE FOLLOWING WAS NOTED: 1. I was on to observe earthwork operations. 2. ERSI concentrated efforts this morning on improving drainage. Recycled material was placed in buildings 1, 2, 7, 11, and 16 from the appropriate piles based on location. Due to rain starting this morning no in-place density testing was conducted, material placed today will be tested tomorrow.			
COPIES TO:	FIELD REPORT SIGNED 		



FOUNDATION DESIGN, P.C.**335 Colfax Street
Rochester, New York 14606-3107**

PHONE (585) 458-0824

FAX (585) 458-3323

Date:
10-1-10Job No:
3446.0Report No:
22Project:
Photech Imaging Site, 1000 Driving Park AveContractor:
ERSIOwner:
City of RochesterWeather:
RainTemp: 55° 7:30 AM
65° 3:30 PM

TO:

LaBella Associates, P.C.
300 State Street
Suite 201
Rochester, New York 14614
Attn: Mr. Dennis PorterPresent at Site:
Mike – LaBella Assoc
Jay Goggin – Foundation Design
Tim Magill – LeChase
Wayne, Burt –ERSI
Pete - CME

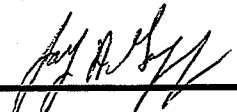
THE FOLLOWING WAS NOTED:

1. I was on to observe earthwork operations.
2. ERSI continued to bring the west side of building 1 to grade utilizing the wet onsite soils. I observed proof rolling of the material as it was being placed. The material in my opinion was acceptable in this non structural fill area. I did observe some rolling, rutting and pumping of the fill. Most of this material will be removed during the next phase of the project.
3. ERSI continued to place fill in the east half of building 1 after in-place density testing achieved compaction requirement on material placed yesterday.
4. At the end of the day materials placed in the swale as part of the final site drainage achieved compaction requirements.
5. ERSI determined at the end of the day that they will work tomorrow placing additional fill in the swales, a lift in the building 1, and general shaping of the site. It was determined that with the work scheduled neither CME or my self would need to be on site as areas filled could be checked on Monday.

COPIES TO:

FIELD REPORT

SIGNED



FOUNDATION DESIGN, P.C.**335 Colfax Street
Rochester, New York 14606-3107**

PHONE (585) 458-0824

FAX (585) 458-3323

Date:
10-4-10Job No:
3446.0Report No:
23Project:
Photech Imaging Site, 1000 Driving Park AveContractor:
ERSIOwner:
City of RochesterWeather:
CloudyTemp: 45° 7:30 AM
55° 3:30 PM

TO:

LaBella Associates, P.C.
300 State Street
Suite 201
Rochester, New York 14614
Attn: Mr. Dennis PorterPresent at Site:
Mike – LaBella Assoc
Jay Goggin – Foundation Design
Burt –ERSI
Pete - CME

THE FOLLOWING WAS NOTED:

1. I was on to observe earthwork operations.
2. ERSI completed rough grading of the west half of building 1 on Saturday, Mike with LaBella observed material being placed. He informed me that approximately the last two feet of material placed in this portion of building 1 was material from the dirty pile of recycled concrete.
3. ERSI continued to placed material in the east half of building 1 today after compaction requirements were achieved on the lift placed On Saturday. Material placed today was tested for in-place density requirements as it was placed and compacted. This half of building 1 still requires about 2.5 feet of fill on average to achieve the current drainage plan. ERSI has little of the clean recycled material remaining at this time. They will need to finish crushing operations before final grades can be achieved.

COPIES TO:

FIELD REPORT

SIGNED



FOUNDATION DESIGN, P.C.**335 Colfax Street
Rochester, New York 14606-3107**

PHONE (585) 458-0824

FAX (585) 458-3323

Date:
10-5-10Job No:
3446.0Report No:
24Project:
Photech Imaging Site, 1000 Driving Park AveContractor:
ERSIOwner:
City of RochesterWeather:
RainTemp: 50° 7:30 AM
50° 3:30 PM

TO:

LaBella Associates, P.C.
300 State Street
Suite 201
Rochester, New York 14614
Attn: Mr. Dennis Porter

Present at Site:

Mike – LaBella Assoc
Jay Goggin – Foundation Design
Tim, Burt – ERSI
Pete - CME

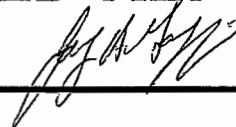
THE FOLLOWING WAS NOTED:

1. I was on to observe earthwork operations.
2. ERSI pumped water that accumulate overnight in low areas around the site in fill areas. Dry material was placed in these areas to aid in shedding water per the drainage plan. Material placed in the east half of building 1 will be tested for compaction after it has had a chance to dry, likely Monday 10-11-10.
3. At this week s job meeting it was determined that soils placed to finish grading the swales and north berm would not require compaction testing, in most areas less than 1 foot, and will be hydro seeded at the completion of grading.
4. ERSI worked on pumping water that has been ponding on the north end of the site to start the drying process in anticipation of fill placement next week. ERSI anticipates completion of site fills and grading by the end of next week, 10-15-10.

COPIES TO:

FIELD REPORT

SIGNED



FOUNDATION DESIGN, P.C. 335 Colfax Street Rochester, New York 14606-3107 PHONE (585) 458-0824 FAX (585) 458-3323	Date: 10-6-10	Job No: 3446.0	Report No: 25
	Project: Photech Imaging Site, 1000 Driving Park Ave		
	Contractor: ERSI	Owner: City of Rochester	
	Weather: Rain	Temp: 50°	7:30 AM 50° 3:30 PM
TO: LaBella Associates, P.C. 300 State Street Suite 201 Rochester, New York 14614 Attn: Mr. Dennis Porter	Present at Site: Mike – LaBella Assoc Jay Goggin – Foundation Design Burt –ERSI Pete - CME		

THE FOLLOWING WAS NOTED:

1. I was on to observe earthwork operations.
2. ERSI continued to pump water from the north end of the site most of the day. The major ponding at this time is confined to areas around the pile of material still to be crushed.
3. ERSI continued to place fill in the swale running thru building 16 and grading above elevation 493 over the utility tunnel running between building 11 and 7. ERSI used the remaining dirty recycled concrete that had been run thru the crusher at the end of the day. They also worked on shaping the sides of the swales to drain.
4. At this time the site will require time to dry from rain this week, about 1", and need to crush additional material to before fill placement can continue.

COPIES TO:	FIELD REPORT SIGNED 
------------	--

(Handwritten mark)

FOUNDATION DESIGN, P.C.**335 Colfax Street
Rochester, New York 14606-3107**

PHONE (585) 458-0824

FAX (585) 458-3323

Date:
10-8-10Job No:
3446.0Report No:
26Project:
Phototech Imaging Site, 1000 Driving Park AveContractor:
ERSIOwner:
City of RochesterWeather:
SunnyTemp: 45° 7:00 AM
70° 3:30 PM

TO:

LaBella Associates, P.C.
300 State Street
Suite 201
Rochester, New York 14614
Attn: Mr. Dennis PorterPresent at Site:
Mike – LaBella Assoc
Jay Goggin – Foundation Design
Burt –ERSI
Pete - CME

THE FOLLOWING WAS NOTED:

1. I was on site to observe earthwork operations.
2. ERSI worked on drying the site in general today. Material placed in building one on the east side where the clean crushed material had been placed Wednesday was tested for compaction at the end of the day. The material placed achieved compaction requirements at the end of the day. This is the final lift of material that will be tested for compaction at this time. Building one requires 6" to 12" of material to achieve final grades and will be used as a staging area for the next phase of the project.
3. After reviewing remaining fills for the swales and at the north end of the site with Dennis and Joe Bionddillo, it was determined that the remaining fills are largely final grades that will be hydroseeded and do not need to be placed to structural standards. The north end of the site (from building 12 to the north property line) is going to be filled with non-structural fill, the dirty recycled concrete or material imported from the Plymouth Ave site that contained topsoil.

COPIES TO:

FIELD REPORT

SIGNED



FOUNDATION DESIGN, P.C.**335 Colfax Street
Rochester, New York 14606-3107**

PHONE (585) 458-0824

FAX (585) 458-3323

Date:
10-11-10Job No:
3446.0Report No:
27Project:
Phototech Imaging Site, 1000 Driving Park AveContractor:
ERSIOwner:
City of RochesterWeather:
CloudyTemp: 45° 7:00 AM
60° 3:30 PM

TO:

LaBella Associates, P.C.
300 State Street
Suite 201
Rochester, New York 14614
Attn: Mr. Dennis PorterPresent at Site:
Mike – LaBella Assoc
Jay Goggin – Foundation Design
Burt –ERSI

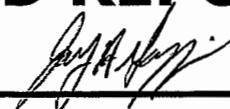
THE FOLLOWING WAS NOTED:

1. I was on site to observe earthwork operations.
2. ERSI worked on pulling building 12 floor slab and foundations. This concrete was being run thru the crusher as it was being generated. ERSI placed the clean material on the east half of building 1. Material placed in building 1 was compacted and proof rolled as it was placed.
3. ERSI worked on general grading thru out the day, smoothing out areas that had been disturbed during demolition. Areas were rolled and sealed as part of this work.

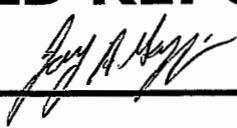
COPIES TO:

FIELD REPORT

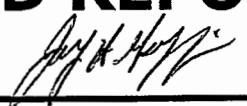
SIGNED



5104

FOUNDATION DESIGN, P.C. 335 Colfax Street Rochester, New York 14606-3107 PHONE (585) 458-0824 FAX (585) 458-3323	Date: 10-12-10	Job No: 3446.0	Report No: 28
	Project: Photech Imaging Site, 1000 Driving Park Ave		
	Contractor: ERSI	Owner: City of Rochester	
	Weather: Sun and Clouds	Temp: 40° 7:00 AM 55° 3:30 PM	
TO: LaBella Associates, P.C. 300 State Street Suite 201 Rochester, New York 14614 Attn: Mr. Dennis Porter	Present at Site: Mike – LaBella Assoc Jay Goggin – Foundation Design Burt –ERSI		
THE FOLLOWING WAS NOTED: <ol style="list-style-type: none"> 1. I was on site to observe earthwork operations. 2. ERSI worked on pulling building 12 floor slab and foundations. This concrete was being run thru the crusher as it was being generated. ERSI placed the clean material on the east half of building 1. Material placed in building 1 was compacted and proof rolled as it was placed. Building 1 is complete at this time as is crushing of clean concrete from building 12. 3. ERSI worked on general grading and fine grading the swales. String was pulled in the swales to check grade. The slabs are largely on grade except for the north ends. The north ends are being filled as material is generated from the crushing operations. 			
COPIES TO:	FIELD REPORT SIGNED 		



FOUNDATION DESIGN, P.C. 335 Colfax Street Rochester, New York 14606-3107 PHONE (585) 458-0824 FAX (585) 458-3323	Date: 10-13-10	Job No: 3446.0	Report No: 29
	Project: Photech Imaging Site, 1000 Driving Park Ave		
	Contractor: ERSI	Owner: City of Rochester	
	Weather: Sun and Clouds	Temp: 38° 7:00 AM 60° 3:30 PM	
TO: LaBella Associates, P.C. 300 State Street Suite 201 Rochester, New York 14614 Attn: Mr. Dennis Porter	Present at Site: Mike – LaBella Assoc Jay Goggin – Foundation Design Burt –ERSI		
THE FOLLOWING WAS NOTED: 1. I was on site to observe earthwork operations. 2. ERSI concentrated efforts on crushing the dirty non-structural concrete. This material is being placed in the north ends of the swales and in building 12 north to the property line. ERSI placed compactive effort with the smooth drum vibratory roller. For the most part, the material placed is stable. 3. The site is being shaped to drain in general accordance with the interim drainage plan.			
COPIES TO:	FIELD REPORT SIGNED 		



FOUNDATION DESIGN, P.C.**335 Colfax Street
Rochester, New York 14606-3107**

PHONE (585) 458-0824

FAX (585) 458-3323

Date:
10-14-10Job No:
3446.0Report No:
30Project:
Photech Imaging Site, 1000 Driving Park AveContractor:
ERSIOwner:
City of RochesterWeather:
CloudyTemp: 45° 7:00 AM
55° 3:30 PM

TO:

LaBella Associates, P.C.
300 State Street
Suite 201
Rochester, New York 14614
Attn: Mr. Dennis Porter

Present at Site:

Mike – LaBella Assoc
Jay Goggin – Foundation Design
Burt –ERSI

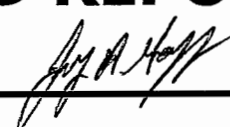
THE FOLLOWING WAS NOTED:

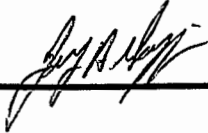
1. I was on site to observe earthwork operations.
2. ERSI concentrated efforts on crushing the dirty non-structural concrete. This material is being placed in the north ends of the swales and in building 12 north to the property line. ERSI placed compactive effort with the smooth drum vibratory roller. For the most part, the material placed is stable. Little material was placed today because the crusher belt was torn and they worked on patching the belt to continue crushing. Repairs made to the belt did not hold and ERSI is ordering a new belt that will not arrive until Monday, 10-18-10.
3. The site is being shaped to drain in general accordance with the interim drainage plan. ERSI is asking frequent question about the grading plan as the site nears final grade at different locations.

COPIES TO:

FIELD REPORT

SIGNED



FOUNDATION DESIGN, P.C. 335 Colfax Street Rochester, New York 14606-3107 PHONE (585) 458-0824 FAX (585) 458-3323	Date: 10-15-10	Job No: 3446.0	Report No: 31
	Project: Photech Imaging Site, 1000 Driving Park Ave		
	Contractor: ERSI	Owner: City of Rochester	
	Weather: Cloudy	Temp: 45° 7:00 AM 50° 12:30 PM	
TO: LaBella Associates, P.C. 300 State Street Suite 201 Rochester, New York 14614 Attn: Mr. Dennis Porter	Present at Site: Mike – LaBella Assoc Jay Goggin – Foundation Design Burt –ERSI		
THE FOLLOWING WAS NOTED: 1. I was on site to observe earthwork operations. 2. ERSI placed material stockpiled from Plymouth Ave at the north end of the site today. This material was going to be used after the remaining dirty concrete had been crushed. Joe Bionddillo approved its use at this time due to the crusher being down. 3. ERSI will likely use most of this soil by the end of the day unless rains forecasted start and shut down earthwork operations.			
COPIES TO:	FIELD REPORT SIGNED 		



FOUNDATION DESIGN, P.C.**335 Colfax Street
Rochester, New York 14606-3107**

PHONE (585) 458-0824

FAX (585) 458-3323

Date:
10-18-10Job No:
3446.0Report No:
32Project:
Photech Imaging Site, 1000 Driving Park AveContractor:
ERSIOwner:
City of RochesterWeather:
SunnyTemp: 40° 7:00 AM
55° 3:30 PM

TO:

LaBella Associates, P.C.
300 State Street
Suite 201
Rochester, New York 14614
Attn: Mr. Dennis PorterPresent at Site:
Mike – LaBella Assoc
Jay Goggin – Foundation Design
Burt –ERSI
Joe Biondolillo - City of Rochester

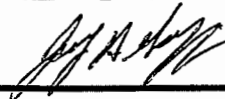
THE FOLLOWING WAS NOTED:


1. I was on site to observe earthwork operations.
2. ERSI replaced the crusher belt this morning and completed crushing operation today. Crushed material was placed at the north end of the site and in small low spots around the site, to remove areas that will or have ponded.
3. It was discovered once the stockpiled material for crushing was run thru the crusher that what the interim grading plan indicated as the high spot, elevation 492, on the north end of the site is the low spot, elevation 489 existing asphalt grade. This conflict with grading the north end of the site was brought to LaBella's and the city's attention. The conflict will be resolved during tomorrows job meeting.

COPIES TO:

FIELD REPORT

SIGNED



FOUNDATION DESIGN, P.C. 335 Colfax Street Rochester, New York 14606-3107 PHONE (585) 458-0824 FAX (585) 458-3323	Date: 10-19-10	Job No: 3446.0	Report No: 33
	Project: Photech Imaging Site, 1000 Driving Park Ave		
	Contractor: ERSI	Owner: City of Rochester	
	Weather: Sunny	Temp: 42° 7:00 AM 58° 3:30 PM	
TO: LaBella Associates, P.C. 300 State Street Suite 201 Rochester, New York 14614 Attn: Mr. Dennis Porter	Present at Site: Mike – LaBella Assoc Jay Goggin – Foundation Design Burt –ERSI		
<p>THE FOLLOWING WAS NOTED:</p> <ol style="list-style-type: none"> 1. I was on site to observe earthwork operations. 2. ERSI is working on finishing fill placement from building 12 north today. They have used most of the material generated as recycled material at this time with only a small pile to be used tomorrow for finish grading. 3. ERSI move the wet material generated during the utility tunnel excavation to fill a low area on the west side of the site. This material will require picking during fine grading. 4. It was determined that the low spot will be filled to elevation 490 and a swale will be excavated for water to flow to the planned drainage swale shown on the plans. It was discussed that the swale will have minimal pitch as there is only one-foot of fall from the filled elevation to the bottom of the swale where it will tie in. It was determined in the job meeting that some standing water in this ditch was better than the pond that would result otherwise. 5. ERSI should have final grading complete tomorrow afternoon. 			
COPIES TO:	<div style="text-align: center;"> FIELD REPORT  SIGNED </div>		

104

FOUNDATION DESIGN, P.C.**335 Colfax Street
Rochester, New York 14606-3107**

PHONE (585) 458-0824

FAX (585) 458-3323

Date:
10-20-10Job No:
3446.0Report No:
34Project:
Photech Imaging Site, 1000 Driving Park AveContractor:
ERSIOwner:
City of RochesterWeather:
SunnyTemp: 42° 7:00 AM
63° 4:30 PM

TO:

LaBella Associates, P.C.
300 State Street
Suite 201
Rochester, New York 14614
Attn: Mr. Dennis Porter

Present at Site:

Mike - LaBella Assoc
Jay Goggin - Foundation Design
Burt - ERSI
Joe Biondolillo - City of Rochester

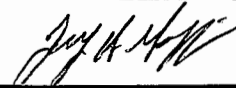
THE FOLLOWING WAS NOTED:

1. I was on site to observe earthwork operations.
2. ERSI fine grading the north end of the site and shaped the swale at this end of the site today. As part of this work, they excavated the swale that is being installed to drain the low area at the edge of the asphalt on the east side of building 12. This area is being filled to 490 to allow for water drainage.
3. Burt and I walked the north end of the site with a laser level to check for low spots and the over all slope to the swale at the end of the day. The area is pitched to drain and we did not observe any areas that will retain water. The check dams were installed in the swale.
4. ERSI was spreading the wet material that had been stockpiled for the deep utility tunnel excavation in the low area existing at the start of the project. The soil was being hand picked as it was worked and spread.
5. Burt requested that I stop in the morning to walk the site with him to observe drainage because rain is forecasted over night.

COPIES TO:

FIELD REPORT

SIGNED



FOUNDATION DESIGN, P.C.**335 Colfax Street
Rochester, New York 14606-3107**PHONE (585) 458-0824
FAX (585) 458-3323Date:
10-21-10Job No:
3446.0Report No:
35Project:
Photech Imaging Site, 1000 Driving Park AveContractor:
ERSIOwner:
City of RochesterWeather:
SunnyTemp: 42° 7:30 AM
° PM

TO:

LaBella Associates, P.C.
300 State Street
Suite 201
Rochester, New York 14614
Attn: Mr. Dennis PorterPresent at Site:
Mike – LaBella Assoc
Jay Goggin – Foundation Design
Burt –ERSI

THE FOLLOWING WAS NOTED:

1. I was on site to observe how the site drained with Burt. We walked the site and with the exception of a few very minor, less than a 1/2" deep, puddles we did not observe standing water.
2. ERSI is planning to complete site clean-up, sweeping the blacktop, picking up trash/debris, and continue to de-mob from the site today.
3. At this time my involvement in this project is complete.

COPIES TO:

FIELD REPORT

SIGNED





**Foundation
Design, P.C.**


SOIL • BEDROCK • GROUNDWATER

APPENDIX B

SUBMITTAL COVER SHEET

PHOTECH

OWNER PROJECT NO. SPECIFICATION SECTION NO.

	CONSTRUCTION MANAGER: LeChase Construction LLC 300 Trolley Blvd. Rochester, New York 14606 Phone 585-254-3510/ Fax 585-254-3871 LeChase Project No. 700305	ARCHITECT: LaBella Associates, PC 300 State Street, Suite 201 Rochester, NY 14614 Phone: 585-454-6110 / Fax 585-454-3066 Architect Project No.	ENGINEER: LaBella Associates, PC 300 State Street, Suite 201 Rochester, NY 14614 Phone: /Fax 585-454-3066 Engineer Project No.
---	--	--	--

TYPE OF SUBMITTAL:

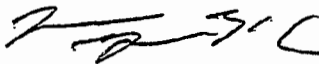
<input type="checkbox"/> PRODUCT DATA	<input type="checkbox"/> TEST REPORT	<input type="checkbox"/> SHOP DRAWING	<input type="checkbox"/> RECORD DOCUMENT
<input type="checkbox"/> SAMPLE	<input type="checkbox"/> CERTIFICATION	<input type="checkbox"/> MFR COMPLIANCE CERT	<input type="checkbox"/> CLOSEOUT DOCUMENT
<input type="checkbox"/> COLOR SELECTION	<input type="checkbox"/> MFR DWG	<input type="checkbox"/> SUBSTITUTION	<input type="checkbox"/> OTHER

SUBMITTAL DESCRIPTION Photech Backfill Certification Letter

SUPPLIER/MANUFACTURER _____

SPEC SECTION NUMBER & TITLE _____

SUB-PARAGRAPH _____ DRAWING NO _____ 1ST TIME SUBMISSION ☒ REVISION # _____

PRIME CONTRACTOR'S STAMP/CERTIFICATION : I HEREBY CERTIFY THAT I HAVE REVIEWED THIS SUBMITTAL, VERIFIED THE PRODUCTS, VERIFIED FIELD MEASUREMENTS WHERE APPROPRIATE AND HAVE COORDINATED THE INFORMATION WITHIN THE SUBMITTAL WITH THE REQUIREMENTS OF CONTRACT DOCUMENTS. THE SUBMITTED ITEMS COMPLY IN EVERY RESPECT WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS AND SPECIFICATIONS	ARCHITECT/ENGINEER REVIEW STAMP:
PRIME CONTRACTOR/CONTRACT/BID PKG NO. Asbestos & Demolition	
SIGNED: 	
POSITION: Operations Manager	
DATE: 8/16/2010	
COMMENTS:	

CONSTRUCTION MANAGER USE: SUBMITTED AND REVIEWED BY LECHASE CONSTRUCTION AS COMPLYING WITH PROJECT SPECIFICATIONS	
LECHASE SUBMITTAL NO.	REVISION NO.
BY:	DATE:



8222 Routes 5 & 20 • P.O. Box 65 • West Bloomfield, New York 14585
(585) 657-8001 • Fax: (585) 657-6575 • Dispatch: (585) 657-8000

www.elamsand.com

Est. 1892

"Over 100 Years of Quality and Service"

August 10-2010

Mr. Wayne Cameron
Environmental Remediation Services, Inc.
1379 BHTL Road
Rochester, NY 14623

Fax # 663-8370

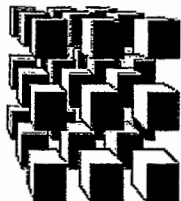
Dear Wayne:

Elam Sand & Gravel Corp. will provide approximately 12,000 tons of fill material that can meet NYS DOT 203.07, Select Granular Fill specifications. This is an all natural material free of any shale products. The material is mined at 8222 Routes 5 & 20, West Bloomfield, NY which is a NYS DOT Approved source. The source number for this location is 4-61 F,G. The NYS DEC Permit # is 80428.

If you have any questions, or need any further information, please call me at the above.

Sincerely,

Victor Alloco
Operations Manager



CME
Associates, Inc.

385 Sherman Street
Rochester, New York 14606
(585) 254-8740
(585) 254-1351 (Fax)
www.cmeassociates.com

Page 1 of 2

LABORATORY TEST REPORT

Project Title: Laboratory Testing, Phototech Imaging – Rochester, NY **Report No.:** 36970L-02-0710
Client Name: LaBella Associates, P.C. **Date Sampled:** 07/20/10
Sampled By: A Representative of the Client **Date Completed:** 07/22/10

1) Material Identification (ASTM D-2488-Visual-Manual):

Sample ID	Material Classification	Unified Classification	Material Source	Proposed Use/Location
RL9439	Brown cmf SAND, little SILT, trace cmf GRAVEL	SM	Elam Sand & Gravel – West Bloomfield, NY	Not Specified

2) Mechanical Analysis (ASTM C-136, D-1140):

Percent Passing by Weight				
Sieve Size	RL9439			
2"	100			
1 1/2"	99			
1"	98			
3/4"	98			
1/2"	96			
3/8"	96			
1/4"	95			
No. 4	94			
No. 10	91			
No. 40	57			
No. 100	24			
No. 200 (wash)	14			

3) Moisture Density Relationship (ASTM D-1557, D-4718, C-127):

	RL9439			
Maximum Dry Density (pcf):	128.3			
Moisture Content (%):	8.4			
Procedure Used:	D-1557-C			
Preparation Method Used:	Moist			
As Received Water Content:	-			
Oversize Separation Sieve:	3/4"			
Percent Oversize Fraction by Weight:	2.5			
Specific Gravity of Oversize Portion:	N/A			

No project specifications were supplied. Materials should be reviewed by the appropriate Project Engineer for acceptance.

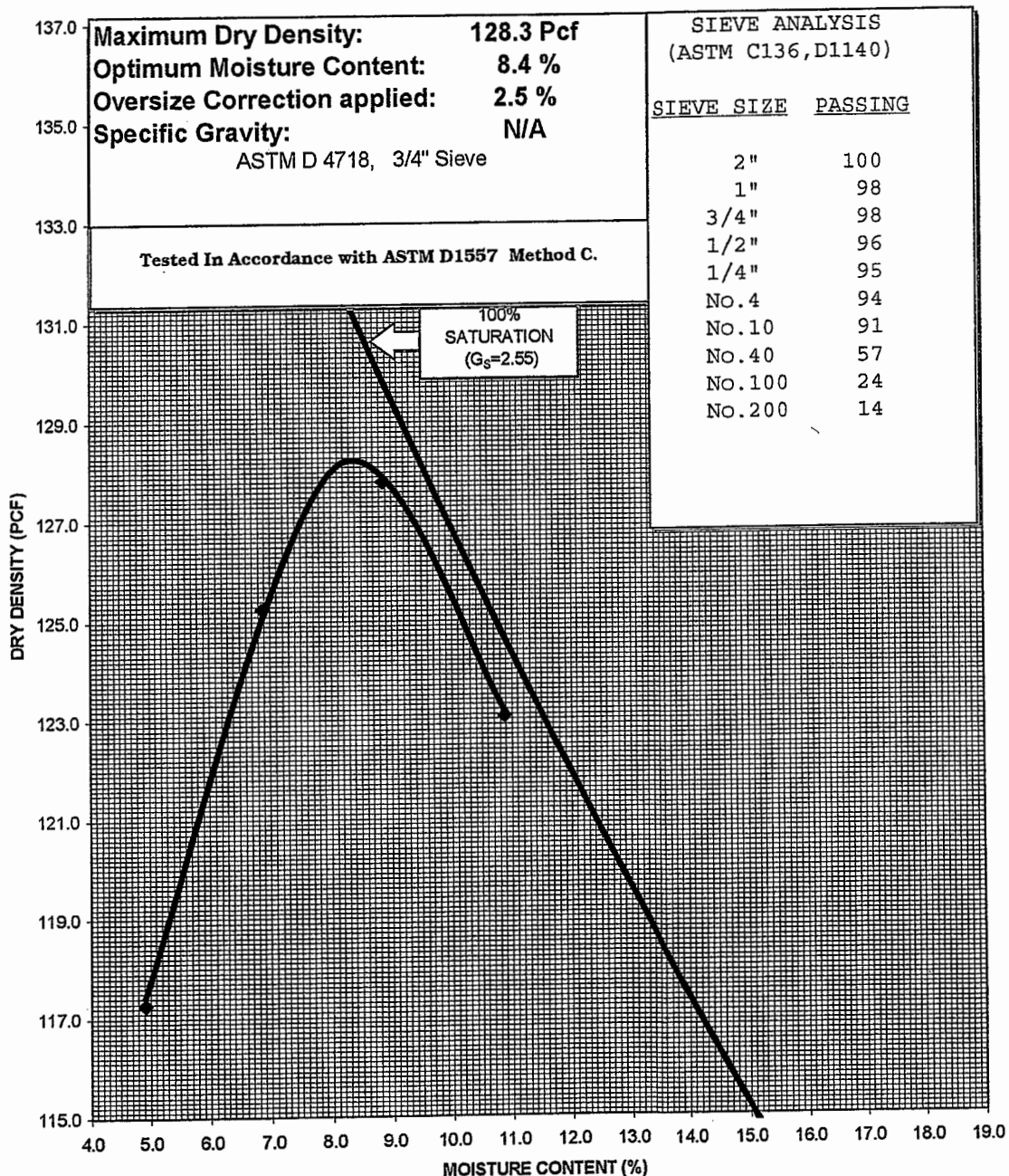
The Moisture Density Relationship Curve is attached. Please feel free to contact our office should you have any questions.

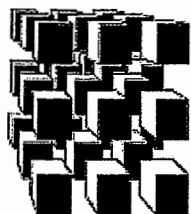
Respectfully submitted:
CME Associates, Inc.

E. Randall Holbrook
Senior Laboratory Technician

CLIENT:	LaBella Associates, P.C.	REPORT No.:	36970L-02-0710
PROJECT:	Laboratory Testing, Photech Imaging – Rochester, NY	SAMPLE No.:	RL9439
SAMPLE LOCATION:	Elam Sand & Gravel – West Bloomfield, NY	DATE SAMPLED:	07/20/10
		PAGE:	2 of 2
SOIL CLASSIFICATION:	Brown cmf SAND, little SILT, trace cmf GRAVEL		

MOISTURE-DENSITY RELATIONSHIP CURVE





CME

Associates, Inc.

385 Sherman Street
Rochester, New York 14606
(585) 254-8740
(585) 254-1351 (Fax)
www.cmeassociates.com

Page 1 of 4

LABORATORY TEST REPORT

Project Title: Laboratory Testing, Photech Imaging – Rochester, NY
Client Name: LaBella Associates, P.C.
Delivered By: A Representative of the Client
Report No.: 36970L-03-0710
Date Delivered: 07/28/10
Date Completed: 08/06/10

1) Material Identification (ASTM D-2488-Visual-Manual):

Sample ID	Material Classification	Unified Classification	Material Source	Proposed Use/Location
RL9449	Brown cmf SAND, and SILT/CLAY, some cmf GRAVEL	SM	Building 6,16 Northwest Corner	Mass Fill
RL9450	Brown SILT/CLAY, some cmf SAND, some cmf GRAVEL	SM	Building 6,7 Middle Slough Bank	Mass Fill
RL9451	Brown SILT/CLAY, some cmf SAND, some cmf GRAVEL	SM	Building 6,16 East Wall Middle	Mass Fill

2) Mechanical Analysis (ASTM C-136, D-1140):

Sieve Size	Percent Passing by Weight			
	RL9449	RL9450	RL9451	
3"	100	100	100	
2"	95	96	97	
1"	90	92	91	
3/4"	88	90	89	
1/2"	85	86	85	
3/8"	82	84	83	
1/4"	81	81	79	
No. 4	79	79	77	
No. 10	75	74	72	
No. 40	66	66	65	
No. 100	49	59	56	
No. 200 (wash)	39	50	46	

3) Moisture Density Relationship (ASTM D-1557, D-4718, C-127):

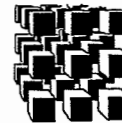
	RL9449	RL9450	RL9451	
Corrected Maximum Dry Density (pcf):	132.6	133.3	134.2	
Corrected Moisture Content (%):	8.4	8.0	8.1	
Procedure Used:	D-1557-B	D-1557-B	D-1557-B	
Preparation Method Used:	Moist	Dry	Moist	
As Received Water Content:	7.6%	-	4.8%	
Oversize Separation Sieve:	3/8"	3/8"	3/8"	
Percent Oversize Fraction by Weight:	17.6	16.0	17.3	
Specific Gravity of Oversize Portion:	2.51	2.55	2.57	

Materials should be reviewed by the appropriate Project Engineer for acceptance.

The Moisture Density Relationship Curve is attached. Please feel free to contact our office should you have any questions.

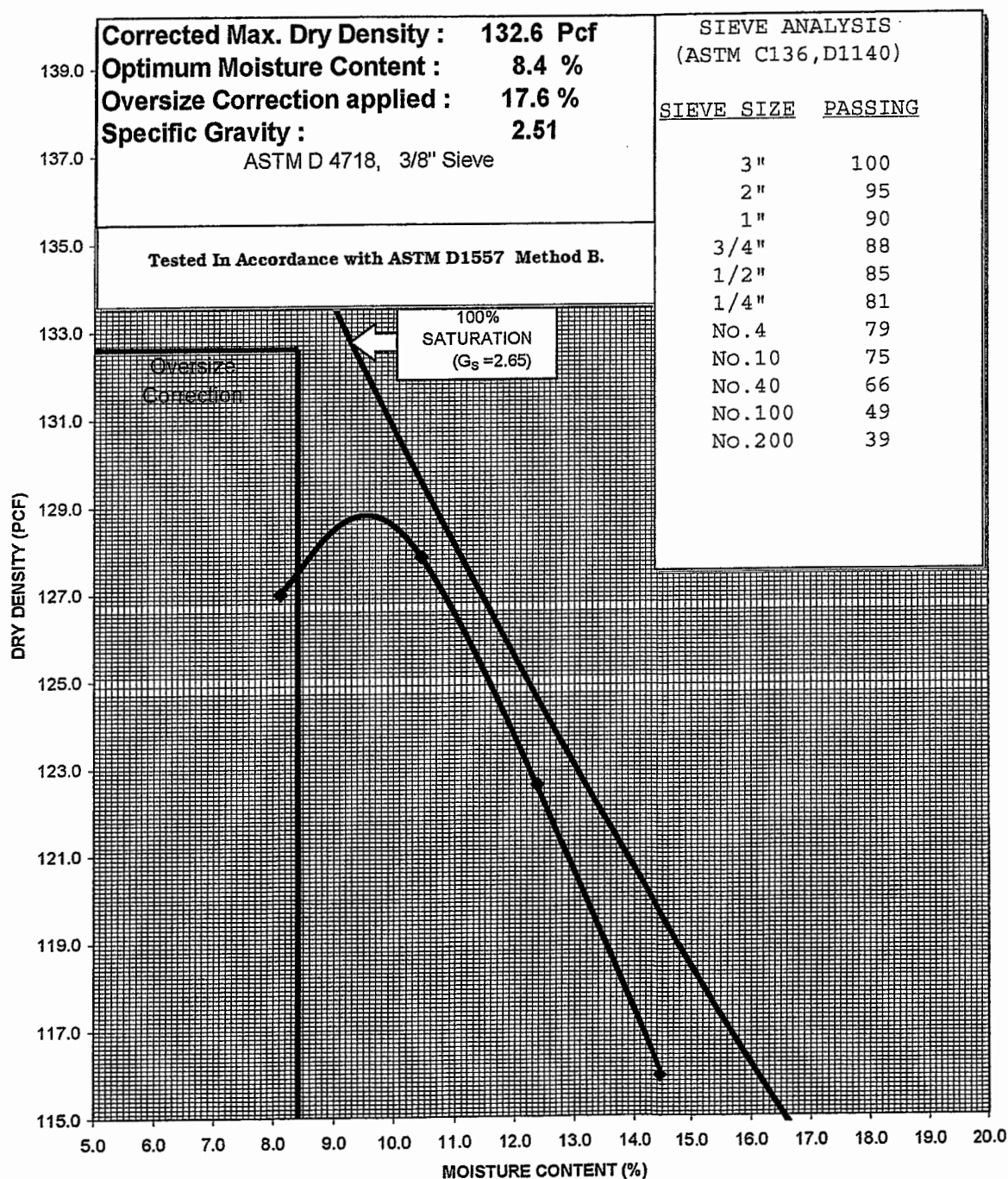
Respectfully submitted:
CME Associates, Inc.

E. Randall Holbrook
Senior Laboratory Technician



CLIENT:	LaBella Associates, P.C.	REPORT No.:	36970L-03-0710
PROJECT:	Laboratory Testing, Photech Imaging – Rochester, NY	SAMPLE No.:	RL9449
SAMPLE LOCATION:	Building 6,16 Northwest Corner	DATE DELIVERED:	07/28/10
		PAGE:	2 of 4
SOIL CLASSIFICATION:	Brown cmf SAND, and SILT/CLAY, some cmf GRAVEL		

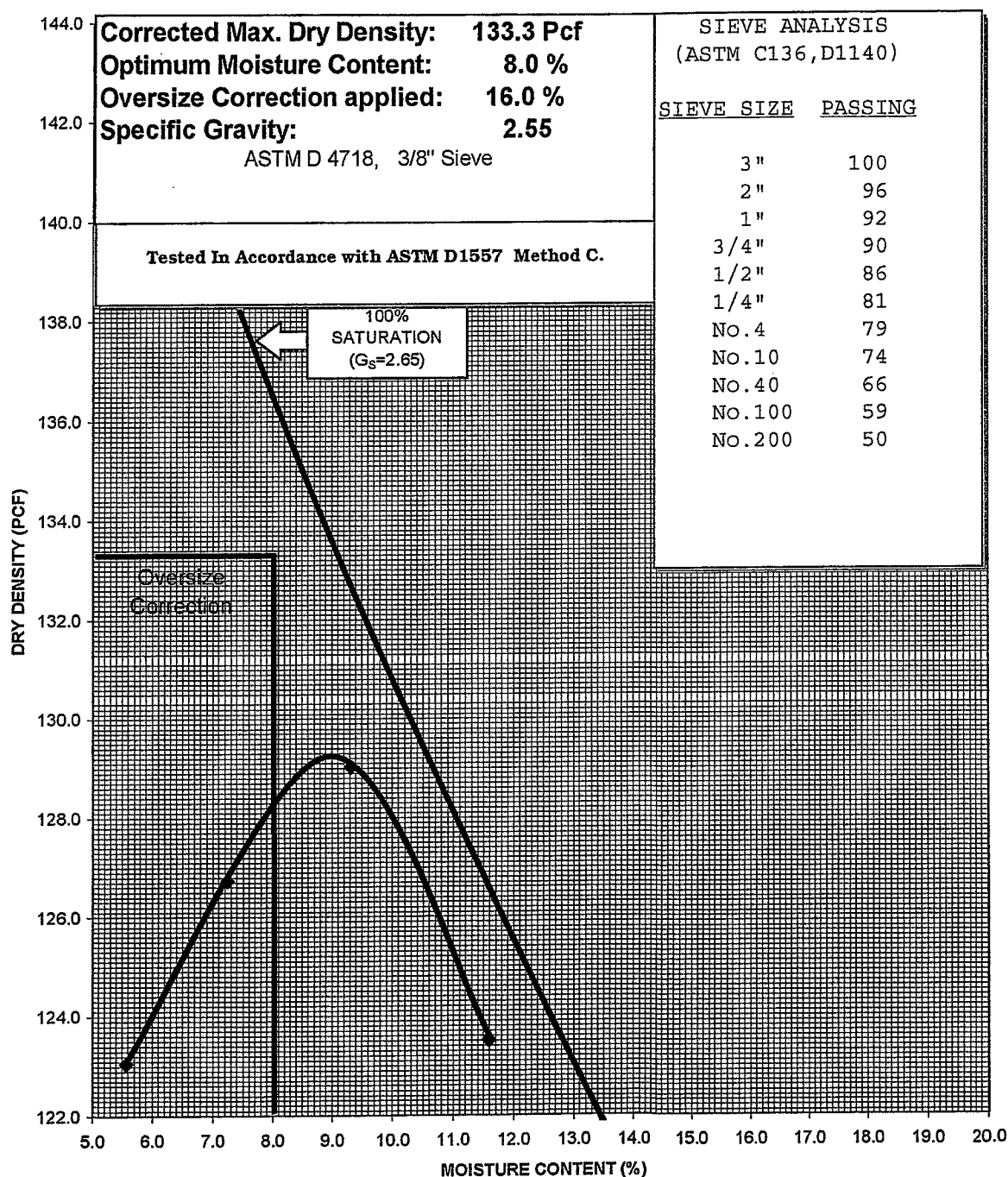
MOISTURE-DENSITY RELATIONSHIP CURVE





CLIENT:	LaBella Associates, P.C.	REPORT No.:	36970
PROJECT:	Laboratory Testing, Photech Imaging – Rochester, NY	SAMPLE No.:	RL9450
SAMPLE LOCATION:	Building 6,7 Middle Slough Bank	DATE DELIVERED:	07/28/10
		PAGE:	3 of 4
SOIL CLASSIFICATION:	Brown SILT/CLAY, some cmf SAND, some cmf GRAVEL		

MOISTURE-DENSITY RELATIONSHIP CURVE

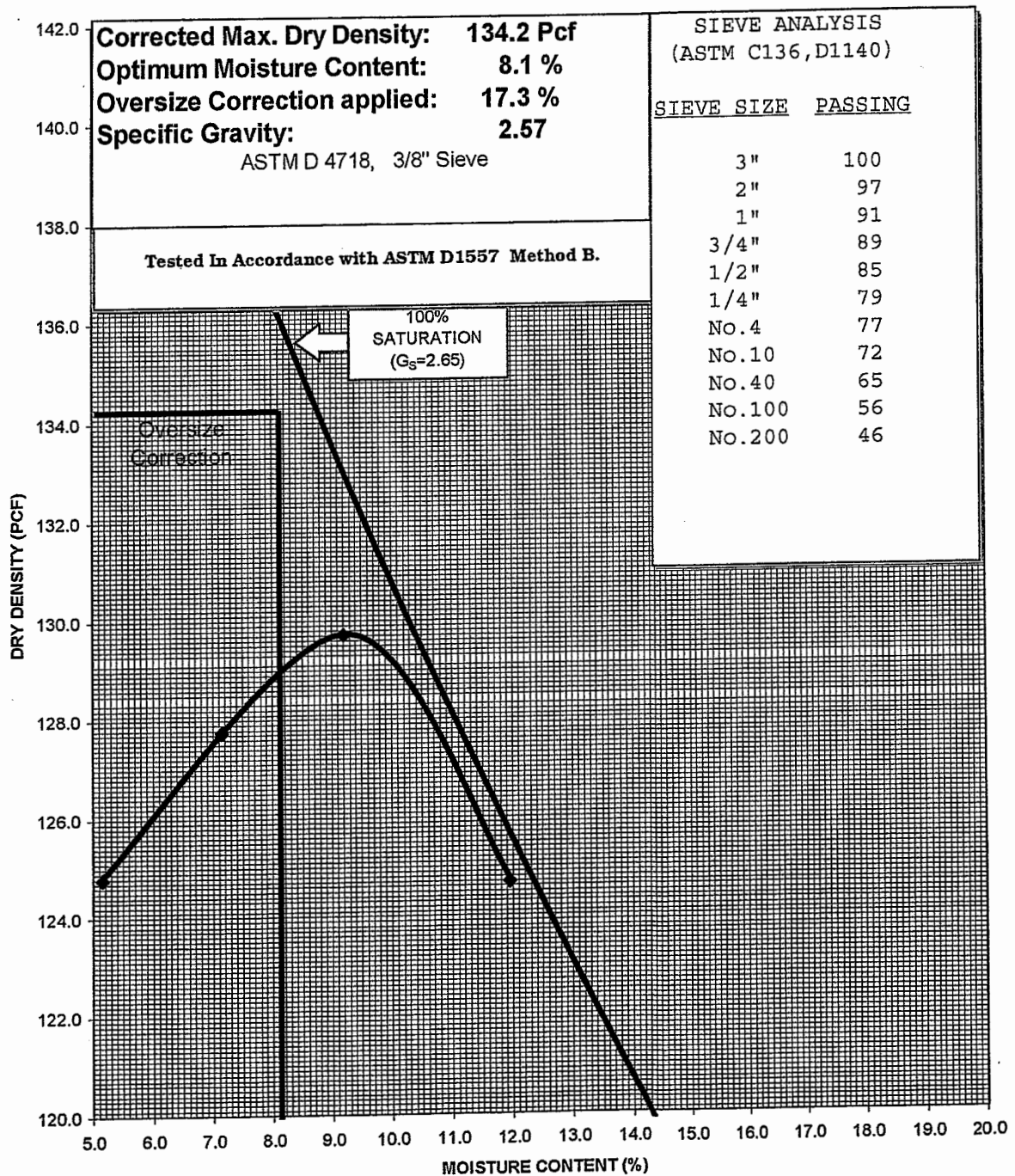




CME
Associates, Inc.

CLIENT:	LaBella Associates, P.C.	REPORT No.:	36970
PROJECT:	Laboratory Testing, Photech Imaging – Rochester, NY	SAMPLE No.:	RL9451
SAMPLE LOCATION:	Building 6,16 East Wall Middle	DATE DELIVERED:	07/28/10
		PAGE:	4 of 4
SOIL CLASSIFICATION:	Brown SILT/CLAY, some cmf SAND, some cmf GRAVEL		

MOISTURE-DENSITY RELATIONSHIP CURVE



Total Solids / Total Volatile Solids Analysis Report

Client: LaBella Associates, P.C.

Client Job Site: Photech
Rochester, NY
Client Job Number: 209288

Lab Project Number: 10-3321

Sample Type: Solid

Date Sampled: 08/13/2010
Date Received: 08/13/2010
Date Analyzed: 08/16/2010


Lab Sample Number	Field Number	Field Location	Result (%TS)	Result (%TVS)
10910	N/A	Photech-NW	91.88	3.17
10911	N/A	Photech-SW	93.97	2.47
10912	N/A	Photech-NE	93.98	5.89
10913	N/A	Photech-SE	94.64	3.75

ELAP Number 10958

Method: SM18 2540G

Comments:

Signature:


Bruce Hoogesteger: Technical Director

CHAIN OF CUSTODY

REPORT TO:		INVOICE TO:	
COMPANY: <u>LaBella Associates, P.C.</u>	COMPANY: <u>Same</u>	LAB PROJECT #: <u>10-3321</u>	CLIENT PROJECT #: <u>209298</u>
ADDRESS: <u>300 5th Street</u>	ADDRESS:	TURNAROUND TIME: (WORKING DAYS)	
CITY: <u>Rochester</u>	CITY:	STATE: <u>NY</u> ZIP: <u>14614</u>	
PHONE: <u>(585) 295-6205</u>	PHONE:	FAX:	
ATTN: <u>Dennis Porter</u>	ATTN:	STD <input type="checkbox"/> 1 <input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 5 OTHER <input type="checkbox"/>	
PROJECT NAME/SITE NAME: <u>Phototech</u>		Quotation # <u>2 day per lab.</u>	
COMMENTS: <u>Please e-mail results to Porter@labellaPC.com</u>		MS to collect:	

REQUESTED ANALYSIS				REMARKS				PARADIGM LAB SAMPLE NUMBER			
DATE	TIME	COMPOSITE	G R A B	SAMPLE LOCATION/FIELD ID	M A T T R I X	C O N T A M I N E N T S	Other Organic				
18/12/10	1400	X		Phototech - NW	Soil	1	X			Do TS/TVS per	10910
2	1410	X		Phototech - SW	Soil	1	X			M. Shannon 8/13	10911
3	1420	X		Phototech - NE	Soil	1	X			asper Client.	10912
4	1450	X		Phototech - SE	Soil	1	X			EAH 8/13	10913
5											
6											
7											
8											
9											
10											

LAB USE ONLY: BELOW THIS LINE

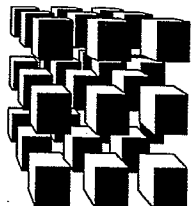
Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter		NELAC Compliance	
Comments:	Container Type: <u>N/A</u>	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:	Preservation: <u>N/A</u>	Y <input type="checkbox"/>	N <input type="checkbox"/>
Comments:	Holding Time:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:	Temperature: <u>26°C</u>	Y <input type="checkbox"/>	N <input checked="" type="checkbox"/>

Sampled By: Erin R. Dunrose Date/Time: 8/13/10 1400
 Relinquished By: [Signature] Date/Time: 8/13/10 1548
 Received By: Elizabeth A. Honch Date/Time: 8/13/10 1549
 Received @ Lab By: [Signature] Date/Time: 8/13/10 1700

Total Cost:

P.I.F.



CME
Associates, Inc.

385 Sherman Street
Rochester, New York 14606
(585) 254-8740
(585) 254-1351 (Fax)
www.cmeassociates.com

Page 1 of 1

Organic Matter Determination Test Report

Project Title: Laboratory Testing, Photech Imaging – Rochester, NY **Report No.:** 36970L-04-0810
Client Name: LaBella Associates, P.C. **Date Sampled:** 08/18/10
Sampled By: A Representative of Foundation Design **Date Completed:** 08/20/10

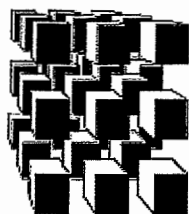
1) Moisture, Ash, & Organic Matter of Peat and Other Organic Soils: (ASTM D-2974):

Sample ID	Material Source	Water Content (%)	Organic Content (%)
RL9478	Earth Mixed in Pile – South End	5.8	2.5
RL9479	Crush Pile – 8-18 AM	9.3	2.9
RL9480	Mixed at Crusher – 8-18 AM	12.2	2.3

Please feel free to contact our office should you have any questions.

Respectfully submitted:
CME Associates, Inc.

E. Randall Holbrook
Senior Laboratory Technician



LABORATORY TEST REPORT

Project Title: Laboratory Testing, Photech Imaging – Rochester, NY
Client Name: LaBella Associates, P.C.
Sampled By: A Representative of Foundation Design
Report No.: 36970L-05-0810
Date Sampled: 08/16/10
Date Completed: 08/25/10

1) Material Identification (ASTM D-2488-Visual-Manual):

Sample ID	Material Classification	Unified Classification	Material Source	Proposed Use/Location
RL9474	Recycled Concrete	N/A	Crushed Onsite	Not Provided

2) Mechanical Analysis (ASTM C-136, D-1140):

Percent Passing by Weight				
Sieve Size	RL9474			
3"	100			
2"	96			
1"	80			
3/4"	71			
1/2"	58			
1/4"	43			
No. 4	38			
No. 10	30			
No. 40	19			
No. 100	13			
No. 200 (wash)	10			

3) Moisture Density Relationship (ASTM D-1557, D-4718, C-127):

	RL9474			
Corrected Maximum Dry Density (pcf):	127.8			
Corrected Moisture Content (%):	9.1			
Procedure Used:	D-1557-C			
Preparation Method Used:	Moist			
As Received Water Content:	7.8			
Oversize Separation Sieve:	3/4"			
Percent Oversize Fraction by Weight:	28.9%			
Specific Gravity of Oversize Portion:	2.30			
Organic Content	3.2%			

No project specifications were supplied. Materials should be reviewed by the appropriate Project Engineer for acceptance.

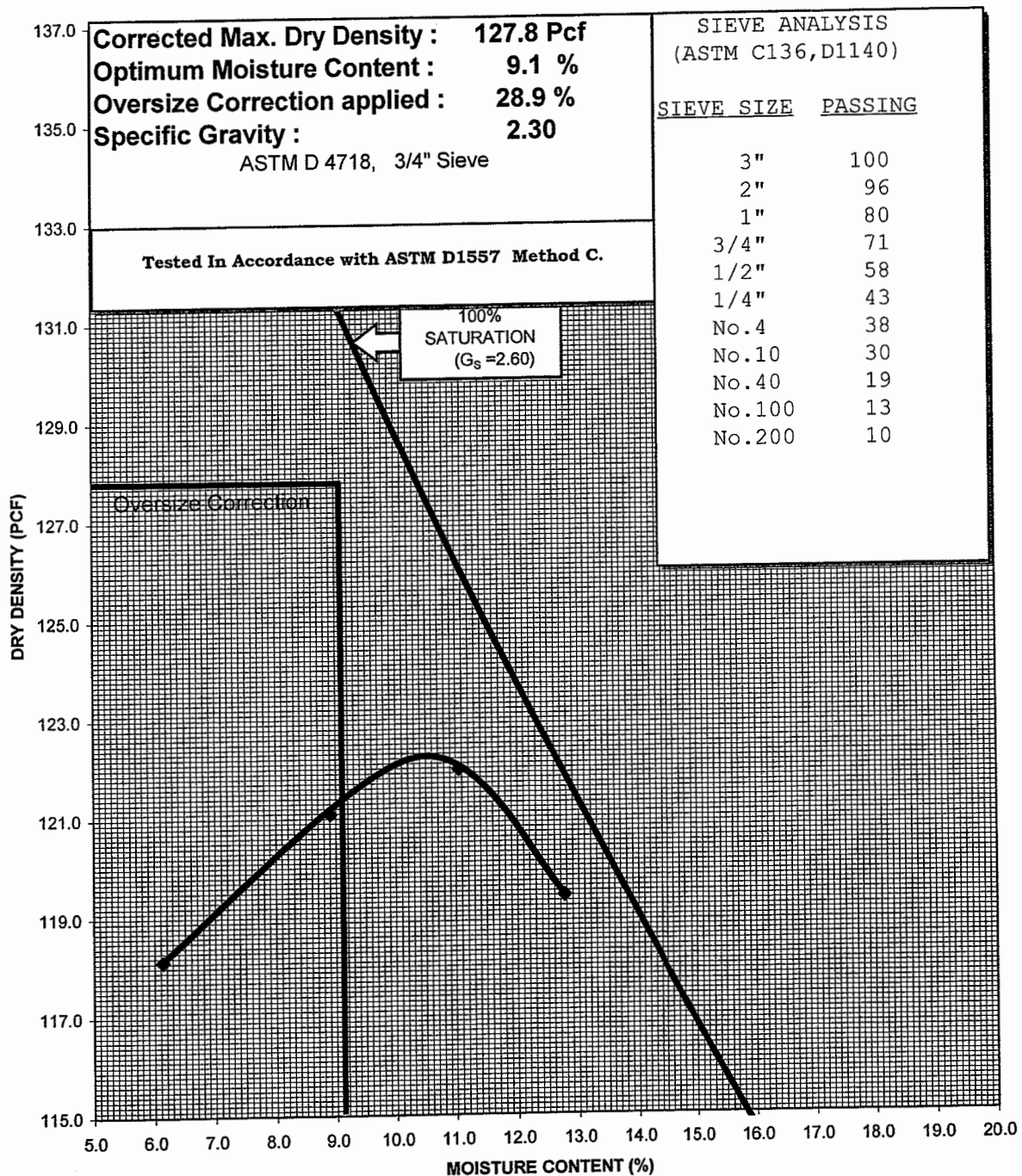
The Moisture Density Relationship Curve is attached. Please feel free to contact our office should you have any questions.

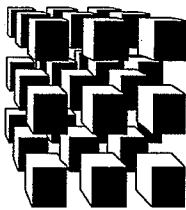
Respectfully submitted:
CME Associates, Inc.

E. Randall Holbrook
Senior Laboratory Technician

CLIENT:	LaBella Associates, P.C.	REPORT No.:	36970L-05-0810
PROJECT:	Laboratory Testing, Photech Imaging – Rochester, NY	SAMPLE No.:	RL9474
SAMPLE LOCATION:	Crushed Onsite	DATE PICKED UP:	08/16/10
		PAGE:	2 of 2
SOIL CLASSIFICATION:	Recycled Concrete		

MOISTURE-DENSITY RELATIONSHIP CURVE





CME
Associates, Inc.

385 Sherman Street
Rochester, New York 14606
(585) 254-8740
(585) 254-1351 (Fax)
www.cmeassociates.com

Page 1 of 2

IN-PLACE FIELD DENSITY TEST REPORT

PROJECT: Photech Imaging – Rochester, NY **DATE:** 09/15/10
CLIENT: LaBella Associates, P.C. **REPORT NO.:** 37004S-01-0910
TEST METHOD: ASTM D6938-08a **REPRESENTATIVE:** P. Reynolds
MATERIAL TYPE/SOURCE: Brown cmf SAND, little SILT, trace cmf GRAVEL /
Elam Sand & Gravel – West Bloomfield, NY
WEATHER: Sunny, then cloudy **TEMPERATURE:** 66 °F

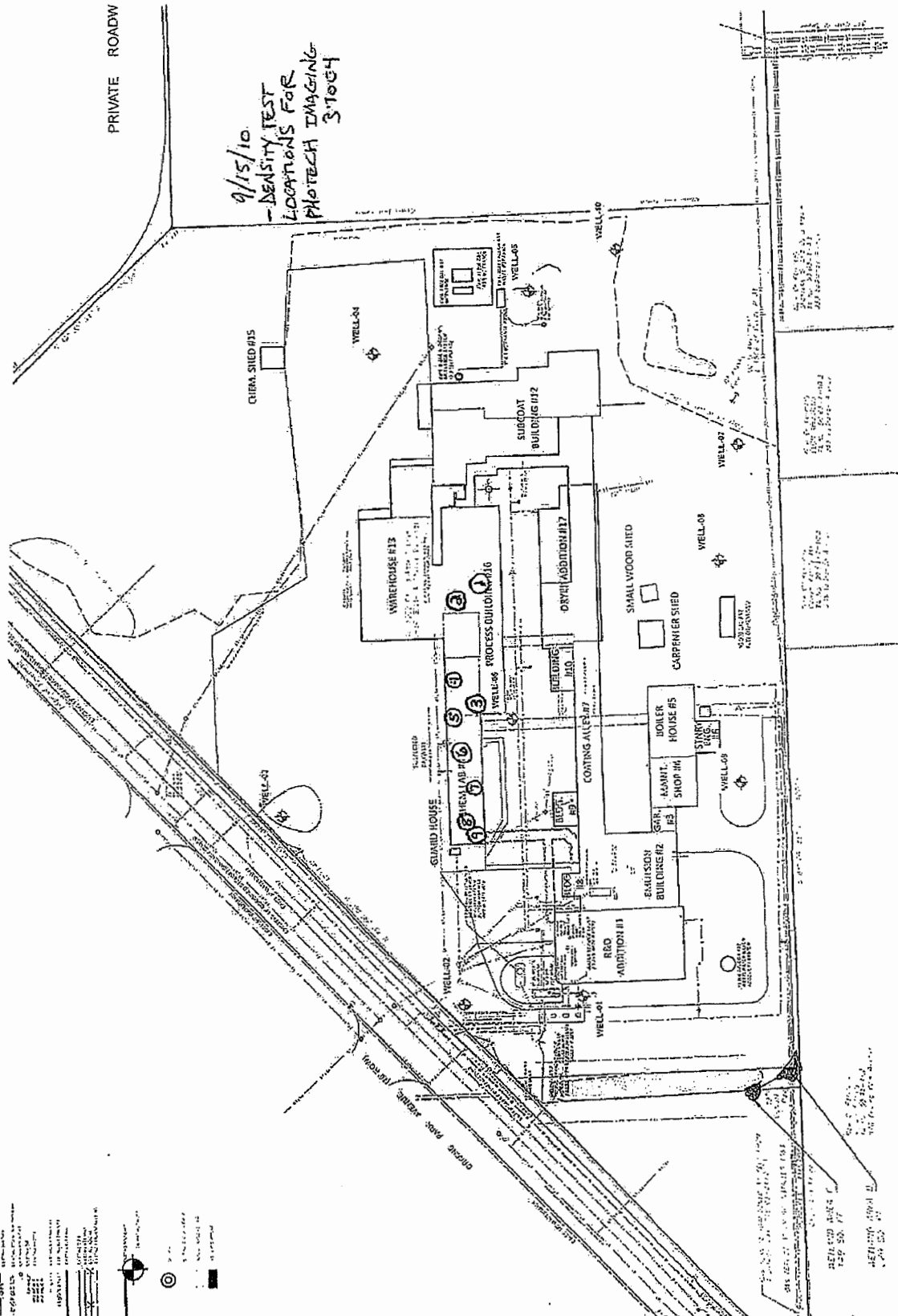
REMARKS:

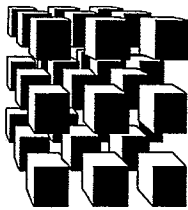
This representative was onsite at the above referenced project to conduct in place field density tests on material placed as fill for the excavated buildings #11 and #16. A Dynapac CA150 single vibratory drum roller was used for compaction. There were no locations or elevations marked onsite, so all nuclear density tests were taken at estimated locations and elevations.

The test results indicate that the required percentage of compaction was achieved at the locations and elevations shown below.

RESULTS:

Test #	Test Location	Test Elevation	Moisture Content (%)	OMC (%)	Field Dry Density (pcf)	100% Dry Density (pcf)	Compaction Achieved (%)	Compaction Required (%)
1	See Attached Sketch	491	8.2	8.4	122.8	128.3	95.7	95.0
2	See Attached Sketch	491	8.5	8.4	122.7	128.3	95.6	95.0
3	See Attached Sketch	492	7.4	8.4	123.7	128.3	96.4	95.0
4	See Attached Sketch	492	8.7	8.4	124.8	128.3	97.3	95.0
5	See Attached Sketch	492	7.4	8.4	121.9	128.3	95.0	95.0
6	See Attached Sketch	492	7.9	8.4	125.5	128.3	97.8	95.0
7	See Attached Sketch	492	7.8	8.4	125.5	128.3	97.9	95.0
8	See Attached Sketch	492	8.5	8.4	126.6	128.3	98.6	95.0
9	See Attached Sketch	493	8.3	8.4	125.5	128.3	97.8	95.0





CME
Associates, Inc.

385 Sherman Street
Rochester, New York 14606
(585) 254-8740
(585) 254-1351 (Fax)
www.cmeassociates.com

Page 1 of 2

IN-PLACE FIELD DENSITY TEST REPORT

PROJECT:	Photech Imaging – Rochester, NY	DATE:	09/16/10
CLIENT:	LaBella Associates, P.C.	REPORT NO.:	37004S-02-0910
TEST METHOD:	ASTM D6938-08a	REPRESENTATIVE:	P. Reynolds
MATERIAL TYPE/SOURCE:	Brown SILT/CLAY, some cmf SAND, some cmf GRAVEL / Buildings 6 & 7, Middle Slough Bank		
WEATHER:	Cloudy, rain	TEMPERATURE:	55 °F

REMARKS:

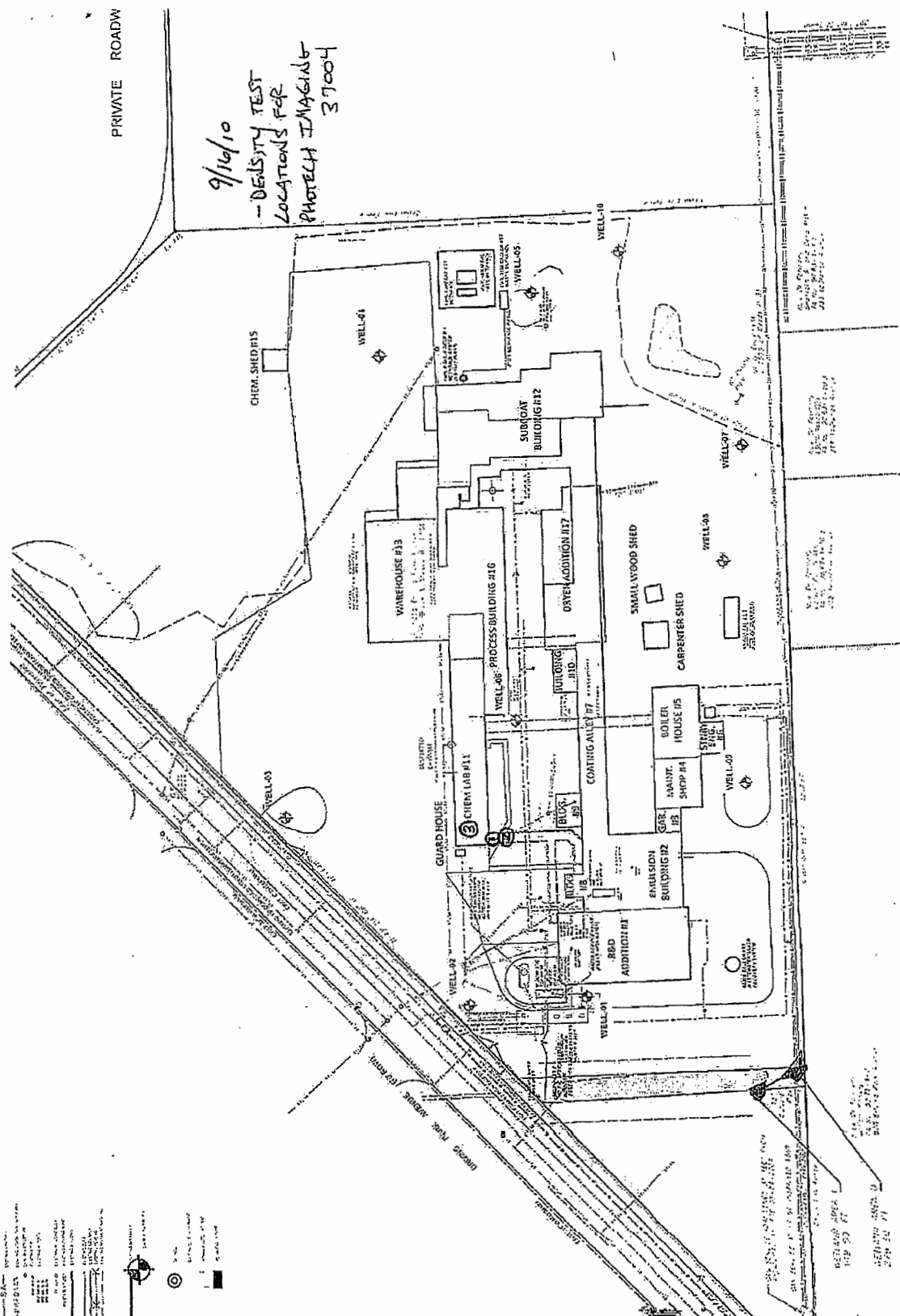
This representative was onsite at the above referenced project to conduct in place field density tests on material placed as fill for the excavated building #11 and tunnel attached to the South end of building #16. A Dynapac CA150 single vibratory drum roller was used for compaction. There were no locations or elevations marked onsite, so all nuclear density tests were taken at estimated locations and elevations.

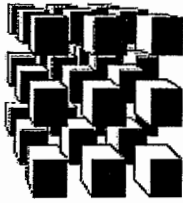
The test results indicate a high moisture content and the required percentage of compaction was not achieved at the locations and elevations shown below. The site contractor decided to leave the soil in place to allow it to dry. This will be listed as NCDD #1 on CME's List of Non-Conformance, Deviations and Deficiencies.

Jay Goggin with Foundation Design was informed of today's test results.

RESULTS:

Test #	Test Location	Test Elevation	Moisture Content (%)	OMC (%)	Field Dry Density (pcf)	100% Dry Density (pcf)	Compaction Achieved (%)	Compaction Required (%)
1	See Attached Sketch	493	11.4	8.0	121.4	133.3	91.1	95.0
2	See Attached Sketch	493	12.1	8.0	115.6	133.3	86.7	95.0
3	See Attached Sketch	494	12.2	8.0	118.9	133.3	89.2	95.0





CME
Associates, Inc.

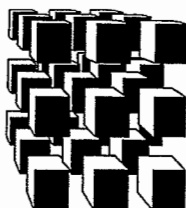
385 Sherman Street
Rochester, New York 14606
(585) 254-8740
(585) 254-1351 (Fax)
www.cmeassociates.com

Page 1 of 1

DAILY PROGRESS REPORT

PROJECT: Phototech Imaging – Rochester, NY	REPORT NO.: 37004S-03-0910
CLIENT: LaBella Associates, P.C.	REPRESENTATIVE: P. Reynolds
DATE: 09/17/10 WEATHER: Cloudy	TEMPERATURE: 56 °F

This representative was onsite at the above referenced project to perform in-place field density testing. Due to the wet conditions onsite, this representative was informed by Jay Goggin with Foundation Design that today's testing would be cancelled.



CME
Associates, Inc.

385 Sherman Street
Rochester, New York 14606
(585) 254-8740
(585) 254-1351 (Fax)
www.cmeassociates.com

Page 1 of 2

IN-PLACE FIELD DENSITY TEST REPORT

PROJECT: Photech Imaging – Rochester, NY **DATE:** 09/20/10
CLIENT: LaBella Associates, P.C. **REPORT NO.:** 37004S-04-0910
TEST METHOD: ASTM D6938-08a **REPRESENTATIVE:** P. Reynolds
(Tests #1-12) Brown cmf SAND, little SILT, trace cmf GRAVEL /
Elam Sand & Gravel – West Bloomfield, NY;

MATERIAL TYPE/SOURCE:

(Tests #13-14) Brown SILT/CLAY, some cmf SAND, some cmf
GRAVEL / Buildings 6 & 7, Middle Slough Bank

WEATHER: Mostly sunny

TEMPERATURE: 68 °F

REMARKS:

This representative was onsite at the above referenced project to conduct in place field density tests on the fill for the excavated buildings #1, 2, 7, 8, 9, 11, and the tunnel at the South end of building #11. A Dynapac CA150 single vibratory drum roller was used for compaction. There were no locations or elevations marked onsite, so this report reflects estimated locations and elevations.

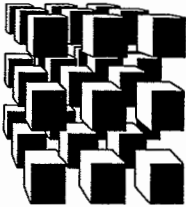
The test results indicate that the required percentage of compaction was achieved on the imported fill. However, the retests taken on the native material on tests #13 and #14 failed to achieve compaction, most likely due to the high moisture content.

Jay Goggin with Foundation Design was informed of today's test results and approved placing another lift over the native fill.

RESULTS:

Test #	Test Location	Test Elevation	Moisture Content (%)	OMC (%)	Field Dry Density (pcf)	100% Dry Density (pcf)	Compaction Achieved (%)	Compaction Required (%)
1	See Attached Sketch	490	8.5	8.4	127.9	128.3	99.7	95.0
2	See Attached Sketch	491	7.8	8.4	125.7	128.3	97.9	95.0
3	See Attached Sketch	492	8.5	8.4	124.0	128.3	96.6	95.0
4	See Attached Sketch	490	8.7	8.4	127.5	128.3	99.4	95.0
5	See Attached Sketch	491	8.2	8.4	128.3	128.3	100.0	95.0
6	See Attached Sketch	492	8.3	8.4	127.3	128.3	99.2	95.0
7	See Attached Sketch	493	8.2	8.4	128.2	128.3	99.9	95.0
8	See Attached Sketch	493	8.6	8.4	127.0	128.3	99.0	95.0
9	See Attached Sketch	493	8.2	8.4	128.3	128.3	100.0	95.0
10	See Attached Sketch	493	7.5	8.4	128.3	128.3	100.0	95.0
11	See Attached Sketch	493	8.4	8.4	126.9	128.3	98.9	95.0
12	See Attached Sketch	493	8.0	8.4	122.3	128.3	95.3	95.0
13	Retest #1 from 9/16/10	493	10.5	8.0	124.6	133.3	93.5	95.0
14	Retest #3 from 9/16/10	494	11.1	8.0	124.1	133.3	93.1	95.0

Setting the Blueprint for Quality and Customer Satisfaction



CME
Associates, Inc.

385 Sherman Street
Rochester, New York 14606
(585) 254-8740
(585) 254-1351 (Fax)
www.cmeassociates.com

Page 1 of 2

IN-PLACE FIELD DENSITY TEST REPORT

PROJECT: Photech Imaging – Rochester, NY **DATE:** 09/21/10
CLIENT: LaBella Associates, P.C. **REPORT NO.:** 37004S-05-0910
TEST METHOD: ASTM D6938-08a **REPRESENTATIVE:** P. Reynolds
(Tests #1-3, 5-12, 15-16) Brown cmf SAND, little SILT, trace cmf GRAVEL / Elam Sand & Gravel – West Bloomfield, NY;

MATERIAL TYPE/SOURCE: (Test #4) Brown SILT/CLAY, some cmf SAND, some cmf GRAVEL / Buildings 6 & 7, Middle Slough Bank;

(Tests #13-14) Recycled Concrete / Crushed Onsite

WEATHER: Partly sunny

TEMPERATURE: 67 °F

REMARKS:

This representative was onsite at the above referenced project to conduct in place field density tests on the fill for the excavated buildings #2, 3, 4, 5, 6, 7, 8, 9, tunnel at the South end of building #11, and tunnel between buildings #5 and #7. A Dynapac CA150 single vibratory drum roller was used for compaction. No locations or elevations were marked onsite so this report reflects estimated locations and elevations.

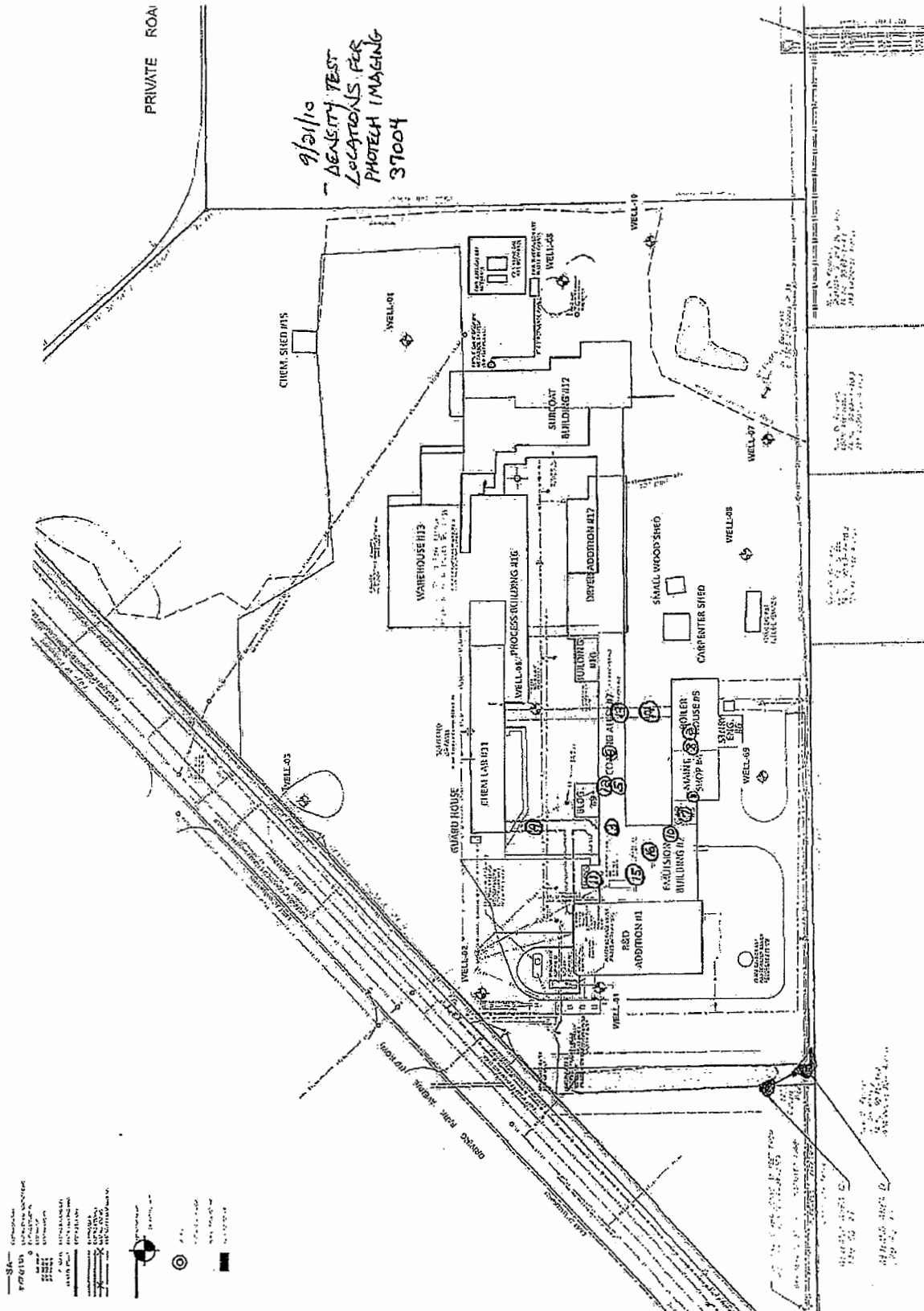
The test results indicate that the required percentage of compaction was achieved at all tests, except for tests #13 and #14. Test #4 is a retest from 9/16/10.

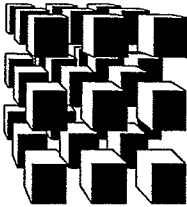
Jay Goggin with Foundation Design was informed of today's test results and approved placing an additional lift of recycled concrete over the lifts that failed to meet required compaction. This will close out NCDD #1 on CME's List of Non-Conformance, Deviations and Deficiencies.

RESULTS:

Test #	Test Location	Test Elevation	Moisture Content (%)	OMC (%)	Field Dry Density (pcf)	100% Dry Density (pcf)	Compaction Achieved (%)	Compaction Required (%)
1	See Attached Sketch	493	7.7	8.4	128.3	128.3	100.0	95.0
2	See Attached Sketch	493	8.9	8.4	128.3	128.3	100.0	95.0
3	See Attached Sketch	494	8.1	8.4	127.7	128.3	99.5	95.0
4	Retest #2 from 9/16/10	493	6.9	8.0	126.6	133.3	95.0	95.0
5	See Attached Sketch	494	8.3	8.4	128.3	128.3	100.0	95.0
6	See Attached Sketch	494	8.1	8.4	127.9	128.3	99.7	95.0
7	See Attached Sketch	494	8.0	8.4	124.8	128.3	97.3	95.0
8	See Attached Sketch	494	7.8	8.4	128.3	128.3	100.0	95.0
9	See Attached Sketch	494	8.5	8.4	128.3	128.3	100.0	95.0
10	See Attached Sketch	494	8.3	8.4	127.4	128.3	99.3	95.0
11	See Attached Sketch	494	8.3	8.4	126.8	128.3	98.8	95.0
12	See Attached Sketch	495	10.0	8.4	124.0	128.3	96.6	95.0
13	See Attached Sketch	479	8.1	9.1	115.7	127.8	90.5	95.0
14	See Attached Sketch	479	8.3	9.1	117.6	127.8	92.0	95.0
15	See Attached Sketch	495	7.9	8.4	122.8	128.3	95.7	95.0
16	See Attached Sketch	495	7.7	8.4	127.9	128.3	99.7	95.0

Setting the Blueprint for Quality and Customer Satisfaction





CME
Associates, Inc.

385 Sherman Street
Rochester, New York 14606
(585) 254-8740
(585) 254-1351 (Fax)
www.cmeassociates.com

Page 1 of 2

IN-PLACE FIELD DENSITY TEST REPORT

PROJECT:	Photech Imaging – Rochester, NY	DATE:	09/22/10
CLIENT:	LaBella Associates, P.C.	REPORT NO.:	37004S-06-0910
TEST METHOD:	ASTM D6938-08a	REPRESENTATIVE:	P. Reynolds
MATERIAL TYPE/SOURCE:	Recycled Concrete / Crushed Onsite		
WEATHER:	Mostly cloudy	TEMPERATURE:	65 °F

REMARKS:

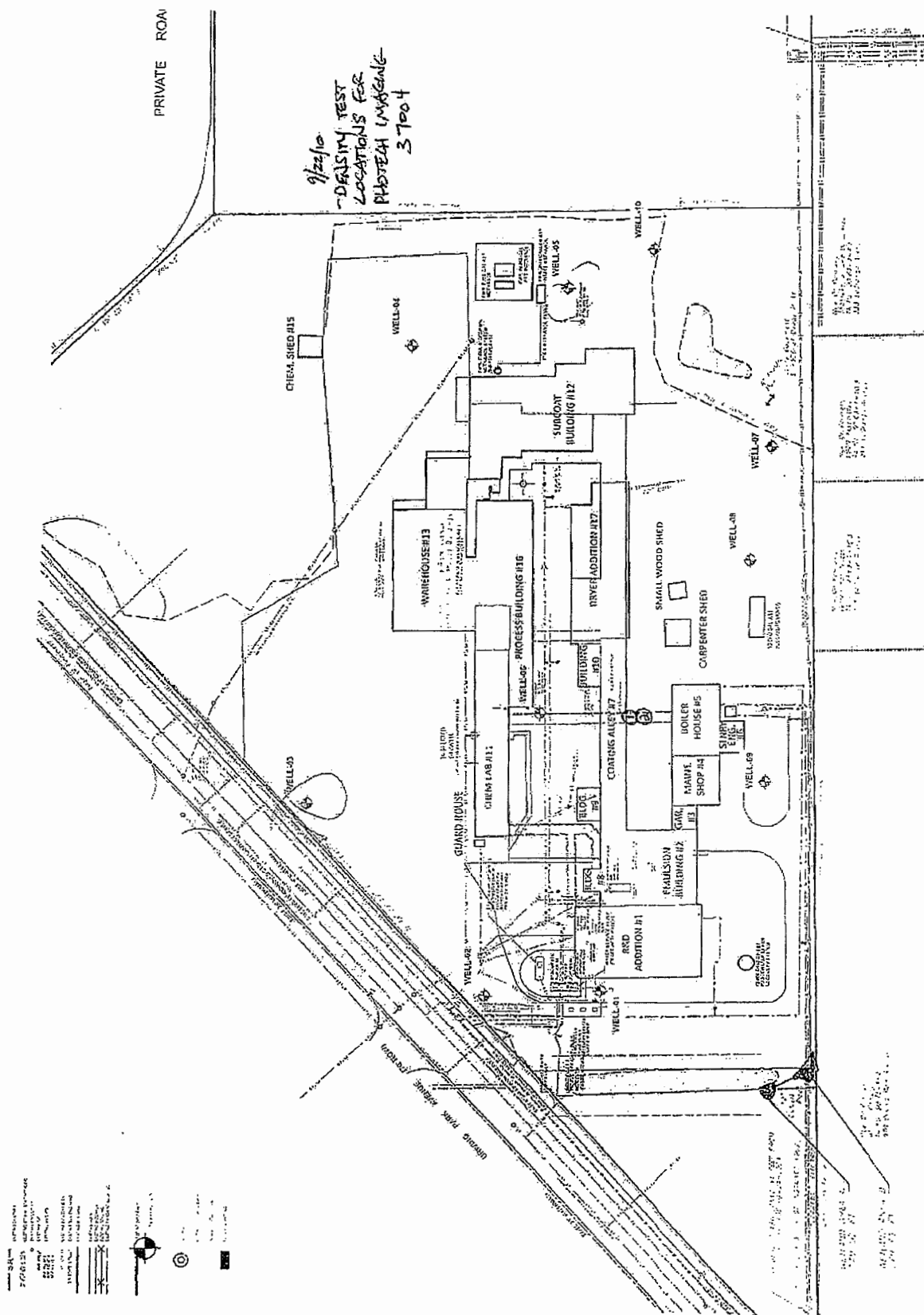
This representative was onsite at the above referenced project to conduct in place field density tests on the fill for the excavated tunnel between buildings #5 and #7. A Dynapac CA150 single vibratory drum roller was used for compaction. Elevations were determined and marked at various locations onsite, therefore, from this date forward in-place field density test reports will reflect more accurate test elevations.

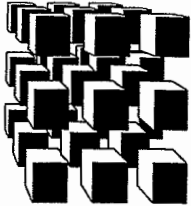
The test results indicate that the required percentage of compaction was achieved at the locations and elevations shown below.

Jay Goggin with Foundation Design was informed of today's test results.

RESULTS:

Test #	Test Location	Test Elevation	Moisture Content (%)	OMC (%)	Field Dry Density (pcf)	100% Dry Density (pcf)	Compaction Achieved (%)	Compaction Required (%)
1	See Attached Sketch	480	10.2	9.1	122.5	127.8	95.5	95.0
2	See Attached Sketch	480	9.8	9.1	121.7	127.8	95.2	95.0





CME
Associates, Inc.

385 Sherman Street
Rochester, New York 14606
(585) 254-8740
(585) 254-1351 (Fax)
www.cmeassociates.com

Page 1 of 2

IN-PLACE FIELD DENSITY TEST REPORT

PROJECT:	Photech Imaging – Rochester, NY	DATE:	09/23/10
CLIENT:	LaBella Associates, P.C.	REPORT NO.:	37004S-07-0910
TEST METHOD:	ASTM D6938-08a	REPRESENTATIVE:	P. Reynolds
MATERIAL TYPE/SOURCE:	Recycled Concrete / Crushed Onsite		
WEATHER:	Mostly sunny	TEMPERATURE:	78 °F

REMARKS:

This representative was onsite at the above referenced project to conduct in place field density tests on the fill for the excavated tunnel between buildings #11 and #7. A Dynapac CA150 single vibratory drum roller was used for compaction.

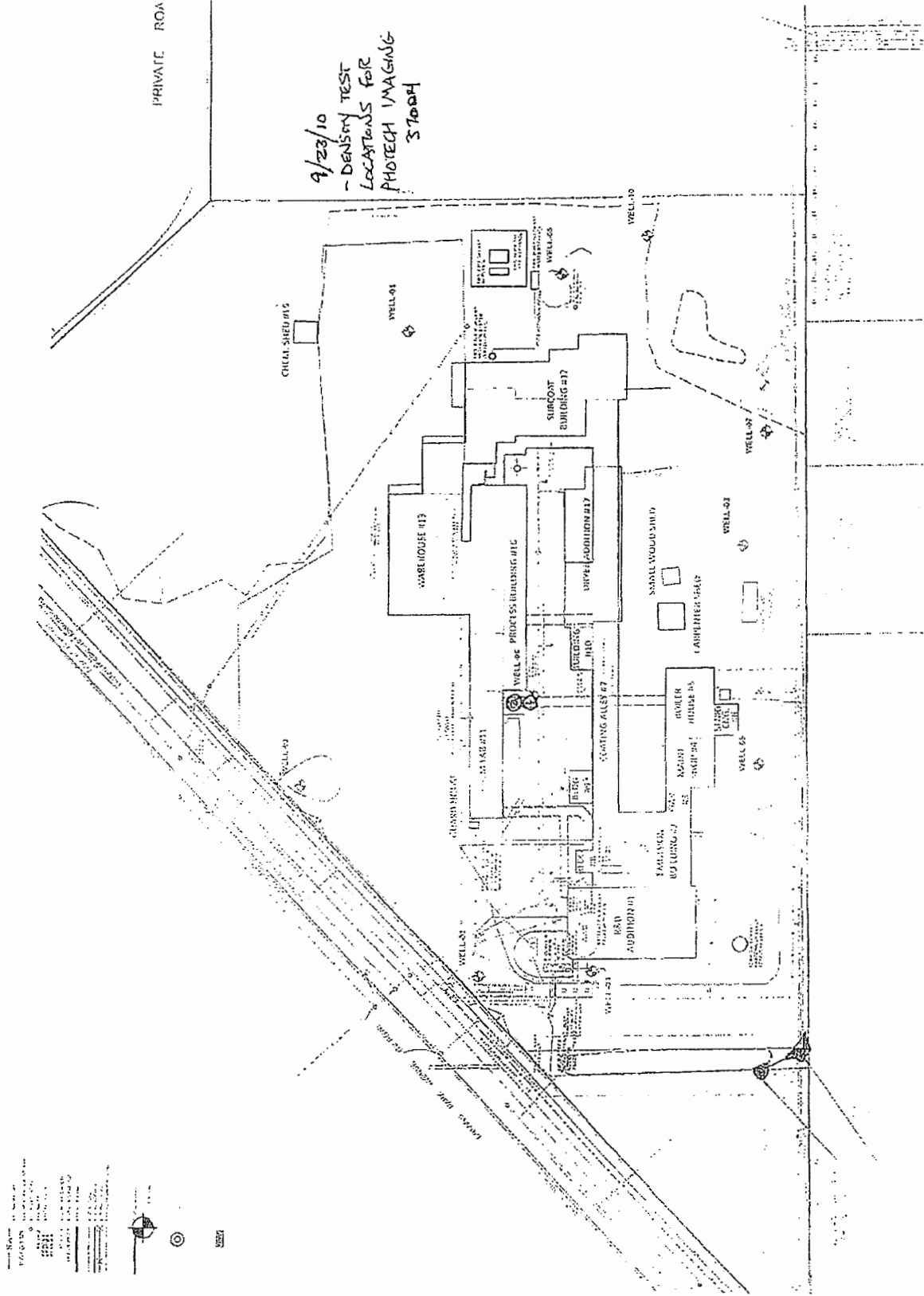
The test results indicate that the required percentage of compaction was not achieved at the locations and elevations shown below.

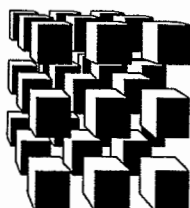
The site contractor was informed and agreed to re-work and re-compact the failing area. These areas will be retested on 9/24/10.

Jay Goggin with Foundation Design was informed of today's test results.

RESULTS:

Test #	Test Location	Test Elevation	Moisture Content (%)	OMC (%)	Field Dry Density (pcf)	100% Dry Density (pcf)	Compaction Achieved (%)	Compaction Required (%)
1	See Attached Sketch	481	8.3	9.1	112.3	127.8	87.9	95.0
2	See Attached Sketch	481	7.8	9.1	115.7	127.8	90.5	95.0





CME
Associates, Inc.

385 Sherman Street
Rochester, New York 14606
(585) 254-8740
(585) 254-1351 (Fax)
www.cmeassociates.com

Page 1 of 2

IN-PLACE FIELD DENSITY TEST REPORT

PROJECT: Photech Imaging – Rochester, NY
CLIENT: LaBella Associates, P.C.
TEST METHOD: ASTM D6938-08a
DATE: 09/24/10
REPORT NO.: 37004S-08-0910
REPRESENTATIVE: P. Reynolds
(Tests #1-9) Brown SILT/CLAY, some cmf SAND, some cmf GRAVEL / Buildings 6 & 7, Middle Slough Bank;
MATERIAL TYPE/SOURCE:
(Tests #10-11) Recycled Concrete / Crushed Onsite
WEATHER: Mostly sunny
TEMPERATURE: 88 °F

REMARKS:

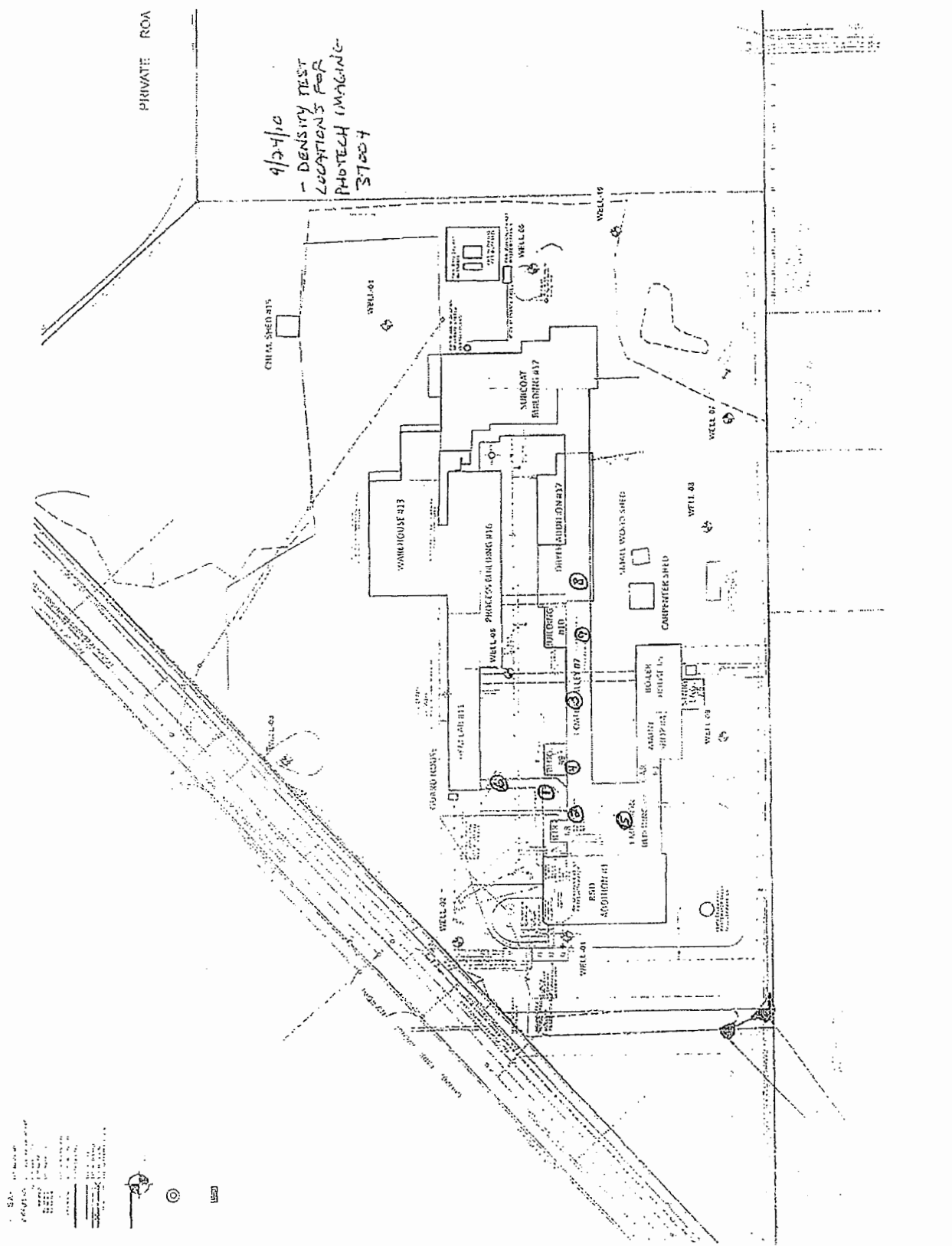
This representative was onsite at the above referenced project to conduct in place field density tests on the fill for the excavated tunnel buildings #2, 7, 8, 9, 10, 17, and the tunnels between buildings #11 and #2 and #11 and #7. A large roller was brought onsite today to help achieve better compaction results. The roller model is a large Sakai SV510D-III.

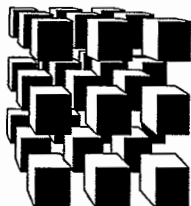
The test results indicate that the required percentage of compaction was achieved at the locations and elevations shown below, except for tests #10 and #11, which were retests from 9/23/10.

Jay Goggin with Foundation Design was informed of today's test results and approved placing another lift of recycled concrete over the failing areas.

RESULTS:

Test #	Test Location	Test Elevation	Moisture Content (%)	OMC (%)	Field Dry Density (pcf)	100% Dry Density (pcf)	Compaction Achieved (%)	Compaction Required (%)
1	See Attached Sketch	490	7.4	8.0	130.0	133.3	97.5	95.0
2	See Attached Sketch	490	9.3	8.0	128.8	133.3	96.7	95.0
3	See Attached Sketch	490	9.6	8.0	127.9	133.3	96.0	95.0
4	See Attached Sketch	490	9.6	8.0	127.0	133.3	95.3	95.0
5	See Attached Sketch	490	7.9	8.0	128.9	133.3	96.7	95.0
6	See Attached Sketch	490	8.2	8.0	123.2	133.3	92.4	95.0
7	Retest #6	490	7.2	8.0	128.5	133.3	96.4	95.0
8	See Attached Sketch	489	8.4	8.0	131.3	133.3	98.5	95.0
9	See Attached Sketch	489	8.9	8.0	129.3	133.3	97.0	95.0
10	Retest #1 from 9/23/10	483	7.6	9.1	119.9	127.8	93.2	95.0
11	Retest #2 from 9/23/10	483	8.1	9.1	117.1	127.8	91.0	95.0





CME
Associates, Inc.

385 Sherman Street
Rochester, New York 14606
(585) 254-8740
(585) 254-1351 (Fax)
www.cmeassociates.com

Page 1 of 2

IN-PLACE FIELD DENSITY TEST REPORT

PROJECT: Photech Imaging – Rochester, NY **DATE:** 09/25/10
CLIENT: LaBella Associates, P.C. **REPORT NO.:** 37004S-09-0910
TEST METHOD: ASTM D6938-08a **REPRESENTATIVE:** P. Reynolds
(Tests #1-5) Brown SILT/CLAY, some cmf SAND, some cmf GRAVEL / Buildings 6 & 7, Middle Slough Bank;

MATERIAL TYPE/SOURCE: (Tests #6-8) Brown SILT/CLAY, some cmf SAND, some cmf GRAVEL / Buildings 6 & 16, East Wall Middle;

(Tests #9-13) Recycled Concrete / Crushed Onsite

WEATHER: Mostly cloudy

TEMPERATURE: 65 °F

REMARKS:

This representative was onsite at the above referenced project to conduct in place field density tests on the fill for buildings #7, 10, 11, 16, 17, and the tunnels between buildings #11 and #2 and also between #11 and #7, as well as #7 and #5. A large Dynapac CA150 single vibratory drum roller and a large Sakai SV510D-III single vibratory drum roller were used for compaction.

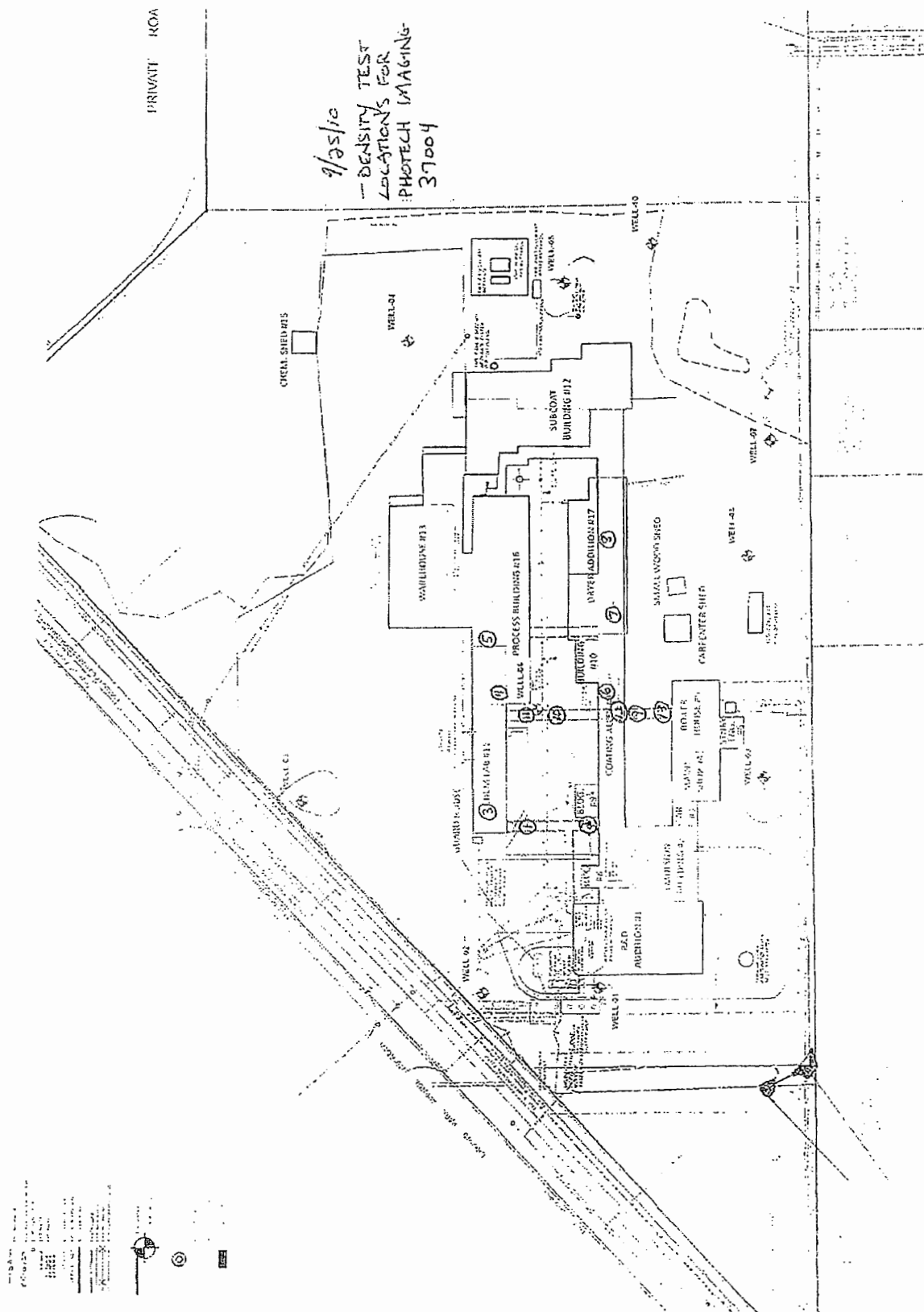
The test results indicate that the required percentage of compaction was achieved at the locations and elevations shown below.

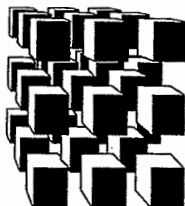
A representative with ERSI was informed of today's test results.

RESULTS:

Test #	Test Location	Test Elevation	Moisture Content (%)	OMC (%)	Field Dry Density (pcf)	100% Dry Density (pcf)	Compaction Achieved (%)	Compaction Required (%)
1	See Attached Sketch	491	9.0	8.0	127.9	133.3	96.0	95.0
2	See Attached Sketch	491	10.4	8.0	128.0	133.3	96.1	95.0
3	See Attached Sketch	490	7.2	8.0	129.9	133.3	97.4	95.0
4	See Attached Sketch	490	8.0	8.0	132.0	133.3	99.0	95.0
5	See Attached Sketch	490	4.9	8.0	132.8	133.3	99.6	95.0
6	See Attached Sketch	490	7.3	8.1	128.9	134.2	96.1	95.0
7	See Attached Sketch	490	8.3	8.1	131.4	134.2	97.9	95.0
8	See Attached Sketch	489	8.6	8.1	128.6	134.2	95.8	95.0
9	See Attached Sketch	484	10.6	9.1	121.9	127.8	95.4	95.0
10	See Attached Sketch	484	10.4	9.1	121.5	127.8	95.1	95.0
11	See Attached Sketch	485	10.2	9.1	122.7	127.8	96.0	95.0
12	See Attached Sketch	485	10.8	9.1	122.0	127.8	95.5	95.0
13	See Attached Sketch	486	10.6	9.1	122.1	127.8	95.6	95.0

Setting the Blueprint for Quality and Customer Satisfaction





CME
Associates, Inc.

385 Sherman Street
Rochester, New York 14606
(585) 254-8740
(585) 254-1351 (Fax)
www.cmeassociates.com

Page 1 of 2

IN-PLACE FIELD DENSITY TEST REPORT

PROJECT: Photech Imaging – Rochester, NY

DATE: 09/27/10

CLIENT: LaBella Associates, P.C.

REPORT NO.: 37004S-10-0910

TEST METHOD: ASTM D6938-08a

REPRESENTATIVE: P. Reynolds

(Tests #1-12) Brown SILT/CLAY, some cmf SAND, some cmf
GRAVEL / Buildings 6 & 7, Middle Slough Bank;

MATERIAL TYPE/SOURCE:

(Test #13) Recycled Concrete / Crushed Onsite

WEATHER: Cloudy, rain

TEMPERATURE: 64 °F

REMARKS:

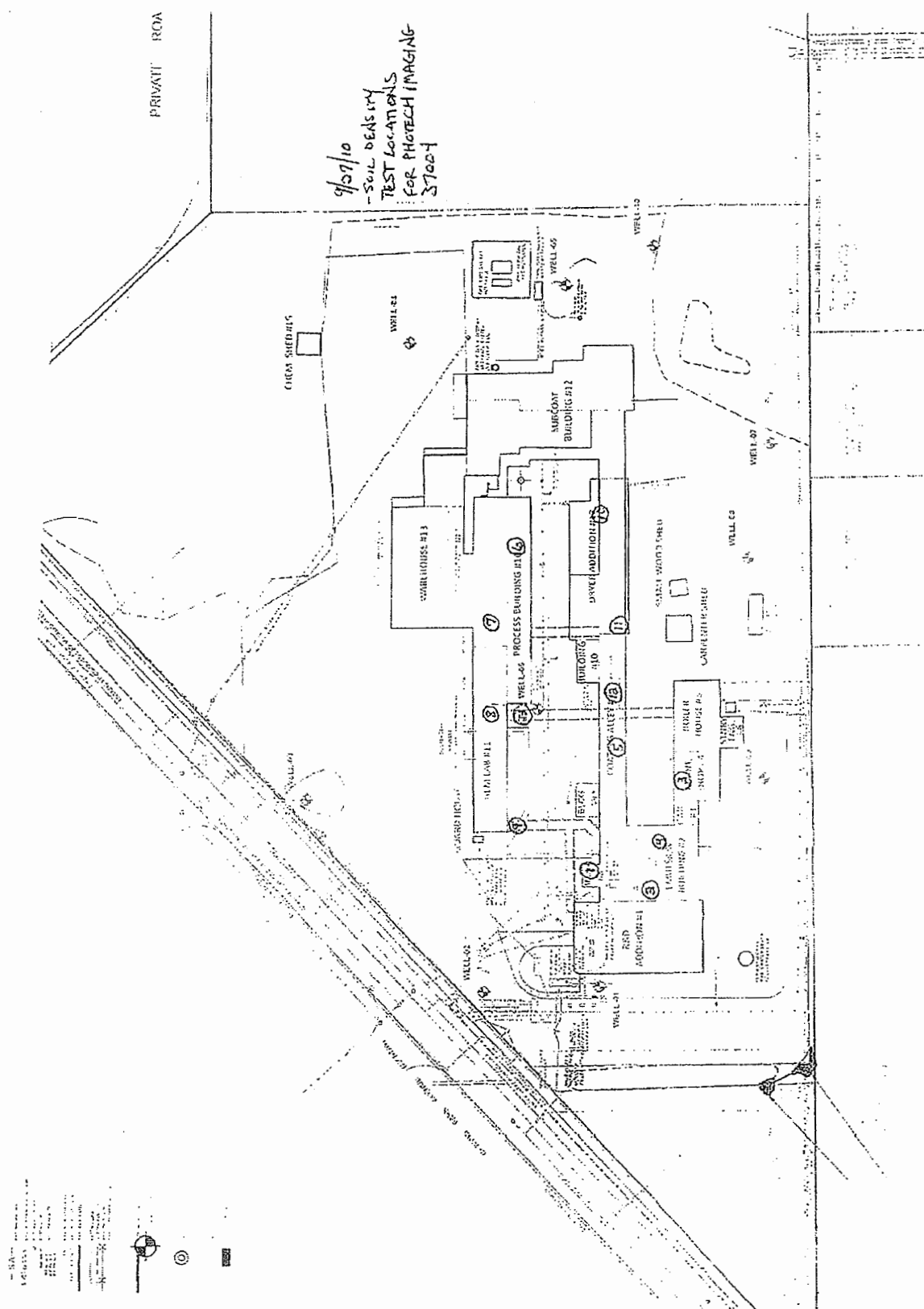
This representative was onsite at the above referenced project to conduct in place field density tests on the fill for buildings #2, 3, 4, 5, 7, 8, 9, 10, 11, 16, 17, and the tunnels from buildings #11-#2 and #11-#7. A large Dynapac CA150 single vibratory drum roller and a large Sakai SV510D-III single vibratory drum roller were used for compaction.

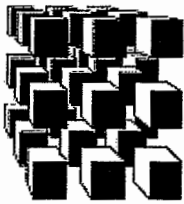
The test results indicate that the required percentage of compaction was achieved at the locations and elevations shown below.

Jay Goggin with Foundation Design was informed of today's test results.

RESULTS:

Test #	Test Location	Test Elevation	Moisture Content (%)	OMC (%)	Field Dry Density (pcf)	100% Dry Density (pcf)	Compaction Achieved (%)	Compaction Required (%)
1	See Attached Sketch	491	7.2	8.0	128.2	133.3	96.2	95.0
2	See Attached Sketch	491	8.2	8.0	127.3	133.3	95.5	95.0
3	See Attached Sketch	490	6.2	8.0	128.6	133.3	96.5	95.0
4	See Attached Sketch	491	7.2	8.0	127.7	133.3	95.8	95.0
5	See Attached Sketch	491	7.9	8.0	128.1	133.3	96.1	95.0
6	See Attached Sketch	491	6.3	8.0	128.1	133.3	96.1	95.0
7	See Attached Sketch	491	6.8	8.0	126.9	133.3	95.2	95.0
8	See Attached Sketch	491	6.6	8.0	133.2	133.3	99.9	95.0
9	See Attached Sketch	492	8.4	8.0	131.6	133.3	98.7	95.0
10	See Attached Sketch	490	8.5	8.0	126.9	133.3	95.2	95.0
11	See Attached Sketch	491	9.8	8.0	128.0	133.3	96.0	95.0
12	See Attached Sketch	491	8.4	8.0	129.9	133.3	97.4	95.0
13	See Attached Sketch	486	10.2	9.1	121.9	127.8	95.4	95.0





CME
Associates, Inc.

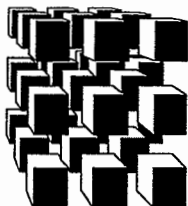
385 Sherman Street
Rochester, New York 14606
(585) 254-8740
(585) 254-1351 (Fax)
www.cmeassociates.com

Page 1 of 1

DAILY PROGRESS REPORT

PROJECT: Photech Imaging – Rochester, NY	REPORT NO.: 37004S-11-0910
CLIENT: LaBella Associates, P.C.	REPRESENTATIVE: P. Reynolds
DATE: 09/30/10 WEATHER: Rain	TEMPERATURE: 65 °F

This representative was onsite at the above referenced project to perform in-place field density testing on the fill for the demolished and excavated buildings. This representative was informed by Jay Goggin with Foundation Design that density tests would not be needed today due to rainy conditions.



CME
Associates, Inc.

385 Sherman Street
Rochester, New York 14606
(585) 254-8740
(585) 254-1351 (Fax)
www.cmeassociates.com

Page 1 of 2

IN-PLACE FIELD DENSITY TEST REPORT

PROJECT:	Photech Imaging – Rochester, NY	DATE:	09/28/10
CLIENT:	LaBella Associates, P.C.	REPORT NO.:	37004S-12-0910
TEST METHOD:	ASTM D6938-08a	REPRESENTATIVE:	P. Reynolds
MATERIAL TYPE/SOURCE:	Recycled Concrete / Crushed Onsite		
WEATHER:	Partly sunny	TEMPERATURE:	75 °F

REMARKS:

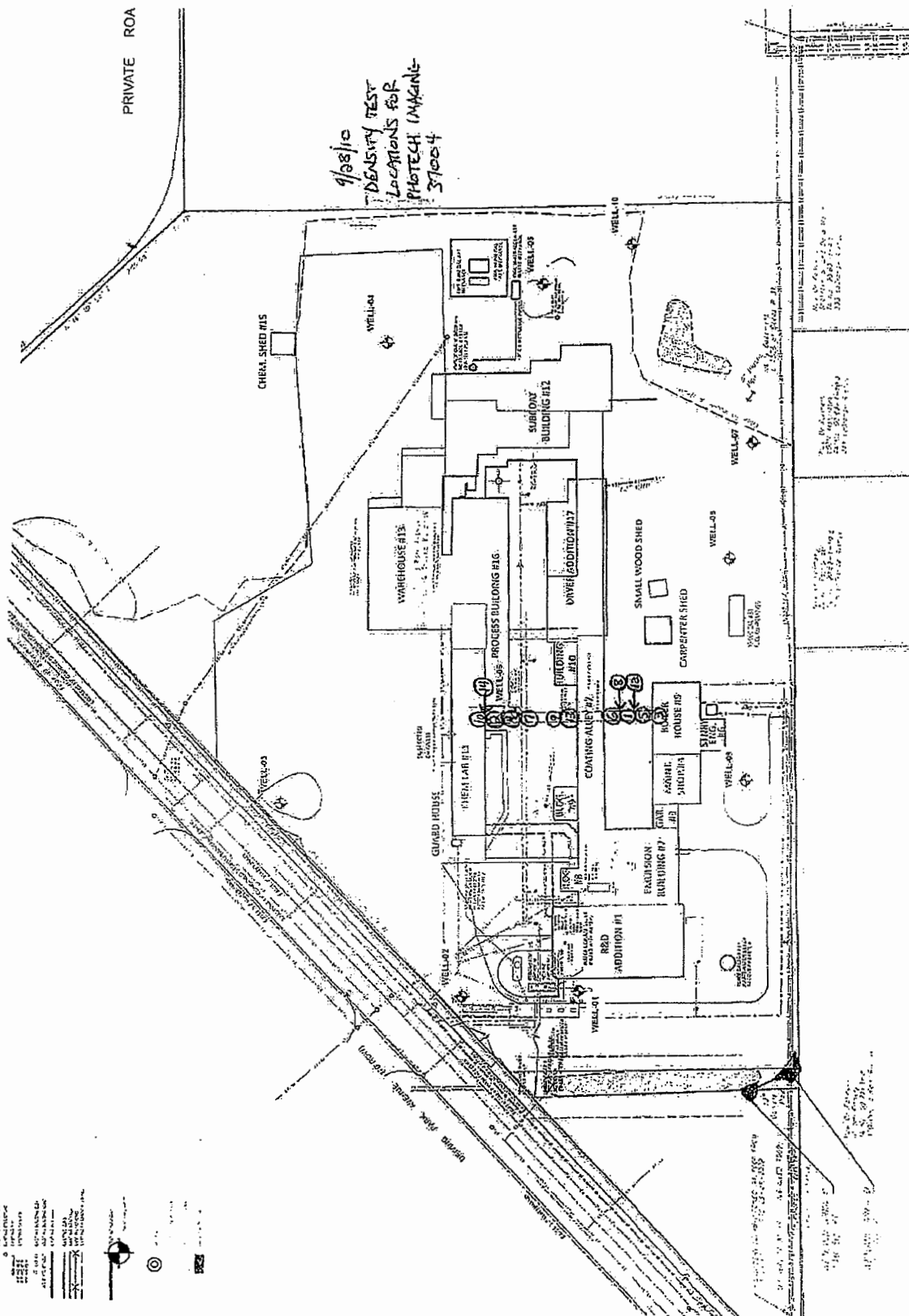
This representative was onsite at the above referenced project to conduct in place field density tests on the fill for the tunnel from buildings #11 to #7 and #7 to #5 and building #5. A large Sakai SV510D-III single vibratory drum roller was used for compaction.

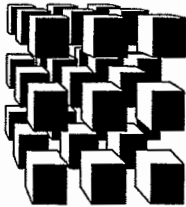
The test results indicate that the required percentage of compaction was achieved at the locations and elevations shown below.

Jay Goggin with Foundation Design was informed of today's test results.

RESULTS:

Test #	Test Location	Test Elevation	Moisture Content (%)	OMC (%)	Field Dry Density (pcf)	100% Dry Density (pcf)	Compaction Achieved (%)	Compaction Required (%)
1	See Attached Sketch	487	9.3	9.1	122.1	127.8	95.5	95.0
2	See Attached Sketch	487	10.8	9.1	122.5	127.8	95.9	95.0
3	See Attached Sketch	488	11.0	9.1	121.4	127.8	95.0	95.0
4	See Attached Sketch	488	11.8	9.1	122.1	127.8	95.6	95.0
5	See Attached Sketch	489	10.7	9.1	121.7	127.8	95.2	95.0
6	See Attached Sketch	489	11.0	9.1	122.1	127.8	95.5	95.0
7	See Attached Sketch	489	10.6	9.1	122.3	127.8	95.7	95.0
8	See Attached Sketch	490	10.7	9.1	121.4	127.8	95.0	95.0
9	See Attached Sketch	490	10.3	9.1	122.5	127.8	95.9	95.0
10	See Attached Sketch	490	10.7	9.1	121.7	127.8	95.2	95.0
11	See Attached Sketch	486	10.0	9.1	122.6	127.8	95.9	95.0
12	See Attached Sketch	491	10.8	9.1	121.4	127.8	95.0	95.0
13	See Attached Sketch	491	9.2	9.1	126.0	127.8	98.6	95.0
14	See Attached Sketch	491	9.7	9.1	121.9	127.8	95.4	95.0





CME
Associates, Inc.

385 Sherman Street
Rochester, New York 14606
(585) 254-8740
(585) 254-1351 (Fax)
www.cmeassociates.com

Page 1 of 2

IN-PLACE FIELD DENSITY TEST REPORT

PROJECT: Photech Imaging – Rochester, NY **DATE:** 09/29/10
CLIENT: LaBella Associates, P.C. **REPORT NO.:** 37004S-13-0910
TEST METHOD: ASTM D6938-08a **REPRESENTATIVE:** P. Reynolds
(Tests #1-13) Recycled Concrete / Crushed Onsite;

MATERIAL TYPE/SOURCE: (Tests #14-15) Brown SILT/CLAY, some cmf SAND, some cmf GRAVEL / Building 6, 7 Middle Slough Bank

WEATHER: Partly sunny **TEMPERATURE:** 75 °F

REMARKS:

This representative was onsite at the above referenced project to conduct in place field density tests on the fill for the demolished and excavated buildings #1, 3-6, 11, and the tunnels from buildings #11-7 and #7-5. A large Dynapac CA150 single vibratory drum roller and a large Sakai SV510D-III single vibratory drum roller were used for compaction.

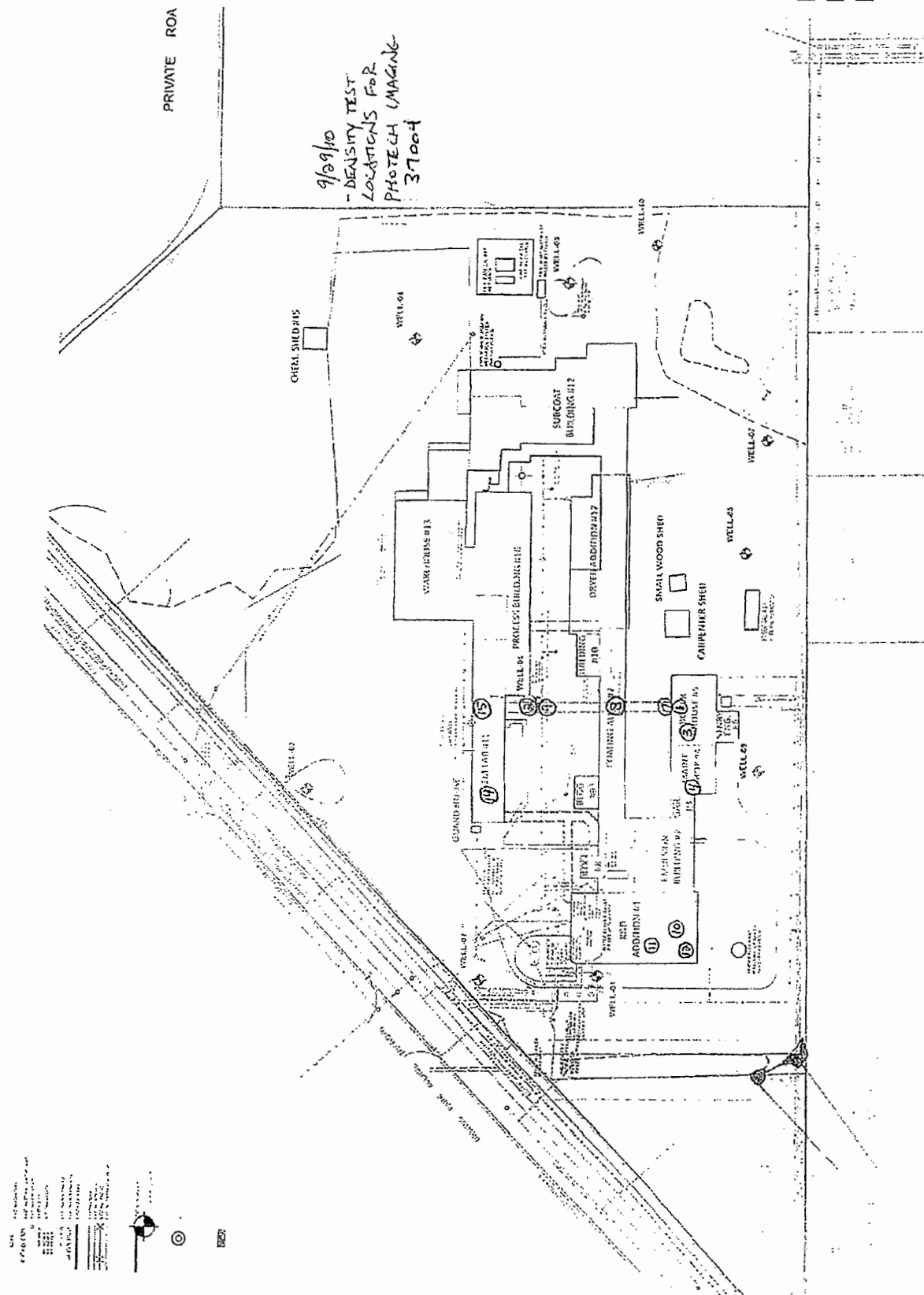
The test results indicate that the required percentage of compaction was achieved at the locations and elevations shown below.

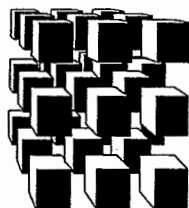
Jay Goggin with Foundation Design was informed of today's test results.

RESULTS:

Test #	Test Location	Test Elevation	Moisture Content (%)	OMC (%)	Field Dry Density (pcf)	100% Dry Density (pcf)	Compaction Achieved (%)	Compaction Required (%)
1	See Attached Sketch	492	10.8	9.1	122.4	127.8	95.8	95.0
2	See Attached Sketch	492	10.3	9.1	123.9	127.8	96.9	95.0
3	See Attached Sketch	492	10.4	9.1	119.7	127.8	93.7	90.0
4	See Attached Sketch	492	10.5	9.1	113.4	127.8	89.7	90.0
5	Retest #3	492	10.6	9.1	119.7	127.8	93.6	90.0
6	Retest #4	492	10.8	9.1	116.7	127.8	91.3	90.0
7	See Attached Sketch	493	9.9	9.1	122.0	127.8	95.4	95.0
8	See Attached Sketch	493	10.6	9.1	122.6	127.8	95.9	95.0
9	See Attached Sketch	493	10.7	9.1	122.4	127.8	95.8	95.0
10	See Attached Sketch	489	10.3	9.1	115.8	127.8	90.6	90.0
11	See Attached Sketch	489	10.8	9.1	118.2	127.8	92.5	90.0
12	See Attached Sketch	487	9.2	9.1	117.4	127.8	91.9	95.0
13	Retest #12	487	10.2	9.1	121.4	127.8	95.0	95.0
14	See Attached Sketch	492	9.4	8.0	127.6	133.3	95.7	95.0
15	See Attached Sketch	492	8.9	8.0	126.8	133.3	95.1	95.0

Setting the Blueprint for Quality and Customer Satisfaction





CME
Associates, Inc.

385 Sherman Street
Rochester, New York 14606
(585) 254-8740
(585) 254-1351 (Fax)
www.cmeassociates.com

Page 1 of 2

IN-PLACE FIELD DENSITY TEST REPORT

PROJECT:	Photech Imaging – Rochester, NY	DATE:	10/01/10
CLIENT:	LaBella Associates, P.C.	REPORT NO.:	37004S-14-1010
TEST METHOD:	ASTM D6938-08a	REPRESENTATIVE:	P. Reynolds
MATERIAL TYPE/SOURCE:	Recycled Concrete / Crushed Onsite		
WEATHER:	Mostly sunny	TEMPERATURE:	66 °F

REMARKS:

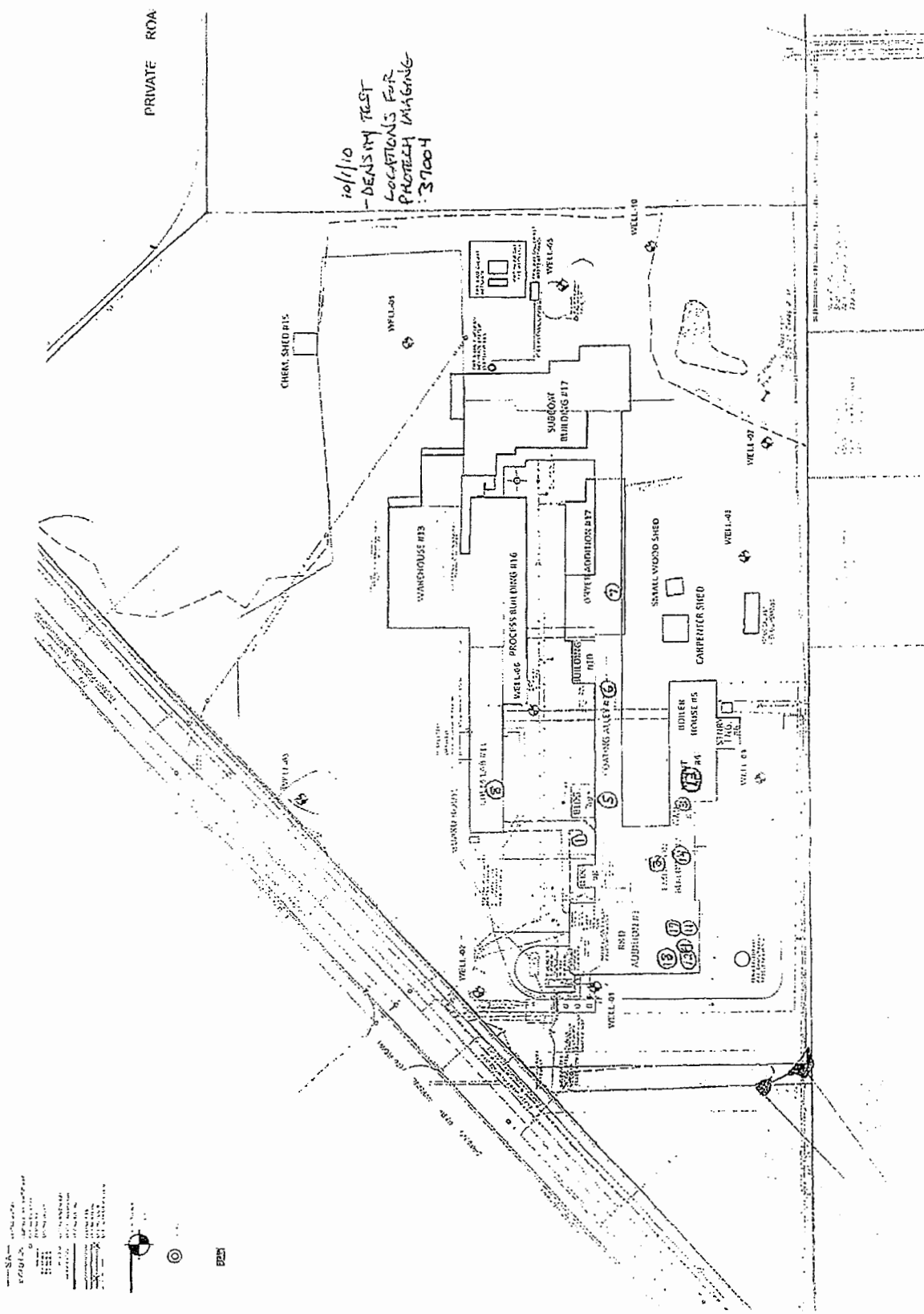
This representative was onsite at the above referenced project to conduct in place field density tests on the fill for the demolished and excavated buildings #1-11 and #17. A large Dynapac CA150 single vibratory drum roller and a large Sakai SV510D-III single vibratory drum roller were used for compaction. Jay Goggin informed this representative of the compaction requirements for each area being tested.

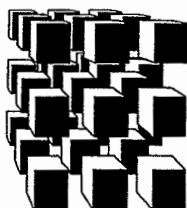
The test results indicate that the required percentage of compaction was achieved at the locations and elevations shown below.

Jay Goggin with Foundation Design was informed of today's test results.

RESULTS:

Test #	Test Location	Test Elevation	Moisture Content (%)	OMC (%)	Field Dry Density (pcf)	100% Dry Density (pcf)	Compaction Achieved (%)	Compaction Required (%)
1	See Attached Sketch	492	12.7	9.1	119.6	127.8	93.6	93.0
2	See Attached Sketch	492	13.7	9.1	116.8	127.8	91.4	93.0
3	See Attached Sketch	492	14.1	9.1	112.7	127.8	88.2	93.0
4	See Attached Sketch	490	12.3	9.1	119.7	127.8	93.7	93.0
5	See Attached Sketch	492	12.8	9.1	120.5	127.8	94.3	90.0
6	See Attached Sketch	492	12.6	9.1	122.0	127.8	95.4	90.0
7	See Attached Sketch	492	14.2	9.1	119.0	127.8	93.1	90.0
8	See Attached Sketch	493	13.9	9.1	116.6	127.8	91.2	90.0
9	Retest #3	492	11.6	9.1	122.4	127.8	95.8	93.0
10	Retest #2	492	13.0	9.1	119.4	127.8	93.4	93.0
11	See Attached Sketch	490	10.5	9.1	120.4	127.8	94.2	93.0
12	See Attached Sketch	488	9.8	9.1	119.9	127.8	93.8	93.0
13	See Attached Sketch	493	9.5	9.1	118.5	127.8	92.7	93.0
14	See Attached Sketch	493	10.6	9.1	118.3	127.8	92.6	93.0
15	Retest #13	493	11.1	9.1	120.0	127.8	93.9	93.0
16	Retest #14	493	9.8	9.1	119.2	127.8	93.3	93.0
17	See Attached Sketch	491	12.7	9.1	121.5	127.8	95.1	93.0
18	See Attached Sketch	491	9.9	9.1	121.4	127.8	95.0	93.0





CME
Associates, Inc.

385 Sherman Street
Rochester, New York 14606
(585) 254-8740
(585) 254-1351 (Fax)
www.cmeassociates.com

Page 1 of 2

IN-PLACE FIELD DENSITY TEST REPORT

PROJECT:	Photech Imaging – Rochester, NY	DATE:	10/04/10
CLIENT:	LaBella Associates, P.C.	REPORT NO.:	37004S-15-1010
TEST METHOD:	ASTM D6938-08a	REPRESENTATIVE:	P. Reynolds
MATERIAL TYPE/SOURCE:	Recycled Concrete / Crushed Onsite		
WEATHER:	Mostly cloudy	TEMPERATURE:	50 °F

REMARKS:

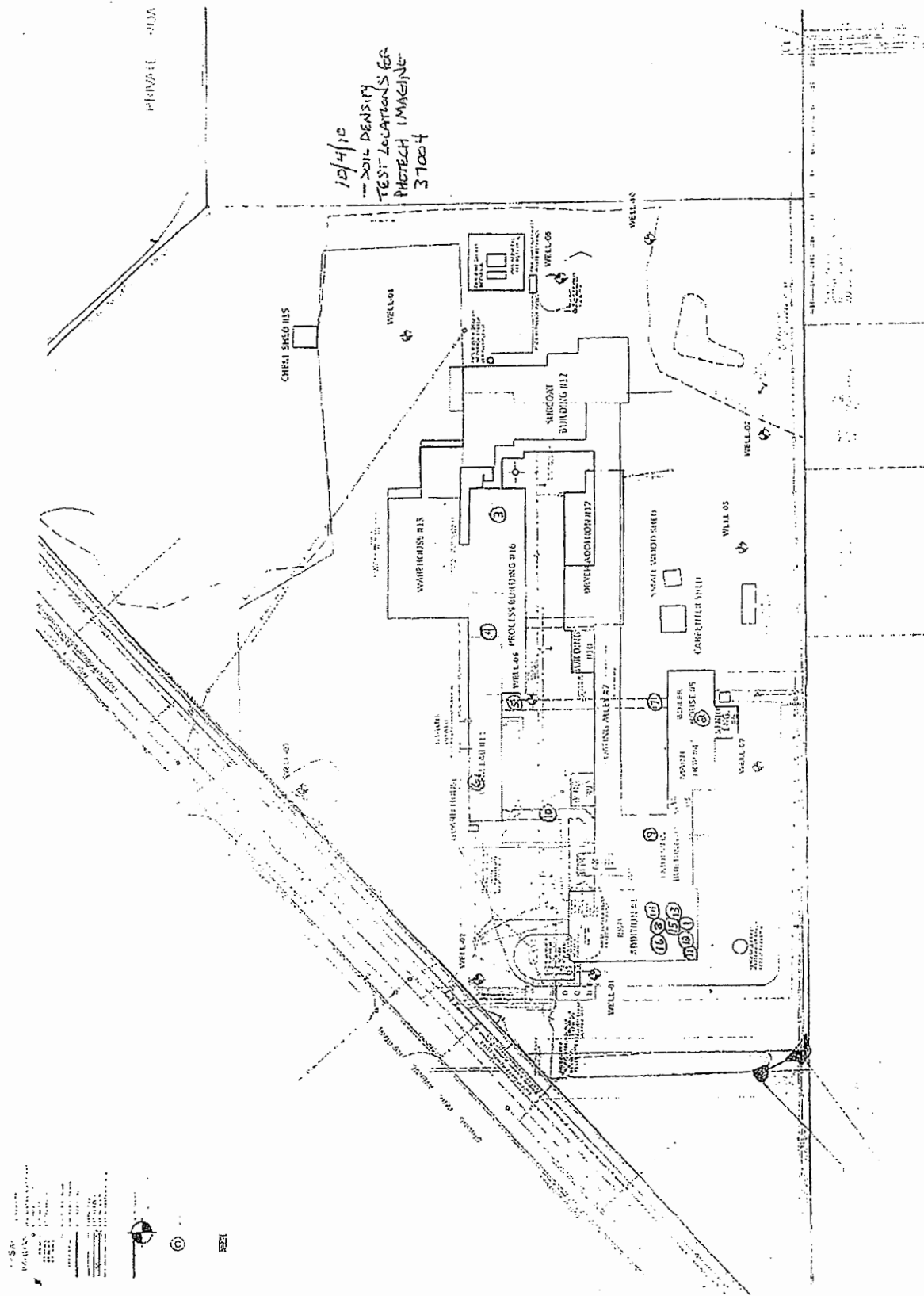
This representative was onsite at the above referenced project to conduct in place field density tests on the fill for the demolished and excavated buildings #1-6, 8, 11, 16, and tunnels from buildings #11-2, #11-7, and #7-5. A large Sakai SV510D-III single vibratory drum roller was used for compaction. Jay Goggin with Foundation Design informed this representative of the compaction requirements for each area being tested.

The test results indicate that the required percentage of compaction was achieved at the locations and elevations shown below.

Jay Goggin with Foundation Design was informed of today's test results.

RESULTS:

Test #	Test Location	Test Elevation	Moisture Content (%)	OMC (%)	Field Dry Density (pcf)	100% Dry Density (pcf)	Compaction Achieved (%)	Compaction Required (%)
1	See Attached Sketch	492	9.7	9.1	123.5	127.8	96.6	95.0
2	See Attached Sketch	494	9.7	9.1	121.8	127.8	95.3	90.0
3	See Attached Sketch	493	11.9	9.1	118.1	127.8	92.4	90.0
4	See Attached Sketch	493	11.4	9.1	124.7	127.8	97.4	90.0
5	See Attached Sketch	494	11.9	9.1	120.4	127.8	94.2	90.0
6	See Attached Sketch	494	10.7	9.1	126.0	127.8	98.6	90.0
7	See Attached Sketch	494	10.0	9.1	117.2	127.8	91.7	90.0
8	See Attached Sketch	492	10.7	9.1	121.7	127.8	95.2	95.0
9	See Attached Sketch	494	12.4	9.1	120.3	127.8	94.2	90.0
10	See Attached Sketch	494	10.9	9.1	124.6	127.8	97.5	90.0
11	See Attached Sketch	490	10.1	9.1	122.7	127.8	96.0	95.0
12	See Attached Sketch	491	10.0	9.1	124.6	127.8	97.5	95.0
13	See Attached Sketch	492	12.2	9.1	122.2	127.8	95.6	95.0
14	See Attached Sketch	492	12.8	9.1	121.4	127.8	95.0	95.0
15	See Attached Sketch	493	12.3	9.1	121.4	127.8	95.0	95.0
16	See Attached Sketch	493	10.5	9.1	121.5	127.8	95.1	95.0


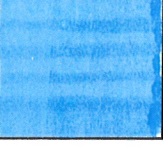
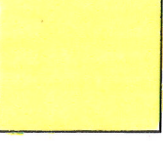
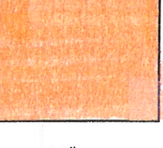


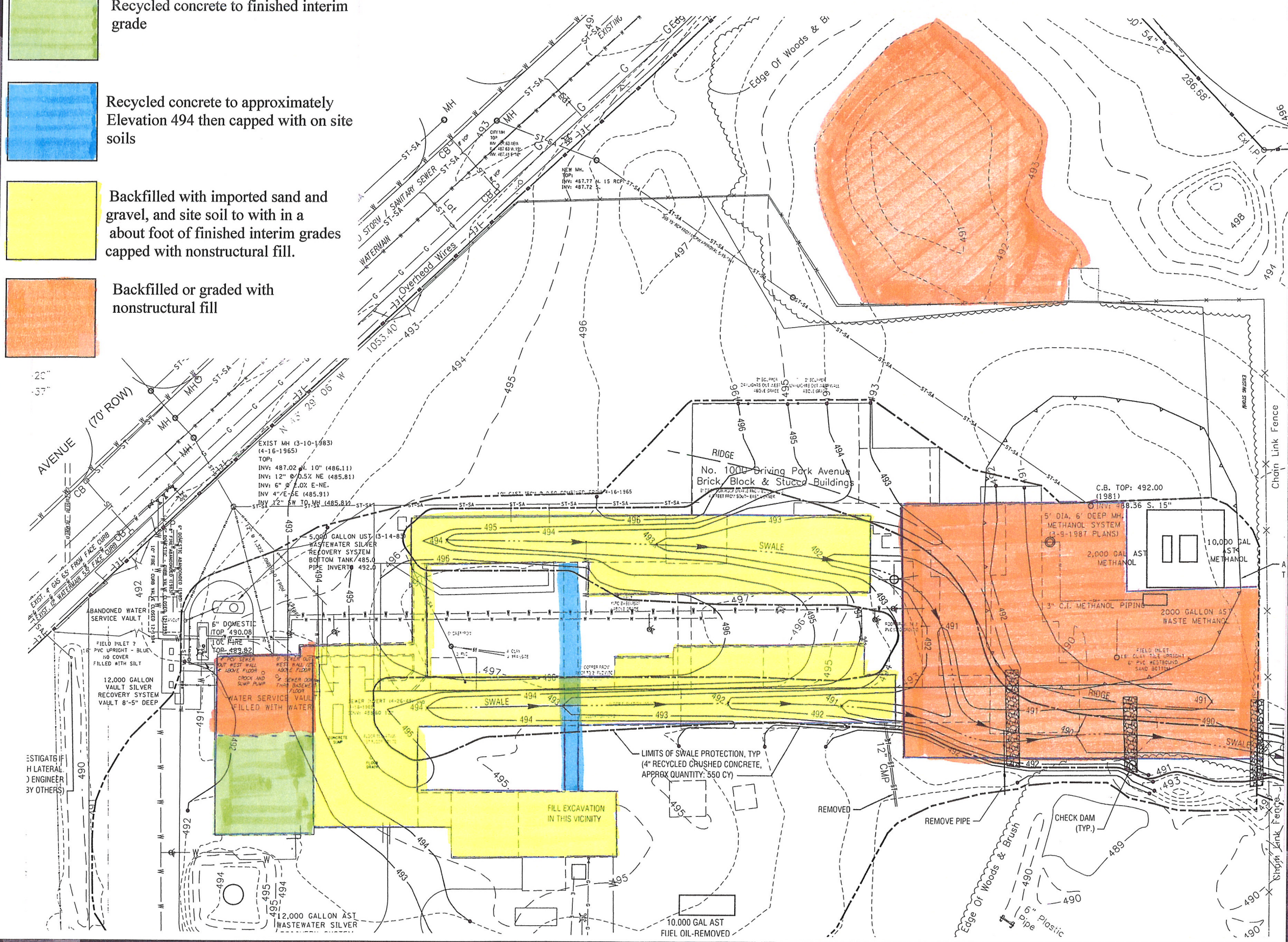


**Foundation
Design, P.C.**

SOIL • BEDROCK • GROUNDWATER

APPENDIX C

-  Recycled concrete to finished interim grade
-  Recycled concrete to approximately Elevation 494 then capped with on site soils
-  Backfilled with imported sand and gravel, and site soil to with in a about foot of finished interim grades capped with nonstructural fill.
-  Backfilled or graded with nonstructural fill



335 Colfax Street
Rochester, New York 14606
 Phone (585) 458-0824
 FAX (585) 458-3323

Photech – Phase I Environmental
 1000 Driving Park, Rochester, New York
Fill Placement Plan
 Adapted from: LaBella Associates, P.C.
 Revised Grading Plan

CHECKED BY: JDN
DRAWN BY: JAG

DATE: 11-05-10
JOB NO.: 3446.0

Scale Not to Scale